

25BA_HW_027 (Stage 1)									25BA_HW_027 (Stage 2)									25BA_HW_027 (Stage 3)									25BA_HW_027 (Stage 4)								
Time	Pc	Pp	Diff.	Axial	Radial	Volume	Young's	Poisson's	Time	Pc	Pp	Diff.	Axial	Radial	Volume	Young's	Poisson's	Time	Pc	Pp	Diff.	Axial	Radial	Volume	Young's	Poisson's	Time	Pc	Pp	Diff.	Axial	Radial	Volume	Young's	Poisson's
[sec]	[psi]	[psi]	[psi]	[in/in]	[in/in]	[in3/in3]	[psi]	[-]	[sec]	[psi]	[psi]	[psi]	[in/in]	[in/in]	[in3/in3]	[psi]	[-]	[sec]	[psi]	[psi]	[psi]	[in/in]	[in/in]	[in3/in3]	[psi]	[-]	[sec]	[psi]	[psi]	[psi]	[in/in]	[in/in]	[in3/in3]	[psi]	[-]
1711.080	1203	0	0	0.0000	0.0000	0.0000			1657.690	2201	0	0	0.0000	0.0000	0.0000			2435.230	4200	0	0	0.0000	0.0000	0.0000			3395.990	6200	0	0	0.0000	0.0000	0.0000		
1712.080	1201	0	0	0.0000	0.0000	0.0000			1658.690	2200	0	-16	0.0000	0.0000	0.0000			2436.230	4200	0	16	0.0000	0.0000	0.0000			3396.990	6201	0	-16	0.0000	0.0000	0.0000		
1713.080	1200	0	0	0.0000	0.0000	0.0000			1659.690	2200	0	16	0.0000	0.0000	0.0000			2437.230	4200	0	16	0.0000	0.0000	0.0000			3397.990	6200	0	47	0.0000	0.0000	0.0000		
1714.080	1200	0	31	0.0000	0.0000	0.0000			1660.690	2201	0	16	0.0000	0.0000	0.0000			2438.230	4200	0	31	0.0000	0.0000	0.0000			3398.980	6200	0	0	0.0000	0.0000	0.0000		
1715.080	1202	0	16	0.0000	0.0000	0.0000			1661.690	2200	0	-16	0.0000	0.0000	0.0000			2439.230	4199	0	0	0.0000	0.0000	0.0000			3399.980	6200	0	31	0.0000	0.0000	0.0000		
1716.080	1201	0	47	0.0000	0.0000	0.0000			1662.690	2201	0	0	0.0000	0.0000	0.0000			2440.230	4200	0	47	0.0000	0.0000	0.0000			3400.980	6200	0	0	0.0000	0.0000	0.0000		
1717.080	1201	0	16	0.0000	0.0000	0.0000			1663.690	2201	0	0	0.0000	0.0000	0.0000			2441.230	4200	0	31	0.0000	0.0000	0.0000			3401.980	6199	0	-16	0.0000	0.0000	0.0000		
1718.080	1199	0	16	0.0000	0.0000	0.0000			1664.690	2200	0	31	0.0000	0.0000	0.0000			2442.230	4200	0	31	0.0000	0.0000	0.0000			3402.980	6199	0	16	0.0000	0.0000	0.0000		
1719.080	1199	0	-16	0.0000	0.0000	0.0000			1665.690	2201	0	31	0.0000	0.0000	0.0000			2443.220	4201	0	31	0.0000	0.0000	0.0000			3403.980	6201	0	0	0.0000	0.0000	0.0000		
1720.080	1199	0	31	0.0000	0.0000	0.0000			1666.690	2201	0	31	0.0000	0.0000	0.0000			2444.220	4199	0	31	0.0000	0.0000	0.0000			3404.980	6199	0	0	0.0000	0.0000	0.0000		
1721.080	1200	0	31	0.0000	0.0000	0.0000			1667.690	2200	0	16	0.0000	0.0000	0.0000			2445.220	4199	0	16	0.0000	0.0000	0.0000			3405.980	6200	0	16	0.0000	0.0000	0.0000		
1722.080	1202	0	-16	0.0000	0.0000	0.0000			1668.690	2200	0	31	0.0000	0.0000	0.0000			2446.220	4201	0	47	0.0000	0.0000	0.0000			3406.980	6199	0	16	0.0000	0.0000	0.0000		
1723.080	1200	0	31	0.0000	0.0000	0.0000			1669.690	2201	0	16	0.0000	0.0000	0.0000			2447.220	4201	0	16	0.0000	0.0000	0.0000			3407.980	6200	0	0	0.0000	0.0000	0.0000		
1724.080	1200	0	0	0.0000	0.0000	0.0000			1670.690	2201	0	47	0.0000	0.0000	0.0000			2448.220	4203	0	47	0.0000	0.0000	0.0000			3408.980	6200	0	16	0.0000	0.0000	0.0000		
1725.080	1199	0	16	0.0000	0.0000	0.0000			1671.690	2201	0	47	0.0000	0.0000	0.0000			2449.220	4201	0	62	0.0000	0.0000	0.0000			3409.980	6199	0	31	0.0000	0.0000	0.0000		
1726.080	1198	0	0	0.0000	0.0000	0.0000			1672.690	2201	0	47	0.0000	0.0000	0.0000			2450.220	4201	0	31	0.0000	0.0000	0.0000			3410.980	6200	0	31	0.0000	0.0000	0.0000		
1727.080	1200	0	16	0.0000	0.0000	0.0000			1673.690	2201	0	62	0.0000	0.0000	0.0000			2451.220	4200	0	31	0.0000	0.0000	0.0000			3411.980	6200	0	47	0.0000	0.0000	0.0000		
1728.080	1200	0	16	0.0000	0.0000	0.0000			1674.690	2199	0	47	0.0000	0.0000	0.0000			2452.220	4201	0	62	0.0000	0.0000	0.0000			3412.980	6199	0	16	0.0000	0.0000	0.0000		
1729.080	1200	0	62	0.0000	0.0000	0.0000			1675.680	2200	0	78	0.0000	0.0000	0.0000			2453.220	4200	0	62	0.0000	0.0000	0.0000			3413.980	6200	0	31	0.0000	0.0000	0.0000		
1730.080	1200	0	16	0.0000	0.0000	0.0000			1676.680	2201	0	78	0.0000	0.0000	0.0000			2454.220	4201	0	62	0.0000	0.0000	0.0000			3414.980	6199	0	47	0.0000	0.0000	0.0000		
1731.080	1201	0	47	0.0000	0.0000	0.0000			1677.680	2200	0	78	0.0000	0.0000	0.0000			2455.220	4201	0	62	0.0000	0.0000	0.0000			3415.980	6200	0	78	0.0000	0.0000	0.0000		
1732.080	1201	0	47	0.0000	0.0000	0.0000			1678.680	2201	0	78	0.0000	0.0000	0.0000			2456.220	4200	0	62	0.0000	0.0000	0.0000			3416.980	6200	0	62	0.0000	0.0000	0.0000		
1733.080	1200	0	31	0.0000	0.0000	0.0000			1679.680	2201	0	109	0.0000	0.0000	0.0000			2457.220	4200	0	62	0.0000	0.0000	0.0000			3417.980	6199	0	47	0.0000	0.0000	0.0000		
1734.080	1200	0	31	0.0000	0.0000	0.0000																													

1782.840	1201	0	467	0.0002	0.0000	0.0002	2.56E+06	0.072	1729.420	2200	0	917	0.0002	0.0000	0.0002	3.81E+06	0.147	2507.200	4200	0	233	0.0001	0.0000	0.0000	5.26E+06	0.161	3467.960	6199	0	264	0.0000	0.0000	0.0000	5.87E+06	0.087
1783.840	1200	0	513	0.0002	0.0000	0.0002	2.56E+06	0.072	1730.420	2201	0	949	0.0002	0.0000	0.0002	3.79E+06	0.147	2508.200	4200	0	218	0.0000	0.0000	0.0000	5.25E+06	0.162	3468.960	6201	0	264	0.0000	0.0000	0.0000	5.90E+06	0.094
1784.840	1199	0	498	0.0002	0.0000	0.0002	2.57E+06	0.072	1731.420	2201	0	949	0.0002	0.0000	0.0002	3.76E+06	0.147	2509.200	4202	0	249	0.0000	0.0000	0.0000	5.23E+06	0.163	3469.960	6201	0	264	0.0000	0.0000	0.0000	5.86E+06	0.097
1785.840	1201	0	498	0.0002	0.0000	0.0002	2.57E+06	0.072	1732.420	2201	0	949	0.0002	0.0000	0.0002	3.72E+06	0.147	2510.200	4201	0	218	0.0000	0.0000	0.0000	5.24E+06	0.164	3470.960	6199	0	249	0.0001	0.0000	0.0001	5.90E+06	0.099
1786.840	1201	0	513	0.0002	0.0000	0.0002	2.56E+06	0.073	1733.420	2199	0	980	0.0003	0.0000	0.0002	3.69E+06	0.147	2511.200	4199	0	233	0.0000	0.0000	0.0000	5.24E+06	0.164	3471.960	6200	0	295	0.0000	0.0000	0.0000	5.94E+06	0.102
1787.840	1202	0	513	0.0002	0.0000	0.0002	2.56E+06	0.073	1734.420	2200	0	995	0.0002	0.0000	0.0002	3.64E+06	0.148	2512.200	4201	0	249	0.0001	0.0000	0.0000	5.22E+06	0.164	3472.960	6199	0	280	0.0001	0.0000	0.0000	5.87E+06	0.103
1788.840	1200	0	529	0.0002	0.0000	0.0002	2.56E+06	0.074	1735.420	2201	0	1011	0.0003	0.0000	0.0002	3.59E+06	0.147	2512.260	4203	0	233	0.0001	0.0000	0.0000	5.22E+06	0.163	3473.960	6200	0	280	0.0001	0.0000	0.0001	5.92E+06	0.103
1789.840	1201	0	544	0.0002	0.0000	0.0002	2.58E+06	0.074	1736.420	2200	0	1026	0.0003	0.0000	0.0002	3.55E+06	0.148	2513.260	4200	0	218	0.0001	0.0000	0.0001	5.23E+06	0.164	3474.760	6200	0	311	0.0000	0.0000	0.0001	5.92E+06	0.103
1790.840	1201	0	544	0.0002	0.0000	0.0002	2.60E+06	0.075	1737.420	2201	0	1042	0.0003	0.0000	0.0002	3.56E+06	0.148	2514.260	4199	0	233	0.0001	0.0000	0.0000	5.22E+06	0.166	3475.750	6200	0	295	0.0001	0.0000	0.0001	5.95E+06	0.105
1791.840	1200	0	544	0.0002	0.0000	0.0002	2.61E+06	0.074	1738.420	2201	0	1089	0.0003	0.0000	0.0002	3.57E+06	0.148	2515.260	4200	0	233	0.0001	0.0000	0.0000	5.21E+06	0.167	3476.750	6199	0	280	0.0000	0.0000	0.0000	5.96E+06	0.105
1792.840	1202	0	560	0.0002	0.0000	0.0002	2.62E+06	0.075	1739.420	2200	0	1042	0.0003	0.0000	0.0002	3.58E+06	0.149	2516.260	4199	0	249	0.0001	0.0000	0.0000	5.23E+06	0.169	3477.750	6200	0	280	0.0001	0.0000	0.0001	5.97E+06	0.106
1793.840	1199	0	591	0.0002	0.0000	0.0002	2.64E+06	0.074	1740.420	2201	0	1073	0.0003	0.0000	0.0002	3.55E+06	0.148	2517.260	4199	0	295	0.0001	0.0000	0.0000	5.25E+06	0.170	3478.750	6200	0	311	0.0001	0.0000	0.0000	5.93E+06	0.107
1794.840	1200	0	622	0.0002	0.0000	0.0002	2.67E+06	0.075	1741.420	2201	0	1104	0.0003	0.0000	0.0002	3.58E+06	0.149	2518.260	4201	0	264	0.0001	0.0000	0.0000	5.27E+06	0.171	3479.750	6200	0	295	0.0001	0.0000	0.0001	5.94E+06	0.108
1795.840	1199	0	622	0.0002	0.0000	0.0002	2.66E+06	0.075	1742.420	2201	0	1104	0.0003	0.0000	0.0002	3.59E+06	0.149	2519.260	4200	0	404	0.0001	0.0000	0.0001	5.27E+06	0.173	3480.750	6200	0	280	0.0001	0.0000	0.0001	6.00E+06	0.108
1796.840	1198	0	622	0.0002	0.0000	0.0002	2.68E+06	0.076	1743.420	2201	0	1120	0.0003	0.0000	0.0002	3.60E+06	0.150	2520.260	4198	0	622	0.0001	0.0000	0.0001	5.28E+06	0.174	3481.750	6202	0	311	0.0001	0.0000	0.0001	6.01E+06	0.109
1797.840	1201	0	606	0.0002	0.0000	0.0002	2.69E+06	0.077	1744.420	2201	0	1151	0.0003	0.0000	0.0002	3.58E+06	0.150	2521.260	4202	0	762	0.0002	0.0000	0.0001	5.29E+06	0.174	3482.750	6200	0	358	0.0001	0.0000	0.0001	6.04E+06	0.109
1798.840	1200	0	606	0.0002	0.0000	0.0002	2.71E+06	0.079	1745.420	2201	0	1166	0.0003	0.0000	0.0002	3.58E+06	0.151	2522.260	4201	0	886	0.0002	0.0000	0.0001	5.28E+06	0.174	3483.750	6199	0	342	0.0001	0.0000	0.0001	6.07E+06	0.110
1799.840	1201	0	653	0.0002	0.0000	0.0002	2.72E+06	0.081	1746.420	2201	0	1151	0.0003	0.0000	0.0002	3.59E+06	0.152	2523.260	4201	0	933	0.0002	0.0000	0.0001	5.28E+06	0.174	3484.750	6201	0	373	0.0001	0.0000	0.0001	6.09E+06	0.110
1800.840	1201	0	638	0.0002	0.0000	0.0002	2.73E+06	0.081	1747.420	2201	0	1166	0.0003	0.0000	0.0002	3.59E+06	0.151	2524.260	4200	0	949	0.0002	0.0000	0.0001	5.28E+06	0.174	3485.750	6199	0	358	0.0001	0.0000	0.0001	6.09E+06	0.111
1801.840	1200	0	653	0.0002	0.0000	0.0002	2.73E+06	0.083	1748.420	2201	0	1182	0.0003	0.0000	0.0002	3.60E+06	0.150	2525.260	4198	0	995	0.0002	0.0000	0.0001	5.29E+06	0.174	3486.750	6199	0	389	0.0001	0.0000	0.0001	6.09E+06	0.111
1802.840	1201	0	669	0.0002	0.0000	0.0002	2.75E+06	0.086	1749.420	2201	0	1228	0.0003	0.0000	0.0002	3.59E+06	0.148	2526.260	4198	0	995	0.0002	0.0000	0.0001	5.29E+06	0.176	3487.750	6200	0	669	0.0001	0.0000	0.0001	6.08E+06	0.112
1803.830	1199	0	684	0.0002	0.0000	0.0002	2.78E+06	0.086	1750.420	2201	0	1244	0.0003	0.0000	0.0002	3.59E+06	0.148	2527.260	4200	0	1026	0.0002	0.0000	0.0001	5.28E+06	0.176	3488.750	6199	0	933	0.0002	0.0000	0.0001	6.09E+06	0.113
1804.830	1200	0	700	0.0002	0.0000	0.0002	2.76E+06	0.087	1751.420	2202	0	1213	0.0003	0.0000	0.0002	3.56E+06	0.149	2528.260	4201	0	1042	0.0002	0.0000	0.0001	5.30E+06	0.177	3489.750	6199	0	1057	0.0002	0.0000	0.0002	6.11E+06	0.114
1805.830	1201	0	715	0.0003	0.0000	0.0002	2.80E+06	0.087	1752.420	2200	0	1275	0.0003	0.0000	0.0003	3.57E+06	0.151	2529.260	4200	0	1057	0.0002	0.0000	0.0001	5.31E+06	0.178	3490.750	6199	0	1089	0.0002	0.0000	0.0002	6.12E+06	0.115
1806.830	1201	0	700	0.0003	0.0000	0.0002	2.81E+06	0.089	1753.420	2201	0	1275	0.0003	0.0000	0.0003	3.58E+06	0.151	2530.260	4200	0	1089	0.0002	0.0000	0.0001	5.31E+06	0.179	3491.750	6199	0	1151	0.0002	0.0000	0.0002	6.14E+06	0.115
1807.830	1201	0	762	0.0003	0.0000	0.0002	2.81E+06	0.090	1754.410	2200	0	1291	0.0003	0.0000	0.0003	3.59E+06	0.153	2531.260	4199	0	1120	0.0002	0.0000	0.0002	5.30E+06	0.179	3492.750	6199	0	1166	0.0002	0.0000	0.0002	6.15E+06	0.116
1808.830	1201	0	762	0.0003	0.0000	0.0002	2.83E+06	0.089	1755.410	2201	0	1306	0.0004	0.0000	0.0003	3.59E+06	0.152	2532.260	4200	0	1120	0.0002	0.0000	0.0002	5.30E+06	0.179	3493.750	6200	0	1197	0.0002	0.0000	0.0002	6.16E+06	0.116
1809.830	1201	0	762	0.0003	0.0000	0.0002	2.85E+06	0.090	1756.410	2201	0	1322	0.0003	0.0000	0.0003	3.61E+06	0.153	2533.260	4201	0	1135	0.0002	0.0000	0.0002	5.33E+06	0.179	3494.750	6199	0	1197	0.0002	0.0000	0.0002	6.18E+06	0.118
1810.830	1202	0	762	0.0003	0.0000	0.0002	2.84E+06	0.094	1757.410	2201	0	1337	0.0004	0.0000	0.0003	3.62E+06	0.154	2534.250	4201	0	1151	0.0002	0.0000	0.0002	5.35E+06	0.180	3495.750	6201	0	1244	0.0002	0.0000	0.0002	6.21E+06	0.119
1811.830	1203	0	762	0.0003	0.0000	0.0002	2.86E+06	0.091	1758.410	2201	0	1353	0.0004	0.0000	0.0003	3.62E+06	0.154	2535.250	4200	0	1151	0.0002	0.0000	0.0002	5.36E+06	0.181	3496.750	6201	0	1260	0.0002	0.0000	0.0002	6.17E+06	0.119
1812.830	1199	0	778	0.0003	0.0000	0.0002	2.88E+06	0.092	1759.410	2201	0	1384	0.0004	0.0000	0.0003	3.60E+06	0.153	2536.250	4199	0	1182	0.0002	0.0000	0.0002	5.38E+06	0.182	3497.750	6199	0	1244	0.0002	0.0000	0.0002	6.18E+06	0.121
1813.830	1201	0	809	0.0003	0.0000	0.0003	2.88E+06	0.094	1760.410	2201	0	1400	0.0004	0.0000	0.0003	3.63E+06	0.152	2537.250	4199	0	1213	0.0002	0.0000	0.0002	5.37E+06	0.182	3498.750	6199	0	1306	0.0002	0.0000	0.0002	6.18E+06	0.123
1814.830	1199	0	824	0.0003	0.0000	0.0003	2.87E+06	0.093	1761.410	2202	0	1384	0.0004	0.0000	0.0003	3.63E+06	0.154	2538.250	4201	0	1244	0.0002	0.0000	0.0002	5.37E+06	0.181	3499.750	6201	0	1322	0.0002	0.0000	0.0002	6.18E+06	0.124
1815.830	1201	0																																	

1858.820	1201	0	1384	0.0005	0.0000	0.0004	2.96E+06	0.121	1805.400	2200	0	2162	0.0006	-0.0001	0.0004	4.23E+06	0.186	2582.240	4200	0	2208	0.0004	-0.0001	0.0003	5.56E+06	0.200	3543.730	6199	0	2488	0.0004	-0.0001	0.0003	6.60E+06	0.170
1859.820	1201	0	1400	0.0005	0.0000	0.0004	2.98E+06	0.121	1806.400	2199	0	2177	0.0006	-0.0001	0.0004	4.25E+06	0.185	2583.240	4199	0	2270	0.0004	-0.0001	0.0003	5.56E+06	0.199	3544.730	6199	0	2504	0.0004	-0.0001	0.0003	6.63E+06	0.168
1860.820	1202	0	1415	0.0005	0.0000	0.0004	2.99E+06	0.121	1807.400	2201	0	2224	0.0006	-0.0001	0.0004	4.28E+06	0.188	2584.240	4201	0	2255	0.0004	-0.0001	0.0003	5.59E+06	0.201	3545.730	6200	0	2566	0.0004	0.0000	0.0003	6.66E+06	0.169
1861.820	1200	0	1415	0.0005	0.0000	0.0004	2.96E+06	0.121	1808.400	2200	0	2224	0.0006	-0.0001	0.0004	4.28E+06	0.188	2585.240	4200	0	2270	0.0004	-0.0001	0.0003	5.57E+06	0.199	3546.730	6200	0	2581	0.0004	-0.0001	0.0003	6.69E+06	0.169
1862.820	1201	0	1431	0.0005	0.0000	0.0004	2.96E+06	0.121	1809.400	2201	0	2239	0.0006	-0.0001	0.0004	4.30E+06	0.189	2586.240	4199	0	2317	0.0004	-0.0001	0.0003	5.57E+06	0.201	3547.730	6201	0	2597	0.0004	-0.0001	0.0003	6.68E+06	0.169
1863.820	1200	0	1431	0.0005	0.0000	0.0004	2.98E+06	0.121	1810.400	2200	0	2286	0.0006	-0.0001	0.0004	4.28E+06	0.187	2587.240	4198	0	2317	0.0004	-0.0001	0.0003	5.60E+06	0.200	3548.730	6199	0	2612	0.0004	0.0000	0.0003	6.66E+06	0.170
1864.820	1200	0	1493	0.0005	0.0000	0.0004	2.99E+06	0.122	1811.400	2200	0	2301	0.0006	-0.0001	0.0004	4.29E+06	0.186	2588.240	4200	0	2348	0.0004	-0.0001	0.0003	5.59E+06	0.199	3549.730	6199	0	2644	0.0004	-0.0001	0.0003	6.67E+06	0.171
1865.810	1200	0	1477	0.0005	0.0000	0.0004	3.00E+06	0.120	1812.400	2201	0	2317	0.0006	-0.0001	0.0004	4.28E+06	0.188	2589.240	4199	0	2395	0.0004	-0.0001	0.0003	5.60E+06	0.200	3550.730	6199	0	2675	0.0004	-0.0001	0.0003	6.66E+06	0.172
1866.810	1201	0	1493	0.0005	0.0000	0.0004	3.03E+06	0.121	1813.400	2200	0	2333	0.0006	-0.0001	0.0004	4.31E+06	0.190	2590.240	4198	0	2379	0.0004	-0.0001	0.0003	5.63E+06	0.201	3551.730	6199	0	2706	0.0004	-0.0001	0.0003	6.69E+06	0.175
1867.810	1200	0	1524	0.0005	0.0000	0.0005	3.01E+06	0.121	1814.400	2199	0	2348	0.0006	-0.0001	0.0004	4.30E+06	0.192	2591.240	4199	0	2410	0.0005	-0.0001	0.0003	5.66E+06	0.202	3552.730	6199	0	2737	0.0004	-0.0001	0.0003	6.73E+06	0.176
1868.810	1199	0	1539	0.0005	0.0000	0.0004	3.04E+06	0.120	1815.400	2201	0	2395	0.0006	-0.0001	0.0004	4.33E+06	0.191	2592.240	4201	0	2441	0.0005	-0.0001	0.0003	5.68E+06	0.205	3553.730	6199	0	2768	0.0004	-0.0001	0.0003	6.74E+06	0.180
1869.810	1199	0	1539	0.0005	0.0000	0.0004	3.07E+06	0.120	1816.390	2201	0	2410	0.0006	-0.0001	0.0004	4.36E+06	0.191	2593.240	4201	0	2457	0.0005	-0.0001	0.0003	5.77E+06	0.206	3554.730	6200	0	2799	0.0004	-0.0001	0.0003	6.77E+06	0.180
1870.810	1200	0	1524	0.0005	0.0000	0.0004	3.06E+06	0.121	1817.390	2201	0	2410	0.0006	-0.0001	0.0004	4.37E+06	0.189	2594.240	4201	0	2488	0.0005	-0.0001	0.0003	5.76E+06	0.205	3555.730	6200	0	2799	0.0005	-0.0001	0.0003	6.79E+06	0.184
1871.810	1200	0	1571	0.0005	0.0000	0.0004	3.07E+06	0.123	1818.390	2200	0	2473	0.0006	-0.0001	0.0004	4.45E+06	0.192	2595.240	4202	0	2519	0.0005	-0.0001	0.0003	5.73E+06	0.205	3556.730	6199	0	2861	0.0005	-0.0001	0.0003	6.82E+06	0.185
1872.810	1201	0	1602	0.0006	0.0000	0.0005	3.12E+06	0.124	1819.390	2201	0	2473	0.0006	-0.0001	0.0005	4.46E+06	0.192	2596.240	4201	0	2550	0.0005	-0.0001	0.0003	5.75E+06	0.203	3557.730	6199	0	2908	0.0005	-0.0001	0.0003	6.86E+06	0.184
1873.810	1201	0	1586	0.0006	0.0000	0.0005	3.12E+06	0.126	1820.390	2201	0	2473	0.0006	-0.0001	0.0005	4.51E+06	0.195	2597.230	4201	0	2581	0.0005	-0.0001	0.0003	5.75E+06	0.203	3558.730	6199	0	2908	0.0005	-0.0001	0.0003	6.89E+06	0.183
1874.810	1200	0	1586	0.0006	0.0000	0.0005	3.12E+06	0.126	1821.390	2201	0	2519	0.0007	-0.0001	0.0005	4.50E+06	0.200	2598.230	4201	0	2566	0.0005	-0.0001	0.0003	5.80E+06	0.201	3559.730	6201	0	2939	0.0005	-0.0001	0.0003	6.91E+06	0.183
1875.810	1200	0	1617	0.0005	0.0000	0.0005	3.15E+06	0.126	1822.390	2200	0	2535	0.0006	-0.0001	0.0005	4.51E+06	0.202	2599.230	4201	0	2597	0.0005	-0.0001	0.0003	5.82E+06	0.203	3560.730	6201	0	2986	0.0005	-0.0001	0.0004	6.95E+06	0.185
1876.810	1200	0	1633	0.0006	0.0000	0.0005	3.14E+06	0.127	1823.390	2201	0	2550	0.0007	-0.0001	0.0005	4.53E+06	0.202	2600.230	4202	0	2644	0.0005	-0.0001	0.0003	5.86E+06	0.205	3561.730	6200	0	3001	0.0005	-0.0001	0.0004	6.98E+06	0.186
1877.810	1200	0	1648	0.0006	-0.0001	0.0005	3.18E+06	0.131	1824.390	2201	0	2566	0.0007	-0.0001	0.0005	4.57E+06	0.203	2601.230	4200	0	2675	0.0005	-0.0001	0.0003	5.87E+06	0.207	3562.730	6200	0	3032	0.0005	-0.0001	0.0004	6.97E+06	0.185
1878.810	1199	0	1664	0.0006	-0.0001	0.0005	3.19E+06	0.135	1825.390	2201	0	2581	0.0007	-0.0001	0.0005	4.57E+06	0.205	2602.230	4200	0	2690	0.0005	-0.0001	0.0003	5.89E+06	0.208	3563.730	6202	0	3079	0.0005	-0.0001	0.0004	6.99E+06	0.186
1879.810	1202	0	1679	0.0006	-0.0001	0.0005	3.20E+06	0.136	1826.390	2201	0	2628	0.0007	-0.0001	0.0005	4.59E+06	0.205	2603.230	4200	0	2690	0.0005	-0.0001	0.0003	5.88E+06	0.210	3564.730	6200	0	3079	0.0005	-0.0001	0.0004	7.01E+06	0.188
1880.810	1201	0	1695	0.0006	-0.0001	0.0005	3.23E+06	0.138	1827.390	2201	0	2628	0.0007	-0.0001	0.0005	4.61E+06	0.207	2604.230	4201	0	2721	0.0005	-0.0001	0.0003	5.92E+06	0.213	3565.730	6199	0	3126	0.0005	-0.0001	0.0004	6.98E+06	0.187
1881.810	1200	0	1711	0.0006	-0.0001	0.0005	3.28E+06	0.139	1828.390	2200	0	2644	0.0007	-0.0001	0.0005	4.64E+06	0.208	2605.230	4202	0	2737	0.0005	-0.0001	0.0003	5.98E+06	0.216	3566.730	6201	0	3157	0.0005	-0.0001	0.0004	6.97E+06	0.188
1882.810	1202	0	1726	0.0006	-0.0001	0.0005	3.27E+06	0.140	1829.390	2200	0	2659	0.0007	-0.0001	0.0005	4.62E+06	0.210	2606.230	4201	0	2784	0.0005	-0.0001	0.0003	6.02E+06	0.218	3567.730	6200	0	3203	0.0005	-0.0001	0.0004	6.96E+06	0.187
1883.810	1202	0	1757	0.0006	-0.0001	0.0005	3.29E+06	0.140	1830.390	2201	0	2706	0.0007	-0.0001	0.0005	4.64E+06	0.211	2607.230	4200	0	2815	0.0005	-0.0001	0.0003	6.05E+06	0.219	3568.720	6199	0	3219	0.0005	-0.0001	0.0004	6.97E+06	0.187
1884.810	1200	0	1757	0.0006	-0.0001	0.0005	3.29E+06	0.140	1831.390	2201	0	2721	0.0007	-0.0001	0.0005	4.65E+06	0.211	2608.230	4199	0	2815	0.0005	-0.0001	0.0003	6.09E+06	0.221	3569.720	6200	0	3250	0.0005	-0.0001	0.0004	6.99E+06	0.188
1885.810	1202	0	1726	0.0006	-0.0001	0.0005	3.27E+06	0.141	1832.390	2200	0	2721	0.0007	-0.0001	0.0005	4.66E+06	0.212	2609.230	4201	0	2830	0.0005	-0.0001	0.0003	6.18E+06	0.223	3570.720	6203	0	3281	0.0005	-0.0001	0.0004	6.96E+06	0.189
1886.810	1200	0	1773	0.0006	-0.0001	0.0005	3.28E+06	0.141	1833.390	2200	0	2752	0.0007	-0.0001	0.0005	4.69E+06	0.211	2610.230	4198	0	2861	0.0005	-0.0001	0.0003	6.19E+06	0.225	3571.720	6201	0	3328	0.0005	-0.0001	0.0004	6.96E+06	0.188
1887.810	1200	0	1742	0.0006	-0.0001	0.0005	3.28E+06	0.141	1834.390	2199	0	2768	0.0007	-0.0001	0.0005	4.70E+06	0.214	2611.230	4201	0	2892	0.0005	-0.0001	0.0003	6.23E+06	0.225	3572.720	6201	0	3374	0.0005	-0.0001	0.0004	6.97E+06	0.188
1888.810	1199	0	1819	0.0006	-0.0001	0.0005	3.27E+06	0.140	1835.390	2199	0	2799	0.0007	-0.0001	0.0005	4.72E+06	0.216	2612.230	4203	0	2939	0.0005	-0.0001	0.0003	6.27E+06	0.227	3573.720	6200	0	3406	0.0005	-0.0001	0.0004	6.96E+06	0.190
1889.810	1201	0	1819	0.0006	-0.0001	0.0005	3.26E+06	0.141	1836.390	2201	0	2830	0.0007	-0.0001	0.0005	4.71E+06	0.216	2613.230	4201	0	2955	0.0005	-0.0001	0.0004	6.27E+06	0.227	3574.720	6200	0	3437	0.0005	-0.0001	0.0004	6.98E+06	0.189
1890.810	1200	0	1835	0.0006	-0.0001	0.0005	3.28E+06	0.141	1837.390	2200	0	2830	0.0007	-0.0001	0.0005	4.74E+06	0.218	2614.230	4202	0	2970	0.0006	-0.0001	0.0004	6.31E+06	0.228	3575.720	6199	0	3437	0.0005				

1934.790	1198	0	2628	0.0009	-0.0001	0.0007	3.52E+06	0.170	1881.370	2201	0	4199	0.0010	-0.0002	0.0007	6.09E+06	0.219	2658.220	4201	0	4696	0.0008	-0.0002	0.0005	6.27E+06	0.232	3619.710	6200	0	5007	0.0008	-0.0001	0.0005	8.00E+06	0.219
1935.790	1199	0	2644	0.0009	-0.0001	0.0007	3.52E+06	0.167	1882.370	2201	0	4261	0.0010	-0.0002	0.0007	6.14E+06	0.219	2659.210	4200	0	4712	0.0008	-0.0002	0.0005	6.30E+06	0.233	3620.710	6200	0	5038	0.0008	-0.0001	0.0005	8.02E+06	0.221
1936.790	1200	0	2690	0.0009	-0.0001	0.0007	3.50E+06	0.169	1883.370	2201	0	4276	0.0010	-0.0002	0.0007	6.18E+06	0.217	2660.210	4202	0	4758	0.0008	-0.0002	0.0005	6.39E+06	0.236	3621.710	6199	0	5069	0.0008	-0.0001	0.0005	8.04E+06	0.222
1937.790	1200	0	2659	0.0009	-0.0001	0.0007	3.53E+06	0.171	1884.370	2200	0	4276	0.0010	-0.0002	0.0007	6.26E+06	0.217	2661.210	4201	0	4743	0.0008	-0.0002	0.0005	6.41E+06	0.237	3622.710	6200	0	5147	0.0008	-0.0001	0.0005	8.05E+06	0.225
1938.790	1201	0	2690	0.0009	-0.0001	0.0007	3.54E+06	0.172	1885.370	2202	0	4292	0.0010	-0.0002	0.0007	6.30E+06	0.217	2662.210	4201	0	4790	0.0008	-0.0002	0.0005	6.42E+06	0.236	3623.710	6199	0	5178	0.0008	-0.0001	0.0005	8.10E+06	0.226
1939.790	1202	0	2706	0.0009	-0.0001	0.0007	3.54E+06	0.174	1886.370	2201	0	4323	0.0010	-0.0002	0.0007	6.35E+06	0.215	2663.210	4199	0	4790	0.0008	-0.0002	0.0005	6.48E+06	0.235	3624.710	6200	0	5209	0.0008	-0.0001	0.0005	8.14E+06	0.228
1940.790	1202	0	2721	0.0009	-0.0001	0.0007	3.55E+06	0.173	1887.370	2199	0	4307	0.0010	-0.0002	0.0007	6.37E+06	0.214	2664.210	4200	0	4852	0.0008	-0.0002	0.0005	6.50E+06	0.234	3625.710	6199	0	5256	0.0008	-0.0001	0.0005	8.15E+06	0.231
1941.790	1200	0	2737	0.0009	-0.0001	0.0007	3.54E+06	0.172	1888.370	2200	0	4354	0.0010	-0.0002	0.0007	6.40E+06	0.215	2665.210	4199	0	4883	0.0008	-0.0002	0.0005	6.57E+06	0.236	3626.710	6201	0	5303	0.0008	-0.0001	0.0006	8.18E+06	0.229
1942.790	1199	0	2752	0.0009	-0.0001	0.0007	3.53E+06	0.172	1889.370	2199	0	4354	0.0010	-0.0002	0.0007	6.39E+06	0.215	2666.210	4201	0	4914	0.0008	-0.0002	0.0005	6.62E+06	0.236	3627.710	6201	0	5318	0.0008	-0.0001	0.0005	8.21E+06	0.228
1943.790	1199	0	2799	0.0009	-0.0001	0.0007	3.54E+06	0.174	1890.370	2201	0	4385	0.0010	-0.0002	0.0007	6.34E+06	0.214	2667.210	4200	0	4945	0.0009	-0.0002	0.0005	6.64E+06	0.233	3628.710	6200	0	5365	0.0008	-0.0001	0.0005	8.22E+06	0.228
1944.790	1200	0	2784	0.0009	-0.0001	0.0007	3.57E+06	0.177	1891.370	2200	0	4385	0.0010	-0.0002	0.0007	6.24E+06	0.214	2668.210	4200	0	4945	0.0009	-0.0002	0.0005	6.63E+06	0.234	3629.710	6201	0	5427	0.0008	-0.0001	0.0005	8.19E+06	0.229
1945.790	1201	0	2799	0.0009	-0.0001	0.0007	3.56E+06	0.176	1892.370	2200	0	4416	0.0010	-0.0002	0.0007	6.13E+06	0.215	2669.210	4198	0	4961	0.0009	-0.0002	0.0005	6.69E+06	0.235	3630.700	6199	0	5474	0.0008	-0.0001	0.0005	8.20E+06	0.228
1946.790	1201	0	2815	0.0009	-0.0001	0.0007	3.56E+06	0.175	1893.370	2199	0	4432	0.0011	-0.0002	0.0007	5.97E+06	0.215	2670.210	4201	0	4976	0.0009	-0.0002	0.0005	6.77E+06	0.238	3631.700	6199	0	5505	0.0008	-0.0001	0.0006	8.23E+06	0.230
1947.790	1199	0	2815	0.0009	-0.0001	0.0007	3.56E+06	0.176	1894.370	2202	0	4432	0.0011	-0.0002	0.0007	5.79E+06	0.218	2671.210	4200	0	5023	0.0009	-0.0002	0.0005	6.82E+06	0.239	3632.700	6200	0	5583	0.0008	-0.0001	0.0006	8.23E+06	0.230
1948.790	1200	0	2861	0.0009	-0.0001	0.0007	3.53E+06	0.176	1895.370	2200	0	4463	0.0010	-0.0002	0.0007	5.59E+06	0.220	2672.210	4198	0	5085	0.0009	-0.0002	0.0005	6.81E+06	0.239	3633.700	6200	0	5598	0.0008	-0.0001	0.0006	8.28E+06	0.232
1949.790	1200	0	2877	0.0009	-0.0001	0.0007	3.51E+06	0.175	1896.370	2201	0	4494	0.0011	-0.0002	0.0007	5.41E+06	0.222	2673.210	4200	0	5085	0.0009	-0.0002	0.0005	6.82E+06	0.240	3634.700	6199	0	5645	0.0008	-0.0001	0.0006	8.25E+06	0.229
1950.790	1201	0	2877	0.0009	-0.0001	0.0007	3.54E+06	0.177	1897.370	2200	0	4510	0.0011	-0.0002	0.0007	5.21E+06	0.227	2674.210	4199	0	5116	0.0009	-0.0002	0.0005	6.81E+06	0.240	3635.700	6199	0	5660	0.0008	-0.0001	0.0006	8.26E+06	0.229
1951.790	1200	0	2892	0.0009	-0.0001	0.0007	3.54E+06	0.178	1898.370	2201	0	4494	0.0011	-0.0002	0.0007	5.11E+06	0.233	2675.210	4200	0	5132	0.0009	-0.0002	0.0005	6.89E+06	0.240	3636.700	6200	0	5676	0.0009	-0.0001	0.0006	8.27E+06	0.228
1952.790	1200	0	2923	0.0009	-0.0001	0.0007	3.56E+06	0.178	1899.370	2201	0	4556	0.0011	-0.0002	0.0007	5.05E+06	0.237	2676.210	4200	0	5163	0.0009	-0.0002	0.0005	6.96E+06	0.241	3637.700	6201	0	5754	0.0008	-0.0001	0.0006	8.28E+06	0.230
1953.790	1200	0	2939	0.0009	-0.0001	0.0007	3.60E+06	0.176	1900.370	2201	0	4556	0.0011	-0.0002	0.0007	5.07E+06	0.239	2677.210	4198	0	5178	0.0009	-0.0002	0.0005	6.92E+06	0.242	3638.700	6199	0	5800	0.0008	-0.0001	0.0006	8.27E+06	0.230
1954.790	1202	0	2955	0.0009	-0.0001	0.0007	3.60E+06	0.175	1901.370	2202	0	4572	0.0011	-0.0002	0.0007	5.03E+06	0.238	2678.210	4201	0	5194	0.0009	-0.0002	0.0005	6.92E+06	0.238	3639.700	6200	0	5800	0.0009	-0.0001	0.0006	8.31E+06	0.229
1955.790	1199	0	2939	0.0010	-0.0001	0.0007	3.62E+06	0.172	1902.370	2201	0	4603	0.0011	-0.0002	0.0007	5.04E+06	0.239	2679.210	4201	0	5240	0.0009	-0.0002	0.0005	6.97E+06	0.239	3640.700	6199	0	5847	0.0009	-0.0001	0.0006	8.31E+06	0.230
1956.790	1200	0	2970	0.0010	-0.0001	0.0007	3.67E+06	0.171	1903.370	2201	0	4603	0.0011	-0.0002	0.0007	5.02E+06	0.239	2680.210	4202	0	5272	0.0009	-0.0002	0.0005	6.99E+06	0.239	3641.700	6199	0	5894	0.0009	-0.0001	0.0006	8.30E+06	0.228
1957.790	1200	0	2986	0.0010	-0.0001	0.0007	3.68E+06	0.172	1904.370	2200	0	4650	0.0011	-0.0002	0.0007	5.06E+06	0.240	2681.210	4198	0	5272	0.0009	-0.0002	0.0005	7.00E+06	0.241	3642.700	6199	0	5894	0.0009	-0.0001	0.0006	8.30E+06	0.228
1958.790	1202	0	3001	0.0010	-0.0001	0.0007	3.69E+06	0.170	1905.370	2201	0	4665	0.0011	-0.0002	0.0007	5.08E+06	0.241	2682.210	4199	0	5303	0.0009	-0.0002	0.0005	7.01E+06	0.240	3643.700	6200	0	5987	0.0009	-0.0001	0.0006	8.32E+06	0.231
1959.780	1201	0	3001	0.0010	-0.0001	0.0007	3.69E+06	0.169	1906.370	2200	0	4650	0.0011	-0.0002	0.0007	5.08E+06	0.243	2683.210	4201	0	5365	0.0009	-0.0002	0.0006	6.99E+06	0.241	3644.700	6199	0	6034	0.0009	-0.0001	0.0006	8.30E+06	0.231
1960.780	1202	0	3048	0.0010	-0.0001	0.0008	3.67E+06	0.170	1907.370	2200	0	4696	0.0011	-0.0002	0.0007	5.04E+06	0.243	2684.210	4202	0	5380	0.0009	-0.0002	0.0005	7.01E+06	0.243	3645.700	6201	0	6065	0.0009	-0.0001	0.0006	8.27E+06	0.230
1961.780	1199	0	3032	0.0010	-0.0001	0.0008	3.69E+06	0.171	1908.370	2201	0	4681	0.0011	-0.0002	0.0007	5.07E+06	0.243	2685.210	4200	0	5412	0.0009	-0.0002	0.0005	7.06E+06	0.242	3646.700	6201	0	6111	0.0009	-0.0001	0.0006	8.25E+06	0.231
1962.780	1201	0	3095	0.0010	-0.0001	0.0008	3.71E+06	0.169	1909.370	2200	0	4743	0.0011	-0.0002	0.0007	5.10E+06	0.243	2686.210	4201	0	5427	0.0009	-0.0002	0.0005	7.08E+06	0.241	3647.700	6199	0	6158	0.0009	-0.0001	0.0006	8.20E+06	0.230
1963.780	1201	0	3079	0.0010	-0.0001	0.0008	3.67E+06	0.169	1910.360	2202	0	4758	0.0011	-0.0002	0.0007	5.07E+06	0.245	2687.210	4200	0	5458	0.0009	-0.0002	0.0006	7.06E+06	0.241	3648.700	6201	0	6205	0.0009	-0.0001	0.0006	8.21E+06	0.233
1964.780	1201	0	3110	0.0010	-0.0001	0.0008	3.70E+06	0.170	1911.360	2201	0	4790	0.0011	-0.0002	0.0007	5.07E+06	0.247	2688.210	4202	0	5520	0.0009	-0.0002	0.0006	7.05E+06	0.242	3649.700	6199	0	6236	0.0009	-0.0001	0.0006	8.25E+06	0.234
1965.780	1200	0	3110	0.0010	-0.0001	0.0008	3.72E+06	0.169	1912.360	2200	0	4774	0.0011	-0.0002	0.0007	5.05E+06	0.245	2689.210	4200	0	5536	0.0009	-0.0002	0.0006	7.06E+06	0.241	3650.700	6199	0	6267	0.0009	-0.0002	0.0006	8.21E+06	0.235
1966.780	1199	0	3141	0.0010	-0.0001	0.0008	3.74E+06	0.172	1913.360	2200	0	4805	0.0011	-0.0002	0.0007	5.01E+06	0.243	2690.200	4200	0	5598	0.0009	-0.0002	0.0006	7.03E+06	0.240	3651.700	6199	0	6282	0.0009				

2010.770	1198	0	3903	0.0012	-0.0002	0.0009	4.33E+06	0.204	1957.350	2200	0	5800	0.0013	-0.0003	0.0008	5.75E+06	0.262	2734.190	4198	0	6920	0.0011	-0.0002	0.0007	7.18E+06	0.258	3695.680	6199	0	8553	0.0012	-0.0002	0.0008	8.33E+06	0.243
2011.770	1200	0	3981	0.0012	-0.0002	0.0009	4.37E+06	0.204	1958.350	2201	0	5878	0.0013	-0.0003	0.0008	5.77E+06	0.263	2735.190	4200	0	6967	0.0011	-0.0002	0.0006	7.21E+06	0.258	3696.680	6201	0	8568	0.0012	-0.0002	0.0008	8.33E+06	0.242
2012.770	1199	0	3996	0.0012	-0.0002	0.0009	4.42E+06	0.204	1959.350	2201	0	5847	0.0013	-0.0003	0.0008	5.80E+06	0.263	2736.190	4201	0	6998	0.0011	-0.0002	0.0007	7.27E+06	0.262	3697.680	6199	0	8599	0.0012	-0.0002	0.0008	8.33E+06	0.241
2013.770	1201	0	4012	0.0012	-0.0002	0.0009	4.46E+06	0.204	1960.350	2200	0	5909	0.0013	-0.0003	0.0008	5.83E+06	0.263	2737.190	4199	0	7029	0.0012	-0.0002	0.0007	7.25E+06	0.261	3698.680	6199	0	8630	0.0012	-0.0002	0.0008	8.35E+06	0.239
2014.770	1201	0	4090	0.0012	-0.0002	0.0009	4.48E+06	0.202	1961.350	2199	0	5940	0.0013	-0.0003	0.0008	5.81E+06	0.263	2738.190	4199	0	7044	0.0012	-0.0002	0.0007	7.26E+06	0.262	3699.680	6199	0	8677	0.0012	-0.0002	0.0008	8.35E+06	0.240
2015.770	1199	0	4152	0.0013	-0.0002	0.0009	4.54E+06	0.203	1962.350	2200	0	5940	0.0013	-0.0003	0.0008	5.83E+06	0.263	2739.190	4200	0	7075	0.0012	-0.0002	0.0007	7.27E+06	0.263	3700.680	6199	0	8662	0.0012	-0.0002	0.0008	8.46E+06	0.243
2016.770	1200	0	4199	0.0013	-0.0002	0.0009	4.61E+06	0.202	1963.350	2201	0	5987	0.0013	-0.0003	0.0008	5.82E+06	0.262	2740.190	4200	0	7107	0.0012	-0.0002	0.0007	7.26E+06	0.263	3701.680	6199	0	8708	0.0012	-0.0002	0.0008	8.48E+06	0.243
2017.770	1199	0	4245	0.0013	-0.0002	0.0010	4.63E+06	0.201	1964.350	2200	0	6002	0.0013	-0.0003	0.0008	5.80E+06	0.261	2741.190	4199	0	7169	0.0012	-0.0002	0.0007	7.25E+06	0.261	3702.680	6200	0	8724	0.0012	-0.0002	0.0008	8.49E+06	0.250
2018.770	1202	0	4292	0.0013	-0.0002	0.0010	4.69E+06	0.199	1965.350	2199	0	6034	0.0013	-0.0003	0.0008	5.79E+06	0.261	2742.190	4200	0	7184	0.0012	-0.0002	0.0007	7.34E+06	0.263	3703.680	6199	0	8770	0.0012	-0.0002	0.0008	8.52E+06	0.250
2019.770	1200	0	4323	0.0013	-0.0002	0.0009	4.72E+06	0.199	1966.350	2200	0	6065	0.0014	-0.0003	0.0008	5.82E+06	0.263	2743.190	4201	0	7246	0.0012	-0.0003	0.0007	7.36E+06	0.262	3704.680	6199	0	8817	0.0012	-0.0002	0.0008	8.54E+06	0.251
2020.770	1200	0	4354	0.0013	-0.0002	0.0010	4.75E+06	0.199	1967.350	2201	0	6096	0.0014	-0.0003	0.0008	5.79E+06	0.263	2744.190	4202	0	7293	0.0012	-0.0003	0.0007	7.38E+06	0.262	3705.680	6199	0	8817	0.0012	-0.0002	0.0008	8.62E+06	0.246
2021.770	1200	0	4432	0.0013	-0.0002	0.0010	4.76E+06	0.200	1968.350	2200	0	6127	0.0014	-0.0003	0.0008	5.74E+06	0.263	2745.190	4198	0	7324	0.0012	-0.0003	0.0007	7.42E+06	0.260	3706.680	6200	0	8864	0.0012	-0.0002	0.0008	8.70E+06	0.244
2022.760	1201	0	4447	0.0013	-0.0002	0.0010	4.76E+06	0.199	1969.350	2200	0	6142	0.0014	-0.0003	0.0008	5.75E+06	0.265	2746.190	4200	0	7355	0.0012	-0.0003	0.0007	7.45E+06	0.262	3707.680	6199	0	8879	0.0012	-0.0002	0.0008	8.72E+06	0.242
2023.760	1202	0	4479	0.0013	-0.0002	0.0010	4.75E+06	0.200	1970.350	2201	0	6174	0.0014	-0.0003	0.0008	5.75E+06	0.266	2747.190	4200	0	7355	0.0012	-0.0003	0.0007	7.43E+06	0.263	3708.680	6200	0	8910	0.0012	-0.0002	0.0008	8.75E+06	0.241
2024.760	1199	0	4510	0.0013	-0.0002	0.0010	4.75E+06	0.201	1971.350	2200	0	6174	0.0014	-0.0003	0.0008	5.78E+06	0.268	2748.190	4198	0	7402	0.0012	-0.0003	0.0007	7.42E+06	0.262	3709.680	6201	0	8926	0.0012	-0.0002	0.0008	8.79E+06	0.245
2025.760	1199	0	4541	0.0013	-0.0002	0.0010	4.76E+06	0.200	1972.340	2201	0	6220	0.0014	-0.0003	0.0008	5.76E+06	0.267	2749.190	4198	0	7418	0.0012	-0.0003	0.0007	7.35E+06	0.260	3710.680	6200	0	9004	0.0012	-0.0002	0.0008	8.85E+06	0.248
2026.760	1200	0	4572	0.0013	-0.0002	0.0010	4.75E+06	0.201	1973.340	2201	0	6251	0.0014	-0.0003	0.0008	5.72E+06	0.267	2750.190	4199	0	7464	0.0012	-0.0003	0.0007	7.34E+06	0.261	3711.680	6201	0	9004	0.0012	-0.0002	0.0008	8.83E+06	0.247
2027.760	1201	0	4618	0.0014	-0.0002	0.0010	4.73E+06	0.202	1974.340	2200	0	6298	0.0014	-0.0003	0.0009	5.71E+06	0.265	2751.190	4200	0	7495	0.0012	-0.0003	0.0007	7.37E+06	0.262	3712.680	6201	0	9050	0.0012	-0.0002	0.0008	8.84E+06	0.246
2028.760	1200	0	4681	0.0014	-0.0002	0.0010	4.69E+06	0.202	1975.340	2201	0	6313	0.0014	-0.0003	0.0008	5.72E+06	0.267	2752.190	4200	0	7542	0.0012	-0.0003	0.0007	7.38E+06	0.260	3713.680	6201	0	9081	0.0012	-0.0002	0.0008	8.82E+06	0.243
2029.760	1201	0	4665	0.0014	-0.0002	0.0010	4.65E+06	0.203	1976.340	2201	0	6345	0.0014	-0.0003	0.0009	5.73E+06	0.268	2753.180	4201	0	7573	0.0012	-0.0003	0.0007	7.31E+06	0.256	3714.680	6199	0	9097	0.0012	-0.0002	0.0008	8.82E+06	0.244
2030.760	1200	0	4665	0.0014	-0.0002	0.0010	4.61E+06	0.204	1977.340	2200	0	6391	0.0014	-0.0003	0.0009	5.73E+06	0.271	2754.180	4201	0	7604	0.0012	-0.0003	0.0007	7.32E+06	0.257	3715.680	6200	0	9159	0.0013	-0.0002	0.0008	8.77E+06	0.245
2031.760	1200	0	4727	0.0014	-0.0002	0.0010	4.57E+06	0.204	1978.340	2201	0	6407	0.0014	-0.0003	0.0009	5.76E+06	0.272	2755.180	4199	0	7635	0.0012	-0.0003	0.0007	7.28E+06	0.257	3716.680	6200	0	9190	0.0013	-0.0002	0.0008	8.80E+06	0.247
2032.760	1200	0	4774	0.0014	-0.0002	0.0010	4.50E+06	0.206	1979.340	2200	0	6438	0.0014	-0.0003	0.0009	5.78E+06	0.270	2756.180	4199	0	7682	0.0012	-0.0003	0.0007	7.28E+06	0.258	3717.680	6200	0	9221	0.0013	-0.0002	0.0008	8.85E+06	0.246
2033.760	1201	0	4774	0.0014	-0.0002	0.0010	4.45E+06	0.208	1980.340	2201	0	6485	0.0014	-0.0003	0.0008	5.80E+06	0.271	2757.180	4199	0	7697	0.0012	-0.0003	0.0007	7.29E+06	0.258	3718.680	6200	0	9252	0.0013	-0.0002	0.0008	8.84E+06	0.248
2034.760	1200	0	4805	0.0014	-0.0002	0.0010	4.40E+06	0.211	1981.340	2201	0	6516	0.0014	-0.0003	0.0009	5.82E+06	0.270	2758.180	4200	0	7729	0.0012	-0.0003	0.0007	7.28E+06	0.258	3719.680	6200	0	9299	0.0013	-0.0002	0.0008	8.84E+06	0.249
2035.760	1199	0	4821	0.0014	-0.0002	0.0010	4.35E+06	0.212	1982.340	2199	0	6516	0.0014	-0.0003	0.0009	5.83E+06	0.273	2759.180	4200	0	7760	0.0012	-0.0003	0.0007	7.30E+06	0.257	3720.680	6201	0	9330	0.0013	-0.0002	0.0008	8.81E+06	0.250
2036.760	1200	0	4836	0.0014	-0.0002	0.0010	4.31E+06	0.214	1983.340	2201	0	6578	0.0014	-0.0003	0.0009	5.83E+06	0.275	2760.180	4201	0	7822	0.0013	-0.0003	0.0007	7.32E+06	0.258	3721.680	6200	0	9346	0.0013	-0.0002	0.0008	8.81E+06	0.249
2037.760	1203	0	4852	0.0014	-0.0002	0.0010	4.29E+06	0.216	1984.340	2200	0	6578	0.0014	-0.0003	0.0009	5.88E+06	0.278	2761.180	4198	0	7837	0.0013	-0.0003	0.0007	7.33E+06	0.261	3722.680	6200	0	9408	0.0013	-0.0002	0.0008	8.79E+06	0.247
2038.760	1200	0	4883	0.0014	-0.0002	0.0010	4.26E+06	0.217	1985.340	2200	0	6640	0.0014	-0.0003	0.0009	5.87E+06	0.279	2762.180	4199	0	7884	0.0013	-0.0003	0.0007	7.33E+06	0.260	3723.680	6200	0	9424	0.0013	-0.0002	0.0008	8.74E+06	0.248
2039.760	1201	0	4914	0.0014	-0.0002	0.0010	4.22E+06	0.217	1986.340	2201	0	6656	0.0014	-0.0003	0.0009	5.88E+06	0.282	2763.180	4200	0	7915	0.0013	-0.0003	0.0007	7.30E+06	0.259	3724.670	6199	0	9455	0.0013	-0.0002	0.0008	8.75E+06	0.248
2040.760	1202	0	4929	0.0014	-0.0002	0.0010	4.22E+06	0.216	1987.340	2200	0	6702	0.0015	-0.0003	0.0009	5.87E+06	0.282	2764.180	4199	0	7915	0.0013	-0.0003	0.0007	7.31E+06	0.259	3725.670	6199	0	9486	0.0013	-0.0002	0.0008	8.77E+06	0.249
2041.760	1200	0	4945	0.0014	-0.0002	0.0010	4.21E+06	0.218	1988.340	2201	0	6733	0.0015	-0.0003	0.0009	5.88E+06	0.284	2765.180	4200	0	7946	0.0013	-0.0003	0.0007	7.31E+06	0.260	3726.670	6199	0	9532	0.0013	-0.0002	0.0008	8.77E+06	0.249
2042.760	1201	0	4961	0.0015	-0.0002	0.0010	4.20E+06	0.220	1989.340	2201	0	6764	0.0015	-0.0003	0.0009	5.89E+06	0.285	2766.180	4202	0	8008	0.0013	-0.0003	0.0007	7.31E+06	0.259	3727.670	6200	0	9564	0.0013				

2086.740	1201	0	5691	0.0016	-0.0002	0.0011	4.31E+06	0.244	2033.330	2200	0	8102	0.0017	-0.0004	0.0010	6.63E+06	0.299	2810.170	4202	0	9703	0.0015	-0.0003	0.0008	7.75E+06	0.278	3771.660	6199	0	11352	0.0015	-0.0003	0.0009	8.79E+06	0.270
2087.740	1202	0	5691	0.0016	-0.0002	0.0011	4.33E+06	0.242	2034.330	2201	0	8133	0.0017	-0.0004	0.0010	6.64E+06	0.298	2811.170	4200	0	9750	0.0015	-0.0003	0.0008	7.74E+06	0.280	3772.660	6199	0	11398	0.0015	-0.0003	0.0009	8.78E+06	0.268
2088.740	1200	0	5707	0.0016	-0.0002	0.0011	4.34E+06	0.245	2035.320	2201	0	8164	0.0017	-0.0004	0.0010	6.67E+06	0.299	2812.170	4199	0	9781	0.0015	-0.0003	0.0008	7.73E+06	0.281	3773.660	6199	0	11445	0.0015	-0.0003	0.0009	8.72E+06	0.265
2089.740	1200	0	5738	0.0016	-0.0002	0.0011	4.36E+06	0.247	2036.320	2200	0	8195	0.0017	-0.0004	0.0010	6.66E+06	0.299	2813.170	4200	0	9797	0.0015	-0.0003	0.0008	7.73E+06	0.281	3774.660	6199	0	11507	0.0015	-0.0003	0.0009	8.67E+06	0.268
2090.740	1199	0	5723	0.0016	-0.0002	0.0011	4.36E+06	0.246	2037.320	2201	0	8273	0.0017	-0.0004	0.0010	6.67E+06	0.299	2814.170	4201	0	9843	0.0015	-0.0003	0.0008	7.70E+06	0.280	3775.660	6201	0	11523	0.0015	-0.0003	0.0009	8.68E+06	0.267
2091.740	1201	0	5754	0.0016	-0.0002	0.0011	4.37E+06	0.243	2038.320	2200	0	8257	0.0017	-0.0004	0.0010	6.65E+06	0.299	2815.160	4203	0	9875	0.0015	-0.0003	0.0008	7.68E+06	0.280	3776.660	6200	0	11554	0.0015	-0.0003	0.0009	8.69E+06	0.266
2092.740	1200	0	5800	0.0016	-0.0002	0.0011	4.34E+06	0.243	2039.320	2201	0	8288	0.0017	-0.0004	0.0010	6.65E+06	0.299	2816.160	4200	0	9937	0.0016	-0.0003	0.0009	7.69E+06	0.282	3777.660	6199	0	11601	0.0015	-0.0003	0.0009	8.68E+06	0.265
2093.740	1201	0	5800	0.0016	-0.0003	0.0011	4.33E+06	0.246	2040.320	2201	0	8335	0.0017	-0.0004	0.0010	6.65E+06	0.299	2817.160	4201	0	9968	0.0015	-0.0003	0.0008	7.75E+06	0.282	3778.660	6200	0	11647	0.0015	-0.0003	0.0009	8.68E+06	0.264
2094.740	1201	0	5831	0.0016	-0.0003	0.0011	4.33E+06	0.244	2041.320	2201	0	8382	0.0017	-0.0004	0.0010	6.66E+06	0.300	2818.160	4200	0	9999	0.0015	-0.0003	0.0008	7.77E+06	0.281	3779.660	6199	0	11663	0.0015	-0.0003	0.0009	8.66E+06	0.265
2095.740	1199	0	5847	0.0016	-0.0003	0.0011	4.33E+06	0.243	2042.320	2200	0	8428	0.0017	-0.0004	0.0010	6.67E+06	0.301	2819.160	4201	0	10030	0.0015	-0.0003	0.0009	7.74E+06	0.280	3780.660	6199	0	11741	0.0015	-0.0003	0.0009	8.70E+06	0.266
2096.740	1199	0	5847	0.0017	-0.0003	0.0011	4.33E+06	0.243	2043.320	2199	0	8491	0.0017	-0.0004	0.0010	6.67E+06	0.302	2820.160	4200	0	10061	0.0015	-0.0003	0.0009	7.78E+06	0.284	3781.660	6199	0	11772	0.0016	-0.0003	0.0009	8.67E+06	0.266
2097.740	1201	0	5878	0.0017	-0.0003	0.0011	4.35E+06	0.243	2044.320	2199	0	8553	0.0018	-0.0004	0.0010	6.65E+06	0.303	2821.160	4200	0	10108	0.0016	-0.0003	0.0009	7.74E+06	0.283	3782.660	6200	0	11849	0.0016	-0.0003	0.0009	8.69E+06	0.265
2098.740	1201	0	5925	0.0016	-0.0003	0.0011	4.34E+06	0.241	2045.320	2199	0	8553	0.0018	-0.0004	0.0010	6.59E+06	0.304	2822.160	4201	0	10139	0.0016	-0.0004	0.0009	7.77E+06	0.282	3783.660	6199	0	11896	0.0016	-0.0003	0.0009	8.69E+06	0.265
2099.740	1201	0	5909	0.0017	-0.0003	0.0012	4.33E+06	0.243	2046.320	2200	0	8630	0.0018	-0.0004	0.0010	6.61E+06	0.306	2823.160	4200	0	10170	0.0016	-0.0004	0.0009	7.81E+06	0.282	3784.660	6201	0	11943	0.0016	-0.0003	0.0009	8.66E+06	0.265
2100.740	1201	0	5909	0.0017	-0.0003	0.0012	4.32E+06	0.241	2047.320	2201	0	8662	0.0018	-0.0004	0.0010	6.60E+06	0.304	2824.160	4200	0	10186	0.0016	-0.0004	0.0009	7.78E+06	0.284	3785.660	6199	0	11989	0.0016	-0.0003	0.0009	8.65E+06	0.264
2101.740	1200	0	5971	0.0017	-0.0003	0.0012	4.35E+06	0.241	2048.320	2201	0	8739	0.0018	-0.0004	0.0010	6.60E+06	0.301	2825.160	4200	0	10232	0.0016	-0.0004	0.0009	7.82E+06	0.283	3786.650	6200	0	12036	0.0016	-0.0003	0.0009	8.62E+06	0.267
2102.740	1201	0	5940	0.0017	-0.0003	0.0012	4.37E+06	0.242	2049.320	2201	0	8755	0.0018	-0.0004	0.0010	6.62E+06	0.302	2826.160	4200	0	10263	0.0016	-0.0004	0.0009	7.85E+06	0.285	3787.650	6199	0	12083	0.0016	-0.0003	0.0009	8.64E+06	0.265
2103.740	1200	0	5956	0.0017	-0.0003	0.0012	4.36E+06	0.242	2050.320	2200	0	8833	0.0018	-0.0004	0.0010	6.64E+06	0.303	2827.160	4199	0	10310	0.0016	-0.0004	0.0009	7.83E+06	0.285	3788.650	6200	0	12145	0.0016	-0.0003	0.0010	8.68E+06	0.267
2104.740	1200	0	6002	0.0017	-0.0003	0.0012	4.38E+06	0.241	2051.320	2199	0	8879	0.0018	-0.0004	0.0010	6.62E+06	0.303	2828.160	4201	0	10372	0.0016	-0.0004	0.0009	7.81E+06	0.285	3789.650	6199	0	12192	0.0016	-0.0003	0.0009	8.70E+06	0.266
2105.740	1200	0	6034	0.0017	-0.0003	0.0012	4.43E+06	0.244	2052.320	2201	0	8910	0.0018	-0.0004	0.0010	6.63E+06	0.303	2829.160	4199	0	10357	0.0016	-0.0004	0.0009	7.81E+06	0.285	3790.650	6200	0	12254	0.0016	-0.0003	0.0009	8.70E+06	0.266
2106.740	1200	0	6034	0.0017	-0.0003	0.0012	4.51E+06	0.246	2053.320	2199	0	8941	0.0018	-0.0004	0.0010	6.62E+06	0.304	2830.160	4199	0	10419	0.0016	-0.0004	0.0009	7.79E+06	0.284	3791.650	6199	0	12269	0.0016	-0.0003	0.0009	8.69E+06	0.267
2107.740	1201	0	6049	0.0017	-0.0003	0.0012	4.57E+06	0.246	2054.320	2201	0	8973	0.0018	-0.0004	0.0010	6.62E+06	0.304	2831.160	4200	0	10465	0.0016	-0.0004	0.0009	7.83E+06	0.284	3792.650	6199	0	12331	0.0016	-0.0003	0.0010	8.72E+06	0.267
2108.740	1201	0	6065	0.0017	-0.0003	0.0012	4.61E+06	0.247	2055.320	2201	0	8988	0.0018	-0.0004	0.0010	6.64E+06	0.306	2832.160	4201	0	10481	0.0016	-0.0004	0.0009	7.87E+06	0.286	3793.650	6200	0	12378	0.0016	-0.0003	0.0010	8.74E+06	0.268
2109.740	1199	0	6096	0.0017	-0.0003	0.0012	4.62E+06	0.250	2056.320	2201	0	9050	0.0018	-0.0004	0.0010	6.65E+06	0.306	2833.160	4201	0	10559	0.0016	-0.0004	0.0009	7.85E+06	0.286	3794.650	6200	0	12456	0.0016	-0.0003	0.0010	8.75E+06	0.270
2110.740	1203	0	6127	0.0017	-0.0003	0.0012	4.63E+06	0.253	2057.320	2201	0	9066	0.0018	-0.0004	0.0010	6.60E+06	0.309	2834.160	4199	0	10605	0.0016	-0.0004	0.0009	7.91E+06	0.288	3795.650	6199	0	12471	0.0016	-0.0003	0.0010	8.81E+06	0.273
2111.740	1201	0	6127	0.0017	-0.0003	0.0012	4.65E+06	0.253	2058.320	2201	0	9113	0.0018	-0.0004	0.0010	6.61E+06	0.307	2835.160	4200	0	10636	0.0016	-0.0004	0.0009	7.91E+06	0.288	3796.650	6200	0	12487	0.0016	-0.0003	0.0010	8.84E+06	0.272
2112.740	1203	0	6158	0.0017	-0.0003	0.0012	4.68E+06	0.255	2059.320	2201	0	9175	0.0018	-0.0004	0.0010	6.59E+06	0.308	2836.160	4201	0	10714	0.0016	-0.0004	0.0009	7.89E+06	0.289	3797.650	6199	0	12565	0.0016	-0.0003	0.0010	8.88E+06	0.274
2113.740	1202	0	6158	0.0017	-0.0003	0.0012	4.69E+06	0.255	2060.320	2200	0	9190	0.0018	-0.0004	0.0010	6.59E+06	0.308	2837.160	4202	0	10792	0.0016	-0.0004	0.0009	7.91E+06	0.289	3798.650	6200	0	12627	0.0017	-0.0003	0.0010	8.90E+06	0.275
2114.740	1201	0	6189	0.0017	-0.0003	0.0012	4.68E+06	0.256	2061.320	2200	0	9206	0.0019	-0.0004	0.0010	6.55E+06	0.308	2838.160	4199	0	10823	0.0017	-0.0004	0.0009	7.94E+06	0.290	3799.650	6199	0	12642	0.0017	-0.0003	0.0010	8.89E+06	0.275
2115.730	1201	0	6205	0.0017	-0.0003	0.0012	4.70E+06	0.258	2062.320	2201	0	9252	0.0019	-0.0004	0.0010	6.54E+06	0.310	2839.160	4199	0	10870	0.0017	-0.0004	0.0009	7.93E+06	0.292	3800.650	6200	0	12689	0.0017	-0.0003	0.0010	8.95E+06	0.276
2116.730	1200	0	6236	0.0017	-0.0003	0.0012	4.68E+06	0.259	2063.320	2201	0	9299	0.0019	-0.0004	0.0010	6.52E+06	0.310	2840.160	4199	0	10932	0.0017	-0.0004	0.0009	7.95E+06	0.293	3801.650	6199	0	12720	0.0017	-0.0003	0.0010	8.98E+06	0.278
2117.730	1201	0	6251	0.0017	-0.0003	0.0012	4.71E+06	0.261	2064.320	2201	0	9361	0.0019	-0.0004	0.0010	6.55E+06	0.312	2841.160	4199	0	10963	0.0017	-0.0004	0.0009	7.98E+06	0.292	3802.650	6199	0	12782	0.0017	-0.0003	0.0010	9.04E+06	0.281
2118.730	1200	0	6267	0.0018	-0.0003	0.0012	4.72E+06	0.262	2065.320	2201	0	9392	0.0019	-0.0004	0.0010	6.58E+06	0.313	2842.160	4199	0	11041	0.0017	-0.0004	0.0009	7.94E+06										

2162.720	1200	0	7293	0.0019	-0.0003	0.0013	5.00E+06	0.294	2109.300	2200	0	10699	0.0021	-0.0005	0.0011	7.19E+06	0.340	2886.140	4201	0	12782	0.0019	-0.0005	0.0010	8.11E+06	0.289	3847.640	6200	0	15099	0.0019	-0.0004	0.0011	8.85E+06	0.290
2163.720	1201	0	7309	0.0019	-0.0003	0.0013	5.00E+06	0.294	2110.300	2201	0	10730	0.0021	-0.0005	0.0011	7.19E+06	0.338	2887.140	4199	0	12813	0.0019	-0.0005	0.0010	8.06E+06	0.290	3848.640	6199	0	15099	0.0019	-0.0004	0.0011	8.92E+06	0.291
2164.720	1200	0	7355	0.0020	-0.0003	0.0013	5.00E+06	0.295	2111.300	2199	0	10792	0.0021	-0.0005	0.0011	7.13E+06	0.337	2888.140	4201	0	12860	0.0019	-0.0005	0.0010	8.04E+06	0.290	3849.630	6199	0	15115	0.0019	-0.0004	0.0011	8.94E+06	0.290
2165.720	1200	0	7402	0.0020	-0.0003	0.0013	4.99E+06	0.297	2112.300	2200	0	10823	0.0021	-0.0005	0.0011	7.11E+06	0.336	2889.140	4199	0	12876	0.0019	-0.0005	0.0010	8.03E+06	0.292	3850.630	6201	0	15115	0.0019	-0.0004	0.0011	9.00E+06	0.289
2166.720	1200	0	7433	0.0020	-0.0003	0.0013	5.03E+06	0.299	2113.300	2199	0	10823	0.0021	-0.0005	0.0011	7.11E+06	0.336	2890.140	4201	0	12922	0.0019	-0.0005	0.0010	8.03E+06	0.295	3851.630	6201	0	15146	0.0019	-0.0004	0.0011	9.03E+06	0.288
2167.720	1200	0	7433	0.0020	-0.0003	0.0013	5.03E+06	0.301	2114.300	2201	0	10870	0.0021	-0.0005	0.0011	7.09E+06	0.338	2891.140	4201	0	12938	0.0019	-0.0005	0.0010	8.04E+06	0.295	3852.630	6199	0	15177	0.0019	-0.0004	0.0011	9.17E+06	0.289
2168.720	1200	0	7464	0.0020	-0.0003	0.0013	5.04E+06	0.301	2115.300	2201	0	10885	0.0021	-0.0005	0.0011	7.14E+06	0.339	2892.140	4200	0	13016	0.0019	-0.0005	0.0010	8.03E+06	0.292	3853.630	6199	0	15193	0.0019	-0.0004	0.0011	9.28E+06	0.292
2169.720	1201	0	7495	0.0020	-0.0003	0.0013	5.06E+06	0.304	2116.300	2199	0	10963	0.0021	-0.0005	0.0011	7.16E+06	0.339	2893.140	4200	0	13047	0.0019	-0.0005	0.0010	7.99E+06	0.293	3854.630	6200	0	15224	0.0019	-0.0004	0.0011	9.27E+06	0.291
2170.720	1200	0	7511	0.0020	-0.0003	0.0013	5.04E+06	0.305	2117.300	2199	0	10963	0.0021	-0.0005	0.0011	7.13E+06	0.339	2894.140	4199	0	13093	0.0019	-0.0005	0.0010	7.98E+06	0.292	3855.630	6200	0	15239	0.0019	-0.0004	0.0011	9.35E+06	0.292
2171.720	1200	0	7542	0.0020	-0.0003	0.0013	5.03E+06	0.305	2118.300	2201	0	11010	0.0021	-0.0005	0.0011	7.11E+06	0.337	2895.140	4201	0	13125	0.0019	-0.0005	0.0010	7.99E+06	0.291	3856.630	6199	0	15302	0.0019	-0.0004	0.0011	9.47E+06	0.289
2172.720	1200	0	7573	0.0020	-0.0003	0.0013	5.05E+06	0.304	2119.300	2201	0	11025	0.0021	-0.0005	0.0011	7.11E+06	0.338	2896.140	4200	0	13125	0.0019	-0.0005	0.0010	8.00E+06	0.291	3857.630	6200	0	15271	0.0019	-0.0004	0.0011	9.55E+06	0.290
2173.720	1200	0	7589	0.0020	-0.0004	0.0013	5.04E+06	0.304	2120.300	2201	0	11087	0.0021	-0.0005	0.0011	7.08E+06	0.337	2897.140	4200	0	13202	0.0019	-0.0005	0.0010	8.02E+06	0.292	3858.630	6199	0	15302	0.0020	-0.0004	0.0011	9.60E+06	0.289
2174.720	1200	0	7604	0.0020	-0.0003	0.0013	5.02E+06	0.305	2121.300	2201	0	11087	0.0021	-0.0005	0.0011	7.11E+06	0.336	2898.140	4201	0	13233	0.0019	-0.0005	0.0010	8.06E+06	0.295	3859.630	6199	0	15348	0.0019	-0.0004	0.0011	9.70E+06	0.288
2175.720	1201	0	7651	0.0020	-0.0004	0.0013	5.00E+06	0.306	2122.300	2200	0	11165	0.0021	-0.0005	0.0011	7.11E+06	0.335	2899.140	4201	0	13264	0.0019	-0.0005	0.0010	8.03E+06	0.295	3860.630	6199	0	15395	0.0019	-0.0004	0.0011	9.69E+06	0.286
2176.720	1200	0	7666	0.0020	-0.0004	0.0013	5.03E+06	0.305	2123.300	2201	0	11165	0.0021	-0.0005	0.0011	7.06E+06	0.336	2900.140	4202	0	13249	0.0020	-0.0005	0.0010	8.01E+06	0.297	3861.630	6199	0	15426	0.0020	-0.0004	0.0011	9.80E+06	0.287
2177.720	1199	0	7682	0.0020	-0.0004	0.0013	5.04E+06	0.307	2124.300	2201	0	11212	0.0021	-0.0005	0.0011	7.08E+06	0.337	2901.140	4201	0	13296	0.0019	-0.0005	0.0010	8.06E+06	0.297	3862.630	6200	0	15442	0.0020	-0.0004	0.0011	9.84E+06	0.285
2178.710	1201	0	7697	0.0020	-0.0004	0.0013	5.04E+06	0.307	2125.300	2199	0	11258	0.0021	-0.0005	0.0011	7.08E+06	0.337	2902.140	4199	0	13342	0.0020	-0.0005	0.0010	8.07E+06	0.298	3863.630	6199	0	15457	0.0020	-0.0004	0.0011	9.84E+06	0.286
2179.710	1200	0	7744	0.0020	-0.0004	0.0013	5.05E+06	0.308	2126.300	2199	0	11290	0.0021	-0.0005	0.0011	7.08E+06	0.336	2903.140	4200	0	13358	0.0020	-0.0005	0.0010	8.05E+06	0.298	3864.630	6199	0	15519	0.0020	-0.0004	0.0011	9.80E+06	0.284
2180.710	1200	0	7760	0.0020	-0.0004	0.0013	5.08E+06	0.310	2127.300	2201	0	11321	0.0022	-0.0005	0.0011	7.12E+06	0.336	2904.140	4201	0	13420	0.0020	-0.0005	0.0010	8.11E+06	0.300	3865.630	6199	0	15566	0.0020	-0.0004	0.0011	9.86E+06	0.285
2181.710	1202	0	7791	0.0020	-0.0004	0.0013	5.10E+06	0.309	2128.290	2199	0	11352	0.0022	-0.0005	0.0011	7.18E+06	0.335	2905.140	4200	0	13436	0.0020	-0.0005	0.0010	8.09E+06	0.302	3866.630	6199	0	15613	0.0020	-0.0004	0.0011	9.82E+06	0.286
2182.710	1199	0	7853	0.0021	-0.0004	0.0013	5.11E+06	0.310	2129.290	2201	0	11398	0.0022	-0.0005	0.0011	7.13E+06	0.336	2906.140	4202	0	13498	0.0020	-0.0005	0.0010	8.08E+06	0.303	3867.630	6200	0	15675	0.0020	-0.0004	0.0011	9.85E+06	0.288
2183.710	1201	0	7853	0.0021	-0.0004	0.0013	5.12E+06	0.310	2130.290	2200	0	11430	0.0022	-0.0005	0.0011	7.14E+06	0.335	2907.140	4200	0	13513	0.0020	-0.0005	0.0010	8.12E+06	0.305	3868.630	6199	0	15768	0.0020	-0.0004	0.0011	9.83E+06	0.288
2184.710	1203	0	7884	0.0021	-0.0004	0.0013	5.12E+06	0.309	2131.290	2201	0	11430	0.0022	-0.0005	0.0011	7.14E+06	0.337	2908.140	4200	0	13544	0.0020	-0.0005	0.0010	8.12E+06	0.305	3869.630	6200	0	15846	0.0020	-0.0004	0.0011	9.76E+06	0.288
2185.710	1200	0	7900	0.0021	-0.0004	0.0013	5.14E+06	0.311	2132.290	2200	0	11507	0.0022	-0.0005	0.0011	7.14E+06	0.336	2909.130	4199	0	13591	0.0020	-0.0005	0.0010	8.11E+06	0.306	3870.630	6199	0	15955	0.0020	-0.0004	0.0011	9.73E+06	0.290
2186.710	1200	0	7946	0.0021	-0.0004	0.0013	5.14E+06	0.311	2133.290	2201	0	11523	0.0022	-0.0005	0.0011	7.16E+06	0.336	2910.130	4198	0	13638	0.0020	-0.0005	0.0010	8.12E+06	0.307	3871.630	6200	0	16017	0.0020	-0.0004	0.0011	9.70E+06	0.290
2187.710	1201	0	7962	0.0021	-0.0004	0.0013	5.14E+06	0.311	2134.290	2201	0	11554	0.0022	-0.0005	0.0012	7.16E+06	0.336	2911.130	4201	0	13669	0.0020	-0.0005	0.0010	8.10E+06	0.310	3872.630	6199	0	16017	0.0020	-0.0004	0.0011	9.65E+06	0.292
2188.710	1201	0	7993	0.0021	-0.0004	0.0013	5.13E+06	0.314	2135.290	2200	0	11601	0.0022	-0.0005	0.0012	7.13E+06	0.338	2912.130	4200	0	13700	0.0020	-0.0005	0.0010	8.08E+06	0.310	3873.630	6200	0	16126	0.0020	-0.0004	0.0011	9.63E+06	0.293
2189.710	1199	0	8040	0.0021	-0.0004	0.0013	5.16E+06	0.316	2136.290	2201	0	11616	0.0022	-0.0005	0.0012	7.14E+06	0.338	2913.130	4199	0	13715	0.0020	-0.0005	0.0010	8.11E+06	0.311	3874.630	6199	0	16172	0.0020	-0.0004	0.0011	9.62E+06	0.295
2190.710	1201	0	8024	0.0021	-0.0004	0.0013	5.17E+06	0.317	2137.290	2201	0	11678	0.0022	-0.0005	0.0012	7.17E+06	0.339	2914.130	4201	0	13762	0.0020	-0.0005	0.0010	8.12E+06	0.311	3875.630	6200	0	16266	0.0020	-0.0004	0.0011	9.54E+06	0.296
2191.710	1200	0	8102	0.0021	-0.0004	0.0013	5.17E+06	0.318	2138.290	2201	0	11678	0.0022	-0.0005	0.0012	7.16E+06	0.340	2915.130	4200	0	13824	0.0020	-0.0005	0.0010	8.13E+06	0.311	3876.630	6200	0	16297	0.0021	-0.0005	0.0012	9.51E+06	0.298
2192.710	1202	0	8086	0.0021	-0.0004	0.0013	5.19E+06	0.318	2139.290	2202	0	11725	0.0022	-0.0005	0.0011	7.15E+06	0.341	2916.130	4199	0	13886	0.0020	-0.0005	0.0010	8.13E+06	0.311	3877.630	6200	0	16375	0.0021	-0.0005	0.0011	9.52E+06	0.301
2193.710	1200	0	8133	0.0021	-0.0004	0.0013	5.21E+06	0.319	2140.290	2201	0	11787	0.0022	-0.0005	0.0012	7.19E+06	0.342	2917.130	4200	0	13886	0.0020	-0.0005	0.0011	8.11E+06	0.312	3878.630	6200	0	16406	0.0020	-0.0005	0.0011	9.44E+06	0.301
2194.710	1201	0	8180	0.0021	-0.0004	0.0013	5.22E+06	0.320	2141.290	2201	0	11803	0.0022	-0.0005	0.0012	7.14E+06	0.343	2918.130	4201	0	13980	0													

2238.700	1200	0	9501	0.0024	-0.0005	0.0014	5.74E+06	0.364	2185.280	2200	0	13855	0.0025	-0.0006	0.0012	7.29E+06	0.382	2962.120	4199	0	16141	0.0023	-0.0006	0.0011	8.36E+06	0.336	3923.610	6199	0	18614	0.0023	-0.0005	0.0012	9.55E+06	0.310
2239.700	1201	0	9532	0.0024	-0.0005	0.0014	5.73E+06	0.365	2186.280	2201	0	13887	0.0025	-0.0006	0.0012	7.29E+06	0.382	2963.120	4200	0	16188	0.0023	-0.0006	0.0011	8.36E+06	0.336	3924.610	6200	0	18660	0.0023	-0.0005	0.0012	9.63E+06	0.313
2240.690	1201	0	9595	0.0024	-0.0005	0.0014	5.73E+06	0.368	2187.280	2199	0	13902	0.0025	-0.0006	0.0012	7.31E+06	0.382	2964.120	4199	0	16203	0.0023	-0.0006	0.0011	8.38E+06	0.335	3925.610	6199	0	18707	0.0023	-0.0005	0.0012	9.69E+06	0.316
2241.690	1201	0	9610	0.0024	-0.0005	0.0014	5.76E+06	0.370	2188.280	2201	0	13964	0.0025	-0.0006	0.0012	7.35E+06	0.385	2965.120	4199	0	16281	0.0023	-0.0006	0.0011	8.43E+06	0.337	3926.610	6200	0	18723	0.0023	-0.0005	0.0012	9.65E+06	0.317
2242.690	1201	0	9672	0.0024	-0.0005	0.0014	5.74E+06	0.371	2189.280	2201	0	13995	0.0025	-0.0006	0.0012	7.31E+06	0.386	2966.120	4201	0	16312	0.0023	-0.0006	0.0012	8.39E+06	0.337	3927.610	6199	0	18769	0.0023	-0.0005	0.0012	9.65E+06	0.318
2243.690	1199	0	9688	0.0024	-0.0005	0.0014	5.76E+06	0.373	2190.280	2201	0	13995	0.0025	-0.0006	0.0013	7.30E+06	0.386	2967.120	4200	0	16312	0.0023	-0.0006	0.0011	8.43E+06	0.339	3928.610	6200	0	18816	0.0023	-0.0005	0.0012	9.67E+06	0.320
2244.690	1201	0	9719	0.0024	-0.0005	0.0014	5.75E+06	0.374	2191.270	2200	0	14042	0.0025	-0.0006	0.0012	7.34E+06	0.386	2968.120	4198	0	16359	0.0023	-0.0006	0.0012	8.45E+06	0.340	3929.610	6199	0	18847	0.0023	-0.0005	0.0012	9.58E+06	0.319
2245.690	1201	0	9719	0.0024	-0.0005	0.0014	5.73E+06	0.375	2192.270	2201	0	14089	0.0025	-0.0006	0.0012	7.31E+06	0.387	2969.120	4203	0	16390	0.0023	-0.0006	0.0012	8.46E+06	0.343	3930.610	6200	0	18909	0.0023	-0.0005	0.0012	9.49E+06	0.321
2246.690	1202	0	9781	0.0024	-0.0005	0.0014	5.73E+06	0.378	2193.270	2200	0	14104	0.0025	-0.0006	0.0012	7.34E+06	0.387	2970.120	4200	0	16437	0.0023	-0.0006	0.0012	8.47E+06	0.341	3931.610	6201	0	18956	0.0023	-0.0005	0.0012	9.33E+06	0.323
2247.690	1202	0	9812	0.0024	-0.0005	0.0014	5.73E+06	0.380	2194.270	2200	0	14135	0.0025	-0.0006	0.0012	7.39E+06	0.384	2971.110	4200	0	16483	0.0023	-0.0006	0.0012	8.45E+06	0.341	3932.610	6199	0	18972	0.0023	-0.0005	0.0013	9.22E+06	0.324
2248.690	1202	0	9843	0.0024	-0.0005	0.0014	5.73E+06	0.379	2195.270	2202	0	14182	0.0025	-0.0006	0.0013	7.39E+06	0.385	2972.110	4201	0	16483	0.0023	-0.0006	0.0012	8.48E+06	0.344	3933.610	6200	0	19034	0.0023	-0.0005	0.0013	9.29E+06	0.323
2249.690	1201	0	9843	0.0024	-0.0005	0.0014	5.74E+06	0.382	2196.270	2200	0	14213	0.0026	-0.0007	0.0012	7.33E+06	0.382	2973.110	4200	0	16546	0.0024	-0.0006	0.0012	8.50E+06	0.344	3934.610	6200	0	19065	0.0023	-0.0005	0.0012	9.38E+06	0.320
2250.690	1199	0	9906	0.0024	-0.0005	0.0014	5.74E+06	0.385	2197.270	2200	0	14260	0.0026	-0.0007	0.0013	7.36E+06	0.383	2974.110	4200	0	16561	0.0023	-0.0006	0.0012	8.41E+06	0.342	3935.610	6200	0	19096	0.0023	-0.0005	0.0013	9.27E+06	0.321
2251.690	1201	0	9921	0.0024	-0.0005	0.0014	5.75E+06	0.386	2198.270	2200	0	14291	0.0026	-0.0007	0.0012	7.35E+06	0.383	2975.110	4200	0	16577	0.0023	-0.0006	0.0012	8.47E+06	0.340	3936.610	6199	0	19158	0.0024	-0.0006	0.0013	9.26E+06	0.318
2252.690	1200	0	9952	0.0024	-0.0005	0.0014	5.74E+06	0.388	2199.270	2199	0	14291	0.0026	-0.0007	0.0012	7.39E+06	0.383	2976.110	4199	0	16639	0.0024	-0.0006	0.0012	8.39E+06	0.341	3937.610	6199	0	19174	0.0024	-0.0005	0.0013	9.29E+06	0.319
2253.690	1202	0	9983	0.0024	-0.0005	0.0014	5.71E+06	0.389	2200.270	2201	0	14337	0.0026	-0.0007	0.0013	7.39E+06	0.384	2977.110	4200	0	16686	0.0024	-0.0006	0.0012	8.39E+06	0.342	3938.610	6199	0	19220	0.0024	-0.0006	0.0013	9.26E+06	0.321
2254.690	1199	0	10030	0.0024	-0.0005	0.0014	5.73E+06	0.393	2201.270	2200	0	14369	0.0026	-0.0007	0.0013	7.39E+06	0.385	2978.110	4199	0	16686	0.0024	-0.0006	0.0012	8.41E+06	0.343	3939.610	6199	0	19236	0.0024	-0.0006	0.0013	9.25E+06	0.321
2255.690	1201	0	10061	0.0025	-0.0005	0.0014	5.72E+06	0.392	2202.270	2200	0	14415	0.0026	-0.0007	0.0013	7.36E+06	0.385	2979.110	4201	0	16732	0.0024	-0.0006	0.0012	8.47E+06	0.344	3940.610	6199	0	19283	0.0024	-0.0006	0.0013	9.19E+06	0.318
2256.690	1199	0	10077	0.0025	-0.0005	0.0014	5.76E+06	0.394	2203.270	2201	0	14462	0.0026	-0.0007	0.0013	7.33E+06	0.385	2980.110	4201	0	16779	0.0024	-0.0006	0.0012	8.46E+06	0.344	3941.610	6201	0	19329	0.0024	-0.0006	0.0013	9.11E+06	0.319
2257.690	1200	0	10108	0.0025	-0.0005	0.0014	5.72E+06	0.393	2204.270	2200	0	14446	0.0026	-0.0007	0.0013	7.31E+06	0.383	2981.110	4200	0	16794	0.0024	-0.0006	0.0012	8.43E+06	0.345	3942.600	6200	0	19345	0.0024	-0.0006	0.0013	9.20E+06	0.320
2258.690	1200	0	10139	0.0025	-0.0005	0.0015	5.72E+06	0.394	2205.270	2201	0	14509	0.0026	-0.0007	0.0013	7.32E+06	0.381	2982.110	4199	0	16841	0.0024	-0.0006	0.0012	8.45E+06	0.347	3943.600	6199	0	19407	0.0024	-0.0006	0.0013	9.20E+06	0.320
2259.690	1201	0	10139	0.0025	-0.0005	0.0015	5.73E+06	0.395	2206.270	2200	0	14524	0.0026	-0.0007	0.0013	7.29E+06	0.379	2983.110	4198	0	16872	0.0024	-0.0006	0.0012	8.54E+06	0.349	3944.600	6199	0	19469	0.0024	-0.0006	0.0013	9.17E+06	0.320
2260.690	1200	0	10201	0.0025	-0.0005	0.0015	5.71E+06	0.397	2207.270	2201	0	14571	0.0026	-0.0007	0.0013	7.28E+06	0.381	2984.110	4199	0	16919	0.0024	-0.0006	0.0012	8.50E+06	0.346	3945.600	6199	0	19469	0.0024	-0.0006	0.0013	9.24E+06	0.321
2261.690	1200	0	10201	0.0025	-0.0005	0.0015	5.72E+06	0.399	2208.270	2200	0	14602	0.0026	-0.0007	0.0013	7.28E+06	0.381	2985.110	4201	0	16919	0.0024	-0.0006	0.0012	8.59E+06	0.347	3946.600	6199	0	19531	0.0024	-0.0006	0.0013	9.29E+06	0.325
2262.690	1202	0	10217	0.0025	-0.0005	0.0015	5.76E+06	0.400	2209.270	2201	0	14633	0.0026	-0.0007	0.0013	7.29E+06	0.382	2986.110	4200	0	16965	0.0024	-0.0006	0.0012	8.60E+06	0.348	3947.600	6199	0	19578	0.0024	-0.0006	0.0013	9.32E+06	0.327
2263.690	1201	0	10248	0.0025	-0.0005	0.0015	5.78E+06	0.402	2210.270	2202	0	14664	0.0026	-0.0007	0.0013	7.24E+06	0.380	2987.110	4200	0	16997	0.0024	-0.0006	0.0012	8.60E+06	0.345	3948.600	6200	0	19609	0.0024	-0.0006	0.0013	9.39E+06	0.330
2264.690	1201	0	10310	0.0025	-0.0005	0.0015	5.76E+06	0.403	2211.270	2200	0	14711	0.0026	-0.0007	0.0013	7.27E+06	0.381	2988.110	4200	0	17059	0.0024	-0.0006	0.0012	8.64E+06	0.346	3949.600	6200	0	19656	0.0024	-0.0006	0.0013	9.44E+06	0.328
2265.690	1200	0	10310	0.0025	-0.0005	0.0014	5.80E+06	0.407	2212.270	2200	0	14726	0.0026	-0.0007	0.0013	7.27E+06	0.378	2989.110	4201	0	17074	0.0024	-0.0006	0.0012	8.62E+06	0.348	3950.600	6200	0	19687	0.0024	-0.0006	0.0013	9.41E+06	0.328
2266.690	1200	0	10388	0.0025	-0.0005	0.0015	5.81E+06	0.407	2213.270	2199	0	14742	0.0026	-0.0007	0.0013	7.22E+06	0.378	2990.110	4201	0	17105	0.0024	-0.0006	0.0012	8.59E+06	0.350	3951.600	6199	0	19733	0.0024	-0.0006	0.0013	9.45E+06	0.327
2267.690	1200	0	10403	0.0025	-0.0005	0.0015	5.84E+06	0.408	2214.270	2200	0	14757	0.0026	-0.0007	0.0013	7.21E+06	0.379	2991.110	4199	0	17136	0.0024	-0.0006	0.0012	8.71E+06	0.354	3952.600	6200	0	19765	0.0024	-0.0006	0.0013	9.43E+06	0.327
2268.690	1201	0	10434	0.0025	-0.0005	0.0015	5.91E+06	0.410	2215.270	2200	0	14804	0.0026	-0.0007	0.0013	7.23E+06	0.382	2992.110	4199	0	17183	0.0024	-0.0006	0.0012	8.71E+06	0.355	3953.600	6200	0	19811	0.0024	-0.0006	0.0013	9.35E+06	0.325
2269.690	1200	0	10419	0.0025	-0.0005	0.0015	5.92E+06	0.410	2216.270	2201	0	14866	0.0026	-0.0007	0.0013	7.20E+06	0.381	2993.110	4200	0	17199	0.0024	-0.0006	0.0012	8.68E+06	0.355	3954.600	6200	0	19842	0.0024	-0.0006	0.0013	9.28E+06	0.322
2270.690	1201	0	10465	0.0025	-0.0005	0.0015	5.93E+06	0.412	2217.270	2198	0	14882	0.0026	-0.0007	0.0013	7.24E+06	0.382	2994.110	4199																

2314.670	1200	0	11694	0.0027	-0.0006	0.0015	5.99E+06	0.452	2261.250	2201	0	16235	0.0028	-0.0008	0.0013	7.49E+06	0.418	3038.090	4198	0	19469	0.0027	-0.0007	0.0013	7.67E+06	0.350	3999.590	6201	0	21802	0.0026	-0.0006	0.0013	9.52E+06	0.338
2315.670	1200	0	11694	0.0027	-0.0006	0.0015	6.01E+06	0.455	2262.250	2201	0	16281	0.0028	-0.0008	0.0013	7.48E+06	0.418	3039.090	4201	0	19687	0.0027	-0.0007	0.0013	7.72E+06	0.349	4000.590	6199	0	21848	0.0026	-0.0006	0.0013	9.55E+06	0.337
2316.670	1200	0	11725	0.0027	-0.0006	0.0015	6.04E+06	0.455	2263.250	2200	0	16266	0.0028	-0.0008	0.0013	7.52E+06	0.417	3040.090	4200	0	19827	0.0027	-0.0007	0.0013	7.76E+06	0.349	4001.590	6201	0	21895	0.0026	-0.0006	0.0014	9.54E+06	0.339
2317.670	1201	0	11772	0.0027	-0.0006	0.0015	6.05E+06	0.458	2264.250	2200	0	16328	0.0028	-0.0008	0.0013	7.53E+06	0.417	3041.090	4200	0	19904	0.0027	-0.0007	0.0013	7.80E+06	0.348	4002.590	6199	0	21926	0.0027	-0.0006	0.0014	9.51E+06	0.338
2318.670	1201	0	11772	0.0027	-0.0006	0.0015	6.05E+06	0.458	2265.250	2201	0	16359	0.0028	-0.0008	0.0013	7.50E+06	0.419	3042.090	4201	0	19982	0.0027	-0.0007	0.0013	7.92E+06	0.350	4003.590	6199	0	21988	0.0027	-0.0006	0.0014	9.55E+06	0.341
2319.670	1202	0	11818	0.0027	-0.0006	0.0015	6.12E+06	0.462	2266.250	2201	0	16375	0.0028	-0.0008	0.0013	7.52E+06	0.421	3043.090	4200	0	20013	0.0027	-0.0007	0.0013	7.99E+06	0.351	4004.580	6200	0	22019	0.0026	-0.0006	0.0014	9.53E+06	0.340
2320.670	1201	0	11834	0.0027	-0.0006	0.0015	6.12E+06	0.461	2267.250	2200	0	16406	0.0028	-0.0008	0.0013	7.54E+06	0.422	3044.090	4202	0	20076	0.0028	-0.0007	0.0013	8.05E+06	0.350	4005.580	6199	0	22097	0.0026	-0.0006	0.0014	9.50E+06	0.340
2321.670	1200	0	11865	0.0028	-0.0006	0.0015	6.13E+06	0.463	2268.250	2201	0	16452	0.0029	-0.0008	0.0013	7.51E+06	0.421	3045.090	4200	0	20013	0.0028	-0.0007	0.0013	8.09E+06	0.349	4006.580	6199	0	22097	0.0027	-0.0006	0.0014	9.54E+06	0.340
2322.670	1199	0	11880	0.0028	-0.0006	0.0015	6.13E+06	0.464	2269.250	2200	0	16468	0.0029	-0.0008	0.0013	7.56E+06	0.421	3046.090	4201	0	19904	0.0028	-0.0007	0.0013	8.16E+06	0.349	4007.580	6200	0	22175	0.0027	-0.0006	0.0014	9.50E+06	0.340
2323.670	1199	0	11912	0.0028	-0.0006	0.0015	6.14E+06	0.462	2270.250	2201	0	16515	0.0029	-0.0008	0.0013	7.48E+06	0.418	3047.090	4201	0	19827	0.0027	-0.0007	0.0013	8.23E+06	0.349	4008.580	6200	0	22190	0.0027	-0.0007	0.0014	9.51E+06	0.339
2324.670	1202	0	11943	0.0028	-0.0006	0.0015	6.14E+06	0.464	2271.250	2200	0	16546	0.0029	-0.0008	0.0013	7.47E+06	0.418	3048.090	4200	0	19780	0.0027	-0.0007	0.0013	8.33E+06	0.351	4009.580	6199	0	22237	0.0027	-0.0007	0.0014	9.57E+06	0.335
2325.670	1201	0	11974	0.0028	-0.0006	0.0015	6.17E+06	0.466	2272.250	2200	0	16561	0.0029	-0.0008	0.0013	7.50E+06	0.416	3049.090	4200	0	19733	0.0028	-0.0007	0.0013	8.39E+06	0.352	4010.580	6200	0	22284	0.0027	-0.0007	0.0014	9.62E+06	0.335
2326.670	1199	0	11989	0.0028	-0.0006	0.0015	6.16E+06	0.464	2273.250	2199	0	16608	0.0029	-0.0008	0.0013	7.47E+06	0.414	3050.090	4199	0	19718	0.0028	-0.0007	0.0013	8.42E+06	0.352	4011.580	6199	0	22346	0.0027	-0.0007	0.0014	9.62E+06	0.334
2327.670	1200	0	12020	0.0028	-0.0006	0.0015	6.21E+06	0.466	2274.250	2201	0	16654	0.0029	-0.0008	0.0013	7.46E+06	0.413	3051.090	4202	0	19656	0.0028	-0.0007	0.0013	8.51E+06	0.354	4012.580	6199	0	22377	0.0027	-0.0007	0.0014	9.61E+06	0.333
2328.670	1201	0	12067	0.0028	-0.0007	0.0015	6.28E+06	0.471	2275.250	2200	0	16670	0.0029	-0.0008	0.0013	7.47E+06	0.413	3052.090	4200	0	19593	0.0028	-0.0007	0.0013	8.52E+06	0.354	4013.580	6200	0	22408	0.0027	-0.0007	0.0014	9.59E+06	0.335
2329.670	1202	0	12067	0.0028	-0.0007	0.0015	6.26E+06	0.469	2276.250	2201	0	16717	0.0029	-0.0008	0.0013	7.41E+06	0.412	3053.090	4201	0	19562	0.0027	-0.0007	0.0013	8.55E+06	0.353	4014.580	6199	0	22470	0.0027	-0.0007	0.0014	9.55E+06	0.334
2330.670	1200	0	12114	0.0028	-0.0007	0.0015	6.21E+06	0.467	2277.250	2201	0	16717	0.0029	-0.0008	0.0013	7.37E+06	0.412	3054.090	4200	0	19578	0.0027	-0.0007	0.0013	8.62E+06	0.354	4015.580	6200	0	22501	0.0027	-0.0007	0.0014	9.55E+06	0.335
2331.670	1200	0	12145	0.0028	-0.0007	0.0015	6.20E+06	0.465	2278.250	2199	0	16763	0.0029	-0.0008	0.0013	7.40E+06	0.410	3055.090	4202	0	19547	0.0027	-0.0007	0.0013	8.61E+06	0.353	4016.580	6199	0	22579	0.0027	-0.0007	0.0014	9.51E+06	0.337
2332.670	1201	0	12191	0.0028	-0.0007	0.0015	6.16E+06	0.462	2279.250	2202	0	16810	0.0029	-0.0008	0.0013	7.37E+06	0.410	3056.090	4200	0	19578	0.0028	-0.0007	0.0013	8.64E+06	0.354	4017.580	6201	0	22579	0.0027	-0.0007	0.0014	9.46E+06	0.337
2333.670	1200	0	12191	0.0028	-0.0007	0.0015	6.18E+06	0.465	2280.250	2200	0	16826	0.0029	-0.0008	0.0013	7.36E+06	0.410	3057.090	4200	0	19625	0.0028	-0.0007	0.0013	8.70E+06	0.356	4018.580	6199	0	22610	0.0027	-0.0007	0.0014	9.49E+06	0.340
2334.660	1199	0	12207	0.0028	-0.0007	0.0015	6.22E+06	0.466	2281.250	2199	0	16857	0.0029	-0.0008	0.0013	7.39E+06	0.413	3058.090	4202	0	19625	0.0027	-0.0007	0.0013	8.75E+06	0.358	4019.580	6200	0	22672	0.0027	-0.0007	0.0014	9.45E+06	0.342
2335.660	1202	0	12285	0.0028	-0.0007	0.0015	6.23E+06	0.469	2282.250	2201	0	16888	0.0029	-0.0008	0.0013	7.37E+06	0.412	3059.090	4200	0	19765	0.0027	-0.0007	0.0013	8.77E+06	0.358	4020.580	6199	0	22704	0.0027	-0.0007	0.0014	9.39E+06	0.343
2336.660	1199	0	12254	0.0028	-0.0007	0.0015	6.19E+06	0.468	2283.250	2200	0	16919	0.0029	-0.0008	0.0013	7.35E+06	0.412	3060.090	4200	0	19998	0.0027	-0.0007	0.0013	8.87E+06	0.360	4021.580	6201	0	22766	0.0027	-0.0007	0.0014	9.42E+06	0.344
2337.660	1201	0	12285	0.0028	-0.0007	0.0015	6.21E+06	0.472	2284.250	2200	0	16950	0.0029	-0.0008	0.0013	7.35E+06	0.413	3061.090	4201	0	20122	0.0028	-0.0007	0.0013	9.02E+06	0.365	4022.580	6202	0	22797	0.0027	-0.0007	0.0014	9.38E+06	0.345
2338.660	1199	0	12331	0.0028	-0.0007	0.0015	6.15E+06	0.470	2285.240	2199	0	16981	0.0029	-0.0008	0.0013	7.31E+06	0.411	3062.090	4199	0	20247	0.0028	-0.0007	0.0013	9.11E+06	0.366	4023.580	6199	0	22844	0.0027	-0.0007	0.0014	9.36E+06	0.345
2339.660	1200	0	12378	0.0028	-0.0007	0.0015	6.18E+06	0.471	2286.240	2201	0	17043	0.0029	-0.0008	0.0013	7.29E+06	0.411	3063.090	4200	0	20387	0.0028	-0.0007	0.0013	9.32E+06	0.369	4024.580	6199	0	22890	0.0027	-0.0007	0.0014	9.38E+06	0.345
2340.660	1200	0	12394	0.0028	-0.0007	0.0015	6.18E+06	0.471	2287.240	2199	0	17059	0.0029	-0.0008	0.0013	7.33E+06	0.415	3064.090	4201	0	20495	0.0028	-0.0008	0.0013	9.42E+06	0.366	4025.580	6199	0	22937	0.0027	-0.0007	0.0014	9.35E+06	0.344
2341.660	1200	0	12425	0.0028	-0.0007	0.0015	6.17E+06	0.472	2288.240	2200	0	17090	0.0029	-0.0008	0.0013	7.31E+06	0.416	3065.080	4202	0	20573	0.0028	-0.0008	0.0013	9.55E+06	0.368	4026.580	6199	0	22983	0.0028	-0.0007	0.0014	9.32E+06	0.342
2342.660	1200	0	12440	0.0028	-0.0007	0.0015	6.14E+06	0.471	2289.240	2201	0	17121	0.0029	-0.0008	0.0013	7.33E+06	0.418	3066.080	4201	0	20698	0.0028	-0.0008	0.0013	9.62E+06	0.367	4027.580	6200	0	23015	0.0028	-0.0007	0.0014	9.35E+06	0.341
2343.660	1201	0	12471	0.0029	-0.0007	0.0015	6.13E+06	0.471	2290.240	2200	0	17152	0.0029	-0.0008	0.0013	7.34E+06	0.419	3067.080	4199	0	20806	0.0028	-0.0008	0.0013	9.66E+06	0.365	4028.580	6201	0	23046	0.0028	-0.0007	0.0014	9.33E+06	0.341
2344.660	1199	0	12503	0.0029	-0.0007	0.0015	6.12E+06	0.473	2291.240	2201	0	17199	0.0030	-0.0008	0.0013	7.36E+06	0.418	3068.080	4199	0	20884	0.0029	-0.0008	0.0013	9.78E+06	0.367	4029.580	6199	0	23139	0.0028	-0.0007	0.0014	9.31E+06	0.341
2345.660	1201	0	12534	0.0029	-0.0007	0.0015	6.13E+06	0.476	2292.240	2200	0	17230	0.0030	-0.0008	0.0013	7.30E+06	0.418	3069.080	4200	0	20962	0.0029	-0.0008	0.0013	9.81E+06	0.366	4030.580	6201	0	23139	0.0028	-0.0007	0.0014	9.33E+06	0.341
2346.660	1199	0	12549	0.0029	-0.0007	0.0015	6.13E+06	0.476	2293.240	2198	0	17245	0.0030	-0.0008	0.0013	7.37E+06	0.420	3070.0																	

2337.230	2201	0	19111	0.0032	-0.0009	0.0013	7.19E+06	0.481	3114.070	4201	0	22439	0.0030	-0.0008	0.0014	8.60E+06	0.366	4075.560	6199	0	25596	0.0030	-0.0008	0.0015	9.77E+06	0.369
2338.230	2201	0	19143	0.0032	-0.0009	0.0013	7.23E+06	0.486	3115.070	4200	0	22501	0.0030	-0.0008	0.0014	8.58E+06	0.367	4076.560	6199	0	25658	0.0030	-0.0008	0.0015	9.73E+06	0.368
2339.230	2200	0	19174	0.0032	-0.0009	0.0013	7.21E+06	0.488	3116.070	4200	0	22548	0.0031	-0.0008	0.0014	8.58E+06	0.371	4077.560	6200	0	25689	0.0030	-0.0008	0.0015	9.65E+06	0.365
2340.230	2200	0	19220	0.0032	-0.0009	0.0013	7.22E+06	0.491	3117.070	4200	0	22579	0.0030	-0.0008	0.0014	8.54E+06	0.373	4078.560	6200	0	25705	0.0030	-0.0008	0.0015	9.65E+06	0.362
2341.230	2200	0	19236	0.0032	-0.0009	0.0014	7.10E+06	0.493	3118.070	4200	0	22610	0.0031	-0.0008	0.0014	8.51E+06	0.376	4079.560	6200	0	25783	0.0030	-0.0008	0.0015	9.62E+06	0.363
2342.230	2200	0	19314	0.0032	-0.0009	0.0013	7.06E+06	0.489	3119.070	4201	0	22672	0.0031	-0.0008	0.0014	8.51E+06	0.378	4080.560	6199	0	25829	0.0030	-0.0008	0.0015	9.56E+06	0.364
2343.230	2200	0	19329	0.0032	-0.0009	0.0013	6.99E+06	0.488	3120.070	4199	0	22719	0.0031	-0.0008	0.0014	8.43E+06	0.380	4081.560	6200	0	25860	0.0031	-0.0008	0.0015	9.49E+06	0.364
2344.230	2200	0	19376	0.0032	-0.0009	0.0013	7.00E+06	0.490	3121.070	4200	0	22750	0.0031	-0.0009	0.0014	8.41E+06	0.382	4082.560	6200	0	25891	0.0031	-0.0008	0.0015	9.45E+06	0.364
2345.230	2200	0	19422	0.0032	-0.0009	0.0013	7.00E+06	0.491	3122.070	4202	0	22797	0.0031	-0.0009	0.0014	8.44E+06	0.385	4083.560	6199	0	25938	0.0030	-0.0008	0.0015	9.38E+06	0.362
2346.230	2199	0	19454	0.0033	-0.0010	0.0014	7.02E+06	0.494	3123.070	4199	0	22843	0.0031	-0.0009	0.0014	8.42E+06	0.384	4084.560	6199	0	25985	0.0031	-0.0008	0.0015	9.37E+06	0.361
2347.220	2201	0	19500	0.0033	-0.0010	0.0014	6.99E+06	0.489	3124.070	4201	0	22906	0.0031	-0.0009	0.0014	8.43E+06	0.388	4085.560	6199	0	26031	0.0031	-0.0008	0.0015	9.31E+06	0.360
2348.220	2201	0	19516	0.0033	-0.0010	0.0013	6.94E+06	0.487	3125.070	4199	0	22921	0.0031	-0.0009	0.0014	8.39E+06	0.387	4086.560	6199	0	26047	0.0031	-0.0008	0.0015	9.25E+06	0.357
2349.220	2198	0	19531	0.0033	-0.0010	0.0013	6.90E+06	0.485	3126.070	4199	0	22968	0.0031	-0.0009	0.0014	8.38E+06	0.388	4087.560	6201	0	26109	0.0031	-0.0008	0.0015	9.23E+06	0.357
2350.220	2200	0	19594	0.0033	-0.0010	0.0013	6.90E+06	0.486	3127.060	4199	0	22999	0.0031	-0.0009	0.0014	8.40E+06	0.389	4088.560	6200	0	26140	0.0031	-0.0008	0.0015	9.18E+06	0.356
2351.220	2200	0	19625	0.0033	-0.0010	0.0013	6.86E+06	0.486	3128.060	4199	0	23061	0.0031	-0.0009	0.0014	8.43E+06	0.392	4089.560	6199	0	26187	0.0031	-0.0008	0.0015	9.16E+06	0.357
2352.220	2199	0	19671	0.0033	-0.0010	0.0014	6.84E+06	0.488	3129.060	4199	0	23092	0.0031	-0.0009	0.0014	8.43E+06	0.391	4090.560	6199	0	26218	0.0031	-0.0008	0.0015	9.23E+06	0.360
2353.220	2201	0	19687	0.0033	-0.0010	0.0014	6.87E+06	0.488	3130.060	4202	0	23123	0.0031	-0.0009	0.0014	8.46E+06	0.392	4091.560	6199	0	26249	0.0031	-0.0008	0.0015	9.22E+06	0.359
2354.220	2199	0	19733	0.0033	-0.0010	0.0014	6.82E+06	0.487	3131.060	4201	0	23139	0.0031	-0.0009	0.0014	8.51E+06	0.395	4092.560	6198	0	26280	0.0031	-0.0008	0.0015	9.21E+06	0.358
2355.220	2200	0	19749	0.0033	-0.0010	0.0013	6.74E+06	0.484	3132.060	4200	0	23217	0.0031	-0.0009	0.0014	8.54E+06	0.395	4093.560	6200	0	26327	0.0031	-0.0008	0.0015	9.21E+06	0.359
2356.220	2201	0	19765	0.0033	-0.0010	0.0014	6.79E+06	0.488	3133.060	4199	0	23232	0.0031	-0.0009	0.0014	8.61E+06	0.399	4094.560	6200	0	26373	0.0031	-0.0008	0.0015	9.19E+06	0.358
2357.220	2201	0	19796	0.0033	-0.0010	0.0014	6.74E+06	0.486	3134.060	4199	0	23248	0.0031	-0.0009	0.0014	8.65E+06	0.399	4095.560	6199	0	26420	0.0031	-0.0008	0.0015	9.19E+06	0.358
2358.220	2199	0	19858	0.0033	-0.0010	0.0014	6.74E+06	0.488	3135.060	4201	0	23310	0.0031	-0.0009	0.0014	8.66E+06	0.399	4096.560	6199	0	26467	0.0031	-0.0008	0.0015	9.23E+06	0.358
2359.220	2201	0	19889	0.0033	-0.0010	0.0014	6.76E+06	0.491	3136.060	4201	0	23357	0.0031	-0.0009	0.0014	8.60E+06	0.402	4097.560	6199	0	26513	0.0031	-0.0008	0.0015	9.22E+06	0.359
2360.220	2201	0	19920	0.0033	-0.0010	0.0013	6.66E+06	0.488	3137.060	4201	0	23388	0.0031	-0.0009	0.0014	8.54E+06	0.400	4098.560	6200	0	26529	0.0031	-0.0008	0.0015	9.17E+06	0.356
2361.220	2199	0	19951	0.0033	-0.0010	0.0013	6.58E+06	0.483	3138.060	4201	0	23450	0.0031	-0.0009	0.0014	8.53E+06	0.399	4099.550	6201	0	26576	0.0031	-0.0008	0.0015	9.17E+06	0.357
2362.220	2202	0	20013	0.0033	-0.0010	0.0014	6.63E+06	0.483	3139.060	4199	0	23481	0.0031	-0.0009	0.0014	8.57E+06	0.400	4100.550	6199	0	26622	0.0031	-0.0008	0.0015	9.14E+06	0.357
2363.220	2201	0	20029	0.0033	-0.0010	0.0013	6.68E+06	0.481	3140.060	4200	0	23512	0.0032	-0.0009	0.0014	8.61E+06	0.401	4101.550	6201	0	26684	0.0031	-0.0008	0.0015	9.14E+06	0.358
2364.220	2198	0	20044	0.0033	-0.0010	0.0014	6.71E+06	0.482	3141.060	4198	0	23528	0.0032	-0.0009	0.0014	8.66E+06	0.401	4102.550	6200	0	26716	0.0031	-0.0008	0.0015	9.25E+06	0.358
2364.860	2201	0	20076	0.0033	-0.0010	0.0014	6.74E+06	0.483	3142.060	4203	0	23559	0.0032	-0.0009	0.0014	8.62E+06	0.399	4103.550	6199	0	26762	0.0031	-0.0008	0.0015	9.30E+06	0.363
2366.860	2200	0	19873	0.0033	-0.0010	0.0014	6.63E+06	0.483	3143.060	4199	0	23621	0.0032	-0.0009	0.0014	8.64E+06	0.399	4104.550	6199	0	26793	0.0032	-0.0008	0.0015	9.31E+06	0.360
									3144.060	4199	0	23652	0.0032	-0.0009	0.0014	8.64E+06	0.397	4105.550	6201	0	26809	0.0032	-0.0008	0.0015	9.31E+06	0.360
									3145.060	4201	0	23668	0.0032	-0.0009	0.0014	8.66E+06	0.399	4106.550	6200	0	26840	0.0032	-0.0008	0.0015	9.36E+06	0.358
									3146.060	4200	0	23745	0.0032	-0.0009	0.0014	8.71E+06	0.399	4107.550	6202	0	26902	0.0032	-0.0008	0.0015	9.34E+06	0.357
									3147.060	4200	0	23777	0.0032	-0.0009	0.0014	8.75E+06	0.399	4108.550	6201	0	26949	0.0032	-0.0008	0.0015	9.42E+06	0.356
									3148.060	4199	0	23792	0.0032	-0.0009	0.0014	8.71E+06	0.397	4109.550	6199	0	26980	0.0032	-0.0008	0.0015	9.45E+06	0.357
									3149.060	4200	0	23839	0.0032	-0.0009	0.0014	8.76E+06	0.401	4110.550	6199	0	27027	0.0032	-0.0008	0.0015	9.40E+06	0.354
									3150.060	4199	0	23870	0.0032	-0.0009	0.0014	8.83E+06	0.403	4111.550	6199	0	27058	0.0032	-0.0008	0.0015	9.36E+06	0.356
									3151.060	4200	0	23916	0.0032	-0.0009	0.0014	8.83E+06	0.403	4112.550	6199	0	27104	0.0032	-0.0008	0.0015	9.29E+06	0.358
									3152.060	4201	0	23979	0.0032	-0.0009	0.0014	8.84E+06	0.403	4113.550	6199	0	27104	0.0032	-0.0008	0.0015	9.18E+06	0.358
									3153.060	4199	0	24010	0.0032	-0.0009	0.0014	8.85E+06	0.401	4114.550	6199	0	27198	0.0032	-0.0008	0.0015	9.12E+06	0.359
									3154.060	4201	0	24025	0.0032	-0.0009	0.0014	8.85E+06	0.402	4115.550	6201	0	27213	0.0032	-0.0008	0.0015	9.01E+06	0.358
									3155.060	4199	0	24088	0.0032	-0.0009	0.0014	8.91E+06	0.405	4116.550	6199	0	27260	0.0032	-0.0008	0.0015	8.91E+06	0.358
									3156.060	4203	0	24134	0.0032	-0.0009	0.0014	8.92E+06	0.407	4117.550	6200	0	27306	0.0032	-0.0008	0.0015	8.81E+06	0.359
									3157.060	4200	0	24165	0.0032	-0.0009	0.0014	8.93E+06	0.407	4118.550	6200	0	27338	0.0032	-0.0008	0.0015	8.74E+06	0.360
									3158.060	4200	0	24196	0.0032	-0.0009	0.0014	8.91E+06	0.406	4119.550	6199	0	27384	0.0032	-0.0008	0.0015	8.68E+06	0.361
									3159.050	4199	0	24259	0.0032	-0.0009	0.0014	8.88E+06	0.408	4120.550	6199	0	27415	0.0032	-0.0008	0.0015	8.67E+06	0.362
									3160.050	4201	0	24243	0.0032	-0.0009	0.0014	8.86E+06	0.409									

3190.040	4200	0	25456	0.0034	-0.0010	0.0014	8.51E+06	0.409	4151.540	6200	0	29188	0.0034	-0.0009	0.0016	9.63E+06	0.364
3191.040	4200	0	25503	0.0034	-0.0010	0.0014	8.49E+06	0.408	4152.540	6199	0	29312	0.0034	-0.0009	0.0016	9.71E+06	0.363
3192.040	4200	0	25534	0.0034	-0.0010	0.0014	8.48E+06	0.409	4153.540	6200	0	29468	0.0034	-0.0009	0.0016	9.85E+06	0.364
3193.040	4200	0	25596	0.0034	-0.0010	0.0014	8.48E+06	0.412	4154.540	6199	0	29515	0.0034	-0.0009	0.0016	9.93E+06	0.366
3194.040	4199	0	25611	0.0034	-0.0010	0.0014	8.48E+06	0.412	4155.540	6199	0	29577	0.0034	-0.0009	0.0016	1.00E+07	0.365
3195.040	4199	0	25643	0.0034	-0.0010	0.0014	8.46E+06	0.411	4156.540	6201	0	29686	0.0035	-0.0009	0.0016	1.01E+07	0.366
3196.040	4200	0	25705	0.0034	-0.0010	0.0014	8.43E+06	0.411	4157.540	6201	0	29732	0.0035	-0.0009	0.0016	1.02E+07	0.364
3197.040	4200	0	25720	0.0034	-0.0010	0.0014	8.40E+06	0.410	4158.540	6199	0	29795	0.0035	-0.0009	0.0016	1.02E+07	0.364
3198.040	4200	0	25767	0.0034	-0.0010	0.0014	8.39E+06	0.410	4159.540	6199	0	29857	0.0035	-0.0009	0.0016	1.03E+07	0.364
3199.040	4199	0	25829	0.0034	-0.0010	0.0014	8.36E+06	0.408	4160.540	6199	0	29826	0.0035	-0.0009	0.0016	1.04E+07	0.363
3200.040	4200	0	25876	0.0034	-0.0010	0.0014	8.38E+06	0.408	4161.530	6199	0	29872	0.0035	-0.0009	0.0016	1.04E+07	0.362
3201.040	4200	0	25891	0.0034	-0.0010	0.0014	8.42E+06	0.410	4162.530	6199	0	29872	0.0035	-0.0009	0.0016	1.04E+07	0.362
3202.040	4201	0	25954	0.0034	-0.0010	0.0014	8.39E+06	0.408	4163.530	6200	0	29872	0.0035	-0.0009	0.0016	1.04E+07	0.363
3203.040	4203	0	25985	0.0034	-0.0010	0.0014	8.40E+06	0.410	4164.530	6199	0	29888	0.0035	-0.0009	0.0016	1.03E+07	0.362
3204.040	4199	0	26078	0.0034	-0.0010	0.0014	8.39E+06	0.410	4165.530	6199	0	29903	0.0035	-0.0009	0.0016	1.02E+07	0.361
3205.040	4201	0	26109	0.0034	-0.0010	0.0014	8.38E+06	0.410	4166.530	6199	0	29934	0.0035	-0.0009	0.0016	1.01E+07	0.361
3206.040	4200	0	26187	0.0035	-0.0010	0.0014	8.38E+06	0.410	4167.530	6199	0	29966	0.0035	-0.0009	0.0016	1.00E+07	0.360
3207.040	4200	0	26202	0.0035	-0.0010	0.0014	8.39E+06	0.413	4168.530	6199	0	29997	0.0035	-0.0009	0.0016	9.86E+06	0.360
3208.040	4202	0	26280	0.0035	-0.0010	0.0014	8.38E+06	0.414	4169.530	6200	0	30028	0.0035	-0.0009	0.0016	9.76E+06	0.361
3209.040	4201	0	26358	0.0035	-0.0010	0.0014	8.38E+06	0.415	4170.530	6200	0	30043	0.0035	-0.0009	0.0016	9.64E+06	0.363
3210.040	4201	0	26358	0.0035	-0.0010	0.0014	8.36E+06	0.417	4171.530	6199	0	30028	0.0035	-0.0010	0.0016	9.50E+06	0.366
3211.040	4202	0	26436	0.0035	-0.0010	0.0014	8.32E+06	0.418	4172.530	6200	0	30059	0.0035	-0.0010	0.0016	9.33E+06	0.367
3212.040	4199	0	26436	0.0035	-0.0010	0.0014	8.30E+06	0.418	4173.530	6199	0	30090	0.0035	-0.0010	0.0016	9.18E+06	0.372
3213.040	4202	0	26498	0.0035	-0.0010	0.0014	8.28E+06	0.419	4174.530	6201	0	30137	0.0035	-0.0010	0.0016	9.14E+06	0.378
3214.040	4201	0	26529	0.0035	-0.0010	0.0014	8.25E+06	0.419	4175.530	6199	0	30168	0.0035	-0.0010	0.0016	9.17E+06	0.388
3215.040	4198	0	26622	0.0035	-0.0010	0.0015	8.27E+06	0.421	4176.530	6200	0	30214	0.0035	-0.0010	0.0016	9.22E+06	0.391
3216.040	4199	0	26653	0.0035	-0.0010	0.0014	8.29E+06	0.422	4177.530	6199	0	30245	0.0035	-0.0010	0.0016	9.23E+06	0.392
3217.040	4201	0	26684	0.0035	-0.0010	0.0014	8.30E+06	0.424	4178.530	6200	0	30261	0.0035	-0.0010	0.0016	9.25E+06	0.393
3218.040	4200	0	26731	0.0035	-0.0010	0.0014	8.29E+06	0.424	4179.530	6199	0	30277	0.0035	-0.0010	0.0016	9.27E+06	0.391
3219.040	4201	0	26778	0.0035	-0.0010	0.0014	8.33E+06	0.426	4180.530	6199	0	30277	0.0035	-0.0010	0.0016	9.32E+06	0.390
3220.040	4201	0	26793	0.0035	-0.0010	0.0015	8.32E+06	0.427	4181.530	6200	0	30354	0.0035	-0.0010	0.0016	9.31E+06	0.388
3221.030	4199	0	26840	0.0035	-0.0010	0.0015	8.33E+06	0.427	4182.530	6200	0	30417	0.0035	-0.0010	0.0016	9.35E+06	0.387
3222.030	4200	0	26887	0.0035	-0.0010	0.0015	8.34E+06	0.428	4183.530	6199	0	30417	0.0035	-0.0010	0.0016	9.43E+06	0.389
3223.030	4199	0	26949	0.0036	-0.0010	0.0015	8.27E+06	0.426	4184.530	6199	0	30463	0.0035	-0.0010	0.0016	9.44E+06	0.387
3224.030	4200	0	26964	0.0036	-0.0011	0.0015	8.25E+06	0.425	4185.530	6199	0	30510	0.0035	-0.0010	0.0016	9.46E+06	0.385
3225.030	4200	0	27027	0.0036	-0.0011	0.0015	8.29E+06	0.426	4186.530	6200	0	30541	0.0035	-0.0010	0.0016	9.47E+06	0.383
3226.030	4200	0	27058	0.0036	-0.0011	0.0015	8.27E+06	0.426	4187.530	6199	0	30588	0.0036	-0.0010	0.0016	9.51E+06	0.383
3227.030	4199	0	27135	0.0036	-0.0011	0.0015	8.26E+06	0.426	4188.530	6199	0	30650	0.0036	-0.0010	0.0016	9.55E+06	0.385
3228.030	4201	0	27166	0.0036	-0.0011	0.0015	8.23E+06	0.425	4189.530	6202	0	30650	0.0036	-0.0010	0.0016	9.58E+06	0.388
3229.030	4200	0	27182	0.0036	-0.0011	0.0014	8.19E+06	0.426	4190.530	6201	0	30712	0.0036	-0.0010	0.0016	9.57E+06	0.387
3230.030	4200	0	27260	0.0036	-0.0011	0.0014	8.18E+06	0.428	4191.530	6202	0	30728	0.0036	-0.0010	0.0016	9.62E+06	0.388
3231.030	4198	0	27291	0.0036	-0.0011	0.0015	8.20E+06	0.429	4192.520	6200	0	30774	0.0036	-0.0010	0.0016	9.65E+06	0.387
3232.030	4202	0	27322	0.0036	-0.0011	0.0015	8.19E+06	0.429	4193.520	6200	0	30790	0.0036	-0.0010	0.0016	9.65E+06	0.385
3233.030	4200	0	27353	0.0036	-0.0011	0.0015	8.18E+06	0.428	4194.520	6200	0	30852	0.0036	-0.0010	0.0016	9.63E+06	0.382
3234.030	4200	0	27415	0.0036	-0.0011	0.0015	8.21E+06	0.430	4195.520	6199	0	30883	0.0036	-0.0010	0.0016	9.63E+06	0.384
3235.030	4200	0	27415	0.0036	-0.0011	0.0015	8.23E+06	0.432	4196.520	6199	0	30914	0.0036	-0.0010	0.0016	9.66E+06	0.384
3236.030	4200	0	27478	0.0036	-0.0011	0.0015	8.22E+06	0.434	4197.520	6201	0	30961	0.0036	-0.0010	0.0016	9.65E+06	0.384
3237.030	4198	0	27509	0.0036	-0.0011	0.0015	8.28E+06	0.438	4198.520	6202	0	31039	0.0036	-0.0010	0.0016	9.65E+06	0.384
3238.030	4201	0	27540	0.0036	-0.0011	0.0015	8.24E+06	0.436	4199.520	6199	0	31085	0.0036	-0.0010	0.0016	9.66E+06	0.385
3239.030	4200	0	27602	0.0036	-0.0011	0.0015	8.25E+06	0.437	4200.520	6199	0	31132	0.0036	-0.0010	0.0016	9.62E+06	0.383
3240.030	4200	0	27633	0.0036	-0.0011	0.0015	8.24E+06	0.436	4201.520	6199	0	31194	0.0036	-0.0010	0.0016	9.60E+06	0.381
3241.030	4199	0	27664	0.0036	-0.0011	0.0014	8.23E+06	0.435	4202.520	6200	0	31225	0.0036	-0.0010	0.0016	9.54E+06	0.379
3242.030	4201	0	27711	0.0036	-0.0011	0.0015	8.25E+06	0.436	4203.520	6199	0	31272	0.0036	-0.0010	0.0016	9.57E+06	0.380
3243.030	4199	0	27742	0.0037	-0.0011	0.0015	8.24E+06	0.436	4204.520	6200	0	31350	0.0036	-0.0010	0.0016	9.58E+06	0.380
3244.030	4200	0	27773	0.0037	-0.0011	0.0015	8.23E+06	0.437	4205.520	6199	0	31396	0.0036	-0.0010	0.0016	9.61E+06	0.380
3245.030	4203	0	27835	0.0037	-0.0011	0.0015	8.27E+06	0.438	4206.520	6199	0	31443	0.0036	-0.0010	0.0016	9.57E+06	0.380
3246.030	4200	0	27882	0.0036	-0.0011	0.0015	8.27E+06	0.438	4207.520	6199	0	31474	0.0036	-0.0010	0.0016	9.58E+06	0.384
3247.030	4200	0	27897	0.0037	-0.0011	0.0015	8.25E+06	0.437	4208.520	6199	0	31521	0.0037	-0.0010	0.0016	9.56E+06	0.387
3248.030	4201	0	27928	0.0037	-0.0011	0.0015	8.20E+06	0.433	4209.520	6200	0	31552	0.0036	-0.0010	0.0016	9.57E+06	0.391
3249.030	4201	0	27991	0.0037	-0.0011	0.0015	8.21E+06	0.431	4210.520	6201	0	31645	0.0037	-0.0010	0.0016	9.61E+06	0.393
3250.030	4200	0	28022	0.0037	-0.0011	0.0015	8.18E+06	0.428	4211.520	6200	0	31692	0.0037	-0.0010	0.0016	9.67E+06	0.393
3251.030	4199	0	28100	0.0037	-0.0011	0.0015	8.21E+06	0.428	4212.520	6199	0	31723	0.0037	-0.0010	0.0016	9.69E+06	0.392
3252.020	4199	0	28115	0.0037	-0.0011	0.0015	8.24E+06	0.428	4213.520	6199	0	31785	0.0037	-0.0010	0.0016	9.70E+06	0.395
3253.020	4200	0	28146	0.0037	-0.0011	0.0015	8.21E+06	0.425	4214.520	6200	0	31801	0.0037	-0.0010	0.0016	9.61E+06	0.391
3254.020	4200	0	28193	0.0037	-0.0011	0.001											

3266.020	4200	0	28644	0.0038	-0.0011	0.0015	8.28E+06	0.433	4227.510	6199	0	32376	0.0037	-0.0010	0.0017	9.37E+06	0.399
3267.020	4200	0	28659	0.0038	-0.0011	0.0015	8.31E+06	0.436	4228.510	6199	0	32407	0.0037	-0.0010	0.0016	9.35E+06	0.399
3268.020	4200	0	28722	0.0038	-0.0011	0.0015	8.29E+06	0.436	4229.510	6199	0	32469	0.0037	-0.0010	0.0017	9.29E+06	0.399
3269.020	4200	0	28799	0.0038	-0.0011	0.0015	8.31E+06	0.436	4230.510	6202	0	32531	0.0038	-0.0010	0.0017	9.28E+06	0.399
3270.020	4200	0	28815	0.0038	-0.0011	0.0015	8.32E+06	0.437	4231.510	6199	0	32547	0.0038	-0.0011	0.0017	9.29E+06	0.399
3271.020	4199	0	28893	0.0038	-0.0011	0.0015	8.29E+06	0.438	4232.510	6200	0	32578	0.0038	-0.0011	0.0017	9.24E+06	0.400
3272.020	4200	0	28939	0.0038	-0.0012	0.0015	8.36E+06	0.441	4233.510	6202	0	32625	0.0038	-0.0011	0.0016	9.28E+06	0.402
3273.020	4199	0	28970	0.0038	-0.0012	0.0015	8.36E+06	0.442	4234.510	6199	0	32702	0.0038	-0.0011	0.0016	9.30E+06	0.404
3274.020	4202	0	29033	0.0038	-0.0012	0.0015	8.32E+06	0.442	4235.510	6199	0	32749	0.0038	-0.0011	0.0017	9.34E+06	0.407
3275.020	4200	0	29064	0.0038	-0.0012	0.0015	8.32E+06	0.443	4236.510	6199	0	32827	0.0038	-0.0011	0.0017	9.37E+06	0.408
3276.020	4201	0	29126	0.0038	-0.0012	0.0015	8.33E+06	0.446	4237.510	6199	0	32889	0.0038	-0.0011	0.0017	9.39E+06	0.407
3277.020	4200	0	29172	0.0038	-0.0012	0.0015	8.26E+06	0.445	4238.510	6199	0	32936	0.0038	-0.0011	0.0017	9.36E+06	0.409
3278.020	4199	0	29204	0.0038	-0.0012	0.0015	8.24E+06	0.448	4239.510	6200	0	32998	0.0038	-0.0011	0.0017	9.36E+06	0.411
3279.020	4200	0	29219	0.0038	-0.0012	0.0015	8.22E+06	0.444	4240.510	6200	0	33060	0.0038	-0.0011	0.0017	9.37E+06	0.413
3280.020	4200	0	29266	0.0038	-0.0012	0.0015	8.25E+06	0.440	4241.510	6200	0	33169	0.0038	-0.0011	0.0017	9.39E+06	0.414
3281.020	4201	0	29344	0.0038	-0.0012	0.0015	8.39E+06	0.440	4242.510	6200	0	33216	0.0038	-0.0011	0.0017	9.42E+06	0.416
3282.020	4201	0	29390	0.0038	-0.0012	0.0015	8.49E+06	0.441	4243.510	6199	0	33262	0.0038	-0.0011	0.0017	9.48E+06	0.417
3283.020	4201	0	29390	0.0038	-0.0012	0.0015	8.47E+06	0.440	4244.510	6199	0	33356	0.0038	-0.0011	0.0017	9.43E+06	0.415
3284.010	4200	0	29437	0.0039	-0.0012	0.0015	8.43E+06	0.442	4245.510	6201	0	33402	0.0039	-0.0011	0.0017	9.44E+06	0.415
3285.010	4200	0	29468	0.0039	-0.0012	0.0015	8.36E+06	0.446	4246.510	6199	0	33464	0.0039	-0.0011	0.0017	9.43E+06	0.417
3286.010	4200	0	29515	0.0039	-0.0012	0.0015	8.23E+06	0.449	4247.510	6200	0	33480	0.0039	-0.0011	0.0017	9.43E+06	0.418
3287.010	4201	0	29546	0.0039	-0.0012	0.0015	8.11E+06	0.453	4248.510	6200	0	33558	0.0039	-0.0011	0.0017	9.43E+06	0.418
3288.010	4201	0	29592	0.0039	-0.0012	0.0015	8.02E+06	0.458	4249.510	6199	0	33620	0.0039	-0.0011	0.0017	9.43E+06	0.417
3289.010	4202	0	29592	0.0039	-0.0012	0.0015	7.92E+06	0.459	4250.510	6200	0	33667	0.0039	-0.0011	0.0017	9.38E+06	0.415
3290.010	4199	0	29623	0.0039	-0.0012	0.0015	7.88E+06	0.462	4251.510	6199	0	33698	0.0039	-0.0011	0.0017	9.34E+06	0.415
3291.010	4202	0	29670	0.0039	-0.0012	0.0015	7.87E+06	0.466	4252.510	6200	0	33760	0.0039	-0.0011	0.0017	9.31E+06	0.414
3292.010	4201	0	29717	0.0039	-0.0012	0.0015	7.87E+06	0.468	4253.510	6199	0	33838	0.0039	-0.0011	0.0017	9.28E+06	0.413
3293.010	4201	0	29748	0.0039	-0.0012	0.0015	7.89E+06	0.472	4254.500	6202	0	33838	0.0039	-0.0011	0.0017	9.30E+06	0.417
3294.010	4199	0	29779	0.0039	-0.0012	0.0015	7.90E+06	0.474	4255.500	6201	0	33915	0.0039	-0.0011	0.0017	9.27E+06	0.417
3295.010	4200	0	29810	0.0039	-0.0012	0.0015	7.87E+06	0.474	4256.500	6200	0	33962	0.0039	-0.0011	0.0017	9.27E+06	0.416
3296.010	4200	0	29888	0.0039	-0.0012	0.0015	7.87E+06	0.475	4257.500	6201	0	34009	0.0039	-0.0011	0.0017	9.23E+06	0.415
3297.010	4201	0	29934	0.0039	-0.0012	0.0015	7.89E+06	0.476	4258.500	6200	0	34086	0.0039	-0.0011	0.0017	9.20E+06	0.415
3298.010	4200	0	29966	0.0039	-0.0012	0.0015	7.87E+06	0.476	4259.500	6199	0	34102	0.0039	-0.0011	0.0017	9.07E+06	0.417
3299.010	4199	0	29981	0.0039	-0.0012	0.0015	7.83E+06	0.475	4260.500	6199	0	34180	0.0039	-0.0011	0.0017	9.08E+06	0.421
3300.010	4199	0	29966	0.0039	-0.0012	0.0015	7.82E+06	0.474	4261.500	6200	0	34226	0.0039	-0.0011	0.0017	9.09E+06	0.420
3301.010	4199	0	29950	0.0039	-0.0012	0.0015	7.79E+06	0.473	4262.500	6199	0	34273	0.0039	-0.0011	0.0017	9.05E+06	0.420
3302.010	4201	0	29872	0.0039	-0.0012	0.0015	7.81E+06	0.475	4263.500	6200	0	34289	0.0040	-0.0011	0.0017	9.02E+06	0.418
3303.010	4201	0	29888	0.0039	-0.0012	0.0015	7.85E+06	0.477	4264.500	6199	0	34320	0.0039	-0.0011	0.0017	9.08E+06	0.420
3304.010	4201	0	30214	0.0039	-0.0012	0.0015	7.83E+06	0.476	4265.500	6199	0	34382	0.0040	-0.0011	0.0017	9.00E+06	0.417
3305.010	4200	0	30743	0.0040	-0.0012	0.0015	7.79E+06	0.476	4266.500	6199	0	34460	0.0040	-0.0011	0.0017	9.03E+06	0.416
3306.010	4200	0	31101	0.0040	-0.0013	0.0015	7.77E+06	0.476	4267.500	6200	0	34475	0.0040	-0.0011	0.0017	9.03E+06	0.417
3307.010	4201	0	31256	0.0040	-0.0013	0.0015	7.77E+06	0.476	4268.500	6199	0	34537	0.0040	-0.0011	0.0017	8.98E+06	0.415
3308.010	4200	0	31241	0.0041	-0.0013	0.0015	7.80E+06	0.477	4269.500	6200	0	34568	0.0040	-0.0011	0.0017	8.98E+06	0.418
3309.010	4200	0	31101	0.0041	-0.0013	0.0015	7.82E+06	0.479	4270.500	6200	0	34615	0.0040	-0.0011	0.0017	9.01E+06	0.417
3310.010	4201	0	30945	0.0041	-0.0013	0.0015	7.80E+06	0.478	4271.500	6199	0	34646	0.0040	-0.0011	0.0017	8.95E+06	0.416
3311.010	4200	0	30883	0.0041	-0.0013	0.0015	7.77E+06	0.478	4272.500	6200	0	34693	0.0040	-0.0011	0.0017	8.94E+06	0.414
3312.010	4201	0	30805	0.0040	-0.0013	0.0015	7.75E+06	0.478	4273.500	6199	0	34740	0.0040	-0.0012	0.0017	8.95E+06	0.416
3313.010	4200	0	30805	0.0040	-0.0013	0.0015	7.73E+06	0.479	4274.500	6199	0	34802	0.0040	-0.0012	0.0017	8.92E+06	0.414
3314.010	4200	0	30930	0.0041	-0.0013	0.0015	7.79E+06	0.480	4275.500	6201	0	34848	0.0040	-0.0012	0.0017	8.93E+06	0.412
3315.000	4199	0	31007	0.0041	-0.0013	0.0015	7.80E+06	0.481	4276.500	6200	0	34848	0.0040	-0.0012	0.0017	8.95E+06	0.413
3316.000	4200	0	31054	0.0041	-0.0013	0.0015	7.76E+06	0.481	4277.500	6201	0	34926	0.0040	-0.0012	0.0017	8.87E+06	0.411
3317.000	4200	0	31147	0.0041	-0.0013	0.0015	7.73E+06	0.479	4278.500	6200	0	34957	0.0040	-0.0012	0.0017	8.90E+06	0.414
3318.000	4200	0	31210	0.0041	-0.0013	0.0015	7.70E+06	0.478	4279.500	6200	0	34973	0.0040	-0.0012	0.0017	8.89E+06	0.415
3318.390	4200	0	31225	0.0041	-0.0013	0.0015	7.65E+06	0.476	4280.500	6200	0	35019	0.0040	-0.0012	0.0017	8.81E+06	0.413
									4281.500	6199	0	35097	0.0040	-0.0012	0.0017	8.81E+06	0.414
									4282.500	6200	0	35082	0.0040	-0.0012	0.0017	8.82E+06	0.414
									4283.500	6200	0	35128	0.0040	-0.0012	0.0017	8.80E+06	0.413
									4284.500	6199	0	35175	0.0041	-0.0012	0.0017	8.84E+06	0.413
									4285.500	6199	0	35191	0.0040	-0.0012	0.0017	8.88E+06	0.415
									4286.490	6199	0	35222	0.0041	-0.0012	0.0017	8.90E+06	0.416
									4287.490	6200	0	35284	0.0041	-0.0012	0.0017	8.96E+06	0.418
									4288.490	6200	0	35315	0.0041	-0.0012	0.0017	9.01E+06	0.419
									4289.490	6199	0	35346	0.0041	-0.0012	0.0017	9.02E+06	0.423
									4290.490	6200	0	35408	0.0041	-0.0012	0.0017	9.07E+06	0.426
									4291.490	6199	0	35455	0.0041	-0.0012	0.0017	9.09E+06	0.425
									4292.490	6201	0	35486	0.0041	-0.0012	0.0017	9.08E+06	0.425
									4293.490	6199	0	35533	0.0041	-0.0012	0.0017	9.14E+06	0.426
									4294.490	6201	0	35533	0.0041	-0.0012	0.0017	9.21E+06	0.428
									4295.490	6200	0	35626	0.0041	-0.0012	0.0017	9.	

				4303.490	6199	0	35890	0.0041	-0.0012	0.0017	9.25E+06	0.427
				4304.490	6200	0	35921	0.0041	-0.0012	0.0017	9.26E+06	0.428
				4305.490	6201	0	35952	0.0041	-0.0012	0.0017	9.27E+06	0.431
				4306.490	6200	0	36030	0.0041	-0.0012	0.0017	9.20E+06	0.428
				4307.490	6200	0	36030	0.0041	-0.0012	0.0017	9.23E+06	0.428
				4308.490	6199	0	36108	0.0041	-0.0012	0.0017	9.26E+06	0.427
				4309.490	6199	0	36124	0.0041	-0.0012	0.0017	9.28E+06	0.423
				4310.490	6200	0	36155	0.0042	-0.0012	0.0017	9.17E+06	0.418
				4311.490	6200	0	36186	0.0042	-0.0012	0.0017	9.23E+06	0.422
				4312.490	6199	0	36248	0.0042	-0.0012	0.0017	9.26E+06	0.422
				4313.490	6200	0	36326	0.0042	-0.0012	0.0017	9.24E+06	0.421
				4314.490	6199	0	36341	0.0042	-0.0012	0.0017	9.19E+06	0.418
				4315.490	6199	0	36388	0.0042	-0.0012	0.0017	9.22E+06	0.418
				4316.490	6199	0	36403	0.0042	-0.0012	0.0017	9.15E+06	0.417
				4317.480	6200	0	36450	0.0042	-0.0012	0.0017	9.18E+06	0.417
				4318.480	6199	0	36497	0.0042	-0.0012	0.0017	9.19E+06	0.416
				4319.480	6201	0	36559	0.0042	-0.0012	0.0017	9.16E+06	0.416
				4320.480	6200	0	36574	0.0042	-0.0012	0.0017	9.15E+06	0.417
				4321.480	6199	0	36606	0.0042	-0.0012	0.0017	9.16E+06	0.417
				4322.480	6200	0	36668	0.0042	-0.0012	0.0017	9.11E+06	0.419
				4323.480	6199	0	36668	0.0042	-0.0012	0.0017	9.11E+06	0.420
				4324.480	6199	0	36746	0.0042	-0.0012	0.0017	9.13E+06	0.421
				4325.480	6200	0	36777	0.0042	-0.0012	0.0017	9.12E+06	0.422
				4326.480	6200	0	36808	0.0042	-0.0012	0.0017	9.10E+06	0.423
				4327.480	6200	0	36854	0.0042	-0.0012	0.0017	9.12E+06	0.424
				4328.480	6200	0	36917	0.0042	-0.0012	0.0017	9.07E+06	0.425
				4329.480	6201	0	36932	0.0042	-0.0013	0.0017	9.06E+06	0.425
				4330.480	6199	0	36979	0.0042	-0.0013	0.0017	9.04E+06	0.427
				4331.480	6200	0	37025	0.0042	-0.0013	0.0017	8.99E+06	0.429
				4332.480	6201	0	37165	0.0043	-0.0013	0.0017	8.99E+06	0.431
				4333.480	6200	0	37228	0.0043	-0.0013	0.0017	8.99E+06	0.433
				4334.480	6200	0	37352	0.0043	-0.0013	0.0017	8.98E+06	0.434
				4335.480	6201	0	37445	0.0043	-0.0013	0.0018	8.98E+06	0.433
				4336.480	6201	0	37570	0.0043	-0.0013	0.0017	8.95E+06	0.434
				4337.480	6201	0	37632	0.0043	-0.0013	0.0017	8.91E+06	0.434
				4338.480	6199	0	37725	0.0043	-0.0013	0.0017	8.89E+06	0.435
				4339.480	6198	0	37819	0.0043	-0.0013	0.0018	8.90E+06	0.437
				4340.480	6199	0	37896	0.0043	-0.0013	0.0018	8.90E+06	0.441
				4341.480	6199	0	37958	0.0044	-0.0013	0.0018	8.91E+06	0.443
				4342.480	6199	0	38052	0.0043	-0.0013	0.0017	8.92E+06	0.446
				4343.480	6200	0	38130	0.0044	-0.0013	0.0018	8.89E+06	0.447
				4344.480	6199	0	38192	0.0044	-0.0013	0.0018	8.89E+06	0.448
				4345.480	6200	0	38238	0.0044	-0.0013	0.0018	8.89E+06	0.449
				4346.480	6201	0	38316	0.0044	-0.0013	0.0018	8.86E+06	0.451
				4347.480	6200	0	38363	0.0044	-0.0013	0.0018	8.85E+06	0.452
				4348.480	6199	0	38425	0.0044	-0.0013	0.0018	8.86E+06	0.452
				4349.470	6200	0	38534	0.0044	-0.0013	0.0018	8.81E+06	0.453
				4350.470	6199	0	38549	0.0044	-0.0013	0.0018	8.82E+06	0.455
				4351.470	6199	0	38596	0.0044	-0.0013	0.0018	8.83E+06	0.459
				4352.470	6198	0	38658	0.0044	-0.0013	0.0018	8.79E+06	0.461
				4353.470	6200	0	38689	0.0044	-0.0013	0.0018	8.80E+06	0.464
				4354.470	6201	0	38752	0.0044	-0.0013	0.0018	8.78E+06	0.466
				4355.470	6199	0	38783	0.0044	-0.0013	0.0018	8.75E+06	0.469
				4356.470	6201	0	38845	0.0045	-0.0013	0.0018	8.73E+06	0.473
				4357.470	6200	0	38907	0.0045	-0.0013	0.0018	8.67E+06	0.474
				4358.470	6201	0	38938	0.0045	-0.0014	0.0018	8.65E+06	0.476
				4359.470	6200	0	38954	0.0045	-0.0014	0.0018	8.66E+06	0.479
				4360.470	6199	0	39031	0.0045	-0.0013	0.0018	8.65E+06	0.478
				4361.470	6200	0	39047	0.0045	-0.0014	0.0018	8.61E+06	0.478
				4362.470	6199	0	39094	0.0045	-0.0014	0.0018	8.67E+06	0.482
				4363.470	6200	0	39156	0.0045	-0.0014	0.0018	8.71E+06	0.487
				4364.470	6201	0	39171	0.0045	-0.0014	0.0018	8.68E+06	0.488
				4365.470	6199	0	39203	0.0045	-0.0014	0.0018	8.66E+06	0.487
				4366.470	6199	0	39234	0.0045	-0.0014	0.0018	8.69E+06	0.489
				4367.470	6199	0	39296	0.0045	-0.0014	0.0018	8.63E+06	0.488
				4368.470	6200	0	39327	0.0045	-0.0014	0.0018	8.69E+06	0.492
				4369.470	6199	0	39358	0.0045	-0.0014	0.0018	8.70E+06	0.490
				4370.470	6199	0	39405	0.0045	-0.0014	0.0018	8.69E+06	0.490
				4371.470	6200	0	39420	0.0045	-0.0014	0.0018	8.71E+06	0.491
				4372.470	6199	0	39467	0.0045	-0.0014	0.0018	8.75E+06	0.496
				4373.470	6200	0	39514	0.0045	-0.0014	0.0018	8.73E+06	0.495
				4374.470	6198	0	39498	0.0045	-0.0014	0.0018	8.75E+06	0.498
				4375.470	6199	0	39576	0.0045	-0.0014	0.0018	8.78E+06	0.498
				4376.470	6199	0	39607	0.0045	-0.0014	0.0017	8.71E+06	0.497
				4377.470	6199	0	39653	0.0045	-0.0014	0.0018	8.73E+06	0.500
				4378.470	6200	0	39653	0.0045	-0.0014	0.0018	8.77E+06	0.501

				4379.460	6199	0	39716	0.0045	-0.0014	0.0018	8.75E+06	0.503
				4380.460	6199	0	39731	0.0046	-0.0014	0.0018	8.74E+06	0.500
				4381.460	6199	0	39778	0.0046	-0.0014	0.0018	8.73E+06	0.502
				4382.460	6199	0	39809	0.0046	-0.0014	0.0018	8.71E+06	0.503
				4383.460	6200	0	39840	0.0046	-0.0014	0.0018	8.76E+06	0.504
				4384.460	6202	0	39871	0.0046	-0.0014	0.0018	8.74E+06	0.503
				4385.460	6201	0	39933	0.0046	-0.0014	0.0018	8.70E+06	0.503
				4386.460	6200	0	39933	0.0046	-0.0014	0.0018	8.77E+06	0.503
				4387.460	6199	0	39964	0.0046	-0.0014	0.0018	8.69E+06	0.498
				4388.460	6200	0	39996	0.0046	-0.0014	0.0018	8.63E+06	0.495
				4389.460	6200	0	40011	0.0046	-0.0014	0.0018	8.59E+06	0.491
				4390.460	6199	0	40058	0.0046	-0.0014	0.0018	8.61E+06	0.493
				4391.460	6199	0	40089	0.0046	-0.0014	0.0018	8.59E+06	0.496
				4392.460	6199	0	40136	0.0046	-0.0014	0.0018	8.60E+06	0.495
				4393.460	6201	0	40182	0.0046	-0.0014	0.0018	8.56E+06	0.496
				4394.460	6199	0	40213	0.0046	-0.0014	0.0018	8.47E+06	0.494
				4395.460	6201	0	40244	0.0046	-0.0014	0.0018	8.49E+06	0.494
				4396.460	6199	0	40275	0.0046	-0.0014	0.0018	8.46E+06	0.493
				4397.460	6199	0	40291	0.0046	-0.0014	0.0017	8.40E+06	0.492
				4398.460	6199	0	40353	0.0046	-0.0014	0.0018	8.44E+06	0.492
				4399.460	6200	0	40338	0.0046	-0.0014	0.0018	8.49E+06	0.493
				4400.460	6200	0	40384	0.0046	-0.0014	0.0018	8.46E+06	0.494
				4401.460	6199	0	40400	0.0046	-0.0014	0.0018	8.52E+06	0.495
				4402.460	6200	0	40447	0.0046	-0.0014	0.0018	8.58E+06	0.499
				4403.460	6199	0	40493	0.0046	-0.0014	0.0018	8.50E+06	0.495
				4404.460	6199	0	40540	0.0046	-0.0014	0.0018	8.51E+06	0.491
				4405.460	6199	0	40555	0.0046	-0.0014	0.0018	8.52E+06	0.491
				4406.460	6200	0	40602	0.0047	-0.0014	0.0018	8.48E+06	0.492
				4407.460	6200	0	40649	0.0047	-0.0014	0.0018	8.47E+06	0.492
				4408.460	6201	0	40711	0.0046	-0.0014	0.0018	8.48E+06	0.490
				4409.460	6200	0	40664	0.0047	-0.0014	0.0018	8.44E+06	0.488
				4410.460	6199	0	40711	0.0047	-0.0015	0.0018	8.45E+06	0.488
				4411.450	6199	0	40758	0.0047	-0.0015	0.0018	8.45E+06	0.485
				4412.450	6199	0	40773	0.0047	-0.0015	0.0018	8.46E+06	0.488
				4413.450	6199	0	40820	0.0047	-0.0015	0.0018	8.49E+06	0.487
				4414.450	6200	0	40835	0.0047	-0.0015	0.0018	8.52E+06	0.486
				4415.450	6200	0	40898	0.0047	-0.0015	0.0018	8.46E+06	0.485
				4416.450	6199	0	40898	0.0047	-0.0015	0.0017	8.46E+06	0.485
				4417.450	6199	0	40944	0.0047	-0.0015	0.0018	8.51E+06	0.487
				4418.450	6201	0	40975	0.0047	-0.0015	0.0018	8.47E+06	0.483
				4419.450	6199	0	41006	0.0047	-0.0015	0.0018	8.51E+06	0.484
				4420.450	6201	0	41053	0.0047	-0.0015	0.0017	8.51E+06	0.482
				4421.450	6199	0	41084	0.0047	-0.0015	0.0018	8.46E+06	0.479
				4422.450	6199	0	41100	0.0047	-0.0015	0.0018	8.46E+06	0.482
				4423.450	6200	0	41177	0.0047	-0.0015	0.0018	8.50E+06	0.485
				4424.450	6199	0	41162	0.0047	-0.0015	0.0018	8.46E+06	0.483
				4425.450	6200	0	41209	0.0047	-0.0015	0.0018	8.49E+06	0.485
				4426.450	6199	0	41240	0.0047	-0.0015	0.0018	8.53E+06	0.487
				4427.450	6199	0	41286	0.0047	-0.0015	0.0018	8.46E+06	0.486
				4428.450	6200	0	41302	0.0047	-0.0015	0.0018	8.52E+06	0.488
				4429.450	6199	0	41380	0.0047	-0.0015	0.0018	8.56E+06	0.489
				4430.450	6201	0	41380	0.0047	-0.0015	0.0018	8.56E+06	0.489
				4431.450	6199	0	41411	0.0047	-0.0015	0.0018	8.59E+06	0.487
				4432.450	6201	0	41426	0.0047	-0.0015	0.0018	8.60E+06	0.487
				4433.450	6199	0	41488	0.0047	-0.0015	0.0018	8.60E+06	0.486
				4434.450	6199	0	41520	0.0048	-0.0015	0.0018	8.66E+06	0.488
				4435.450	6199	0	41551	0.0048	-0.0015	0.0018	8.69E+06	0.490
				4436.450	6200	0	41582	0.0048	-0.0015	0.0018	8.62E+06	0.489
				4437.450	6201	0	41659	0.0048	-0.0015	0.0018	8.68E+06	0.492
				4438.450	6200	0	41691	0.0048	-0.0015	0.0018	8.64E+06	0.492
				4439.450	6199	0	41737	0.0048	-0.0015	0.0018	8.62E+06	0.493
				4440.450	6199	0	41753	0.0048	-0.0015	0.0018	8.62E+06	0.493
				4441.450	6201	0	41815	0.0048	-0.0015	0.0018	8.66E+06	0.496
				4442.440	6200	0	41831	0.0048	-0.0015	0.0018	8.69E+06	0.501
				4443.440	6200	0	41877	0.0048	-0.0015	0.0018	8.74E+06	0.503
				4444.440	6200	0	41955	0.0048	-0.0015	0.0018	8.75E+06	0.505
				4445.440	6199	0	41939	0.0048	-0.0015	0.0018	8.70E+06	0.505
				4446.440	6199	0	42033	0.0048	-0.0015	0.0018	8.73E+06	0.508
				4447.440	6199	0	42002	0.0048	-0.0015	0.0018	8.69E+06	0.510
				4448.440	6201	0	42079	0.0048	-0.0015	0.0018	8.65E+06	0.508
				4449.440	6199	0	42079	0.0048	-0.0015	0.0018	8.68E+06	0.510
				4450.440	6199	0	42173	0.0048	-0.0015	0.0018	8.72E+06	0.515
				4451.440	6200	0	42219	0.0048	-0.0015	0.0018	8.68E+06	0.515
				4452.440	6200	0	42250	0.0048	-0.0015	0.0018	8.69E+06	0.515
				4453.440	6200	0	42281	0.0048	-0.0015	0.0018	8.69E+06	0.515
				4454.440	6201	0	42313	0.0048	-0.0015	0.0018	8.63E+06	0.514

				4455.440	6200	0	42375	0.0049	-0.0015	0.0018	8.61E+06	0.512
				4456.440	6199	0	42390	0.0048	-0.0015	0.0018	8.64E+06	0.514
				4457.440	6199	0	42437	0.0049	-0.0015	0.0018	8.65E+06	0.517
				4458.440	6200	0	42515	0.0049	-0.0016	0.0018	8.65E+06	0.519
				4459.440	6199	0	42499	0.0049	-0.0016	0.0018	8.66E+06	0.518
				4460.440	6201	0	42577	0.0049	-0.0016	0.0018	8.59E+06	0.516
				4461.440	6199	0	42577	0.0049	-0.0016	0.0018	8.56E+06	0.516
				4462.440	6200	0	42639	0.0049	-0.0016	0.0018	8.55E+06	0.515
				4463.440	6201	0	42655	0.0049	-0.0016	0.0018	8.54E+06	0.516
				4464.440	6199	0	42701	0.0049	-0.0016	0.0018	8.52E+06	0.516
				4465.440	6200	0	42748	0.0049	-0.0016	0.0018	8.55E+06	0.519
				4466.440	6199	0	42795	0.0049	-0.0016	0.0018	8.50E+06	0.519
				4467.440	6199	0	42857	0.0049	-0.0016	0.0018	8.54E+06	0.524
				4468.440	6199	0	42888	0.0049	-0.0016	0.0018	8.55E+06	0.525
				4469.440	6199	0	42935	0.0049	-0.0016	0.0018	8.51E+06	0.524
				4470.440	6200	0	42981	0.0049	-0.0016	0.0018	8.51E+06	0.525
				4471.440	6199	0	42997	0.0049	-0.0016	0.0018	8.49E+06	0.524
				4472.440	6200	0	43059	0.0049	-0.0016	0.0018	8.45E+06	0.522
				4473.440	6201	0	43106	0.0049	-0.0016	0.0018	8.44E+06	0.524
				4474.430	6200	0	43137	0.0049	-0.0016	0.0018	8.43E+06	0.523
				4475.430	6200	0	43183	0.0049	-0.0016	0.0018	8.36E+06	0.524
				4476.430	6199	0	43199	0.0050	-0.0016	0.0018	8.37E+06	0.525
				4477.430	6201	0	43246	0.0050	-0.0016	0.0018	8.39E+06	0.526
				4478.430	6200	0	43277	0.0050	-0.0016	0.0018	8.34E+06	0.527
				4479.430	6201	0	43339	0.0050	-0.0016	0.0018	8.39E+06	0.530
				4480.430	6200	0	43370	0.0050	-0.0016	0.0018	8.42E+06	0.532
				4481.430	6199	0	43432	0.0050	-0.0016	0.0017	8.42E+06	0.531
				4482.430	6199	0	43463	0.0050	-0.0016	0.0018	8.42E+06	0.529
				4483.430	6199	0	43479	0.0050	-0.0016	0.0018	8.44E+06	0.529
				4484.430	6200	0	43557	0.0050	-0.0016	0.0018	8.40E+06	0.527
				4485.430	6200	0	43557	0.0050	-0.0016	0.0018	8.41E+06	0.529
				4486.430	6200	0	43634	0.0050	-0.0016	0.0018	8.45E+06	0.532
				4487.430	6200	0	43665	0.0050	-0.0016	0.0018	8.39E+06	0.531
				4488.430	6199	0	43743	0.0050	-0.0016	0.0018	8.37E+06	0.532
				4489.430	6199	0	43743	0.0050	-0.0016	0.0018	8.33E+06	0.532
				4490.430	6200	0	43774	0.0050	-0.0016	0.0017	8.30E+06	0.534
				4491.430	6200	0	43821	0.0050	-0.0016	0.0018	8.33E+06	0.537
				4492.430	6202	0	43837	0.0050	-0.0016	0.0017	8.34E+06	0.539
				4493.430	6199	0	43914	0.0050	-0.0016	0.0018	8.33E+06	0.541
				4494.430	6200	0	43961	0.0050	-0.0016	0.0018	8.34E+06	0.544
				4495.430	6199	0	43976	0.0050	-0.0016	0.0017	8.36E+06	0.546
				4496.430	6201	0	44054	0.0051	-0.0017	0.0018	8.37E+06	0.547
				4497.430	6199	0	44085	0.0051	-0.0017	0.0018	8.36E+06	0.547
				4498.430	6200	0	44116	0.0050	-0.0017	0.0017	8.35E+06	0.548
				4499.430	6199	0	44163	0.0051	-0.0017	0.0018	8.31E+06	0.547
				4500.430	6199	0	44194	0.0051	-0.0017	0.0017	8.32E+06	0.549
				4501.430	6201	0	44288	0.0051	-0.0017	0.0018	8.35E+06	0.552
				4502.430	6200	0	44303	0.0051	-0.0017	0.0017	8.29E+06	0.553
				4503.430	6199	0	44350	0.0051	-0.0017	0.0017	8.29E+06	0.553
				4504.420	6202	0	44412	0.0051	-0.0017	0.0017	8.26E+06	0.551
				4505.420	6200	0	44474	0.0051	-0.0017	0.0017	8.23E+06	0.552
				4506.420	6199	0	44521	0.0051	-0.0017	0.0017	8.23E+06	0.555
				4507.420	6199	0	44552	0.0051	-0.0017	0.0018	8.25E+06	0.558
				4508.420	6200	0	44599	0.0051	-0.0017	0.0017	8.25E+06	0.559
				4509.420	6200	0	44614	0.0051	-0.0017	0.0017	8.27E+06	0.563
				4510.420	6201	0	44692	0.0051	-0.0017	0.0017	8.28E+06	0.564
				4511.420	6201	0	44754	0.0051	-0.0017	0.0017	8.25E+06	0.564
				4512.420	6199	0	44785	0.0051	-0.0017	0.0017	8.23E+06	0.566
				4513.420	6199	0	44816	0.0051	-0.0017	0.0017	8.20E+06	0.565
				4514.420	6200	0	44863	0.0052	-0.0017	0.0017	8.19E+06	0.565
				4515.420	6200	0	44894	0.0052	-0.0017	0.0017	8.18E+06	0.566
				4516.420	6201	0	44987	0.0051	-0.0017	0.0017	8.20E+06	0.571
				4517.420	6200	0	44972	0.0052	-0.0017	0.0017	8.15E+06	0.572
				4518.420	6199	0	45049	0.0052	-0.0017	0.0017	8.16E+06	0.577
				4519.420	6200	0	45065	0.0052	-0.0017	0.0017	8.17E+06	0.578
				4520.420	6202	0	45112	0.0052	-0.0017	0.0017	8.13E+06	0.579
				4521.420	6200	0	45158	0.0052	-0.0017	0.0017	8.14E+06	0.583
				4522.420	6199	0	45205	0.0052	-0.0017	0.0017	8.16E+06	0.586
				4523.420	6200	0	45236	0.0052	-0.0017	0.0017	8.15E+06	0.588
				4524.420	6199	0	45267	0.0052	-0.0017	0.0017	8.14E+06	0.588
				4525.420	6199	0	45314	0.0052	-0.0017	0.0017	8.12E+06	0.586
				4526.420	6201	0	45345	0.0052	-0.0017	0.0017	8.08E+06	0.587
				4527.420	6199	0	45360	0.0052	-0.0017	0.0017	8.07E+06	0.586
				4528.420	6199	0	45454	0.0052	-0.0017	0.0017	8.07E+06	0.588
				4529.420	6200	0	45485	0.0052	-0.0017	0.0017	8.04E+06	0.588
				4530.420	6199	0	45532	0.0052	-0.0018	0.0017	8.09E+06	0.590

				4531.420	6200	0	45547	0.0052	-0.0018	0.0017	8.15E+06	0.594
				4532.420	6201	0	45563	0.0052	-0.0018	0.0017	8.15E+06	0.595
				4533.420	6200	0	45625	0.0052	-0.0018	0.0017	8.18E+06	0.597
				4534.420	6201	0	45656	0.0052	-0.0018	0.0017	8.23E+06	0.601
				4535.420	6201	0	45703	0.0052	-0.0018	0.0017	8.18E+06	0.600
				4536.410	6199	0	45749	0.0053	-0.0018	0.0017	8.16E+06	0.597
				4537.410	6200	0	45765	0.0053	-0.0018	0.0017	8.19E+06	0.598
				4538.410	6199	0	45796	0.0053	-0.0018	0.0017	8.16E+06	0.599
				4539.410	6199	0	45843	0.0053	-0.0018	0.0017	8.17E+06	0.600
				4540.410	6199	0	45889	0.0053	-0.0018	0.0017	8.15E+06	0.602
				4541.410	6200	0	45936	0.0053	-0.0018	0.0017	8.14E+06	0.603
				4542.410	6199	0	45951	0.0053	-0.0018	0.0017	8.18E+06	0.607
				4543.410	6201	0	45998	0.0053	-0.0018	0.0017	8.20E+06	0.608
				4544.410	6199	0	46045	0.0053	-0.0018	0.0017	8.18E+06	0.609
				4545.410	6200	0	46091	0.0053	-0.0018	0.0017	8.16E+06	0.608
				4546.410	6199	0	46154	0.0053	-0.0018	0.0017	8.19E+06	0.611
				4547.410	6200	0	46185	0.0053	-0.0018	0.0017	8.17E+06	0.609
				4548.410	6199	0	46231	0.0053	-0.0018	0.0017	8.17E+06	0.609
				4549.410	6199	0	46262	0.0053	-0.0018	0.0017	8.15E+06	0.607
				4550.410	6201	0	46340	0.0053	-0.0018	0.0017	8.09E+06	0.605
				4551.410	6200	0	46387	0.0053	-0.0018	0.0017	8.12E+06	0.607
				4552.410	6201	0	46449	0.0053	-0.0018	0.0017	8.14E+06	0.608
				4553.410	6199	0	46496	0.0053	-0.0018	0.0017	8.07E+06	0.607
				4554.410	6199	0	46558	0.0054	-0.0018	0.0017	8.06E+06	0.608
				4555.410	6199	0	46605	0.0054	-0.0018	0.0017	8.06E+06	0.609
				4556.410	6199	0	46636	0.0054	-0.0018	0.0017	8.04E+06	0.610
				4557.410	6200	0	46698	0.0054	-0.0018	0.0017	8.05E+06	0.614
				4558.410	6200	0	46744	0.0054	-0.0018	0.0017	8.03E+06	0.615
				4559.410	6200	0	46776	0.0054	-0.0018	0.0017	8.01E+06	0.618
				4560.410	6200	0	46822	0.0054	-0.0018	0.0017	8.03E+06	0.623
				4561.410	6199	0	46853	0.0054	-0.0018	0.0017	8.04E+06	0.623
				4562.410	6201	0	46916	0.0054	-0.0019	0.0017	8.02E+06	0.625
				4563.410	6199	0	46962	0.0054	-0.0019	0.0017	7.99E+06	0.625
				4564.410	6199	0	46993	0.0054	-0.0019	0.0017	7.98E+06	0.626
				4565.410	6200	0	47024	0.0054	-0.0019	0.0017	7.97E+06	0.628
				4566.410	6201	0	47087	0.0054	-0.0019	0.0017	7.96E+06	0.630
				4567.400	6200	0	47133	0.0054	-0.0019	0.0017	7.97E+06	0.634
				4568.400	6199	0	47180	0.0054	-0.0019	0.0017	7.90E+06	0.633
				4569.400	6199	0	47211	0.0054	-0.0019	0.0017	7.89E+06	0.636
				4570.400	6199	0	47242	0.0054	-0.0019	0.0017	7.86E+06	0.637
				4571.400	6199	0	47289	0.0054	-0.0019	0.0017	7.82E+06	0.638
				4572.400	6198	0	47335	0.0055	-0.0019	0.0017	7.81E+06	0.642
				4573.400	6201	0	47398	0.0055	-0.0019	0.0017	7.87E+06	0.649
				4574.400	6200	0	47413	0.0055	-0.0019	0.0017	7.83E+06	0.651
				4575.400	6200	0	47444	0.0055	-0.0019	0.0017	7.80E+06	0.651
				4576.400	6203	0	47506	0.0055	-0.0019	0.0017	7.80E+06	0.653
				4577.400	6200	0	47538	0.0055	-0.0019	0.0017	7.77E+06	0.654
				4578.400	6199	0	47569	0.0055	-0.0019	0.0017	7.70E+06	0.651
				4579.400	6201	0	47584	0.0055	-0.0019	0.0017	7.68E+06	0.653
				4580.400	6199	0	47646	0.0055	-0.0019	0.0017	7.65E+06	0.653
				4581.400	6201	0	47693	0.0055	-0.0019	0.0017	7.66E+06	0.655
				4582.400	6199	0	47709	0.0055	-0.0019	0.0017	7.70E+06	0.657
				4583.400	6199	0	47771	0.0055	-0.0019	0.0017	7.65E+06	0.658
				4584.400	6201	0	47786	0.0055	-0.0019	0.0016	7.64E+06	0.660
				4585.400	6201	0	47833	0.0055	-0.0019	0.0016	7.65E+06	0.664
				4586.400	6200	0	47895	0.0055	-0.0019	0.0017	7.61E+06	0.662
				4587.400	6199	0	47895	0.0055	-0.0019	0.0016	7.56E+06	0.658
				4588.400	6201	0	47942	0.0055	-0.0019	0.0017	7.58E+06	0.658
				4589.400	6199	0	47988	0.0055	-0.0019	0.0016	7.56E+06	0.660
				4590.400	6200	0	48020	0.0055	-0.0019	0.0016	7.58E+06	0.661
				4591.400	6198	0	48035	0.0055	-0.0020	0.0016	7.55E+06	0.663
				4592.400	6200	0	48082	0.0055	-0.0020	0.0016	7.52E+06	0.661
				4593.400	6200	0	48113	0.0056	-0.0020	0.0016	7.54E+06	0.663
				4594.400	6200	0	48160	0.0055	-0.0020	0.0016	7.55E+06	0.665
				4595.400	6200	0	48175	0.0056	-0.0020	0.0016	7.51E+06	0.664
				4596.400	6198	0	48237	0.0056	-0.0020	0.0016	7.50E+06	0.663
				4597.400	6199	0	48268	0.0056	-0.0020	0.0016	7.58E+06	0.670
				4598.400	6199	0	48299	0.0056	-0.0020	0.0016	7.53E+06	0.668
				4599.390	6199	0	48346	0.0056	-0.0020	0.0016	7.56E+06	0.669
				4600.390	6199	0	48362	0.0056	-0.0020	0.0016	7.57E+06	0.668
				4601.390	6199	0	48393	0.0056	-0.0020	0.0016	7.55E+06	0.667
				4602.390	6200	0	48471	0.0056	-0.0020	0.0016	7.60E+06	0.670
				4603.390	6200	0	48455	0.0056	-0.0020	0.0016	7.63E+06	0.670
				4604.390	6202	0	48517	0.0056	-0.0020	0.0016	7.59E+06	0.668
				4605.390	6200	0	48564	0.0056	-0.0020	0.0016	7.60E+06	0.666
				4606.390	6200	0	48595	0.0056	-0.0020	0.0016	7.60E+06	0.667

				4607.390	6200	0	48626	0.0056	-0.0020	0.0016	7.59E+06	0.667
				4608.390	6199	0	48642	0.0056	-0.0020	0.0016	7.60E+06	0.666
				4609.390	6200	0	48688	0.0056	-0.0020	0.0016	7.60E+06	0.665
				4610.390	6199	0	48688	0.0056	-0.0020	0.0016	7.56E+06	0.664
				4611.390	6199	0	48750	0.0056	-0.0020	0.0016	7.61E+06	0.669
				4612.390	6199	0	48766	0.0056	-0.0020	0.0016	7.63E+06	0.667
				4613.390	6200	0	48828	0.0056	-0.0020	0.0016	7.60E+06	0.667
				4614.390	6199	0	48859	0.0056	-0.0020	0.0016	7.59E+06	0.662
				4615.390	6200	0	48890	0.0057	-0.0020	0.0016	7.61E+06	0.664
				4616.390	6202	0	48890	0.0057	-0.0020	0.0016	7.64E+06	0.665
				4617.390	6200	0	48937	0.0057	-0.0020	0.0016	7.64E+06	0.663
				4618.390	6201	0	48999	0.0057	-0.0020	0.0016	7.69E+06	0.665
				4619.390	6199	0	49015	0.0057	-0.0020	0.0016	7.62E+06	0.658
				4620.390	6199	0	49046	0.0057	-0.0020	0.0016	7.63E+06	0.659
				4621.390	6200	0	49093	0.0057	-0.0020	0.0016	7.63E+06	0.661
				4622.390	6199	0	49139	0.0057	-0.0020	0.0016	7.65E+06	0.661
				4623.390	6200	0	49155	0.0057	-0.0021	0.0016	7.65E+06	0.661
				4624.390	6199	0	49201	0.0057	-0.0020	0.0016	7.68E+06	0.662
				4625.390	6199	0	49264	0.0057	-0.0021	0.0016	7.67E+06	0.659
				4626.390	6200	0	49295	0.0057	-0.0021	0.0016	7.70E+06	0.662
				4627.390	6200	0	49310	0.0057	-0.0021	0.0016	7.73E+06	0.666
				4628.390	6199	0	49326	0.0057	-0.0021	0.0016	7.73E+06	0.666
				4629.380	6199	0	49388	0.0057	-0.0021	0.0016	7.72E+06	0.667
				4630.380	6200	0	49435	0.0057	-0.0021	0.0016	7.73E+06	0.668
				4631.380	6200	0	49450	0.0057	-0.0021	0.0016	7.70E+06	0.668
				4632.380	6199	0	49528	0.0057	-0.0021	0.0016	7.70E+06	0.669
				4633.380	6200	0	49575	0.0057	-0.0021	0.0016	7.73E+06	0.671
				4634.380	6200	0	49575	0.0057	-0.0021	0.0016	7.67E+06	0.670
				4635.380	6199	0	49637	0.0058	-0.0021	0.0016	7.65E+06	0.670
				4636.380	6199	0	49668	0.0057	-0.0021	0.0016	7.61E+06	0.670
				4637.380	6200	0	49715	0.0058	-0.0021	0.0016	7.56E+06	0.668
				4638.380	6199	0	49746	0.0058	-0.0021	0.0016	7.55E+06	0.669
				4639.380	6199	0	49808	0.0058	-0.0021	0.0016	7.57E+06	0.672
				4640.380	6201	0	49823	0.0058	-0.0021	0.0016	7.56E+06	0.673
				4641.380	6200	0	49886	0.0058	-0.0021	0.0016	7.58E+06	0.676
				4642.380	6200	0	49948	0.0058	-0.0021	0.0016	7.54E+06	0.676
				4643.380	6199	0	49979	0.0058	-0.0021	0.0016	7.47E+06	0.673
				4644.380	6200	0	49994	0.0058	-0.0021	0.0016	7.43E+06	0.670
				4645.380	6200	0	50026	0.0058	-0.0021	0.0016	7.42E+06	0.674
				4646.380	6201	0	50057	0.0058	-0.0021	0.0015	7.36E+06	0.673
				4647.380	6199	0	50150	0.0058	-0.0021	0.0016	7.35E+06	0.674
				4648.380	6199	0	50166	0.0058	-0.0021	0.0015	7.39E+06	0.680
				4649.380	6199	0	50197	0.0058	-0.0021	0.0016	7.33E+06	0.680
				4650.380	6199	0	50259	0.0058	-0.0021	0.0016	7.34E+06	0.683
				4651.380	6202	0	50274	0.0058	-0.0021	0.0015	7.34E+06	0.687
				4652.380	6201	0	50274	0.0058	-0.0021	0.0015	7.33E+06	0.690
				4653.380	6201	0	50337	0.0058	-0.0022	0.0015	7.32E+06	0.693
				4654.380	6199	0	50399	0.0058	-0.0022	0.0015	7.35E+06	0.699
				4655.380	6200	0	50430	0.0058	-0.0022	0.0015	7.34E+06	0.703
				4656.380	6199	0	50445	0.0059	-0.0022	0.0015	7.33E+06	0.703
				4657.380	6201	0	50492	0.0059	-0.0022	0.0015	7.31E+06	0.704
				4658.380	6199	0	50508	0.0059	-0.0022	0.0015	7.29E+06	0.708
				4659.380	6199	0	50554	0.0059	-0.0022	0.0015	7.31E+06	0.711
				4660.380	6202	0	50616	0.0059	-0.0022	0.0015	7.31E+06	0.714
				4661.370	6200	0	50632	0.0059	-0.0022	0.0015	7.30E+06	0.714
				4662.370	6199	0	50663	0.0059	-0.0022	0.0015	7.32E+06	0.722
				4663.370	6199	0	50679	0.0059	-0.0022	0.0015	7.31E+06	0.722
				4664.370	6200	0	50725	0.0059	-0.0022	0.0015	7.30E+06	0.725
				4665.370	6200	0	50787	0.0059	-0.0022	0.0015	7.32E+06	0.727
				4666.370	6199	0	50834	0.0059	-0.0022	0.0015	7.34E+06	0.733
				4667.370	6200	0	50834	0.0059	-0.0022	0.0015	7.31E+06	0.735
				4668.370	6200	0	50912	0.0059	-0.0022	0.0015	7.35E+06	0.737
				4669.370	6200	0	50927	0.0059	-0.0022	0.0015	7.38E+06	0.741
				4670.370	6200	0	50959	0.0059	-0.0022	0.0015	7.36E+06	0.739
				4671.370	6199	0	50990	0.0059	-0.0022	0.0015	7.37E+06	0.740
				4672.370	6199	0	51036	0.0059	-0.0022	0.0015	7.39E+06	0.745
				4673.370	6201	0	51067	0.0059	-0.0022	0.0015	7.43E+06	0.748
				4674.370	6199	0	51083	0.0059	-0.0022	0.0015	7.46E+06	0.750
				4675.370	6199	0	51161	0.0060	-0.0022	0.0015	7.45E+06	0.748
				4676.370	6199	0	51161	0.0060	-0.0022	0.0015	7.45E+06	0.747
				4677.370	6199	0	51238	0.0060	-0.0022	0.0015	7.49E+06	0.753
				4678.370	6199	0	51238	0.0060	-0.0022	0.0015	7.50E+06	0.755
				4679.370	6199	0	51301	0.0060	-0.0022	0.0015	7.46E+06	0.751
				4680.370	6199	0	51316	0.0060	-0.0023	0.0015	7.48E+06	0.753
				4681.370	6199	0	51347	0.0060	-0.0023	0.0015	7.52E+06	0.756
				4682.370	6200	0	51410	0.0060	-0.0023	0.0015	7.54E+06	0.759

				4683.370	6200	0	51425	0.0060	-0.0023	0.0015	7.55E+06	0.761
				4684.370	6202	0	51472	0.0060	-0.0023	0.0015	7.57E+06	0.765
				4685.370	6199	0	51518	0.0060	-0.0023	0.0015	7.51E+06	0.762
				4686.370	6199	0	51581	0.0060	-0.0023	0.0015	7.52E+06	0.764
				4687.370	6199	0	51565	0.0060	-0.0023	0.0014	7.51E+06	0.766
				4688.370	6201	0	51643	0.0060	-0.0023	0.0015	7.52E+06	0.769
				4689.370	6199	0	51658	0.0060	-0.0023	0.0015	7.53E+06	0.773
				4690.370	6200	0	51721	0.0060	-0.0023	0.0014	7.54E+06	0.777
				4691.370	6200	0	51736	0.0060	-0.0023	0.0014	7.53E+06	0.780
				4692.360	6200	0	51783	0.0060	-0.0023	0.0014	7.55E+06	0.782
				4693.360	6201	0	51845	0.0060	-0.0023	0.0014	7.52E+06	0.784
				4694.360	6199	0	51892	0.0061	-0.0023	0.0014	7.50E+06	0.783
				4695.360	6199	0	51907	0.0061	-0.0023	0.0014	7.47E+06	0.783
				4696.360	6199	0	51969	0.0061	-0.0023	0.0014	7.47E+06	0.787
				4697.360	6201	0	52016	0.0061	-0.0023	0.0014	7.39E+06	0.782
				4698.360	6199	0	52094	0.0061	-0.0023	0.0014	7.37E+06	0.782
				4699.360	6199	0	52109	0.0061	-0.0023	0.0014	7.38E+06	0.788
				4700.360	6200	0	52125	0.0061	-0.0023	0.0014	7.36E+06	0.790
				4701.360	6201	0	52156	0.0061	-0.0023	0.0014	7.33E+06	0.790
				4702.360	6199	0	52187	0.0061	-0.0023	0.0014	7.28E+06	0.789
				4703.360	6199	0	52280	0.0061	-0.0023	0.0014	7.23E+06	0.790
				4704.360	6199	0	52327	0.0061	-0.0023	0.0014	7.21E+06	0.793
				4705.360	6200	0	52358	0.0061	-0.0024	0.0014	7.22E+06	0.796
				4706.360	6199	0	52405	0.0061	-0.0024	0.0014	7.23E+06	0.802
				4707.360	6199	0	52420	0.0061	-0.0024	0.0014	7.17E+06	0.799
				4708.360	6200	0	52451	0.0061	-0.0024	0.0014	7.12E+06	0.799
				4709.360	6199	0	52467	0.0061	-0.0024	0.0014	7.08E+06	0.802
				4710.360	6201	0	52545	0.0061	-0.0024	0.0014	7.06E+06	0.805
				4711.360	6200	0	52576	0.0061	-0.0024	0.0014	7.04E+06	0.809
				4712.360	6200	0	52607	0.0062	-0.0024	0.0014	7.06E+06	0.813
				4713.360	6199	0	52638	0.0061	-0.0024	0.0014	7.06E+06	0.820
				4714.360	6199	0	52685	0.0062	-0.0024	0.0014	7.02E+06	0.821
				4715.360	6199	0	52731	0.0062	-0.0024	0.0014	6.97E+06	0.820
				4716.360	6199	0	52731	0.0062	-0.0024	0.0014	6.97E+06	0.825
				4717.360	6202	0	52794	0.0062	-0.0024	0.0014	6.98E+06	0.832
				4718.360	6200	0	52809	0.0062	-0.0024	0.0014	6.94E+06	0.833
				4719.360	6201	0	52856	0.0062	-0.0024	0.0014	6.94E+06	0.838
				4720.360	6199	0	52887	0.0062	-0.0024	0.0013	6.93E+06	0.841
				4721.360	6199	0	52933	0.0062	-0.0024	0.0013	6.85E+06	0.841
				4722.350	6199	0	52949	0.0062	-0.0024	0.0014	6.83E+06	0.843
				4723.350	6199	0	52980	0.0062	-0.0024	0.0013	6.82E+06	0.846
				4724.350	6201	0	53011	0.0062	-0.0024	0.0013	6.83E+06	0.848
				4725.350	6200	0	53073	0.0062	-0.0024	0.0013	6.85E+06	0.852
				4726.350	6199	0	53073	0.0062	-0.0024	0.0013	6.84E+06	0.854
				4727.350	6199	0	53136	0.0062	-0.0024	0.0013	6.78E+06	0.849
				4728.350	6200	0	53136	0.0062	-0.0025	0.0013	6.76E+06	0.854
				4729.350	6202	0	53213	0.0062	-0.0025	0.0013	6.75E+06	0.854
				4730.350	6199	0	53244	0.0062	-0.0025	0.0013	6.73E+06	0.851
				4731.350	6199	0	53260	0.0062	-0.0025	0.0013	6.73E+06	0.851
				4732.350	6200	0	53276	0.0062	-0.0025	0.0013	6.74E+06	0.854
				4733.350	6202	0	53276	0.0062	-0.0025	0.0013	6.71E+06	0.852
				4734.350	6200	0	53322	0.0063	-0.0025	0.0013	6.71E+06	0.853
				4735.350	6200	0	53369	0.0063	-0.0025	0.0013	6.72E+06	0.858
				4736.350	6201	0	53369	0.0063	-0.0025	0.0013	6.72E+06	0.855
				4737.350	6200	0	53447	0.0063	-0.0025	0.0013	6.71E+06	0.853
				4738.350	6201	0	53462	0.0063	-0.0025	0.0013	6.70E+06	0.852
				4739.350	6200	0	53478	0.0063	-0.0025	0.0013	6.68E+06	0.851
				4740.350	6200	0	53524	0.0063	-0.0025	0.0013	6.71E+06	0.854
				4741.350	6199	0	53540	0.0063	-0.0025	0.0013	6.72E+06	0.852
				4742.350	6199	0	53571	0.0063	-0.0025	0.0013	6.72E+06	0.853
				4743.350	6199	0	53618	0.0063	-0.0025	0.0013	6.73E+06	0.850
				4744.350	6199	0	53618	0.0063	-0.0025	0.0013	6.74E+06	0.851
				4745.350	6199	0	53695	0.0063	-0.0025	0.0013	6.67E+06	0.846
				4746.350	6199	0	53664	0.0063	-0.0025	0.0013	6.69E+06	0.849
				4747.350	6199	0	53727	0.0063	-0.0025	0.0013	6.70E+06	0.849
				4748.350	6199	0	53773	0.0063	-0.0025	0.0013	6.69E+06	0.847
				4749.350	6200	0	53804	0.0063	-0.0025	0.0013	6.69E+06	0.848
				4750.350	6200	0	53835	0.0063	-0.0025	0.0012	6.70E+06	0.852
				4751.350	6200	0	53866	0.0063	-0.0025	0.0012	6.71E+06	0.850
				4752.350	6200	0	53898	0.0063	-0.0025	0.0013	6.70E+06	0.844
				4753.350	6199	0	53913	0.0063	-0.0026	0.0012	6.72E+06	0.837
				4754.340	6200	0	53960	0.0064	-0.0026	0.0012	6.74E+06	0.834
				4755.340	6199	0	53991	0.0063	-0.0026	0.0012	6.81E+06	0.833
				4756.340	6201	0	54038	0.0063	-0.0026	0.0012	6.87E+06	0.832
				4757.340	6199	0	54038	0.0063	-0.0026	0.0012	6.92E+06	0.828
				4758.340	6200	0	54069	0.0064	-0.0026	0.0012	6.91E+06	0.819

				4759.340	6200	0	54115	0.0064	-0.0026	0.0012	6.91E+06	0.812
				4760.340	6201	0	54162	0.0064	-0.0026	0.0012	6.99E+06	0.814
				4761.340	6200	0	54224	0.0064	-0.0026	0.0012	7.03E+06	0.811
				4762.340	6200	0	54224	0.0064	-0.0026	0.0012	7.09E+06	0.814
				4763.340	6200	0	54255	0.0064	-0.0026	0.0012	7.11E+06	0.811
				4764.340	6201	0	54286	0.0064	-0.0026	0.0012	7.14E+06	0.810
				4765.340	6200	0	54317	0.0064	-0.0026	0.0012	7.14E+06	0.808
				4766.340	6200	0	54364	0.0064	-0.0026	0.0012	7.16E+06	0.806
				4767.340	6201	0	54395	0.0064	-0.0026	0.0012	7.20E+06	0.809
				4768.340	6200	0	54426	0.0064	-0.0026	0.0012	7.25E+06	0.813
				4769.340	6200	0	54442	0.0064	-0.0026	0.0012	7.24E+06	0.813
				4770.340	6200	0	54442	0.0064	-0.0026	0.0012	7.23E+06	0.814
				4771.340	6199	0	54504	0.0064	-0.0026	0.0012	7.26E+06	0.816
				4772.340	6200	0	54535	0.0064	-0.0026	0.0012	7.23E+06	0.816
				4773.340	6200	0	54551	0.0064	-0.0026	0.0012	7.23E+06	0.817
				4774.340	6200	0	54582	0.0064	-0.0026	0.0012	7.23E+06	0.821
				4775.340	6200	0	54613	0.0064	-0.0026	0.0012	7.21E+06	0.821
				4776.340	6199	0	54691	0.0065	-0.0026	0.0012	7.20E+06	0.824
				4777.340	6199	0	54800	0.0065	-0.0027	0.0012	7.22E+06	0.829
				4778.340	6200	0	54877	0.0065	-0.0027	0.0012	7.21E+06	0.830
				4779.340	6199	0	54939	0.0065	-0.0027	0.0012	7.19E+06	0.833
				4780.340	6200	0	55017	0.0065	-0.0027	0.0011	7.15E+06	0.835
				4781.340	6201	0	55079	0.0065	-0.0027	0.0011	7.13E+06	0.838
				4782.340	6202	0	55157	0.0065	-0.0027	0.0011	7.11E+06	0.841
				4783.340	6199	0	55188	0.0065	-0.0027	0.0011	7.12E+06	0.849
				4784.340	6200	0	55266	0.0065	-0.0027	0.0011	7.08E+06	0.851
				4785.330	6200	0	55344	0.0065	-0.0027	0.0011	7.08E+06	0.857
				4786.330	6199	0	55390	0.0065	-0.0027	0.0011	7.04E+06	0.860
				4787.330	6201	0	55453	0.0065	-0.0027	0.0011	7.03E+06	0.863
				4788.330	6199	0	55484	0.0066	-0.0027	0.0011	7.00E+06	0.867
				4789.330	6200	0	55546	0.0066	-0.0027	0.0011	6.99E+06	0.874
				4790.330	6200	0	55577	0.0066	-0.0027	0.0011	6.94E+06	0.877
				4791.330	6199	0	55639	0.0066	-0.0027	0.0011	6.93E+06	0.884
				4792.330	6199	0	55717	0.0066	-0.0028	0.0011	6.90E+06	0.888
				4793.330	6199	0	55717	0.0066	-0.0028	0.0011	6.86E+06	0.894
				4794.330	6200	0	55748	0.0066	-0.0028	0.0011	6.83E+06	0.899
				4795.330	6199	0	55795	0.0066	-0.0028	0.0011	6.80E+06	0.906
				4796.330	6201	0	55841	0.0066	-0.0028	0.0011	6.74E+06	0.911
				4797.330	6200	0	55872	0.0066	-0.0028	0.0011	6.70E+06	0.918
				4798.330	6201	0	55935	0.0066	-0.0028	0.0010	6.65E+06	0.924
				4799.330	6200	0	55966	0.0066	-0.0028	0.0010	6.61E+06	0.934
				4800.330	6201	0	56012	0.0066	-0.0028	0.0010	6.56E+06	0.944
				4801.330	6200	0	56028	0.0066	-0.0028	0.0010	6.52E+06	0.958
				4802.330	6199	0	56090	0.0066	-0.0028	0.0010	6.45E+06	0.964
				4803.330	6199	0	56090	0.0066	-0.0028	0.0010	6.41E+06	0.972
				4804.330	6199	0	56137	0.0067	-0.0028	0.0010	6.36E+06	0.978
				4805.330	6201	0	56152	0.0067	-0.0028	0.0010	6.30E+06	0.984
				4806.330	6202	0	56183	0.0067	-0.0028	0.0010	6.24E+06	0.990
				4807.330	6199	0	56215	0.0067	-0.0028	0.0010	6.23E+06	1.002
				4808.330	6199	0	56261	0.0067	-0.0028	0.0010	6.19E+06	1.007
				4809.330	6199	0	56261	0.0067	-0.0028	0.0010	6.13E+06	1.010
				4810.330	6200	0	56308	0.0067	-0.0028	0.0010	6.10E+06	1.013
				4811.330	6199	0	56323	0.0067	-0.0029	0.0010	6.07E+06	1.018
				4812.330	6202	0	56386	0.0067	-0.0029	0.0010	6.05E+06	1.022
				4813.330	6202	0	56401	0.0067	-0.0029	0.0010	6.09E+06	1.036
				4814.330	6201	0	56401	0.0067	-0.0029	0.0010	6.07E+06	1.038
				4815.330	6201	0	56432	0.0067	-0.0029	0.0010	6.04E+06	1.040
				4816.330	6201	0	56463	0.0067	-0.0029	0.0009	6.02E+06	1.044
				4817.320	6199	0	56479	0.0067	-0.0029	0.0009	6.00E+06	1.043
				4818.320	6201	0	56510	0.0067	-0.0029	0.0009	5.98E+06	1.046
				4819.320	6199	0	56557	0.0067	-0.0029	0.0009	6.01E+06	1.054
				4820.320	6200	0	56572	0.0067	-0.0029	0.0009	5.99E+06	1.055
				4821.320	6200	0	56603	0.0067	-0.0029	0.0009	5.96E+06	1.055
				4822.320	6201	0	56634	0.0067	-0.0029	0.0009	5.94E+06	1.054
				4823.320	6199	0	56666	0.0067	-0.0029	0.0009	5.91E+06	1.053
				4824.320	6201	0	56681	0.0067	-0.0029	0.0009	5.90E+06	1.051
				4825.320	6200	0	56728	0.0068	-0.0029	0.0009	5.92E+06	1.056
				4826.320	6199	0	56728	0.0068	-0.0029	0.0009	5.93E+06	1.054
				4827.320	6199	0	56774	0.0068	-0.0029	0.0009	5.92E+06	1.050
				4828.320	6200	0	56790	0.0068	-0.0029	0.0009	5.94E+06	1.050
				4829.320	6199	0	56821	0.0068	-0.0029	0.0009	5.93E+06	1.046
				4830.320	6200	0	56821	0.0068	-0.0029	0.0009	5.91E+06	1.041
				4831.320	6199	0	56837	0.0068	-0.0030	0.0009	5.90E+06	1.039
				4832.320	6200	0	56852	0.0068	-0.0030	0.0009	5.87E+06	1.033
				4833.320	6200	0	56883	0.0068	-0.0030	0.0009	5.86E+06	1.029
				4834.320	6200	0	56930	0.0068	-0.0030	0.0009	5.88E+06	1.030

				4835.320	6199	0	56961	0.0068	-0.0030	0.0009	5.88E+06	1.026
				4836.320	6199	0	56977	0.0068	-0.0030	0.0009	5.89E+06	1.025
				4837.320	6201	0	57008	0.0068	-0.0030	0.0009	5.91E+06	1.023
				4838.320	6200	0	57008	0.0068	-0.0030	0.0008	5.93E+06	1.019
				4839.320	6199	0	57070	0.0068	-0.0030	0.0008	5.95E+06	1.016
				4840.320	6199	0	57039	0.0068	-0.0030	0.0008	5.98E+06	1.017
				4841.320	6200	0	57085	0.0068	-0.0030	0.0008	5.93E+06	1.010
				4842.320	6202	0	57148	0.0068	-0.0030	0.0008	5.94E+06	1.007
				4843.320	6199	0	57117	0.0068	-0.0030	0.0008	5.99E+06	1.009
				4844.320	6199	0	57148	0.0068	-0.0030	0.0008	5.99E+06	1.009
				4845.320	6199	0	57194	0.0068	-0.0030	0.0008	6.00E+06	1.007
				4846.320	6199	0	57194	0.0068	-0.0030	0.0008	6.00E+06	1.004
				4847.320	6202	0	57241	0.0068	-0.0030	0.0008	6.04E+06	1.007
				4848.310	6202	0	57225	0.0068	-0.0030	0.0008	6.03E+06	1.004
				4849.310	6201	0	57288	0.0069	-0.0030	0.0008	6.10E+06	1.010
				4850.310	6201	0	57303	0.0069	-0.0030	0.0008	6.16E+06	1.009
				4851.310	6199	0	57365	0.0069	-0.0030	0.0008	6.16E+06	1.005
				4852.310	6199	0	57381	0.0069	-0.0030	0.0008	6.18E+06	1.003
				4853.310	6201	0	57396	0.0069	-0.0030	0.0008	6.15E+06	0.997
				4854.310	6199	0	57428	0.0069	-0.0030	0.0008	6.20E+06	1.003
				4855.310	6200	0	57443	0.0069	-0.0031	0.0008	6.26E+06	1.005
				4856.310	6200	0	57443	0.0069	-0.0031	0.0008	6.23E+06	1.001
				4857.310	6199	0	57505	0.0069	-0.0031	0.0008	6.25E+06	0.999
				4858.310	6200	0	57552	0.0069	-0.0031	0.0008	6.27E+06	1.004
				4859.310	6198	0	57536	0.0069	-0.0031	0.0008	6.24E+06	1.001
				4860.310	6202	0	57614	0.0069	-0.0031	0.0008	6.22E+06	0.997
				4861.310	6199	0	57614	0.0069	-0.0031	0.0008	6.27E+06	1.006
				4862.310	6200	0	57645	0.0069	-0.0031	0.0007	6.24E+06	1.001
				4863.310	6199	0	57661	0.0069	-0.0031	0.0007	6.25E+06	1.002
				4864.310	6201	0	57707	0.0069	-0.0031	0.0007	6.23E+06	1.002
				4865.310	6199	0	57739	0.0069	-0.0031	0.0007	6.22E+06	0.999
				4866.310	6200	0	57723	0.0069	-0.0031	0.0007	6.19E+06	0.998
				4867.310	6200	0	57801	0.0069	-0.0031	0.0007	6.23E+06	1.007
				4868.310	6200	0	57816	0.0069	-0.0031	0.0007	6.24E+06	1.008
				4869.310	6199	0	57816	0.0069	-0.0031	0.0007	6.22E+06	1.006
				4870.310	6199	0	57847	0.0069	-0.0031	0.0007	6.19E+06	1.007
				4871.310	6199	0	57878	0.0069	-0.0031	0.0007	6.18E+06	1.008
				4872.310	6201	0	57910	0.0069	-0.0031	0.0007	6.14E+06	1.006
				4873.310	6200	0	57941	0.0070	-0.0031	0.0007	6.13E+06	1.008
				4874.310	6199	0	57972	0.0069	-0.0031	0.0007	6.13E+06	1.009
				4875.310	6200	0	58050	0.0070	-0.0031	0.0007	6.11E+06	1.011
				4876.310	6199	0	58003	0.0070	-0.0031	0.0007	6.11E+06	1.016
				4877.310	6200	0	58050	0.0070	-0.0031	0.0007	6.09E+06	1.016
				4878.310	6201	0	58050	0.0070	-0.0032	0.0007	6.10E+06	1.020
				4879.310	6200	0	58096	0.0070	-0.0032	0.0007	6.12E+06	1.025
				4880.300	6199	0	58158	0.0070	-0.0032	0.0007	6.10E+06	1.025
				4881.300	6200	0	58158	0.0070	-0.0032	0.0007	6.07E+06	1.022
				4882.300	6200	0	58236	0.0070	-0.0032	0.0007	6.06E+06	1.023
				4883.300	6199	0	58221	0.0070	-0.0032	0.0006	6.02E+06	1.020
				4884.300	6200	0	58236	0.0070	-0.0032	0.0007	6.02E+06	1.024
				4885.300	6200	0	58267	0.0070	-0.0032	0.0007	6.02E+06	1.031
				4886.300	6199	0	58283	0.0070	-0.0032	0.0006	6.00E+06	1.031
				4887.300	6201	0	58361	0.0070	-0.0032	0.0006	5.97E+06	1.031
				4888.300	6200	0	58361	0.0070	-0.0032	0.0006	5.99E+06	1.037
				4889.300	6201	0	58376	0.0070	-0.0032	0.0006	5.98E+06	1.036
				4890.300	6200	0	58423	0.0070	-0.0032	0.0006	6.01E+06	1.039
				4891.300	6200	0	58438	0.0070	-0.0032	0.0006	6.04E+06	1.044
				4892.300	6199	0	58438	0.0070	-0.0032	0.0006	6.01E+06	1.043
				4893.300	6199	0	58501	0.0070	-0.0032	0.0006	5.99E+06	1.043
				4894.300	6199	0	58532	0.0070	-0.0032	0.0006	6.00E+06	1.045
				4895.300	6199	0	58516	0.0070	-0.0032	0.0006	5.95E+06	1.044
				4896.300	6199	0	58578	0.0071	-0.0032	0.0006	5.97E+06	1.048
				4897.300	6200	0	58594	0.0071	-0.0032	0.0006	5.96E+06	1.050
				4898.300	6199	0	58609	0.0071	-0.0032	0.0006	5.95E+06	1.049
				4899.300	6201	0	58672	0.0071	-0.0032	0.0006	5.90E+06	1.041
				4900.300	6199	0	58656	0.0071	-0.0032	0.0006	5.93E+06	1.048
				4901.300	6199	0	58687	0.0071	-0.0033	0.0006	5.96E+06	1.050
				4902.300	6200	0	58718	0.0071	-0.0033	0.0006	5.97E+06	1.055
				4903.300	6200	0	58749	0.0071	-0.0033	0.0005	5.98E+06	1.054
				4904.300	6199	0	58780	0.0071	-0.0033	0.0006	5.94E+06	1.053
				4905.300	6199	0	58796	0.0071	-0.0033	0.0005	5.93E+06	1.056
				4906.300	6200	0	58827	0.0071	-0.0033	0.0005	5.97E+06	1.062
				4907.300	6200	0	58874	0.0071	-0.0033	0.0005	5.90E+06	1.056
				4908.300	6199	0	58889	0.0071	-0.0033	0.0005	5.93E+06	1.058
				4909.300	6202	0	58874	0.0071	-0.0033	0.0005	5.97E+06	1.065
				4910.290	6198	0	58936	0.0071	-0.0033	0.0005	5.94E+06	1.063

4911.290	6200	0	58936	0.0071	-0.0033	0.0005	5.92E+06	1.059
4912.290	6200	0	58967	0.0071	-0.0033	0.0005	5.90E+06	1.060
4913.290	6199	0	58998	0.0071	-0.0033	0.0005	5.86E+06	1.052
4914.290	6201	0	59060	0.0071	-0.0033	0.0005	5.90E+06	1.057
4915.290	6199	0	59076	0.0071	-0.0033	0.0005	5.87E+06	1.055
4916.290	6200	0	59091	0.0071	-0.0033	0.0005	5.85E+06	1.053
4917.290	6201	0	59123	0.0071	-0.0033	0.0005	5.82E+06	1.048
4918.290	6199	0	59107	0.0071	-0.0033	0.0005	5.80E+06	1.047
4919.290	6198	0	59169	0.0072	-0.0033	0.0005	5.77E+06	1.043
4920.290	6200	0	59169	0.0072	-0.0033	0.0005	5.81E+06	1.043
4921.290	6200	0	59262	0.0072	-0.0034	0.0005	5.82E+06	1.048
4922.290	6199	0	59231	0.0072	-0.0034	0.0005	5.80E+06	1.048
4923.290	6200	0	59309	0.0072	-0.0034	0.0005	5.79E+06	1.046
4924.290	6200	0	59309	0.0072	-0.0034	0.0005	5.79E+06	1.048
4925.290	6201	0	59325	0.0072	-0.0034	0.0004	5.75E+06	1.042
4926.290	6200	0	59356	0.0072	-0.0034	0.0004	5.77E+06	1.045
4927.290	6200	0	59387	0.0072	-0.0034	0.0004	5.78E+06	1.050
4928.290	6200	0	59418	0.0072	-0.0034	0.0004	5.77E+06	1.051
4929.290	6201	0	59434	0.0072	-0.0034	0.0004	5.81E+06	1.057
4930.290	6200	0	59465	0.0072	-0.0034	0.0004	5.81E+06	1.059
4931.290	6200	0	59496	0.0072	-0.0034	0.0004	5.80E+06	1.059
4932.290	6200	0	59511	0.0072	-0.0034	0.0004	5.83E+06	1.063
4933.290	6199	0	59542	0.0072	-0.0034	0.0004	5.83E+06	1.060
4934.290	6199	0	59573	0.0072	-0.0034	0.0004	5.83E+06	1.062
4935.290	6200	0	59573	0.0072	-0.0034	0.0004	5.83E+06	1.065
4936.290	6200	0	59651	0.0072	-0.0034	0.0004	5.86E+06	1.073
4937.290	6201	0	59636	0.0072	-0.0034	0.0004	5.84E+06	1.073
4938.290	6200	0	59682	0.0073	-0.0034	0.0004	5.83E+06	1.074
4939.290	6199	0	59713	0.0072	-0.0034	0.0004	5.83E+06	1.075
4940.290	6199	0	59729	0.0072	-0.0034	0.0004	5.83E+06	1.074
4941.290	6200	0	59745	0.0073	-0.0034	0.0004	5.88E+06	1.079
4942.280	6199	0	59791	0.0073	-0.0035	0.0004	5.92E+06	1.086
4943.280	6199	0	59807	0.0073	-0.0035	0.0004	5.92E+06	1.088
4944.280	6199	0	59838	0.0073	-0.0035	0.0004	5.93E+06	1.095
4945.280	6200	0	59900	0.0073	-0.0035	0.0003	5.96E+06	1.100
4946.280	6200	0	59900	0.0073	-0.0035	0.0003	5.92E+06	1.098
4947.280	6201	0	59931	0.0073	-0.0035	0.0003	5.98E+06	1.103
4948.280	6198	0	59962	0.0073	-0.0035	0.0003	5.96E+06	1.102
4949.280	6199	0	59993	0.0073	-0.0035	0.0003	5.95E+06	1.096
4950.280	6201	0	59993	0.0073	-0.0035	0.0003	5.94E+06	1.091
4951.280	6200	0	60040	0.0073	-0.0035	0.0003	5.94E+06	1.091
4952.280	6199	0	60071	0.0073	-0.0035	0.0003	5.94E+06	1.090
4953.280	6200	0	60102	0.0073	-0.0035	0.0003	5.96E+06	1.097
4954.280	6200	0	60149	0.0073	-0.0035	0.0003	5.98E+06	1.100
4955.280	6199	0	60149	0.0073	-0.0035	0.0003	5.95E+06	1.099
4956.280	6200	0	60195	0.0073	-0.0035	0.0003	5.99E+06	1.106
4957.280	6199	0	60227	0.0073	-0.0035	0.0003	6.05E+06	1.115
4958.280	6200	0	60258	0.0073	-0.0035	0.0003	6.01E+06	1.116
4959.280	6199	0	60258	0.0073	-0.0035	0.0003	6.02E+06	1.120
4960.280	6199	0	60304	0.0073	-0.0035	0.0002	6.03E+06	1.123
4961.280	6199	0	60320	0.0073	-0.0036	0.0002	6.02E+06	1.126
4962.280	6199	0	60367	0.0074	-0.0036	0.0002	6.03E+06	1.125
4963.280	6199	0	60398	0.0074	-0.0036	0.0002	6.03E+06	1.128
4964.280	6200	0	60413	0.0074	-0.0036	0.0002	6.01E+06	1.124
4965.280	6199	0	60444	0.0074	-0.0036	0.0002	6.03E+06	1.127
4966.280	6200	0	60522	0.0074	-0.0036	0.0002	6.05E+06	1.133
4967.280	6199	0	60491	0.0074	-0.0036	0.0002	6.05E+06	1.137
4968.280	6201	0	60522	0.0074	-0.0036	0.0002	6.03E+06	1.135
4969.280	6199	0	60569	0.0074	-0.0036	0.0002	6.01E+06	1.136
4970.280	6201	0	60615	0.0074	-0.0036	0.0002	5.98E+06	1.133
4971.280	6200	0	60631	0.0074	-0.0036	0.0002	6.01E+06	1.137
4972.280	6199	0	60693	0.0074	-0.0036	0.0002	6.03E+06	1.146
4973.270	6202	0	60693	0.0074	-0.0036	0.0002	6.03E+06	1.152
4974.270	6199	0	60755	0.0074	-0.0036	0.0002	6.05E+06	1.160
4975.270	6199	0	60771	0.0074	-0.0036	0.0002	6.06E+06	1.166
4976.270	6200	0	60786	0.0074	-0.0036	0.0002	6.02E+06	1.162
4977.270	6199	0	60833	0.0074	-0.0036	0.0001	6.00E+06	1.161
4978.270	6199	0	60849	0.0074	-0.0037	0.0001	6.00E+06	1.165
4979.270	6201	0	60864	0.0074	-0.0037	0.0001	5.99E+06	1.169
4980.270	6202	0	60911	0.0075	-0.0037	0.0001	5.99E+06	1.170
4981.270	6199	0	60957	0.0074	-0.0037	0.0001	5.97E+06	1.171
4982.270	6199	0	60989	0.0075	-0.0037	0.0001	5.93E+06	1.169
4983.270	6199	0	60989	0.0075	-0.0037	0.0001	5.92E+06	1.171
4984.270	6199	0	61020	0.0075	-0.0037	0.0001	5.89E+06	1.168
4985.270	6199	0	61051	0.0075	-0.0037	0.0001	5.89E+06	1.175
4986.270	6199	0	61097	0.0075	-0.0037	0.0001	5.88E+06	1.177

4987.270	6199	0	61144	0.0075	-0.0037	0.0001	5.88E+06	1.183
4988.270	6201	0	61144	0.0075	-0.0037	0.0001	5.86E+06	1.185
4989.270	6199	0	61206	0.0075	-0.0037	0.0001	5.82E+06	1.183
4990.270	6199	0	61222	0.0075	-0.0037	0.0001	5.76E+06	1.180
4991.270	6199	0	61253	0.0075	-0.0037	0.0000	5.75E+06	1.184
4992.270	6199	0	61284	0.0075	-0.0037	0.0000	5.78E+06	1.190
4993.270	6200	0	61315	0.0075	-0.0037	0.0000	5.75E+06	1.190
4994.270	6199	0	61331	0.0075	-0.0037	0.0000	5.71E+06	1.187
4995.270	6199	0	61393	0.0075	-0.0038	0.0000	5.72E+06	1.187
4996.270	6199	0	61393	0.0075	-0.0038	0.0000	5.74E+06	1.187
4997.270	6199	0	61393	0.0075	-0.0038	0.0000	5.73E+06	1.184
4998.270	6199	0	61440	0.0075	-0.0038	0.0000	5.74E+06	1.179
4999.270	6199	0	61455	0.0075	-0.0038	0.0000	5.73E+06	1.171
5000.270	6200	0	61471	0.0075	-0.0038	0.0000	5.72E+06	1.163
5001.270	6200	0	61533	0.0075	-0.0038	0.0000	5.72E+06	1.159
5002.270	6199	0	61564	0.0076	-0.0038	0.0000	5.72E+06	1.153
5003.270	6200	0	61579	0.0076	-0.0038	0.0000	5.73E+06	1.151
5004.270	6200	0	61595	0.0076	-0.0038	0.0000	5.73E+06	1.145
5005.260	6199	0	61657	0.0076	-0.0038	0.0000	5.73E+06	1.144
5006.260	6199	0	61657	0.0076	-0.0038	-0.0001	5.70E+06	1.137
5007.260	6200	0	61673	0.0076	-0.0038	-0.0001	5.73E+06	1.136
5008.260	6201	0	61719	0.0076	-0.0038	-0.0001	5.76E+06	1.136
5009.260	6199	0	61751	0.0076	-0.0038	-0.0001	5.76E+06	1.138
5010.260	6200	0	61766	0.0076	-0.0038	-0.0001	5.78E+06	1.141
5011.260	6200	0	61813	0.0076	-0.0038	-0.0001	5.78E+06	1.140
5012.260	6201	0	61844	0.0076	-0.0039	-0.0001	5.78E+06	1.139
5013.260	6199	0	61859	0.0076	-0.0039	-0.0001	5.76E+06	1.137
5014.260	6199	0	61875	0.0076	-0.0039	-0.0001	5.76E+06	1.138
5015.260	6199	0	61859	0.0076	-0.0039	-0.0001	5.75E+06	1.138
5016.260	6202	0	61937	0.0076	-0.0039	-0.0001	5.74E+06	1.139
5017.260	6199	0	61984	0.0076	-0.0039	-0.0001	5.76E+06	1.145
5018.260	6199	0	62015	0.0076	-0.0039	-0.0001	5.77E+06	1.152
5019.260	6199	0	62062	0.0076	-0.0039	-0.0002	5.75E+06	1.153
5020.260	6199	0	62139	0.0077	-0.0039	-0.0002	5.73E+06	1.155
5021.260	6200	0	62202	0.0077	-0.0039	-0.0002	5.71E+06	1.157
5022.260	6201	0	62233	0.0077	-0.0039	-0.0002	5.71E+06	1.160
5023.260	6202	0	62279	0.0077	-0.0039	-0.0002	5.70E+06	1.169
5024.260	6200	0	62341	0.0077	-0.0039	-0.0002	5.70E+06	1.176
5025.260	6200	0	62373	0.0077	-0.0040	-0.0002	5.67E+06	1.183
5026.260	6199	0	62404	0.0077	-0.0040	-0.0002	5.64E+06	1.189
5027.260	6201	0	62450	0.0077	-0.0040	-0.0002	5.62E+06	1.195
5028.260	6199	0	62497	0.0077	-0.0040	-0.0002	5.58E+06	1.197
5029.260	6199	0	62559	0.0077	-0.0040	-0.0002	5.57E+06	1.204
5030.260	6199	0	62559	0.0077	-0.0040	-0.0002	5.54E+06	1.207
5031.260	6200	0	62590	0.0077	-0.0040	-0.0003	5.52E+06	1.213
5032.260	6201	0	62684	0.0077	-0.0040	-0.0003	5.48E+06	1.218
5033.260	6199	0	62715	0.0078	-0.0040	-0.0003	5.45E+06	1.225
5034.260	6202	0	62730	0.0078	-0.0040	-0.0003	5.43E+06	1.229
5035.250	6199	0	62746	0.0078	-0.0040	-0.0003	5.38E+06	1.233
5036.250	6201	0	62824	0.0078	-0.0040	-0.0003	5.35E+06	1.240
5037.250	6201	0	62839	0.0078	-0.0040	-0.0003	5.32E+06	1.246
5038.250	6200	0	62824	0.0078	-0.0041	-0.0003	5.31E+06	1.259
5039.250	6201	0	62886	0.0078	-0.0041	-0.0003	5.28E+06	1.271
5040.250	6200	0	62901	0.0078	-0.0041	-0.0003	5.23E+06	1.277
5041.250	6200	0	62932	0.0078	-0.0041	-0.0004	5.17E+06	1.288
5042.250	6201	0	62963	0.0078	-0.0041	-0.0004	5.13E+06	1.303
5043.250	6199	0	62979	0.0078	-0.0041	-0.0004	5.10E+06	1.316
5044.250	6200	0	62995	0.0078	-0.0041	-0.0004	5.02E+06	1.318
5045.250	6200	0	63041	0.0078	-0.0041	-0.0004	4.96E+06	1.328
5046.250	6200	0	63057	0.0078	-0.0041	-0.0004	4.92E+06	1.336
5047.250	6199	0	63103	0.0078	-0.0041	-0.0004	4.91E+06	1.346
5048.250	6197	0	63103	0.0078	-0.0041	-0.0004	4.87E+06	1.354
5049.250	6199	0	63135	0.0078	-0.0041	-0.0004	4.82E+06	1.354
5050.250	6199	0	63135	0.0078	-0.0041	-0.0004	4.76E+06	1.353
5051.250	6200	0	63135	0.0079	-0.0042	-0.0005	4.71E+06	1.352
5052.250	6199	0	63181	0.0079	-0.0042	-0.0005	4.68E+06	1.356
5053.250	6199	0	63228	0.0079	-0.0042	-0.0005	4.66E+06	1.359
5054.250	6200	0	63274	0.0079	-0.0042	-0.0005	4.65E+06	1.366
5055.250	6202	0	63259	0.0079	-0.0042	-0.0005	4.61E+06	1.362
5056.250	6199	0	63290	0.0079	-0.0042	-0.0005	4.58E+06	1.364
5057.250	6201	0	63290	0.0079	-0.0042	-0.0005	4.53E+06	1.361
5058.250	6201	0	63321	0.0079	-0.0042	-0.0005	4.53E+06	1.360
5059.250	6199	0	63383	0.0079	-0.0042	-0.0005	4.53E+06	1.358
5060.250	6200	0	63368	0.0079	-0.0042	-0.0005	4.52E+06	1.359
5061.250	6200	0	63399	0.0079	-0.0042	-0.0005	4.50E+06	1.360
5062.250	6199	0	63430	0.0079	-0.0042	-0.0005	4.51E+06	1.358

					5063.250	6199	0	63430	0.0079	-0.0042	-0.0006	4.52E+06	1.357
					5064.250	6199	0	63430	0.0079	-0.0042	-0.0006	4.52E+06	1.354
					5065.250	6199	0	63492	0.0079	-0.0042	-0.0006	4.52E+06	1.351
					5066.250	6200	0	63492	0.0079	-0.0042	-0.0006	4.52E+06	1.350
					5067.240	6199	0	63492	0.0079	-0.0043	-0.0006	4.52E+06	1.348
					5068.240	6198	0	63539	0.0079	-0.0043	-0.0006	4.55E+06	1.358
					5069.240	6200	0	63539	0.0079	-0.0043	-0.0006	4.57E+06	1.364
					5070.240	6199	0	63570	0.0079	-0.0043	-0.0006	4.55E+06	1.361
					5071.240	6199	0	63585	0.0079	-0.0043	-0.0006	4.57E+06	1.360
					5072.240	6199	0	63632	0.0079	-0.0043	-0.0006	4.57E+06	1.360
					5073.240	6198	0	63617	0.0080	-0.0043	-0.0006	4.57E+06	1.352
					5074.240	6200	0	63663	0.0080	-0.0043	-0.0006	4.58E+06	1.357
					5075.240	6200	0	63648	0.0080	-0.0043	-0.0006	4.60E+06	1.360
					5076.240	6201	0	63694	0.0080	-0.0043	-0.0006	4.61E+06	1.358
					5077.240	6200	0	63725	0.0080	-0.0043	-0.0007	4.58E+06	1.355
					5078.240	6201	0	63757	0.0080	-0.0043	-0.0007	4.59E+06	1.352
					5079.240	6200	0	63757	0.0080	-0.0043	-0.0007	4.58E+06	1.346
					5080.240	6199	0	63757	0.0080	-0.0043	-0.0007	4.59E+06	1.343
					5081.240	6199	0	63788	0.0080	-0.0043	-0.0007	4.60E+06	1.343
					5082.240	6200	0	63819	0.0080	-0.0043	-0.0007	4.62E+06	1.347
					5083.240	6200	0	63850	0.0080	-0.0044	-0.0007	4.62E+06	1.347
					5084.240	6199	0	63850	0.0080	-0.0044	-0.0007	4.62E+06	1.349
					5085.240	6199	0	63865	0.0080	-0.0044	-0.0007	4.65E+06	1.349
					5086.240	6199	0	63865	0.0080	-0.0044	-0.0007	4.65E+06	1.347
					5087.240	6200	0	63912	0.0080	-0.0044	-0.0007	4.66E+06	1.343
					5088.240	6199	0	63943	0.0080	-0.0044	-0.0007	4.68E+06	1.342
					5089.240	6200	0	63990	0.0080	-0.0044	-0.0007	4.72E+06	1.351
					5090.240	6201	0	63990	0.0080	-0.0044	-0.0008	4.71E+06	1.351
					5091.240	6199	0	63990	0.0080	-0.0044	-0.0008	4.75E+06	1.350
					5092.240	6199	0	64021	0.0080	-0.0044	-0.0008	4.80E+06	1.361
					5093.240	6200	0	64021	0.0080	-0.0044	-0.0008	4.82E+06	1.369
					5094.240	6200	0	64052	0.0080	-0.0044	-0.0008	4.87E+06	1.374
					5095.240	6200	0	64068	0.0081	-0.0044	-0.0008	4.85E+06	1.370
					5096.240	6200	0	64114	0.0081	-0.0044	-0.0008	4.89E+06	1.378
					5097.240	6199	0	64114	0.0081	-0.0044	-0.0008	4.91E+06	1.379
					5098.230	6199	0	64145	0.0081	-0.0044	-0.0008	4.97E+06	1.389
					5099.230	6201	0	64145	0.0081	-0.0044	-0.0008	4.96E+06	1.388
					5100.230	6199	0	64176	0.0081	-0.0045	-0.0008	5.00E+06	1.390
					5101.230	6199	0	64223	0.0081	-0.0045	-0.0008	4.96E+06	1.381
					5102.230	6199	0	64223	0.0081	-0.0045	-0.0008	4.96E+06	1.379
					5103.230	6200	0	64270	0.0081	-0.0045	-0.0009	4.99E+06	1.382
					5104.230	6200	0	64270	0.0081	-0.0045	-0.0009	5.02E+06	1.381
					5105.230	6201	0	64285	0.0081	-0.0045	-0.0009	5.04E+06	1.384
					5106.230	6199	0	64316	0.0081	-0.0045	-0.0009	5.03E+06	1.383
					5107.230	6199	0	64332	0.0081	-0.0045	-0.0009	5.03E+06	1.386
					5108.230	6198	0	64347	0.0081	-0.0045	-0.0009	5.03E+06	1.385
					5109.230	6199	0	64347	0.0081	-0.0045	-0.0009	5.04E+06	1.382
					5110.230	6199	0	64394	0.0081	-0.0045	-0.0009	5.05E+06	1.381
					5111.230	6201	0	64410	0.0081	-0.0045	-0.0009	5.06E+06	1.384
					5112.230	6201	0	64456	0.0081	-0.0045	-0.0009	5.05E+06	1.382
					5113.230	6200	0	64472	0.0081	-0.0045	-0.0009	5.05E+06	1.384
					5114.230	6200	0	64487	0.0081	-0.0045	-0.0009	5.06E+06	1.383
					5115.230	6198	0	64487	0.0081	-0.0045	-0.0009	5.08E+06	1.380
					5116.230	6201	0	64550	0.0081	-0.0045	-0.0009	5.09E+06	1.379
					5117.230	6199	0	64550	0.0081	-0.0046	-0.0010	5.09E+06	1.378
					5118.230	6199	0	64565	0.0081	-0.0046	-0.0010	5.13E+06	1.382
					5119.230	6199	0	64612	0.0081	-0.0046	-0.0010	5.15E+06	1.391
					5120.230	6199	0	64596	0.0082	-0.0046	-0.0010	5.15E+06	1.385
					5121.230	6199	0	64658	0.0082	-0.0046	-0.0010	5.14E+06	1.381
					5122.230	6201	0	64674	0.0082	-0.0046	-0.0010	5.14E+06	1.374
					5123.230	6200	0	64690	0.0082	-0.0046	-0.0010	5.13E+06	1.373
					5124.230	6199	0	64705	0.0082	-0.0046	-0.0010	5.11E+06	1.362
					5125.230	6200	0	64752	0.0082	-0.0046	-0.0010	5.11E+06	1.361
					5126.230	6200	0	64736	0.0082	-0.0046	-0.0010	5.12E+06	1.368
					5127.230	6199	0	64783	0.0082	-0.0046	-0.0010	5.13E+06	1.366
					5128.230	6201	0	64814	0.0082	-0.0046	-0.0011	5.10E+06	1.360
					5129.230	6201	0	64845	0.0082	-0.0046	-0.0011	5.10E+06	1.356
					5130.220	6200	0	64830	0.0082	-0.0046	-0.0011	5.09E+06	1.350
					5131.220	6200	0	64861	0.0082	-0.0046	-0.0011	5.06E+06	1.344
					5132.220	6199	0	64876	0.0082	-0.0046	-0.0011	5.04E+06	1.342
					5133.220	6199	0	64907	0.0082	-0.0046	-0.0011	5.01E+06	1.337
					5134.220	6199	0	64954	0.0082	-0.0047	-0.0011	5.00E+06	1.335
					5135.220	6199	0	64954	0.0082	-0.0047	-0.0011	4.98E+06	1.335
					5136.220	6200	0	64985	0.0082	-0.0047	-0.0011	4.96E+06	1.328
					5137.220	6199	0	65001	0.0082	-0.0047	-0.0011	4.97E+06	1.333
					5138.220	6199	0	65016	0.0082	-0.0047	-0.0011	4.94E+06	1.324

5139.220	6199	0	65047	0.0082	-0.0047	-0.0011	4.92E+06	1.321
5140.220	6201	0	65094	0.0082	-0.0047	-0.0011	4.90E+06	1.318
5141.220	6199	0	65109	0.0083	-0.0047	-0.0011	4.89E+06	1.318
5142.220	6199	0	65125	0.0083	-0.0047	-0.0012	4.89E+06	1.318
5143.220	6199	0	65172	0.0083	-0.0047	-0.0012	4.87E+06	1.321
5144.220	6200	0	65172	0.0083	-0.0047	-0.0012	4.87E+06	1.323
5145.220	6199	0	65249	0.0083	-0.0047	-0.0012	4.90E+06	1.327
5146.220	6199	0	65234	0.0083	-0.0047	-0.0012	4.88E+06	1.329
5147.220	6199	0	65265	0.0083	-0.0047	-0.0012	4.91E+06	1.335
5148.220	6199	0	65280	0.0083	-0.0047	-0.0012	4.90E+06	1.336
5149.220	6201	0	65327	0.0083	-0.0047	-0.0012	4.89E+06	1.342
5150.220	6199	0	65343	0.0083	-0.0048	-0.0012	4.89E+06	1.348
5151.220	6199	0	65327	0.0083	-0.0048	-0.0012	4.90E+06	1.351
5152.220	6201	0	65374	0.0083	-0.0048	-0.0012	4.86E+06	1.348
5153.220	6199	0	65389	0.0083	-0.0048	-0.0012	4.85E+06	1.352
5154.220	6199	0	65420	0.0083	-0.0048	-0.0012	4.85E+06	1.359
5155.220	6200	0	65467	0.0083	-0.0048	-0.0013	4.85E+06	1.363
5156.220	6200	0	65467	0.0083	-0.0048	-0.0013	4.85E+06	1.369
5157.220	6199	0	65483	0.0083	-0.0048	-0.0013	4.83E+06	1.369
5158.220	6199	0	65483	0.0083	-0.0048	-0.0013	4.80E+06	1.372
5159.220	6199	0	65545	0.0083	-0.0048	-0.0013	4.78E+06	1.374
5160.210	6200	0	65576	0.0083	-0.0048	-0.0013	4.75E+06	1.374
5161.210	6200	0	65607	0.0084	-0.0048	-0.0013	4.74E+06	1.379
5162.210	6199	0	65623	0.0083	-0.0048	-0.0013	4.74E+06	1.381
5163.210	6199	0	65638	0.0084	-0.0048	-0.0013	4.73E+06	1.385
5164.210	6201	0	65654	0.0084	-0.0049	-0.0013	4.71E+06	1.391
5165.210	6200	0	65700	0.0084	-0.0049	-0.0013	4.69E+06	1.395
5166.210	6199	0	65716	0.0084	-0.0049	-0.0014	4.69E+06	1.403
5167.210	6199	0	65731	0.0084	-0.0049	-0.0014	4.66E+06	1.402
5168.210	6199	0	65731	0.0084	-0.0049	-0.0014	4.63E+06	1.404
5169.210	6199	0	65794	0.0084	-0.0049	-0.0014	4.64E+06	1.415
5170.210	6201	0	65825	0.0084	-0.0049	-0.0014	4.65E+06	1.426
5171.210	6200	0	65825	0.0084	-0.0049	-0.0014	4.65E+06	1.428
5172.210	6199	0	65871	0.0084	-0.0049	-0.0014	4.64E+06	1.436
5173.210	6200	0	65871	0.0084	-0.0049	-0.0014	4.62E+06	1.436
5174.210	6199	0	65856	0.0084	-0.0049	-0.0014	4.61E+06	1.438
5175.210	6199	0	65918	0.0084	-0.0049	-0.0015	4.59E+06	1.438
5176.210	6199	0	65949	0.0084	-0.0049	-0.0014	4.57E+06	1.434
5177.210	6201	0	65949	0.0084	-0.0049	-0.0015	4.57E+06	1.446
5178.210	6200	0	65980	0.0084	-0.0050	-0.0015	4.56E+06	1.453
5179.210	6199	0	66011	0.0084	-0.0050	-0.0015	4.53E+06	1.450
5180.210	6199	0	66011	0.0084	-0.0050	-0.0015	4.52E+06	1.453
5181.210	6200	0	66074	0.0084	-0.0050	-0.0015	4.51E+06	1.455
5182.210	6199	0	66074	0.0085	-0.0050	-0.0015	4.47E+06	1.453
5183.210	6199	0	66074	0.0085	-0.0050	-0.0015	4.46E+06	1.459
5184.210	6201	0	66136	0.0085	-0.0050	-0.0015	4.42E+06	1.458
5185.210	6199	0	66136	0.0085	-0.0050	-0.0015	4.41E+06	1.461
5186.210	6199	0	66151	0.0085	-0.0050	-0.0015	4.42E+06	1.472
5187.210	6199	0	66214	0.0085	-0.0050	-0.0015	4.41E+06	1.468
5188.210	6200	0	66214	0.0085	-0.0050	-0.0016	4.42E+06	1.471
5189.210	6199	0	66229	0.0085	-0.0050	-0.0016	4.40E+06	1.470
5190.210	6200	0	66245	0.0085	-0.0050	-0.0016	4.39E+06	1.468
5191.210	6202	0	66260	0.0085	-0.0050	-0.0016	4.36E+06	1.466
5192.200	6198	0	66291	0.0085	-0.0051	-0.0016	4.35E+06	1.469
5193.200	6199	0	66291	0.0085	-0.0051	-0.0016	4.33E+06	1.470
5194.200	6199	0	66322	0.0085	-0.0051	-0.0016	4.32E+06	1.473
5195.200	6200	0	66369	0.0085	-0.0051	-0.0016	4.32E+06	1.474
5196.200	6199	0	66369	0.0085	-0.0051	-0.0016	4.35E+06	1.481
5197.200	6200	0	66369	0.0085	-0.0051	-0.0016	4.34E+06	1.480
5198.200	6199	0	66400	0.0085	-0.0051	-0.0017	4.35E+06	1.480
5199.200	6198	0	66447	0.0085	-0.0051	-0.0017	4.35E+06	1.481
5200.200	6200	0	66447	0.0085	-0.0051	-0.0017	4.32E+06	1.479
5201.200	6200	0	66493	0.0086	-0.0051	-0.0017	4.33E+06	1.486
5202.200	6202	0	66493	0.0085	-0.0051	-0.0017	4.33E+06	1.488
5203.200	6200	0	66493	0.0086	-0.0051	-0.0017	4.32E+06	1.490
5204.200	6199	0	66540	0.0086	-0.0051	-0.0017	4.32E+06	1.492
5205.200	6199	0	66556	0.0086	-0.0051	-0.0017	4.35E+06	1.496
5206.200	6201	0	66571	0.0086	-0.0052	-0.0017	4.36E+06	1.501
5207.200	6200	0	66587	0.0086	-0.0052	-0.0017	4.42E+06	1.509
5208.200	6200	0	66602	0.0086	-0.0052	-0.0018	4.45E+06	1.505
5209.200	6199	0	66633	0.0086	-0.0052	-0.0018	4.46E+06	1.503
5210.200	6199	0	66664	0.0086	-0.0052	-0.0018	4.49E+06	1.495
5211.200	6199	0	66680	0.0086	-0.0052	-0.0018	4.52E+06	1.489
5212.200	6200	0	66727	0.0086	-0.0052	-0.0018	4.55E+06	1.484
5213.200	6200	0	66758	0.0086	-0.0052	-0.0018	4.60E+06	1.475
5214.200	6200	0	66758	0.0086	-0.0052	-0.0018	4.64E+06	1.469

				5215.200	6200	0	66789	0.0086	-0.0052	-0.0018	4.67E+06	1.469
				5216.200	6199	0	66773	0.0086	-0.0052	-0.0018	4.71E+06	1.469
				5217.200	6199	0	66804	0.0086	-0.0052	-0.0018	4.75E+06	1.470
				5218.200	6200	0	66836	0.0086	-0.0052	-0.0019	4.76E+06	1.458
				5219.200	6199	0	66867	0.0086	-0.0052	-0.0019	4.77E+06	1.453
				5220.200	6199	0	66867	0.0086	-0.0053	-0.0019	4.80E+06	1.456
				5221.200	6199	0	66898	0.0086	-0.0053	-0.0019	4.85E+06	1.460
				5222.200	6200	0	66944	0.0087	-0.0053	-0.0019	4.87E+06	1.464
				5223.190	6199	0	66944	0.0087	-0.0053	-0.0019	4.89E+06	1.468
				5224.190	6199	0	66991	0.0087	-0.0053	-0.0019	4.88E+06	1.466
				5225.190	6199	0	66975	0.0087	-0.0053	-0.0019	4.88E+06	1.467
				5226.190	6200	0	67022	0.0087	-0.0053	-0.0019	4.87E+06	1.467
				5227.190	6202	0	67022	0.0087	-0.0053	-0.0019	4.88E+06	1.471
				5228.190	6199	0	67053	0.0087	-0.0053	-0.0020	4.87E+06	1.473
				5229.190	6199	0	67084	0.0087	-0.0053	-0.0020	4.85E+06	1.476
				5230.190	6199	0	67147	0.0087	-0.0053	-0.0020	4.85E+06	1.478
				5231.190	6201	0	67162	0.0087	-0.0053	-0.0020	4.84E+06	1.486
				5232.190	6199	0	67224	0.0087	-0.0054	-0.0020	4.82E+06	1.488
				5233.190	6199	0	67271	0.0087	-0.0054	-0.0020	4.78E+06	1.490
				5234.190	6199	0	67302	0.0087	-0.0054	-0.0020	4.78E+06	1.500
				5235.190	6199	0	67364	0.0087	-0.0054	-0.0020	4.76E+06	1.509
				5236.190	6200	0	67411	0.0087	-0.0054	-0.0021	4.74E+06	1.516
				5237.190	6200	0	67442	0.0087	-0.0054	-0.0021	4.74E+06	1.532
				5238.190	6200	0	67504	0.0088	-0.0054	-0.0021	4.72E+06	1.542
				5239.190	6200	0	67535	0.0088	-0.0054	-0.0021	4.70E+06	1.548
				5240.190	6199	0	67535	0.0088	-0.0054	-0.0021	4.67E+06	1.556
				5241.190	6200	0	67582	0.0088	-0.0055	-0.0021	4.63E+06	1.563
				5242.190	6200	0	67629	0.0088	-0.0055	-0.0021	4.60E+06	1.572
				5243.190	6200	0	67675	0.0088	-0.0055	-0.0022	4.55E+06	1.581
				5244.190	6199	0	67691	0.0088	-0.0055	-0.0022	4.50E+06	1.591
				5245.190	6200	0	67722	0.0088	-0.0055	-0.0022	4.45E+06	1.598
				5246.190	6199	0	67753	0.0088	-0.0055	-0.0022	4.38E+06	1.605
				5247.190	6199	0	67769	0.0088	-0.0055	-0.0022	4.34E+06	1.617
				5248.190	6201	0	67800	0.0088	-0.0055	-0.0022	4.30E+06	1.625
				5249.190	6200	0	67846	0.0088	-0.0055	-0.0023	4.26E+06	1.637
				5250.190	6200	0	67846	0.0088	-0.0056	-0.0023	4.20E+06	1.647
				5251.190	6199	0	67862	0.0088	-0.0056	-0.0023	4.14E+06	1.658
				5252.190	6200	0	67909	0.0088	-0.0056	-0.0023	4.07E+06	1.670
				5253.190	6199	0	67924	0.0089	-0.0056	-0.0023	4.01E+06	1.686
				5254.190	6199	0	67940	0.0089	-0.0056	-0.0023	3.93E+06	1.699
				5255.180	6201	0	67971	0.0089	-0.0056	-0.0023	3.85E+06	1.716
				5256.180	6200	0	67986	0.0089	-0.0056	-0.0024	3.78E+06	1.730
				5257.180	6200	0	68033	0.0089	-0.0056	-0.0024	3.71E+06	1.747
				5258.180	6199	0	68017	0.0089	-0.0056	-0.0024	3.65E+06	1.768
				5259.180	6200	0	68048	0.0089	-0.0056	-0.0024	3.58E+06	1.781
				5260.180	6199	0	68064	0.0089	-0.0057	-0.0024	3.52E+06	1.799
				5261.180	6199	0	68080	0.0089	-0.0057	-0.0024	3.45E+06	1.808
				5262.180	6199	0	68080	0.0089	-0.0057	-0.0025	3.39E+06	1.821
				5263.180	6201	0	68111	0.0089	-0.0057	-0.0025	3.34E+06	1.831
				5264.180	6200	0	68142	0.0089	-0.0057	-0.0025	3.29E+06	1.840
				5265.180	6199	0	68142	0.0089	-0.0057	-0.0025	3.24E+06	1.845
				5266.180	6200	0	68157	0.0089	-0.0057	-0.0025	3.19E+06	1.859
				5267.180	6199	0	68188	0.0089	-0.0057	-0.0025	3.15E+06	1.872
				5268.180	6200	0	68188	0.0089	-0.0057	-0.0025	3.12E+06	1.887
				5269.180	6199	0	68173	0.0089	-0.0058	-0.0026	3.07E+06	1.896
				5270.180	6199	0	68220	0.0090	-0.0058	-0.0026	3.04E+06	1.904
				5271.180	6200	0	68220	0.0090	-0.0058	-0.0026	3.01E+06	1.912
				5272.180	6201	0	68266	0.0090	-0.0058	-0.0026	2.98E+06	1.920
				5273.180	6199	0	68297	0.0090	-0.0058	-0.0026	2.92E+06	1.928
				5274.180	6199	0	68313	0.0090	-0.0058	-0.0026	2.89E+06	1.937
				5275.180	6200	0	68282	0.0090	-0.0058	-0.0026	2.84E+06	1.942
				5276.180	6200	0	68313	0.0090	-0.0058	-0.0027	2.80E+06	1.947
				5277.180	6200	0	68313	0.0090	-0.0058	-0.0027	2.76E+06	1.951
				5278.180	6203	0	68359	0.0090	-0.0058	-0.0027	2.73E+06	1.968
				5279.180	6199	0	68328	0.0090	-0.0058	-0.0027	2.64E+06	1.954
				5280.180	6200	0	68359	0.0090	-0.0059	-0.0027	2.59E+06	1.962
				5281.180	6200	0	68359	0.0090	-0.0059	-0.0027	2.54E+06	1.968
				5282.180	6199	0	68406	0.0090	-0.0059	-0.0027	2.48E+06	1.977
				5283.180	6199	0	68391	0.0090	-0.0059	-0.0028	2.42E+06	1.977
				5284.180	6201	0	68406	0.0090	-0.0059	-0.0028	2.34E+06	1.977
				5285.170	6199	0	68422	0.0090	-0.0059	-0.0028	2.24E+06	1.969
				5286.170	6199	0	68422	0.0090	-0.0059	-0.0028	2.15E+06	1.980
				5287.170	6200	0	68437	0.0090	-0.0059	-0.0028	2.08E+06	1.995
				5288.170	6199	0	68484	0.0090	-0.0059	-0.0028	1.98E+06	2.011
				5289.170	6199	0	68453	0.0090	-0.0059	-0.0028	1.87E+06	2.029
				5290.170	6199	0	68484	0.0090	-0.0059	-0.0028	1.77E+06	2.050

				5291.170	6200	0	68484	0.0091	-0.0060	-0.0029	1.62E+06	2.051
				5292.170	6199	0	68515	0.0091	-0.0060	-0.0029	1.47E+06	2.069
				5293.170	6200	0	68515	0.0091	-0.0060	-0.0029	1.31E+06	2.090
				5294.170	6199	0	68499	0.0091	-0.0060	-0.0029	-4.13E+06	1.652
				5295.170	6201	0	68546	0.0091	-0.0060	-0.0029	-7.27E+06	1.809
				5296.170	6199	0	68562	0.0091	-0.0060	-0.0029	-8.99E+06	1.897
				5297.170	6200	0	68562	0.0091	-0.0060	-0.0030	-1.03E+07	1.963
				5298.170	6199	0	68531	0.0091	-0.0060	-0.0030	-1.15E+07	2.022
				5299.170	6200	0	68577	0.0091	-0.0060	-0.0030	-1.26E+07	2.077
				5300.170	6200	0	68546	0.0091	-0.0060	-0.0030	-1.37E+07	2.130
				5301.170	6201	0	68593	0.0091	-0.0061	-0.0030	-1.47E+07	2.179
				5302.170	6199	0	68593	0.0091	-0.0061	-0.0030	-1.55E+07	2.226
				5303.170	6200	0	68593	0.0091	-0.0061	-0.0030	-1.65E+07	2.272
				5304.170	6199	0	68577	0.0091	-0.0061	-0.0030	-1.73E+07	2.313
				5305.170	6199	0	68593	0.0091	-0.0061	-0.0031	-1.80E+07	2.350
				5306.170	6199	0	68593	0.0091	-0.0061	-0.0031	-1.86E+07	2.385
				5307.170	6200	0	68593	0.0091	-0.0061	-0.0031	-1.92E+07	2.415
				5308.170	6201	0	68593	0.0091	-0.0061	-0.0031	-1.98E+07	2.442
				5309.170	6200	0	68577	0.0091	-0.0062	-0.0032	-2.04E+07	2.469
				5310.170	6200	0	68577	0.0092	-0.0062	-0.0032	-2.08E+07	2.490
				5311.170	6200	0	68562	0.0092	-0.0062	-0.0032	-2.12E+07	2.507
				5312.170	6200	0	68577	0.0092	-0.0062	-0.0032	-2.15E+07	2.520
				5313.170	6201	0	68546	0.0092	-0.0062	-0.0033	-2.18E+07	2.530
				5314.170	6199	0	68515	0.0092	-0.0062	-0.0033	-2.20E+07	2.537
				5315.170	6199	0	68531	0.0092	-0.0062	-0.0033	-2.22E+07	2.539
				5316.170	6200	0	68499	0.0092	-0.0063	-0.0033	-2.23E+07	2.537
				5317.160	6200	0	68453	0.0092	-0.0063	-0.0034	-2.23E+07	2.531
				5318.160	6200	0	68422	0.0092	-0.0063	-0.0034	-2.23E+07	2.520
				5319.160	6199	0	62979	0.0100	-0.0074	-0.0049	-2.22E+07	2.506
				5320.160	6200	0	55313	0.0094	-0.0072	-0.0050	-2.20E+07	2.489
				5321.160	6198	0	53633	0.0093	-0.0071	-0.0049	-2.17E+07	2.466
				5322.160	6200	0	53291	0.0092	-0.0071	-0.0049	-2.14E+07	2.438
				5323.160	6199	0	53369	0.0092	-0.0071	-0.0049	-2.10E+07	2.405
				5324.160	6200	0	53649	0.0092	-0.0071	-0.0049	-2.05E+07	2.367
				5325.160	6199	0	53991	0.0092	-0.0071	-0.0049	-1.99E+07	2.324
				5326.160	6200	0	54333	0.0092	-0.0071	-0.0049	-1.92E+07	2.276
				5327.160	6199	0	54628	0.0092	-0.0071	-0.0049	-1.85E+07	2.221
				5328.160	6200	0	54908	0.0092	-0.0071	-0.0049	-1.76E+07	2.162
				5329.160	6199	0	55173	0.0092	-0.0071	-0.0049	-1.66E+07	2.097
				5330.160	6199	0	55359	0.0092	-0.0071	-0.0049	-1.56E+07	2.029
				5331.160	6199	0	55515	0.0093	-0.0071	-0.0049	-1.43E+07	1.951
				5332.160	6199	0	55639	0.0093	-0.0071	-0.0049	-1.30E+07	1.867
				5333.160	6200	0	55748	0.0093	-0.0071	-0.0049	-1.16E+07	1.778
				5334.160	6200	0	55857	0.0093	-0.0071	-0.0049	-1.01E+07	1.681
				5335.160	6199	0	55904	0.0093	-0.0071	-0.0049	-8.44E+06	1.581
				5336.160	6199	0	55950	0.0093	-0.0071	-0.0049	-6.85E+06	1.481
				5337.160	6200	0	56012	0.0093	-0.0071	-0.0049	-4.97E+06	1.369
				5338.160	6200	0	56090	0.0093	-0.0071	-0.0049	-2.85E+06	1.245
				5339.160	6200	0	56106	0.0093	-0.0071	-0.0049	-6.75E+05	1.118
				5340.160	6199	0	56137	0.0093	-0.0071	-0.0049	1.63E+06	0.987
				5341.160	6199	0	56230	0.0093	-0.0071	-0.0049	4.06E+06	0.849
				5342.160	6199	0	56230	0.0093	-0.0071	-0.0049	6.31E+06	0.721
				5343.160	6199	0	56292	0.0093	-0.0071	-0.0049	8.88E+06	0.581
				5344.160	6202	0	56355	0.0093	-0.0071	-0.0049	1.14E+07	0.444
				5345.160	6199	0	56401	0.0093	-0.0071	-0.0049	1.43E+07	0.391
				5346.160	6199	0	56401	0.0093	-0.0071	-0.0049	1.49E+07	0.375
				5347.160	6199	0	56448	0.0093	-0.0071	-0.0049	1.43E+07	0.384
				5348.150	6198	0	56479	0.0093	-0.0071	-0.0049	1.35E+07	0.389
				5349.150	6199	0	56541	0.0093	-0.0071	-0.0049	1.27E+07	0.396
				5350.150	6201	0	56557	0.0093	-0.0071	-0.0049	1.19E+07	0.402
				5351.150	6199	0	56634	0.0094	-0.0071	-0.0049	1.12E+07	0.408
				5352.150	6200	0	56697	0.0094	-0.0071	-0.0049	1.07E+07	0.415
				5353.150	6200	0	56697	0.0094	-0.0071	-0.0049	1.03E+07	0.422
				5354.150	6199	0	56759	0.0094	-0.0071	-0.0049	9.99E+06	0.423
				5355.150	6199	0	56837	0.0094	-0.0071	-0.0049	9.76E+06	0.426
				5356.150	6201	0	56868	0.0094	-0.0071	-0.0049	9.61E+06	0.429
				5357.150	6199	0	56899	0.0094	-0.0071	-0.0049	9.49E+06	0.434
				5358.150	6201	0	56930	0.0094	-0.0071	-0.0049	9.43E+06	0.439
				5359.150	6200	0	56992	0.0094	-0.0071	-0.0049	9.40E+06	0.442
				5360.150	6200	0	57008	0.0094	-0.0071	-0.0049	9.28E+06	0.442
				5361.150	6200	0	57039	0.0094	-0.0071	-0.0049	9.22E+06	0.442
				5362.150	6200	0	57117	0.0094	-0.0071	-0.0049	9.18E+06	0.444
				5363.150	6201	0	57163	0.0094	-0.0071	-0.0049	9.16E+06	0.448
				5364.150	6199	0	57163	0.0094	-0.0071	-0.0049	9.14E+06	0.452
				5365.150	6200	0	57241	0.0094	-0.0071	-0.0049	9.10E+06	0.456
				5366.150	6201	0	57288	0.0094	-0.0071	-0.0049	9.05E+06	0.457

					5367.150	6199	0	57319	0.0094	-0.0071	-0.0049	9.04E+06	0.460
					5368.150	6199	0	57381	0.0094	-0.0072	-0.0049	9.01E+06	0.464
					5369.150	6200	0	57381	0.0094	-0.0072	-0.0049	8.98E+06	0.466
					5370.150	6200	0	57474	0.0094	-0.0072	-0.0049	8.95E+06	0.467
					5371.150	6199	0	57474	0.0094	-0.0072	-0.0049	8.95E+06	0.472
					5372.150	6199	0	57521	0.0094	-0.0072	-0.0049	8.88E+06	0.474
					5373.150	6200	0	57536	0.0095	-0.0072	-0.0049	8.84E+06	0.478
					5374.150	6200	0	57614	0.0095	-0.0072	-0.0049	8.78E+06	0.481
					5375.150	6200	0	57645	0.0095	-0.0072	-0.0049	8.76E+06	0.484
					5376.150	6199	0	57676	0.0095	-0.0072	-0.0049	8.70E+06	0.487
					5377.150	6199	0	57707	0.0095	-0.0072	-0.0049	8.69E+06	0.491
					5378.150	6199	0	57754	0.0095	-0.0072	-0.0049	8.65E+06	0.491
					5379.150	6202	0	57816	0.0095	-0.0072	-0.0049	8.63E+06	0.495
					5380.140	6200	0	57847	0.0095	-0.0072	-0.0049	8.63E+06	0.502
					5381.140	6199	0	57863	0.0095	-0.0072	-0.0049	8.60E+06	0.503
					5382.140	6200	0	57910	0.0095	-0.0072	-0.0049	8.57E+06	0.503
					5383.140	6200	0	57941	0.0095	-0.0072	-0.0049	8.55E+06	0.506
					5384.140	6199	0	58018	0.0095	-0.0072	-0.0049	8.49E+06	0.506
					5385.140	6199	0	58050	0.0095	-0.0072	-0.0049	8.46E+06	0.509
					5386.140	6201	0	58096	0.0095	-0.0072	-0.0049	8.45E+06	0.513
					5387.140	6199	0	58112	0.0095	-0.0072	-0.0049	8.43E+06	0.517
					5388.140	6199	0	58127	0.0095	-0.0072	-0.0049	8.43E+06	0.524
					5389.140	6199	0	58174	0.0095	-0.0072	-0.0049	8.44E+06	0.527
					5390.140	6200	0	58205	0.0095	-0.0072	-0.0049	8.40E+06	0.531
					5391.140	6199	0	58252	0.0095	-0.0072	-0.0049	8.41E+06	0.534
					5392.140	6199	0	58314	0.0095	-0.0072	-0.0049	8.38E+06	0.536
					5393.140	6199	0	58314	0.0095	-0.0072	-0.0049	8.31E+06	0.535
					5394.140	6199	0	58376	0.0095	-0.0072	-0.0049	8.30E+06	0.539
					5395.140	6199	0	58423	0.0096	-0.0072	-0.0049	8.30E+06	0.545
					5396.140	6200	0	58454	0.0096	-0.0072	-0.0049	8.35E+06	0.550
					5397.140	6200	0	58485	0.0096	-0.0072	-0.0049	8.33E+06	0.553
					5398.140	6199	0	58516	0.0096	-0.0072	-0.0049	8.34E+06	0.556
					5399.140	6199	0	58563	0.0096	-0.0072	-0.0049	8.32E+06	0.557
					5400.140	6200	0	58594	0.0096	-0.0072	-0.0049	8.30E+06	0.561
					5401.140	6200	0	58640	0.0096	-0.0072	-0.0049	8.27E+06	0.565
					5402.140	6200	0	58703	0.0096	-0.0072	-0.0049	8.25E+06	0.568
					5403.140	6199	0	58718	0.0096	-0.0072	-0.0049	8.23E+06	0.572
					5404.140	6200	0	58796	0.0096	-0.0072	-0.0049	8.23E+06	0.578
					5405.140	6199	0	58827	0.0096	-0.0072	-0.0049	8.20E+06	0.580
					5406.140	6201	0	58858	0.0096	-0.0072	-0.0049	8.19E+06	0.584
					5407.140	6199	0	58874	0.0096	-0.0072	-0.0049	8.16E+06	0.587
					5408.140	6200	0	58920	0.0096	-0.0072	-0.0049	8.10E+06	0.590
					5409.140	6201	0	58967	0.0096	-0.0072	-0.0049	8.12E+06	0.598
					5410.130	6201	0	58983	0.0096	-0.0073	-0.0049	8.12E+06	0.602
					5411.130	6199	0	59045	0.0096	-0.0073	-0.0049	8.06E+06	0.604
					5412.130	6199	0	59076	0.0096	-0.0073	-0.0049	8.02E+06	0.607
					5413.130	6198	0	59107	0.0096	-0.0073	-0.0049	7.96E+06	0.610
					5414.130	6200	0	59154	0.0096	-0.0073	-0.0049	7.92E+06	0.616
					5415.130	6199	0	59169	0.0096	-0.0073	-0.0049	7.89E+06	0.622
					5416.130	6200	0	59216	0.0096	-0.0073	-0.0049	7.85E+06	0.627
					5417.130	6201	0	59262	0.0097	-0.0073	-0.0049	7.82E+06	0.632
					5418.130	6200	0	59309	0.0097	-0.0073	-0.0049	7.82E+06	0.639
					5419.130	6198	0	59340	0.0097	-0.0073	-0.0049	7.78E+06	0.643
					5420.130	6199	0	59356	0.0097	-0.0073	-0.0049	7.75E+06	0.649
					5421.130	6199	0	59434	0.0097	-0.0073	-0.0049	7.70E+06	0.652
					5422.130	6200	0	59449	0.0097	-0.0073	-0.0049	7.66E+06	0.658
					5423.130	6201	0	59496	0.0097	-0.0073	-0.0049	7.63E+06	0.663
					5424.130	6200	0	59542	0.0097	-0.0073	-0.0049	7.56E+06	0.667
					5425.130	6199	0	59542	0.0097	-0.0073	-0.0049	7.54E+06	0.674
					5426.130	6200	0	59589	0.0097	-0.0073	-0.0049	7.52E+06	0.682
					5427.130	6201	0	59636	0.0097	-0.0073	-0.0049	7.42E+06	0.683
					5428.130	6199	0	59682	0.0097	-0.0073	-0.0049	7.41E+06	0.691
					5429.130	6199	0	59698	0.0097	-0.0073	-0.0049	7.35E+06	0.695
					5430.130	6199	0	59729	0.0097	-0.0073	-0.0049	7.33E+06	0.702
					5431.130	6200	0	59776	0.0097	-0.0073	-0.0049	7.29E+06	0.710
					5432.130	6200	0	59807	0.0097	-0.0073	-0.0049	7.22E+06	0.712
					5433.130	6200	0	59822	0.0097	-0.0073	-0.0049	7.16E+06	0.714
					5434.130	6201	0	59900	0.0097	-0.0073	-0.0049	7.13E+06	0.721
					5435.130	6200	0	59931	0.0097	-0.0073	-0.0049	7.08E+06	0.722
					5436.130	6199	0	59916	0.0097	-0.0073	-0.0049	7.02E+06	0.729
					5437.130	6199	0	59947	0.0098	-0.0073	-0.0049	7.00E+06	0.735
					5438.130	6199	0	59978	0.0098	-0.0073	-0.0049	6.98E+06	0.745
					5439.130	6200	0	60040	0.0098	-0.0073	-0.0049	6.99E+06	0.757
					5440.130	6199	0	60071	0.0098	-0.0073	-0.0049	7.01E+06	0.765
					5441.130	6199	0	60102	0.0098	-0.0074	-0.0049	6.99E+06	0.773
					5442.120	6201	0	60133	0.0098	-0.0074	-0.0049	6.96E+06	0.777

					5443.120	6199	0	60180	0.0098	-0.0074	-0.0049	6.97E+06	0.786
					5444.120	6200	0	60195	0.0098	-0.0074	-0.0049	6.93E+06	0.789
					5445.120	6200	0	60211	0.0098	-0.0074	-0.0049	6.87E+06	0.792
					5446.120	6202	0	60242	0.0098	-0.0074	-0.0049	6.82E+06	0.797
					5447.120	6200	0	60258	0.0098	-0.0074	-0.0049	6.84E+06	0.808
					5448.120	6199	0	60335	0.0098	-0.0074	-0.0049	6.81E+06	0.814
					5449.120	6200	0	60335	0.0098	-0.0074	-0.0049	6.81E+06	0.822
					5450.120	6199	0	60367	0.0098	-0.0074	-0.0050	6.81E+06	0.828
					5451.120	6199	0	60382	0.0098	-0.0074	-0.0050	6.76E+06	0.833
					5452.120	6199	0	60429	0.0098	-0.0074	-0.0050	6.71E+06	0.840
					5453.120	6200	0	60475	0.0098	-0.0074	-0.0050	6.69E+06	0.845
					5454.120	6200	0	60475	0.0098	-0.0074	-0.0050	6.64E+06	0.850
					5455.120	6199	0	60507	0.0098	-0.0074	-0.0050	6.59E+06	0.856
					5456.120	6200	0	60522	0.0098	-0.0074	-0.0050	6.55E+06	0.861
					5457.120	6200	0	60569	0.0098	-0.0074	-0.0050	6.50E+06	0.864
					5458.120	6200	0	60600	0.0098	-0.0074	-0.0050	6.45E+06	0.868
					5459.120	6200	0	60646	0.0098	-0.0074	-0.0050	6.39E+06	0.869
					5460.120	6199	0	60678	0.0099	-0.0074	-0.0050	6.36E+06	0.877
					5461.120	6199	0	60693	0.0099	-0.0074	-0.0050	6.33E+06	0.882
					5462.120	6200	0	60724	0.0099	-0.0074	-0.0050	6.27E+06	0.886
					5463.120	6200	0	60755	0.0099	-0.0074	-0.0050	6.21E+06	0.892
					5464.120	6200	0	60786	0.0099	-0.0074	-0.0050	6.15E+06	0.895
					5465.120	6199	0	60849	0.0099	-0.0074	-0.0050	6.11E+06	0.901
					5466.120	6199	0	60849	0.0099	-0.0074	-0.0050	6.04E+06	0.904
					5467.120	6199	0	60880	0.0099	-0.0074	-0.0050	6.00E+06	0.910
					5468.120	6199	0	60942	0.0099	-0.0075	-0.0050	5.97E+06	0.918
					5469.120	6200	0	60973	0.0099	-0.0075	-0.0050	5.94E+06	0.924
					5470.120	6199	0	60989	0.0099	-0.0075	-0.0050	5.88E+06	0.930
					5471.120	6199	0	61020	0.0099	-0.0075	-0.0050	5.83E+06	0.936
					5472.120	6199	0	61035	0.0099	-0.0075	-0.0050	5.81E+06	0.944
					5473.110	6200	0	61082	0.0099	-0.0075	-0.0050	5.74E+06	0.948
					5474.110	6200	0	61097	0.0099	-0.0075	-0.0051	5.71E+06	0.956
					5475.110	6201	0	61160	0.0099	-0.0075	-0.0051	5.63E+06	0.959
					5476.110	6200	0	61160	0.0099	-0.0075	-0.0051	5.61E+06	0.970
					5477.110	6199	0	61160	0.0099	-0.0075	-0.0051	5.53E+06	0.975
					5478.110	6199	0	61222	0.0099	-0.0075	-0.0051	5.46E+06	0.979
					5479.110	6199	0	61222	0.0099	-0.0075	-0.0051	5.41E+06	0.986
					5480.110	6199	0	61253	0.0100	-0.0075	-0.0051	5.37E+06	0.994
					5481.110	6199	0	61300	0.0100	-0.0075	-0.0051	5.31E+06	0.999
					5482.110	6201	0	61315	0.0100	-0.0075	-0.0051	5.25E+06	1.005
					5483.110	6200	0	61346	0.0100	-0.0075	-0.0051	5.19E+06	1.010
					5484.110	6200	0	61393	0.0100	-0.0075	-0.0051	5.13E+06	1.016
					5485.110	6199	0	61393	0.0100	-0.0075	-0.0051	5.07E+06	1.022
					5486.110	6199	0	61424	0.0100	-0.0075	-0.0051	5.01E+06	1.027
					5487.110	6199	0	61455	0.0100	-0.0076	-0.0051	4.96E+06	1.033
					5488.110	6200	0	61486	0.0100	-0.0076	-0.0051	4.90E+06	1.041
					5489.110	6200	0	61517	0.0100	-0.0076	-0.0051	4.83E+06	1.050
					5490.110	6201	0	61548	0.0100	-0.0076	-0.0051	4.77E+06	1.062
					5491.110	6201	0	61548	0.0100	-0.0076	-0.0051	4.75E+06	1.074
					5492.110	6200	0	61595	0.0100	-0.0076	-0.0051	4.70E+06	1.086
					5493.110	6199	0	61611	0.0100	-0.0076	-0.0052	4.64E+06	1.092
					5494.110	6199	0	61642	0.0100	-0.0076	-0.0052	4.61E+06	1.105
					5495.110	6200	0	61642	0.0100	-0.0076	-0.0052	4.59E+06	1.119
					5496.110	6199	0	61688	0.0100	-0.0076	-0.0052	4.52E+06	1.126
					5497.110	6199	0	61704	0.0100	-0.0076	-0.0052	4.43E+06	1.128
					5498.110	6199	0	61735	0.0101	-0.0076	-0.0052	4.36E+06	1.140
					5499.110	6200	0	61735	0.0100	-0.0076	-0.0052	4.32E+06	1.151
					5500.110	6199	0	61751	0.0101	-0.0076	-0.0052	4.27E+06	1.163
					5501.110	6201	0	61797	0.0101	-0.0076	-0.0052	4.24E+06	1.175
					5502.110	6199	0	61797	0.0101	-0.0076	-0.0052	4.18E+06	1.183
					5503.100	6200	0	61813	0.0101	-0.0076	-0.0052	4.09E+06	1.193
					5504.100	6200	0	61828	0.0101	-0.0076	-0.0052	4.03E+06	1.207
					5505.100	6200	0	61890	0.0101	-0.0077	-0.0052	3.96E+06	1.217
					5506.100	6200	0	61922	0.0101	-0.0077	-0.0052	3.87E+06	1.231
					5507.100	6199	0	61922	0.0101	-0.0077	-0.0052	3.79E+06	1.245
					5508.100	6199	0	61953	0.0101	-0.0077	-0.0052	3.68E+06	1.250
					5509.100	6199	0	61953	0.0101	-0.0077	-0.0053	3.60E+06	1.264
					5510.100	6199	0	61968	0.0101	-0.0077	-0.0053	3.51E+06	1.274
					5511.100	6199	0	61984	0.0101	-0.0077	-0.0053	3.44E+06	1.290
					5512.100	6200	0	62015	0.0101	-0.0077	-0.0053	3.34E+06	1.302
					5513.100	6199	0	62015	0.0101	-0.0077	-0.0053	3.25E+06	1.315
					5514.100	6200	0	62015	0.0101	-0.0077	-0.0053	3.15E+06	1.328
					5515.100	6200	0	62030	0.0101	-0.0077	-0.0053	3.07E+06	1.340
					5516.100	6200	0	62062	0.0101	-0.0077	-0.0053	3.01E+06	1.356
					5517.100	6200	0	62077	0.0101	-0.0077	-0.0053	2.91E+06	1.366
					5518.100	6201	0	62124	0.0101	-0.0077	-0.0053	2.83E+06	1.379

				5519.100	6199	0	62108	0.0101	-0.0077	-0.0053	2.77E+06	1.401
				5520.100	6199	0	62139	0.0102	-0.0077	-0.0053	2.69E+06	1.421
				5521.100	6199	0	62124	0.0102	-0.0078	-0.0054	2.60E+06	1.437
				5522.100	6202	0	62139	0.0102	-0.0078	-0.0054	2.51E+06	1.453
				5523.100	6200	0	62139	0.0102	-0.0078	-0.0054	2.42E+06	1.481
				5524.100	6200	0	62186	0.0102	-0.0078	-0.0054	2.33E+06	1.503
				5525.100	6199	0	62202	0.0102	-0.0078	-0.0054	2.22E+06	1.539
				5526.100	6199	0	62233	0.0102	-0.0078	-0.0054	2.06E+06	1.575
				5527.100	6199	0	62233	0.0102	-0.0078	-0.0054	1.91E+06	1.626
				5528.100	6200	0	62233	0.0102	-0.0078	-0.0054	1.65E+06	1.696
				5529.100	6198	0	62233	0.0102	-0.0078	-0.0054	1.30E+06	1.791
				5530.100	6200	0	62279	0.0102	-0.0078	-0.0054	8.44E+05	1.883
				5531.100	6201	0	62233	0.0102	-0.0078	-0.0055	4.00E+05	1.976
				5532.100	6199	0	62248	0.0102	-0.0078	-0.0055	-8.41E+04	2.054
				5533.100	6199	0	62264	0.0102	-0.0079	-0.0055	-7.57E+05	2.140
				5534.100	6200	0	62248	0.0102	-0.0079	-0.0055	-1.54E+06	2.223
				5535.090	6200	0	62279	0.0102	-0.0079	-0.0055	-2.41E+06	2.301
				5536.090	6199	0	62310	0.0102	-0.0079	-0.0055	-3.31E+06	2.375
				5537.090	6199	0	62279	0.0102	-0.0079	-0.0055	-4.20E+06	2.452
				5538.090	6200	0	62295	0.0103	-0.0079	-0.0055	-5.15E+06	2.527
				5539.090	6199	0	62295	0.0103	-0.0079	-0.0056	-6.01E+06	2.599
				5540.090	6199	0	62326	0.0103	-0.0079	-0.0056	-6.89E+06	2.670
				5541.090	6198	0	62341	0.0103	-0.0079	-0.0056	-7.70E+06	2.741
				5542.090	6200	0	62310	0.0103	-0.0079	-0.0056	-8.47E+06	2.813
				5543.090	6200	0	62341	0.0103	-0.0079	-0.0056	-9.14E+06	2.878
				5544.090	6200	0	62357	0.0103	-0.0080	-0.0056	-9.72E+06	2.932
				5545.090	6199	0	62310	0.0103	-0.0080	-0.0056	-1.03E+07	2.993
				5546.090	6199	0	62357	0.0103	-0.0080	-0.0057	-1.07E+07	3.051
				5547.090	6200	0	62341	0.0103	-0.0080	-0.0057	-1.11E+07	3.101
				5548.090	6199	0	62341	0.0103	-0.0080	-0.0057	-1.14E+07	3.144
				5549.090	6198	0	62326	0.0103	-0.0080	-0.0057	-1.17E+07	3.192
				5550.090	6199	0	62310	0.0103	-0.0081	-0.0058	-1.18E+07	3.223
				5551.090	6200	0	62264	0.0103	-0.0081	-0.0058	-1.18E+07	3.248
				5552.090	6200	0	62217	0.0103	-0.0081	-0.0059	-1.18E+07	3.277
				5553.090	6199	0	62093	0.0104	-0.0082	-0.0061	-1.18E+07	3.302
				5554.090	6199	0	61922	0.0104	-0.0083	-0.0062	-1.16E+07	3.314
				5555.090	6201	0	61751	0.0104	-0.0084	-0.0063	-1.14E+07	3.312
				5556.090	6200	0	61642	0.0104	-0.0084	-0.0064	-1.10E+07	3.293
				5557.090	6199	0	61440	0.0104	-0.0084	-0.0064	-1.07E+07	3.289
				5558.090	6200	0	60849	0.0104	-0.0085	-0.0065	-1.04E+07	3.269
				5559.090	6200	0	60351	0.0104	-0.0085	-0.0065	-9.94E+06	3.238
				5560.090	6200	0	59884	0.0104	-0.0085	-0.0065	-9.49E+06	3.211
				5561.090	6200	0	59480	0.0104	-0.0085	-0.0066	-9.01E+06	3.174
				5562.090	6200	0	59138	0.0104	-0.0085	-0.0066	-8.44E+06	3.123
				5563.090	6199	0	58796	0.0104	-0.0085	-0.0066	-7.92E+06	3.075
				5564.090	6199	0	58625	0.0104	-0.0085	-0.0066	-7.36E+06	3.022
				5565.090	6200	0	58594	0.0104	-0.0085	-0.0066	-6.77E+06	2.965
				5566.080	6199	0	58672	0.0104	-0.0085	-0.0066	-6.18E+06	2.911
				5567.080	6199	0	58796	0.0104	-0.0085	-0.0066	-5.61E+06	2.861
				5568.080	6199	0	58998	0.0104	-0.0085	-0.0066	-4.92E+06	2.777
				5569.080	6200	0	59200	0.0104	-0.0085	-0.0066	-4.29E+06	2.713
				5570.080	6200	0	59340	0.0104	-0.0085	-0.0067	-3.57E+06	2.641
				5571.080	6200	0	59527	0.0104	-0.0086	-0.0067	-2.88E+06	2.580
				5572.080	6199	0	59713	0.0104	-0.0086	-0.0067	-2.11E+06	2.501
				5573.080	6200	0	59869	0.0104	-0.0086	-0.0067	-1.31E+06	2.414
				5574.080	6199	0	60024	0.0104	-0.0086	-0.0067	-4.64E+05	2.315
				5575.080	6199	0	60180	0.0105	-0.0086	-0.0067	4.08E+05	2.229
				5576.080	6200	0	60304	0.0105	-0.0086	-0.0067	1.35E+06	2.131
				5577.080	6200	0	60460	0.0105	-0.0086	-0.0068	2.25E+06	2.038
				5578.080	6200	0	60538	0.0105	-0.0086	-0.0068	3.18E+06	1.956
				5579.080	6200	0	60584	0.0105	-0.0086	-0.0068	3.97E+06	1.897
				5580.080	6201	0	60631	0.0105	-0.0086	-0.0068	4.54E+06	1.848
				5581.080	6199	0	60662	0.0105	-0.0087	-0.0068	4.92E+06	1.820
				5582.080	6200	0	60693	0.0105	-0.0087	-0.0068	5.20E+06	1.799
				5583.080	6200	0	60709	0.0105	-0.0087	-0.0068	5.38E+06	1.781
				5584.080	6199	0	60709	0.0105	-0.0087	-0.0069	5.47E+06	1.768
				5585.080	6199	0	60755	0.0105	-0.0087	-0.0069	5.48E+06	1.761
				5586.080	6201	0	60740	0.0105	-0.0087	-0.0069	5.33E+06	1.750
				5587.080	6199	0	60724	0.0106	-0.0087	-0.0069	5.11E+06	1.744
				5588.080	6199	0	60693	0.0106	-0.0087	-0.0069	4.80E+06	1.748
				5589.080	6199	0	60693	0.0106	-0.0088	-0.0070	4.39E+06	1.757
				5590.080	6199	0	60709	0.0106	-0.0088	-0.0070	3.83E+06	1.774
				5591.080	6200	0	60678	0.0106	-0.0088	-0.0070	3.24E+06	1.790
				5592.080	6199	0	60615	0.0106	-0.0088	-0.0070	2.58E+06	1.803
				5593.080	6200	0	60631	0.0106	-0.0088	-0.0070	1.92E+06	1.819
				5594.080	6199	0	60584	0.0106	-0.0088	-0.0070	1.30E+06	1.834

				5595.080	6200	0	60600	0.0106	-0.0088	-0.0071	7.67E+05	1.846
				5596.080	6199	0	60553	0.0106	-0.0088	-0.0071	2.23E+05	1.867
				5597.080	6199	0	60553	0.0106	-0.0089	-0.0071	-2.91E+05	1.885
				5598.070	6200	0	60538	0.0106	-0.0089	-0.0071	-7.54E+05	1.898
				5599.070	6200	0	60491	0.0106	-0.0089	-0.0071	-1.18E+06	1.920
				5600.070	6200	0	60460	0.0106	-0.0089	-0.0071	-1.58E+06	1.938
				5601.070	6200	0	60475	0.0106	-0.0089	-0.0071	-1.88E+06	1.946
				5602.070	6199	0	60444	0.0106	-0.0089	-0.0072	-2.14E+06	1.956
				5603.070	6199	0	60413	0.0106	-0.0089	-0.0072	-2.31E+06	1.965
				5604.070	6199	0	60413	0.0106	-0.0089	-0.0072	-2.47E+06	1.973
				5605.070	6199	0	60413	0.0107	-0.0089	-0.0072	-2.62E+06	1.991
				5606.070	6200	0	60382	0.0106	-0.0089	-0.0072	-2.71E+06	1.991
				5607.070	6199	0	60398	0.0107	-0.0089	-0.0072	-2.75E+06	1.987
				5608.070	6200	0	60382	0.0107	-0.0090	-0.0072	-2.79E+06	1.985
				5609.070	6200	0	60351	0.0107	-0.0090	-0.0073	-2.80E+06	1.985
				5610.070	6199	0	60335	0.0107	-0.0090	-0.0073	-2.78E+06	1.973
				5611.070	6198	0	60320	0.0107	-0.0090	-0.0073	-2.73E+06	1.969
				5612.070	6200	0	60304	0.0107	-0.0090	-0.0073	-2.67E+06	1.967
				5613.070	6199	0	60289	0.0107	-0.0090	-0.0073	-2.60E+06	1.951
				5614.070	6200	0	60304	0.0107	-0.0090	-0.0073	-2.54E+06	1.947
				5615.070	6199	0	60273	0.0107	-0.0090	-0.0073	-2.46E+06	1.934
				5616.070	6199	0	60273	0.0107	-0.0090	-0.0074	-2.36E+06	1.912
				5617.070	6199	0	60258	0.0107	-0.0090	-0.0074	-2.28E+06	1.902
				5618.070	6199	0	60242	0.0107	-0.0090	-0.0074	-2.24E+06	1.898
				5619.070	6202	0	60258	0.0107	-0.0090	-0.0074	-2.15E+06	1.874
				5620.070	6200	0	60258	0.0107	-0.0090	-0.0074	-2.09E+06	1.868
				5621.070	6202	0	60242	0.0107	-0.0091	-0.0074	-2.04E+06	1.853
				5622.070	6199	0	60227	0.0107	-0.0091	-0.0074	-2.01E+06	1.850
				5623.070	6201	0	60227	0.0107	-0.0091	-0.0074	-1.97E+06	1.848
				5624.070	6200	0	60227	0.0107	-0.0091	-0.0074	-1.92E+06	1.839
				5625.070	6199	0	60195	0.0107	-0.0091	-0.0074	-1.91E+06	1.824
				5626.070	6199	0	60195	0.0107	-0.0091	-0.0075	-1.94E+06	1.832
				5627.070	6200	0	60211	0.0107	-0.0091	-0.0075	-1.94E+06	1.829
				5628.060	6199	0	60211	0.0107	-0.0091	-0.0075	-1.97E+06	1.823
				5629.060	6199	0	60180	0.0108	-0.0091	-0.0075	-2.00E+06	1.828
				5630.060	6201	0	60149	0.0107	-0.0091	-0.0075	-2.06E+06	1.827
				5631.060	6201	0	60149	0.0108	-0.0091	-0.0075	-2.10E+06	1.824
				5632.060	6199	0	60180	0.0108	-0.0091	-0.0075	-2.16E+06	1.835
				5633.060	6200	0	60133	0.0108	-0.0092	-0.0075	-2.23E+06	1.840
				5634.060	6200	0	60164	0.0108	-0.0092	-0.0076	-2.35E+06	1.833
				5635.060	6201	0	60133	0.0108	-0.0092	-0.0076	-2.75E+06	1.840
				5636.060	6199	0	60149	0.0108	-0.0092	-0.0076	-3.34E+06	1.857
				5637.060	6199	0	60149	0.0108	-0.0092	-0.0076	-4.04E+06	1.872
				5638.060	6199	0	60133	0.0108	-0.0092	-0.0076	-4.84E+06	1.894
				5639.060	6199	0	60133	0.0108	-0.0092	-0.0076	-5.73E+06	1.918
				5640.060	6200	0	60118	0.0108	-0.0092	-0.0076	-6.77E+06	1.952
				5641.060	6199	0	60102	0.0108	-0.0092	-0.0076	-7.59E+06	1.983
				5642.060	6199	0	60087	0.0108	-0.0092	-0.0076	-8.54E+06	2.016
				5643.060	6199	0	60071	0.0108	-0.0092	-0.0077	-9.33E+06	2.039
				5644.060	6199	0	60087	0.0108	-0.0092	-0.0077	-1.01E+07	2.060
				5645.060	6199	0	60071	0.0108	-0.0093	-0.0077	-1.08E+07	2.084
				5646.060	6199	0	60009	0.0108	-0.0093	-0.0077	-1.14E+07	2.107
				5647.060	6200	0	60024	0.0108	-0.0093	-0.0077	-1.21E+07	2.142
				5648.060	6200	0	60009	0.0108	-0.0093	-0.0077	-1.25E+07	2.165
				5649.060	6200	0	59993	0.0108	-0.0093	-0.0077	-1.28E+07	2.171
				5650.060	6200	0	59947	0.0109	-0.0093	-0.0078	-1.31E+07	2.195
				5651.060	6199	0	59916	0.0109	-0.0093	-0.0078	-1.31E+07	2.204
				5652.060	6199	0	59900	0.0109	-0.0093	-0.0078	-1.29E+07	2.188
				5653.060	6199	0	59853	0.0109	-0.0094	-0.0078	-1.26E+07	2.175
				5654.060	6199	0	59869	0.0109	-0.0094	-0.0079	-1.20E+07	2.146
				5655.060	6200	0	59776	0.0109	-0.0094	-0.0079	-1.13E+07	2.092
				5656.060	6201	0	59776	0.0109	-0.0094	-0.0079	-1.07E+07	2.067
				5657.060	6199	0	59760	0.0109	-0.0094	-0.0079	-1.03E+07	2.044
				5658.060	6199	0	59682	0.0109	-0.0094	-0.0079	-1.01E+07	2.002
				5659.060	6199	0	59542	0.0109	-0.0094	-0.0080	-1.02E+07	1.973
				5660.050	6200	0	58998	0.0109	-0.0094	-0.0080	-1.05E+07	1.949
				5661.050	6199	0	58485	0.0109	-0.0095	-0.0080	-1.10E+07	1.927
				5662.050	6200	0	58003	0.0109	-0.0095	-0.0080	-1.17E+07	1.926
				5663.050	6199	0	57552	0.0109	-0.0095	-0.0080	-1.24E+07	1.922
				5664.050	6202	0	57194	0.0109	-0.0095	-0.0080	-1.31E+07	1.915
				5665.050	6199	0	56852	0.0109	-0.0095	-0.0080	-1.38E+07	1.912
				5666.050	6200	0	56619	0.0109	-0.0095	-0.0081	-1.43E+07	1.911
				5667.050	6200	0	56666	0.0109	-0.0095	-0.0080	-1.47E+07	1.893
				5668.050	6199	0	56868	0.0109	-0.0095	-0.0081	-1.50E+07	1.880
				5669.050	6202	0	57101	0.0109	-0.0095	-0.0081	-1.51E+07	1.865
				5670.050	6200	0	57303	0.0109	-0.0095	-0.0081	-1.51E+07	1.841

				5671.050	6200	0	57521	0.0109	-0.0095	-0.0081	-1.48E+07	1.808
				5672.050	6200	0	57707	0.0109	-0.0095	-0.0081	-1.44E+07	1.771
				5673.050	6199	0	57847	0.0109	-0.0095	-0.0081	-1.38E+07	1.731
				5674.050	6199	0	58018	0.0109	-0.0095	-0.0081	-1.31E+07	1.694
				5675.050	6199	0	58174	0.0109	-0.0095	-0.0081	-1.22E+07	1.650
				5676.050	6198	0	58252	0.0110	-0.0096	-0.0082	-1.11E+07	1.601
				5677.050	6200	0	58361	0.0110	-0.0096	-0.0082	-9.90E+06	1.551
				5678.050	6199	0	58376	0.0110	-0.0096	-0.0082	-8.65E+06	1.505
				5679.050	6199	0	58438	0.0110	-0.0096	-0.0082	-7.36E+06	1.456
				5680.050	6199	0	58438	0.0110	-0.0096	-0.0082	-6.00E+06	1.410
				5681.050	6200	0	58345	0.0110	-0.0096	-0.0083	-4.73E+06	1.362
				5682.050	6201	0	58221	0.0110	-0.0096	-0.0083	-3.37E+06	1.301
				5683.050	6200	0	57770	0.0110	-0.0097	-0.0083	-2.16E+06	1.252
				5684.050	6201	0	57256	0.0110	-0.0097	-0.0083	-1.15E+06	1.216
				5685.050	6199	0	56759	0.0110	-0.0096	-0.0083	-3.24E+05	1.183
				5686.050	6200	0	56277	0.0110	-0.0097	-0.0083	3.75E+05	1.151
				5687.050	6200	0	55872	0.0110	-0.0097	-0.0083	9.38E+05	1.127
				5688.050	6201	0	55577	0.0110	-0.0096	-0.0083	1.31E+06	1.098
				5689.050	6200	0	55359	0.0110	-0.0096	-0.0083	1.44E+06	1.080
				5690.050	6200	0	55250	0.0110	-0.0096	-0.0083	1.37E+06	1.066
				5691.040	6200	0	55390	0.0110	-0.0096	-0.0083	1.12E+06	1.050
				5692.040	6199	0	55608	0.0110	-0.0096	-0.0083	7.06E+05	1.046
				5693.040	6200	0	55857	0.0110	-0.0096	-0.0083	2.52E+05	1.037
				5694.040	6199	0	56090	0.0110	-0.0097	-0.0083	-2.10E+05	1.027
				5695.040	6199	0	56261	0.0110	-0.0097	-0.0083	-6.48E+05	1.013
				5696.040	6199	0	56479	0.0110	-0.0097	-0.0083	-1.00E+06	1.005
				5697.040	6201	0	56697	0.0110	-0.0097	-0.0083	-1.28E+06	0.989
				5698.040	6199	0	56899	0.0110	-0.0097	-0.0083	-1.44E+06	0.981
				5699.040	6199	0	57070	0.0111	-0.0097	-0.0083	-1.50E+06	0.969
				5700.040	6199	0	57241	0.0111	-0.0097	-0.0083	-1.47E+06	0.953
				5701.040	6201	0	57334	0.0111	-0.0097	-0.0083	-1.27E+06	0.942
				5702.040	6200	0	57428	0.0111	-0.0097	-0.0083	-9.31E+05	0.933
				5703.040	6200	0	57521	0.0111	-0.0097	-0.0083	-4.58E+05	0.922
				5704.040	6199	0	57645	0.0111	-0.0097	-0.0083	2.15E+05	0.915
				5705.040	6199	0	57661	0.0111	-0.0097	-0.0083	1.03E+06	0.905
				5706.040	6200	0	57723	0.0111	-0.0097	-0.0084	1.88E+06	0.894
				5707.040	6199	0	57723	0.0111	-0.0097	-0.0083	2.79E+06	0.883
				5708.040	6200	0	57723	0.0112	-0.0098	-0.0084	3.69E+06	0.878
				5709.040	6199	0	57739	0.0111	-0.0098	-0.0084	4.33E+06	0.867
				5710.040	6199	0	57770	0.0112	-0.0098	-0.0084	4.85E+06	0.859
				5711.040	6199	0	57723	0.0112	-0.0098	-0.0084	5.15E+06	0.854
				5712.040	6200	0	57739	0.0112	-0.0098	-0.0084	5.15E+06	0.852
				5713.040	6200	0	57583	0.0112	-0.0098	-0.0084	4.88E+06	0.854
				5714.040	6199	0	57288	0.0112	-0.0098	-0.0084	4.43E+06	0.858
				5715.040	6199	0	57039	0.0112	-0.0098	-0.0084	3.79E+06	0.862
				5716.040	6199	0	56837	0.0112	-0.0098	-0.0084	3.03E+06	0.868
				5717.040	6201	0	56603	0.0112	-0.0098	-0.0084	2.16E+06	0.878
				5718.040	6198	0	56401	0.0112	-0.0098	-0.0084	1.30E+06	0.882
				5719.040	6199	0	56215	0.0112	-0.0098	-0.0084	4.50E+05	0.888
				5720.040	6200	0	56012	0.0112	-0.0098	-0.0084	-3.33E+05	0.899
				5721.040	6201	0	55872	0.0112	-0.0098	-0.0084	-1.06E+06	0.904
				5722.040	6200	0	55764	0.0112	-0.0098	-0.0084	-1.66E+06	0.909
				5723.030	6201	0	55670	0.0112	-0.0098	-0.0084	-2.14E+06	0.915
				5724.030	6199	0	55717	0.0112	-0.0098	-0.0084	-2.48E+06	0.916
				5725.030	6199	0	55733	0.0112	-0.0098	-0.0084	-2.67E+06	0.921
				5726.030	6200	0	55748	0.0112	-0.0098	-0.0084	-2.69E+06	0.930
				5727.030	6199	0	55904	0.0112	-0.0098	-0.0084	-2.56E+06	0.932
				5728.030	6198	0	56261	0.0112	-0.0098	-0.0084	-2.26E+06	0.936
				5729.030	6201	0	56681	0.0112	-0.0098	-0.0084	-1.78E+06	0.940
				5730.030	6200	0	57117	0.0112	-0.0098	-0.0084	-1.03E+06	0.941
				5731.030	6201	0	57443	0.0112	-0.0098	-0.0084	-1.51E+05	0.938
				5732.030	6200	0	57599	0.0112	-0.0098	-0.0084	8.24E+05	0.935
				5733.030	6200	0	57739	0.0112	-0.0098	-0.0084	1.71E+06	0.923
				5734.030	6199	0	57832	0.0113	-0.0099	-0.0085	2.58E+06	0.918
				5735.030	6199	0	57925	0.0113	-0.0099	-0.0085	3.50E+06	0.913
				5736.030	6201	0	57894	0.0113	-0.0099	-0.0085	4.36E+06	0.899
				5737.030	6199	0	57599	0.0113	-0.0099	-0.0085	5.07E+06	0.888
				5738.030	6200	0	57288	0.0113	-0.0099	-0.0085	5.75E+06	0.880
				5739.030	6200	0	56992	0.0113	-0.0099	-0.0085	6.23E+06	0.874
				5740.030	6200	0	56712	0.0113	-0.0099	-0.0085	6.53E+06	0.871
				5741.030	6200	0	56479	0.0113	-0.0099	-0.0085	6.83E+06	0.870
				5742.030	6199	0	56230	0.0113	-0.0099	-0.0085	7.08E+06	0.868
				5743.030	6200	0	56012	0.0113	-0.0099	-0.0085	7.31E+06	0.868
				5744.030	6199	0	55841	0.0113	-0.0099	-0.0085	7.50E+06	0.869
				5745.030	6200	0	55701	0.0113	-0.0099	-0.0085	7.58E+06	0.868
				5746.030	6199	0	55764	0.0113	-0.0099	-0.0085	7.57E+06	0.866

5747.030	6200	0	55810	0.0113	-0.0099	-0.0085	7.52E+06	0.866
5748.030	6199	0	55966	0.0113	-0.0099	-0.0085	7.38E+06	0.866
5749.030	6200	0	56137	0.0113	-0.0099	-0.0085	7.18E+06	0.869
5750.030	6200	0	56308	0.0113	-0.0099	-0.0085	6.95E+06	0.872
5751.030	6199	0	56510	0.0113	-0.0099	-0.0085	6.65E+06	0.871
5752.030	6199	0	56666	0.0113	-0.0099	-0.0085	6.29E+06	0.871
5753.020	6199	0	56914	0.0113	-0.0099	-0.0085	5.97E+06	0.872
5754.020	6199	0	57132	0.0113	-0.0099	-0.0085	5.94E+06	0.876
5755.020	6200	0	57381	0.0113	-0.0099	-0.0085	6.43E+06	0.883
5756.020	6199	0	57521	0.0113	-0.0099	-0.0085	7.41E+06	0.875
5757.020	6199	0	57630	0.0113	-0.0099	-0.0085	8.90E+06	0.863
5758.020	6199	0	57723	0.0114	-0.0100	-0.0086	1.03E+07	0.839
5759.020	6200	0	57801	0.0114	-0.0100	-0.0086	1.20E+07	0.822
5760.020	6200	0	57863	0.0114	-0.0100	-0.0086	1.31E+07	0.803
5761.020	6200	0	57925	0.0114	-0.0100	-0.0086	1.39E+07	0.790
5762.020	6199	0	57972	0.0114	-0.0100	-0.0086	1.46E+07	0.782
5763.020	6199	0	58034	0.0114	-0.0100	-0.0086	1.50E+07	0.775
5764.020	6199	0	58050	0.0114	-0.0100	-0.0086	1.53E+07	0.769