

25BA_HW_021 (Stage 1)									25BA_HW_021 (Stage 2)									25BA_HW_021 (Stage 3)									25BA_HW_021 (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]	[-]
1254.650	1200	0	0	0.0000	0.0000	0.0000			1600.680	2200	0	0	0.0000	0.0000	0.0000			1689.250	4200	0	0	0.0000	0.0000	0.0000			1819.470	6199	0	16	0.0000	0.0000	0.0000		
1255.650	1198	0	16	0.0000	0.0000	0.0000			1601.680	2201	0	16	0.0000	0.0000	0.0000			1690.250	4201	0	0	0.0000	0.0000	0.0000			1820.470	6199	0	31	0.0000	0.0000	0.0000		
1256.650	1200	0	0	0.0000	0.0000	0.0000			1602.680	2200	0	-16	0.0000	0.0000	0.0000			1691.250	4201	0	-16	0.0000	0.0000	0.0000			1821.470	6200	0	0	0.0000	0.0000	0.0000		
1257.650	1200	0	16	0.0000	0.0000	0.0000			1603.680	2199	0	0	0.0000	0.0000	0.0000			1692.250	4201	0	-16	0.0000	0.0000	0.0000			1822.470	6199	0	0	0.0000	0.0000	0.0000		
1258.650	1201	0	0	0.0000	0.0000	0.0000			1604.670	2201	0	-16	0.0000	0.0000	0.0000			1693.250	4199	0	31	0.0000	0.0000	0.0000			1823.470	6199	0	0	0.0000	0.0000	0.0000		
1259.650	1198	0	31	0.0000	0.0000	0.0000			1605.670	2201	0	16	0.0000	0.0000	0.0000			1694.250	4201	0	0	0.0000	0.0000	0.0000			1824.470	6199	0	0	0.0000	0.0000	0.0000		
1260.640	1200	0	16	0.0000	0.0000	0.0000			1606.670	2199	0	0	0.0000	0.0000	0.0000			1695.250	4202	0	0	0.0000	0.0000	0.0000			1825.470	6200	0	31	0.0000	0.0000	0.0000		
1261.640	1200	0	16	0.0000	0.0000	0.0000			1607.670	2200	0	31	0.0000	0.0000	0.0000			1696.250	4200	0	-16	0.0000	0.0000	0.0000			1826.470	6199	0	31	0.0000	0.0000	0.0000		
1262.640	1201	0	16	0.0000	0.0000	0.0000			1608.670	2201	0	-16	0.0000	0.0000	0.0000			1697.250	4200	0	-16	0.0000	0.0000	0.0000			1827.470	6199	0	31	0.0000	0.0000	0.0000		
1263.640	1200	0	0	0.0000	0.0000	0.0000			1609.670	2201	0	0	0.0000	0.0000	0.0000			1698.250	4200	0	16	0.0000	0.0000	0.0000			1828.460	6200	0	31	0.0000	0.0000	0.0000		
1264.640	1200	0	47	0.0000	0.0000	0.0000			1610.670	2201	0	31	0.0000	0.0000	0.0000			1699.250	4200	0	0	0.0000	0.0000	0.0000			1829.460	6200	0	47	0.0000	0.0000	0.0000		
1265.640	1200	0	31	0.0000	0.0000	0.0000			1611.670	2201	0	-16	0.0000	0.0000	0.0000			1700.250	4199	0	16	0.0000	0.0000	0.0000			1830.460	6201	0	16	0.0000	0.0000	0.0000		
1266.640	1199	0	16	0.0000	0.0000	0.0000			1612.670	2200	0	0	0.0000	0.0000	0.0000			1701.250	4200	0	0	0.0000	0.0000	0.0000			1831.460	6200	0	47	0.0000	0.0000	0.0000		
1267.640	1199	0	31	0.0000	0.0000	0.0000			1613.670	2200	0	16	0.0000	0.0000	0.0000			1702.250	4201	0	0	0.0000	0.0000	0.0000			1832.460	6200	0	31	0.0000	0.0000	0.0000		
1268.640	1201	0	47	0.0000	0.0000	0.0000			1614.670	2201	0	16	0.0000	0.0000	0.0000			1703.250	4201	0	16	0.0000	0.0000	0.0000			1833.460	6200	0	31	0.0000	0.0000	0.0000		
1269.640	1201	0	31	0.0000	0.0000	0.0000			1615.670	2201	0	31	0.0000	0.0000	0.0000			1704.250	4201	0	47	0.0000	0.0000	0.0000			1834.460	6200	0	31	0.0000	0.0000	0.0000		
1270.640	1200	0	62	0.0000	0.0000	0.0000			1616.670	2200	0	0	0.0000	0.0000	0.0000			1705.250	4200	0	16	0.0000	0.0000	0.0000			1835.460	6201	0	47	0.0000	0.0000	0.0000		
1271.640	1200	0	47	0.0000	0.0000	0.0000			1617.670	2201	0	0	0.0000	0.0000	0.0000			1706.250	4200	0	31	0.0000	0.0000	0.0000			1836.460	6199	0	31	0.0000	0.0000	0.0000		
1272.640	1200	0	16	0.0000	0.0000	0.0000			1618.670	2200	0	31	0.0000	0.0000	0.0000			1707.250	4200	0	31	0.0000	0.0000	0.0000			1837.460	6201	0	47	0.0000	0.0000	0.0000		
1273.640	1200	0	47	0.0000	0.0000	0.0000			1619.670	2201	0	16	0.0000	0.0000	0.0000			1708.250	4201	0	31	0.0000	0.0000	0.0000			1838.460	6201	0	62	0.0000	0.0000	0.0000		
1274.640	1201	0	31	0.0000	0.0000	0.0000			1620.670	2200	0	0	0.0000	0.0000	0.0000			1709.250	4199	0	31	0.0000	0.0000	0.0000			1839.460	6199	0	47	0.0000	0.0000	0.0000		
1275.640	1200	0	47	0.0000	0.0000	0.0000			1621.670	2201	0	0	0.0000	0.0000	0.0000			1710.250	4200	0	47	0.0000	0.0000	0.0000			1840.460	6199	0	47	0.0000	0.0000	0.0000		
1276.640	1200	0	78	0.0000	0.0000	0.0000			1622.670	2201	0	16	0.0000	0.0000	0.0000			1711.250	4200	0	31	0.0000	0.0000	0.0000			1841.460	6199	0	62	0.0000				

1326.620	1200	0	156	0.0001	0.0000	0.0001	2.36E+06	0.017	1672.650	2200	0	140	0.0000	0.0000	0.0000	2.59E+06	-0.004	1760.750	4201	0	871	0.0002	0.0000	0.0002	4.76E+06	0.071	1890.910	6200	0	498	0.0001	0.0000	0.0001	7.35E+06	0.096
1327.620	1200	0	187	0.0001	0.0000	0.0001	2.36E+06	0.016	1673.650	2201	0	140	0.0001	0.0000	0.0000	2.61E+06	-0.007	1761.750	4200	0	887	0.0002	0.0000	0.0002	4.75E+06	0.074	1891.910	6201	0	762	0.0001	0.0000	0.0001	7.34E+06	0.096
1328.620	1199	0	187	0.0001	0.0000	0.0001	2.43E+06	0.015	1674.650	2201	0	187	0.0000	0.0000	0.0000	2.59E+06	-0.003	1762.750	4199	0	902	0.0002	0.0000	0.0002	4.76E+06	0.076	1892.910	6199	0	964	0.0001	0.0000	0.0001	7.35E+06	0.101
1329.620	1200	0	171	0.0001	0.0000	0.0001	2.36E+06	0.018	1675.650	2200	0	140	0.0001	0.0000	0.0001	2.59E+06	0.002	1763.750	4200	0	902	0.0002	0.0000	0.0002	4.78E+06	0.080	1893.910	6201	0	1042	0.0001	0.0000	0.0001	7.32E+06	0.097
1330.620	1201	0	187	0.0001	0.0000	0.0001	2.41E+06	0.010	1676.650	2201	0	140	0.0001	0.0000	0.0000	2.49E+06	0.009	1764.750	4200	0	902	0.0002	0.0000	0.0001	4.79E+06	0.084	1894.910	6200	0	1151	0.0002	0.0000	0.0002	7.33E+06	0.099
1331.620	1200	0	187	0.0001	0.0000	0.0001	2.43E+06	0.012	1677.650	2200	0	156	0.0001	0.0000	0.0001	2.45E+06	0.011	1765.750	4199	0	933	0.0002	0.0000	0.0002	4.81E+06	0.087	1895.910	6200	0	1167	0.0002	0.0000	0.0001	7.32E+06	0.099
1332.620	1200	0	171	0.0001	0.0000	0.0001	2.44E+06	0.009	1678.650	2200	0	171	0.0001	0.0000	0.0001	2.44E+06	0.005	1766.750	4201	0	980	0.0002	0.0000	0.0002	4.84E+06	0.089	1896.910	6200	0	1229	0.0002	0.0000	0.0001	7.33E+06	0.105
1333.620	1201	0	202	0.0001	0.0000	0.0001	2.50E+06	0.006	1679.650	2201	0	171	0.0001	0.0000	0.0001	2.40E+06	0.005	1767.750	4201	0	1011	0.0002	0.0000	0.0002	4.88E+06	0.093	1897.910	6200	0	1229	0.0002	0.0000	0.0001	7.33E+06	0.109
1334.620	1200	0	202	0.0001	0.0000	0.0001	2.57E+06	0.002	1680.650	2200	0	156	0.0001	0.0000	0.0001	2.40E+06	-0.005	1768.750	4201	0	1011	0.0002	0.0000	0.0002	4.89E+06	0.094	1898.910	6201	0	1229	0.0002	0.0000	0.0001	7.33E+06	0.111
1335.620	1201	0	202	0.0001	0.0000	0.0001	2.49E+06	0.002	1681.650	2201	0	171	0.0001	0.0000	0.0001	2.44E+06	-0.005	1769.750	4199	0	1011	0.0002	0.0000	0.0002	4.91E+06	0.101	1899.910	6201	0	1276	0.0002	0.0000	0.0001	7.32E+06	0.113
1336.620	1200	0	202	0.0001	0.0000	0.0001	2.45E+06	-0.001	1682.650	2201	0	171	0.0001	0.0000	0.0001	2.47E+06	0.000	1770.750	4200	0	1011	0.0002	0.0000	0.0002	4.91E+06	0.106	1900.900	6203	0	1322	0.0002	0.0000	0.0002	7.30E+06	0.114
1337.330	1201	0	202	0.0001	0.0000	0.0001	2.46E+06	0.002	1683.650	2202	0	171	0.0001	0.0000	0.0001	2.46E+06	-0.003	1771.750	4199	0	1042	0.0002	0.0000	0.0002	4.92E+06	0.107	1901.900	6200	0	1353	0.0002	0.0000	0.0001	7.29E+06	0.117
1338.330	1199	0	124	0.0001	0.0000	0.0001	2.48E+06	-0.001	1684.650	2201	0	202	0.0001	0.0000	0.0001	2.51E+06	-0.003	1772.750	4202	0	1073	0.0002	0.0000	0.0002	4.98E+06	0.113	1902.900	6200	0	1369	0.0002	0.0000	0.0001	7.32E+06	0.115
1339.330	1201	0	109	0.0001	0.0000	0.0001	2.52E+06	-0.001	1685.650	2200	0	187	0.0001	0.0000	0.0001	2.50E+06	-0.005	1773.750	4200	0	1105	0.0002	0.0000	0.0002	5.02E+06	0.122	1903.900	6199	0	1385	0.0002	0.0000	0.0002	7.32E+06	0.121
1340.320	1201	0	187	0.0001	0.0000	0.0001	2.53E+06	-0.001	1686.650	2201	0	187	0.0001	0.0000	0.0001	2.50E+06	-0.009	1774.740	4200	0	1105	0.0002	0.0000	0.0002	5.05E+06	0.132	1904.900	6199	0	1400	0.0002	0.0000	0.0001	7.30E+06	0.123
1341.320	1200	0	218	0.0001	0.0000	0.0001	2.46E+06	0.003	1687.650	2200	0	187	0.0001	0.0000	0.0001	2.59E+06	-0.005	1775.740	4202	0	1120	0.0002	0.0000	0.0002	5.16E+06	0.139	1905.900	6199	0	1416	0.0002	0.0000	0.0002	7.31E+06	0.127
1342.320	1201	0	218	0.0001	0.0000	0.0001	2.48E+06	0.003	1688.650	2200	0	187	0.0001	0.0000	0.0001	2.53E+06	0.004	1776.740	4199	0	1136	0.0002	0.0000	0.0002	5.18E+06	0.135	1906.900	6199	0	1478	0.0002	0.0000	0.0002	7.34E+06	0.128
1343.320	1200	0	233	0.0001	0.0000	0.0001	2.48E+06	0.005	1689.650	2201	0	218	0.0001	0.0000	0.0001	2.58E+06	0.013	1777.740	4200	0	1198	0.0002	0.0000	0.0002	5.25E+06	0.133	1907.900	6199	0	1493	0.0002	0.0000	0.0002	7.35E+06	0.127
1344.320	1199	0	280	0.0001	0.0000	0.0001	2.49E+06	0.003	1690.650	2201	0	202	0.0001	0.0000	0.0001	2.65E+06	0.015	1778.740	4200	0	1167	0.0003	0.0000	0.0002	5.29E+06	0.138	1908.900	6199	0	1493	0.0002	0.0000	0.0002	7.34E+06	0.129
1345.320	1200	0	296	0.0001	0.0000	0.0001	2.51E+06	0.005	1691.650	2199	0	233	0.0001	0.0000	0.0001	2.63E+06	0.022	1779.740	4199	0	1229	0.0003	0.0000	0.0002	5.32E+06	0.139	1909.900	6201	0	1540	0.0002	0.0000	0.0002	7.29E+06	0.130
1346.320	1203	0	327	0.0001	0.0000	0.0001	2.50E+06	0.004	1692.650	2200	0	218	0.0001	0.0000	0.0001	2.73E+06	0.028	1780.740	4201	0	1229	0.0003	0.0000	0.0002	5.35E+06	0.140	1910.900	6198	0	1571	0.0002	0.0000	0.0002	7.27E+06	0.130
1347.320	1197	0	296	0.0001	0.0000	0.0001	2.48E+06	0.003	1693.650	2201	0	233	0.0001	0.0000	0.0001	2.84E+06	0.028	1781.740	4201	0	1260	0.0003	0.0000	0.0002	5.39E+06	0.141	1911.900	6200	0	1602	0.0002	0.0000	0.0002	7.28E+06	0.131
1348.320	1198	0	296	0.0001	0.0000	0.0001	2.47E+06	0.001	1694.650	2201	0	233	0.0001	0.0000	0.0001	2.86E+06	0.021	1782.740	4200	0	1260	0.0003	0.0000	0.0002	5.45E+06	0.141	1912.900	6201	0	1633	0.0002	0.0000	0.0002	7.32E+06	0.142
1349.320	1200	0	327	0.0001	0.0000	0.0001	2.45E+06	0.001	1695.650	2200	0	218	0.0001	0.0000	0.0001	2.85E+06	0.029	1783.740	4202	0	1307	0.0003	0.0000	0.0002	5.45E+06	0.144	1913.900	6200	0	1649	0.0002	0.0000	0.0002	7.31E+06	0.139
1350.320	1199	0	342	0.0001	0.0000	0.0001	2.44E+06	0.002	1696.650	2201	0	233	0.0001	0.0000	0.0001	2.89E+06	0.036	1784.740	4200	0	1338	0.0003	0.0000	0.0002	5.49E+06	0.142	1914.900	6200	0	1680	0.0002	0.0000	0.0002	7.34E+06	0.133
1351.320	1200	0	358	0.0001	0.0000	0.0001	2.45E+06	0.001	1697.650	2201	0	249	0.0001	0.0000	0.0001	2.88E+06	0.045	1785.740	4201	0	1369	0.0003	0.0000	0.0002	5.51E+06	0.141	1915.900	6199	0	1711	0.0002	0.0000	0.0002	7.37E+06	0.145
1352.320	1200	0	358	0.0001	0.0000	0.0001	2.43E+06	0.003	1698.640	2201	0	233	0.0001	0.0000	0.0001	2.90E+06	0.056	1786.740	4200	0	1385	0.0003	0.0000	0.0003	5.52E+06	0.136	1916.900	6198	0	1727	0.0002	0.0000	0.0002	7.41E+06	0.143
1353.320	1200	0	405	0.0002	0.0000	0.0001	2.36E+06	0.006	1699.640	2199	0	218	0.0001	0.0000	0.0001	2.90E+06	0.059	1787.740	4200	0	1416	0.0003	0.0000	0.0002	5.56E+06	0.134	1917.900	6199	0	1773	0.0002	0.0000	0.0002	7.41E+06	0.141
1354.320	1199	0	327	0.0001	0.0000	0.0001	2.34E+06	0.005	1700.640	2201	0	249	0.0001	0.0000	0.0001	3.02E+06	0.054	1788.740	4200	0	1431	0.0003	0.0000	0.0002	5.54E+06	0.135	1918.900	6200	0	1820	0.0003	0.0000	0.0002	7.46E+06	0.139
1355.320	1200	0	373	0.0001	0.0000	0.0001	2.32E+06	0.005	1701.620	2201	0	218	0.0001	0.0000	0.0001	3.03E+06	0.054	1789.740	4199	0	1447	0.0003	0.0000	0.0002	5.54E+06	0.131	1919.900	6199	0	1836	0.0002	0.0000	0.0002	7.47E+06	0.143
1356.320	1201	0	420	0.0002	0.0000	0.0002	2.32E+06	0.008	1702.620	2201	0	264	0.0001	0.0000	0.0001	3.07E+06	0.053	1790.740	4201	0	1493	0.0003	0.0000	0.0003	5.56E+06	0.139	1920.900	6199	0	1867	0.0003	0.0000	0.0002	7.46E+06	0.132
1357.320	1201	0	436	0.0002	0.0000	0.0002	2.32E+06	0.008	1703.620	2201	0	249	0.0001	0.0000	0.0001	3.07E+06	0.049	1791.740	4202	0	1509	0.0003	0.0000	0.0003	5.53E+06	0.137	1921.900	6200	0	1898	0.0003	0.0000	0.0002	7.47E+06	0.131
1358.320	1201	0	467	0.0002	0.0000	0.0002	2.32E+06	0.007	1704.620	2201	0	264	0.0001	0.0000	0.0001	3.08E+06	0.048	1792.740	4202	0	1540	0.0003	0.0000	0.0003	5.52E+06	0.135	1922.900	6199	0	1929	0.0003	0.0000	0.0002	7.46E+06	0.138
1359.320	1200																																		

1402.310	1200	0	840	0.0004	0.0000	0.0004	1.70E+06	0.031	1748.610	2200	0	1105	0.0004	0.0000	0.0003	3.51E+06	0.107	1836.730	4199	0	2691	0.0005	-0.0001	0.0004	5.82E+06	0.163	1966.880	6201	0	3391	0.0005	-0.0001	0.0003	7.50E+06	0.135
1403.300	1201	0	856	0.0004	0.0000	0.0004	1.72E+06	0.032	1749.610	2199	0	996	0.0004	0.0000	0.0003	3.58E+06	0.113	1837.720	4201	0	2738	0.0005	-0.0001	0.0004	5.86E+06	0.162	1967.880	6199	0	3422	0.0005	-0.0001	0.0003	7.52E+06	0.136
1404.300	1198	0	902	0.0004	0.0000	0.0004	1.71E+06	0.032	1750.610	2200	0	933	0.0004	0.0000	0.0003	3.67E+06	0.120	1838.720	4201	0	2754	0.0005	-0.0001	0.0004	5.90E+06	0.161	1968.880	6199	0	3438	0.0005	-0.0001	0.0003	7.52E+06	0.129
1405.300	1200	0	902	0.0004	0.0000	0.0004	1.71E+06	0.030	1751.600	2199	0	871	0.0004	0.0000	0.0003	3.77E+06	0.123	1839.720	4202	0	2769	0.0006	-0.0001	0.0004	5.95E+06	0.158	1969.880	6199	0	3485	0.0005	-0.0001	0.0004	7.58E+06	0.135
1406.300	1201	0	933	0.0004	0.0000	0.0004	1.74E+06	0.030	1752.600	2201	0	840	0.0004	0.0000	0.0003	3.82E+06	0.123	1840.720	4202	0	2816	0.0005	-0.0001	0.0004	5.99E+06	0.158	1970.880	6200	0	3516	0.0005	-0.0001	0.0004	7.64E+06	0.139
1407.300	1201	0	949	0.0004	0.0000	0.0004	1.74E+06	0.033	1753.600	2201	0	809	0.0004	0.0000	0.0003	3.89E+06	0.122	1841.720	4200	0	2831	0.0005	-0.0001	0.0004	6.02E+06	0.160	1971.880	6199	0	3562	0.0005	-0.0001	0.0004	7.68E+06	0.140
1408.300	1199	0	887	0.0004	0.0000	0.0004	1.73E+06	0.034	1754.600	2201	0	871	0.0004	0.0000	0.0003	3.91E+06	0.119	1842.720	4202	0	2862	0.0006	-0.0001	0.0004	6.02E+06	0.160	1972.880	6199	0	3578	0.0005	-0.0001	0.0004	7.73E+06	0.138
1409.300	1200	0	887	0.0004	0.0000	0.0004	1.76E+06	0.032	1755.600	2201	0	902	0.0004	0.0000	0.0003	3.98E+06	0.121	1843.720	4201	0	2878	0.0006	-0.0001	0.0004	6.04E+06	0.159	1973.880	6199	0	3640	0.0005	-0.0001	0.0004	7.77E+06	0.139
1410.300	1199	0	949	0.0004	0.0000	0.0004	1.77E+06	0.032	1756.600	2200	0	1073	0.0004	0.0000	0.0003	4.00E+06	0.123	1844.720	4201	0	2925	0.0006	-0.0001	0.0004	6.07E+06	0.156	1974.880	6199	0	3671	0.0005	-0.0001	0.0004	7.80E+06	0.142
1411.300	1200	0	980	0.0004	0.0000	0.0004	1.78E+06	0.033	1757.600	2200	0	1182	0.0004	0.0000	0.0003	4.00E+06	0.122	1845.720	4200	0	2956	0.0006	-0.0001	0.0004	6.09E+06	0.154	1975.880	6201	0	3718	0.0005	-0.0001	0.0004	7.81E+06	0.138
1412.300	1200	0	949	0.0004	0.0000	0.0004	1.82E+06	0.032	1758.600	2200	0	1229	0.0004	0.0000	0.0003	3.99E+06	0.126	1846.720	4200	0	3002	0.0006	-0.0001	0.0004	6.14E+06	0.157	1976.880	6199	0	3734	0.0005	-0.0001	0.0004	7.88E+06	0.141
1413.300	1201	0	980	0.0005	0.0000	0.0004	1.83E+06	0.032	1759.600	2200	0	1276	0.0004	0.0000	0.0004	3.98E+06	0.127	1847.720	4199	0	3018	0.0006	-0.0001	0.0004	6.16E+06	0.157	1977.880	6199	0	3780	0.0005	-0.0001	0.0004	7.86E+06	0.140
1414.300	1201	0	918	0.0005	0.0000	0.0004	1.81E+06	0.032	1760.600	2201	0	1338	0.0004	0.0000	0.0004	3.92E+06	0.126	1848.720	4199	0	3018	0.0006	-0.0001	0.0004	6.20E+06	0.157	1978.880	6202	0	3827	0.0005	-0.0001	0.0004	7.89E+06	0.151
1415.300	1199	0	902	0.0005	0.0000	0.0004	1.83E+06	0.031	1761.600	2200	0	1322	0.0004	0.0000	0.0004	3.94E+06	0.127	1849.720	4200	0	3080	0.0006	-0.0001	0.0005	6.21E+06	0.157	1979.880	6201	0	3874	0.0005	-0.0001	0.0004	7.93E+06	0.153
1416.300	1200	0	980	0.0005	0.0000	0.0004	1.83E+06	0.032	1762.600	2201	0	1353	0.0004	0.0000	0.0004	3.98E+06	0.125	1850.720	4200	0	3111	0.0006	-0.0001	0.0004	6.20E+06	0.157	1980.880	6201	0	3889	0.0005	-0.0001	0.0004	7.97E+06	0.151
1417.300	1200	0	1011	0.0005	0.0000	0.0004	1.84E+06	0.030	1763.600	2200	0	1338	0.0004	0.0000	0.0004	4.04E+06	0.127	1851.720	4201	0	3142	0.0006	-0.0001	0.0004	6.22E+06	0.160	1981.880	6199	0	3905	0.0005	-0.0001	0.0004	7.99E+06	0.158
1418.300	1200	0	1042	0.0005	0.0000	0.0005	1.89E+06	0.030	1764.600	2200	0	1338	0.0004	0.0000	0.0004	4.12E+06	0.128	1852.720	4201	0	3174	0.0006	-0.0001	0.0004	6.23E+06	0.160	1982.880	6201	0	3920	0.0005	-0.0001	0.0004	7.97E+06	0.165
1419.300	1200	0	1042	0.0005	0.0000	0.0005	1.86E+06	0.032	1765.600	2200	0	1338	0.0004	0.0000	0.0004	4.17E+06	0.123	1853.720	4200	0	3205	0.0006	-0.0001	0.0004	6.26E+06	0.159	1983.880	6199	0	3967	0.0005	-0.0001	0.0004	7.98E+06	0.170
1420.300	1201	0	965	0.0005	0.0000	0.0005	1.85E+06	0.035	1766.600	2201	0	1338	0.0004	0.0000	0.0004	4.25E+06	0.116	1854.720	4198	0	3220	0.0006	-0.0001	0.0005	6.28E+06	0.161	1984.880	6200	0	4014	0.0005	-0.0001	0.0004	8.02E+06	0.165
1421.300	1200	0	965	0.0005	0.0000	0.0005	1.88E+06	0.033	1767.600	2201	0	1385	0.0004	0.0000	0.0004	4.31E+06	0.120	1855.720	4200	0	3267	0.0006	-0.0001	0.0005	6.29E+06	0.161	1985.880	6200	0	4045	0.0005	-0.0001	0.0004	8.03E+06	0.178
1422.300	1201	0	1042	0.0005	0.0000	0.0005	1.87E+06	0.034	1768.600	2201	0	1385	0.0004	0.0000	0.0004	4.38E+06	0.122	1856.720	4203	0	3298	0.0006	-0.0001	0.0005	6.33E+06	0.162	1986.880	6201	0	4122	0.0005	-0.0001	0.0004	8.04E+06	0.173
1423.300	1201	0	1058	0.0005	0.0000	0.0005	1.85E+06	0.036	1769.600	2201	0	1431	0.0004	0.0000	0.0004	4.42E+06	0.125	1857.720	4200	0	3345	0.0006	-0.0001	0.0005	6.34E+06	0.161	1987.880	6200	0	4154	0.0005	-0.0001	0.0004	8.11E+06	0.181
1424.300	1200	0	1105	0.0005	0.0000	0.0005	1.87E+06	0.034	1770.600	2201	0	1431	0.0004	0.0000	0.0004	4.48E+06	0.126	1858.720	4202	0	3376	0.0006	-0.0001	0.0005	6.38E+06	0.161	1988.880	6199	0	4169	0.0006	-0.0001	0.0004	8.08E+06	0.178
1425.300	1201	0	1089	0.0005	0.0000	0.0005	1.88E+06	0.036	1771.600	2201	0	1431	0.0005	0.0000	0.0004	4.51E+06	0.127	1859.720	4200	0	3454	0.0007	-0.0001	0.0005	6.39E+06	0.159	1989.880	6200	0	4185	0.0006	-0.0001	0.0004	8.08E+06	0.182
1426.300	1200	0	1042	0.0005	0.0000	0.0005	1.87E+06	0.037	1772.600	2200	0	1462	0.0005	0.0000	0.0004	4.55E+06	0.124	1860.720	4201	0	3500	0.0007	-0.0001	0.0005	6.39E+06	0.157	1990.880	6199	0	4247	0.0006	-0.0001	0.0004	8.09E+06	0.186
1427.300	1199	0	1027	0.0005	0.0000	0.0005	1.87E+06	0.038	1773.600	2201	0	1478	0.0005	0.0000	0.0004	4.59E+06	0.122	1861.720	4199	0	3531	0.0007	-0.0001	0.0005	6.42E+06	0.158	1991.880	6200	0	4263	0.0006	-0.0001	0.0004	8.12E+06	0.191
1428.300	1201	0	1089	0.0005	0.0000	0.0005	1.87E+06	0.038	1774.600	2201	0	1509	0.0005	0.0000	0.0004	4.59E+06	0.120	1862.720	4200	0	3578	0.0007	-0.0001	0.0005	6.43E+06	0.157	1992.880	6201	0	4294	0.0006	-0.0001	0.0004	8.16E+06	0.196
1429.300	1201	0	1136	0.0005	0.0000	0.0005	1.86E+06	0.039	1775.600	2200	0	1525	0.0005	0.0000	0.0004	4.54E+06	0.125	1863.720	4200	0	3625	0.0007	-0.0001	0.0005	6.45E+06	0.157	1993.880	6199	0	4356	0.0006	-0.0001	0.0004	8.18E+06	0.204
1430.300	1200	0	1167	0.0005	0.0000	0.0005	1.91E+06	0.039	1776.600	2200	0	1540	0.0005	0.0000	0.0004	4.47E+06	0.122	1864.720	4200	0	3687	0.0007	-0.0001	0.0005	6.43E+06	0.156	1994.870	6201	0	4387	0.0006	-0.0001	0.0004	8.20E+06	0.211
1431.300	1199	0	1167	0.0005	0.0000	0.0005	1.92E+06	0.038	1777.600	2200	0	1556	0.0005	0.0000	0.0004	4.34E+06	0.121	1865.720	4200	0	3718	0.0007	-0.0001	0.0005	6.38E+06	0.154	1995.870	6199	0	4465	0.0006	-0.0001	0.0004	8.20E+06	0.214
1432.300	1200	0	1105	0.0005	0.0000	0.0005	1.94E+06	0.034	1778.600	2201	0	1540	0.0005	0.0000	0.0004	4.22E+06	0.122	1866.720	4201	0	3749	0.0007	-0.0001	0.0005	6.37E+06	0.156	1996.870	6200	0	4465	0.0006	-0.0001	0.0004	8.19E+06	0.212
1433.300	1201	0	1089	0.0005	0.0000	0.0005	1.96E+06	0.036	1779.600	2201	0	1587	0.0005	0.0000	0.0004	4.11E+06	0.125	1867.720	4200	0	3796	0.0007	-0.0001	0.0005	6.39E+06	0.159	1997.870	6199	0	4480	0.0006	-0.0001	0.0004	8.20E+06	0.211
1434.290	1200	0	1151	0.0005	0.0000	0.0005	1.97E+06	0.036	1780.600	2201	0	1618	0.0005	0.0000	0.0004	4.01E+06	0.128	1868.710	4201	0	3842	0.0007	-0.0001	0.0005	6.38E+06	0.159	1998.870	6199	0	4543	0.0006	-0.0001	0.0004		

1478.280	1200	0	1649	0.0008	0.0000	0.0007	2.11E+06	0.062	1824.580	2200	0	2489	0.0007	-0.0001	0.0006	4.46E+06	0.153	1912.700	4200	0	5305	0.0009	-0.0001	0.0007	6.97E+06	0.187	2042.860	6199	0	6285	0.0008	-0.0001	0.0006	8.64E+06	0.187
1479.280	1203	0	1665	0.0008	0.0000	0.0007	2.10E+06	0.064	1825.580	2202	0	2536	0.0007	-0.0001	0.0006	4.44E+06	0.150	1913.700	4199	0	5336	0.0009	-0.0001	0.0007	6.96E+06	0.186	2043.860	6201	0	6347	0.0008	-0.0001	0.0006	8.68E+06	0.183
1480.280	1201	0	1618	0.0008	0.0000	0.0007	2.08E+06	0.063	1826.580	2201	0	2551	0.0007	-0.0001	0.0006	4.43E+06	0.152	1914.700	4200	0	5367	0.0009	-0.0001	0.0007	6.96E+06	0.184	2044.860	6199	0	6394	0.0008	-0.0001	0.0006	8.69E+06	0.185
1481.280	1200	0	1633	0.0008	0.0000	0.0007	2.08E+06	0.063	1827.580	2201	0	2551	0.0007	-0.0001	0.0006	4.41E+06	0.154	1915.700	4199	0	5398	0.0009	-0.0001	0.0007	6.93E+06	0.183	2045.860	6200	0	6425	0.0008	-0.0001	0.0006	8.73E+06	0.191
1482.280	1200	0	1618	0.0008	0.0000	0.0007	2.09E+06	0.063	1828.580	2201	0	2567	0.0007	-0.0001	0.0006	4.41E+06	0.157	1916.700	4201	0	5445	0.0010	-0.0001	0.0007	6.90E+06	0.182	2046.860	6200	0	6456	0.0008	-0.0001	0.0006	8.75E+06	0.195
1483.280	1201	0	1680	0.0008	0.0000	0.0007	2.11E+06	0.061	1829.580	2201	0	2598	0.0007	-0.0001	0.0006	4.39E+06	0.158	1917.700	4200	0	5476	0.0010	-0.0001	0.0007	6.91E+06	0.182	2047.860	6199	0	6503	0.0008	-0.0001	0.0006	8.79E+06	0.192
1484.280	1200	0	1711	0.0008	0.0000	0.0008	2.12E+06	0.064	1830.580	2199	0	2629	0.0007	-0.0001	0.0006	4.42E+06	0.158	1918.700	4201	0	5523	0.0010	-0.0001	0.0007	6.92E+06	0.184	2048.860	6199	0	6518	0.0008	-0.0001	0.0006	8.76E+06	0.192
1485.280	1200	0	1727	0.0008	0.0000	0.0008	2.13E+06	0.068	1831.580	2201	0	2629	0.0007	-0.0001	0.0006	4.40E+06	0.156	1919.700	4201	0	5523	0.0010	-0.0001	0.0007	6.93E+06	0.184	2049.860	6200	0	6596	0.0008	-0.0001	0.0006	8.76E+06	0.192
1486.280	1200	0	1727	0.0008	0.0000	0.0008	2.14E+06	0.066	1832.580	2201	0	2676	0.0007	-0.0001	0.0006	4.42E+06	0.154	1920.700	4199	0	5585	0.0010	-0.0001	0.0007	6.90E+06	0.185	2050.860	6199	0	6612	0.0008	-0.0001	0.0006	8.83E+06	0.197
1487.280	1200	0	1680	0.0008	0.0000	0.0008	2.15E+06	0.069	1833.580	2201	0	2676	0.0007	-0.0001	0.0006	4.43E+06	0.154	1921.700	4201	0	5600	0.0010	-0.0001	0.0007	6.91E+06	0.185	2051.860	6200	0	6689	0.0009	-0.0001	0.0006	8.85E+06	0.193
1488.280	1202	0	1696	0.0008	0.0000	0.0008	2.14E+06	0.069	1834.580	2200	0	2691	0.0007	-0.0001	0.0006	4.44E+06	0.150	1922.700	4201	0	5632	0.0010	-0.0001	0.0007	6.90E+06	0.186	2052.860	6199	0	6705	0.0009	-0.0001	0.0006	8.86E+06	0.196
1489.280	1201	0	1758	0.0008	0.0000	0.0008	2.15E+06	0.071	1835.580	2199	0	2707	0.0008	-0.0001	0.0006	4.47E+06	0.154	1923.700	4200	0	5663	0.0010	-0.0001	0.0007	6.89E+06	0.187	2053.860	6200	0	6736	0.0009	-0.0001	0.0006	8.84E+06	0.195
1490.280	1200	0	1820	0.0008	0.0000	0.0008	2.17E+06	0.068	1836.580	2201	0	2722	0.0008	-0.0001	0.0006	4.49E+06	0.148	1924.700	4201	0	5694	0.0010	-0.0001	0.0007	6.89E+06	0.187	2054.860	6200	0	6798	0.0009	-0.0001	0.0006	8.84E+06	0.198
1491.280	1200	0	1805	0.0008	0.0000	0.0008	2.18E+06	0.067	1837.580	2200	0	2769	0.0008	-0.0001	0.0006	4.46E+06	0.152	1925.700	4200	0	5709	0.0010	-0.0001	0.0007	6.92E+06	0.188	2055.860	6199	0	6860	0.0009	-0.0001	0.0006	8.82E+06	0.200
1492.280	1199	0	1758	0.0009	0.0000	0.0008	2.19E+06	0.066	1838.580	2201	0	2785	0.0008	-0.0001	0.0006	4.45E+06	0.147	1926.700	4201	0	5756	0.0010	-0.0001	0.0007	6.93E+06	0.189	2056.850	6200	0	6892	0.0009	-0.0001	0.0006	8.86E+06	0.203
1493.280	1199	0	1711	0.0008	0.0000	0.0008	2.20E+06	0.067	1839.580	2201	0	2816	0.0008	-0.0001	0.0006	4.46E+06	0.155	1927.700	4198	0	5787	0.0010	-0.0001	0.0007	6.92E+06	0.190	2057.850	6199	0	6954	0.0009	-0.0001	0.0006	8.90E+06	0.200
1494.280	1199	0	1727	0.0008	0.0000	0.0008	2.22E+06	0.068	1840.580	2201	0	2847	0.0008	-0.0001	0.0006	4.46E+06	0.148	1928.700	4198	0	5818	0.0010	-0.0001	0.0007	6.94E+06	0.193	2058.850	6200	0	6985	0.0009	-0.0001	0.0006	8.95E+06	0.196
1495.280	1200	0	1789	0.0009	0.0000	0.0008	2.22E+06	0.068	1841.580	2201	0	2862	0.0008	-0.0001	0.0006	4.48E+06	0.140	1929.700	4200	0	5834	0.0010	-0.0001	0.0007	6.93E+06	0.195	2059.850	6201	0	7032	0.0009	-0.0001	0.0006	8.93E+06	0.192
1496.280	1201	0	1836	0.0008	0.0000	0.0008	2.24E+06	0.072	1842.580	2201	0	2862	0.0008	-0.0001	0.0006	4.53E+06	0.149	1930.690	4200	0	5865	0.0010	-0.0001	0.0007	6.96E+06	0.196	2060.850	6200	0	7078	0.0009	-0.0001	0.0006	8.92E+06	0.193
1497.270	1201	0	1851	0.0009	0.0000	0.0008	2.25E+06	0.070	1843.580	2200	0	2909	0.0008	-0.0001	0.0006	4.51E+06	0.148	1931.690	4200	0	5911	0.0010	-0.0001	0.0007	6.99E+06	0.196	2061.850	6199	0	7125	0.0009	-0.0001	0.0006	8.94E+06	0.195
1498.270	1201	0	1836	0.0009	0.0000	0.0008	2.22E+06	0.068	1844.570	2201	0	2925	0.0008	-0.0001	0.0006	4.50E+06	0.151	1932.690	4200	0	5927	0.0010	-0.0001	0.0007	6.97E+06	0.198	2062.850	6200	0	7203	0.0009	-0.0002	0.0006	8.93E+06	0.191
1499.270	1200	0	1773	0.0009	0.0000	0.0008	2.20E+06	0.072	1845.570	2201	0	2956	0.0008	-0.0001	0.0007	4.56E+06	0.155	1933.690	4199	0	5958	0.0010	-0.0001	0.0007	7.03E+06	0.197	2063.850	6201	0	7234	0.0009	-0.0001	0.0006	8.96E+06	0.193
1500.270	1199	0	1742	0.0009	0.0000	0.0008	2.22E+06	0.075	1846.570	2199	0	2971	0.0008	-0.0001	0.0007	4.61E+06	0.163	1934.690	4200	0	5989	0.0010	-0.0001	0.0007	7.07E+06	0.198	2064.850	6199	0	7265	0.0009	-0.0001	0.0006	8.97E+06	0.198
1501.270	1201	0	1820	0.0009	0.0000	0.0008	2.23E+06	0.078	1847.570	2200	0	3002	0.0008	-0.0001	0.0007	4.65E+06	0.161	1935.690	4200	0	6036	0.0010	-0.0001	0.0007	7.11E+06	0.197	2065.850	6199	0	7343	0.0009	-0.0001	0.0006	8.95E+06	0.196
1502.270	1201	0	1898	0.0009	0.0000	0.0008	2.27E+06	0.083	1848.570	2200	0	3018	0.0008	-0.0001	0.0006	4.67E+06	0.161	1936.690	4199	0	6036	0.0010	-0.0002	0.0007	7.12E+06	0.196	2066.850	6199	0	7389	0.0009	-0.0001	0.0006	9.00E+06	0.195
1503.270	1199	0	1945	0.0009	0.0000	0.0008	2.30E+06	0.085	1849.570	2200	0	3018	0.0008	-0.0001	0.0006	4.66E+06	0.156	1937.690	4198	0	6067	0.0010	-0.0001	0.0007	7.11E+06	0.195	2067.850	6199	0	7436	0.0009	-0.0001	0.0007	9.00E+06	0.196
1504.270	1200	0	1913	0.0009	0.0000	0.0008	2.31E+06	0.082	1850.570	2200	0	3065	0.0008	-0.0001	0.0007	4.72E+06	0.151	1938.690	4201	0	6083	0.0010	-0.0001	0.0007	7.12E+06	0.193	2068.850	6200	0	7498	0.0009	-0.0001	0.0007	8.99E+06	0.196
1505.270	1199	0	1867	0.0009	0.0000	0.0008	2.28E+06	0.081	1851.570	2201	0	3080	0.0008	-0.0001	0.0007	4.76E+06	0.152	1939.690	4200	0	6145	0.0011	-0.0002	0.0008	7.15E+06	0.194	2069.850	6199	0	7514	0.0010	-0.0002	0.0006	8.98E+06	0.197
1506.270	1200	0	1851	0.0009	0.0000	0.0008	2.29E+06	0.083	1852.570	2201	0	3111	0.0008	-0.0001	0.0007	4.80E+06	0.156	1940.690	4201	0	6160	0.0011	-0.0002	0.0008	7.12E+06	0.193	2070.850	6200	0	7592	0.0010	-0.0002	0.0006	8.99E+06	0.204
1507.270	1200	0	1976	0.0009	0.0000	0.0009	2.31E+06	0.083	1853.570	2200	0	3127	0.0008	-0.0001	0.0006	4.85E+06	0.160	1941.690	4199	0	6192	0.0011	-0.0002	0.0008	7.13E+06	0.191	2071.850	6200	0	7623	0.0010	-0.0002	0.0007	9.02E+06	0.204
1508.270	1200	0	1991	0.0009	0.0000	0.0009	2.33E+06	0.083	1854.570	2200	0	3142	0.0009	-0.0001	0.0007	4.87E+06	0.167	1942.690	4201	0	6223	0.0011	-0.0002	0.0007	7.14E+06	0.193	2072.850	6201	0	7685	0.0010	-0.0002	0.0007	9.06E+06	0.208
1509.270	1200	0	1991	0.0009	0.0000	0.0009	2.34E+06	0.083	1855.570	2198	0	3158	0.0008	-0.0001	0.0007	4.87E+06	0.167	1943.690	4198	0	6254	0.0011	-0.0002	0.0007	7.17E+06	0.193	2073.850	6201	0	7716	0.0010	-0.0002	0.0007	9.08E+06	0.208
1510.270	1200	0	1960	0.0009	0.0000	0.0009	2.35E+06	0.085	1856.570	2199	0	3189	0.0009	-0.0001	0.0007	4.91E+06	0.169	1944.690	4200	0	6285	0.0011	-0.0002	0.0008	7.17E+06	0.194	2074.850	6200	0	7763	0.0010				

1554.260	1201	0	2536	0.0012	-0.0001	0.0010	3.00E+06	0.097	1900.560	2200	0	4403	0.0011	-0.0001	0.0008	5.48E+06	0.206	1988.680	4200	0	7825	0.0013	-0.0002	0.0009	7.88E+06	0.224	2118.840	6199	0	9770	0.0012	-0.0002	0.0008	9.61E+06	0.210
1555.260	1203	0	2567	0.0011	-0.0001	0.0010	2.98E+06	0.099	1901.560	2200	0	4449	0.0011	-0.0001	0.0008	5.55E+06	0.204	1989.680	4200	0	7856	0.0013	-0.0002	0.0009	7.87E+06	0.223	2119.830	6199	0	9801	0.0012	-0.0002	0.0008	9.61E+06	0.209
1556.260	1199	0	2582	0.0012	0.0000	0.0011	2.95E+06	0.102	1902.560	2201	0	4480	0.0011	-0.0001	0.0008	5.58E+06	0.205	1990.680	4202	0	7887	0.0013	-0.0002	0.0009	7.88E+06	0.223	2120.830	6200	0	9847	0.0012	-0.0002	0.0008	9.59E+06	0.212
1557.260	1200	0	2567	0.0011	0.0000	0.0011	2.96E+06	0.105	1903.560	2200	0	4480	0.0011	-0.0001	0.0008	5.56E+06	0.206	1991.680	4199	0	7934	0.0013	-0.0002	0.0009	7.83E+06	0.222	2121.830	6199	0	9910	0.0012	-0.0002	0.0008	9.59E+06	0.214
1558.260	1201	0	2582	0.0012	0.0000	0.0011	2.99E+06	0.107	1904.560	2201	0	4496	0.0011	-0.0001	0.0008	5.60E+06	0.212	1992.680	4202	0	7981	0.0013	-0.0002	0.0009	7.87E+06	0.222	2122.830	6199	0	9925	0.0012	-0.0002	0.0008	9.64E+06	0.220
1559.250	1202	0	2629	0.0012	0.0000	0.0011	2.99E+06	0.113	1905.560	2201	0	4543	0.0011	-0.0001	0.0008	5.61E+06	0.211	1993.670	4201	0	8027	0.0013	-0.0002	0.0009	7.87E+06	0.222	2123.830	6199	0	9987	0.0012	-0.0002	0.0008	9.68E+06	0.224
1560.250	1201	0	2645	0.0012	-0.0001	0.0011	2.96E+06	0.113	1906.560	2201	0	4558	0.0011	-0.0001	0.0009	5.61E+06	0.210	1994.670	4199	0	8027	0.0013	-0.0002	0.0009	7.89E+06	0.222	2124.830	6199	0	10034	0.0012	-0.0002	0.0008	9.71E+06	0.229
1561.250	1201	0	2645	0.0012	-0.0001	0.0011	2.96E+06	0.113	1907.550	2201	0	4558	0.0011	-0.0001	0.0008	5.65E+06	0.214	1995.670	4200	0	8089	0.0013	-0.0002	0.0009	7.90E+06	0.224	2125.830	6199	0	10065	0.0012	-0.0002	0.0008	9.72E+06	0.231
1562.250	1200	0	2676	0.0012	0.0000	0.0011	2.94E+06	0.112	1908.550	2201	0	4589	0.0011	-0.0001	0.0008	5.70E+06	0.211	1996.670	4199	0	8136	0.0013	-0.0002	0.0009	7.93E+06	0.221	2126.830	6199	0	10127	0.0012	-0.0002	0.0008	9.77E+06	0.233
1563.250	1199	0	2722	0.0012	-0.0001	0.0011	2.93E+06	0.105	1909.550	2200	0	4605	0.0011	-0.0001	0.0009	5.66E+06	0.202	1997.670	4202	0	8167	0.0013	-0.0002	0.0009	7.95E+06	0.221	2127.830	6199	0	10143	0.0012	-0.0002	0.0008	9.74E+06	0.229
1564.250	1200	0	2722	0.0012	-0.0001	0.0011	2.94E+06	0.098	1910.550	2201	0	4651	0.0011	-0.0001	0.0008	5.66E+06	0.204	1998.670	4200	0	8198	0.0013	-0.0002	0.0009	8.00E+06	0.220	2128.830	6199	0	10190	0.0012	-0.0002	0.0008	9.73E+06	0.230
1565.250	1201	0	2722	0.0012	-0.0001	0.0011	2.97E+06	0.103	1911.550	2201	0	4683	0.0011	-0.0001	0.0009	5.69E+06	0.210	1999.670	4201	0	8261	0.0013	-0.0002	0.0009	8.05E+06	0.220	2129.830	6199	0	10236	0.0012	-0.0002	0.0008	9.73E+06	0.231
1566.250	1200	0	2738	0.0012	0.0000	0.0011	2.97E+06	0.106	1912.550	2200	0	4698	0.0011	-0.0001	0.0009	5.71E+06	0.211	2000.670	4201	0	8276	0.0013	-0.0002	0.0009	8.11E+06	0.220	2130.830	6199	0	10283	0.0012	-0.0002	0.0008	9.74E+06	0.230
1567.250	1201	0	2769	0.0012	-0.0001	0.0011	2.98E+06	0.109	1913.550	2200	0	4714	0.0011	-0.0001	0.0008	5.73E+06	0.213	2001.670	4200	0	8307	0.0013	-0.0002	0.0009	8.14E+06	0.218	2131.830	6200	0	10314	0.0013	-0.0002	0.0008	9.74E+06	0.230
1568.250	1200	0	2754	0.0012	-0.0001	0.0011	2.97E+06	0.106	1914.550	2200	0	4760	0.0011	-0.0001	0.0009	5.75E+06	0.211	2002.670	4200	0	8354	0.0013	-0.0002	0.0009	8.23E+06	0.219	2132.830	6201	0	10361	0.0013	-0.0002	0.0008	9.73E+06	0.229
1569.250	1201	0	2816	0.0012	-0.0001	0.0011	2.99E+06	0.108	1915.550	2199	0	4776	0.0012	-0.0001	0.0009	5.71E+06	0.216	2003.670	4199	0	8369	0.0013	-0.0002	0.0009	8.30E+06	0.217	2133.830	6200	0	10407	0.0013	-0.0002	0.0008	9.71E+06	0.230
1570.250	1200	0	2816	0.0012	-0.0001	0.0011	2.98E+06	0.105	1916.550	2201	0	4791	0.0012	-0.0002	0.0009	5.73E+06	0.213	2004.670	4201	0	8432	0.0014	-0.0002	0.0009	8.34E+06	0.217	2134.830	6199	0	10454	0.0013	-0.0002	0.0008	9.69E+06	0.224
1571.250	1201	0	2816	0.0012	-0.0001	0.0011	2.99E+06	0.111	1917.550	2201	0	4838	0.0012	-0.0001	0.0009	5.75E+06	0.211	2005.670	4199	0	8447	0.0014	-0.0002	0.0009	8.38E+06	0.219	2135.830	6199	0	10485	0.0013	-0.0002	0.0008	9.70E+06	0.225
1572.250	1200	0	2847	0.0012	-0.0001	0.0011	2.98E+06	0.116	1918.550	2201	0	4838	0.0012	-0.0001	0.0009	5.74E+06	0.206	2006.670	4200	0	8509	0.0014	-0.0002	0.0009	8.38E+06	0.219	2136.830	6200	0	10656	0.0013	-0.0002	0.0008	9.72E+06	0.222
1573.250	1201	0	2862	0.0012	-0.0001	0.0011	2.98E+06	0.115	1919.550	2200	0	4885	0.0012	-0.0002	0.0009	5.76E+06	0.210	2007.670	4201	0	8556	0.0014	-0.0002	0.0009	8.41E+06	0.215	2137.830	6202	0	10952	0.0013	-0.0002	0.0008	9.75E+06	0.223
1574.250	1200	0	2878	0.0012	-0.0001	0.0011	2.96E+06	0.118	1920.550	2201	0	4916	0.0012	-0.0001	0.0009	5.81E+06	0.211	2008.670	4199	0	8572	0.0014	-0.0002	0.0009	8.46E+06	0.218	2138.830	6200	0	11185	0.0013	-0.0002	0.0009	9.77E+06	0.222
1575.250	1200	0	2878	0.0012	-0.0001	0.0011	2.97E+06	0.123	1921.550	2200	0	4963	0.0012	-0.0002	0.0009	5.77E+06	0.215	2009.670	4200	0	8618	0.0014	-0.0002	0.0009	8.50E+06	0.218	2139.830	6200	0	11387	0.0014	-0.0002	0.0009	9.77E+06	0.220
1576.250	1199	0	2909	0.0013	-0.0001	0.0011	2.97E+06	0.119	1922.550	2200	0	4963	0.0012	-0.0002	0.0009	5.75E+06	0.218	2010.670	4200	0	8665	0.0014	-0.0002	0.0009	8.46E+06	0.217	2140.830	6199	0	11574	0.0014	-0.0002	0.0009	9.80E+06	0.217
1577.250	1200	0	2940	0.0013	-0.0001	0.0011	2.96E+06	0.117	1923.550	2200	0	5009	0.0012	-0.0002	0.0009	5.76E+06	0.215	2011.670	4200	0	8696	0.0014	-0.0002	0.0009	8.49E+06	0.219	2141.830	6199	0	11481	0.0014	-0.0002	0.0009	9.79E+06	0.219
1578.250	1200	0	2909	0.0013	-0.0001	0.0011	2.95E+06	0.119	1924.550	2199	0	5025	0.0012	-0.0002	0.0009	5.77E+06	0.214	2012.670	4199	0	8758	0.0014	-0.0002	0.0009	8.52E+06	0.221	2142.830	6199	0	11465	0.0014	-0.0002	0.0009	9.77E+06	0.220
1579.250	1199	0	2971	0.0013	-0.0001	0.0011	2.97E+06	0.118	1925.550	2201	0	5040	0.0012	-0.0002	0.0009	5.77E+06	0.214	2013.670	4201	0	8774	0.0014	-0.0002	0.0009	8.54E+06	0.220	2143.830	6199	0	11496	0.0014	-0.0002	0.0009	9.77E+06	0.217
1580.250	1201	0	2956	0.0013	-0.0001	0.0011	2.95E+06	0.125	1926.550	2200	0	5071	0.0012	-0.0002	0.0009	5.78E+06	0.212	2014.670	4199	0	8789	0.0014	-0.0002	0.0009	8.62E+06	0.218	2144.830	6201	0	11559	0.0014	-0.0002	0.0009	9.78E+06	0.218
1581.250	1200	0	2971	0.0013	-0.0001	0.0011	2.95E+06	0.126	1927.550	2201	0	5103	0.0012	-0.0002	0.0009	5.77E+06	0.217	2015.670	4200	0	8852	0.0014	-0.0002	0.0009	8.70E+06	0.219	2145.830	6200	0	11605	0.0014	-0.0002	0.0009	9.81E+06	0.221
1582.250	1199	0	3002	0.0013	-0.0001	0.0012	2.96E+06	0.121	1928.550	2199	0	5134	0.0012	-0.0002	0.0009	5.79E+06	0.209	2016.670	4202	0	8883	0.0014	-0.0002	0.0010	8.75E+06	0.220	2146.830	6200	0	11621	0.0014	-0.0002	0.0009	9.81E+06	0.217
1583.250	1200	0	3002	0.0013	-0.0001	0.0012	2.94E+06	0.114	1929.550	2200	0	5165	0.0012	-0.0002	0.0009	5.77E+06	0.211	2017.670	4199	0	8945	0.0014	-0.0002	0.0010	8.81E+06	0.224	2147.830	6199	0	11636	0.0014	-0.0003	0.0009	9.84E+06	0.214
1584.250	1199	0	3002	0.0013	-0.0001	0.0012	2.96E+06	0.114	1930.550	2198	0	5196	0.0012	-0.0002	0.0009	5.74E+06	0.207	2018.670	4201	0	8976	0.0014	-0.0002	0.0010	8.86E+06	0.223	2148.830	6199	0	11683	0.0014	-0.0002	0.0009	9.85E+06	0.216
1585.250	1200	0	3002	0.0013	-0.0001	0.0012	2.95E+06	0.110	1931.550	2200	0	5211	0.0012	-0.0002	0.0009	5.73E+06	0.204	2019.670	4201	0	9038	0.0014	-0.0002	0.0010	8.87E+06	0.224	2149.830	6199	0	11699	0.0014	-0.0003	0.0009	9.87E+06	0.219
1586.250	1200	0	3065	0.0013	-0.0001	0.0012	2.94E+06	0.106	1932.550	2200	0	5227	0.0012	-0.0002	0.0009	5.75E+06	0.202	2020.670	4200	0	9069	0.0014	-0.0002	0.0010	8.84E+06	0.225	2150.820	6200							

1630.230	1200	0	3702	0.0015	-0.0001	0.0014	3.47E+06	0.126	1976.530	2201	0	6643	0.0015	-0.0002	0.0011	6.49E+06	0.210	2064.650	4201	0	11325	0.0017	-0.0003	0.0011	8.84E+06	0.232	2194.810	6199	0	13596	0.0016	-0.0003	0.0010	1.01E+07	0.226
1631.230	1199	0	3734	0.0015	-0.0001	0.0014	3.48E+06	0.125	1977.530	2201	0	6658	0.0015	-0.0002	0.0011	6.56E+06	0.213	2065.650	4200	0	11356	0.0017	-0.0003	0.0011	8.89E+06	0.231	2195.810	6199	0	13628	0.0016	-0.0003	0.0010	1.01E+07	0.226
1632.230	1201	0	3765	0.0015	-0.0001	0.0013	3.51E+06	0.126	1978.530	2200	0	6658	0.0015	-0.0002	0.0011	6.55E+06	0.221	2066.650	4201	0	11403	0.0017	-0.0003	0.0011	8.98E+06	0.230	2196.810	6199	0	13674	0.0016	-0.0003	0.0010	1.02E+07	0.226
1633.230	1200	0	3765	0.0015	-0.0001	0.0014	3.54E+06	0.120	1979.530	2198	0	6658	0.0015	-0.0002	0.0011	6.62E+06	0.217	2067.650	4200	0	11403	0.0017	-0.0003	0.0011	9.06E+06	0.232	2197.810	6201	0	13736	0.0016	-0.0003	0.0010	1.02E+07	0.224
1634.230	1201	0	3749	0.0015	-0.0001	0.0013	3.53E+06	0.115	1980.530	2200	0	6674	0.0015	-0.0002	0.0011	6.66E+06	0.220	2068.650	4199	0	11450	0.0017	-0.0003	0.0011	9.14E+06	0.234	2198.810	6200	0	13799	0.0016	-0.0003	0.0010	1.02E+07	0.220
1635.230	1199	0	3827	0.0015	-0.0001	0.0014	3.55E+06	0.111	1981.530	2201	0	6705	0.0015	-0.0002	0.0010	6.69E+06	0.216	2069.650	4200	0	11481	0.0017	-0.0003	0.0011	9.23E+06	0.232	2199.810	6200	0	13861	0.0016	-0.0003	0.0010	1.01E+07	0.225
1636.230	1200	0	3796	0.0015	-0.0001	0.0014	3.52E+06	0.110	1982.530	2202	0	6736	0.0015	-0.0002	0.0011	6.65E+06	0.213	2070.650	4202	0	11512	0.0017	-0.0003	0.0011	9.26E+06	0.232	2200.810	6199	0	13923	0.0016	-0.0003	0.0010	1.01E+07	0.222
1637.230	1201	0	3827	0.0016	-0.0001	0.0013	3.54E+06	0.112	1983.530	2201	0	6767	0.0015	-0.0002	0.0010	6.76E+06	0.214	2071.650	4201	0	11559	0.0017	-0.0003	0.0011	9.29E+06	0.231	2201.810	6199	0	13954	0.0016	-0.0003	0.0010	1.02E+07	0.228
1638.230	1200	0	3858	0.0016	-0.0001	0.0014	3.55E+06	0.105	1984.530	2201	0	6814	0.0015	-0.0002	0.0011	6.82E+06	0.221	2072.650	4199	0	11605	0.0017	-0.0003	0.0011	9.35E+06	0.232	2202.810	6200	0	14001	0.0016	-0.0003	0.0010	1.02E+07	0.224
1639.230	1199	0	3874	0.0016	-0.0001	0.0014	3.57E+06	0.104	1985.530	2199	0	6860	0.0015	-0.0002	0.0011	6.87E+06	0.225	2073.650	4200	0	11636	0.0017	-0.0003	0.0011	9.38E+06	0.233	2203.810	6203	0	14063	0.0016	-0.0003	0.0010	1.02E+07	0.223
1640.230	1200	0	3874	0.0016	-0.0001	0.0014	3.59E+06	0.101	1986.530	2200	0	6907	0.0015	-0.0002	0.0011	6.97E+06	0.223	2074.650	4200	0	11652	0.0017	-0.0003	0.0011	9.42E+06	0.234	2204.810	6200	0	14125	0.0016	-0.0003	0.0010	1.03E+07	0.225
1641.230	1200	0	3889	0.0016	-0.0001	0.0014	3.58E+06	0.106	1987.530	2198	0	6985	0.0015	-0.0002	0.0011	6.95E+06	0.228	2075.650	4199	0	11714	0.0017	-0.0003	0.0011	9.43E+06	0.234	2205.810	6199	0	14172	0.0016	-0.0003	0.0010	1.02E+07	0.229
1642.230	1200	0	3905	0.0016	-0.0001	0.0014	3.61E+06	0.108	1988.530	2201	0	7047	0.0015	-0.0002	0.0011	6.93E+06	0.229	2076.650	4201	0	11714	0.0017	-0.0003	0.0011	9.42E+06	0.230	2206.810	6199	0	14234	0.0016	-0.0003	0.0010	1.02E+07	0.235
1643.230	1201	0	3951	0.0016	-0.0001	0.0014	3.65E+06	0.116	1989.530	2200	0	7078	0.0015	-0.0002	0.0011	6.95E+06	0.230	2077.650	4200	0	11776	0.0017	-0.0003	0.0011	9.44E+06	0.230	2207.810	6200	0	14250	0.0017	-0.0003	0.0010	1.02E+07	0.234
1644.230	1199	0	3951	0.0016	-0.0001	0.0014	3.62E+06	0.114	1990.530	2200	0	7125	0.0015	-0.0002	0.0011	7.00E+06	0.233	2078.650	4199	0	11839	0.0017	-0.0003	0.0011	9.48E+06	0.233	2208.810	6199	0	14312	0.0016	-0.0003	0.0010	1.02E+07	0.228
1645.230	1200	0	3983	0.0016	-0.0001	0.0014	3.65E+06	0.109	1991.530	2199	0	7187	0.0015	-0.0002	0.0011	7.01E+06	0.234	2079.650	4198	0	11885	0.0017	-0.0003	0.0011	9.46E+06	0.234	2209.810	6200	0	14374	0.0016	-0.0003	0.0010	1.02E+07	0.232
1646.230	1200	0	3983	0.0016	-0.0001	0.0014	3.68E+06	0.109	1992.530	2199	0	7218	0.0015	-0.0002	0.0011	7.02E+06	0.230	2080.650	4200	0	11932	0.0017	-0.0003	0.0011	9.46E+06	0.235	2210.810	6200	0	14436	0.0017	-0.0003	0.0010	1.01E+07	0.231
1647.230	1200	0	3998	0.0016	-0.0001	0.0014	3.71E+06	0.110	1993.530	2201	0	7280	0.0016	-0.0002	0.0011	7.05E+06	0.233	2081.650	4201	0	11979	0.0018	-0.0003	0.0011	9.48E+06	0.238	2211.810	6200	0	14514	0.0017	-0.0003	0.0011	1.01E+07	0.227
1648.230	1200	0	4045	0.0016	-0.0001	0.0014	3.72E+06	0.109	1994.530	2200	0	7358	0.0016	-0.0002	0.0011	7.05E+06	0.234	2082.650	4201	0	12010	0.0018	-0.0003	0.0011	9.48E+06	0.235	2212.800	6199	0	14561	0.0017	-0.0003	0.0010	1.01E+07	0.229
1649.230	1201	0	4029	0.0016	-0.0001	0.0014	3.74E+06	0.106	1995.530	2201	0	7374	0.0016	-0.0002	0.0011	7.08E+06	0.233	2083.650	4201	0	12072	0.0018	-0.0003	0.0011	9.53E+06	0.234	2213.800	6199	0	14608	0.0017	-0.0003	0.0011	1.02E+07	0.232
1650.230	1200	0	4045	0.0016	-0.0001	0.0014	3.75E+06	0.116	1996.530	2200	0	7389	0.0016	-0.0002	0.0011	7.08E+06	0.234	2084.650	4201	0	12119	0.0018	-0.0003	0.0011	9.51E+06	0.237	2214.800	6200	0	14639	0.0017	-0.0003	0.0011	1.02E+07	0.236
1651.230	1201	0	4060	0.0016	-0.0001	0.0014	3.82E+06	0.118	1997.530	2200	0	7436	0.0016	-0.0002	0.0011	7.10E+06	0.237	2085.650	4201	0	12134	0.0018	-0.0003	0.0011	9.52E+06	0.238	2215.800	6202	0	14685	0.0017	-0.0003	0.0011	1.02E+07	0.236
1652.220	1200	0	4091	0.0016	-0.0001	0.0014	3.84E+06	0.122	1998.530	2200	0	7483	0.0016	-0.0002	0.0011	7.11E+06	0.240	2086.650	4201	0	12196	0.0018	-0.0003	0.0011	9.52E+06	0.240	2216.800	6199	0	14732	0.0017	-0.0003	0.0011	1.02E+07	0.235
1653.220	1199	0	4076	0.0016	-0.0001	0.0014	3.85E+06	0.121	1999.530	2200	0	7576	0.0016	-0.0002	0.0011	7.09E+06	0.237	2087.640	4200	0	12243	0.0018	-0.0003	0.0011	9.52E+06	0.238	2217.800	6199	0	14810	0.0017	-0.0003	0.0011	1.03E+07	0.240
1654.220	1201	0	4154	0.0016	-0.0001	0.0014	3.88E+06	0.129	2000.530	2202	0	7592	0.0016	-0.0003	0.0011	7.03E+06	0.236	2088.640	4200	0	12305	0.0018	-0.0003	0.0012	9.47E+06	0.237	2218.800	6201	0	14903	0.0017	-0.0003	0.0011	1.02E+07	0.240
1655.220	1202	0	4169	0.0016	-0.0001	0.0014	3.87E+06	0.129	2001.520	2200	0	7638	0.0016	-0.0002	0.0011	7.02E+06	0.238	2089.640	4201	0	12352	0.0018	-0.0003	0.0011	9.52E+06	0.240	2219.800	6199	0	14888	0.0017	-0.0003	0.0011	1.03E+07	0.241
1656.220	1201	0	4154	0.0016	-0.0001	0.0015	3.85E+06	0.133	2002.520	2200	0	7685	0.0016	-0.0002	0.0011	6.99E+06	0.233	2090.640	4200	0	12383	0.0018	-0.0003	0.0012	9.54E+06	0.243	2220.800	6200	0	14965	0.0017	-0.0003	0.0011	1.03E+07	0.235
1657.220	1199	0	4185	0.0016	-0.0001	0.0014	3.86E+06	0.130	2003.520	2202	0	7700	0.0016	-0.0003	0.0011	6.99E+06	0.231	2091.640	4201	0	12414	0.0018	-0.0003	0.0012	9.55E+06	0.245	2221.800	6200	0	14997	0.0017	-0.0003	0.0011	1.03E+07	0.235
1658.220	1199	0	4185	0.0016	-0.0001	0.0014	3.86E+06	0.134	2004.520	2201	0	7747	0.0016	-0.0002	0.0011	7.00E+06	0.231	2092.640	4201	0	12492	0.0018	-0.0003	0.0012	9.54E+06	0.244	2222.800	6200	0	15043	0.0017	-0.0003	0.0011	1.02E+07	0.234
1659.220	1200	0	4185	0.0016	-0.0001	0.0014	3.86E+06	0.131	2005.520	2200	0	7778	0.0016	-0.0002	0.0011	6.94E+06	0.234	2093.640	4201	0	12508	0.0018	-0.0003	0.0012	9.44E+06	0.244	2223.800	6199	0	15090	0.0017	-0.0003	0.0011	1.02E+07	0.234
1660.220	1200	0	4231	0.0017	-0.0001	0.0015	3.88E+06	0.132	2006.520	2200	0	7825	0.0016	-0.0002	0.0011	6.91E+06	0.229	2094.640	4200	0	12554	0.0018	-0.0003	0.0012	9.43E+06	0.247	2224.800	6200	0	15121	0.0017	-0.0003	0.0011	1.01E+07	0.236
1661.220	1201	0	4231	0.0017	-0.0001	0.0015	3.90E+06	0.128	2007.520	2200	0	7856	0.0017	-0.0003	0.0012	6.95E+06	0.227	2095.640	4201	0	12601	0.0018	-0.0003	0.0012	9.44E+06	0.248	2225.800	6200	0	15183	0.0017	-0.0003	0.0011	1.01E+07	0.239
1662.220	1200	0	4278	0.0017	-0.0001	0.0014	3.90E+06	0.123	2008.520	2200	0	7903	0.0016	-0.0002	0.0012	6.96E+06	0.231	2096.640	4199	0	12632	0.0018	-0.0003	0.0012	9										

1706.210	1199	0	5211	0.0019	-0.0001	0.0016	4.25E+06	0.143	2052.510	2202	0	9396	0.0018	-0.0003	0.0012	7.54E+06	0.249	2140.630	4200	0	14685	0.0020	-0.0004	0.0013	9.75E+06	0.258	2270.790	6200	0	17750	0.0020	-0.0004	0.0012	1.09E+07	0.276
1707.210	1199	0	5227	0.0019	-0.0001	0.0016	4.21E+06	0.145	2053.510	2199	0	9443	0.0018	-0.0003	0.0012	7.51E+06	0.248	2141.630	4200	0	14701	0.0020	-0.0004	0.0013	9.76E+06	0.263	2271.790	6199	0	17797	0.0020	-0.0004	0.0012	1.10E+07	0.273
1708.210	1200	0	5258	0.0019	-0.0001	0.0016	4.23E+06	0.147	2054.510	2201	0	9474	0.0019	-0.0003	0.0013	7.45E+06	0.245	2142.630	4200	0	14779	0.0020	-0.0004	0.0013	9.74E+06	0.263	2272.790	6200	0	17843	0.0020	-0.0004	0.0012	1.10E+07	0.267
1709.210	1201	0	5258	0.0019	-0.0001	0.0016	4.25E+06	0.151	2055.510	2200	0	9505	0.0019	-0.0003	0.0013	7.49E+06	0.242	2143.630	4200	0	14825	0.0021	-0.0004	0.0013	9.70E+06	0.261	2273.790	6200	0	17875	0.0020	-0.0004	0.0012	1.10E+07	0.263
1710.210	1202	0	5274	0.0019	-0.0001	0.0016	4.23E+06	0.144	2056.510	2200	0	9552	0.0019	-0.0003	0.0013	7.46E+06	0.245	2144.630	4200	0	14857	0.0020	-0.0004	0.0013	9.64E+06	0.261	2274.790	6199	0	17906	0.0020	-0.0004	0.0012	1.10E+07	0.262
1711.210	1200	0	5305	0.0019	-0.0001	0.0016	4.27E+06	0.146	2057.510	2201	0	9552	0.0019	-0.0003	0.0013	7.47E+06	0.242	2145.630	4200	0	14903	0.0021	-0.0004	0.0013	9.67E+06	0.263	2275.780	6200	0	17952	0.0020	-0.0004	0.0012	1.09E+07	0.265
1712.210	1200	0	5320	0.0019	-0.0001	0.0016	4.30E+06	0.147	2058.510	2200	0	9614	0.0019	-0.0003	0.0013	7.50E+06	0.239	2146.630	4200	0	14965	0.0021	-0.0004	0.0013	9.70E+06	0.263	2276.780	6199	0	18015	0.0020	-0.0004	0.0012	1.08E+07	0.268
1713.210	1200	0	5336	0.0019	-0.0001	0.0016	4.30E+06	0.148	2059.510	2201	0	9661	0.0019	-0.0003	0.0013	7.46E+06	0.242	2147.630	4201	0	15012	0.0021	-0.0004	0.0013	9.72E+06	0.266	2277.780	6199	0	18046	0.0020	-0.0004	0.0012	1.06E+07	0.263
1714.210	1199	0	5367	0.0019	-0.0002	0.0016	4.28E+06	0.153	2060.510	2200	0	9676	0.0019	-0.0003	0.0013	7.43E+06	0.241	2148.630	4200	0	15059	0.0021	-0.0004	0.0013	9.79E+06	0.266	2278.780	6201	0	18077	0.0020	-0.0004	0.0012	1.06E+07	0.272
1715.200	1202	0	5383	0.0019	-0.0002	0.0016	4.32E+06	0.158	2061.510	2201	0	9707	0.0019	-0.0003	0.0013	7.51E+06	0.240	2149.620	4200	0	15121	0.0021	-0.0004	0.0013	9.80E+06	0.268	2279.780	6199	0	18108	0.0020	-0.0004	0.0012	1.07E+07	0.267
1716.200	1201	0	5414	0.0020	-0.0001	0.0017	4.31E+06	0.155	2062.510	2199	0	9754	0.0019	-0.0003	0.0013	7.51E+06	0.241	2150.620	4200	0	15152	0.0021	-0.0004	0.0013	9.83E+06	0.270	2280.780	6199	0	18155	0.0020	-0.0004	0.0012	1.07E+07	0.268
1717.200	1201	0	5429	0.0019	-0.0002	0.0016	4.35E+06	0.154	2063.500	2200	0	9770	0.0019	-0.0003	0.0013	7.49E+06	0.244	2151.620	4200	0	15183	0.0021	-0.0004	0.0013	9.84E+06	0.269	2281.780	6199	0	18201	0.0020	-0.0004	0.0012	1.07E+07	0.270
1718.200	1201	0	5445	0.0019	-0.0001	0.0017	4.36E+06	0.157	2064.500	2201	0	9832	0.0019	-0.0003	0.0013	7.57E+06	0.245	2152.620	4200	0	15261	0.0021	-0.0004	0.0013	9.82E+06	0.270	2282.780	6199	0	18263	0.0020	-0.0004	0.0012	1.06E+07	0.275
1719.200	1200	0	5460	0.0020	-0.0001	0.0017	4.34E+06	0.152	2065.500	2201	0	9863	0.0019	-0.0003	0.0013	7.56E+06	0.247	2153.620	4200	0	15261	0.0021	-0.0004	0.0013	9.81E+06	0.268	2283.780	6200	0	18310	0.0020	-0.0004	0.0012	1.06E+07	0.269
1720.200	1201	0	5507	0.0020	-0.0001	0.0017	4.36E+06	0.155	2066.500	2201	0	9863	0.0019	-0.0003	0.0013	7.54E+06	0.248	2154.620	4201	0	15339	0.0021	-0.0004	0.0013	9.78E+06	0.268	2284.780	6200	0	18372	0.0020	-0.0004	0.0012	1.05E+07	0.258
1721.200	1201	0	5523	0.0020	-0.0001	0.0017	4.39E+06	0.153	2067.500	2200	0	9941	0.0019	-0.0003	0.0013	7.59E+06	0.250	2155.620	4201	0	15354	0.0021	-0.0004	0.0013	9.89E+06	0.270	2285.780	6200	0	18388	0.0020	-0.0004	0.0012	1.05E+07	0.264
1722.200	1201	0	5523	0.0020	-0.0001	0.0017	4.39E+06	0.157	2068.500	2201	0	9941	0.0019	-0.0003	0.0013	7.60E+06	0.249	2156.620	4200	0	15401	0.0021	-0.0004	0.0013	9.96E+06	0.271	2286.780	6199	0	18403	0.0020	-0.0004	0.0012	1.05E+07	0.262
1723.200	1200	0	5569	0.0020	-0.0001	0.0017	4.41E+06	0.154	2069.500	2201	0	9972	0.0019	-0.0003	0.0013	7.61E+06	0.251	2157.620	4200	0	15463	0.0021	-0.0004	0.0013	1.00E+07	0.274	2287.780	6200	0	18497	0.0020	-0.0004	0.0012	1.05E+07	0.269
1724.200	1199	0	5569	0.0020	-0.0001	0.0017	4.42E+06	0.152	2070.500	2200	0	10018	0.0019	-0.0003	0.0013	7.66E+06	0.254	2158.620	4199	0	15510	0.0021	-0.0004	0.0013	1.00E+07	0.272	2288.780	6201	0	18512	0.0020	-0.0004	0.0012	1.05E+07	0.265
1725.200	1202	0	5616	0.0020	-0.0002	0.0017	4.39E+06	0.159	2071.500	2201	0	10050	0.0019	-0.0003	0.0013	7.66E+06	0.256	2159.620	4200	0	15557	0.0021	-0.0004	0.0013	9.97E+06	0.273	2289.780	6199	0	18575	0.0020	-0.0004	0.0012	1.06E+07	0.260
1726.200	1201	0	5616	0.0020	-0.0002	0.0017	4.43E+06	0.157	2072.500	2201	0	10065	0.0019	-0.0003	0.0013	7.62E+06	0.256	2160.620	4200	0	15588	0.0021	-0.0004	0.0013	9.95E+06	0.274	2290.780	6199	0	18606	0.0021	-0.0004	0.0012	1.05E+07	0.269
1727.200	1202	0	5663	0.0020	-0.0002	0.0017	4.48E+06	0.167	2073.500	2200	0	10127	0.0019	-0.0003	0.0013	7.70E+06	0.257	2161.620	4202	0	15681	0.0021	-0.0004	0.0013	9.99E+06	0.276	2291.780	6200	0	18668	0.0021	-0.0004	0.0012	1.06E+07	0.261
1728.200	1200	0	5678	0.0020	-0.0002	0.0017	4.53E+06	0.176	2074.500	2201	0	10158	0.0019	-0.0003	0.0013	7.71E+06	0.255	2162.620	4201	0	15712	0.0021	-0.0004	0.0013	1.01E+07	0.278	2292.780	6200	0	18668	0.0021	-0.0004	0.0013	1.06E+07	0.259
1729.200	1200	0	5709	0.0020	-0.0002	0.0017	4.56E+06	0.182	2075.500	2200	0	10174	0.0019	-0.0003	0.0013	7.73E+06	0.254	2163.620	4201	0	15728	0.0021	-0.0004	0.0013	1.01E+07	0.276	2293.780	6200	0	18746	0.0021	-0.0004	0.0012	1.06E+07	0.251
1730.200	1200	0	5725	0.0020	-0.0002	0.0017	4.58E+06	0.181	2076.500	2201	0	10221	0.0019	-0.0003	0.0013	7.78E+06	0.256	2164.620	4200	0	15774	0.0021	-0.0004	0.0013	1.01E+07	0.279	2294.780	6200	0	18792	0.0021	-0.0004	0.0012	1.06E+07	0.254
1731.200	1201	0	5740	0.0020	-0.0001	0.0017	4.61E+06	0.184	2077.500	2202	0	10252	0.0019	-0.0003	0.0013	7.81E+06	0.259	2165.620	4200	0	15821	0.0022	-0.0004	0.0013	1.00E+07	0.282	2295.780	6199	0	18808	0.0021	-0.0004	0.0012	1.07E+07	0.255
1732.200	1200	0	5772	0.0020	-0.0002	0.0017	4.62E+06	0.179	2078.500	2201	0	10283	0.0020	-0.0003	0.0013	7.83E+06	0.258	2166.620	4199	0	15868	0.0022	-0.0004	0.0013	9.90E+06	0.285	2296.780	6199	0	18855	0.0021	-0.0004	0.0013	1.07E+07	0.259
1733.200	1201	0	5803	0.0020	-0.0002	0.0017	4.65E+06	0.175	2079.500	2200	0	10345	0.0020	-0.0003	0.0013	7.90E+06	0.259	2167.620	4201	0	15946	0.0022	-0.0004	0.0013	9.78E+06	0.285	2297.780	6200	0	18917	0.0021	-0.0004	0.0013	1.07E+07	0.252
1734.200	1201	0	5818	0.0020	-0.0002	0.0017	4.66E+06	0.175	2080.500	2200	0	10361	0.0020	-0.0003	0.0013	7.89E+06	0.260	2168.620	4199	0	15992	0.0022	-0.0004	0.0013	9.64E+06	0.286	2298.780	6199	0	18963	0.0021	-0.0004	0.0013	1.08E+07	0.252
1735.200	1201	0	5849	0.0021	-0.0002	0.0017	4.68E+06	0.177	2081.500	2200	0	10423	0.0020	-0.0003	0.0013	7.92E+06	0.262	2169.620	4200	0	16023	0.0022	-0.0004	0.0013	9.51E+06	0.287	2299.780	6200	0	19026	0.0021	-0.0004	0.0012	1.09E+07	0.254
1736.200	1200	0	5865	0.0020	-0.0002	0.0017	4.71E+06	0.173	2082.500	2200	0	10485	0.0020	-0.0003	0.0013	7.94E+06	0.262	2170.620	4201	0	16086	0.0022	-0.0004	0.0013	9.37E+06	0.290	2300.780	6200	0	19072	0.0021	-0.0004	0.0013	1.09E+07	0.256
1737.200	1199	0	5912	0.0020	-0.0002	0.0017	4.69E+06	0.173	2083.500	2200	0	10470	0.0020	-0.0003	0.0013	7.95E+06	0.262	2171.620	4201	0	16148	0.0022	-0.0004	0.0014	9.26E+06	0.291	2301.780	6200	0	19119	0.0021	-0.0004	0.0012	1.08E+07	0.251
1738.200	1201	0	5927	0.0021	-0.0002	0.0017	4.72E+06	0.171	2084.500	2200	0	10516	0.0020	-0.0003	0.0013	8.00E+06	0.263	2172.620	4201	0	16194	0.0022	-0.0004												

1782.180	1201	0	6969	0.0023	-0.0002	0.0019	5.32E+06	0.158	2128.480	2200	0	12352	0.0022	-0.0004	0.0014	8.65E+06	0.288	2216.600	4202	0	18979	0.0025	-0.0005	0.0015	1.22E+07	0.279	2346.760	6199	0	21484	0.0023	-0.0005	0.0014	1.09E+07	0.263
1783.180	1201	0	7016	0.0023	-0.0002	0.0019	5.35E+06	0.152	2129.480	2201	0	12430	0.0022	-0.0004	0.0014	8.66E+06	0.288	2217.600	4200	0	19041	0.0025	-0.0005	0.0015	1.22E+07	0.281	2347.760	6200	0	21546	0.0023	-0.0005	0.0013	1.08E+07	0.263
1784.180	1200	0	7047	0.0023	-0.0002	0.0019	5.40E+06	0.151	2130.480	2200	0	12492	0.0022	-0.0004	0.0014	8.72E+06	0.288	2218.600	4198	0	19119	0.0025	-0.0005	0.0015	1.21E+07	0.280	2348.760	6200	0	21608	0.0023	-0.0005	0.0013	1.09E+07	0.262
1785.180	1200	0	7078	0.0023	-0.0002	0.0019	5.39E+06	0.153	2131.480	2201	0	12539	0.0022	-0.0004	0.0014	8.71E+06	0.287	2219.600	4198	0	19197	0.0025	-0.0005	0.0015	1.20E+07	0.279	2349.760	6199	0	21686	0.0023	-0.0005	0.0014	1.10E+07	0.258
1786.180	1201	0	7109	0.0023	-0.0002	0.0019	5.43E+06	0.158	2132.480	2201	0	12570	0.0022	-0.0004	0.0014	8.75E+06	0.287	2220.600	4201	0	19166	0.0025	-0.0005	0.0015	1.19E+07	0.281	2350.760	6200	0	21733	0.0023	-0.0005	0.0014	1.10E+07	0.257
1787.180	1201	0	7141	0.0023	-0.0002	0.0019	5.49E+06	0.158	2133.480	2201	0	12632	0.0022	-0.0004	0.0014	8.73E+06	0.287	2221.600	4202	0	19166	0.0025	-0.0005	0.0015	1.17E+07	0.283	2351.760	6200	0	21779	0.0024	-0.0005	0.0014	1.10E+07	0.264
1788.180	1202	0	7187	0.0023	-0.0002	0.0019	5.47E+06	0.163	2134.480	2200	0	12679	0.0022	-0.0004	0.0014	8.74E+06	0.286	2222.600	4199	0	19181	0.0025	-0.0005	0.0015	1.16E+07	0.284	2352.760	6199	0	21826	0.0024	-0.0005	0.0014	1.11E+07	0.265
1789.180	1199	0	7234	0.0023	-0.0002	0.0019	5.50E+06	0.162	2135.480	2200	0	12725	0.0022	-0.0004	0.0014	8.74E+06	0.286	2223.600	4201	0	19212	0.0025	-0.0005	0.0015	1.14E+07	0.285	2353.760	6200	0	21904	0.0023	-0.0005	0.0014	1.10E+07	0.265
1790.180	1201	0	7234	0.0023	-0.0002	0.0019	5.52E+06	0.163	2136.480	2200	0	12756	0.0022	-0.0004	0.0014	8.77E+06	0.289	2224.600	4198	0	19228	0.0025	-0.0005	0.0015	1.11E+07	0.286	2354.760	6200	0	21981	0.0023	-0.0005	0.0014	1.10E+07	0.265
1791.180	1200	0	7249	0.0023	-0.0002	0.0019	5.53E+06	0.161	2137.480	2200	0	12834	0.0022	-0.0004	0.0014	8.74E+06	0.287	2225.600	4199	0	19244	0.0025	-0.0005	0.0015	1.08E+07	0.288	2355.760	6199	0	22013	0.0024	-0.0005	0.0014	1.10E+07	0.266
1792.180	1201	0	7312	0.0023	-0.0002	0.0019	5.55E+06	0.153	2138.480	2201	0	12865	0.0023	-0.0004	0.0014	8.71E+06	0.285	2226.600	4200	0	19244	0.0025	-0.0005	0.0015	1.06E+07	0.291	2356.760	6199	0	22059	0.0024	-0.0005	0.0014	1.09E+07	0.267
1793.180	1201	0	7327	0.0023	-0.0002	0.0019	5.58E+06	0.153	2139.480	2201	0	12912	0.0023	-0.0004	0.0014	8.72E+06	0.285	2227.600	4200	0	19290	0.0025	-0.0005	0.0015	1.04E+07	0.292	2357.760	6199	0	22106	0.0024	-0.0005	0.0014	1.09E+07	0.260
1794.180	1200	0	7374	0.0023	-0.0002	0.0019	5.58E+06	0.156	2140.480	2201	0	12974	0.0023	-0.0004	0.0014	8.72E+06	0.283	2228.600	4201	0	19306	0.0025	-0.0005	0.0015	1.02E+07	0.298	2358.760	6200	0	22184	0.0024	-0.0005	0.0014	1.10E+07	0.260
1795.180	1200	0	7405	0.0023	-0.0002	0.0019	5.63E+06	0.160	2141.480	2199	0	12974	0.0023	-0.0004	0.0014	8.69E+06	0.284	2229.600	4200	0	19306	0.0025	-0.0005	0.0015	1.02E+07	0.298	2359.760	6198	0	22199	0.0024	-0.0005	0.0014	1.09E+07	0.264
1796.180	1201	0	7421	0.0023	-0.0002	0.0019	5.67E+06	0.158	2142.480	2201	0	13036	0.0023	-0.0004	0.0014	8.73E+06	0.283	2230.600	4200	0	19368	0.0025	-0.0005	0.0015	1.03E+07	0.298	2360.760	6199	0	22277	0.0024	-0.0005	0.0014	1.09E+07	0.267
1797.180	1200	0	7436	0.0023	-0.0002	0.0019	5.63E+06	0.156	2143.480	2201	0	13083	0.0023	-0.0004	0.0014	8.73E+06	0.282	2231.600	4199	0	19368	0.0025	-0.0005	0.0015	1.03E+07	0.300	2361.760	6199	0	22324	0.0024	-0.0005	0.0014	1.10E+07	0.270
1798.180	1202	0	7483	0.0024	-0.0002	0.0019	5.58E+06	0.161	2144.480	2201	0	13130	0.0023	-0.0004	0.0015	8.76E+06	0.280	2232.600	4199	0	19399	0.0025	-0.0005	0.0015	1.02E+07	0.299	2362.760	6199	0	22417	0.0024	-0.0005	0.0014	1.10E+07	0.270
1799.180	1201	0	7514	0.0024	-0.0002	0.0020	5.60E+06	0.163	2145.480	2201	0	13130	0.0023	-0.0004	0.0015	8.86E+06	0.283	2233.600	4200	0	19461	0.0025	-0.0005	0.0015	1.03E+07	0.302	2363.760	6199	0	22433	0.0024	-0.0005	0.0014	1.09E+07	0.269
1800.180	1201	0	7561	0.0024	-0.0002	0.0019	5.59E+06	0.162	2146.480	2201	0	13208	0.0023	-0.0004	0.0015	8.88E+06	0.281	2234.600	4201	0	19461	0.0025	-0.0005	0.0015	1.04E+07	0.300	2364.760	6201	0	22495	0.0024	-0.0005	0.0014	1.09E+07	0.278
1801.180	1200	0	7561	0.0024	-0.0002	0.0020	5.60E+06	0.166	2147.480	2201	0	13254	0.0023	-0.0004	0.0014	8.87E+06	0.280	2235.600	4200	0	19508	0.0025	-0.0005	0.0015	1.04E+07	0.300	2365.760	6199	0	22541	0.0024	-0.0005	0.0014	1.09E+07	0.277
1802.180	1199	0	7607	0.0024	-0.0002	0.0019	5.59E+06	0.167	2148.480	2201	0	13285	0.0023	-0.0004	0.0015	8.85E+06	0.279	2236.600	4200	0	19539	0.0025	-0.0005	0.0015	1.04E+07	0.302	2366.760	6199	0	22588	0.0024	-0.0005	0.0014	1.09E+07	0.285
1803.180	1199	0	7638	0.0024	-0.0002	0.0020	5.54E+06	0.168	2149.480	2200	0	13332	0.0023	-0.0004	0.0015	8.81E+06	0.277	2237.600	4201	0	19539	0.0025	-0.0005	0.0015	1.04E+07	0.302	2367.760	6199	0	22682	0.0024	-0.0005	0.0014	1.09E+07	0.287
1804.180	1201	0	7654	0.0024	-0.0002	0.0019	5.57E+06	0.164	2150.480	2200	0	13363	0.0023	-0.0004	0.0015	8.81E+06	0.278	2238.600	4200	0	19617	0.0025	-0.0005	0.0015	1.04E+07	0.302	2368.760	6199	0	22682	0.0024	-0.0005	0.0014	1.09E+07	0.299
1805.180	1201	0	7685	0.0024	-0.0002	0.0020	5.57E+06	0.161	2151.480	2201	0	13394	0.0023	-0.0004	0.0015	8.79E+06	0.279	2239.600	4202	0	19632	0.0025	-0.0005	0.0015	1.05E+07	0.305	2369.750	6199	0	22759	0.0025	-0.0005	0.0014	1.09E+07	0.304
1806.180	1200	0	7716	0.0024	-0.0002	0.0020	5.54E+06	0.163	2152.480	2199	0	13425	0.0023	-0.0004	0.0015	8.81E+06	0.280	2240.600	4199	0	19664	0.0025	-0.0005	0.0015	1.05E+07	0.309	2370.750	6201	0	22822	0.0024	-0.0005	0.0014	1.09E+07	0.302
1807.180	1201	0	7716	0.0024	-0.0002	0.0020	5.54E+06	0.161	2153.480	2199	0	13472	0.0023	-0.0004	0.0015	8.80E+06	0.280	2241.600	4200	0	19726	0.0025	-0.0005	0.0015	1.05E+07	0.306	2371.750	6199	0	22868	0.0024	-0.0005	0.0014	1.09E+07	0.305
1808.180	1200	0	7778	0.0024	-0.0002	0.0020	5.56E+06	0.166	2154.480	2200	0	13519	0.0023	-0.0004	0.0015	8.81E+06	0.278	2242.600	4200	0	19741	0.0025	-0.0005	0.0015	1.06E+07	0.310	2372.750	6199	0	22899	0.0024	-0.0005	0.0014	1.08E+07	0.296
1809.170	1199	0	7809	0.0024	-0.0002	0.0020	5.55E+06	0.163	2155.480	2200	0	13565	0.0023	-0.0004	0.0015	8.78E+06	0.279	2243.590	4202	0	19788	0.0025	-0.0005	0.0015	1.07E+07	0.314	2373.750	6200	0	22930	0.0024	-0.0005	0.0014	1.09E+07	0.300
1810.170	1201	0	7809	0.0024	-0.0002	0.0020	5.58E+06	0.161	2156.480	2201	0	13659	0.0024	-0.0004	0.0015	8.75E+06	0.277	2244.590	4202	0	19819	0.0025	-0.0005	0.0015	1.07E+07	0.315	2374.750	6200	0	23008	0.0024	-0.0005	0.0014	1.09E+07	0.301
1811.170	1200	0	7856	0.0024	-0.0002	0.0020	5.60E+06	0.162	2157.470	2201	0	13643	0.0023	-0.0004	0.0015	8.76E+06	0.278	2245.590	4200	0	19850	0.0025	-0.0005	0.0015	1.07E+07	0.311	2375.750	6199	0	23055	0.0025	-0.0005	0.0014	1.08E+07	0.301
1812.170	1200	0	7903	0.0024	-0.0002	0.0020	5.59E+06	0.160	2158.470	2199	0	13721	0.0024	-0.0004	0.0015	8.75E+06	0.279	2246.590	4200	0	19897	0.0025	-0.0005	0.0015	1.07E+07	0.311	2376.750	6201	0	23102	0.0025	-0.0005	0.0014	1.09E+07	0.301
1813.170	1200	0	7918	0.0024	-0.0002	0.0020	5.61E+06	0.162	2159.470	2200	0	13752	0.0023	-0.0004	0.0015	8.72E+06	0.278	2247.590	4199	0	19928	0.0025	-0.0005	0.0015	1.07E+07	0.308	2377.750	6201	0	23133	0.0025	-0.0005	0.0014	1.08E+07	0.294
1814.170	1200	0	7918	0.0024	-0.0002	0.0020	5.65E+06	0.160	2160.470	2201	0	13768	0.0024	-0.0004	0.0015	8.72E+06	0.277	2248.590	4201	0	19975	0													



1858.160	1202	0	9147	0.0026	-0.0003	0.0021	6.44E+06	0.215	2204.460	2200	0	15650	0.0026	-0.0005	0.0016	9.14E+06	0.333	2292.580	4199	0	22433	0.0028	-0.0006	0.0016	1.04E+07	0.312	2422.740	6201	0	25466	0.0027	-0.0006	0.0015	1.10E+07	0.325
1859.160	1201	0	9241	0.0027	-0.0003	0.0021	6.50E+06	0.218	2205.460	2201	0	15759	0.0026	-0.0005	0.0016	9.23E+06	0.332	2293.580	4201	0	22510	0.0028	-0.0006	0.0016	1.04E+07	0.315	2423.740	6199	0	25388	0.0027	-0.0006	0.0015	1.10E+07	0.321
1860.160	1201	0	9241	0.0026	-0.0003	0.0021	6.48E+06	0.215	2206.460	2201	0	15805	0.0026	-0.0005	0.0016	9.26E+06	0.330	2294.580	4202	0	22588	0.0028	-0.0006	0.0016	1.04E+07	0.318	2424.740	6199	0	25357	0.0027	-0.0006	0.0015	1.10E+07	0.318
1861.160	1200	0	9272	0.0027	-0.0003	0.0021	6.49E+06	0.212	2207.460	2199	0	15852	0.0026	-0.0005	0.0016	9.34E+06	0.330	2295.580	4200	0	22619	0.0028	-0.0006	0.0016	1.04E+07	0.317	2425.740	6199	0	25388	0.0027	-0.0006	0.0015	1.10E+07	0.317
1862.160	1200	0	9303	0.0026	-0.0003	0.0021	6.51E+06	0.211	2208.460	2200	0	16101	0.0026	-0.0005	0.0016	9.40E+06	0.328	2296.580	4200	0	22713	0.0028	-0.0006	0.0016	1.03E+07	0.316	2426.740	6200	0	25840	0.0027	-0.0006	0.0015	1.10E+07	0.320
1863.160	1200	0	9365	0.0027	-0.0003	0.0021	6.44E+06	0.211	2209.460	2201	0	16257	0.0026	-0.0005	0.0016	9.53E+06	0.327	2297.580	4200	0	22759	0.0028	-0.0006	0.0016	1.03E+07	0.318	2427.740	6201	0	26088	0.0027	-0.0006	0.0015	1.11E+07	0.323
1864.160	1200	0	9381	0.0027	-0.0003	0.0021	6.47E+06	0.209	2210.460	2200	0	16397	0.0026	-0.0005	0.0016	9.59E+06	0.326	2298.580	4202	0	22822	0.0028	-0.0006	0.0016	1.03E+07	0.315	2428.740	6199	0	26306	0.0027	-0.0006	0.0016	1.11E+07	0.318
1865.160	1201	0	9381	0.0027	-0.0003	0.0021	6.50E+06	0.209	2211.460	2201	0	16506	0.0027	-0.0005	0.0016	9.69E+06	0.324	2299.580	4199	0	22868	0.0028	-0.0006	0.0016	1.03E+07	0.313	2429.740	6200	0	26462	0.0028	-0.0006	0.0016	1.12E+07	0.314
1866.160	1201	0	9427	0.0027	-0.0003	0.0022	6.48E+06	0.208	2212.460	2200	0	16599	0.0027	-0.0005	0.0016	9.79E+06	0.323	2300.580	4200	0	22899	0.0028	-0.0006	0.0016	1.03E+07	0.314	2430.740	6200	0	26524	0.0028	-0.0006	0.0015	1.13E+07	0.307
1867.160	1202	0	9458	0.0027	-0.0003	0.0022	6.50E+06	0.210	2213.460	2202	0	16692	0.0027	-0.0005	0.0016	9.82E+06	0.324	2301.580	4199	0	22977	0.0028	-0.0006	0.0016	1.03E+07	0.315	2431.730	6201	0	26524	0.0028	-0.0006	0.0016	1.13E+07	0.311
1868.160	1200	0	9474	0.0027	-0.0003	0.0021	6.51E+06	0.211	2214.460	2201	0	16801	0.0027	-0.0005	0.0016	9.88E+06	0.322	2302.580	4201	0	23055	0.0028	-0.0006	0.0016	1.02E+07	0.314	2432.730	6199	0	26571	0.0028	-0.0006	0.0015	1.12E+07	0.310
1869.160	1199	0	9536	0.0027	-0.0003	0.0021	6.51E+06	0.213	2215.460	2201	0	16894	0.0027	-0.0005	0.0016	9.99E+06	0.321	2303.580	4200	0	23086	0.0028	-0.0006	0.0016	1.02E+07	0.314	2433.730	6201	0	26617	0.0028	-0.0006	0.0016	1.13E+07	0.311
1870.160	1202	0	9614	0.0027	-0.0003	0.0022	6.56E+06	0.216	2216.460	2198	0	16941	0.0027	-0.0005	0.0016	1.01E+07	0.316	2304.580	4200	0	23133	0.0029	-0.0006	0.0016	1.02E+07	0.313	2434.730	6200	0	26648	0.0028	-0.0006	0.0015	1.15E+07	0.305
1871.150	1201	0	9676	0.0027	-0.0003	0.0022	6.57E+06	0.220	2217.460	2200	0	16879	0.0027	-0.0005	0.0016	1.03E+07	0.316	2305.570	4200	0	23179	0.0029	-0.0006	0.0016	1.02E+07	0.310	2435.730	6200	0	26711	0.0028	-0.0006	0.0015	1.16E+07	0.305
1872.150	1200	0	9738	0.0027	-0.0003	0.0022	6.54E+06	0.218	2218.460	2201	0	16786	0.0027	-0.0005	0.0016	1.04E+07	0.316	2306.570	4200	0	23242	0.0029	-0.0006	0.0016	1.02E+07	0.314	2436.730	6200	0	26726	0.0028	-0.0006	0.0016	1.18E+07	0.295
1873.150	1201	0	9816	0.0027	-0.0003	0.0022	6.58E+06	0.217	2219.450	2199	0	16739	0.0027	-0.0005	0.0016	1.05E+07	0.315	2307.570	4199	0	23273	0.0029	-0.0006	0.0016	1.03E+07	0.313	2437.730	6199	0	26788	0.0028	-0.0006	0.0016	1.19E+07	0.290
1874.150	1200	0	9863	0.0027	-0.0003	0.0022	6.61E+06	0.217	2220.450	2200	0	16723	0.0027	-0.0005	0.0016	1.05E+07	0.314	2308.570	4199	0	23366	0.0029	-0.0006	0.0016	1.02E+07	0.312	2438.730	6199	0	26820	0.0028	-0.0006	0.0016	1.20E+07	0.284
1875.150	1201	0	9910	0.0027	-0.0003	0.0022	6.61E+06	0.220	2221.450	2201	0	16677	0.0027	-0.0005	0.0016	1.06E+07	0.311	2309.570	4200	0	23428	0.0029	-0.0006	0.0016	1.02E+07	0.316	2439.730	6201	0	26866	0.0028	-0.0006	0.0015	1.21E+07	0.279
1876.150	1202	0	9972	0.0028	-0.0003	0.0022	6.61E+06	0.222	2222.450	2201	0	16661	0.0027	-0.0005	0.0016	1.06E+07	0.310	2310.570	4201	0	23459	0.0029	-0.0006	0.0016	1.03E+07	0.318	2440.730	6199	0	26882	0.0028	-0.0006	0.0016	1.20E+07	0.285
1877.150	1201	0	10034	0.0028	-0.0003	0.0022	6.61E+06	0.224	2223.450	2200	0	16630	0.0027	-0.0005	0.0016	1.06E+07	0.310	2311.570	4202	0	23490	0.0029	-0.0006	0.0016	1.03E+07	0.319	2441.730	6200	0	26928	0.0028	-0.0006	0.0015	1.21E+07	0.286
1878.150	1201	0	10112	0.0028	-0.0003	0.0022	6.61E+06	0.228	2224.450	2200	0	16599	0.0027	-0.0005	0.0016	1.07E+07	0.312	2312.570	4201	0	23522	0.0029	-0.0006	0.0016	1.04E+07	0.320	2442.730	6199	0	26975	0.0028	-0.0006	0.0016	1.21E+07	0.287
1879.150	1200	0	10127	0.0028	-0.0003	0.0022	6.62E+06	0.226	2225.450	2201	0	16568	0.0027	-0.0005	0.0016	1.07E+07	0.313	2313.570	4199	0	23599	0.0029	-0.0006	0.0016	1.03E+07	0.317	2443.730	6200	0	27006	0.0028	-0.0006	0.0016	1.21E+07	0.288
1880.150	1201	0	10158	0.0028	-0.0003	0.0022	6.63E+06	0.227	2226.450	2201	0	16786	0.0027	-0.0005	0.0016	1.06E+07	0.312	2314.570	4199	0	23646	0.0029	-0.0006	0.0016	1.03E+07	0.314	2444.730	6199	0	27053	0.0028	-0.0006	0.0016	1.21E+07	0.290
1881.150	1201	0	10221	0.0028	-0.0003	0.0022	6.62E+06	0.230	2227.450	2201	0	16972	0.0027	-0.0005	0.0016	1.05E+07	0.312	2315.570	4199	0	23693	0.0029	-0.0006	0.0016	1.02E+07	0.313	2445.730	6199	0	27068	0.0028	-0.0006	0.0016	1.20E+07	0.286
1882.150	1201	0	10267	0.0028	-0.0003	0.0022	6.66E+06	0.236	2228.450	2200	0	17097	0.0027	-0.0006	0.0016	1.04E+07	0.315	2316.570	4200	0	23770	0.0029	-0.0006	0.0016	1.03E+07	0.316	2446.730	6200	0	27146	0.0028	-0.0006	0.0016	1.19E+07	0.292
1883.150	1200	0	10330	0.0028	-0.0003	0.0022	6.68E+06	0.237	2229.450	2200	0	17252	0.0027	-0.0006	0.0016	1.03E+07	0.317	2317.570	4200	0	23802	0.0029	-0.0006	0.0016	1.03E+07	0.316	2447.730	6199	0	27162	0.0028	-0.0006	0.0016	1.18E+07	0.293
1884.150	1200	0	10361	0.0028	-0.0003	0.0022	6.63E+06	0.240	2230.450	2201	0	17346	0.0027	-0.0006	0.0016	1.01E+07	0.320	2318.570	4200	0	23848	0.0029	-0.0006	0.0016	1.03E+07	0.313	2448.730	6200	0	27208	0.0028	-0.0006	0.0016	1.16E+07	0.294
1885.150	1200	0	10361	0.0028	-0.0003	0.0022	6.65E+06	0.239	2231.450	2200	0	17454	0.0027	-0.0006	0.0016	1.00E+07	0.321	2319.570	4201	0	23895	0.0029	-0.0006	0.0016	1.02E+07	0.313	2449.730	6200	0	27255	0.0028	-0.0006	0.0016	1.13E+07	0.297
1886.150	1201	0	10407	0.0028	-0.0003	0.0022	6.66E+06	0.238	2232.450	2201	0	17579	0.0027	-0.0006	0.0016	1.00E+07	0.323	2320.570	4199	0	23942	0.0029	-0.0006	0.0016	1.02E+07	0.312	2450.730	6200	0	27302	0.0028	-0.0006	0.0016	1.10E+07	0.297
1887.150	1200	0	10454	0.0028	-0.0003	0.0022	6.61E+06	0.234	2233.450	2201	0	17657	0.0028	-0.0006	0.0016	9.94E+06	0.325	2321.570	4201	0	23973	0.0029	-0.0007	0.0016	1.02E+07	0.314	2451.730	6200	0	27333	0.0028	-0.0006	0.0016	1.07E+07	0.304
1888.150	1201	0	10516	0.0029	-0.0003	0.0022	6.66E+06	0.236	2234.450	2201	0	17750	0.0028	-0.0006	0.0016	1.00E+07	0.329	2322.570	4201	0	24035	0.0029	-0.0007	0.0016	1.02E+07	0.316	2452.730	6199	0	27395	0.0028	-0.0006	0.0016	1.07E+07	0.300
1889.150	1201	0	10532	0.0029	-0.0003	0.0022	6.69E+06	0.237	2235.450	2200	0	17781	0.0028	-0.0006	0.0016	1.01E+07	0.330	2323.570	4201	0	24097	0.0029	-0.0006	0.0017	1.03E+07	0.316	2453.730	6199	0	27426	0.0029	-0.0006	0.0016	1.07E+07	0.295
1890.150	1199	0	10547	0.0029	-0.0003	0.0022	6.65E+06	0.238	2236.450	2199	0	17828	0.0028	-0.0006	0.0016	1.02E+07	0.330	2324.570	4202	0															

1934.130	1200	0	11901	0.0030	-0.0004	0.0023	7.74E+06	0.280	2280.440	2200	0	19586	0.0029	-0.0006	0.0017	1.00E+07	0.331	2368.550	4201	0	26151	0.0031	-0.0007	0.0017	1.09E+07	0.338	2498.710	6199	0	29900	0.0031	-0.0007	0.0017	1.10E+07	0.314
1935.130	1201	0	11947	0.0030	-0.0003	0.0023	7.68E+06	0.284	2281.440	2201	0	19632	0.0030	-0.0006	0.0017	9.94E+06	0.330	2369.550	4199	0	26197	0.0032	-0.0007	0.0017	1.09E+07	0.336	2499.710	6200	0	29962	0.0031	-0.0007	0.0017	1.10E+07	0.319
1936.130	1200	0	11979	0.0030	-0.0004	0.0023	7.76E+06	0.284	2282.430	2200	0	19648	0.0030	-0.0006	0.0017	9.97E+06	0.329	2370.550	4199	0	26244	0.0031	-0.0007	0.0017	1.08E+07	0.334	2500.710	6199	0	30009	0.0031	-0.0007	0.0017	1.10E+07	0.323
1937.130	1200	0	12010	0.0031	-0.0004	0.0023	7.72E+06	0.283	2283.430	2200	0	19695	0.0030	-0.0006	0.0017	9.98E+06	0.330	2371.550	4199	0	26291	0.0031	-0.0007	0.0017	1.07E+07	0.331	2501.710	6201	0	30040	0.0031	-0.0007	0.0017	1.10E+07	0.330
1938.130	1200	0	12056	0.0030	-0.0004	0.0023	7.68E+06	0.279	2284.430	2201	0	19726	0.0030	-0.0006	0.0017	9.94E+06	0.329	2372.550	4199	0	26337	0.0032	-0.0007	0.0017	1.08E+07	0.331	2502.710	6200	0	30086	0.0031	-0.0007	0.0017	1.09E+07	0.327
1939.130	1201	0	12056	0.0031	-0.0004	0.0023	7.70E+06	0.277	2285.430	2200	0	19788	0.0030	-0.0006	0.0017	9.97E+06	0.330	2373.550	4200	0	26431	0.0032	-0.0007	0.0017	1.08E+07	0.333	2503.710	6199	0	30164	0.0031	-0.0007	0.0017	1.08E+07	0.325
1940.130	1199	0	12103	0.0030	-0.0004	0.0023	7.72E+06	0.281	2286.430	2201	0	19850	0.0030	-0.0006	0.0017	1.00E+07	0.333	2374.550	4200	0	26524	0.0032	-0.0007	0.0017	1.07E+07	0.333	2504.710	6199	0	30180	0.0031	-0.0007	0.0017	1.08E+07	0.323
1941.130	1202	0	12181	0.0031	-0.0004	0.0023	7.60E+06	0.279	2287.430	2199	0	19881	0.0030	-0.0006	0.0017	9.92E+06	0.330	2375.550	4201	0	26586	0.0032	-0.0007	0.0017	1.07E+07	0.331	2505.710	6200	0	30258	0.0031	-0.0007	0.0017	1.07E+07	0.322
1942.130	1201	0	12181	0.0031	-0.0004	0.0024	7.64E+06	0.278	2288.430	2201	0	19912	0.0030	-0.0006	0.0017	1.00E+07	0.332	2376.550	4200	0	26680	0.0032	-0.0007	0.0017	1.07E+07	0.333	2506.710	6199	0	30304	0.0031	-0.0007	0.0017	1.07E+07	0.320
1943.130	1200	0	12212	0.0031	-0.0004	0.0023	7.63E+06	0.275	2289.430	2201	0	19975	0.0030	-0.0006	0.0017	1.00E+07	0.332	2377.550	4201	0	26788	0.0032	-0.0007	0.0017	1.07E+07	0.332	2507.710	6199	0	30366	0.0031	-0.0007	0.0017	1.07E+07	0.321
1944.130	1201	0	12243	0.0031	-0.0004	0.0023	7.60E+06	0.273	2290.430	2200	0	20021	0.0030	-0.0006	0.0017	9.99E+06	0.333	2378.550	4200	0	26882	0.0032	-0.0007	0.0017	1.08E+07	0.334	2508.710	6200	0	30398	0.0031	-0.0007	0.0017	1.07E+07	0.319
1945.130	1201	0	12290	0.0031	-0.0004	0.0024	7.62E+06	0.275	2291.430	2201	0	20037	0.0030	-0.0007	0.0017	1.00E+07	0.332	2379.550	4198	0	26960	0.0032	-0.0007	0.0017	1.08E+07	0.333	2509.710	6200	0	30475	0.0031	-0.0007	0.0017	1.07E+07	0.319
1946.130	1199	0	12305	0.0031	-0.0004	0.0023	7.62E+06	0.277	2292.430	2199	0	20099	0.0030	-0.0006	0.0017	1.00E+07	0.331	2380.550	4199	0	27053	0.0032	-0.0007	0.0017	1.07E+07	0.335	2510.710	6199	0	30506	0.0031	-0.0007	0.0017	1.08E+07	0.322
1947.130	1202	0	12352	0.0031	-0.0004	0.0023	7.53E+06	0.277	2293.430	2201	0	20177	0.0030	-0.0007	0.0017	1.00E+07	0.331	2381.550	4201	0	27131	0.0032	-0.0007	0.0017	1.07E+07	0.337	2511.710	6199	0	30538	0.0031	-0.0007	0.0017	1.07E+07	0.319
1948.130	1202	0	12383	0.0031	-0.0004	0.0023	7.54E+06	0.279	2294.430	2201	0	20192	0.0030	-0.0007	0.0017	1.00E+07	0.332	2382.550	4201	0	27209	0.0032	-0.0007	0.0017	1.08E+07	0.340	2512.710	6200	0	30615	0.0031	-0.0007	0.0017	1.07E+07	0.317
1949.130	1200	0	12414	0.0031	-0.0004	0.0024	7.51E+06	0.271	2295.430	2200	0	20239	0.0030	-0.0007	0.0017	1.00E+07	0.333	2383.550	4199	0	27286	0.0032	-0.0007	0.0017	1.07E+07	0.339	2513.710	6199	0	30646	0.0031	-0.0007	0.0017	1.07E+07	0.318
1950.130	1199	0	12461	0.0031	-0.0004	0.0023	7.45E+06	0.263	2296.430	2200	0	20270	0.0030	-0.0007	0.0017	9.91E+06	0.329	2384.550	4199	0	27364	0.0032	-0.0007	0.0017	1.07E+07	0.342	2514.710	6201	0	30693	0.0032	-0.0007	0.0017	1.07E+07	0.318
1951.130	1200	0	12492	0.0031	-0.0004	0.0023	7.47E+06	0.264	2297.430	2199	0	20317	0.0030	-0.0007	0.0017	9.90E+06	0.328	2385.550	4200	0	27411	0.0032	-0.0008	0.0017	1.07E+07	0.343	2515.710	6199	0	30755	0.0032	-0.0007	0.0017	1.07E+07	0.316
1952.130	1201	0	12539	0.0031	-0.0004	0.0023	7.46E+06	0.260	2298.430	2201	0	20364	0.0030	-0.0007	0.0017	9.94E+06	0.327	2386.550	4200	0	27504	0.0033	-0.0008	0.0018	1.06E+07	0.342	2516.710	6199	0	30818	0.0031	-0.0007	0.0017	1.07E+07	0.321
1953.130	1200	0	12570	0.0031	-0.0004	0.0023	7.44E+06	0.265	2299.430	2200	0	20410	0.0030	-0.0007	0.0017	9.93E+06	0.327	2387.550	4203	0	27597	0.0033	-0.0008	0.0017	1.06E+07	0.345	2517.710	6200	0	30880	0.0032	-0.0007	0.0017	1.07E+07	0.320
1954.130	1203	0	12585	0.0031	-0.0004	0.0024	7.40E+06	0.260	2300.430	2201	0	20457	0.0031	-0.0007	0.0017	9.90E+06	0.326	2388.550	4201	0	27629	0.0033	-0.0008	0.0018	1.05E+07	0.345	2518.710	6200	0	30911	0.0032	-0.0007	0.0017	1.08E+07	0.323
1955.130	1200	0	12632	0.0031	-0.0004	0.0023	7.41E+06	0.260	2301.430	2200	0	20519	0.0031	-0.0007	0.0017	9.94E+06	0.328	2389.550	4200	0	27660	0.0033	-0.0008	0.0018	1.05E+07	0.346	2519.710	6199	0	30942	0.0032	-0.0007	0.0017	1.07E+07	0.323
1956.130	1201	0	12648	0.0031	-0.0004	0.0024	7.39E+06	0.256	2302.430	2201	0	20550	0.0031	-0.0007	0.0017	9.86E+06	0.327	2390.550	4199	0	27753	0.0033	-0.0008	0.0017	1.05E+07	0.347	2520.710	6199	0	30989	0.0032	-0.0007	0.0017	1.08E+07	0.321
1957.130	1201	0	12679	0.0031	-0.0004	0.0024	7.45E+06	0.261	2303.430	2200	0	20597	0.0031	-0.0007	0.0017	9.95E+06	0.328	2391.550	4198	0	27815	0.0033	-0.0008	0.0018	1.05E+07	0.342	2521.710	6200	0	31020	0.0032	-0.0007	0.0017	1.08E+07	0.321
1958.130	1199	0	12710	0.0031	-0.0004	0.0024	7.48E+06	0.263	2304.430	2199	0	20644	0.0031	-0.0007	0.0017	1.00E+07	0.329	2392.550	4201	0	27846	0.0033	-0.0008	0.0017	1.05E+07	0.341	2522.710	6199	0	31082	0.0032	-0.0007	0.0017	1.08E+07	0.322
1959.130	1200	0	12756	0.0031	-0.0004	0.0024	7.46E+06	0.267	2305.430	2200	0	20706	0.0031	-0.0007	0.0017	9.96E+06	0.328	2393.550	4199	0	27893	0.0033	-0.0008	0.0018	1.05E+07	0.342	2523.710	6199	0	31129	0.0032	-0.0007	0.0017	1.08E+07	0.324
1960.130	1199	0	12819	0.0032	-0.0004	0.0024	7.43E+06	0.266	2306.430	2201	0	20752	0.0031	-0.0007	0.0017	1.00E+07	0.330	2394.550	4199	0	27924	0.0033	-0.0008	0.0018	1.06E+07	0.341	2524.710	6200	0	31160	0.0032	-0.0007	0.0017	1.09E+07	0.324
1961.130	1200	0	12850	0.0031	-0.0004	0.0024	7.39E+06	0.260	2307.430	2200	0	20784	0.0031	-0.0007	0.0017	1.01E+07	0.330	2395.550	4200	0	27971	0.0033	-0.0008	0.0018	1.05E+07	0.340	2525.700	6200	0	31207	0.0032	-0.0007	0.0017	1.09E+07	0.327
1962.130	1199	0	12865	0.0032	-0.0004	0.0024	7.43E+06	0.261	2308.430	2198	0	20830	0.0031	-0.0007	0.0017	1.00E+07	0.331	2396.550	4201	0	28002	0.0033	-0.0008	0.0018	1.06E+07	0.344	2526.700	6200	0	31284	0.0032	-0.0007	0.0017	1.09E+07	0.326
1963.130	1199	0	12928	0.0032	-0.0004	0.0024	7.46E+06	0.258	2309.430	2200	0	20861	0.0031	-0.0007	0.0017	9.96E+06	0.329	2397.550	4199	0	28033	0.0033	-0.0008	0.0018	1.06E+07	0.345	2527.700	6201	0	31331	0.0032	-0.0007	0.0017	1.09E+07	0.323
1964.130	1200	0	12928	0.0032	-0.0004	0.0024	7.54E+06	0.262	2310.430	2200	0	20908	0.0031	-0.0007	0.0017	9.99E+06	0.329	2398.550	4200	0	28049	0.0033	-0.0008	0.0018	1.05E+07	0.342	2528.700	6199	0	31393	0.0032	-0.0007	0.0017	1.09E+07	0.328
1965.120	1201	0	12974	0.0032	-0.0004	0.0024	7.54E+06	0.263	2311.430	2201	0	20986	0.0031	-0.0007	0.0017	1.00E+07	0.332	2399.540	4199	0	28049	0.0033	-0.0008	0.0018	1.05E+07	0.342	2529.700	6199	0	31424	0.0032	-0.0007	0.0017	1.10E+07	0.333
1966.120	1201	0	13005	0.0032	-0.0004	0.0024	7.59E+06	0.261	2312.430	2200	0	21017	0.0031	-0.0007	0.0018	1.00E+07	0.335	2400.5																	

2010.110	1201	0	14717	0.0034	-0.0005	0.0025	7.96E+06	0.306	2356.410	2201	0	23257	0.0033	-0.0008	0.0018	9.87E+06	0.351	2444.530	4200	0	30538	0.0036	-0.0009	0.0018	1.04E+07	0.358	2574.690	6201	0	33789	0.0034	-0.0008	0.0018	1.11E+07	0.331
2011.110	1200	0	14732	0.0034	-0.0005	0.0025	7.91E+06	0.306	2357.410	2201	0	23304	0.0033	-0.0008	0.0018	9.88E+06	0.353	2445.530	4200	0	30584	0.0035	-0.0009	0.0018	1.04E+07	0.360	2575.690	6201	0	33851	0.0034	-0.0008	0.0018	1.11E+07	0.331
2012.110	1200	0	14794	0.0034	-0.0005	0.0025	7.92E+06	0.304	2358.410	2201	0	23350	0.0033	-0.0008	0.0018	9.87E+06	0.353	2446.530	4202	0	30631	0.0036	-0.0009	0.0018	1.04E+07	0.360	2576.690	6200	0	33867	0.0034	-0.0008	0.0018	1.11E+07	0.332
2013.110	1200	0	14841	0.0034	-0.0005	0.0025	7.92E+06	0.303	2359.410	2200	0	23413	0.0033	-0.0008	0.0018	9.82E+06	0.352	2447.530	4200	0	30662	0.0036	-0.0009	0.0018	1.04E+07	0.360	2577.690	6200	0	33929	0.0034	-0.0008	0.0018	1.11E+07	0.331
2014.110	1200	0	14888	0.0034	-0.0005	0.0025	7.95E+06	0.303	2360.410	2200	0	23444	0.0033	-0.0008	0.0018	9.84E+06	0.351	2448.530	4199	0	30724	0.0036	-0.0009	0.0019	1.05E+07	0.359	2578.690	6199	0	33991	0.0034	-0.0008	0.0018	1.12E+07	0.332
2015.110	1200	0	14934	0.0034	-0.0005	0.0025	7.98E+06	0.306	2361.410	2199	0	23490	0.0033	-0.0008	0.0018	9.88E+06	0.356	2449.530	4200	0	30787	0.0036	-0.0009	0.0018	1.05E+07	0.359	2579.690	6201	0	34053	0.0035	-0.0008	0.0018	1.11E+07	0.333
2016.110	1200	0	14950	0.0034	-0.0005	0.0025	8.01E+06	0.308	2362.410	2201	0	23537	0.0034	-0.0008	0.0018	9.84E+06	0.352	2450.530	4200	0	30818	0.0036	-0.0009	0.0018	1.04E+07	0.358	2580.690	6201	0	34116	0.0035	-0.0008	0.0018	1.12E+07	0.334
2017.110	1201	0	14997	0.0034	-0.0005	0.0025	8.04E+06	0.309	2363.410	2202	0	23584	0.0034	-0.0008	0.0018	9.90E+06	0.355	2451.530	4198	0	30880	0.0036	-0.0009	0.0018	1.04E+07	0.355	2581.690	6199	0	34178	0.0035	-0.0008	0.0018	1.12E+07	0.333
2018.110	1202	0	15028	0.0034	-0.0005	0.0025	8.02E+06	0.309	2364.410	2201	0	23630	0.0034	-0.0008	0.0018	9.93E+06	0.353	2452.530	4202	0	30927	0.0036	-0.0009	0.0018	1.04E+07	0.355	2582.690	6200	0	34193	0.0035	-0.0008	0.0018	1.12E+07	0.334
2019.110	1202	0	15059	0.0034	-0.0005	0.0025	8.08E+06	0.312	2365.410	2200	0	23662	0.0034	-0.0008	0.0018	9.92E+06	0.354	2453.530	4201	0	30973	0.0036	-0.0009	0.0019	1.03E+07	0.355	2583.690	6199	0	34256	0.0035	-0.0008	0.0018	1.12E+07	0.336
2020.110	1200	0	15105	0.0034	-0.0005	0.0025	8.08E+06	0.310	2366.410	2201	0	23724	0.0034	-0.0008	0.0018	9.89E+06	0.349	2454.530	4200	0	31020	0.0036	-0.0009	0.0019	1.04E+07	0.352	2584.690	6199	0	34333	0.0035	-0.0008	0.0018	1.12E+07	0.335
2021.110	1201	0	15168	0.0035	-0.0005	0.0025	8.10E+06	0.313	2367.410	2199	0	23770	0.0034	-0.0008	0.0018	9.90E+06	0.352	2455.530	4200	0	31035	0.0036	-0.0009	0.0018	1.04E+07	0.350	2585.690	6199	0	34365	0.0035	-0.0008	0.0018	1.12E+07	0.336
2022.110	1200	0	15183	0.0034	-0.0005	0.0025	8.11E+06	0.315	2368.410	2201	0	23802	0.0034	-0.0008	0.0018	9.89E+06	0.351	2456.530	4201	0	31129	0.0036	-0.0009	0.0018	1.04E+07	0.350	2586.690	6200	0	34427	0.0035	-0.0008	0.0018	1.12E+07	0.337
2023.110	1199	0	15214	0.0034	-0.0005	0.0025	8.12E+06	0.318	2369.410	2201	0	23864	0.0034	-0.0008	0.0018	9.90E+06	0.355	2457.530	4200	0	31144	0.0036	-0.0009	0.0019	1.05E+07	0.349	2587.690	6199	0	34505	0.0035	-0.0008	0.0018	1.12E+07	0.338
2024.110	1199	0	15277	0.0034	-0.0005	0.0025	8.08E+06	0.317	2370.410	2201	0	23895	0.0034	-0.0008	0.0018	9.93E+06	0.357	2458.530	4199	0	31191	0.0036	-0.0009	0.0019	1.04E+07	0.346	2588.680	6199	0	34520	0.0035	-0.0008	0.0018	1.11E+07	0.337
2025.110	1201	0	15385	0.0035	-0.0005	0.0025	8.12E+06	0.321	2371.410	2200	0	23957	0.0034	-0.0008	0.0018	9.87E+06	0.356	2459.530	4200	0	31269	0.0036	-0.0009	0.0019	1.04E+07	0.342	2589.680	6200	0	34598	0.0035	-0.0008	0.0018	1.11E+07	0.337
2026.110	1201	0	15526	0.0035	-0.0005	0.0025	8.11E+06	0.322	2372.410	2201	0	24004	0.0034	-0.0008	0.0018	9.91E+06	0.354	2460.530	4201	0	31284	0.0036	-0.0009	0.0019	1.04E+07	0.343	2590.680	6201	0	34660	0.0035	-0.0008	0.0018	1.12E+07	0.340
2027.100	1200	0	15619	0.0035	-0.0005	0.0025	8.13E+06	0.322	2373.410	2200	0	24035	0.0034	-0.0008	0.0018	9.88E+06	0.350	2461.520	4201	0	31331	0.0036	-0.0009	0.0019	1.04E+07	0.341	2591.680	6201	0	34691	0.0035	-0.0008	0.0018	1.12E+07	0.342
2028.100	1199	0	15728	0.0035	-0.0005	0.0025	8.14E+06	0.321	2374.410	2199	0	24082	0.0034	-0.0008	0.0018	9.84E+06	0.352	2462.520	4200	0	31347	0.0036	-0.0009	0.0019	1.04E+07	0.341	2592.680	6199	0	34769	0.0035	-0.0008	0.0018	1.12E+07	0.341
2029.100	1201	0	15837	0.0035	-0.0005	0.0025	8.12E+06	0.322	2375.410	2199	0	24144	0.0034	-0.0008	0.0018	9.82E+06	0.351	2463.520	4200	0	31424	0.0036	-0.0009	0.0019	1.05E+07	0.343	2593.680	6200	0	34800	0.0035	-0.0008	0.0018	1.11E+07	0.341
2030.100	1200	0	15946	0.0035	-0.0005	0.0025	8.12E+06	0.321	2376.400	2201	0	24190	0.0034	-0.0008	0.0018	9.88E+06	0.346	2464.520	4200	0	31455	0.0036	-0.0009	0.0019	1.05E+07	0.343	2594.680	6201	0	34862	0.0035	-0.0008	0.0018	1.11E+07	0.343
2031.100	1199	0	16039	0.0035	-0.0005	0.0025	8.13E+06	0.321	2377.400	2201	0	24237	0.0034	-0.0008	0.0018	9.80E+06	0.348	2465.520	4200	0	31502	0.0036	-0.0009	0.0019	1.05E+07	0.344	2595.680	6200	0	34909	0.0035	-0.0008	0.0018	1.11E+07	0.345
2032.100	1202	0	16101	0.0036	-0.0005	0.0025	8.10E+06	0.324	2378.400	2201	0	24268	0.0034	-0.0008	0.0018	9.85E+06	0.348	2466.520	4200	0	31564	0.0037	-0.0009	0.0019	1.06E+07	0.347	2596.680	6199	0	34956	0.0035	-0.0009	0.0018	1.12E+07	0.345
2033.100	1200	0	16179	0.0036	-0.0005	0.0025	8.11E+06	0.323	2379.400	2200	0	24299	0.0034	-0.0008	0.0018	9.95E+06	0.345	2467.520	4203	0	31611	0.0036	-0.0009	0.0019	1.06E+07	0.348	2597.680	6199	0	35002	0.0035	-0.0009	0.0018	1.11E+07	0.343
2034.100	1200	0	16210	0.0036	-0.0005	0.0025	8.08E+06	0.321	2380.400	2199	0	24362	0.0034	-0.0008	0.0018	9.94E+06	0.350	2468.520	4200	0	31673	0.0036	-0.0009	0.0019	1.07E+07	0.349	2598.680	6200	0	35049	0.0035	-0.0009	0.0018	1.11E+07	0.343
2035.100	1200	0	16194	0.0036	-0.0005	0.0025	8.04E+06	0.322	2381.400	2201	0	24393	0.0034	-0.0008	0.0019	9.96E+06	0.351	2469.520	4201	0	31704	0.0036	-0.0009	0.0019	1.08E+07	0.345	2599.680	6199	0	35096	0.0036	-0.0009	0.0018	1.11E+07	0.344
2036.100	1199	0	16241	0.0036	-0.0005	0.0025	7.98E+06	0.320	2382.400	2201	0	24439	0.0034	-0.0008	0.0018	1.00E+07	0.351	2470.520	4201	0	31751	0.0037	-0.0009	0.0019	1.07E+07	0.342	2600.680	6201	0	35158	0.0035	-0.0009	0.0018	1.11E+07	0.343
2037.100	1201	0	16319	0.0036	-0.0005	0.0025	7.93E+06	0.321	2383.400	2200	0	24517	0.0034	-0.0008	0.0018	1.00E+07	0.353	2471.520	4199	0	31798	0.0037	-0.0009	0.0019	1.07E+07	0.343	2601.680	6199	0	35220	0.0035	-0.0009	0.0018	1.11E+07	0.344
2038.100	1201	0	16319	0.0036	-0.0005	0.0025	7.94E+06	0.322	2384.400	2201	0	24548	0.0035	-0.0008	0.0018	1.00E+07	0.355	2472.520	4200	0	31860	0.0037	-0.0009	0.0019	1.07E+07	0.345	2602.680	6200	0	35298	0.0036	-0.0009	0.0018	1.11E+07	0.345
2039.100	1201	0	16334	0.0036	-0.0005	0.0026	7.89E+06	0.322	2385.400	2201	0	24595	0.0035	-0.0008	0.0018	9.97E+06	0.359	2473.520	4199	0	31875	0.0037	-0.0009	0.0019	1.07E+07	0.346	2603.680	6199	0	35360	0.0036	-0.0009	0.0018	1.12E+07	0.347
2040.100	1199	0	16381	0.0036	-0.0005	0.0025	7.91E+06	0.322	2386.400	2201	0	24642	0.0035	-0.0008	0.0018	9.85E+06	0.360	2474.520	4201	0	31922	0.0037	-0.0009	0.0019	1.06E+07	0.345	2604.680	6199	0	35391	0.0036	-0.0009	0.0018	1.12E+07	0.347
2041.100	1201	0	16381	0.0036	-0.0005	0.0025	7.92E+06	0.324	2387.400	2201	0	24688	0.0035	-0.0008	0.0019	9.80E+06	0.362	2475.520	4200	0	31984	0.0037	-0.0009	0.0019	1.07E+07	0.348	2605.680	6200	0	35453	0.0036	-0.0009	0.0018	1.12E+07	0.347
2042.100	1199	0	16412	0.0036	-0.0005	0.0025	7.89E+06	0.323	2388.400	2201	0	24751	0.0035	-0.0008	0.0018	9.73E+06	0.365	2476.5																	

2086.090	1199	0	17828	0.0038	-0.0006	0.0026	8.84E+06	0.365	2432.390	2200	0	27364	0.0037	-0.0009	0.0019	1.06E+07	0.360	2520.510	4199	0	34147	0.0039	-0.0010	0.0019	9.89E+06	0.371	2650.660	6200	0	37989	0.0038	-0.0009	0.0019	1.11E+07	0.339
2087.090	1201	0	17890	0.0038	-0.0006	0.0026	8.84E+06	0.362	2433.390	2200	0	27426	0.0038	-0.0009	0.0019	1.06E+07	0.359	2521.510	4200	0	34193	0.0039	-0.0010	0.0019	9.81E+06	0.368	2651.660	6201	0	38051	0.0038	-0.0009	0.0019	1.11E+07	0.339
2088.090	1200	0	17921	0.0038	-0.0006	0.0026	8.78E+06	0.363	2434.390	2199	0	27488	0.0038	-0.0009	0.0019	1.06E+07	0.360	2522.510	4198	0	34287	0.0039	-0.0010	0.0019	9.75E+06	0.367	2652.660	6200	0	38083	0.0038	-0.0010	0.0019	1.11E+07	0.340
2089.090	1200	0	17952	0.0038	-0.0006	0.0026	8.74E+06	0.366	2435.390	2201	0	27551	0.0038	-0.0009	0.0019	1.07E+07	0.360	2523.510	4200	0	34582	0.0039	-0.0010	0.0019	9.74E+06	0.368	2653.660	6199	0	38145	0.0038	-0.0010	0.0019	1.10E+07	0.340
2090.080	1200	0	18015	0.0038	-0.0006	0.0026	8.67E+06	0.368	2436.390	2201	0	27613	0.0038	-0.0009	0.0019	1.06E+07	0.360	2524.500	4200	0	34785	0.0039	-0.0010	0.0019	9.75E+06	0.370	2654.660	6199	0	38207	0.0038	-0.0010	0.0019	1.10E+07	0.342
2091.080	1201	0	18061	0.0038	-0.0006	0.0026	8.75E+06	0.370	2437.390	2200	0	27691	0.0038	-0.0009	0.0019	1.05E+07	0.361	2525.500	4200	0	35002	0.0040	-0.0010	0.0020	9.75E+06	0.368	2655.660	6200	0	38285	0.0038	-0.0010	0.0019	1.10E+07	0.343
2092.080	1203	0	18108	0.0038	-0.0006	0.0026	8.80E+06	0.372	2438.380	2200	0	27753	0.0038	-0.0009	0.0019	1.05E+07	0.363	2526.500	4200	0	35049	0.0040	-0.0010	0.0020	9.83E+06	0.370	2656.660	6200	0	38409	0.0038	-0.0010	0.0019	1.10E+07	0.344
2093.080	1201	0	18155	0.0038	-0.0006	0.0026	8.80E+06	0.372	2439.380	2202	0	27784	0.0038	-0.0009	0.0019	1.04E+07	0.366	2527.500	4202	0	35158	0.0040	-0.0010	0.0020	9.82E+06	0.370	2657.660	6202	0	38534	0.0038	-0.0010	0.0019	1.10E+07	0.344
2094.080	1200	0	18201	0.0038	-0.0006	0.0026	8.73E+06	0.371	2440.380	2200	0	27877	0.0038	-0.0009	0.0019	1.03E+07	0.365	2528.500	4201	0	35220	0.0040	-0.0010	0.0020	9.85E+06	0.372	2658.660	6199	0	38689	0.0039	-0.0010	0.0019	1.09E+07	0.345
2095.080	1201	0	18201	0.0038	-0.0006	0.0026	8.68E+06	0.370	2441.380	2200	0	27893	0.0038	-0.0009	0.0019	1.02E+07	0.366	2529.500	4198	0	35329	0.0040	-0.0010	0.0020	9.91E+06	0.374	2659.660	6200	0	38814	0.0039	-0.0010	0.0019	1.09E+07	0.346
2096.080	1199	0	18263	0.0038	-0.0006	0.0026	8.65E+06	0.366	2442.380	2200	0	27940	0.0038	-0.0009	0.0019	1.01E+07	0.369	2530.500	4200	0	35407	0.0040	-0.0010	0.0020	9.88E+06	0.372	2660.660	6199	0	38907	0.0039	-0.0010	0.0019	1.09E+07	0.348
2097.080	1201	0	18279	0.0038	-0.0006	0.0026	8.67E+06	0.366	2443.380	2200	0	28017	0.0038	-0.0009	0.0019	9.93E+06	0.373	2531.500	4200	0	35329	0.0040	-0.0010	0.0020	9.89E+06	0.373	2661.660	6199	0	39063	0.0039	-0.0010	0.0019	1.09E+07	0.349
2098.080	1200	0	18357	0.0038	-0.0006	0.0026	8.70E+06	0.367	2444.380	2200	0	28064	0.0038	-0.0009	0.0019	9.78E+06	0.379	2532.500	4203	0	35205	0.0040	-0.0010	0.0020	9.94E+06	0.375	2662.660	6199	0	39171	0.0039	-0.0010	0.0019	1.09E+07	0.349
2099.080	1201	0	18388	0.0038	-0.0006	0.0026	8.71E+06	0.365	2445.380	2201	0	28111	0.0038	-0.0009	0.0019	9.67E+06	0.383	2533.500	4202	0	35065	0.0040	-0.0010	0.0019	9.94E+06	0.374	2663.660	6200	0	39249	0.0039	-0.0010	0.0019	1.09E+07	0.349
2100.080	1199	0	18450	0.0038	-0.0006	0.0026	8.65E+06	0.368	2446.380	2201	0	28142	0.0038	-0.0009	0.0019	9.52E+06	0.387	2534.500	4201	0	34987	0.0040	-0.0010	0.0019	9.96E+06	0.372	2664.660	6200	0	39405	0.0039	-0.0010	0.0020	1.10E+07	0.352
2101.080	1200	0	18466	0.0038	-0.0006	0.0026	8.60E+06	0.367	2447.380	2201	0	28173	0.0038	-0.0009	0.0019	9.49E+06	0.388	2535.500	4202	0	34987	0.0040	-0.0010	0.0020	1.00E+07	0.372	2665.660	6199	0	39483	0.0039	-0.0010	0.0020	1.09E+07	0.354
2102.080	1202	0	18512	0.0038	-0.0006	0.0026	8.57E+06	0.363	2448.380	2199	0	28266	0.0038	-0.0009	0.0019	9.50E+06	0.394	2536.500	4199	0	34987	0.0040	-0.0010	0.0019	1.00E+07	0.371	2666.660	6199	0	39560	0.0039	-0.0010	0.0020	1.09E+07	0.355
2103.080	1201	0	18543	0.0038	-0.0006	0.0026	8.60E+06	0.364	2449.380	2201	0	28282	0.0038	-0.0009	0.0019	9.47E+06	0.394	2537.500	4199	0	34987	0.0040	-0.0010	0.0020	1.01E+07	0.369	2667.660	6199	0	39669	0.0039	-0.0010	0.0020	1.09E+07	0.355
2104.080	1201	0	18621	0.0039	-0.0006	0.0026	8.64E+06	0.370	2450.380	2201	0	28329	0.0038	-0.0009	0.0019	9.52E+06	0.396	2538.500	4199	0	34987	0.0040	-0.0010	0.0020	1.02E+07	0.369	2668.660	6199	0	39778	0.0039	-0.0010	0.0019	1.09E+07	0.356
2105.080	1201	0	18652	0.0039	-0.0006	0.0026	8.66E+06	0.365	2451.380	2198	0	28360	0.0039	-0.0009	0.0020	9.46E+06	0.401	2539.500	4200	0	35018	0.0040	-0.0010	0.0019	1.02E+07	0.369	2669.660	6200	0	39872	0.0040	-0.0010	0.0020	1.09E+07	0.359
2106.080	1201	0	18652	0.0039	-0.0006	0.0026	8.67E+06	0.371	2452.380	2198	0	28422	0.0038	-0.0010	0.0019	9.42E+06	0.400	2540.500	4199	0	35329	0.0040	-0.0010	0.0020	1.03E+07	0.367	2670.660	6199	0	39918	0.0040	-0.0010	0.0020	1.09E+07	0.360
2107.080	1199	0	18730	0.0039	-0.0006	0.0026	8.63E+06	0.369	2453.380	2201	0	28391	0.0039	-0.0010	0.0020	9.41E+06	0.398	2541.500	4200	0	35593	0.0040	-0.0010	0.0020	1.04E+07	0.366	2671.660	6200	0	39996	0.0040	-0.0010	0.0020	1.09E+07	0.360
2108.080	1200	0	18746	0.0039	-0.0006	0.0026	8.53E+06	0.366	2454.380	2200	0	28453	0.0038	-0.0010	0.0019	9.46E+06	0.399	2542.500	4202	0	35780	0.0040	-0.0010	0.0020	1.05E+07	0.368	2672.660	6201	0	40027	0.0040	-0.0010	0.0020	1.09E+07	0.362
2109.080	1201	0	18777	0.0039	-0.0006	0.0026	8.51E+06	0.368	2455.380	2200	0	28453	0.0039	-0.0010	0.0019	9.36E+06	0.397	2543.500	4200	0	35889	0.0041	-0.0010	0.0020	1.05E+07	0.367	2673.660	6199	0	40089	0.0040	-0.0010	0.0020	1.08E+07	0.361
2110.080	1201	0	18839	0.0039	-0.0006	0.0026	8.55E+06	0.372	2456.380	2200	0	28484	0.0039	-0.0010	0.0019	9.32E+06	0.399	2544.500	4200	0	35827	0.0041	-0.0010	0.0020	1.07E+07	0.366	2674.660	6200	0	40136	0.0040	-0.0010	0.0020	1.08E+07	0.363
2111.080	1202	0	18886	0.0039	-0.0006	0.0026	8.52E+06	0.369	2457.380	2200	0	28515	0.0039	-0.0010	0.0019	9.37E+06	0.402	2545.500	4200	0	35749	0.0040	-0.0010	0.0020	1.07E+07	0.364	2675.660	6199	0	40183	0.0040	-0.0010	0.0020	1.08E+07	0.365
2112.080	1201	0	18886	0.0039	-0.0006	0.0026	8.44E+06	0.372	2458.380	2200	0	28531	0.0039	-0.0010	0.0019	9.35E+06	0.399	2546.500	4198	0	35702	0.0041	-0.0010	0.0020	1.07E+07	0.365	2676.660	6199	0	40214	0.0040	-0.0010	0.0020	1.09E+07	0.367
2113.080	1200	0	18932	0.0039	-0.0006	0.0026	8.41E+06	0.375	2459.380	2199	0	28577	0.0039	-0.0010	0.0019	9.36E+06	0.399	2547.500	4200	0	35687	0.0040	-0.0010	0.0020	1.08E+07	0.366	2677.660	6199	0	40229	0.0040	-0.0010	0.0020	1.08E+07	0.365
2114.080	1201	0	18979	0.0039	-0.0006	0.0026	8.35E+06	0.371	2460.380	2201	0	28624	0.0039	-0.0010	0.0020	9.41E+06	0.401	2548.500	4200	0	35749	0.0041	-0.0010	0.0020	1.09E+07	0.364	2678.660	6199	0	40260	0.0040	-0.0010	0.0020	1.08E+07	0.367
2115.080	1200	0	19010	0.0039	-0.0006	0.0026	8.27E+06	0.368	2461.380	2200	0	28655	0.0039	-0.0010	0.0020	9.35E+06	0.395	2549.500	4202	0	35842	0.0041	-0.0010	0.0020	1.11E+07	0.366	2679.660	6199	0	40276	0.0040	-0.0010	0.0020	1.08E+07	0.367
2116.080	1199	0	19072	0.0039	-0.0006	0.0026	8.18E+06	0.368	2462.380	2201	0	28686	0.0039	-0.0010	0.0019	9.35E+06	0.395	2550.500	4200	0	35889	0.0041	-0.0010	0.0020	1.12E+07	0.366	2680.660	6200	0	40354	0.0040	-0.0010	0.0020	1.07E+07	0.365
2117.080	1201	0	19119	0.0039	-0.0006	0.0026	8.20E+06	0.371	2463.380	2201	0	28702	0.0039	-0.0010	0.0019	9.49E+06	0.402	2551.500	4201	0	35951	0.0041	-0.0010	0.0020	1.13E+07	0.366	2681.650	6202	0	40385	0.0040	-0.0010	0.0020	1.07E+07	0.366
2118.080	1200	0	19119	0.0039	-0.0006	0.0026	8.22E+06	0.373	2464.380	2199	0	28733	0.0039	-0.0010	0.0019	9.51E+06	0.400	2552.5																	

2162.060	1198	0	21001	0.0041	-0.0007	0.0027	8.42E+06	0.408	2508.360	2199	0	30491	0.0041	-0.0010	0.0020	9.72E+06	0.422	2596.480	4200	0	38238	0.0043	-0.0011	0.0020	1.03E+07	0.397	2726.640	6200	0	42345	0.0042	-0.0011	0.0020	1.11E+07	0.366
2163.060	1199	0	21048	0.0041	-0.0007	0.0027	8.40E+06	0.409	2509.360	2201	0	30569	0.0041	-0.0010	0.0020	9.69E+06	0.423	2597.480	4200	0	38285	0.0043	-0.0011	0.0020	1.04E+07	0.400	2727.640	6200	0	42407	0.0042	-0.0011	0.0020	1.11E+07	0.367
2164.060	1202	0	21110	0.0042	-0.0007	0.0027	8.48E+06	0.413	2510.360	2200	0	30600	0.0041	-0.0010	0.0020	9.74E+06	0.428	2598.480	4202	0	38331	0.0043	-0.0011	0.0020	1.04E+07	0.400	2728.640	6199	0	42454	0.0042	-0.0011	0.0020	1.10E+07	0.364
2165.060	1201	0	21173	0.0042	-0.0007	0.0027	8.52E+06	0.415	2511.360	2199	0	30615	0.0041	-0.0011	0.0020	9.82E+06	0.432	2599.480	4201	0	38363	0.0043	-0.0011	0.0020	1.04E+07	0.400	2729.640	6201	0	42516	0.0042	-0.0011	0.0020	1.10E+07	0.364
2166.060	1201	0	21173	0.0042	-0.0007	0.0027	8.49E+06	0.412	2512.360	2201	0	30662	0.0041	-0.0010	0.0020	9.74E+06	0.428	2600.480	4200	0	38409	0.0043	-0.0011	0.0020	1.04E+07	0.402	2730.640	6199	0	42516	0.0042	-0.0011	0.0020	1.10E+07	0.361
2167.060	1201	0	21266	0.0042	-0.0007	0.0027	8.44E+06	0.413	2513.360	2201	0	30709	0.0041	-0.0011	0.0020	9.70E+06	0.426	2601.480	4200	0	38456	0.0043	-0.0011	0.0020	1.04E+07	0.404	2731.640	6201	0	42563	0.0042	-0.0011	0.0020	1.09E+07	0.360
2168.060	1200	0	21297	0.0042	-0.0007	0.0027	8.47E+06	0.416	2514.360	2199	0	30740	0.0041	-0.0010	0.0020	9.76E+06	0.432	2602.480	4200	0	38534	0.0043	-0.0011	0.0020	1.04E+07	0.405	2732.640	6199	0	42625	0.0042	-0.0011	0.0020	1.10E+07	0.362
2169.060	1200	0	21344	0.0042	-0.0007	0.0027	8.50E+06	0.415	2515.360	2200	0	30864	0.0041	-0.0010	0.0020	9.70E+06	0.432	2603.480	4199	0	38580	0.0043	-0.0011	0.0020	1.05E+07	0.405	2733.640	6200	0	42687	0.0042	-0.0011	0.0020	1.09E+07	0.362
2170.060	1202	0	21390	0.0042	-0.0007	0.0027	8.55E+06	0.418	2516.360	2201	0	30895	0.0041	-0.0011	0.0020	9.70E+06	0.430	2604.480	4201	0	38596	0.0043	-0.0011	0.0020	1.05E+07	0.408	2734.640	6200	0	42718	0.0042	-0.0011	0.0020	1.09E+07	0.360
2171.060	1201	0	21421	0.0042	-0.0007	0.0027	8.58E+06	0.418	2517.360	2200	0	30958	0.0041	-0.0011	0.0020	9.73E+06	0.432	2605.480	4202	0	38689	0.0043	-0.0011	0.0020	1.05E+07	0.406	2735.640	6200	0	42749	0.0042	-0.0011	0.0020	1.08E+07	0.358
2172.060	1201	0	21453	0.0042	-0.0007	0.0027	8.52E+06	0.416	2518.360	2200	0	31020	0.0041	-0.0011	0.0020	9.68E+06	0.431	2606.480	4198	0	38720	0.0043	-0.0011	0.0020	1.05E+07	0.408	2736.640	6199	0	42843	0.0042	-0.0011	0.0020	1.08E+07	0.359
2173.060	1200	0	21484	0.0042	-0.0007	0.0027	8.40E+06	0.411	2519.360	2201	0	31066	0.0041	-0.0011	0.0020	9.73E+06	0.432	2607.480	4200	0	38720	0.0043	-0.0011	0.0020	1.05E+07	0.406	2737.640	6199	0	42874	0.0042	-0.0011	0.0020	1.08E+07	0.359
2174.060	1201	0	21530	0.0042	-0.0008	0.0027	8.36E+06	0.408	2520.360	2201	0	31113	0.0041	-0.0011	0.0020	9.79E+06	0.435	2608.480	4201	0	38798	0.0043	-0.0011	0.0020	1.05E+07	0.406	2738.640	6200	0	42921	0.0042	-0.0011	0.0020	1.08E+07	0.359
2175.060	1200	0	21577	0.0042	-0.0008	0.0027	8.30E+06	0.408	2521.360	2201	0	31191	0.0041	-0.0011	0.0020	9.76E+06	0.440	2609.480	4200	0	38876	0.0043	-0.0011	0.0020	1.06E+07	0.410	2739.640	6199	0	42967	0.0042	-0.0011	0.0020	1.08E+07	0.358
2176.060	1199	0	21624	0.0042	-0.0008	0.0027	8.30E+06	0.413	2522.360	2200	0	31253	0.0041	-0.0011	0.0020	9.77E+06	0.439	2610.480	4200	0	38891	0.0043	-0.0011	0.0020	1.06E+07	0.412	2740.640	6198	0	43014	0.0042	-0.0011	0.0020	1.08E+07	0.357
2177.060	1201	0	21686	0.0042	-0.0008	0.0027	8.34E+06	0.421	2523.360	2199	0	31300	0.0041	-0.0011	0.0020	9.72E+06	0.444	2611.480	4201	0	38907	0.0043	-0.0012	0.0020	1.06E+07	0.412	2741.640	6199	0	43076	0.0043	-0.0011	0.0020	1.08E+07	0.359
2178.060	1201	0	21733	0.0042	-0.0008	0.0027	8.25E+06	0.422	2524.360	2200	0	31347	0.0042	-0.0011	0.0020	9.64E+06	0.448	2612.480	4201	0	38954	0.0043	-0.0012	0.0020	1.06E+07	0.414	2742.640	6201	0	43123	0.0043	-0.0011	0.0020	1.08E+07	0.360
2179.060	1202	0	21764	0.0042	-0.0008	0.0027	8.20E+06	0.423	2525.360	2201	0	31409	0.0042	-0.0011	0.0020	9.66E+06	0.447	2613.480	4200	0	39031	0.0044	-0.0012	0.0020	1.07E+07	0.413	2743.640	6199	0	43123	0.0043	-0.0011	0.0020	1.08E+07	0.360
2180.060	1203	0	21779	0.0042	-0.0008	0.0027	8.23E+06	0.430	2526.360	2201	0	31502	0.0042	-0.0011	0.0020	9.65E+06	0.449	2614.480	4200	0	39094	0.0044	-0.0012	0.0020	1.07E+07	0.409	2744.630	6199	0	43170	0.0043	-0.0011	0.0020	1.08E+07	0.363
2181.060	1200	0	21857	0.0042	-0.0008	0.0027	8.21E+06	0.433	2527.360	2200	0	31518	0.0041	-0.0011	0.0020	9.56E+06	0.444	2615.480	4200	0	39140	0.0044	-0.0012	0.0021	1.07E+07	0.408	2745.630	6199	0	43216	0.0043	-0.0011	0.0020	1.08E+07	0.364
2182.060	1200	0	21904	0.0042	-0.0008	0.0027	8.18E+06	0.432	2528.360	2200	0	31564	0.0042	-0.0011	0.0020	9.57E+06	0.446	2616.480	4201	0	39156	0.0044	-0.0012	0.0020	1.08E+07	0.409	2746.630	6201	0	43294	0.0043	-0.0011	0.0020	1.08E+07	0.366
2183.050	1200	0	21919	0.0043	-0.0008	0.0027	8.21E+06	0.437	2529.360	2201	0	31611	0.0042	-0.0011	0.0020	9.54E+06	0.446	2617.480	4200	0	39218	0.0044	-0.0012	0.0020	1.08E+07	0.407	2747.630	6202	0	43341	0.0043	-0.0011	0.0020	1.09E+07	0.368
2184.050	1201	0	21950	0.0043	-0.0008	0.0027	8.22E+06	0.444	2530.360	2202	0	31673	0.0042	-0.0011	0.0020	9.46E+06	0.448	2618.470	4200	0	39280	0.0044	-0.0012	0.0020	1.08E+07	0.408	2748.630	6199	0	43372	0.0043	-0.0011	0.0020	1.09E+07	0.367
2185.050	1200	0	21981	0.0043	-0.0008	0.0027	8.20E+06	0.446	2531.350	2200	0	31735	0.0042	-0.0011	0.0020	9.45E+06	0.447	2619.470	4200	0	39312	0.0044	-0.0012	0.0020	1.07E+07	0.407	2749.630	6200	0	43434	0.0043	-0.0011	0.0020	1.08E+07	0.367
2186.050	1200	0	22044	0.0043	-0.0008	0.0027	8.21E+06	0.449	2532.350	2200	0	31798	0.0042	-0.0011	0.0020	9.45E+06	0.451	2620.470	4200	0	39358	0.0044	-0.0012	0.0020	1.07E+07	0.406	2750.630	6199	0	43450	0.0043	-0.0011	0.0020	1.08E+07	0.367
2187.050	1201	0	22090	0.0043	-0.0008	0.0027	8.17E+06	0.446	2533.350	2199	0	31798	0.0042	-0.0011	0.0020	9.36E+06	0.452	2621.470	4200	0	39405	0.0044	-0.0012	0.0020	1.07E+07	0.407	2751.630	6199	0	43496	0.0043	-0.0011	0.0020	1.09E+07	0.367
2188.050	1201	0	22121	0.0043	-0.0008	0.0027	8.17E+06	0.447	2534.350	2200	0	31875	0.0042	-0.0011	0.0020	9.38E+06	0.457	2622.470	4200	0	39452	0.0044	-0.0012	0.0020	1.06E+07	0.407	2752.630	6199	0	43558	0.0043	-0.0011	0.0020	1.09E+07	0.368
2189.050	1201	0	22137	0.0043	-0.0008	0.0027	8.19E+06	0.448	2535.350	2201	0	31891	0.0042	-0.0011	0.0020	9.41E+06	0.461	2623.470	4200	0	39498	0.0044	-0.0012	0.0020	1.06E+07	0.408	2753.630	6200	0	43605	0.0043	-0.0011	0.0020	1.09E+07	0.369
2190.050	1200	0	22215	0.0043	-0.0008	0.0027	8.21E+06	0.447	2536.350	2200	0	31938	0.0042	-0.0011	0.0020	9.32E+06	0.460	2624.470	4201	0	39545	0.0044	-0.0012	0.0020	1.06E+07	0.410	2754.630	6199	0	43667	0.0043	-0.0011	0.0021	1.09E+07	0.369
2191.050	1201	0	22246	0.0043	-0.0008	0.0027	8.22E+06	0.452	2537.350	2200	0	32015	0.0042	-0.0011	0.0020	9.30E+06	0.464	2625.470	4201	0	39576	0.0044	-0.0012	0.0020	1.06E+07	0.411	2755.630	6200	0	43698	0.0043	-0.0011	0.0021	1.09E+07	0.369
2192.050	1200	0	22246	0.0043	-0.0008	0.0027	8.20E+06	0.452	2538.350	2201	0	32047	0.0042	-0.0011	0.0020	9.31E+06	0.466	2626.470	4201	0	39654	0.0044	-0.0012	0.0020	1.06E+07	0.411	2756.630	6199	0	43745	0.0043	-0.0011	0.0020	1.09E+07	0.369
2193.050	1200	0	22293	0.0043	-0.0008	0.0027	8.21E+06	0.455	2539.350	2200	0	32109	0.0042	-0.0011	0.0020	9.27E+06	0.468	2627.470	4200	0	39700	0.0044	-0.0012	0.0020	1.05E+07	0.410	2757.630	6201	0	43792	0.0043	-0.0011	0.0020	1.09E+07	0.368
2194.050	1201	0	22339	0.0043	-0.0008	0.0027	8.24E+06	0.457	2540.350	2200	0	32140	0.0042	-0.0011	0.0020	9.20E+06	0.463	2628.4																	

2672.460	4200	0	42127	0.0046	-0.0013	0.0021	1.03E+07	0.414	2802.620	6201	0	46156	0.0045	-0.0012	0.0021	1.09E+07	0.376
2673.460	4201	0	42189	0.0046	-0.0013	0.0021	1.03E+07	0.415	2803.620	6200	0	46172	0.0045	-0.0012	0.0021	1.08E+07	0.378
2674.460	4203	0	42236	0.0047	-0.0013	0.0021	1.03E+07	0.415	2804.620	6199	0	46234	0.0045	-0.0012	0.0021	1.08E+07	0.378
2675.460	4199	0	42298	0.0047	-0.0013	0.0021	1.03E+07	0.413	2805.620	6199	0	46296	0.0045	-0.0012	0.0021	1.08E+07	0.379
2676.460	4200	0	42314	0.0047	-0.0013	0.0021	1.03E+07	0.413	2806.610	6201	0	46343	0.0045	-0.0012	0.0021	1.08E+07	0.378
2677.460	4197	0	42376	0.0047	-0.0013	0.0021	1.03E+07	0.414	2807.610	6199	0	46390	0.0046	-0.0012	0.0021	1.08E+07	0.381
2678.460	4200	0	42392	0.0047	-0.0013	0.0021	1.03E+07	0.412	2808.610	6199	0	46452	0.0046	-0.0012	0.0021	1.08E+07	0.379
2679.460	4201	0	42438	0.0047	-0.0013	0.0021	1.03E+07	0.414	2809.610	6199	0	46499	0.0046	-0.0012	0.0021	1.08E+07	0.380
2680.450	4201	0	42501	0.0047	-0.0013	0.0021	1.03E+07	0.415	2810.610	6199	0	46514	0.0046	-0.0012	0.0021	1.08E+07	0.382
2681.450	4199	0	42532	0.0047	-0.0013	0.0021	1.01E+07	0.412	2811.610	6199	0	46576	0.0046	-0.0012	0.0021	1.08E+07	0.380
2682.450	4200	0	42563	0.0047	-0.0013	0.0021	1.01E+07	0.410	2812.610	6200	0	46654	0.0046	-0.0012	0.0021	1.08E+07	0.381
2683.450	4200	0	42609	0.0047	-0.0013	0.0021	1.01E+07	0.410	2813.610	6199	0	46685	0.0046	-0.0012	0.0021	1.08E+07	0.380
2684.450	4199	0	42672	0.0047	-0.0013	0.0021	1.01E+07	0.409	2814.610	6199	0	46748	0.0046	-0.0012	0.0021	1.09E+07	0.380
2685.450	4200	0	42687	0.0047	-0.0013	0.0021	1.01E+07	0.409	2815.610	6199	0	46810	0.0046	-0.0012	0.0021	1.08E+07	0.380
2686.450	4198	0	42749	0.0047	-0.0013	0.0021	1.01E+07	0.407	2816.610	6199	0	46856	0.0046	-0.0012	0.0021	1.08E+07	0.382
2687.450	4201	0	42812	0.0047	-0.0013	0.0021	1.00E+07	0.409	2817.610	6198	0	46919	0.0046	-0.0012	0.0021	1.08E+07	0.382
2688.450	4200	0	42858	0.0047	-0.0013	0.0021	1.00E+07	0.409	2818.610	6199	0	46950	0.0046	-0.0012	0.0021	1.08E+07	0.382
2689.450	4201	0	42874	0.0047	-0.0013	0.0021	1.01E+07	0.411	2819.610	6200	0	47028	0.0046	-0.0012	0.0021	1.08E+07	0.382
2690.450	4200	0	42936	0.0047	-0.0013	0.0021	1.01E+07	0.410	2820.610	6199	0	47105	0.0046	-0.0012	0.0021	1.09E+07	0.385
2691.450	4200	0	42967	0.0047	-0.0013	0.0021	1.00E+07	0.411	2821.610	6201	0	47168	0.0046	-0.0012	0.0021	1.09E+07	0.386
2692.450	4201	0	43061	0.0047	-0.0013	0.0021	9.98E+06	0.410	2822.610	6199	0	47199	0.0046	-0.0013	0.0021	1.09E+07	0.385
2693.450	4202	0	43092	0.0047	-0.0013	0.0021	9.96E+06	0.410	2823.610	6200	0	47230	0.0046	-0.0012	0.0021	1.09E+07	0.385
2694.450	4201	0	43138	0.0047	-0.0013	0.0021	9.96E+06	0.412	2824.610	6200	0	47292	0.0046	-0.0013	0.0021	1.08E+07	0.382
2695.450	4200	0	43170	0.0047	-0.0013	0.0021	9.98E+06	0.413	2825.610	6198	0	47370	0.0047	-0.0013	0.0021	1.09E+07	0.384
2696.450	4198	0	43232	0.0047	-0.0013	0.0021	1.00E+07	0.414	2826.610	6199	0	47448	0.0047	-0.0013	0.0021	1.09E+07	0.383
2697.450	4200	0	43263	0.0048	-0.0013	0.0021	1.01E+07	0.418	2827.610	6199	0	47479	0.0047	-0.0013	0.0021	1.08E+07	0.384
2698.450	4198	0	43341	0.0048	-0.0013	0.0021	1.01E+07	0.419	2828.610	6200	0	47525	0.0047	-0.0013	0.0021	1.08E+07	0.386
2699.450	4199	0	43372	0.0048	-0.0013	0.0021	1.01E+07	0.417	2829.610	6200	0	47603	0.0047	-0.0013	0.0021	1.08E+07	0.385
2700.450	4200	0	43418	0.0048	-0.0013	0.0021	1.00E+07	0.417	2830.610	6201	0	47681	0.0047	-0.0013	0.0021	1.07E+07	0.383
2701.450	4199	0	43465	0.0048	-0.0013	0.0021	1.01E+07	0.419	2831.610	6199	0	47712	0.0047	-0.0013	0.0021	1.08E+07	0.384
2702.450	4202	0	43496	0.0048	-0.0013	0.0021	1.01E+07	0.420	2832.610	6201	0	47805	0.0047	-0.0013	0.0021	1.08E+07	0.385
2703.450	4199	0	43574	0.0048	-0.0013	0.0021	1.01E+07	0.421	2833.610	6200	0	47821	0.0047	-0.0013	0.0022	1.07E+07	0.385
2704.450	4201	0	43621	0.0048	-0.0013	0.0021	1.01E+07	0.424	2834.610	6199	0	47883	0.0047	-0.0013	0.0021	1.08E+07	0.385
2705.450	4200	0	43683	0.0048	-0.0013	0.0021	1.01E+07	0.423	2835.610	6199	0	47945	0.0047	-0.0013	0.0021	1.09E+07	0.384
2706.450	4199	0	43698	0.0048	-0.0013	0.0021	1.00E+07	0.422	2836.610	6199	0	48023	0.0047	-0.0013	0.0022	1.08E+07	0.381
2707.450	4201	0	43792	0.0048	-0.0013	0.0021	1.00E+07	0.422	2837.600	6199	0	48070	0.0047	-0.0013	0.0022	1.08E+07	0.378
2708.450	4199	0	43807	0.0048	-0.0013	0.0021	1.00E+07	0.424	2838.600	6201	0	48101	0.0047	-0.0013	0.0022	1.09E+07	0.380
2709.450	4200	0	43838	0.0048	-0.0014	0.0021	9.99E+06	0.424	2839.600	6200	0	48148	0.0047	-0.0013	0.0021	1.09E+07	0.377
2710.450	4201	0	43947	0.0048	-0.0014	0.0021	9.95E+06	0.422	2840.600	6198	0	48163	0.0047	-0.0013	0.0022	1.10E+07	0.378
2711.450	4198	0	43978	0.0048	-0.0014	0.0021	9.91E+06	0.421	2841.600	6199	0	48257	0.0047	-0.0013	0.0021	1.10E+07	0.379
2712.440	4202	0	44025	0.0048	-0.0014	0.0021	9.94E+06	0.424	2842.600	6200	0	48319	0.0047	-0.0013	0.0022	1.10E+07	0.381
2713.440	4199	0	44072	0.0048	-0.0014	0.0021	9.95E+06	0.425	2843.600	6201	0	48350	0.0047	-0.0013	0.0022	1.09E+07	0.381
2714.440	4202	0	44118	0.0048	-0.0014	0.0021	9.94E+06	0.425	2844.600	6199	0	48443	0.0047	-0.0013	0.0022	1.07E+07	0.383
2715.440	4202	0	44181	0.0048	-0.0014	0.0021	9.94E+06	0.426	2845.600	6200	0	48459	0.0047	-0.0013	0.0022	1.06E+07	0.386
2716.440	4200	0	44212	0.0049	-0.0014	0.0021	9.91E+06	0.426	2846.600	6199	0	48474	0.0047	-0.0013	0.0022	1.04E+07	0.388
2717.440	4201	0	44274	0.0049	-0.0014	0.0021	9.89E+06	0.426	2847.600	6199	0	48537	0.0047	-0.0013	0.0022	1.02E+07	0.390
2718.440	4199	0	44290	0.0049	-0.0014	0.0021	9.93E+06	0.428	2848.600	6199	0	48583	0.0047	-0.0013	0.0022	9.88E+06	0.390
2719.440	4199	0	44352	0.0049	-0.0014	0.0021	9.93E+06	0.430	2849.600	6202	0	48661	0.0048	-0.0013	0.0022	9.67E+06	0.394
2720.440	4199	0	44383	0.0049	-0.0014	0.0021	9.94E+06	0.431	2850.600	6199	0	48708	0.0048	-0.0013	0.0022	9.41E+06	0.397
2721.440	4202	0	44461	0.0049	-0.0014	0.0021	9.99E+06	0.436	2851.600	6199	0	48739	0.0048	-0.0013	0.0022	9.18E+06	0.398
2722.440	4200	0	44523	0.0049	-0.0014	0.0021	1.00E+07	0.435	2852.600	6199	0	48754	0.0048	-0.0013	0.0022	8.97E+06	0.400
2723.440	4200	0	44570	0.0049	-0.0014	0.0021	1.00E+07	0.434	2853.600	6199	0	48801	0.0048	-0.0013	0.0022	8.77E+06	0.401
2724.440	4200	0	44601	0.0049	-0.0014	0.0021	1.00E+07	0.437	2854.600	6201	0	48863	0.0048	-0.0013	0.0022	8.58E+06	0.404
2725.440	4199	0	44632	0.0049	-0.0014	0.0021	9.96E+06	0.438	2855.600	6199	0	48925	0.0048	-0.0013	0.0022	8.48E+06	0.405
2726.440	4199	0	44679	0.0049	-0.0014	0.0021	9.96E+06	0.438	2856.600	6199	0	49003	0.0048	-0.0013	0.0022	8.46E+06	0.408
2727.440	4201	0	44710	0.0049	-0.0014	0.0021	9.96E+06	0.440	2857.600	6199	0	49065	0.0048	-0.0013	0.0022	8.45E+06	0.409
2728.440	4201	0	44819	0.0049	-0.0014	0.0021	9.91E+06	0.441	2858.600	6199	0	49081	0.0048	-0.0013	0.0022	8.50E+06	0.412
2729.440	4200	0	44850	0.0049	-0.0014	0.0021	9.93E+06	0.443	2859.600	6199	0	49252	0.0048	-0.0013	0.0022	8.56E+06	0.413
2730.440	4200	0	44896	0.0049	-0.0014	0.0021	9.94E+06	0.445	2860.600	6199	0	49548	0.0048	-0.0013	0.0022	8.61E+06	0.414
2731.440	4202	0	44943	0.0049	-0.0014	0.0021	9.92E+06	0.447	2861.600	6200	0	49812	0.0049	-0.0013	0.0022	8.75E+06	0.414
2732.440	4200	0	44943	0.0049	-0.0014	0.0021	9.87E+06	0.448	2862.600	6199	0	50014	0.0049	-0.0013	0.0022	8.86E+06	0.413
2733.440	4200	0	45021	0.0049	-0.0014	0.0021	9.88E+06	0.449	2863.600	6200	0	50279	0.0049	-0.0014	0.0022	9.00E+06	0.412
2734.440	4201	0	45067	0.0049	-0.0014	0.0021	9.86E+06	0.449	2864.600	6199	0	50388	0.0049	-0.0014	0.0022	9.12E+06	0.412
2735.440	4199	0	45145	0.0050	-0.0014	0.0021	9.83E+06	0.451	2865.600	6199	0	50512	0.0049	-0.0014	0.0022	9.27E+06	0.412
2736.440	4200	0	45176	0.0050	-0.0014	0.002											

2748.430	4198	0	45954	0.0050	-0.0014	0.0021	9.78E+06	0.469	2878.590	6200	0	49423	0.0049	-0.0014	0.0022	1.13E+07	0.395
2749.430	4198	0	46048	0.0050	-0.0015	0.0021	9.70E+06	0.469	2879.590	6199	0	49657	0.0049	-0.0014	0.0022	1.15E+07	0.397
2750.430	4200	0	46094	0.0050	-0.0015	0.0021	9.69E+06	0.470	2880.590	6199	0	49828	0.0049	-0.0014	0.0022	1.16E+07	0.396
2751.430	4201	0	46156	0.0050	-0.0015	0.0021	9.66E+06	0.470	2881.590	6199	0	50030	0.0049	-0.0014	0.0022	1.17E+07	0.395
2752.430	4200	0	46203	0.0050	-0.0015	0.0021	9.69E+06	0.472	2882.590	6200	0	50217	0.0049	-0.0014	0.0022	1.19E+07	0.394
2753.430	4201	0	46265	0.0051	-0.0015	0.0021	9.68E+06	0.473	2883.590	6199	0	50450	0.0049	-0.0014	0.0022	1.22E+07	0.396
2754.430	4200	0	46312	0.0051	-0.0015	0.0021	9.69E+06	0.475	2884.590	6200	0	50637	0.0049	-0.0014	0.0022	1.23E+07	0.394
2755.430	4199	0	46343	0.0051	-0.0015	0.0021	9.64E+06	0.476	2885.590	6200	0	50808	0.0050	-0.0014	0.0022	1.25E+07	0.392
2756.430	4201	0	46405	0.0051	-0.0015	0.0021	9.62E+06	0.477	2886.590	6200	0	50901	0.0050	-0.0014	0.0022	1.28E+07	0.390
2757.430	4200	0	46452	0.0051	-0.0015	0.0021	9.62E+06	0.477	2887.590	6199	0	51010	0.0050	-0.0014	0.0022	1.30E+07	0.389
2758.430	4200	0	46530	0.0051	-0.0015	0.0021	9.58E+06	0.476	2888.590	6199	0	51134	0.0050	-0.0014	0.0022	1.31E+07	0.387
2759.430	4200	0	46576	0.0051	-0.0015	0.0021	9.58E+06	0.479	2889.590	6201	0	51228	0.0050	-0.0014	0.0022	1.33E+07	0.387
2760.430	4200	0	46592	0.0051	-0.0015	0.0021	9.60E+06	0.483	2890.590	6199	0	51337	0.0050	-0.0014	0.0022	1.33E+07	0.384
2761.430	4199	0	46670	0.0051	-0.0015	0.0021	9.52E+06	0.481	2891.590	6200	0	51461	0.0050	-0.0014	0.0022	1.34E+07	0.384
2762.430	4202	0	46716	0.0051	-0.0015	0.0021	9.52E+06	0.482	2892.590	6200	0	51539	0.0050	-0.0014	0.0022	1.34E+07	0.383
2763.430	4200	0	46763	0.0051	-0.0015	0.0021	9.53E+06	0.485	2893.590	6201	0	51617	0.0050	-0.0014	0.0022	1.35E+07	0.382
2764.430	4200	0	46810	0.0051	-0.0015	0.0021	9.52E+06	0.485	2894.590	6198	0	51710	0.0050	-0.0014	0.0022	1.35E+07	0.382
2765.430	4201	0	46872	0.0051	-0.0015	0.0021	9.55E+06	0.487	2895.590	6199	0	51788	0.0051	-0.0014	0.0022	1.35E+07	0.382
2766.430	4199	0	46903	0.0051	-0.0015	0.0022	9.57E+06	0.490	2896.590	6201	0	51866	0.0051	-0.0014	0.0022	1.34E+07	0.382
2767.430	4200	0	46981	0.0051	-0.0015	0.0021	9.51E+06	0.486	2897.590	6199	0	51959	0.0051	-0.0014	0.0022	1.33E+07	0.383
2768.430	4202	0	47012	0.0051	-0.0015	0.0021	9.54E+06	0.487	2898.590	6200	0	52021	0.0051	-0.0014	0.0022	1.32E+07	0.383
2769.430	4200	0	47028	0.0051	-0.0015	0.0021	9.61E+06	0.491	2899.590	6199	0	52099	0.0051	-0.0014	0.0022	1.30E+07	0.384
2770.430	4201	0	47121	0.0051	-0.0015	0.0021	9.62E+06	0.493	2900.580	6200	0	52146	0.0051	-0.0014	0.0022	1.28E+07	0.386
2771.430	4202	0	47152	0.0052	-0.0015	0.0021	9.61E+06	0.491	2901.580	6200	0	52239	0.0051	-0.0014	0.0022	1.26E+07	0.390
2772.430	4202	0	47183	0.0052	-0.0015	0.0021	9.68E+06	0.495	2902.580	6201	0	52286	0.0051	-0.0014	0.0022	1.22E+07	0.391
2773.430	4201	0	47261	0.0052	-0.0015	0.0021	9.63E+06	0.492	2903.580	6199	0	52363	0.0051	-0.0014	0.0022	1.19E+07	0.392
2774.420	4201	0	47261	0.0052	-0.0015	0.0021	9.63E+06	0.492	2904.580	6200	0	52395	0.0051	-0.0014	0.0022	1.15E+07	0.392
2775.420	4200	0	47323	0.0052	-0.0015	0.0021	9.63E+06	0.494	2905.580	6200	0	52441	0.0051	-0.0014	0.0022	1.12E+07	0.395
2776.420	4201	0	47385	0.0052	-0.0015	0.0021	9.61E+06	0.493	2906.580	6200	0	52472	0.0051	-0.0014	0.0022	1.10E+07	0.398
2777.420	4200	0	47417	0.0052	-0.0015	0.0021	9.63E+06	0.492	2907.580	6200	0	52535	0.0051	-0.0014	0.0022	1.07E+07	0.401
2778.420	4200	0	47463	0.0052	-0.0015	0.0021	9.60E+06	0.494	2908.580	6200	0	52597	0.0051	-0.0015	0.0022	1.06E+07	0.407
2779.420	4201	0	47494	0.0052	-0.0015	0.0021	9.52E+06	0.493	2909.580	6199	0	52643	0.0051	-0.0015	0.0022	1.05E+07	0.411
2780.420	4200	0	47541	0.0052	-0.0015	0.0021	9.54E+06	0.497	2910.580	6200	0	52659	0.0051	-0.0015	0.0022	1.04E+07	0.418
2781.420	4201	0	47588	0.0052	-0.0015	0.0021	9.55E+06	0.497	2911.580	6199	0	52706	0.0051	-0.0015	0.0022	1.04E+07	0.421
2782.420	4199	0	47650	0.0052	-0.0015	0.0021	9.55E+06	0.500	2912.580	6199	0	52752	0.0051	-0.0015	0.0022	1.03E+07	0.419
2783.420	4200	0	47681	0.0052	-0.0015	0.0021	9.63E+06	0.507	2913.580	6201	0	52768	0.0051	-0.0015	0.0022	1.02E+07	0.422
2784.420	4199	0	47712	0.0052	-0.0015	0.0021	9.65E+06	0.511	2914.580	6199	0	52830	0.0051	-0.0015	0.0022	1.02E+07	0.422
2785.420	4199	0	47774	0.0052	-0.0015	0.0021	9.58E+06	0.508	2915.580	6200	0	52846	0.0052	-0.0015	0.0022	1.01E+07	0.425
2786.420	4201	0	47790	0.0052	-0.0015	0.0021	9.53E+06	0.508	2916.580	6202	0	52892	0.0052	-0.0015	0.0022	1.01E+07	0.428
2787.420	4201	0	47821	0.0052	-0.0015	0.0021	9.58E+06	0.511	2917.580	6199	0	52939	0.0052	-0.0015	0.0022	1.01E+07	0.429
2788.420	4201	0	47914	0.0052	-0.0015	0.0021	9.57E+06	0.510	2918.580	6198	0	52955	0.0052	-0.0015	0.0022	1.00E+07	0.426
2789.420	4203	0	47945	0.0052	-0.0015	0.0022	9.62E+06	0.510	2919.580	6199	0	52970	0.0052	-0.0015	0.0022	9.96E+06	0.426
2790.420	4199	0	47977	0.0052	-0.0016	0.0021	9.60E+06	0.507	2920.580	6200	0	53032	0.0052	-0.0015	0.0022	9.95E+06	0.422
2791.420	4199	0	47992	0.0052	-0.0016	0.0021	9.54E+06	0.505	2921.580	6199	0	53048	0.0052	-0.0015	0.0022	9.89E+06	0.420
2792.420	4199	0	48085	0.0053	-0.0016	0.0021	9.55E+06	0.504	2922.580	6201	0	53064	0.0052	-0.0015	0.0022	9.86E+06	0.417
2793.420	4200	0	48117	0.0052	-0.0016	0.0021	9.56E+06	0.503	2923.580	6200	0	53110	0.0052	-0.0015	0.0022	9.77E+06	0.414
2794.420	4199	0	48163	0.0052	-0.0016	0.0021	9.54E+06	0.503	2924.580	6199	0	53126	0.0052	-0.0015	0.0022	9.74E+06	0.413
2795.420	4203	0	48210	0.0053	-0.0016	0.0021	9.52E+06	0.506	2925.580	6199	0	53172	0.0052	-0.0015	0.0022	9.75E+06	0.412
2796.420	4202	0	48241	0.0053	-0.0016	0.0022	9.55E+06	0.507	2926.580	6200	0	53235	0.0052	-0.0015	0.0022	9.77E+06	0.410
2797.420	4200	0	48288	0.0053	-0.0016	0.0021	9.45E+06	0.505	2927.580	6200	0	53219	0.0052	-0.0015	0.0022	9.76E+06	0.405
2798.420	4201	0	48319	0.0053	-0.0016	0.0021	9.49E+06	0.507	2928.580	6199	0	53281	0.0052	-0.0015	0.0022	9.81E+06	0.405
2799.420	4199	0	48350	0.0053	-0.0016	0.0021	9.48E+06	0.509	2929.580	6202	0	53328	0.0052	-0.0015	0.0022	9.84E+06	0.405
2800.420	4198	0	48428	0.0053	-0.0016	0.0021	9.34E+06	0.506	2930.580	6199	0	53344	0.0052	-0.0015	0.0022	9.86E+06	0.402
2801.420	4200	0	48459	0.0053	-0.0016	0.0021	9.36E+06	0.506	2931.570	6199	0	53390	0.0052	-0.0015	0.0022	9.86E+06	0.402
2802.420	4200	0	48490	0.0053	-0.0016	0.0021	9.37E+06	0.505	2932.570	6200	0	53437	0.0052	-0.0015	0.0022	9.82E+06	0.401
2803.420	4199	0	48521	0.0053	-0.0016	0.0021	9.36E+06	0.503	2933.570	6199	0	53468	0.0052	-0.0015	0.0022	9.80E+06	0.400
2804.420	4200	0	48583	0.0053	-0.0016	0.0021	9.36E+06	0.503	2934.570	6199	0	53484	0.0052	-0.0015	0.0022	9.85E+06	0.405
2805.410	4199	0	48614	0.0053	-0.0016	0.0021	9.39E+06	0.504	2935.570	6201	0	53561	0.0052	-0.0015	0.0023	9.88E+06	0.404
2806.410	4200	0	48661	0.0053	-0.0016	0.0021	9.31E+06	0.501	2936.570	6201	0	53561	0.0052	-0.0015	0.0022	9.88E+06	0.403
2807.410	4199	0	48692	0.0053	-0.0016	0.0021	9.34E+06	0.504	2937.570	6199	0	53639	0.0052	-0.0015	0.0022	9.89E+06	0.400
2808.410	4199	0	48739	0.0053	-0.0016	0.0021	9.36E+06	0.503	2938.570	6199	0	53655	0.0052	-0.0015	0.0022	9.94E+06	0.402
2809.410	4202	0	48754	0.0053	-0.0016	0.0021	9.25E+06	0.498	2939.570	6199	0	53701	0.0053	-0.0015	0.0023	9.90E+06	0.400
2810.410	4201	0	48817	0.0053	-0.0016	0.0021	9.25E+06	0.500	2940.570	6200	0	53732	0.0053	-0.0015	0.0023	9.87E+06	0.400
2811.410	4199	0	48863	0.0053	-0.0016	0.0021	9.29E+06	0.503	2941.570	6200	0	53779	0.0052	-0.0015	0.0022	9.88E+06	0.401
2812.410	4201	0	48910	0.0053	-0.0016	0.002											

2824.410	4199	0	49408	0.0054	-0.0016	0.0021	9.15E+06	0.515	2954.570	6199	0	54292	0.0053	-0.0015	0.0022	1.01E+07	0.401
2825.410	4200	0	49439	0.0054	-0.0016	0.0021	9.09E+06	0.513	2955.570	6199	0	54355	0.0053	-0.0015	0.0023	1.01E+07	0.401
2826.410	4202	0	49486	0.0054	-0.0016	0.0021	9.12E+06	0.516	2956.570	6199	0	54401	0.0053	-0.0015	0.0023	1.02E+07	0.400
2827.410	4197	0	49532	0.0054	-0.0016	0.0021	9.07E+06	0.517	2957.570	6199	0	54433	0.0053	-0.0015	0.0023	1.02E+07	0.402
2828.410	4200	0	49579	0.0054	-0.0016	0.0021	9.06E+06	0.516	2958.570	6200	0	54479	0.0053	-0.0015	0.0023	1.02E+07	0.400
2829.410	4203	0	49610	0.0054	-0.0016	0.0021	9.05E+06	0.518	2959.570	6200	0	54526	0.0053	-0.0015	0.0023	1.02E+07	0.401
2830.410	4199	0	49657	0.0054	-0.0016	0.0021	8.82E+06	0.522	2960.570	6199	0	54557	0.0053	-0.0015	0.0023	1.01E+07	0.402
2831.410	4199	0	49703	0.0054	-0.0016	0.0021	8.81E+06	0.524	2961.570	6200	0	54604	0.0053	-0.0015	0.0023	1.01E+07	0.400
2832.410	4200	0	49719	0.0054	-0.0016	0.0021	8.83E+06	0.524	2962.560	6201	0	54650	0.0053	-0.0015	0.0023	1.01E+07	0.400
2833.410	4202	0	49781	0.0054	-0.0016	0.0021	8.82E+06	0.528	2963.560	6201	0	54728	0.0053	-0.0015	0.0023	9.98E+06	0.399
2834.410	4201	0	49812	0.0054	-0.0016	0.0022	8.84E+06	0.534	2964.560	6200	0	54759	0.0054	-0.0015	0.0023	1.00E+07	0.401
2835.410	4201	0	49874	0.0054	-0.0016	0.0021	8.79E+06	0.536	2965.560	6200	0	54775	0.0054	-0.0015	0.0023	1.00E+07	0.403
2836.410	4201	0	49921	0.0054	-0.0017	0.0021	8.72E+06	0.535	2966.560	6201	0	54853	0.0053	-0.0015	0.0023	1.01E+07	0.403
2837.400	4200	0	49952	0.0054	-0.0017	0.0021	8.68E+06	0.535	2967.560	6199	0	54884	0.0054	-0.0015	0.0023	1.00E+07	0.403
2838.400	4201	0	49952	0.0055	-0.0017	0.0021	8.70E+06	0.537	2968.560	6199	0	54930	0.0054	-0.0015	0.0023	1.00E+07	0.403
2839.400	4200	0	50014	0.0055	-0.0017	0.0021	8.67E+06	0.537	2969.560	6199	0	54961	0.0054	-0.0015	0.0023	1.01E+07	0.405
2840.400	4201	0	50046	0.0055	-0.0017	0.0021	8.60E+06	0.536	2970.560	6201	0	55008	0.0054	-0.0016	0.0023	1.00E+07	0.404
2841.400	4200	0	50092	0.0055	-0.0017	0.0021	8.53E+06	0.535	2971.560	6201	0	55070	0.0054	-0.0016	0.0023	1.00E+07	0.404
2842.400	4199	0	50139	0.0055	-0.0017	0.0021	8.47E+06	0.534	2972.560	6199	0	55101	0.0054	-0.0015	0.0023	1.00E+07	0.407
2843.400	4199	0	50170	0.0055	-0.0017	0.0021	8.54E+06	0.540	2973.560	6200	0	55164	0.0054	-0.0016	0.0023	1.00E+07	0.405
2844.400	4202	0	50217	0.0055	-0.0017	0.0021	8.60E+06	0.542	2974.560	6200	0	55226	0.0054	-0.0016	0.0023	9.92E+06	0.404
2845.400	4201	0	50232	0.0055	-0.0017	0.0021	8.57E+06	0.543	2975.560	6199	0	55241	0.0054	-0.0016	0.0023	9.91E+06	0.405
2846.400	4199	0	50294	0.0055	-0.0017	0.0021	8.50E+06	0.549	2976.560	6200	0	55304	0.0054	-0.0016	0.0023	9.93E+06	0.406
2847.400	4201	0	50326	0.0055	-0.0017	0.0021	8.43E+06	0.552	2977.560	6200	0	55335	0.0054	-0.0016	0.0023	9.95E+06	0.407
2848.400	4200	0	50388	0.0055	-0.0017	0.0021	8.25E+06	0.545	2978.560	6199	0	55350	0.0054	-0.0016	0.0023	9.91E+06	0.404
2849.400	4199	0	50419	0.0055	-0.0017	0.0021	8.26E+06	0.550	2979.560	6200	0	55444	0.0054	-0.0016	0.0023	9.88E+06	0.405
2850.400	4200	0	50434	0.0055	-0.0017	0.0021	8.28E+06	0.557	2980.560	6199	0	55475	0.0054	-0.0016	0.0023	9.92E+06	0.407
2851.400	4199	0	50497	0.0055	-0.0017	0.0021	8.08E+06	0.553	2981.560	6199	0	55553	0.0054	-0.0016	0.0023	9.91E+06	0.404
2852.400	4200	0	50528	0.0055	-0.0017	0.0021	7.97E+06	0.549	2982.560	6200	0	55568	0.0054	-0.0016	0.0023	9.90E+06	0.407
2853.400	4201	0	50559	0.0055	-0.0017	0.0021	7.85E+06	0.543	2983.560	6199	0	55599	0.0054	-0.0016	0.0023	9.89E+06	0.406
2853.780	4200	0	50621	0.0055	-0.0017	0.0021	7.75E+06	0.540	2984.560	6199	0	55646	0.0054	-0.0016	0.0023	9.85E+06	0.406
2855.780	4199	0	50248	0.0055	-0.0017	0.0021	7.80E+06	0.547	2985.560	6200	0	55693	0.0054	-0.0016	0.0023	9.83E+06	0.408
									2986.560	6199	0	55708	0.0054	-0.0016	0.0023	9.85E+06	0.412
									2987.560	6200	0	55786	0.0055	-0.0016	0.0023	9.85E+06	0.413
									2988.560	6199	0	55801	0.0055	-0.0016	0.0023	9.86E+06	0.415
									2989.560	6199	0	55864	0.0055	-0.0016	0.0023	9.88E+06	0.415
									2990.560	6200	0	55926	0.0054	-0.0016	0.0023	9.88E+06	0.416
									2991.560	6200	0	55973	0.0054	-0.0016	0.0023	9.76E+06	0.416
									2992.560	6201	0	56035	0.0055	-0.0016	0.0023	9.73E+06	0.418
									2993.550	6199	0	56050	0.0055	-0.0016	0.0023	9.71E+06	0.419
									2994.550	6201	0	56128	0.0055	-0.0016	0.0023	9.74E+06	0.421
									2995.550	6199	0	56128	0.0055	-0.0016	0.0023	9.72E+06	0.420
									2996.550	6199	0	56190	0.0055	-0.0016	0.0023	9.71E+06	0.420
									2997.550	6199	0	56237	0.0055	-0.0016	0.0023	9.75E+06	0.421
									2998.550	6200	0	56299	0.0055	-0.0016	0.0023	9.75E+06	0.421
									2999.550	6199	0	56346	0.0055	-0.0016	0.0023	9.77E+06	0.422
									3000.550	6199	0	56408	0.0055	-0.0016	0.0023	9.84E+06	0.426
									3001.550	6201	0	56455	0.0055	-0.0016	0.0023	9.85E+06	0.426
									3002.550	6201	0	56502	0.0055	-0.0016	0.0023	9.87E+06	0.425
									3003.550	6200	0	56517	0.0055	-0.0016	0.0023	9.90E+06	0.426
									3004.550	6199	0	56564	0.0055	-0.0016	0.0023	9.91E+06	0.428
									3005.550	6200	0	56657	0.0055	-0.0016	0.0023	9.93E+06	0.430
									3006.550	6200	0	56673	0.0055	-0.0016	0.0023	1.00E+07	0.432
									3007.550	6200	0	56735	0.0055	-0.0016	0.0023	1.01E+07	0.433
									3008.550	6202	0	56782	0.0055	-0.0016	0.0023	1.00E+07	0.430
									3009.550	6201	0	56844	0.0056	-0.0016	0.0023	1.00E+07	0.429
									3010.550	6199	0	56875	0.0055	-0.0016	0.0023	9.98E+06	0.431
									3011.550	6200	0	56922	0.0056	-0.0016	0.0023	9.98E+06	0.432
									3012.550	6201	0	56968	0.0056	-0.0016	0.0023	9.95E+06	0.431
									3013.550	6198	0	56999	0.0056	-0.0016	0.0023	9.95E+06	0.432
									3014.550	6200	0	57062	0.0056	-0.0016	0.0023	9.91E+06	0.433
									3015.550	6199	0	57093	0.0056	-0.0016	0.0023	9.91E+06	0.434
									3016.550	6199	0	57139	0.0056	-0.0016	0.0023	9.94E+06	0.439
									3017.550	6201	0	57186	0.0056	-0.0016	0.0023	1.00E+07	0.440
									3018.550	6201	0	57248	0.0056	-0.0016	0.0023	1.01E+07	0.441
									3019.550	6199	0	57279	0.0056	-0.0016	0.0023	9.98E+06	0.441
									3020.550	6200	0	57342	0.0056	-0.0016	0.0023	1.00E+07	0.445
									3021.550	6200	0	57388	0.0056	-0.0016	0.0023	9.99E+06	0.446
									3022.550	6200	0	57435	0.0056	-0.0016	0.0023	9.97E+06	0.447
									3023.550	6199	0	57497	0.0056	-0.0017	0.0023	9.96E+06	0.451
									3024.550	6201	0	57559	0.0056	-0.0017	0.0023	1.00E+07	0.451
									3025.540	6199	0	57559	0.0056	-0.0017	0.0023	9.96E+06	0.448
									3026.540	6200	0	57637	0.0056	-0.0017	0.0023	9.97E+06	0.448
									3027.540	6199	0	57668	0.0056	-0.0017	0.0023	9.95E+06	0.447
									3028.540	6201	0	57715	0.0056	-0.0017	0.0023	9.93E+06	0.446
									3029.540	6199	0	57793	0.0057	-0.0017	0.0023	9.92E+06	0.444



3030.540	6199	0	57824	0.0056	-0.0017	0.0023	9.94E+06	0.446
3031.540	6199	0	57886	0.0056	-0.0017	0.0023	9.97E+06	0.448
3032.540	6201	0	57933	0.0057	-0.0017	0.0023	9.92E+06	0.445
3033.540	6199	0	57964	0.0057	-0.0017	0.0023	9.88E+06	0.444
3034.540	6199	0	58011	0.0057	-0.0017	0.0023	9.84E+06	0.444
3035.540	6199	0	58073	0.0057	-0.0017	0.0023	9.78E+06	0.442
3036.540	6199	0	58135	0.0057	-0.0017	0.0023	9.83E+06	0.445
3037.540	6200	0	58166	0.0057	-0.0017	0.0023	9.84E+06	0.447
3038.540	6199	0	58213	0.0057	-0.0017	0.0023	9.83E+06	0.447
3039.540	6200	0	58291	0.0057	-0.0017	0.0023	9.80E+06	0.448
3040.540	6199	0	58322	0.0057	-0.0017	0.0023	9.75E+06	0.447
3041.540	6199	0	58368	0.0057	-0.0017	0.0023	9.78E+06	0.448
3042.540	6200	0	58399	0.0057	-0.0017	0.0023	9.77E+06	0.449
3043.540	6199	0	58462	0.0057	-0.0017	0.0023	9.73E+06	0.450
3044.540	6201	0	58493	0.0057	-0.0017	0.0023	9.73E+06	0.451
3045.540	6200	0	58555	0.0057	-0.0017	0.0023	9.73E+06	0.450
3046.540	6200	0	58602	0.0057	-0.0017	0.0023	9.66E+06	0.450
3047.540	6199	0	58648	0.0057	-0.0017	0.0023	9.66E+06	0.452
3048.540	6201	0	58695	0.0057	-0.0017	0.0023	9.68E+06	0.450
3049.540	6199	0	58757	0.0057	-0.0017	0.0023	9.66E+06	0.451
3050.540	6199	0	58788	0.0057	-0.0017	0.0023	9.65E+06	0.452
3051.540	6202	0	58851	0.0057	-0.0017	0.0023	9.68E+06	0.455
3052.540	6199	0	58913	0.0058	-0.0017	0.0023	9.65E+06	0.454
3053.540	6199	0	58928	0.0058	-0.0017	0.0023	9.64E+06	0.457
3054.540	6199	0	58991	0.0058	-0.0017	0.0023	9.66E+06	0.457
3055.540	6199	0	59022	0.0058	-0.0017	0.0023	9.62E+06	0.457
3056.530	6199	0	59068	0.0058	-0.0017	0.0023	9.64E+06	0.459
3057.530	6200	0	59099	0.0058	-0.0017	0.0023	9.69E+06	0.462
3058.530	6200	0	59162	0.0058	-0.0017	0.0023	9.71E+06	0.463
3059.530	6201	0	59208	0.0058	-0.0017	0.0023	9.68E+06	0.459
3060.530	6200	0	59271	0.0058	-0.0017	0.0023	9.72E+06	0.460
3061.530	6198	0	59317	0.0058	-0.0017	0.0023	9.67E+06	0.462
3062.530	6199	0	59380	0.0058	-0.0017	0.0023	9.63E+06	0.463
3063.530	6199	0	59426	0.0058	-0.0017	0.0023	9.60E+06	0.461
3064.530	6199	0	59488	0.0058	-0.0017	0.0023	9.53E+06	0.460
3065.530	6200	0	59520	0.0058	-0.0017	0.0023	9.49E+06	0.461
3066.530	6200	0	59582	0.0058	-0.0017	0.0023	9.52E+06	0.463
3067.530	6200	0	59628	0.0058	-0.0017	0.0023	9.51E+06	0.465
3068.530	6200	0	59659	0.0058	-0.0018	0.0023	9.51E+06	0.467
3069.530	6199	0	59737	0.0058	-0.0018	0.0023	9.57E+06	0.470
3070.530	6200	0	59784	0.0058	-0.0018	0.0023	9.47E+06	0.468
3071.530	6199	0	59831	0.0059	-0.0018	0.0023	9.46E+06	0.470
3072.530	6199	0	59877	0.0059	-0.0018	0.0023	9.49E+06	0.473
3073.530	6199	0	59940	0.0059	-0.0018	0.0023	9.45E+06	0.474
3074.530	6200	0	59971	0.0059	-0.0018	0.0023	9.44E+06	0.475
3075.530	6200	0	60033	0.0059	-0.0018	0.0023	9.49E+06	0.478
3076.530	6200	0	60111	0.0059	-0.0018	0.0023	9.49E+06	0.478
3077.530	6200	0	60142	0.0059	-0.0018	0.0023	9.50E+06	0.479
3078.530	6199	0	60173	0.0059	-0.0018	0.0023	9.52E+06	0.479
3079.530	6199	0	60204	0.0059	-0.0018	0.0023	9.46E+06	0.480
3080.530	6198	0	60282	0.0059	-0.0018	0.0023	9.48E+06	0.480
3081.530	6199	0	60313	0.0059	-0.0018	0.0023	9.55E+06	0.485
3082.530	6199	0	60375	0.0059	-0.0018	0.0023	9.53E+06	0.485
3083.530	6199	0	60437	0.0059	-0.0018	0.0023	9.48E+06	0.483
3084.530	6199	0	60500	0.0059	-0.0018	0.0023	9.47E+06	0.484
3085.530	6199	0	60500	0.0059	-0.0018	0.0023	9.41E+06	0.484
3086.530	6199	0	60515	0.0059	-0.0018	0.0023	9.38E+06	0.485
3087.520	6199	0	60577	0.0059	-0.0018	0.0023	9.39E+06	0.486
3088.520	6200	0	60655	0.0059	-0.0018	0.0023	9.33E+06	0.486
3089.520	6199	0	60702	0.0060	-0.0018	0.0023	9.27E+06	0.485
3090.520	6200	0	60748	0.0060	-0.0018	0.0023	9.27E+06	0.484
3091.520	6201	0	60780	0.0059	-0.0018	0.0023	9.22E+06	0.485
3092.520	6199	0	60826	0.0060	-0.0018	0.0023	9.20E+06	0.484
3093.520	6200	0	60873	0.0060	-0.0018	0.0023	9.23E+06	0.485
3094.520	6200	0	60966	0.0060	-0.0018	0.0023	9.17E+06	0.486
3095.520	6199	0	61028	0.0060	-0.0018	0.0023	9.13E+06	0.485
3096.520	6199	0	61013	0.0060	-0.0018	0.0023	9.17E+06	0.487
3097.520	6200	0	61091	0.0060	-0.0018	0.0023	9.14E+06	0.488
3098.520	6199	0	61122	0.0060	-0.0018	0.0023	9.13E+06	0.489
3099.520	6198	0	61215	0.0060	-0.0018	0.0023	9.12E+06	0.488
3100.520	6199	0	61262	0.0060	-0.0018	0.0023	9.08E+06	0.489
3101.520	6199	0	61293	0.0060	-0.0018	0.0023	9.02E+06	0.490
3102.520	6200	0	61340	0.0060	-0.0018	0.0023	9.06E+06	0.494
3103.520	6200	0	61355	0.0060	-0.0018	0.0023	9.01E+06	0.494
3104.520	6198	0	61386	0.0060	-0.0018	0.0023	9.00E+06	0.498
3105.520	6199	0	61449	0.0060	-0.0018	0.0023	9.00E+06	0.500

3106.520	6200	0	61542	0.0060	-0.0018	0.0023	8.90E+06	0.498
3107.520	6201	0	61542	0.0060	-0.0019	0.0023	8.89E+06	0.499
3108.520	6200	0	61589	0.0060	-0.0019	0.0023	8.92E+06	0.504
3109.520	6202	0	61620	0.0060	-0.0019	0.0023	8.89E+06	0.503
3110.520	6200	0	61697	0.0061	-0.0019	0.0023	8.87E+06	0.501
3111.520	6200	0	61729	0.0061	-0.0019	0.0023	8.87E+06	0.500
3112.520	6199	0	61744	0.0061	-0.0019	0.0023	8.82E+06	0.500
3113.520	6199	0	61806	0.0061	-0.0019	0.0023	8.81E+06	0.503
3114.520	6199	0	61822	0.0061	-0.0019	0.0023	8.82E+06	0.503
3115.520	6200	0	61915	0.0061	-0.0019	0.0023	8.78E+06	0.503
3116.520	6202	0	61931	0.0061	-0.0019	0.0023	8.73E+06	0.504
3117.520	6202	0	61993	0.0061	-0.0019	0.0023	8.77E+06	0.507
3118.510	6200	0	62055	0.0061	-0.0019	0.0023	8.74E+06	0.509
3119.510	6200	0	62071	0.0061	-0.0019	0.0023	8.77E+06	0.512
3120.510	6199	0	62117	0.0061	-0.0019	0.0023	8.78E+06	0.511
3121.510	6199	0	62164	0.0061	-0.0019	0.0023	8.72E+06	0.509
3122.510	6200	0	62242	0.0061	-0.0019	0.0023	8.65E+06	0.506
3123.510	6199	0	62257	0.0061	-0.0019	0.0023	8.69E+06	0.510
3124.510	6199	0	62304	0.0061	-0.0019	0.0023	8.64E+06	0.509
3125.510	6200	0	62366	0.0061	-0.0019	0.0023	8.69E+06	0.512
3126.510	6199	0	62382	0.0061	-0.0019	0.0023	8.73E+06	0.512
3127.510	6198	0	62413	0.0061	-0.0019	0.0023	8.73E+06	0.514
3128.510	6198	0	62491	0.0061	-0.0019	0.0023	8.69E+06	0.515
3129.510	6199	0	62538	0.0061	-0.0019	0.0023	8.72E+06	0.516
3130.510	6201	0	62569	0.0062	-0.0019	0.0023	8.70E+06	0.517
3131.510	6200	0	62631	0.0062	-0.0019	0.0023	8.76E+06	0.521
3132.510	6201	0	62662	0.0062	-0.0019	0.0023	8.83E+06	0.523
3133.510	6201	0	62709	0.0062	-0.0019	0.0023	8.80E+06	0.524
3134.510	6201	0	62724	0.0062	-0.0019	0.0023	8.78E+06	0.523
3135.510	6200	0	62802	0.0062	-0.0019	0.0023	8.79E+06	0.525
3136.510	6199	0	62833	0.0062	-0.0019	0.0023	8.75E+06	0.524
3137.510	6199	0	62864	0.0062	-0.0019	0.0023	8.80E+06	0.529
3138.510	6200	0	62895	0.0062	-0.0019	0.0023	8.82E+06	0.529
3139.510	6199	0	62958	0.0062	-0.0019	0.0023	8.77E+06	0.528
3140.510	6200	0	62973	0.0062	-0.0019	0.0023	8.76E+06	0.528
3141.510	6199	0	63020	0.0062	-0.0019	0.0023	8.77E+06	0.526
3142.510	6200	0	63082	0.0062	-0.0019	0.0023	8.74E+06	0.525
3143.510	6199	0	63129	0.0062	-0.0019	0.0023	8.78E+06	0.528
3144.510	6199	0	63144	0.0062	-0.0019	0.0023	8.79E+06	0.527
3145.510	6200	0	63191	0.0062	-0.0019	0.0023	8.75E+06	0.528
3146.510	6200	0	63238	0.0062	-0.0019	0.0023	8.66E+06	0.525
3147.510	6200	0	63284	0.0062	-0.0020	0.0023	8.71E+06	0.528
3148.510	6201	0	63362	0.0062	-0.0020	0.0023	8.69E+06	0.527
3149.510	6200	0	63393	0.0063	-0.0020	0.0023	8.73E+06	0.530
3150.500	6200	0	63424	0.0062	-0.0020	0.0023	8.77E+06	0.533
3151.500	6199	0	63502	0.0063	-0.0020	0.0023	8.76E+06	0.535
3152.500	6200	0	63502	0.0063	-0.0020	0.0023	8.70E+06	0.534
3153.500	6200	0	63564	0.0063	-0.0020	0.0023	8.65E+06	0.535
3154.500	6200	0	63611	0.0063	-0.0020	0.0023	8.56E+06	0.533
3155.500	6199	0	63673	0.0063	-0.0020	0.0023	8.62E+06	0.538
3156.500	6199	0	63673	0.0063	-0.0020	0.0023	8.64E+06	0.541
3157.500	6201	0	63735	0.0063	-0.0020	0.0023	8.57E+06	0.540
3158.500	6199	0	63751	0.0063	-0.0020	0.0023	8.53E+06	0.540
3159.500	6201	0	63813	0.0063	-0.0020	0.0023	8.59E+06	0.543
3160.500	6200	0	63860	0.0063	-0.0020	0.0023	8.58E+06	0.543
3161.500	6200	0	63906	0.0063	-0.0020	0.0023	8.65E+06	0.545
3162.500	6199	0	63953	0.0063	-0.0020	0.0023	8.69E+06	0.547
3163.500	6200	0	64015	0.0063	-0.0020	0.0023	8.67E+06	0.545
3164.500	6200	0	64046	0.0063	-0.0020	0.0023	8.69E+06	0.543
3165.500	6202	0	64093	0.0063	-0.0020	0.0023	8.71E+06	0.542
3166.500	6199	0	64124	0.0063	-0.0020	0.0023	8.73E+06	0.542
3167.500	6200	0	64171	0.0063	-0.0020	0.0023	8.74E+06	0.543
3168.500	6201	0	64218	0.0063	-0.0020	0.0023	8.80E+06	0.548
3169.500	6199	0	64264	0.0063	-0.0020	0.0023	8.80E+06	0.549
3170.500	6199	0	64295	0.0063	-0.0020	0.0023	8.85E+06	0.552
3171.500	6200	0	64311	0.0064	-0.0020	0.0023	8.87E+06	0.554
3172.500	6199	0	64373	0.0064	-0.0020	0.0023	8.80E+06	0.553
3173.500	6200	0	64420	0.0064	-0.0020	0.0023	8.79E+06	0.552
3174.500	6200	0	64435	0.0064	-0.0020	0.0023	8.80E+06	0.556
3175.500	6199	0	64498	0.0064	-0.0020	0.0023	8.78E+06	0.556
3176.500	6201	0	64544	0.0064	-0.0020	0.0023	8.80E+06	0.558
3177.500	6200	0	64591	0.0064	-0.0020	0.0023	8.82E+06	0.560
3178.500	6199	0	64622	0.0064	-0.0020	0.0023	8.81E+06	0.562
3179.500	6199	0	64622	0.0064	-0.0020	0.0023	8.82E+06	0.568
3180.500	6199	0	64700	0.0064	-0.0020	0.0023	8.85E+06	0.571
3181.490	6199	0	64731	0.0064	-0.0020	0.0023	8.81E+06	0.570

3182.490	6201	0	64778	0.0064	-0.0020	0.0023	8.83E+06	0.575
3183.490	6200	0	64887	0.0064	-0.0021	0.0023	8.84E+06	0.578
3184.490	6199	0	64980	0.0064	-0.0021	0.0023	8.82E+06	0.581
3185.490	6199	0	65073	0.0064	-0.0021	0.0023	8.82E+06	0.582
3186.490	6199	0	65120	0.0064	-0.0021	0.0023	8.84E+06	0.587
3187.490	6198	0	65213	0.0064	-0.0021	0.0023	8.81E+06	0.590
3188.490	6199	0	65244	0.0065	-0.0021	0.0023	8.86E+06	0.596
3189.490	6199	0	65338	0.0065	-0.0021	0.0023	8.83E+06	0.599
3190.490	6200	0	65431	0.0065	-0.0021	0.0023	8.80E+06	0.603
3191.490	6201	0	65493	0.0065	-0.0021	0.0023	8.82E+06	0.608
3192.490	6199	0	65540	0.0065	-0.0021	0.0023	8.80E+06	0.610
3193.490	6199	0	65587	0.0065	-0.0021	0.0023	8.75E+06	0.610
3194.490	6199	0	65649	0.0065	-0.0021	0.0023	8.75E+06	0.613
3195.490	6199	0	65742	0.0065	-0.0021	0.0023	8.73E+06	0.616
3196.490	6200	0	65789	0.0065	-0.0021	0.0023	8.68E+06	0.621
3197.490	6200	0	65867	0.0065	-0.0021	0.0023	8.64E+06	0.623
3198.490	6200	0	65898	0.0065	-0.0021	0.0023	8.64E+06	0.626
3199.490	6202	0	65929	0.0065	-0.0021	0.0023	8.57E+06	0.626
3200.490	6201	0	65991	0.0065	-0.0021	0.0023	8.53E+06	0.631
3201.490	6199	0	66038	0.0065	-0.0021	0.0023	8.55E+06	0.637
3202.490	6200	0	66084	0.0066	-0.0021	0.0023	8.53E+06	0.643
3203.490	6199	0	66131	0.0066	-0.0021	0.0023	8.51E+06	0.647
3204.490	6199	0	66193	0.0066	-0.0021	0.0023	8.43E+06	0.649
3205.490	6199	0	66240	0.0066	-0.0021	0.0023	8.34E+06	0.651
3206.490	6199	0	66287	0.0066	-0.0022	0.0023	8.33E+06	0.659
3207.490	6199	0	66333	0.0066	-0.0022	0.0023	8.26E+06	0.664
3208.490	6200	0	66395	0.0066	-0.0022	0.0023	8.22E+06	0.672
3209.490	6199	0	66427	0.0066	-0.0022	0.0023	8.17E+06	0.677
3210.490	6200	0	66473	0.0066	-0.0022	0.0023	8.13E+06	0.679
3211.490	6199	0	66520	0.0066	-0.0022	0.0023	8.08E+06	0.682
3212.480	6199	0	66567	0.0066	-0.0022	0.0023	8.08E+06	0.689
3213.480	6199	0	66644	0.0066	-0.0022	0.0023	8.05E+06	0.693
3214.480	6200	0	66629	0.0066	-0.0022	0.0023	8.01E+06	0.696
3215.480	6201	0	66691	0.0066	-0.0022	0.0022	8.00E+06	0.697
3216.480	6202	0	66738	0.0066	-0.0022	0.0022	7.96E+06	0.699
3217.480	6199	0	66753	0.0066	-0.0022	0.0023	7.92E+06	0.696
3218.480	6200	0	66816	0.0066	-0.0022	0.0023	7.87E+06	0.695
3219.480	6200	0	66862	0.0066	-0.0022	0.0023	7.85E+06	0.700
3220.480	6200	0	66878	0.0067	-0.0022	0.0022	7.83E+06	0.702
3221.480	6199	0	66909	0.0067	-0.0022	0.0022	7.87E+06	0.708
3222.480	6199	0	66956	0.0067	-0.0022	0.0022	7.87E+06	0.712
3223.480	6200	0	66987	0.0067	-0.0022	0.0022	7.80E+06	0.709
3224.480	6201	0	67033	0.0067	-0.0022	0.0022	7.77E+06	0.707
3225.480	6200	0	67064	0.0067	-0.0022	0.0022	7.73E+06	0.705
3226.480	6200	0	67111	0.0067	-0.0022	0.0022	7.73E+06	0.705
3227.480	6201	0	67142	0.0067	-0.0022	0.0022	7.70E+06	0.703
3228.480	6199	0	67189	0.0067	-0.0022	0.0022	7.65E+06	0.700
3229.480	6198	0	67204	0.0067	-0.0022	0.0022	7.56E+06	0.697
3230.480	6199	0	67220	0.0067	-0.0022	0.0022	7.58E+06	0.703
3231.480	6199	0	67267	0.0067	-0.0022	0.0022	7.60E+06	0.707
3232.480	6201	0	67298	0.0067	-0.0022	0.0022	7.59E+06	0.705
3233.480	6200	0	67344	0.0067	-0.0023	0.0022	7.59E+06	0.706
3234.480	6199	0	67376	0.0067	-0.0023	0.0022	7.61E+06	0.708
3235.480	6199	0	67391	0.0067	-0.0022	0.0022	7.56E+06	0.706
3236.480	6201	0	67453	0.0067	-0.0023	0.0022	7.55E+06	0.703
3237.480	6200	0	67453	0.0067	-0.0023	0.0022	7.56E+06	0.703
3238.480	6199	0	67500	0.0067	-0.0023	0.0022	7.57E+06	0.703
3239.480	6199	0	67531	0.0067	-0.0023	0.0022	7.63E+06	0.707
3240.480	6199	0	67593	0.0067	-0.0023	0.0022	7.61E+06	0.709
3241.480	6201	0	67609	0.0067	-0.0023	0.0022	7.58E+06	0.710
3242.480	6203	0	67671	0.0067	-0.0023	0.0022	7.61E+06	0.715
3243.470	6199	0	67687	0.0068	-0.0023	0.0022	7.62E+06	0.715
3244.470	6199	0	67702	0.0068	-0.0023	0.0022	7.63E+06	0.712
3245.470	6200	0	67733	0.0068	-0.0023	0.0022	7.63E+06	0.710
3246.470	6200	0	67796	0.0068	-0.0023	0.0022	7.64E+06	0.709
3247.470	6200	0	67811	0.0068	-0.0023	0.0022	7.59E+06	0.707
3248.470	6200	0	67842	0.0068	-0.0023	0.0022	7.60E+06	0.705
3249.470	6199	0	67889	0.0068	-0.0023	0.0022	7.62E+06	0.708
3250.470	6200	0	67936	0.0068	-0.0023	0.0022	7.62E+06	0.709
3251.470	6199	0	67951	0.0068	-0.0023	0.0022	7.59E+06	0.708
3252.470	6198	0	67936	0.0068	-0.0023	0.0022	7.63E+06	0.711
3253.470	6199	0	67998	0.0068	-0.0023	0.0022	7.57E+06	0.705
3254.470	6200	0	67998	0.0068	-0.0023	0.0022	7.58E+06	0.705
3255.470	6199	0	68091	0.0068	-0.0023	0.0022	7.59E+06	0.706
3256.470	6199	0	68091	0.0068	-0.0023	0.0022	7.57E+06	0.705
3257.470	6201	0	68153	0.0068	-0.0023	0.0022	7.57E+06	0.707

					3258.470	6202	0	68153	0.0068	-0.0023	0.0022	7.53E+06	0.706
					3259.470	6200	0	68185	0.0068	-0.0023	0.0022	7.55E+06	0.711
					3260.470	6199	0	68185	0.0068	-0.0023	0.0022	7.60E+06	0.716
					3261.470	6199	0	68262	0.0068	-0.0023	0.0022	7.59E+06	0.714
					3262.470	6200	0	68293	0.0068	-0.0023	0.0022	7.63E+06	0.718
					3263.470	6200	0	68340	0.0068	-0.0023	0.0022	7.63E+06	0.719
					3264.470	6199	0	68356	0.0068	-0.0023	0.0022	7.62E+06	0.719
					3265.470	6199	0	68371	0.0068	-0.0023	0.0022	7.59E+06	0.716
					3266.470	6201	0	68433	0.0069	-0.0023	0.0022	7.65E+06	0.721
					3267.470	6200	0	68433	0.0068	-0.0023	0.0022	7.64E+06	0.721
					3268.470	6200	0	68465	0.0069	-0.0024	0.0022	7.66E+06	0.721
					3269.470	6200	0	68527	0.0069	-0.0024	0.0022	7.68E+06	0.722
					3270.470	6199	0	68511	0.0069	-0.0024	0.0021	7.67E+06	0.721
					3271.470	6199	0	68605	0.0069	-0.0024	0.0022	7.67E+06	0.720
					3272.470	6203	0	68605	0.0069	-0.0024	0.0022	7.74E+06	0.727
					3273.470	6199	0	68636	0.0069	-0.0024	0.0022	7.73E+06	0.726
					3274.470	6200	0	68667	0.0069	-0.0024	0.0021	7.71E+06	0.726
					3275.460	6199	0	68698	0.0069	-0.0024	0.0021	7.71E+06	0.727
					3276.460	6199	0	68729	0.0069	-0.0024	0.0021	7.69E+06	0.724
					3277.460	6199	0	68745	0.0069	-0.0024	0.0021	7.73E+06	0.725
					3278.460	6201	0	68791	0.0069	-0.0024	0.0021	7.74E+06	0.725
					3279.460	6199	0	68838	0.0069	-0.0024	0.0021	7.71E+06	0.724
					3280.460	6200	0	68853	0.0069	-0.0024	0.0021	7.67E+06	0.724
					3281.460	6201	0	68885	0.0069	-0.0024	0.0021	7.68E+06	0.725
					3282.460	6201	0	68916	0.0069	-0.0024	0.0021	7.68E+06	0.727
					3283.460	6200	0	68962	0.0069	-0.0024	0.0021	7.72E+06	0.729
					3284.460	6201	0	68978	0.0069	-0.0024	0.0021	7.73E+06	0.731
					3285.460	6200	0	69056	0.0069	-0.0024	0.0021	7.74E+06	0.733
					3286.460	6199	0	69071	0.0069	-0.0024	0.0021	7.72E+06	0.734
					3287.460	6199	0	69087	0.0069	-0.0024	0.0021	7.76E+06	0.737
					3288.460	6200	0	69118	0.0069	-0.0024	0.0021	7.73E+06	0.736
					3289.460	6200	0	69149	0.0069	-0.0024	0.0021	7.72E+06	0.735
					3290.460	6199	0	69180	0.0070	-0.0024	0.0021	7.72E+06	0.739
					3291.460	6199	0	69211	0.0069	-0.0024	0.0021	7.70E+06	0.738
					3292.460	6199	0	69258	0.0070	-0.0024	0.0021	7.73E+06	0.743
					3293.460	6199	0	69258	0.0070	-0.0024	0.0021	7.77E+06	0.749
					3294.460	6199	0	69320	0.0070	-0.0024	0.0021	7.79E+06	0.753
					3295.460	6199	0	69367	0.0070	-0.0024	0.0021	7.78E+06	0.751
					3296.460	6199	0	69413	0.0070	-0.0024	0.0021	7.75E+06	0.751
					3297.460	6200	0	69445	0.0070	-0.0024	0.0021	7.78E+06	0.752
					3298.460	6200	0	69460	0.0070	-0.0024	0.0021	7.80E+06	0.752
					3299.460	6199	0	69491	0.0070	-0.0025	0.0021	7.80E+06	0.752
					3300.460	6200	0	69522	0.0070	-0.0025	0.0021	7.77E+06	0.751
					3301.460	6201	0	69553	0.0070	-0.0025	0.0021	7.77E+06	0.757
					3302.460	6201	0	69600	0.0070	-0.0025	0.0021	7.75E+06	0.758
					3303.460	6199	0	69631	0.0070	-0.0025	0.0021	7.79E+06	0.766
					3304.460	6201	0	69662	0.0070	-0.0025	0.0021	7.72E+06	0.759
					3305.460	6199	0	69694	0.0070	-0.0025	0.0021	7.69E+06	0.759
					3306.450	6200	0	69725	0.0070	-0.0025	0.0021	7.72E+06	0.765
					3307.450	6201	0	69740	0.0070	-0.0025	0.0021	7.69E+06	0.762
					3308.450	6200	0	69787	0.0070	-0.0025	0.0021	7.68E+06	0.763
					3309.450	6201	0	69834	0.0070	-0.0025	0.0021	7.66E+06	0.765
					3310.450	6199	0	69834	0.0070	-0.0025	0.0021	7.64E+06	0.766
					3311.450	6199	0	69865	0.0070	-0.0025	0.0021	7.63E+06	0.765
					3312.450	6199	0	69942	0.0070	-0.0025	0.0021	7.63E+06	0.766
					3313.450	6201	0	69958	0.0071	-0.0025	0.0021	7.64E+06	0.770
					3314.450	6200	0	69974	0.0071	-0.0025	0.0021	7.64E+06	0.772
					3315.450	6199	0	70020	0.0071	-0.0025	0.0021	7.58E+06	0.772
					3316.450	6199	0	70067	0.0071	-0.0025	0.0021	7.52E+06	0.773
					3317.450	6199	0	70082	0.0071	-0.0025	0.0020	7.54E+06	0.777
					3318.450	6199	0	70129	0.0071	-0.0025	0.0020	7.54E+06	0.778
					3319.450	6199	0	70176	0.0071	-0.0025	0.0020	7.53E+06	0.782
					3320.450	6199	0	70207	0.0071	-0.0025	0.0020	7.51E+06	0.781
					3321.450	6199	0	70222	0.0071	-0.0025	0.0020	7.50E+06	0.779
					3322.450	6200	0	70269	0.0071	-0.0025	0.0020	7.53E+06	0.783
					3323.450	6200	0	70300	0.0071	-0.0025	0.0020	7.54E+06	0.787
					3324.450	6201	0	70316	0.0071	-0.0025	0.0020	7.56E+06	0.787
					3325.450	6199	0	70347	0.0071	-0.0025	0.0020	7.53E+06	0.787
					3326.450	6200	0	70394	0.0071	-0.0025	0.0020	7.54E+06	0.789
					3327.450	6201	0	70440	0.0071	-0.0025	0.0020	7.53E+06	0.790
					3328.450	6200	0	70471	0.0071	-0.0025	0.0020	7.55E+06	0.791
					3329.450	6199	0	70502	0.0071	-0.0025	0.0020	7.58E+06	0.791
					3330.450	6199	0	70518	0.0071	-0.0026	0.0020	7.58E+06	0.792
					3331.450	6201	0	70565	0.0071	-0.0026	0.0020	7.58E+06	0.794
					3332.450	6199	0	70596	0.0071	-0.0026	0.0020	7.57E+06	0.792
					3333.450	6200	0	70642	0.0071	-0.0026	0.0020	7.54E+06	0.790

					3334.450	6200	0	70674	0.0071	-0.0026	0.0020	7.53E+06	0.791
					3335.450	6199	0	70705	0.0071	-0.0026	0.0020	7.52E+06	0.791
					3336.450	6199	0	70720	0.0072	-0.0026	0.0020	7.53E+06	0.794
					3337.440	6201	0	70767	0.0072	-0.0026	0.0020	7.53E+06	0.793
					3338.440	6200	0	70798	0.0072	-0.0026	0.0020	7.56E+06	0.797
					3339.440	6199	0	70845	0.0072	-0.0026	0.0020	7.58E+06	0.798
					3340.440	6199	0	70860	0.0072	-0.0026	0.0020	7.56E+06	0.799
					3341.440	6199	0	70876	0.0072	-0.0026	0.0020	7.56E+06	0.803
					3342.440	6200	0	70922	0.0072	-0.0026	0.0020	7.53E+06	0.805
					3343.440	6200	0	71000	0.0072	-0.0026	0.0020	7.53E+06	0.810
					3344.440	6200	0	71016	0.0072	-0.0026	0.0020	7.56E+06	0.816
					3345.440	6201	0	71063	0.0072	-0.0026	0.0020	7.58E+06	0.824
					3346.440	6199	0	71078	0.0072	-0.0026	0.0020	7.56E+06	0.826
					3347.440	6199	0	71140	0.0072	-0.0026	0.0020	7.51E+06	0.825
					3348.440	6201	0	71171	0.0072	-0.0026	0.0020	7.52E+06	0.831
					3349.440	6201	0	71249	0.0072	-0.0026	0.0020	7.47E+06	0.832
					3350.440	6200	0	71265	0.0072	-0.0026	0.0020	7.46E+06	0.834
					3351.440	6199	0	71311	0.0072	-0.0026	0.0020	7.39E+06	0.830
					3352.440	6200	0	71358	0.0072	-0.0026	0.0020	7.41E+06	0.834
					3353.440	6199	0	71374	0.0072	-0.0026	0.0020	7.41E+06	0.838
					3354.440	6200	0	71451	0.0072	-0.0026	0.0020	7.38E+06	0.840
					3355.440	6201	0	71467	0.0072	-0.0027	0.0019	7.37E+06	0.840
					3356.440	6199	0	71529	0.0073	-0.0027	0.0019	7.36E+06	0.843
					3357.440	6202	0	71545	0.0073	-0.0027	0.0019	7.39E+06	0.854
					3358.440	6200	0	71591	0.0073	-0.0027	0.0019	7.35E+06	0.856
					3359.440	6199	0	71623	0.0073	-0.0027	0.0019	7.32E+06	0.858
					3360.440	6199	0	71654	0.0073	-0.0027	0.0019	7.30E+06	0.860
					3361.440	6200	0	71716	0.0073	-0.0027	0.0019	7.28E+06	0.863
					3362.440	6200	0	71747	0.0073	-0.0027	0.0019	7.25E+06	0.866
					3363.440	6200	0	71794	0.0073	-0.0027	0.0019	7.26E+06	0.870
					3364.440	6199	0	71856	0.0073	-0.0027	0.0019	7.24E+06	0.874
					3365.440	6199	0	71825	0.0073	-0.0027	0.0019	7.21E+06	0.878
					3366.440	6201	0	71871	0.0073	-0.0027	0.0019	7.13E+06	0.874
					3367.440	6201	0	71871	0.0073	-0.0027	0.0019	7.09E+06	0.876
					3368.440	6199	0	71934	0.0073	-0.0027	0.0019	7.07E+06	0.880
					3369.430	6199	0	71980	0.0073	-0.0027	0.0019	7.08E+06	0.886
					3370.430	6200	0	72027	0.0073	-0.0027	0.0019	7.06E+06	0.890
					3371.430	6201	0	72043	0.0073	-0.0027	0.0019	7.01E+06	0.889
					3372.430	6200	0	72043	0.0073	-0.0027	0.0019	6.98E+06	0.894
					3373.430	6200	0	72120	0.0073	-0.0027	0.0019	6.98E+06	0.900
					3374.430	6200	0	72120	0.0074	-0.0027	0.0019	6.94E+06	0.903
					3375.430	6201	0	72183	0.0074	-0.0027	0.0019	6.94E+06	0.907
					3376.430	6199	0	72214	0.0074	-0.0027	0.0019	6.92E+06	0.910
					3377.430	6201	0	72276	0.0074	-0.0027	0.0019	6.90E+06	0.908
					3378.430	6199	0	72291	0.0074	-0.0028	0.0019	6.90E+06	0.912
					3379.430	6199	0	72307	0.0074	-0.0028	0.0019	6.91E+06	0.914
					3380.430	6199	0	72385	0.0074	-0.0028	0.0018	6.90E+06	0.914
					3381.430	6200	0	72400	0.0074	-0.0028	0.0018	6.90E+06	0.917
					3382.430	6199	0	72431	0.0074	-0.0028	0.0018	6.89E+06	0.918
					3383.430	6202	0	72463	0.0074	-0.0028	0.0018	6.87E+06	0.920
					3384.430	6199	0	72509	0.0074	-0.0028	0.0018	6.84E+06	0.917
					3385.430	6199	0	72540	0.0074	-0.0028	0.0018	6.82E+06	0.919
					3386.430	6199	0	72587	0.0074	-0.0028	0.0018	6.80E+06	0.918
					3387.430	6200	0	72634	0.0074	-0.0028	0.0018	6.82E+06	0.920
					3388.430	6200	0	72665	0.0074	-0.0028	0.0018	6.81E+06	0.919
					3389.430	6200	0	72665	0.0074	-0.0028	0.0018	6.82E+06	0.919
					3390.430	6202	0	72711	0.0074	-0.0028	0.0018	6.83E+06	0.918
					3391.430	6200	0	72743	0.0074	-0.0028	0.0018	6.82E+06	0.919
					3392.430	6200	0	72820	0.0074	-0.0028	0.0018	6.84E+06	0.920
					3393.430	6201	0	72820	0.0074	-0.0028	0.0018	6.83E+06	0.924
					3394.430	6200	0	72883	0.0074	-0.0028	0.0018	6.81E+06	0.925
					3395.430	6199	0	72898	0.0075	-0.0028	0.0018	6.81E+06	0.930
					3396.430	6201	0	72929	0.0075	-0.0028	0.0018	6.82E+06	0.933
					3397.430	6200	0	72945	0.0075	-0.0028	0.0018	6.80E+06	0.934
					3398.430	6200	0	73007	0.0075	-0.0029	0.0018	6.77E+06	0.935
					3399.430	6199	0	73007	0.0075	-0.0029	0.0018	6.76E+06	0.939
					3400.420	6199	0	73054	0.0075	-0.0029	0.0018	6.70E+06	0.938
					3401.420	6199	0	73085	0.0075	-0.0029	0.0018	6.69E+06	0.936
					3402.420	6199	0	73147	0.0075	-0.0029	0.0018	6.66E+06	0.935
					3403.420	6200	0	73178	0.0075	-0.0029	0.0017	6.66E+06	0.937
					3404.420	6200	0	73194	0.0075	-0.0029	0.0017	6.66E+06	0.939
					3405.420	6199	0	73225	0.0075	-0.0029	0.0017	6.62E+06	0.937
					3406.420	6201	0	73256	0.0075	-0.0029	0.0017	6.62E+06	0.939
					3407.420	6199	0	73287	0.0075	-0.0029	0.0017	6.60E+06	0.940
					3408.420	6201	0	73318	0.0075	-0.0029	0.0017	6.62E+06	0.950
					3409.420	6200	0	73365	0.0075	-0.0029	0.0017	6.57E+06	0.953

					3410.420	6199	0	73412	0.0075	-0.0029	0.0017	6.57E+06	0.955
					3411.420	6199	0	73427	0.0075	-0.0029	0.0017	6.52E+06	0.957
					3412.420	6200	0	73489	0.0075	-0.0029	0.0017	6.52E+06	0.960
					3413.420	6199	0	73505	0.0075	-0.0029	0.0017	6.49E+06	0.964
					3414.420	6199	0	73567	0.0076	-0.0029	0.0017	6.48E+06	0.968
					3415.420	6201	0	73583	0.0076	-0.0029	0.0017	6.45E+06	0.975
					3416.420	6201	0	73629	0.0076	-0.0029	0.0017	6.43E+06	0.980
					3417.420	6200	0	73692	0.0076	-0.0029	0.0017	6.41E+06	0.985
					3418.420	6199	0	73692	0.0076	-0.0029	0.0017	6.38E+06	0.987
					3419.420	6199	0	73723	0.0076	-0.0030	0.0017	6.36E+06	0.993
					3420.420	6199	0	73769	0.0076	-0.0030	0.0017	6.34E+06	1.000
					3421.420	6200	0	73816	0.0076	-0.0030	0.0017	6.31E+06	1.001
					3422.420	6200	0	73847	0.0076	-0.0030	0.0017	6.28E+06	1.007
					3423.420	6199	0	73878	0.0076	-0.0030	0.0016	6.23E+06	1.012
					3424.420	6201	0	73925	0.0076	-0.0030	0.0016	6.22E+06	1.020
					3425.420	6199	0	73940	0.0076	-0.0030	0.0016	6.18E+06	1.026
					3426.420	6199	0	73987	0.0076	-0.0030	0.0016	6.14E+06	1.031
					3427.420	6202	0	74018	0.0076	-0.0030	0.0016	6.10E+06	1.038
					3428.420	6201	0	74049	0.0076	-0.0030	0.0016	6.05E+06	1.041
					3429.420	6199	0	74080	0.0076	-0.0030	0.0016	6.00E+06	1.044
					3430.420	6201	0	74112	0.0076	-0.0030	0.0016	5.96E+06	1.051
					3431.410	6199	0	74143	0.0076	-0.0030	0.0016	5.91E+06	1.056
					3432.410	6200	0	74174	0.0077	-0.0030	0.0016	5.85E+06	1.062
					3433.410	6200	0	74205	0.0077	-0.0030	0.0016	5.81E+06	1.071
					3434.410	6200	0	74220	0.0077	-0.0030	0.0016	5.76E+06	1.080
					3435.410	6199	0	74298	0.0077	-0.0030	0.0016	5.70E+06	1.084
					3436.410	6201	0	74283	0.0077	-0.0031	0.0016	5.64E+06	1.087
					3437.410	6199	0	74329	0.0077	-0.0031	0.0016	5.58E+06	1.095
					3438.410	6200	0	74376	0.0077	-0.0031	0.0016	5.53E+06	1.102
					3439.410	6202	0	74376	0.0077	-0.0031	0.0015	5.47E+06	1.108
					3440.410	6199	0	74392	0.0077	-0.0031	0.0015	5.43E+06	1.119
					3441.410	6200	0	74438	0.0077	-0.0031	0.0015	5.37E+06	1.130
					3442.410	6200	0	74454	0.0077	-0.0031	0.0015	5.30E+06	1.142
					3443.410	6199	0	74469	0.0077	-0.0031	0.0015	5.26E+06	1.155
					3444.410	6200	0	74485	0.0077	-0.0031	0.0015	5.18E+06	1.173
					3445.410	6200	0	74532	0.0077	-0.0031	0.0015	5.07E+06	1.189
					3446.410	6200	0	74594	0.0077	-0.0031	0.0015	4.93E+06	1.217
					3447.410	6199	0	74578	0.0077	-0.0031	0.0015	-1.32E+06	1.652
					3448.410	6199	0	74609	0.0077	-0.0031	0.0015	-5.03E+06	1.953
					3449.410	6198	0	74656	0.0077	-0.0031	0.0015	-7.39E+06	2.151
					3450.410	6201	0	74672	0.0077	-0.0031	0.0015	-9.36E+06	2.315
					3451.410	6200	0	74687	0.0077	-0.0031	0.0015	-1.11E+07	2.461
					3452.410	6201	0	74734	0.0078	-0.0031	0.0015	-1.27E+07	2.596
					3453.410	6199	0	74718	0.0078	-0.0032	0.0015	-1.42E+07	2.725
					3454.410	6200	0	74781	0.0078	-0.0032	0.0015	-1.55E+07	2.846
					3455.410	6199	0	74765	0.0078	-0.0032	0.0014	-1.67E+07	2.955
					3456.410	6199	0	74796	0.0078	-0.0032	0.0014	-1.78E+07	3.059
					3457.410	6199	0	74827	0.0078	-0.0032	0.0014	-1.89E+07	3.158
					3458.410	6201	0	74858	0.0078	-0.0032	0.0014	-1.99E+07	3.248
					3459.410	6199	0	74874	0.0078	-0.0032	0.0014	-2.08E+07	3.335
					3460.410	6201	0	74905	0.0078	-0.0032	0.0014	-2.16E+07	3.413
					3461.410	6200	0	74936	0.0078	-0.0032	0.0014	-2.23E+07	3.486
					3462.400	6200	0	74936	0.0078	-0.0032	0.0014	-2.30E+07	3.549
					3463.400	6200	0	74967	0.0078	-0.0032	0.0014	-2.37E+07	3.610
					3464.400	6200	0	74983	0.0078	-0.0032	0.0014	-2.42E+07	3.662
					3465.400	6200	0	75014	0.0078	-0.0032	0.0013	-2.47E+07	3.708
					3466.400	6199	0	74998	0.0078	-0.0032	0.0013	-2.51E+07	3.749
					3467.400	6200	0	75014	0.0078	-0.0033	0.0013	-2.55E+07	3.786
					3468.400	6199	0	75045	0.0078	-0.0033	0.0013	-2.59E+07	3.821
					3469.400	6199	0	75029	0.0078	-0.0033	0.0013	-2.61E+07	3.845
					3470.400	6200	0	75045	0.0079	-0.0033	0.0013	-2.64E+07	3.868
					3471.400	6199	0	75014	0.0079	-0.0033	0.0012	-2.65E+07	3.880
					3472.400	6201	0	71342	0.0085	-0.0046	-0.0007	-2.66E+07	3.890
					3473.400	6199	0	63891	0.0081	-0.0046	-0.0011	-2.66E+07	3.894
					3474.400	6199	0	62071	0.0080	-0.0045	-0.0011	-2.66E+07	3.884