

25BA_HW_013 (Stage 1)									25BA_HW_013 (Stage 2)									25BA_HW_013 (Stage 3)									25BA_HW_013 (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]	Stress	Strain	Strain	Strain	Modulus	Ratio	[sec]	[psi]	[psi]	Stress	Strain	Strain	Strain	Modulus	Ratio	[sec]	[psi]	[psi]	Stress	Strain	Strain	Strain	Modulus	Ratio	[sec]	[psi]	[psi]	Stress	Strain	Strain	Strain	Modulus	Ratio
1206.340	1200	0	0	0.0000	0.0000	0.0000			1242.790	2200	0	0	0.0000	0.0000	0.0000			1508.870	4199	0	0	0.0000	0.0000	0.0000			1766.420	6202	0	0	0.0000	0.0000	0.0000		
1207.340	1200	0	0	0.0000	0.0000	0.0000			1243.790	2199	0	-31	0.0000	0.0000	0.0000			1509.870	4199	0	-47	0.0000	0.0000	0.0000			1767.420	6199	0	-31	0.0000	0.0000	0.0000		
1208.340	1201	0	0	0.0000	0.0000	0.0000			1244.790	2201	0	0	0.0000	0.0000	0.0000			1510.870	4200	0	0	0.0000	0.0000	0.0000			1768.420	6199	0	-16	0.0000	0.0000	0.0000		
1209.340	1200	0	-16	0.0000	0.0000	0.0000			1245.780	2200	0	-16	0.0000	0.0000	0.0000			1511.870	4200	0	-31	0.0000	0.0000	0.0000			1769.420	6201	0	-31	0.0000	0.0000	0.0000		
1210.340	1199	0	-16	0.0000	0.0000	0.0000			1246.780	2199	0	16	0.0000	0.0000	0.0000			1512.870	4201	0	-16	0.0000	0.0000	0.0000			1770.420	6199	0	-31	0.0000	0.0000	0.0000		
1211.340	1200	0	-31	0.0000	0.0000	0.0000			1247.780	2201	0	16	0.0000	0.0000	0.0000			1513.870	4199	0	-31	0.0000	0.0000	0.0000			1771.420	6199	0	-16	0.0000	0.0000	0.0000		
1212.340	1201	0	-16	0.0000	0.0000	0.0000			1248.780	2199	0	0	0.0000	0.0000	0.0000			1514.870	4200	0	-16	0.0000	0.0000	0.0000			1772.420	6200	0	-16	0.0000	0.0000	0.0000		
1213.340	1200	0	-16	0.0000	0.0000	0.0000			1249.780	2201	0	16	0.0000	0.0000	0.0000			1515.870	4200	0	0	0.0000	0.0000	0.0000			1773.420	6199	0	0	0.0000	0.0000	0.0000		
1214.340	1200	0	0	0.0000	0.0000	0.0000			1250.780	2200	0	0	0.0000	0.0000	0.0000			1516.870	4200	0	-31	0.0000	0.0000	0.0000			1774.420	6199	0	0	0.0000	0.0000	0.0000		
1215.340	1200	0	0	0.0000	0.0000	0.0000			1251.780	2200	0	16	0.0000	0.0000	0.0000			1517.860	4202	0	-16	0.0000	0.0000	0.0000			1775.420	6200	0	0	0.0000	0.0000	0.0000		
1216.340	1198	0	31	0.0000	0.0000	0.0000			1252.780	2201	0	16	0.0000	0.0000	0.0000			1518.860	4201	0	0	0.0000	0.0000	0.0000			1776.420	6201	0	-16	0.0000	0.0000	0.0000		
1217.340	1200	0	0	0.0000	0.0000	0.0000			1253.780	2200	0	0	0.0000	0.0000	0.0000			1519.860	4199	0	-16	0.0000	0.0000	0.0000			1777.420	6199	0	16	0.0000	0.0000	0.0000		
1218.340	1199	0	-16	0.0000	0.0000	0.0000			1254.780	2199	0	16	0.0000	0.0000	0.0000			1520.860	4201	0	16	0.0000	0.0000	0.0000			1778.420	6199	0	-16	0.0000	0.0000	0.0000		
1219.340	1200	0	-16	0.0000	0.0000	0.0000			1255.780	2199	0	47	0.0000	0.0000	0.0000			1521.860	4201	0	0	0.0000	0.0000	0.0000			1779.420	6200	0	47	0.0000	0.0000	0.0000		
1220.340	1200	0	0	0.0000	0.0000	0.0000			1256.780	2199	0	31	0.0000	0.0000	0.0000			1522.860	4200	0	-16	0.0000	0.0000	0.0000			1780.410	6200	0	31	0.0000	0.0000	0.0000		
1221.340	1202	0	16	0.0000	0.0000	0.0000			1257.780	2200	0	16	0.0000	0.0000	0.0000			1523.860	4201	0	16	0.0000	0.0000	0.0000			1781.410	6199	0	16	0.0000	0.0000	0.0000		
1222.340	1201	0	16	0.0000	0.0000	0.0000			1258.780	2201	0	31	0.0000	0.0000	0.0000			1524.860	4199	0	16	0.0000	0.0000	0.0000			1782.410	6197	0	16	0.0000	0.0000	0.0000		
1223.340	1201	0	16	0.0000	0.0000	0.0000			1259.780	2201	0	47	0.0000	0.0000	0.0000			1525.860	4201	0	16	0.0000	0.0000	0.0000			1783.410	6201	0	31	0.0000	0.0000	0.0000		
1224.340	1199	0	16	0.0000	0.0000	0.0000			1260.780	2200	0	47	0.0000	0.0000	0.0000			1526.860	4201	0	16	0.0000	0.0000	0.0000			1784.410	6199	0	47	0.0000	0.0000	0.0000		
1225.330	1201	0	16	0.0000	0.0000	0.0000			1261.780	2201	0	62	0.0000	0.0000	0.0000			1527.860	4200	0	47	0.0000	0.0000	0.0000			1785.410	6201	0	47	0.0000	0.0000	0.0000		
1226.330	1202	0	16	0.0000	0.0000	0.0000			1262.780	2201	0	31	0.0000	0.0000	0.0000			1528.860	4201	0	31	0.0000	0.0000	0.0000			1786.410	6201	0	62	0.0000	0.0000	0.0000		
1227.330	1200	0	31	0.0000	0.0000	0.0000			1263.780	2200	0	47	0.0000	0.0000	0.0000			1529.860	4200	0	16	0.0000	0.0000	0.0000			1787.410	6199	0	31	0.0000	0.0000	0.0000		
1228.330	1201	0	31	0.0000	0.0000	0.0000			1264.780	2199	0	16	0.0000	0.0000	0.0000			1530.860	4200	0	31	0.0000	0.0000	0.0000			1788.410	6199	0	78	0.0000	0.0000	0.0000		
1229.330	1199	0	47	0.0000	0.0000	0.0000			1265.780	2201	0	31	0.0000	0.0000	0.0000			1531.860	4200	0	31	0.0000	0.0000	0.0000			1789.410	6200	0	78	0.0000	0.0000	0.0000		
1230.330	1200	0	31	0.0000	0.0000	0.0000			1266.780	2200	0	47	0.0000	0.0000	0.0000			1532.860	4200	0	31	0.0000	0.0000	0.0000			1790.410	6199	0	93	0.0000	0.0000	0.0000		
1231.330	1201	0	31	0.0000	0.0000	0.0000	1.98E+06	0.059	1267.780	2200	0	31	0.0000	0.0000	0.0000	1.99E+06	0.092	1533.860	4199	0	47	0.0000	0.0000	0.0000	4.15E+06	0.079	1791.410	6199	0	78	0.0000	0.0000	0.0000	6.52E+06	0.114
1232.330	1202	0	31	0.0000	0.0000	0.0000	2.10E+06	0.084	1268.780	2200	0	31	0.0000	0.0000	0.0000	2.15E+06	0.087	1534.860	4199	0	62	0.0000	0.0000	0.0000	4.31E+06	0.080	1792.410	6200	0	93	0.0000	0.0000	0.0000	6.65E+06	0.110
1233.330	1202	0	47	0.0000	0.0000	0.0000	2.13E+06	0.086	1269.780	2198	0	62	0.0000	0.0000	0.0000	2.70E+06	0.109	1535.860	4201	0	62	0.0000	0.0000	0.0000	4.46E+06	0.083	1793.410	6200	0	109	0.0000	0.0000	0.0000	6.82E+06	0.117
1234.330	1200	0	47	0.0000	0.0000	0.0000	2.14E+06	0.082	1270.780	2202	0	62	0.0000	0.0000	0.0000	3.48E+06	0.131	1536.860	4200	0	78	0.0000	0.0000	0.0000	4.63E+06	0.074	1794.410	6199	0	109	0.0000	0.0000	0.0000	6.80E+06	0.117
1235.330	1199	0	31	0.0000	0.0000	0.0000	2.09E+06	0.077	1271.780	2201	0	62	0.0000	0.0000	0.0000	4.02E+06	0.145	1537.860	4201	0	62	0.0000	0.0000	0.0000	4.73E+06	0.075	1795.410	6200	0	109	0.0000	0.0000	0.0000	6.95E+06	0.117
1236.330	1200	0	31	0.0000	0.0000	0.0000	2.09E+06	0.077	1272.780	2201	0	47	0.0000	0.0000	0.0000	4.34E+06	0.157	1538.860	4201	0	47	0.0000	0.0000	0.0000	4.82E+06	0.087	1796.410	6200	0	109	0.0000	0.0000	0.0000	7.24E+06	0.122
1237.330	1200	0	47	0.0000	0.0000	0.0000	2.03E+06	0.077	1273.780	2201	0	78	0.0000	0.0000	0.0000	4.58E+06	0.159	1539.860	4200	0	47	0.0000	0.0000	0.0000	4.79E+06	0.085	1797.410	6200	0	125	0.0000	0.0000	0.0000	7.34E+06	0.119
1238.330	1201	0	31	0.0000	0.0000	0.0000	1.98E+06	0.077	1274.780	2198	0	78	0.0000	0.0000	0.0000	4.70E+06	0.153	1540.860	4201	0	62	0.0000	0.0000	0.0000	4.88E+06	0.091	1798.410	6198	0	125	0.0000	0.0000	0.0000	7.35E+06	0.134
1239.330	1200	0	31	0.0000	0.0000	0.0000	1.89E+06	0.084	1275.780	2199	0	78	0.0000	0.0000	0.0000	4.85E+06	0.166	1541.860	4200	0	78	0.0000	0.0000	0.0000	4.80E+06	0.100	1799.410	6200	0	109	0.0000	0.0000	0.0000	7.47E+06	0.148
1240.330	1201	0	47	0.0000	0.0000	0.0000	1.80E+06	0.075	1276.770	2198	0	47	0.0000	0.0000	0.0000	4.78E+06	0.165	1542.860	4200	0	62	0.0000	0.0000	0.0000	4.79E+06	0.107	1800.410	6199	0	156	0.0000	0.0000	0.0000	7.68E+06	0.150
1241.330	1199	0	47	0.0000	0.0000	0.0000	1.89E+06	0.075	1277.770	2200	0	78	0.0000	0.																					

1278.320	1202	0	125	0.0000	0.0000	0.0000	2.30E+06	0.102	1314.300	2200	0	716	0.0002	0.0000	0.0001	3.85E+06	0.126	1580.340	4199	0	311	0.0001	0.0000	0.0001	5.23E+06	0.161	1837.610	6199	0	1323	0.0002	0.0000	0.0001	6.10E+06	0.143
1279.320	1199	0	109	0.0000	0.0000	0.0000	2.33E+06	0.092	1315.300	2199	0	732	0.0002	0.0000	0.0001	3.80E+06	0.123	1581.340	4200	0	374	0.0001	0.0000	0.0001	5.16E+06	0.159	1838.610	6200	0	1354	0.0002	0.0000	0.0001	6.07E+06	0.142
1280.320	1201	0	109	0.0000	0.0000	0.0000	2.28E+06	0.098	1316.300	2201	0	763	0.0002	0.0000	0.0001	3.75E+06	0.121	1582.340	4200	0	405	0.0001	0.0000	0.0001	5.13E+06	0.158	1839.610	6200	0	1432	0.0002	0.0000	0.0002	6.05E+06	0.142
1281.320	1199	0	140	0.0001	0.0000	0.0001	2.37E+06	0.084	1317.300	2201	0	747	0.0001	0.0000	0.0001	3.70E+06	0.118	1583.340	4201	0	405	0.0001	0.0000	0.0001	5.08E+06	0.157	1840.610	6200	0	1479	0.0002	0.0000	0.0002	6.04E+06	0.142
1282.320	1199	0	125	0.0000	0.0000	0.0000	2.46E+06	0.080	1318.300	2201	0	778	0.0002	0.0000	0.0001	3.64E+06	0.117	1584.340	4200	0	389	0.0001	0.0000	0.0001	5.06E+06	0.156	1841.610	6199	0	1526	0.0002	0.0000	0.0002	6.01E+06	0.141
1283.320	1199	0	109	0.0000	0.0000	0.0000	2.43E+06	0.069	1319.300	2201	0	825	0.0002	0.0000	0.0001	3.59E+06	0.114	1585.340	4200	0	452	0.0001	0.0000	0.0001	5.02E+06	0.155	1842.610	6200	0	1541	0.0002	0.0000	0.0002	5.99E+06	0.140
1284.320	1201	0	140	0.0000	0.0000	0.0000	2.36E+06	0.073	1320.290	2200	0	841	0.0002	0.0000	0.0001	3.56E+06	0.114	1586.340	4200	0	654	0.0001	0.0000	0.0001	5.00E+06	0.154	1843.610	6198	0	1619	0.0002	0.0000	0.0002	5.96E+06	0.139
1285.320	1202	0	140	0.0000	0.0000	0.0000	1.97E+06	0.095	1321.290	2200	0	841	0.0002	0.0000	0.0001	3.53E+06	0.117	1587.340	4201	0	841	0.0002	0.0000	0.0001	4.97E+06	0.152	1844.610	6199	0	1650	0.0002	0.0000	0.0002	5.94E+06	0.139
1286.320	1201	0	125	0.0000	0.0000	0.0000	1.94E+06	0.097	1322.290	2199	0	841	0.0002	0.0000	0.0001	3.51E+06	0.116	1588.340	4201	0	934	0.0002	0.0000	0.0001	4.98E+06	0.150	1845.610	6200	0	1681	0.0003	0.0000	0.0002	5.93E+06	0.138
1287.320	1199	0	140	0.0001	0.0000	0.0001	1.94E+06	0.099	1323.290	2201	0	887	0.0002	0.0000	0.0001	3.53E+06	0.115	1589.340	4199	0	950	0.0002	0.0000	0.0001	4.98E+06	0.149	1846.610	6199	0	1713	0.0003	0.0000	0.0002	5.92E+06	0.138
1288.310	1199	0	125	0.0000	0.0000	0.0000	1.92E+06	0.100	1324.290	2198	0	872	0.0002	0.0000	0.0001	3.52E+06	0.112	1590.340	4200	0	950	0.0002	0.0000	0.0001	4.96E+06	0.148	1847.610	6200	0	1790	0.0003	0.0000	0.0002	5.92E+06	0.137
1289.310	1200	0	125	0.0000	0.0000	0.0000	1.88E+06	0.100	1325.290	2200	0	919	0.0002	0.0000	0.0002	3.48E+06	0.110	1591.340	4200	0	965	0.0002	0.0000	0.0001	4.95E+06	0.148	1848.610	6199	0	1775	0.0003	0.0000	0.0002	5.90E+06	0.138
1290.310	1198	0	125	0.0000	0.0000	0.0001	1.91E+06	0.096	1326.290	2201	0	887	0.0002	0.0000	0.0002	3.45E+06	0.111	1592.340	4201	0	996	0.0002	0.0000	0.0001	4.91E+06	0.146	1849.610	6200	0	1853	0.0003	0.0000	0.0002	5.88E+06	0.138
1291.310	1200	0	125	0.0000	0.0000	0.0000	1.90E+06	0.095	1327.290	2200	0	919	0.0002	0.0000	0.0002	3.43E+06	0.112	1593.330	4202	0	1028	0.0002	0.0000	0.0001	4.90E+06	0.146	1850.610	6199	0	1884	0.0003	0.0000	0.0002	5.89E+06	0.138
1292.310	1201	0	156	0.0001	0.0000	0.0001	1.94E+06	0.097	1328.290	2201	0	934	0.0002	0.0000	0.0002	3.43E+06	0.112	1594.330	4201	0	1043	0.0002	0.0000	0.0001	4.82E+06	0.145	1851.610	6201	0	1931	0.0003	0.0000	0.0002	5.85E+06	0.137
1293.310	1201	0	171	0.0001	0.0000	0.0000	1.96E+06	0.089	1329.290	2200	0	950	0.0002	0.0000	0.0002	3.43E+06	0.111	1595.330	4200	0	1090	0.0002	0.0000	0.0002	4.79E+06	0.145	1852.610	6199	0	1962	0.0003	0.0000	0.0002	5.83E+06	0.136
1294.310	1199	0	171	0.0000	0.0000	0.0000	1.93E+06	0.084	1330.290	2200	0	981	0.0002	0.0000	0.0002	3.37E+06	0.111	1596.330	4200	0	1090	0.0002	0.0000	0.0002	4.77E+06	0.144	1853.610	6201	0	1993	0.0003	0.0000	0.0002	5.78E+06	0.135
1295.310	1200	0	140	0.0001	0.0000	0.0001	2.03E+06	0.084	1331.290	2199	0	1012	0.0002	0.0000	0.0002	3.36E+06	0.111	1597.330	4199	0	1105	0.0002	0.0000	0.0002	4.76E+06	0.143	1854.610	6199	0	2040	0.0003	0.0000	0.0002	5.78E+06	0.134
1296.310	1199	0	140	0.0000	0.0000	0.0000	2.22E+06	0.085	1332.290	2202	0	1043	0.0002	0.0000	0.0002	3.36E+06	0.112	1598.330	4199	0	1137	0.0002	0.0000	0.0002	4.73E+06	0.141	1855.610	6201	0	2040	0.0003	0.0000	0.0002	5.79E+06	0.135
1297.310	1201	0	156	0.0000	0.0000	0.0000	2.30E+06	0.085	1333.290	2201	0	1059	0.0002	0.0000	0.0002	3.37E+06	0.112	1599.330	4201	0	1137	0.0002	0.0000	0.0002	4.71E+06	0.141	1856.600	6199	0	2102	0.0003	0.0000	0.0002	5.80E+06	0.133
1298.310	1201	0	171	0.0001	0.0000	0.0000	2.48E+06	0.088	1334.290	2200	0	1043	0.0003	0.0000	0.0002	3.48E+06	0.112	1600.330	4200	0	1168	0.0002	0.0000	0.0002	4.68E+06	0.140	1857.600	6200	0	2117	0.0003	0.0000	0.0002	5.80E+06	0.133
1299.310	1199	0	156	0.0001	0.0000	0.0001	2.70E+06	0.079	1335.290	2201	0	1028	0.0002	0.0000	0.0002	3.35E+06	0.112	1601.330	4200	0	1199	0.0002	0.0000	0.0002	4.65E+06	0.139	1858.600	6199	0	2149	0.0004	0.0000	0.0003	5.84E+06	0.132
1300.310	1199	0	156	0.0001	0.0000	0.0001	3.18E+06	0.070	1336.290	2200	0	1090	0.0002	0.0000	0.0002	3.34E+06	0.113	1602.330	4199	0	1230	0.0003	0.0000	0.0002	4.62E+06	0.138	1859.600	6199	0	2164	0.0003	-0.0001	0.0002	5.83E+06	0.130
1301.310	1200	0	171	0.0000	0.0000	0.0000	3.39E+06	0.064	1337.290	2201	0	1090	0.0003	0.0000	0.0002	3.35E+06	0.114	1603.330	4199	0	1261	0.0002	0.0000	0.0002	4.59E+06	0.138	1860.600	6199	0	2195	0.0003	0.0000	0.0003	5.88E+06	0.130
1302.310	1199	0	156	0.0000	0.0000	0.0000	3.65E+06	0.076	1338.290	2199	0	1105	0.0003	0.0000	0.0002	3.35E+06	0.114	1604.330	4200	0	1261	0.0002	0.0000	0.0002	4.54E+06	0.136	1861.600	6199	0	2242	0.0003	0.0000	0.0002	5.84E+06	0.128
1303.310	1201	0	140	0.0001	0.0000	0.0001	3.59E+06	0.077	1339.290	2199	0	1152	0.0003	0.0000	0.0002	3.33E+06	0.113	1605.330	4199	0	1277	0.0003	0.0000	0.0002	4.51E+06	0.132	1862.600	6199	0	2258	0.0004	0.0000	0.0003	5.88E+06	0.131
1304.310	1202	0	156	0.0001	0.0000	0.0001	3.58E+06	0.076	1340.290	2200	0	1152	0.0003	0.0000	0.0002	3.33E+06	0.111	1606.330	4199	0	1292	0.0003	0.0000	0.0002	4.49E+06	0.131	1863.600	6203	0	2320	0.0004	-0.0001	0.0003	5.89E+06	0.129
1305.310	1199	0	171	0.0000	0.0000	0.0000	3.46E+06	0.075	1341.290	2199	0	1183	0.0003	0.0000	0.0002	3.32E+06	0.112	1607.330	4201	0	1323	0.0003	0.0000	0.0002	4.45E+06	0.130	1864.600	6199	0	2335	0.0004	-0.0001	0.0003	5.86E+06	0.131
1306.310	1200	0	187	0.0001	0.0000	0.0001	3.32E+06	0.083	1342.290	2201	0	1199	0.0003	0.0000	0.0002	3.31E+06	0.113	1608.330	4201	0	1308	0.0003	0.0000	0.0002	4.39E+06	0.127	1865.600	6199	0	2351	0.0004	-0.0001	0.0003	5.85E+06	0.131
1307.310	1201	0	156	0.0001	0.0000	0.0001	3.27E+06	0.082	1343.290	2201	0	1214	0.0003	0.0000	0.0002	3.30E+06	0.111	1609.330	4200	0	1355	0.0003	0.0000	0.0002	4.33E+06	0.123	1866.600	6199	0	2366	0.0004	-0.0001	0.0003	5.83E+06	0.132
1308.310	1200	0	187	0.0001	0.0000	0.0001	3.16E+06	0.083	1344.290	2199	0	1246	0.0003	0.0000	0.0002	3.28E+06	0.111	1610.330	4201	0	1370	0.0003	0.0000	0.0002	4.24E+06	0.122	1867.600	6199	0	2398	0.0004	-0.0001	0.0003	5.82E+06	0.132
1308.840	1199	0	156	0.0001	0.0000	0.0001	3.10E+06	0.085	1345.290	2201	0	1214	0.0003	0.0000	0.0002	3.24E+06	0.110	1611.330	4201	0	1386	0.0003	0.0000	0.0002	4.18E+06	0.118	1868.600	6199	0	2444	0.0004	-0.0001	0.0003	5.79E+06	0.131
1309.840	1200	0	156	0.0001	0.0000	0.0001	3.06E+06	0.086	1346.290	2200	0	1246	0.0003	0.0000	0.0002	3.26E+06	0.110	1612.330	4201	0	1417	0.0003	0.0000	0.0002	4.15E+06	0.117	1869.600	6199	0	2475	0.0004	-0.0001	0.0003	5.77E+06	0.131
1310.840</																																			

1353.830	1200	0	841	0.0003	0.0000	0.0003	2.44E+06	0.052	1390.270	2200	0	1962	0.0005	-0.0001	0.0004	3.40E+06	0.131	1656.310	4199	0	2304	0.0005	-0.0001	0.0004	4.44E+06	0.130	1913.590	6200	0	3487	0.0006	-0.0001	0.0004	5.70E+06	0.140
1354.830	1202	0	841	0.0003	0.0000	0.0003	2.45E+06	0.051	1391.270	2199	0	1993	0.0005	-0.0001	0.0004	3.43E+06	0.131	1657.310	4200	0	2320	0.0005	-0.0001	0.0004	4.47E+06	0.130	1914.590	6200	0	3519	0.0006	-0.0001	0.0004	5.73E+06	0.141
1355.830	1198	0	856	0.0003	0.0000	0.0003	2.44E+06	0.049	1392.270	2200	0	2008	0.0005	-0.0001	0.0004	3.44E+06	0.131	1658.310	4201	0	2335	0.0005	-0.0001	0.0004	4.49E+06	0.131	1915.590	6199	0	3550	0.0006	-0.0001	0.0004	5.71E+06	0.142
1356.830	1200	0	887	0.0003	0.0000	0.0003	2.43E+06	0.050	1393.270	2201	0	2008	0.0005	-0.0001	0.0004	3.44E+06	0.132	1659.310	4200	0	2398	0.0005	-0.0001	0.0004	4.49E+06	0.128	1916.590	6200	0	3550	0.0006	-0.0001	0.0004	5.70E+06	0.142
1357.830	1198	0	903	0.0003	0.0000	0.0003	2.44E+06	0.050	1394.270	2199	0	2040	0.0006	-0.0001	0.0004	3.43E+06	0.131	1660.310	4201	0	2398	0.0005	-0.0001	0.0004	4.47E+06	0.129	1917.590	6199	0	3628	0.0006	-0.0001	0.0004	5.68E+06	0.144
1358.830	1200	0	887	0.0003	0.0000	0.0003	2.41E+06	0.050	1395.270	2201	0	2071	0.0005	-0.0001	0.0004	3.45E+06	0.130	1661.310	4201	0	2413	0.0005	-0.0001	0.0004	4.49E+06	0.130	1918.580	6201	0	3659	0.0006	-0.0001	0.0004	5.69E+06	0.145
1359.830	1201	0	919	0.0003	0.0000	0.0003	2.37E+06	0.049	1396.270	2200	0	2117	0.0005	-0.0001	0.0004	3.42E+06	0.130	1662.310	4200	0	2460	0.0005	-0.0001	0.0004	4.50E+06	0.129	1919.580	6201	0	3659	0.0006	-0.0001	0.0004	5.70E+06	0.145
1360.830	1199	0	934	0.0003	0.0000	0.0003	2.31E+06	0.048	1397.270	2200	0	2102	0.0006	-0.0001	0.0004	3.43E+06	0.129	1663.310	4199	0	2444	0.0005	-0.0001	0.0004	4.50E+06	0.128	1920.580	6201	0	3659	0.0006	-0.0001	0.0004	5.67E+06	0.146
1361.830	1202	0	950	0.0003	0.0000	0.0003	2.26E+06	0.049	1398.270	2201	0	2133	0.0006	-0.0001	0.0004	3.44E+06	0.128	1664.310	4200	0	2475	0.0005	-0.0001	0.0004	4.49E+06	0.128	1921.580	6199	0	3705	0.0006	-0.0001	0.0004	5.69E+06	0.147
1362.830	1200	0	934	0.0003	0.0000	0.0003	2.25E+06	0.049	1399.270	2201	0	2102	0.0006	-0.0001	0.0004	3.44E+06	0.129	1665.310	4200	0	2491	0.0005	-0.0001	0.0004	4.52E+06	0.129	1922.580	6201	0	3705	0.0006	-0.0001	0.0004	5.75E+06	0.148
1363.830	1200	0	950	0.0004	0.0000	0.0003	2.25E+06	0.048	1400.270	2201	0	2148	0.0006	-0.0001	0.0004	3.45E+06	0.130	1666.310	4200	0	2538	0.0006	-0.0001	0.0004	4.52E+06	0.128	1923.580	6199	0	3752	0.0006	-0.0001	0.0005	5.70E+06	0.148
1364.820	1199	0	965	0.0003	0.0000	0.0003	2.28E+06	0.049	1401.270	2201	0	2148	0.0006	-0.0001	0.0004	3.49E+06	0.131	1667.310	4201	0	2522	0.0006	-0.0001	0.0004	4.51E+06	0.128	1924.580	6199	0	3799	0.0006	-0.0001	0.0004	5.71E+06	0.148
1365.820	1201	0	950	0.0003	0.0000	0.0003	2.30E+06	0.051	1402.270	2200	0	2195	0.0006	-0.0001	0.0004	3.47E+06	0.133	1668.310	4198	0	2553	0.0006	-0.0001	0.0004	4.49E+06	0.128	1925.580	6201	0	3799	0.0006	-0.0001	0.0004	5.72E+06	0.147
1366.820	1199	0	965	0.0004	0.0000	0.0003	2.31E+06	0.052	1403.270	2201	0	2195	0.0006	-0.0001	0.0004	3.50E+06	0.133	1669.310	4200	0	2569	0.0006	-0.0001	0.0004	4.53E+06	0.130	1926.580	6199	0	3830	0.0006	-0.0001	0.0004	5.75E+06	0.148
1367.820	1202	0	965	0.0004	0.0000	0.0003	2.32E+06	0.053	1404.270	2200	0	2211	0.0006	-0.0001	0.0005	3.50E+06	0.135	1670.310	4201	0	2616	0.0006	-0.0001	0.0004	4.54E+06	0.132	1927.580	6200	0	3877	0.0006	-0.0001	0.0005	5.76E+06	0.149
1368.820	1202	0	996	0.0004	0.0000	0.0003	2.32E+06	0.054	1405.270	2198	0	2211	0.0006	-0.0001	0.0004	3.50E+06	0.133	1671.310	4200	0	2631	0.0006	-0.0001	0.0004	4.56E+06	0.134	1928.580	6200	0	3877	0.0006	-0.0001	0.0005	5.76E+06	0.149
1369.820	1201	0	996	0.0004	0.0000	0.0003	2.31E+06	0.056	1406.270	2200	0	2242	0.0006	-0.0001	0.0004	3.52E+06	0.132	1672.310	4200	0	2647	0.0006	-0.0001	0.0004	4.58E+06	0.134	1929.580	6201	0	3939	0.0006	-0.0001	0.0005	5.79E+06	0.150
1370.820	1200	0	1012	0.0004	0.0000	0.0003	2.27E+06	0.058	1407.270	2200	0	2242	0.0006	-0.0001	0.0004	3.55E+06	0.132	1673.310	4200	0	2647	0.0006	-0.0001	0.0004	4.61E+06	0.133	1930.580	6201	0	3955	0.0006	-0.0001	0.0005	5.79E+06	0.152
1371.820	1199	0	981	0.0004	0.0000	0.0003	2.19E+06	0.058	1408.270	2200	0	2258	0.0006	-0.0001	0.0005	3.54E+06	0.134	1674.310	4201	0	2709	0.0006	-0.0001	0.0004	4.63E+06	0.133	1931.580	6199	0	3939	0.0007	-0.0001	0.0005	5.76E+06	0.151
1372.820	1199	0	981	0.0004	0.0000	0.0003	2.13E+06	0.059	1409.270	2201	0	2304	0.0006	-0.0001	0.0005	3.58E+06	0.134	1675.310	4199	0	2709	0.0006	-0.0001	0.0004	4.61E+06	0.133	1932.580	6199	0	3970	0.0006	-0.0001	0.0005	5.76E+06	0.154
1373.820	1201	0	1043	0.0004	0.0000	0.0003	2.12E+06	0.062	1410.270	2201	0	2304	0.0006	-0.0001	0.0005	3.61E+06	0.132	1676.310	4200	0	2709	0.0006	-0.0001	0.0004	4.65E+06	0.133	1933.580	6200	0	4017	0.0007	-0.0001	0.0005	5.78E+06	0.156
1374.820	1200	0	1028	0.0004	0.0000	0.0003	2.12E+06	0.064	1411.270	2199	0	2320	0.0006	-0.0001	0.0005	3.60E+06	0.131	1677.310	4200	0	2771	0.0006	-0.0001	0.0004	4.65E+06	0.134	1934.580	6201	0	4063	0.0007	-0.0001	0.0005	5.80E+06	0.156
1375.820	1202	0	1043	0.0004	0.0000	0.0003	2.12E+06	0.065	1412.270	2200	0	2335	0.0006	-0.0001	0.0005	3.61E+06	0.130	1678.310	4200	0	2771	0.0006	-0.0001	0.0005	4.72E+06	0.133	1935.580	6201	0	4063	0.0007	-0.0001	0.0005	5.81E+06	0.155
1376.820	1200	0	1043	0.0004	0.0000	0.0003	2.13E+06	0.066	1413.260	2201	0	2366	0.0006	-0.0001	0.0005	3.64E+06	0.131	1679.310	4200	0	2802	0.0006	-0.0001	0.0004	4.73E+06	0.135	1936.580	6200	0	4095	0.0007	-0.0001	0.0005	5.82E+06	0.155
1377.820	1201	0	1059	0.0004	0.0000	0.0003	2.13E+06	0.068	1414.260	2201	0	2398	0.0006	-0.0001	0.0005	3.62E+06	0.130	1680.310	4200	0	2818	0.0006	-0.0001	0.0004	4.75E+06	0.134	1937.580	6199	0	4126	0.0007	-0.0001	0.0005	5.82E+06	0.157
1378.820	1201	0	1059	0.0004	0.0000	0.0004	2.14E+06	0.068	1415.260	2201	0	2398	0.0006	-0.0001	0.0005	3.62E+06	0.129	1681.310	4201	0	2834	0.0006	-0.0001	0.0005	4.73E+06	0.132	1938.580	6200	0	4141	0.0007	-0.0001	0.0005	5.82E+06	0.157
1379.820	1200	0	1059	0.0004	0.0000	0.0004	2.13E+06	0.069	1416.260	2200	0	2413	0.0006	-0.0001	0.0005	3.65E+06	0.129	1682.310	4199	0	2865	0.0006	-0.0001	0.0005	4.77E+06	0.133	1939.580	6200	0	4173	0.0007	-0.0001	0.0005	5.83E+06	0.160
1380.820	1200	0	1074	0.0004	0.0000	0.0004	2.16E+06	0.070	1417.260	2200	0	2444	0.0007	-0.0001	0.0005	3.64E+06	0.128	1683.310	4200	0	2896	0.0006	-0.0001	0.0005	4.77E+06	0.135	1940.580	6202	0	4204	0.0007	-0.0001	0.0005	5.74E+06	0.160
1381.820	1200	0	1105	0.0004	0.0000	0.0004	2.17E+06	0.069	1418.260	2199	0	2475	0.0007	-0.0001	0.0005	3.64E+06	0.127	1684.310	4201	0	2911	0.0006	-0.0001	0.0005	4.74E+06	0.133	1941.580	6201	0	4250	0.0007	-0.0001	0.0005	5.72E+06	0.158
1382.820	1200	0	1121	0.0004	0.0000	0.0004	2.19E+06	0.071	1419.260	2200	0	2444	0.0007	-0.0001	0.0005	3.66E+06	0.129	1685.310	4200	0	2896	0.0006	-0.0001	0.0005	4.75E+06	0.134	1942.580	6200	0	4266	0.0007	-0.0001	0.0005	5.71E+06	0.156
1383.820	1200	0	1121	0.0004	0.0000	0.0004	2.23E+06	0.073	1420.260	2200	0	2491	0.0007	-0.0001	0.0005	3.62E+06	0.127	1686.310	4201	0	2974	0.0006	-0.0001	0.0005	4.75E+06	0.137	1943.580	6200	0	4297	0.0007	-0.0001	0.0005	5.73E+06	0.157
1384.820	1200	0	1137	0.0004	0.0000	0.0004	2.22E+06	0.073	1421.260	2200	0	2507	0.0007	-0.0001	0.0005	3.65E+06	0.129	1687.300	4200	0	2958	0.0006	-0.0001	0.0005	4.75E+06	0.138	1944.580	6201	0	4344	0.0007	-0.0001	0.0005	5.78E+06	0.159
1385.820	1201	0	1121	0.0004	0.0000	0.0004	2.23E+06	0.074	1422.260	2201	0	2507	0.0007	-0.0001	0.0005	3.71E+06	0.128	1688.300	4200	0	3005	0.0007	-0.0001	0.0005	4.75E+06	0.138	1945.580	6201	0	4328	0.0007	-0.0001	0.0		

1429.800	1199	0	1697	0.0006	0.0000	0.0006	2.74E+06	0.089	1466.250	2203	0	3347	0.0009	-0.0001	0.0007	4.02E+06	0.157	1732.290	4201	0	3986	0.0009	-0.0001	0.0006	5.24E+06	0.155	1989.560	6199	0	5620	0.0009	-0.0001	0.0007	7.28E+06	0.190
1430.800	1201	0	1713	0.0007	0.0000	0.0006	2.71E+06	0.090	1467.250	2201	0	3394	0.0009	-0.0001	0.0007	4.06E+06	0.156	1733.290	4199	0	4001	0.0009	-0.0001	0.0006	5.29E+06	0.156	1990.560	6199	0	5667	0.0009	-0.0001	0.0006	7.31E+06	0.195
1431.800	1201	0	1697	0.0006	0.0000	0.0006	2.72E+06	0.090	1468.250	2199	0	3410	0.0009	-0.0001	0.0007	4.07E+06	0.157	1734.290	4201	0	4079	0.0009	-0.0001	0.0006	5.30E+06	0.157	1991.560	6199	0	5683	0.0009	-0.0001	0.0007	7.25E+06	0.196
1432.800	1200	0	1744	0.0007	0.0000	0.0006	2.72E+06	0.089	1469.250	2200	0	3410	0.0009	-0.0001	0.0007	4.09E+06	0.157	1735.290	4199	0	4064	0.0009	-0.0001	0.0006	5.29E+06	0.156	1992.560	6201	0	5698	0.0009	-0.0001	0.0006	7.33E+06	0.198
1433.800	1201	0	1728	0.0007	0.0000	0.0006	2.72E+06	0.089	1470.250	2199	0	3410	0.0009	-0.0001	0.0007	4.12E+06	0.158	1736.290	4199	0	4126	0.0009	-0.0001	0.0006	5.28E+06	0.157	1993.560	6199	0	5761	0.0009	-0.0001	0.0007	7.36E+06	0.199
1434.800	1199	0	1775	0.0007	0.0000	0.0006	2.72E+06	0.090	1471.250	2201	0	3441	0.0009	-0.0001	0.0007	4.10E+06	0.157	1737.290	4199	0	4141	0.0009	-0.0001	0.0006	5.35E+06	0.159	1994.560	6199	0	5807	0.0009	-0.0001	0.0007	7.43E+06	0.199
1435.800	1200	0	1790	0.0007	0.0000	0.0006	2.70E+06	0.091	1472.250	2201	0	3456	0.0009	-0.0001	0.0007	4.10E+06	0.157	1738.290	4200	0	4157	0.0009	-0.0001	0.0006	5.38E+06	0.159	1995.560	6199	0	5838	0.0010	-0.0001	0.0007	7.51E+06	0.201
1436.800	1201	0	1775	0.0007	0.0000	0.0006	2.72E+06	0.092	1473.250	2201	0	3503	0.0009	-0.0001	0.0007	4.12E+06	0.157	1739.290	4200	0	4173	0.0009	-0.0001	0.0006	5.34E+06	0.158	1996.560	6199	0	5854	0.0010	-0.0001	0.0007	7.52E+06	0.205
1437.800	1200	0	1822	0.0007	0.0000	0.0006	2.68E+06	0.091	1474.250	2201	0	3487	0.0009	-0.0001	0.0007	4.13E+06	0.157	1740.290	4200	0	4204	0.0009	-0.0001	0.0006	5.35E+06	0.160	1997.560	6199	0	5870	0.0010	-0.0001	0.0007	7.45E+06	0.206
1438.800	1199	0	1806	0.0007	0.0000	0.0006	2.70E+06	0.093	1475.240	2201	0	3534	0.0009	-0.0001	0.0007	4.12E+06	0.156	1741.290	4200	0	4219	0.0009	-0.0001	0.0006	5.31E+06	0.162	1998.560	6199	0	5916	0.0010	-0.0001	0.0007	7.48E+06	0.208
1439.800	1201	0	1837	0.0007	0.0000	0.0006	2.69E+06	0.094	1476.240	2200	0	3534	0.0009	-0.0001	0.0007	4.17E+06	0.156	1742.290	4200	0	4235	0.0009	-0.0001	0.0006	5.28E+06	0.162	1999.560	6199	0	5932	0.0010	-0.0001	0.0007	7.49E+06	0.209
1440.800	1201	0	1853	0.0007	0.0000	0.0006	2.70E+06	0.095	1477.240	2198	0	3596	0.0009	-0.0001	0.0007	4.13E+06	0.155	1743.290	4199	0	4297	0.0009	-0.0001	0.0007	5.29E+06	0.163	2000.560	6199	0	5994	0.0010	-0.0001	0.0007	7.51E+06	0.210
1441.800	1198	0	1884	0.0007	0.0000	0.0006	2.69E+06	0.093	1478.240	2201	0	3612	0.0009	-0.0001	0.0007	4.16E+06	0.155	1744.290	4201	0	4281	0.0009	-0.0001	0.0007	5.28E+06	0.162	2001.560	6199	0	6041	0.0010	-0.0001	0.0007	7.59E+06	0.214
1442.800	1201	0	1884	0.0007	-0.0001	0.0006	2.68E+06	0.093	1479.240	2201	0	3612	0.0009	-0.0001	0.0007	4.23E+06	0.155	1745.290	4200	0	4297	0.0009	-0.0001	0.0007	5.23E+06	0.164	2002.560	6200	0	6072	0.0010	-0.0001	0.0007	7.64E+06	0.216
1443.800	1199	0	1884	0.0007	-0.0001	0.0006	2.69E+06	0.093	1480.240	2201	0	3659	0.0010	-0.0001	0.0007	4.26E+06	0.157	1746.290	4200	0	4344	0.0009	-0.0001	0.0007	5.35E+06	0.166	2003.560	6200	0	6103	0.0010	-0.0001	0.0007	7.64E+06	0.217
1444.800	1197	0	1899	0.0007	-0.0001	0.0006	2.71E+06	0.094	1481.240	2201	0	3643	0.0010	-0.0001	0.0007	4.27E+06	0.156	1747.290	4200	0	4375	0.0009	-0.0001	0.0007	5.38E+06	0.168	2004.560	6200	0	6150	0.0010	-0.0001	0.0007	7.66E+06	0.217
1445.800	1200	0	1899	0.0007	-0.0001	0.0006	2.69E+06	0.094	1482.240	2199	0	3659	0.0010	-0.0001	0.0007	4.29E+06	0.157	1748.290	4201	0	4422	0.0009	-0.0001	0.0007	5.39E+06	0.169	2005.560	6199	0	6181	0.0010	-0.0001	0.0007	7.62E+06	0.218
1446.800	1199	0	1915	0.0007	-0.0001	0.0006	2.68E+06	0.094	1483.240	2199	0	3705	0.0010	-0.0001	0.0007	4.26E+06	0.156	1749.280	4200	0	4437	0.0009	-0.0001	0.0007	5.38E+06	0.168	2006.560	6202	0	6196	0.0010	-0.0001	0.0007	7.63E+06	0.219
1447.800	1199	0	1931	0.0007	-0.0001	0.0006	2.67E+06	0.094	1484.240	2201	0	3721	0.0010	-0.0001	0.0007	4.22E+06	0.155	1750.280	4200	0	4453	0.0009	-0.0001	0.0007	5.37E+06	0.168	2007.560	6200	0	6228	0.0010	-0.0002	0.0007	7.64E+06	0.219
1448.800	1200	0	1946	0.0007	-0.0001	0.0006	2.67E+06	0.095	1485.240	2200	0	3752	0.0010	-0.0001	0.0007	4.30E+06	0.157	1751.280	4200	0	4468	0.0009	-0.0001	0.0007	5.37E+06	0.170	2008.560	6200	0	6274	0.0010	-0.0002	0.0007	7.64E+06	0.220
1449.800	1201	0	1977	0.0007	-0.0001	0.0006	2.69E+06	0.094	1486.240	2201	0	3737	0.0010	-0.0001	0.0007	4.27E+06	0.158	1752.280	4199	0	4484	0.0009	-0.0001	0.0007	5.35E+06	0.168	2009.560	6202	0	6337	0.0010	-0.0002	0.0007	7.63E+06	0.218
1450.800	1200	0	1993	0.0008	-0.0001	0.0006	2.69E+06	0.097	1487.240	2201	0	3768	0.0010	-0.0001	0.0007	4.29E+06	0.157	1753.280	4201	0	4515	0.0010	-0.0001	0.0007	5.36E+06	0.167	2010.560	6199	0	6352	0.0010	-0.0002	0.0007	7.71E+06	0.218
1451.800	1198	0	1977	0.0007	0.0000	0.0006	2.67E+06	0.101	1488.240	2201	0	3830	0.0010	-0.0001	0.0007	4.37E+06	0.159	1754.280	4201	0	4562	0.0010	-0.0001	0.0007	5.36E+06	0.169	2011.560	6199	0	6414	0.0010	-0.0002	0.0007	7.69E+06	0.218
1452.800	1199	0	1993	0.0008	-0.0001	0.0006	2.65E+06	0.102	1489.240	2201	0	3814	0.0010	-0.0001	0.0007	4.40E+06	0.162	1755.280	4199	0	4577	0.0010	-0.0001	0.0007	5.34E+06	0.167	2012.550	6200	0	6414	0.0010	-0.0002	0.0007	7.69E+06	0.218
1453.800	1200	0	2024	0.0008	-0.0001	0.0007	2.66E+06	0.103	1490.240	2200	0	3846	0.0010	-0.0001	0.0007	4.40E+06	0.162	1756.280	4198	0	4608	0.0010	-0.0001	0.0007	5.33E+06	0.168	2013.550	6200	0	6461	0.0010	-0.0002	0.0007	7.69E+06	0.218
1454.800	1200	0	2024	0.0008	-0.0001	0.0007	2.67E+06	0.103	1491.240	2200	0	3877	0.0010	-0.0001	0.0007	4.42E+06	0.161	1757.280	4200	0	4640	0.0010	-0.0001	0.0007	5.31E+06	0.167	2014.550	6200	0	6508	0.0010	-0.0002	0.0007	7.68E+06	0.217
1455.800	1198	0	2008	0.0008	-0.0001	0.0007	2.66E+06	0.103	1492.240	2200	0	3892	0.0010	-0.0001	0.0007	4.40E+06	0.161	1758.280	4199	0	4655	0.0010	-0.0001	0.0007	5.29E+06	0.167	2015.550	6199	0	6555	0.0010	-0.0002	0.0007	7.67E+06	0.216
1456.800	1200	0	2055	0.0008	-0.0001	0.0007	2.66E+06	0.104	1493.240	2201	0	3923	0.0010	-0.0001	0.0007	4.38E+06	0.162	1759.280	4199	0	4686	0.0010	-0.0001	0.0007	5.28E+06	0.167	2016.550	6199	0	6570	0.0010	-0.0002	0.0007	7.69E+06	0.215
1457.800	1201	0	2086	0.0008	-0.0001	0.0007	2.67E+06	0.105	1494.240	2201	0	3923	0.0010	-0.0001	0.0007	4.40E+06	0.161	1760.280	4200	0	4702	0.0010	-0.0001	0.0007	5.29E+06	0.166	2017.550	6199	0	6632	0.0010	-0.0002	0.0007	7.68E+06	0.213
1458.790	1200	0	2086	0.0008	-0.0001	0.0007	2.70E+06	0.105	1495.240	2199	0	3955	0.0010	-0.0001	0.0008	4.39E+06	0.163	1761.280	4201	0	4717	0.0010	-0.0001	0.0007	5.33E+06	0.167	2018.550	6200	0	6664	0.0011	-0.0002	0.0007	7.71E+06	0.215
1459.790	1200	0	2086	0.0008	-0.0001	0.0007	2.71E+06	0.106	1496.240	2201	0	3986	0.0010	-0.0001	0.0008	4.40E+06	0.163	1762.280	4200	0	4764	0.0010	-0.0001	0.0007	5.35E+06	0.166	2019.550	6199	0	6695	0.0011	-0.0002	0.0007	7.70E+06	0.214
1460.790	1200	0	2102	0.0008	-0.0001	0.0007	2.73E+06	0.106	1497.240	2201	0	3986	0.0010	-0.0001	0.0008	4.41E+06	0.164	1763.280	4200	0	4795	0.0010	-0.0001	0.0007	5.36E+06	0.166	2020.550	6199	0	6741	0.0011	-0.0002	0.0007	7.74E+06	0.212
1461.790	1200	0	2149	0.0008	-0.0001	0.0007	2.78E+06	0.107	1498.240	2201	0	4001	0.0010	-0.0001	0.0008	4.38E+06	0.166	1764.280	4199	0	4795	0.0010	-0.0001	0.0007	5.35E+06	0.165	2021.550	6200	0	6757	0.0011				

1505.780	1202	0	2787	0.0010	-0.0001	0.0009	3.16E+06	0.131	1542.220	2199	0	5029	0.0013	-0.0002	0.0009	5.53E+06	0.212	1808.270	4201	0	6056	0.0012	-0.0002	0.0008	6.74E+06	0.218	2065.540	6199	0	8470	0.0013	-0.0002	0.0009	7.95E+06	0.218
1506.780	1200	0	2802	0.0010	-0.0001	0.0009	3.14E+06	0.129	1543.220	2200	0	5029	0.0013	-0.0002	0.0009	5.54E+06	0.213	1809.270	4200	0	6103	0.0012	-0.0002	0.0009	6.74E+06	0.219	2066.540	6199	0	8485	0.0013	-0.0002	0.0009	7.99E+06	0.219
1507.780	1199	0	2818	0.0010	-0.0001	0.0009	3.13E+06	0.131	1544.220	2201	0	5044	0.0013	-0.0002	0.0009	5.60E+06	0.215	1810.270	4202	0	6134	0.0012	-0.0002	0.0009	6.75E+06	0.221	2067.540	6200	0	8547	0.0013	-0.0002	0.0009	7.99E+06	0.219
1508.780	1199	0	2818	0.0010	-0.0001	0.0009	3.13E+06	0.132	1545.220	2200	0	5044	0.0012	-0.0002	0.0009	5.64E+06	0.216	1811.270	4199	0	6165	0.0012	-0.0002	0.0009	6.79E+06	0.222	2068.540	6200	0	8594	0.0013	-0.0002	0.0009	8.03E+06	0.220
1509.780	1200	0	2849	0.0010	-0.0001	0.0009	3.14E+06	0.131	1546.220	2200	0	5107	0.0013	-0.0002	0.0009	5.65E+06	0.218	1812.260	4201	0	6212	0.0012	-0.0002	0.0009	6.79E+06	0.222	2069.540	6199	0	8641	0.0013	-0.0002	0.0009	8.03E+06	0.221
1510.780	1199	0	2880	0.0010	-0.0001	0.0009	3.13E+06	0.133	1547.220	2200	0	5138	0.0013	-0.0002	0.0009	5.68E+06	0.219	1813.260	4201	0	6228	0.0012	-0.0002	0.0009	6.80E+06	0.222	2070.540	6199	0	8672	0.0013	-0.0002	0.0009	8.06E+06	0.222
1511.780	1201	0	2865	0.0011	-0.0001	0.0009	3.13E+06	0.132	1548.220	2199	0	5153	0.0013	-0.0002	0.0009	5.72E+06	0.220	1814.260	4199	0	6274	0.0012	-0.0002	0.0009	6.83E+06	0.223	2071.540	6200	0	8688	0.0013	-0.0002	0.0009	8.11E+06	0.223
1512.780	1199	0	2911	0.0010	-0.0001	0.0009	3.18E+06	0.133	1549.220	2201	0	5200	0.0013	-0.0002	0.0009	5.70E+06	0.223	1815.260	4200	0	6321	0.0012	-0.0002	0.0009	6.83E+06	0.224	2072.540	6202	0	8750	0.0013	-0.0002	0.0009	8.15E+06	0.224
1513.780	1200	0	2943	0.0011	-0.0001	0.0009	3.20E+06	0.131	1550.220	2200	0	5200	0.0013	-0.0002	0.0009	5.76E+06	0.225	1816.260	4200	0	6352	0.0013	-0.0002	0.0009	6.83E+06	0.225	2073.540	6201	0	8796	0.0013	-0.0002	0.0009	8.17E+06	0.223
1514.780	1199	0	2943	0.0011	-0.0001	0.0009	3.21E+06	0.132	1551.220	2201	0	5262	0.0013	-0.0002	0.0009	5.84E+06	0.227	1817.260	4200	0	6414	0.0013	-0.0002	0.0009	6.78E+06	0.223	2074.540	6201	0	8843	0.0013	-0.0002	0.0009	8.17E+06	0.223
1515.780	1200	0	2927	0.0011	-0.0001	0.0009	3.23E+06	0.132	1552.220	2199	0	5293	0.0013	-0.0002	0.0009	5.82E+06	0.225	1818.260	4199	0	6446	0.0013	-0.0002	0.0009	6.81E+06	0.223	2075.530	6199	0	8874	0.0013	-0.0002	0.0009	8.18E+06	0.223
1516.780	1199	0	2958	0.0011	-0.0001	0.0009	3.25E+06	0.133	1553.220	2201	0	5325	0.0013	-0.0002	0.0009	5.81E+06	0.224	1819.260	4200	0	6492	0.0013	-0.0002	0.0009	6.86E+06	0.226	2076.530	6199	0	8890	0.0013	-0.0002	0.0009	8.19E+06	0.223
1517.780	1200	0	2958	0.0011	-0.0001	0.0009	3.23E+06	0.132	1554.220	2201	0	5340	0.0013	-0.0002	0.0009	5.87E+06	0.226	1820.260	4201	0	6477	0.0013	-0.0002	0.0009	6.90E+06	0.227	2077.530	6200	0	8937	0.0014	-0.0002	0.0009	8.17E+06	0.223
1518.780	1200	0	2989	0.0011	-0.0001	0.0009	3.24E+06	0.133	1555.220	2201	0	5356	0.0013	-0.0002	0.0009	5.88E+06	0.228	1821.260	4201	0	6508	0.0013	-0.0002	0.0009	6.91E+06	0.227	2078.530	6200	0	8968	0.0014	-0.0002	0.0009	8.20E+06	0.224
1519.780	1199	0	3020	0.0011	-0.0001	0.0009	3.26E+06	0.135	1556.220	2200	0	5418	0.0013	-0.0002	0.0009	5.89E+06	0.227	1822.260	4200	0	6570	0.0013	-0.0002	0.0009	6.94E+06	0.227	2079.530	6199	0	9014	0.0014	-0.0002	0.0009	8.23E+06	0.227
1520.770	1199	0	3020	0.0011	-0.0001	0.0009	3.27E+06	0.136	1557.220	2200	0	5434	0.0013	-0.0002	0.0009	5.93E+06	0.228	1823.260	4198	0	6617	0.0013	-0.0002	0.0009	6.92E+06	0.229	2080.530	6199	0	9061	0.0014	-0.0002	0.0009	8.23E+06	0.227
1521.770	1200	0	3052	0.0011	-0.0001	0.0009	3.28E+06	0.134	1558.220	2199	0	5465	0.0013	-0.0002	0.0009	5.91E+06	0.229	1824.260	4199	0	6632	0.0013	-0.0002	0.0009	6.94E+06	0.229	2081.530	6199	0	9077	0.0014	-0.0002	0.0009	8.26E+06	0.225
1522.770	1199	0	3083	0.0011	-0.0001	0.0009	3.28E+06	0.134	1559.220	2200	0	5511	0.0013	-0.0002	0.0009	5.92E+06	0.228	1825.260	4199	0	6695	0.0013	-0.0002	0.0009	6.95E+06	0.228	2082.530	6199	0	9139	0.0014	-0.0002	0.0009	8.31E+06	0.226
1523.770	1199	0	3052	0.0011	-0.0001	0.0009	3.29E+06	0.135	1560.220	2200	0	5527	0.0013	-0.0002	0.0009	5.99E+06	0.232	1826.260	4200	0	6695	0.0013	-0.0002	0.0009	6.95E+06	0.226	2083.530	6199	0	9186	0.0014	-0.0002	0.0009	8.31E+06	0.228
1524.770	1201	0	3114	0.0011	-0.0001	0.0009	3.30E+06	0.134	1561.220	2200	0	5574	0.0014	-0.0002	0.0010	5.97E+06	0.232	1827.260	4199	0	6726	0.0013	-0.0002	0.0009	6.97E+06	0.225	2084.530	6201	0	9201	0.0014	-0.0002	0.0009	8.35E+06	0.227
1525.770	1202	0	3129	0.0011	-0.0001	0.0009	3.30E+06	0.135	1562.220	2001	0	5636	0.0013	-0.0002	0.0009	5.99E+06	0.233	1828.260	4198	0	6757	0.0013	-0.0002	0.0009	7.00E+06	0.227	2085.530	6199	0	9279	0.0014	-0.0002	0.0009	8.34E+06	0.228
1526.770	1201	0	3129	0.0011	-0.0001	0.0009	3.33E+06	0.136	1563.220	2201	0	5636	0.0013	-0.0002	0.0009	6.01E+06	0.233	1829.260	4199	0	6804	0.0013	-0.0002	0.0009	7.01E+06	0.226	2086.530	6200	0	9295	0.0014	-0.0002	0.0009	8.37E+06	0.227
1527.770	1202	0	3145	0.0011	-0.0001	0.0009	3.34E+06	0.137	1564.220	2199	0	5698	0.0013	-0.0002	0.0009	5.96E+06	0.233	1830.260	4201	0	6835	0.0013	-0.0002	0.0009	7.03E+06	0.225	2087.530	6199	0	9326	0.0014	-0.0002	0.0009	8.35E+06	0.226
1528.770	1201	0	3161	0.0011	-0.0001	0.0009	3.33E+06	0.138	1565.220	2200	0	5714	0.0014	-0.0002	0.0010	5.90E+06	0.233	1831.260	4201	0	6866	0.0013	-0.0002	0.0009	7.07E+06	0.225	2088.530	6201	0	9388	0.0014	-0.0002	0.0009	8.29E+06	0.225
1529.770	1200	0	3192	0.0012	-0.0001	0.0009	3.36E+06	0.140	1566.220	2200	0	5714	0.0014	-0.0002	0.0010	5.88E+06	0.234	1832.260	4201	0	6882	0.0013	-0.0002	0.0009	7.14E+06	0.227	2089.530	6199	0	9419	0.0014	-0.0002	0.0009	8.26E+06	0.225
1530.770	1199	0	3207	0.0011	-0.0001	0.0009	3.36E+06	0.140	1567.220	2200	0	5761	0.0014	-0.0002	0.0010	5.82E+06	0.234	1833.260	4200	0	6944	0.0013	-0.0002	0.0009	7.17E+06	0.226	2090.530	6201	0	9466	0.0014	-0.0002	0.0009	8.29E+06	0.226
1531.770	1201	0	3192	0.0012	-0.0001	0.0010	3.35E+06	0.139	1568.220	2200	0	5792	0.0014	-0.0002	0.0010	5.83E+06	0.235	1834.260	4202	0	6959	0.0013	-0.0002	0.0009	7.19E+06	0.226	2091.530	6199	0	9513	0.0014	-0.0002	0.0009	8.33E+06	0.228
1532.770	1199	0	3223	0.0012	-0.0001	0.0009	3.37E+06	0.141	1569.210	2201	0	5807	0.0014	-0.0002	0.0010	5.86E+06	0.236	1835.260	4199	0	7006	0.0013	-0.0002	0.0009	7.17E+06	0.226	2092.530	6199	0	9544	0.0014	-0.0002	0.0009	8.31E+06	0.226
1533.770	1200	0	3223	0.0012	-0.0001	0.0010	3.38E+06	0.140	1570.210	2201	0	5854	0.0014	-0.0002	0.0010	5.83E+06	0.236	1836.260	4201	0	7022	0.0013	-0.0002	0.0009	7.21E+06	0.224	2093.530	6199	0	9575	0.0014	-0.0002	0.0009	8.26E+06	0.228
1534.770	1200	0	3254	0.0012	-0.0001	0.0010	3.38E+06	0.142	1571.210	2201	0	5901	0.0014	-0.0002	0.0010	5.82E+06	0.238	1837.260	4199	0	7053	0.0014	-0.0002	0.0009	7.23E+06	0.225	2094.530	6199	0	9622	0.0014	-0.0002	0.0009	8.23E+06	0.228
1535.770	1200	0	3301	0.0012	-0.0001	0.0010	3.39E+06	0.140	1572.210	2200	0	5916	0.0014	-0.0002	0.0010	5.79E+06	0.237	1838.260	4201	0	7115	0.0014	-0.0002	0.0009	7.24E+06	0.225	2095.530	6200	0	9699	0.0014	-0.0002	0.0009	8.27E+06	0.229
1536.770	1198	0	3301	0.0012	-0.0001	0.0010	3.42E+06	0.140	1573.210	2201	0	5963	0.0014	-0.0002	0.0010	5.78E+06	0.237	1839.260	4199	0	7162	0.0014	-0.0002	0.0009	7.26E+06	0.227	2096.530	6199	0	9699	0.0014	-0.0003	0.0009	8.25E+06	0.228
1537.770	1199	0	3332	0.0012	-0.0001	0.0010	3.41E+06	0.142	1574.210	2199	0	5963	0.0014	-0.0002	0.0010	5.78E+06	0.237	1840.260	4200	0	7177	0.0014	-0.0002	0.0009	7.29E+06	0.229	2097.530	6199	0	9746	0.0014				

1581.760	1200	0	4079	0.0014	-0.0001	0.0011	4.04E+06	0.173	1618.200	2199	0	7302	0.0016	-0.0003	0.0011	6.29E+06	0.253	1884.240	4201	0	8750	0.0016	-0.0003	0.0011	7.19E+06	0.238	2141.510	6200	0	11941	0.0017	-0.0003	0.0011	8.45E+06	0.249
1582.760	1200	0	4110	0.0014	-0.0001	0.0011	4.04E+06	0.172	1619.200	2201	0	7302	0.0016	-0.0003	0.0011	6.32E+06	0.256	1885.240	4201	0	8828	0.0016	-0.0003	0.0011	7.17E+06	0.237	2142.510	6199	0	12019	0.0017	-0.0003	0.0011	8.48E+06	0.250
1583.750	1200	0	4157	0.0014	-0.0001	0.0011	4.06E+06	0.174	1620.200	2199	0	7333	0.0016	-0.0003	0.0011	6.36E+06	0.255	1886.240	4199	0	8843	0.0016	-0.0003	0.0011	7.14E+06	0.238	2143.510	6199	0	12050	0.0017	-0.0003	0.0011	8.49E+06	0.249
1584.750	1199	0	4188	0.0014	-0.0001	0.0011	4.08E+06	0.173	1621.200	2201	0	7364	0.0016	-0.0003	0.0011	6.35E+06	0.256	1887.240	4200	0	8874	0.0016	-0.0003	0.0011	7.15E+06	0.238	2144.510	6199	0	12113	0.0017	-0.0003	0.0011	8.46E+06	0.249
1585.750	1200	0	4204	0.0014	-0.0001	0.0011	4.07E+06	0.172	1622.200	2199	0	7411	0.0017	-0.0003	0.0011	6.39E+06	0.258	1888.240	4199	0	8937	0.0016	-0.0003	0.0011	7.18E+06	0.240	2145.510	6199	0	12159	0.0017	-0.0003	0.0011	8.43E+06	0.250
1586.750	1201	0	4219	0.0014	-0.0001	0.0011	4.09E+06	0.170	1623.200	2201	0	7426	0.0016	-0.0003	0.0011	6.39E+06	0.258	1889.240	4198	0	8937	0.0016	-0.0003	0.0011	7.16E+06	0.240	2146.510	6199	0	12206	0.0017	-0.0003	0.0011	8.47E+06	0.250
1587.750	1198	0	4235	0.0014	-0.0001	0.0011	4.10E+06	0.169	1624.200	2200	0	7458	0.0017	-0.0003	0.0011	6.37E+06	0.260	1890.240	4200	0	9014	0.0016	-0.0003	0.0011	7.16E+06	0.242	2147.510	6199	0	12253	0.0017	-0.0003	0.0011	8.48E+06	0.251
1588.750	1200	0	4266	0.0014	-0.0001	0.0011	4.11E+06	0.170	1625.200	2201	0	7520	0.0017	-0.0003	0.0011	6.41E+06	0.261	1891.240	4200	0	9030	0.0016	-0.0003	0.0011	7.22E+06	0.243	2148.510	6199	0	12284	0.0017	-0.0003	0.0011	8.49E+06	0.251
1589.750	1199	0	4281	0.0014	-0.0002	0.0011	4.07E+06	0.168	1626.200	2200	0	7567	0.0017	-0.0003	0.0011	6.40E+06	0.260	1892.240	4200	0	9061	0.0016	-0.0003	0.0011	7.24E+06	0.243	2149.510	6199	0	12315	0.0017	-0.0003	0.0011	8.43E+06	0.252
1590.750	1201	0	4297	0.0014	-0.0001	0.0011	4.09E+06	0.169	1627.200	2199	0	7567	0.0017	-0.0003	0.0011	6.35E+06	0.260	1893.240	4199	0	9123	0.0016	-0.0003	0.0011	7.25E+06	0.242	2150.510	6200	0	12377	0.0017	-0.0003	0.0011	8.39E+06	0.252
1591.750	1199	0	4313	0.0014	-0.0001	0.0011	4.08E+06	0.168	1628.200	2201	0	7613	0.0017	-0.0003	0.0011	6.37E+06	0.260	1894.240	4199	0	9170	0.0016	-0.0003	0.0011	7.22E+06	0.240	2151.510	6199	0	12424	0.0018	-0.0003	0.0011	8.42E+06	0.252
1592.750	1200	0	4328	0.0014	-0.0001	0.0012	4.09E+06	0.169	1629.200	2201	0	7613	0.0017	-0.0003	0.0011	6.41E+06	0.262	1895.240	4199	0	9186	0.0016	-0.0003	0.0011	7.26E+06	0.240	2152.510	6200	0	12486	0.0018	-0.0003	0.0011	8.45E+06	0.253
1593.750	1200	0	4359	0.0015	-0.0001	0.0012	4.14E+06	0.168	1630.200	2199	0	7660	0.0017	-0.0003	0.0011	6.40E+06	0.261	1896.240	4200	0	9201	0.0016	-0.0003	0.0011	7.30E+06	0.242	2153.510	6199	0	12502	0.0018	-0.0003	0.0011	8.40E+06	0.253
1594.750	1201	0	4390	0.0015	-0.0002	0.0012	4.13E+06	0.166	1631.200	2201	0	7707	0.0017	-0.0003	0.0011	6.44E+06	0.262	1897.240	4201	0	9248	0.0017	-0.0003	0.0011	7.37E+06	0.244	2154.510	6200	0	12533	0.0018	-0.0003	0.0011	8.37E+06	0.253
1595.750	1199	0	4390	0.0015	-0.0002	0.0012	4.11E+06	0.166	1632.190	2200	0	7707	0.0017	-0.0003	0.0011	6.50E+06	0.261	1898.240	4200	0	9341	0.0017	-0.0003	0.0011	7.38E+06	0.244	2155.510	6201	0	12595	0.0018	-0.0003	0.0011	8.36E+06	0.252
1596.750	1199	0	4422	0.0015	-0.0002	0.0012	4.11E+06	0.166	1633.190	2199	0	7738	0.0017	-0.0003	0.0011	6.49E+06	0.263	1899.240	4200	0	9373	0.0017	-0.0003	0.0011	7.41E+06	0.246	2156.510	6199	0	12626	0.0018	-0.0003	0.0011	8.40E+06	0.251
1597.750	1201	0	4437	0.0015	-0.0002	0.0012	4.10E+06	0.168	1634.190	2200	0	7784	0.0017	-0.0003	0.0011	6.53E+06	0.263	1900.240	4201	0	9388	0.0017	-0.0003	0.0011	7.44E+06	0.247	2157.510	6199	0	12658	0.0018	-0.0003	0.0011	8.44E+06	0.251
1598.750	1200	0	4453	0.0015	-0.0002	0.0012	4.13E+06	0.171	1635.190	2201	0	7816	0.0017	-0.0003	0.0011	6.53E+06	0.261	1901.240	4198	0	9404	0.0017	-0.0003	0.0011	7.44E+06	0.248	2158.510	6200	0	12704	0.0018	-0.0003	0.0011	8.41E+06	0.249
1599.750	1201	0	4515	0.0015	-0.0002	0.0012	4.11E+06	0.170	1636.190	2200	0	7831	0.0017	-0.0003	0.0011	6.47E+06	0.261	1902.240	4203	0	9450	0.0017	-0.0003	0.0011	7.55E+06	0.248	2159.510	6199	0	12751	0.0018	-0.0003	0.0011	8.36E+06	0.247
1600.750	1201	0	4515	0.0015	-0.0002	0.0012	4.10E+06	0.172	1637.190	2201	0	7893	0.0017	-0.0003	0.0011	6.53E+06	0.262	1903.240	4200	0	9482	0.0017	-0.0003	0.0011	7.61E+06	0.250	2160.510	6200	0	12798	0.0018	-0.0003	0.0011	8.38E+06	0.247
1601.750	1200	0	4546	0.0015	-0.0002	0.0012	4.07E+06	0.173	1638.190	2200	0	7925	0.0017	-0.0003	0.0011	6.37E+06	0.258	1904.240	4201	0	9544	0.0017	-0.0003	0.0011	7.72E+06	0.252	2161.510	6201	0	12813	0.0018	-0.0003	0.0011	8.39E+06	0.246
1602.750	1200	0	4531	0.0015	-0.0002	0.0012	4.09E+06	0.172	1639.190	2200	0	7956	0.0017	-0.0003	0.0011	6.34E+06	0.259	1905.230	4199	0	9559	0.0017	-0.0003	0.0011	7.74E+06	0.252	2162.510	6201	0	12876	0.0018	-0.0003	0.0011	8.36E+06	0.247
1603.750	1199	0	4562	0.0015	-0.0002	0.0012	4.11E+06	0.174	1640.190	2202	0	7971	0.0017	-0.0003	0.0012	6.35E+06	0.261	1906.230	4201	0	9606	0.0017	-0.0003	0.0011	7.80E+06	0.254	2163.510	6199	0	12907	0.0018	-0.0003	0.0011	8.39E+06	0.248
1604.750	1199	0	4577	0.0015	-0.0002	0.0012	4.12E+06	0.174	1641.190	2200	0	8018	0.0017	-0.0003	0.0011	6.39E+06	0.260	1907.230	4200	0	9622	0.0017	-0.0003	0.0011	7.83E+06	0.255	2164.510	6200	0	12922	0.0018	-0.0003	0.0011	8.39E+06	0.247
1605.750	1201	0	4608	0.0015	-0.0002	0.0012	4.16E+06	0.175	1642.190	2200	0	8049	0.0017	-0.0003	0.0011	6.40E+06	0.262	1908.230	4201	0	9653	0.0017	-0.0003	0.0011	7.71E+06	0.256	2165.510	6199	0	13000	0.0018	-0.0003	0.0011	8.39E+06	0.246
1606.750	1200	0	4655	0.0015	-0.0002	0.0012	4.15E+06	0.179	1643.190	2200	0	8080	0.0018	-0.0003	0.0012	6.41E+06	0.261	1909.230	4200	0	9715	0.0017	-0.0003	0.0011	7.63E+06	0.259	2166.510	6199	0	13016	0.0018	-0.0003	0.0012	8.40E+06	0.245
1607.750	1200	0	4686	0.0015	-0.0002	0.0012	4.11E+06	0.181	1644.190	2201	0	8111	0.0018	-0.0003	0.0011	6.46E+06	0.263	1910.230	4200	0	9746	0.0017	-0.0003	0.0011	7.48E+06	0.260	2167.510	6200	0	13062	0.0018	-0.0003	0.0011	8.40E+06	0.245
1608.750	1201	0	4655	0.0015	-0.0002	0.0012	4.13E+06	0.185	1645.190	2201	0	8143	0.0018	-0.0003	0.0012	6.45E+06	0.265	1911.230	4199	0	9777	0.0017	-0.0003	0.0011	7.26E+06	0.260	2168.500	6199	0	13109	0.0018	-0.0003	0.0011	8.43E+06	0.244
1609.750	1199	0	4686	0.0015	-0.0002	0.0012	4.09E+06	0.185	1646.190	2201	0	8174	0.0018	-0.0003	0.0012	6.48E+06	0.266	1912.230	4199	0	9840	0.0017	-0.0003	0.0011	7.09E+06	0.262	2169.500	6199	0	13140	0.0019	-0.0003	0.0012	8.49E+06	0.246
1610.750	1201	0	4717	0.0015	-0.0002	0.0012	4.11E+06	0.186	1647.190	2199	0	8220	0.0018	-0.0003	0.0011	6.50E+06	0.268	1913.230	4201	0	9855	0.0017	-0.0003	0.0011	6.98E+06	0.264	2170.500	6199	0	13171	0.0019	-0.0003	0.0012	8.56E+06	0.247
1611.750	1200	0	4733	0.0015	-0.0002	0.0012	4.15E+06	0.186	1648.190	2201	0	8283	0.0018	-0.0003	0.0012	6.50E+06	0.267	1914.230	4200	0	9886	0.0017	-0.0003	0.0011	6.92E+06	0.265	2171.500	6200	0	13203	0.0018	-0.0003	0.0012	8.53E+06	0.248
1612.750	1198	0	4749	0.0016	-0.0002	0.0012	4.15E+06	0.186	1649.190	2201	0	8267	0.0018	-0.0003	0.0012	6.51E+06	0.269	1915.230	4201	0	9917	0.0017	-0.0003	0.0011	6.87E+06	0.267	2172.500	6200	0	13265	0.0019	-0.0004	0.0012	8.57E+06	0.248
1613.750	1200	0	4795	0.0016	-0.0002	0.0012	4.13E+06	0.187	1650.190	2200	0	8298	0.0018	-0.0003	0.0012	6.42E+06	0.267	1916.230	4201	0	9980	0.0017	-0.0003	0.0011	6.88E+06	0.267	2173.500								

1657.730	1202	0	5745	0.0018	-0.0002	0.0014	4.74E+06	0.214	1694.170	2200	0	10042	0.0021	-0.0004	0.0013	6.65E+06	0.279	1960.220	4200	0	11786	0.0020	-0.0004	0.0012	9.20E+06	0.272	2217.490	6199	0	14837	0.0020	-0.0004	0.0012	8.76E+06	0.263
1658.730	1200	0	5792	0.0018	-0.0002	0.0013	4.73E+06	0.214	1695.170	2199	0	10073	0.0020	-0.0004	0.0013	6.67E+06	0.279	1961.220	4198	0	11926	0.0020	-0.0004	0.0012	9.13E+06	0.274	2218.490	6201	0	14900	0.0020	-0.0004	0.0012	8.71E+06	0.264
1659.730	1200	0	5792	0.0018	-0.0002	0.0013	4.74E+06	0.214	1696.170	2201	0	10104	0.0020	-0.0004	0.0013	6.70E+06	0.280	1962.220	4200	0	12035	0.0020	-0.0004	0.0013	8.81E+06	0.273	2219.490	6199	0	14900	0.0020	-0.0004	0.0012	8.70E+06	0.263
1660.730	1200	0	5807	0.0018	-0.0002	0.0014	4.72E+06	0.214	1697.170	2200	0	10135	0.0021	-0.0004	0.0013	6.71E+06	0.279	1963.220	4200	0	12113	0.0020	-0.0004	0.0013	8.62E+06	0.276	2220.490	6201	0	14915	0.0020	-0.0004	0.0013	8.78E+06	0.263
1661.730	1202	0	5838	0.0018	-0.0002	0.0014	4.69E+06	0.214	1698.170	2200	0	10167	0.0021	-0.0004	0.0013	6.71E+06	0.280	1964.220	4200	0	12222	0.0020	-0.0004	0.0013	8.48E+06	0.279	2221.490	6201	0	14946	0.0020	-0.0004	0.0012	8.80E+06	0.264
1662.730	1199	0	5885	0.0018	-0.0002	0.0014	4.75E+06	0.215	1699.170	2201	0	10182	0.0021	-0.0004	0.0013	6.77E+06	0.281	1965.220	4199	0	12300	0.0020	-0.0004	0.0013	8.37E+06	0.281	2222.490	6201	0	14946	0.0021	-0.0004	0.0013	8.78E+06	0.264
1663.730	1203	0	5885	0.0018	-0.0002	0.0014	4.76E+06	0.216	1700.170	2201	0	10213	0.0021	-0.0004	0.0013	6.77E+06	0.281	1966.220	4200	0	12377	0.0020	-0.0004	0.0013	8.25E+06	0.282	2223.490	6199	0	14977	0.0020	-0.0004	0.0012	8.81E+06	0.265
1664.730	1199	0	5916	0.0018	-0.0002	0.0013	4.76E+06	0.215	1701.170	2201	0	10260	0.0021	-0.0004	0.0013	6.73E+06	0.280	1967.220	4200	0	12455	0.0020	-0.0004	0.0013	8.21E+06	0.281	2224.490	6201	0	15009	0.0020	-0.0004	0.0012	8.79E+06	0.265
1665.730	1201	0	5947	0.0018	-0.0002	0.0014	4.78E+06	0.214	1702.170	2200	0	10260	0.0021	-0.0004	0.0013	6.70E+06	0.281	1968.210	4201	0	12486	0.0021	-0.0004	0.0013	8.15E+06	0.283	2225.490	6200	0	15071	0.0021	-0.0004	0.0013	8.80E+06	0.265
1666.730	1201	0	5979	0.0018	-0.0002	0.0014	4.78E+06	0.213	1703.170	2201	0	10307	0.0021	-0.0004	0.0013	6.69E+06	0.278	1969.210	4200	0	12502	0.0021	-0.0004	0.0013	8.26E+06	0.287	2226.490	6199	0	14931	0.0021	-0.0004	0.0013	8.84E+06	0.266
1667.730	1200	0	6025	0.0018	-0.0002	0.0014	4.78E+06	0.213	1704.170	2201	0	10322	0.0021	-0.0004	0.0013	6.74E+06	0.279	1970.210	4200	0	12564	0.0021	-0.0004	0.0013	8.31E+06	0.287	2227.490	6201	0	14759	0.0021	-0.0004	0.0013	8.88E+06	0.267
1668.730	1199	0	6010	0.0019	-0.0002	0.0014	4.81E+06	0.214	1705.170	2201	0	10353	0.0021	-0.0004	0.0013	6.78E+06	0.280	1971.210	4200	0	12580	0.0021	-0.0004	0.0013	8.32E+06	0.288	2228.490	6199	0	14666	0.0021	-0.0004	0.0012	8.92E+06	0.267
1669.730	1200	0	6041	0.0018	-0.0002	0.0014	4.79E+06	0.213	1706.170	2202	0	10400	0.0021	-0.0004	0.0013	6.78E+06	0.282	1972.210	4198	0	12595	0.0021	-0.0004	0.0013	8.33E+06	0.286	2229.490	6199	0	15304	0.0021	-0.0004	0.0013	8.93E+06	0.268
1670.730	1200	0	6056	0.0018	-0.0002	0.0014	4.79E+06	0.213	1707.170	2201	0	10431	0.0021	-0.0004	0.0013	6.83E+06	0.281	1973.210	4199	0	12611	0.0021	-0.0004	0.0013	8.42E+06	0.290	2230.490	6200	0	15943	0.0022	-0.0004	0.0013	8.92E+06	0.268
1671.730	1201	0	6103	0.0018	-0.0002	0.0014	4.84E+06	0.212	1708.170	2201	0	10462	0.0021	-0.0004	0.0013	6.75E+06	0.280	1974.210	4200	0	12626	0.0021	-0.0004	0.0013	8.37E+06	0.291	2231.480	6199	0	16036	0.0022	-0.0004	0.0013	8.95E+06	0.270
1672.730	1201	0	6150	0.0018	-0.0002	0.0014	4.86E+06	0.214	1709.170	2200	0	10509	0.0021	-0.0004	0.0013	6.75E+06	0.280	1975.210	4198	0	12673	0.0021	-0.0004	0.0013	8.42E+06	0.289	2232.480	6200	0	16114	0.0022	-0.0004	0.0013	8.95E+06	0.269
1673.730	1201	0	6196	0.0019	-0.0002	0.0014	4.87E+06	0.213	1710.170	2199	0	10509	0.0021	-0.0004	0.0013	6.81E+06	0.283	1976.210	4199	0	12720	0.0021	-0.0004	0.0013	8.46E+06	0.288	2233.480	6199	0	16114	0.0022	-0.0004	0.0013	8.96E+06	0.269
1674.730	1200	0	6196	0.0019	-0.0002	0.0014	4.89E+06	0.213	1711.170	2200	0	10571	0.0021	-0.0004	0.0013	6.85E+06	0.284	1977.210	4201	0	12704	0.0021	-0.0004	0.0013	8.40E+06	0.286	2234.480	6199	0	16130	0.0022	-0.0004	0.0013	8.94E+06	0.269
1675.730	1200	0	6243	0.0019	-0.0002	0.0014	4.91E+06	0.213	1712.170	2201	0	10587	0.0021	-0.0004	0.0013	6.87E+06	0.285	1978.210	4200	0	12751	0.0021	-0.0004	0.0013	8.42E+06	0.285	2235.480	6199	0	16145	0.0022	-0.0004	0.0013	8.92E+06	0.267
1676.720	1199	0	6274	0.0019	-0.0002	0.0014	4.90E+06	0.214	1713.170	2199	0	10634	0.0021	-0.0004	0.0013	6.92E+06	0.287	1979.210	4200	0	12798	0.0021	-0.0004	0.0013	8.38E+06	0.285	2236.480	6199	0	16192	0.0022	-0.0004	0.0013	8.93E+06	0.267
1677.720	1200	0	6337	0.0019	-0.0002	0.0014	4.92E+06	0.215	1714.170	2200	0	10649	0.0021	-0.0004	0.0013	6.88E+06	0.285	1980.210	4199	0	12813	0.0021	-0.0004	0.0013	8.28E+06	0.284	2237.480	6199	0	16098	0.0022	-0.0004	0.0013	8.93E+06	0.267
1678.720	1199	0	6352	0.0019	-0.0002	0.0014	4.90E+06	0.216	1715.170	2200	0	10696	0.0021	-0.0004	0.0013	6.89E+06	0.286	1981.210	4201	0	12829	0.0021	-0.0004	0.0013	8.22E+06	0.282	2238.480	6199	0	16207	0.0022	-0.0004	0.0013	8.95E+06	0.266
1679.720	1201	0	6383	0.0019	-0.0002	0.0014	4.90E+06	0.217	1716.170	2198	0	10696	0.0022	-0.0004	0.0013	6.92E+06	0.287	1982.210	4198	0	12860	0.0021	-0.0004	0.0013	8.12E+06	0.281	2239.480	6199	0	16301	0.0022	-0.0004	0.0013	8.95E+06	0.265
1680.720	1200	0	6430	0.0019	-0.0002	0.0014	4.93E+06	0.217	1717.170	2199	0	10727	0.0022	-0.0004	0.0013	6.88E+06	0.285	1983.210	4200	0	12860	0.0021	-0.0004	0.0013	8.09E+06	0.283	2240.480	6201	0	16379	0.0022	-0.0004	0.0013	8.95E+06	0.264
1681.720	1200	0	6430	0.0019	-0.0002	0.0014	4.94E+06	0.218	1718.170	2201	0	10774	0.0021	-0.0004	0.0013	6.85E+06	0.285	1984.210	4199	0	12922	0.0021	-0.0004	0.0013	7.98E+06	0.281	2241.480	6199	0	16425	0.0022	-0.0004	0.0013	8.95E+06	0.264
1682.720	1201	0	6477	0.0019	-0.0002	0.0014	4.97E+06	0.220	1719.170	2201	0	10820	0.0021	-0.0004	0.0013	6.86E+06	0.284	1985.210	4200	0	12985	0.0021	-0.0004	0.0013	7.94E+06	0.279	2242.480	6200	0	16441	0.0022	-0.0004	0.0013	8.95E+06	0.265
1683.720	1197	0	6508	0.0019	-0.0002	0.0014	4.95E+06	0.219	1720.170	2201	0	10836	0.0021	-0.0004	0.0013	6.83E+06	0.285	1986.210	4200	0	13031	0.0021	-0.0004	0.0013	7.79E+06	0.278	2243.480	6199	0	16332	0.0022	-0.0004	0.0013	8.99E+06	0.265
1684.720	1201	0	6539	0.0019	-0.0002	0.0014	4.97E+06	0.219	1721.170	2200	0	10867	0.0022	-0.0004	0.0013	6.89E+06	0.288	1987.210	4201	0	13016	0.0022	-0.0004	0.0013	7.89E+06	0.283	2244.480	6199	0	16410	0.0022	-0.0004	0.0013	8.99E+06	0.265
1685.720	1201	0	6586	0.0020	-0.0003	0.0015	4.96E+06	0.219	1722.170	2201	0	10898	0.0022	-0.0004	0.0013	6.92E+06	0.288	1988.210	4199	0	13078	0.0021	-0.0004	0.0013	7.85E+06	0.282	2245.480	6199	0	16534	0.0022	-0.0004	0.0013	9.02E+06	0.264
1686.720	1199	0	6601	0.0020	-0.0003	0.0015	4.99E+06	0.221	1723.170	2201	0	10914	0.0022	-0.0004	0.0013	6.95E+06	0.287	1989.210	4200	0	13078	0.0021	-0.0004	0.0013	7.81E+06	0.278	2246.480	6200	0	16565	0.0022	-0.0005	0.0013	9.03E+06	0.263
1687.720	1200	0	6617	0.0019	-0.0003	0.0014	4.96E+06	0.221	1724.170	2201	0	10945	0.0022	-0.0004	0.0013	6.97E+06	0.288	1990.210	4200	0	13109	0.0021	-0.0004	0.0013	7.86E+06	0.279	2247.480	6199	0	16628	0.0022	-0.0005	0.0013	9.04E+06	0.263
1688.720	1198	0	6648	0.0019	-0.0003	0.0014	4.95E+06	0.222	1725.170	2201	0	10992	0.0022	-0.0004	0.0013	7.00E+06	0.289	1991.210	4199	0	13125	0.0021	-0.0004	0.0013	7.87E+06	0.280	2248.480	6199	0	16674	0.0022	-0.0005	0.0013	9.02E+06	0.263
1689.720	1202	0	6679	0.0020	-0.0003	0.0015	4.93E+06	0.221	1726.160	2200	0	11023	0.0022	-0.0004	0.0013	6.95E+06	0.287	1992.210	4201	0	13187	0													

1733.710	1200	0	7800	0.0022	-0.0003	0.0016	5.45E+06	0.259	1770.150	2200	0	12455	0.0024	-0.0005	0.0014	6.95E+06	0.297	2036.190	4200	0	14791	0.0024	-0.0005	0.0014	8.36E+06	0.290	2293.460	6200	0	18574	0.0024	-0.0005	0.0014	8.91E+06	0.294
1734.710	1198	0	7784	0.0022	-0.0003	0.0016	5.42E+06	0.259	1771.150	2201	0	12486	0.0024	-0.0005	0.0014	6.96E+06	0.298	2037.190	4200	0	14853	0.0024	-0.0005	0.0014	8.36E+06	0.291	2294.460	6199	0	18636	0.0024	-0.0005	0.0014	8.91E+06	0.295
1735.710	1199	0	7816	0.0022	-0.0003	0.0016	5.45E+06	0.259	1772.150	2201	0	12533	0.0024	-0.0005	0.0014	6.96E+06	0.299	2038.190	4200	0	14884	0.0023	-0.0005	0.0014	8.39E+06	0.293	2295.460	6201	0	18667	0.0025	-0.0005	0.0014	8.89E+06	0.293
1736.710	1201	0	7847	0.0022	-0.0003	0.0016	5.44E+06	0.258	1773.150	2200	0	12564	0.0024	-0.0005	0.0014	6.96E+06	0.298	2039.190	4200	0	14900	0.0024	-0.0005	0.0014	8.43E+06	0.294	2296.460	6199	0	18714	0.0025	-0.0005	0.0014	8.80E+06	0.289
1737.710	1202	0	7878	0.0022	-0.0003	0.0016	5.48E+06	0.259	1774.150	2201	0	12595	0.0024	-0.0005	0.0014	7.03E+06	0.302	2040.190	4199	0	14977	0.0024	-0.0005	0.0014	8.38E+06	0.294	2297.460	6200	0	18745	0.0025	-0.0005	0.0014	8.85E+06	0.289
1738.710	1199	0	7909	0.0022	-0.0003	0.0016	5.48E+06	0.259	1775.150	2200	0	12626	0.0024	-0.0005	0.0014	7.05E+06	0.302	2041.190	4199	0	15009	0.0024	-0.0005	0.0014	8.46E+06	0.296	2298.460	6201	0	18807	0.0025	-0.0005	0.0014	8.81E+06	0.287
1739.700	1201	0	7909	0.0022	-0.0003	0.0016	5.49E+06	0.260	1776.150	2201	0	12642	0.0024	-0.0005	0.0014	7.06E+06	0.303	2042.190	4200	0	15055	0.0024	-0.0005	0.0014	8.51E+06	0.299	2299.460	6199	0	18854	0.0025	-0.0005	0.0014	8.77E+06	0.289
1740.700	1199	0	7956	0.0022	-0.0003	0.0016	5.49E+06	0.260	1777.150	2200	0	12673	0.0024	-0.0005	0.0015	7.07E+06	0.303	2043.190	4199	0	15086	0.0024	-0.0005	0.0014	8.51E+06	0.300	2300.460	6199	0	18885	0.0025	-0.0005	0.0014	8.68E+06	0.286
1741.700	1201	0	7987	0.0022	-0.0003	0.0016	5.51E+06	0.260	1778.150	2201	0	12735	0.0024	-0.0005	0.0014	7.07E+06	0.304	2044.190	4200	0	15118	0.0024	-0.0005	0.0014	8.50E+06	0.300	2301.460	6200	0	18885	0.0025	-0.0005	0.0014	8.72E+06	0.288
1742.700	1199	0	7971	0.0022	-0.0003	0.0016	5.48E+06	0.258	1779.150	2200	0	12782	0.0024	-0.0005	0.0014	7.06E+06	0.305	2045.190	4198	0	15149	0.0024	-0.0005	0.0014	8.49E+06	0.299	2302.460	6201	0	18979	0.0025	-0.0005	0.0015	8.65E+06	0.286
1743.700	1200	0	8018	0.0022	-0.0003	0.0016	5.45E+06	0.256	1780.150	2201	0	12813	0.0024	-0.0005	0.0014	7.10E+06	0.309	2046.190	4199	0	15180	0.0024	-0.0005	0.0014	8.46E+06	0.300	2303.460	6199	0	18979	0.0025	-0.0005	0.0015	8.66E+06	0.288
1744.700	1200	0	8065	0.0022	-0.0003	0.0016	5.43E+06	0.254	1781.150	2200	0	12860	0.0024	-0.0005	0.0014	7.06E+06	0.307	2047.190	4200	0	15211	0.0024	-0.0005	0.0014	8.50E+06	0.301	2304.460	6199	0	19041	0.0025	-0.0005	0.0014	8.69E+06	0.287
1745.700	1202	0	8080	0.0022	-0.0003	0.0016	5.44E+06	0.253	1782.150	2201	0	12860	0.0024	-0.0005	0.0014	7.09E+06	0.308	2048.190	4200	0	15273	0.0024	-0.0005	0.0014	8.51E+06	0.301	2305.460	6200	0	19072	0.0025	-0.0005	0.0014	8.69E+06	0.287
1746.700	1201	0	8096	0.0022	-0.0003	0.0016	5.42E+06	0.252	1783.150	2201	0	12907	0.0025	-0.0005	0.0014	7.10E+06	0.307	2049.190	4201	0	15336	0.0024	-0.0005	0.0014	8.50E+06	0.303	2306.460	6200	0	19134	0.0025	-0.0005	0.0014	8.73E+06	0.288
1747.700	1199	0	8127	0.0023	-0.0003	0.0016	5.39E+06	0.251	1784.150	2201	0	12938	0.0024	-0.0005	0.0014	7.16E+06	0.311	2050.190	4199	0	15398	0.0024	-0.0005	0.0014	8.51E+06	0.303	2307.460	6201	0	19165	0.0025	-0.0005	0.0015	8.73E+06	0.288
1748.700	1200	0	8127	0.0022	-0.0003	0.0016	5.37E+06	0.252	1785.150	2201	0	12985	0.0024	-0.0005	0.0014	7.17E+06	0.310	2051.190	4199	0	15522	0.0024	-0.0005	0.0014	8.48E+06	0.303	2308.460	6199	0	19197	0.0025	-0.0005	0.0015	8.73E+06	0.289
1749.700	1199	0	8189	0.0022	-0.0003	0.0016	5.40E+06	0.253	1786.150	2201	0	13016	0.0024	-0.0005	0.0014	7.25E+06	0.313	2052.190	4200	0	15585	0.0024	-0.0005	0.0014	8.45E+06	0.303	2309.460	6200	0	19243	0.0025	-0.0005	0.0015	8.84E+06	0.294
1750.700	1199	0	8205	0.0022	-0.0003	0.0016	5.40E+06	0.255	1787.150	2201	0	13031	0.0025	-0.0005	0.0015	7.24E+06	0.312	2053.190	4200	0	15647	0.0025	-0.0005	0.0015	8.52E+06	0.305	2310.460	6200	0	19274	0.0025	-0.0005	0.0015	8.86E+06	0.293
1751.700	1201	0	8236	0.0023	-0.0003	0.0016	5.42E+06	0.256	1788.140	2201	0	13031	0.0025	-0.0005	0.0015	7.27E+06	0.313	2054.190	4200	0	15725	0.0025	-0.0005	0.0014	8.50E+06	0.304	2311.460	6199	0	19306	0.0025	-0.0005	0.0015	8.87E+06	0.294
1752.700	1200	0	8252	0.0023	-0.0003	0.0016	5.42E+06	0.255	1789.140	2200	0	13109	0.0025	-0.0005	0.0015	7.30E+06	0.313	2055.190	4201	0	15787	0.0025	-0.0005	0.0015	8.48E+06	0.304	2312.460	6199	0	19383	0.0026	-0.0005	0.0015	8.89E+06	0.292
1753.700	1199	0	8267	0.0023	-0.0003	0.0016	5.44E+06	0.256	1790.140	2200	0	13140	0.0025	-0.0005	0.0015	7.34E+06	0.315	2056.190	4200	0	15834	0.0025	-0.0005	0.0014	8.48E+06	0.304	2313.460	6199	0	19399	0.0026	-0.0005	0.0015	8.91E+06	0.292
1754.700	1202	0	8329	0.0023	-0.0003	0.0016	5.48E+06	0.258	1791.140	2200	0	13203	0.0025	-0.0005	0.0015	7.38E+06	0.317	2057.190	4199	0	15896	0.0025	-0.0005	0.0015	8.51E+06	0.305	2314.460	6201	0	19430	0.0026	-0.0005	0.0015	8.83E+06	0.289
1755.700	1199	0	8314	0.0023	-0.0003	0.0016	5.49E+06	0.258	1792.140	2200	0	13187	0.0025	-0.0005	0.0015	7.39E+06	0.318	2058.190	4200	0	15958	0.0025	-0.0005	0.0014	8.47E+06	0.304	2315.460	6199	0	19492	0.0026	-0.0005	0.0015	8.81E+06	0.290
1756.700	1199	0	8345	0.0023	-0.0003	0.0016	5.50E+06	0.258	1793.140	2199	0	13218	0.0025	-0.0005	0.0015	7.43E+06	0.319	2059.190	4201	0	16005	0.0025	-0.0005	0.0015	8.50E+06	0.304	2316.460	6200	0	19539	0.0026	-0.0005	0.0015	8.82E+06	0.292
1757.700	1201	0	8392	0.0023	-0.0003	0.0016	5.56E+06	0.260	1794.140	2201	0	13265	0.0025	-0.0005	0.0015	7.43E+06	0.320	2060.190	4202	0	16083	0.0025	-0.0005	0.0015	8.50E+06	0.304	2317.460	6200	0	19570	0.0026	-0.0005	0.0015	8.82E+06	0.290
1758.700	1199	0	8407	0.0023	-0.0003	0.0016	5.62E+06	0.264	1795.140	2201	0	13327	0.0025	-0.0005	0.0015	7.46E+06	0.318	2061.190	4199	0	16114	0.0025	-0.0005	0.0015	8.49E+06	0.304	2318.460	6199	0	19586	0.0026	-0.0005	0.0015	8.91E+06	0.293
1759.700	1199	0	8438	0.0023	-0.0003	0.0016	5.61E+06	0.264	1796.140	2200	0	13343	0.0025	-0.0005	0.0015	7.48E+06	0.318	2062.180	4199	0	16192	0.0025	-0.0005	0.0015	8.49E+06	0.304	2319.460	6201	0	19633	0.0026	-0.0006	0.0015	8.98E+06	0.294
1760.700	1200	0	8470	0.0023	-0.0003	0.0016	5.61E+06	0.267	1797.140	2200	0	13374	0.0025	-0.0005	0.0015	7.47E+06	0.319	2063.180	4199	0	16223	0.0025	-0.0005	0.0015	8.46E+06	0.304	2320.460	6199	0	19679	0.0026	-0.0005	0.0015	9.00E+06	0.297
1761.700	1200	0	8470	0.0023	-0.0003	0.0016	5.64E+06	0.267	1798.140	2199	0	13405	0.0025	-0.0005	0.0015	7.44E+06	0.319	2064.180	4200	0	16301	0.0025	-0.0005	0.0015	8.50E+06	0.305	2321.460	6200	0	19710	0.0026	-0.0006	0.0015	9.01E+06	0.296
1762.700	1203	0	8516	0.0023	-0.0003	0.0016	5.66E+06	0.268	1799.140	2200	0	13436	0.0025	-0.0005	0.0015	7.43E+06	0.319	2065.180	4200	0	16347	0.0025	-0.0005	0.0015	8.50E+06	0.306	2322.460	6199	0	19788	0.0026	-0.0006	0.0015	9.12E+06	0.300
1763.700	1199	0	8547	0.0023	-0.0003	0.0016	5.69E+06	0.269	1800.140	2201	0	13483	0.0025	-0.0005	0.0015	7.51E+06	0.322	2066.180	4200	0	16410	0.0025	-0.0005	0.0015	8.48E+06	0.306	2323.460	6200	0	19804	0.0026	-0.0006	0.0015	9.09E+06	0.297
1764.700	1201	0	8563	0.0023	-0.0003	0.0016	5.70E+06	0.270	1801.140	2200	0	13514	0.0025	-0.0005	0.0015	7.46E+06	0.320	2067.180	4199	0	16457	0.0025	-0.0005	0.0015	8.49E+06	0.307	2324.460	6199	0	19851	0.0026	-0.0006	0.0015	9.11E+06	0.296
1765.700	1200	0	8578	0.0023	-0.0003	0.0016	5.72E+06	0.272	1802.140	2201	0	13545	0.0025	-0.0005	0.0015	7.45E+06	0.320	2068.180	4199	0	16472	0													



1809.680	1200	0	9793	0.0025	-0.0004	0.0017	6.01E+06	0.297	1846.130	2201	0	15398	0.0028	-0.0006	0.0016	7.31E+06	0.329	2112.170	4200	0	18200	0.0028	-0.0006	0.0016	8.53E+06	0.326	2369.440	6200	0	21656	0.0028	-0.0006	0.0016	9.12E+06	0.308
1810.680	1200	0	9840	0.0025	-0.0004	0.0017	5.99E+06	0.296	1847.130	2199	0	15429	0.0028	-0.0006	0.0016	7.30E+06	0.327	2113.170	4201	0	18216	0.0028	-0.0006	0.0016	8.54E+06	0.327	2370.440	6201	0	21688	0.0028	-0.0006	0.0016	9.17E+06	0.309
1811.680	1201	0	9886	0.0025	-0.0004	0.0017	5.98E+06	0.299	1848.130	2200	0	15444	0.0028	-0.0006	0.0016	7.31E+06	0.328	2114.170	4199	0	18247	0.0028	-0.0006	0.0016	8.53E+06	0.325	2371.440	6200	0	21766	0.0028	-0.0006	0.0016	9.18E+06	0.311
1812.680	1199	0	9902	0.0025	-0.0004	0.0017	5.96E+06	0.299	1849.130	2201	0	15491	0.0028	-0.0006	0.0016	7.30E+06	0.330	2115.170	4201	0	18294	0.0028	-0.0006	0.0016	8.59E+06	0.326	2372.440	6201	0	21812	0.0028	-0.0006	0.0016	9.19E+06	0.311
1813.680	1199	0	9933	0.0025	-0.0004	0.0017	5.94E+06	0.301	1850.130	2201	0	15522	0.0028	-0.0006	0.0016	7.28E+06	0.329	2116.170	4199	0	18340	0.0028	-0.0006	0.0016	8.64E+06	0.327	2373.440	6199	0	21874	0.0028	-0.0006	0.0016	9.30E+06	0.314
1814.680	1201	0	9917	0.0025	-0.0004	0.0017	5.97E+06	0.303	1851.120	2201	0	15569	0.0028	-0.0006	0.0016	7.38E+06	0.331	2117.170	4200	0	18403	0.0028	-0.0006	0.0016	8.68E+06	0.328	2374.440	6199	0	21921	0.0028	-0.0006	0.0016	9.25E+06	0.313
1815.680	1200	0	9964	0.0025	-0.0004	0.0017	5.98E+06	0.304	1852.120	2200	0	15585	0.0028	-0.0006	0.0016	7.31E+06	0.329	2118.170	4200	0	18434	0.0028	-0.0006	0.0016	8.67E+06	0.330	2375.440	6201	0	21937	0.0028	-0.0006	0.0016	9.22E+06	0.313
1816.680	1201	0	10011	0.0026	-0.0004	0.0017	5.98E+06	0.306	1853.120	2199	0	15631	0.0028	-0.0006	0.0016	7.21E+06	0.329	2119.170	4201	0	18465	0.0028	-0.0006	0.0016	8.59E+06	0.329	2376.440	6201	0	21999	0.0028	-0.0006	0.0016	9.32E+06	0.317
1817.680	1201	0	10073	0.0026	-0.0004	0.0017	5.98E+06	0.304	1854.120	2201	0	15662	0.0028	-0.0006	0.0016	7.35E+06	0.331	2120.170	4199	0	18496	0.0028	-0.0006	0.0016	8.64E+06	0.329	2377.440	6199	0	22030	0.0028	-0.0006	0.0016	9.29E+06	0.317
1818.680	1199	0	10089	0.0026	-0.0004	0.0017	6.02E+06	0.307	1855.120	2200	0	15678	0.0028	-0.0006	0.0016	7.35E+06	0.333	2121.170	4199	0	18527	0.0028	-0.0006	0.0016	8.60E+06	0.328	2378.440	6200	0	22077	0.0028	-0.0006	0.0016	9.32E+06	0.316
1819.680	1199	0	10089	0.0026	-0.0004	0.0017	6.04E+06	0.310	1856.120	2201	0	15725	0.0028	-0.0006	0.0016	7.33E+06	0.333	2122.170	4199	0	18558	0.0028	-0.0006	0.0016	8.61E+06	0.328	2379.440	6202	0	22108	0.0028	-0.0006	0.0016	9.42E+06	0.318
1820.680	1199	0	10135	0.0026	-0.0004	0.0017	6.00E+06	0.309	1857.120	2200	0	15787	0.0028	-0.0006	0.0016	7.32E+06	0.332	2123.170	4201	0	18636	0.0028	-0.0006	0.0016	8.68E+06	0.328	2380.440	6199	0	22170	0.0028	-0.0006	0.0016	9.35E+06	0.317
1821.680	1200	0	10167	0.0026	-0.0004	0.0017	5.95E+06	0.308	1858.120	2201	0	15803	0.0028	-0.0006	0.0016	7.31E+06	0.331	2124.160	4202	0	18667	0.0028	-0.0006	0.0016	8.64E+06	0.325	2381.440	6200	0	22186	0.0029	-0.0006	0.0016	9.32E+06	0.317
1822.680	1199	0	10198	0.0026	-0.0004	0.0017	5.97E+06	0.310	1859.120	2201	0	15818	0.0029	-0.0006	0.0016	7.21E+06	0.326	2125.160	4201	0	18714	0.0028	-0.0006	0.0016	8.56E+06	0.323	2382.440	6201	0	22217	0.0029	-0.0006	0.0016	9.34E+06	0.316
1823.680	1200	0	10291	0.0026	-0.0004	0.0018	5.99E+06	0.312	1860.120	2201	0	15865	0.0029	-0.0006	0.0016	7.23E+06	0.326	2126.160	4199	0	18698	0.0028	-0.0006	0.0016	8.53E+06	0.322	2383.440	6199	0	22264	0.0029	-0.0006	0.0016	9.29E+06	0.314
1824.680	1201	0	10307	0.0026	-0.0004	0.0018	6.00E+06	0.312	1861.120	2201	0	15880	0.0029	-0.0006	0.0016	7.23E+06	0.326	2127.160	4200	0	18761	0.0028	-0.0006	0.0016	8.48E+06	0.320	2384.440	6200	0	22310	0.0029	-0.0006	0.0016	9.33E+06	0.315
1825.680	1199	0	10338	0.0026	-0.0004	0.0018	6.00E+06	0.313	1862.120	2200	0	15943	0.0029	-0.0006	0.0016	7.21E+06	0.326	2128.160	4200	0	18807	0.0028	-0.0006	0.0016	8.58E+06	0.323	2385.440	6200	0	22357	0.0029	-0.0006	0.0016	9.35E+06	0.314
1826.680	1200	0	10431	0.0026	-0.0004	0.0017	6.00E+06	0.315	1863.120	2200	0	15958	0.0029	-0.0006	0.0016	7.25E+06	0.326	2129.160	4200	0	18854	0.0028	-0.0006	0.0016	8.67E+06	0.324	2386.440	6198	0	22435	0.0029	-0.0006	0.0016	9.37E+06	0.314
1827.680	1200	0	10462	0.0026	-0.0004	0.0018	6.00E+06	0.315	1864.120	2201	0	16005	0.0029	-0.0006	0.0016	7.19E+06	0.325	2130.160	4200	0	18870	0.0028	-0.0006	0.0016	8.62E+06	0.323	2387.430	6199	0	22482	0.0029	-0.0006	0.0016	9.30E+06	0.313
1828.680	1201	0	10494	0.0026	-0.0004	0.0018	5.99E+06	0.315	1865.120	2200	0	16020	0.0029	-0.0006	0.0016	7.21E+06	0.324	2131.160	4200	0	18932	0.0028	-0.0006	0.0016	8.57E+06	0.321	2388.430	6199	0	22497	0.0029	-0.0006	0.0016	9.33E+06	0.313
1829.680	1200	0	10540	0.0027	-0.0004	0.0018	5.98E+06	0.315	1866.120	2201	0	16067	0.0029	-0.0006	0.0016	7.27E+06	0.325	2132.160	4199	0	18932	0.0028	-0.0006	0.0016	8.61E+06	0.320	2389.430	6199	0	22560	0.0029	-0.0006	0.0016	9.25E+06	0.311
1830.680	1200	0	10587	0.0027	-0.0004	0.0018	6.01E+06	0.317	1867.120	2200	0	16130	0.0029	-0.0006	0.0016	7.29E+06	0.325	2133.160	4200	0	18979	0.0028	-0.0006	0.0016	8.56E+06	0.321	2390.430	6200	0	22606	0.0029	-0.0006	0.0016	9.25E+06	0.311
1831.680	1200	0	10634	0.0027	-0.0004	0.0018	5.96E+06	0.316	1868.120	2200	0	16145	0.0029	-0.0006	0.0016	7.29E+06	0.324	2134.160	4201	0	18994	0.0028	-0.0006	0.0016	8.56E+06	0.321	2391.430	6200	0	22637	0.0029	-0.0006	0.0016	9.26E+06	0.311
1832.680	1199	0	10665	0.0027	-0.0004	0.0018	5.96E+06	0.315	1869.120	2201	0	16192	0.0029	-0.0006	0.0016	7.34E+06	0.327	2135.160	4200	0	19072	0.0029	-0.0006	0.0016	8.60E+06	0.324	2392.430	6199	0	22668	0.0029	-0.0006	0.0016	9.19E+06	0.310
1833.670	1200	0	10711	0.0027	-0.0004	0.0018	5.97E+06	0.315	1870.120	2201	0	16207	0.0029	-0.0006	0.0016	7.27E+06	0.325	2136.160	4199	0	19134	0.0029	-0.0006	0.0016	8.56E+06	0.324	2393.430	6199	0	22715	0.0029	-0.0007	0.0016	9.17E+06	0.310
1834.670	1201	0	10758	0.0027	-0.0005	0.0017	5.98E+06	0.316	1871.120	2201	0	16254	0.0029	-0.0006	0.0016	7.26E+06	0.324	2137.160	4201	0	19134	0.0029	-0.0006	0.0016	8.52E+06	0.325	2394.430	6199	0	22762	0.0029	-0.0007	0.0016	9.22E+06	0.312
1835.670	1201	0	10805	0.0027	-0.0005	0.0018	5.97E+06	0.316	1872.120	2200	0	16285	0.0029	-0.0006	0.0016	7.29E+06	0.324	2138.160	4200	0	19197	0.0029	-0.0006	0.0016	8.52E+06	0.324	2395.430	6199	0	22824	0.0029	-0.0007	0.0016	9.20E+06	0.313
1836.670	1199	0	10805	0.0027	-0.0005	0.0018	5.97E+06	0.318	1873.120	2202	0	16316	0.0029	-0.0007	0.0016	7.25E+06	0.323	2139.160	4200	0	19228	0.0029	-0.0006	0.0016	8.51E+06	0.323	2396.430	6201	0	22855	0.0029	-0.0007	0.0016	9.20E+06	0.314
1837.670	1199	0	10867	0.0027	-0.0005	0.0018	5.93E+06	0.318	1874.120	2200	0	16363	0.0029	-0.0007	0.0016	7.19E+06	0.321	2140.160	4201	0	19274	0.0029	-0.0006	0.0016	8.49E+06	0.324	2397.430	6199	0	22933	0.0029	-0.0007	0.0016	9.25E+06	0.316
1838.670	1199	0	10867	0.0027	-0.0005	0.0018	5.96E+06	0.322	1875.120	2200	0	16394	0.0029	-0.0007	0.0016	7.22E+06	0.321	2141.160	4201	0	19306	0.0029	-0.0006	0.0016	8.52E+06	0.325	2398.430	6199	0	23011	0.0029	-0.0007	0.0016	9.24E+06	0.317
1839.670	1201	0	10929	0.0027	-0.0005	0.0018	5.97E+06	0.324	1876.120	2200	0	16425	0.0029	-0.0007	0.0016	7.23E+06	0.322	2142.160	4200	0	19321	0.0029	-0.0006	0.0016	8.43E+06	0.323	2399.430	6200	0	23073	0.0030	-0.0007	0.0016	9.22E+06	0.318
1840.670	1200	0	10976	0.0027	-0.0005	0.0018	5.97E+06	0.327	1877.120	2200	0	16441	0.0029	-0.0007	0.0016	7.21E+06	0.320	2143.160	4199	0	19383	0.0029	-0.0006	0.0016	8.32E+06	0.319	2400.430	6199	0	23151	0.0030	-0.0007	0.0016	9.28E+06	0.320
1841.670	1200	0	10976	0.0027	-0.0005	0.0018	5.98E+06	0.328	1878.120	2201	0	16472	0.0029	-0.0007	0.0016	7.20E+06	0.319	2144.160																	

1885.660	1198	0	12284	0.0029	-0.0005	0.0019	6.46E+06	0.360	1922.100	2201	0	17982	0.0031	-0.0007	0.0017	7.57E+06	0.355	2188.140	4199	0	21221	0.0031	-0.0007	0.0017	8.64E+06	0.332	2445.420	6199	0	25518	0.0032	-0.0007	0.0017	9.09E+06	0.327
1886.660	1201	0	12331	0.0029	-0.0005	0.0019	6.44E+06	0.358	1923.100	2201	0	18044	0.0031	-0.0007	0.0017	7.63E+06	0.358	2189.140	4200	0	21267	0.0031	-0.0007	0.0017	8.64E+06	0.332	2446.420	6199	0	25580	0.0032	-0.0007	0.0017	9.11E+06	0.328
1887.660	1201	0	12362	0.0029	-0.0005	0.0018	6.44E+06	0.358	1924.100	2200	0	18060	0.0031	-0.0007	0.0017	7.57E+06	0.358	2190.140	4201	0	21314	0.0031	-0.0007	0.0017	8.58E+06	0.330	2447.420	6200	0	25595	0.0032	-0.0008	0.0017	9.03E+06	0.327
1888.660	1200	0	12409	0.0029	-0.0005	0.0019	6.33E+06	0.355	1925.100	2200	0	18091	0.0032	-0.0007	0.0017	7.58E+06	0.360	2191.140	4200	0	21345	0.0031	-0.0007	0.0017	8.53E+06	0.332	2448.420	6200	0	25658	0.0032	-0.0008	0.0017	9.10E+06	0.329
1889.660	1200	0	12424	0.0029	-0.0005	0.0019	6.37E+06	0.358	1926.100	2199	0	18122	0.0031	-0.0007	0.0017	7.60E+06	0.361	2192.140	4201	0	21345	0.0031	-0.0007	0.0017	8.55E+06	0.334	2449.420	6201	0	25673	0.0032	-0.0008	0.0017	9.05E+06	0.328
1890.660	1201	0	12440	0.0029	-0.0005	0.0019	6.37E+06	0.358	1927.100	2199	0	18185	0.0032	-0.0007	0.0017	7.62E+06	0.363	2193.140	4200	0	21376	0.0031	-0.0007	0.0017	8.49E+06	0.333	2450.410	6201	0	25736	0.0032	-0.0008	0.0017	9.03E+06	0.330
1891.660	1200	0	12471	0.0029	-0.0005	0.0019	6.34E+06	0.355	1928.100	2201	0	18231	0.0032	-0.0007	0.0017	7.56E+06	0.360	2194.140	4200	0	21407	0.0031	-0.0007	0.0017	8.43E+06	0.331	2451.410	6199	0	25767	0.0032	-0.0008	0.0017	9.15E+06	0.331
1892.660	1200	0	12502	0.0030	-0.0005	0.0019	6.36E+06	0.357	1929.100	2201	0	18247	0.0032	-0.0007	0.0017	7.55E+06	0.361	2195.140	4200	0	21454	0.0031	-0.0007	0.0017	8.43E+06	0.330	2452.410	6202	0	25798	0.0032	-0.0008	0.0017	9.08E+06	0.330
1893.660	1201	0	12517	0.0030	-0.0005	0.0019	6.41E+06	0.358	1930.100	2199	0	18278	0.0032	-0.0007	0.0017	7.51E+06	0.359	2196.140	4200	0	21548	0.0031	-0.0007	0.0017	8.35E+06	0.330	2453.410	6200	0	25845	0.0033	-0.0008	0.0017	9.04E+06	0.327
1894.660	1199	0	12580	0.0030	-0.0005	0.0019	6.38E+06	0.355	1931.100	2200	0	18325	0.0032	-0.0007	0.0017	7.53E+06	0.358	2197.140	4199	0	21563	0.0031	-0.0007	0.0017	8.33E+06	0.330	2454.410	6199	0	25891	0.0033	-0.0008	0.0017	9.12E+06	0.325
1895.650	1199	0	12595	0.0030	-0.0006	0.0019	6.35E+06	0.357	1932.100	2201	0	18340	0.0032	-0.0007	0.0017	7.51E+06	0.356	2198.140	4200	0	21579	0.0031	-0.0007	0.0017	8.37E+06	0.330	2455.410	6199	0	25907	0.0032	-0.0008	0.0017	9.06E+06	0.325
1896.650	1200	0	12642	0.0030	-0.0005	0.0019	6.37E+06	0.359	1933.100	2201	0	18418	0.0032	-0.0007	0.0017	7.49E+06	0.357	2199.140	4199	0	21641	0.0031	-0.0007	0.0017	8.37E+06	0.332	2456.410	6200	0	25938	0.0032	-0.0008	0.0017	9.03E+06	0.327
1897.650	1200	0	12658	0.0030	-0.0006	0.0019	6.32E+06	0.359	1934.100	2201	0	18434	0.0032	-0.0007	0.0017	7.51E+06	0.359	2200.140	4198	0	21657	0.0031	-0.0007	0.0017	8.35E+06	0.331	2457.410	6201	0	26016	0.0033	-0.0008	0.0017	9.05E+06	0.329
1898.650	1199	0	12673	0.0030	-0.0006	0.0019	6.35E+06	0.363	1935.100	2201	0	18496	0.0032	-0.0007	0.0017	7.46E+06	0.353	2201.140	4200	0	21703	0.0032	-0.0007	0.0017	8.46E+06	0.331	2458.410	6199	0	26016	0.0033	-0.0008	0.0017	9.00E+06	0.329
1899.650	1199	0	12704	0.0030	-0.0006	0.0019	6.39E+06	0.361	1936.100	2200	0	18480	0.0032	-0.0008	0.0017	7.40E+06	0.349	2202.140	4200	0	21766	0.0031	-0.0007	0.0017	8.33E+06	0.332	2459.410	6200	0	26063	0.0033	-0.0008	0.0017	8.97E+06	0.328
1900.650	1199	0	12735	0.0030	-0.0006	0.0019	6.30E+06	0.360	1937.100	2201	0	18527	0.0032	-0.0008	0.0017	7.41E+06	0.349	2203.140	4200	0	21812	0.0032	-0.0007	0.0017	8.34E+06	0.333	2460.410	6200	0	26094	0.0033	-0.0008	0.0017	9.06E+06	0.330
1901.650	1200	0	12767	0.0030	-0.0006	0.0019	6.29E+06	0.360	1938.100	2199	0	18558	0.0032	-0.0008	0.0017	7.47E+06	0.353	2204.140	4200	0	21843	0.0032	-0.0007	0.0017	8.37E+06	0.335	2461.410	6199	0	26156	0.0033	-0.0008	0.0017	9.00E+06	0.330
1902.650	1200	0	12782	0.0030	-0.0006	0.0019	6.29E+06	0.362	1939.100	2200	0	18621	0.0032	-0.0008	0.0017	7.46E+06	0.355	2205.140	4201	0	21859	0.0032	-0.0007	0.0017	8.37E+06	0.334	2462.410	6199	0	26172	0.0033	-0.0008	0.0017	8.97E+06	0.330
1903.650	1201	0	12829	0.0030	-0.0006	0.0019	6.30E+06	0.364	1940.100	2201	0	18621	0.0032	-0.0008	0.0017	7.49E+06	0.356	2206.140	4200	0	21921	0.0032	-0.0007	0.0017	8.36E+06	0.333	2463.410	6199	0	26218	0.0033	-0.0008	0.0017	9.02E+06	0.330
1904.650	1200	0	12844	0.0030	-0.0006	0.0019	6.31E+06	0.364	1941.100	2199	0	18652	0.0032	-0.0008	0.0017	7.48E+06	0.357	2207.140	4202	0	21952	0.0032	-0.0007	0.0017	8.45E+06	0.335	2464.410	6200	0	26281	0.0033	-0.0008	0.0017	9.13E+06	0.333
1905.650	1201	0	12891	0.0030	-0.0006	0.0019	6.30E+06	0.365	1942.100	2201	0	18698	0.0032	-0.0008	0.0017	7.44E+06	0.357	2208.140	4200	0	21999	0.0032	-0.0007	0.0017	8.40E+06	0.333	2465.410	6201	0	26296	0.0033	-0.0008	0.0017	9.14E+06	0.338
1906.650	1201	0	12922	0.0030	-0.0006	0.0019	6.29E+06	0.368	1943.100	2200	0	18730	0.0032	-0.0008	0.0017	7.44E+06	0.357	2209.140	4199	0	22046	0.0032	-0.0007	0.0017	8.27E+06	0.329	2466.410	6199	0	26327	0.0033	-0.0008	0.0018	9.25E+06	0.339
1907.650	1201	0	12938	0.0030	-0.0006	0.0019	6.30E+06	0.370	1944.090	2201	0	18745	0.0032	-0.0008	0.0017	7.47E+06	0.359	2210.140	4201	0	22061	0.0032	-0.0007	0.0017	8.29E+06	0.330	2467.410	6199	0	26389	0.0033	-0.0008	0.0017	9.25E+06	0.339
1908.650	1199	0	12969	0.0030	-0.0006	0.0019	6.39E+06	0.374	1945.090	2200	0	18792	0.0032	-0.0008	0.0017	7.50E+06	0.362	2211.140	4200	0	22139	0.0032	-0.0007	0.0017	8.31E+06	0.329	2468.410	6199	0	26421	0.0033	-0.0008	0.0017	9.23E+06	0.339
1909.650	1198	0	12969	0.0030	-0.0006	0.0019	6.39E+06	0.375	1946.090	2200	0	18901	0.0032	-0.0008	0.0017	7.50E+06	0.363	2212.140	4200	0	22155	0.0032	-0.0007	0.0017	8.28E+06	0.330	2469.410	6202	0	26452	0.0033	-0.0008	0.0017	9.23E+06	0.340
1910.650	1201	0	13031	0.0030	-0.0006	0.0019	6.41E+06	0.377	1947.090	2200	0	18885	0.0032	-0.0008	0.0017	7.46E+06	0.361	2213.140	4200	0	22201	0.0032	-0.0007	0.0017	8.29E+06	0.330	2470.410	6198	0	26498	0.0033	-0.0008	0.0017	9.22E+06	0.341
1911.650	1199	0	13047	0.0030	-0.0006	0.0019	6.39E+06	0.377	1948.090	2201	0	18947	0.0032	-0.0008	0.0017	7.42E+06	0.361	2214.140	4201	0	22248	0.0032	-0.0008	0.0017	8.31E+06	0.329	2471.410	6201	0	26576	0.0033	-0.0008	0.0017	9.20E+06	0.341
1912.650	1199	0	13109	0.0030	-0.0006	0.0019	6.36E+06	0.378	1949.090	2200	0	18932	0.0033	-0.0008	0.0017	7.44E+06	0.360	2215.140	4199	0	22279	0.0032	-0.0008	0.0017	8.41E+06	0.331	2472.410	6199	0	26576	0.0033	-0.0008	0.0018	9.17E+06	0.339
1913.650	1200	0	13109	0.0031	-0.0006	0.0019	6.42E+06	0.384	1950.090	2200	0	19010	0.0033	-0.0008	0.0017	7.53E+06	0.363	2216.140	4201	0	22342	0.0032	-0.0008	0.0017	8.42E+06	0.333	2473.410	6200	0	26623	0.0033	-0.0008	0.0017	9.21E+06	0.339
1914.650	1200	0	13140	0.0030	-0.0006	0.0019	6.42E+06	0.383	1951.090	2202	0	19041	0.0033	-0.0008	0.0017	7.50E+06	0.362	2217.140	4199	0	22357	0.0032	-0.0008	0.0017	8.44E+06	0.334	2474.410	6199	0	26654	0.0033	-0.0008	0.0018	9.17E+06	0.339
1915.650	1201	0	13156	0.0031	-0.0006	0.0019	6.40E+06	0.383	1952.090	2200	0	19088	0.0033	-0.0008	0.0017	7.52E+06	0.365	2218.130	4201	0	22404	0.0032	-0.0008	0.0017	8.46E+06	0.334	2475.410	6199	0	26685	0.0033	-0.0008	0.0017	9.30E+06	0.342
1916.650	1201	0	13187	0.0031	-0.0006	0.0019	6.47E+06	0.385	1953.090	2200	0	19119	0.0033	-0.0008	0.0017	7.55E+06	0.365	2219.130	4198	0	22482	0.0032	-0.0008	0.0017	8.54E+06	0.338	2476.410	6202	0	26763	0.0033	-0.0008	0.0017	9.29E+06	0.343
1917.650	1201	0	13234	0.0031	-0.0006	0.0019	6.51E+06	0.387	1954.090	2200	0	19150	0.0033	-0.0008	0.0017	7.52E+06	0.363	2220.1																	

1961.630	1200	0	14915	0.0033	-0.0007	0.0020	6.56E+06	0.418	1998.080	2201	0	20862	0.0035	-0.0009	0.0018	7.64E+06	0.391	2264.120	4200	0	24583	0.0035	-0.0008	0.0018	8.71E+06	0.351	2521.390	6200	0	28616	0.0035	-0.0009	0.0018	9.18E+06	0.341
1962.630	1200	0	15086	0.0033	-0.0007	0.0020	6.58E+06	0.417	1999.080	2200	0	20878	0.0035	-0.0009	0.0018	7.58E+06	0.390	2265.120	4199	0	24646	0.0035	-0.0008	0.0018	8.67E+06	0.350	2522.390	6201	0	28647	0.0035	-0.0009	0.0018	9.17E+06	0.340
1963.630	1201	0	15180	0.0034	-0.0007	0.0020	6.57E+06	0.418	2000.080	2199	0	20909	0.0035	-0.0009	0.0018	7.58E+06	0.391	2266.120	4199	0	24724	0.0035	-0.0008	0.0018	8.68E+06	0.351	2523.390	6199	0	28709	0.0035	-0.0009	0.0018	9.17E+06	0.341
1964.630	1201	0	15242	0.0034	-0.0007	0.0019	6.58E+06	0.421	2001.080	2200	0	20909	0.0035	-0.0009	0.0018	7.58E+06	0.392	2267.120	4200	0	24817	0.0035	-0.0009	0.0018	8.68E+06	0.353	2524.390	6199	0	28756	0.0035	-0.0009	0.0018	9.14E+06	0.338
1965.630	1200	0	15195	0.0033	-0.0007	0.0019	6.56E+06	0.419	2002.080	2201	0	20940	0.0035	-0.0009	0.0018	7.55E+06	0.393	2268.120	4200	0	24910	0.0035	-0.0009	0.0018	8.67E+06	0.354	2525.390	6199	0	28787	0.0036	-0.0009	0.0018	9.10E+06	0.339
1966.630	1200	0	15211	0.0033	-0.0007	0.0019	6.53E+06	0.416	2003.080	2200	0	21065	0.0035	-0.0009	0.0018	7.55E+06	0.395	2269.120	4199	0	24973	0.0035	-0.0009	0.0018	8.64E+06	0.353	2526.390	6200	0	28834	0.0036	-0.0009	0.0018	9.13E+06	0.338
1967.630	1201	0	15211	0.0034	-0.0007	0.0019	6.56E+06	0.417	2004.080	2201	0	21158	0.0036	-0.0009	0.0018	7.55E+06	0.397	2270.120	4200	0	25019	0.0035	-0.0009	0.0018	8.63E+06	0.355	2527.390	6200	0	28881	0.0036	-0.0009	0.0018	9.12E+06	0.339
1968.630	1199	0	15211	0.0034	-0.0007	0.0020	6.59E+06	0.420	2005.080	2200	0	21283	0.0036	-0.0009	0.0018	7.49E+06	0.397	2271.120	4200	0	25082	0.0035	-0.0009	0.0018	8.64E+06	0.358	2528.390	6199	0	28896	0.0036	-0.0009	0.0018	9.10E+06	0.338
1969.630	1201	0	15195	0.0034	-0.0007	0.0020	6.61E+06	0.422	2006.080	2201	0	21345	0.0036	-0.0009	0.0018	7.44E+06	0.397	2272.120	4200	0	25175	0.0035	-0.0009	0.0018	8.60E+06	0.359	2529.390	6199	0	28974	0.0036	-0.0009	0.0018	9.10E+06	0.337
1970.630	1200	0	15211	0.0034	-0.0007	0.0019	6.61E+06	0.422	2007.070	2200	0	21423	0.0036	-0.0009	0.0018	7.45E+06	0.399	2273.120	4201	0	25206	0.0035	-0.0009	0.0018	8.60E+06	0.360	2530.390	6201	0	29005	0.0036	-0.0009	0.0018	9.09E+06	0.338
1971.630	1200	0	15226	0.0034	-0.0007	0.0019	6.61E+06	0.422	2008.070	2201	0	21485	0.0036	-0.0009	0.0018	7.52E+06	0.404	2274.120	4199	0	25269	0.0035	-0.0009	0.0018	8.56E+06	0.360	2531.390	6200	0	29052	0.0036	-0.0009	0.0018	9.12E+06	0.338
1972.630	1200	0	15242	0.0034	-0.0007	0.0019	6.54E+06	0.418	2009.070	2200	0	21594	0.0036	-0.0009	0.0018	7.59E+06	0.409	2275.120	4199	0	25331	0.0036	-0.0009	0.0018	8.59E+06	0.361	2532.390	6199	0	29098	0.0036	-0.0009	0.0018	9.11E+06	0.338
1973.630	1201	0	15242	0.0034	-0.0007	0.0020	6.55E+06	0.419	2010.070	2200	0	21610	0.0036	-0.0009	0.0018	7.60E+06	0.411	2276.120	4200	0	25378	0.0036	-0.0009	0.0018	8.64E+06	0.364	2533.390	6199	0	29130	0.0036	-0.0009	0.0018	9.08E+06	0.338
1974.630	1199	0	15242	0.0034	-0.0007	0.0019	6.58E+06	0.420	2011.070	2200	0	21703	0.0036	-0.0009	0.0018	7.63E+06	0.413	2277.120	4201	0	25393	0.0036	-0.0009	0.0018	8.61E+06	0.366	2534.390	6199	0	29176	0.0036	-0.0009	0.0018	9.10E+06	0.338
1975.630	1200	0	15273	0.0034	-0.0007	0.0019	6.56E+06	0.419	2012.070	2200	0	21750	0.0036	-0.0009	0.0018	7.65E+06	0.416	2278.120	4200	0	25455	0.0036	-0.0009	0.0018	8.52E+06	0.364	2535.390	6200	0	29239	0.0036	-0.0009	0.0018	9.13E+06	0.340
1976.630	1201	0	15273	0.0034	-0.0007	0.0019	6.56E+06	0.418	2013.070	2200	0	21797	0.0036	-0.0009	0.0018	7.61E+06	0.415	2279.120	4199	0	25487	0.0036	-0.0009	0.0018	8.39E+06	0.362	2536.390	6199	0	29301	0.0036	-0.0009	0.0018	9.12E+06	0.341
1977.630	1200	0	15304	0.0034	-0.0007	0.0019	6.61E+06	0.419	2014.070	2200	0	21874	0.0036	-0.0009	0.0018	7.65E+06	0.415	2280.110	4200	0	25502	0.0036	-0.0009	0.0018	8.35E+06	0.366	2537.390	6200	0	29316	0.0036	-0.0009	0.0018	9.17E+06	0.342
1978.630	1202	0	15320	0.0034	-0.0007	0.0019	6.58E+06	0.416	2015.070	2200	0	21921	0.0036	-0.0009	0.0018	7.74E+06	0.414	2281.110	4199	0	25533	0.0036	-0.0009	0.0018	8.35E+06	0.369	2538.390	6200	0	29379	0.0036	-0.0009	0.0018	9.18E+06	0.343
1979.630	1201	0	15336	0.0034	-0.0007	0.0019	6.62E+06	0.417	2016.070	2200	0	21952	0.0036	-0.0009	0.0018	7.79E+06	0.412	2282.110	4200	0	25549	0.0036	-0.0009	0.0018	8.38E+06	0.367	2539.390	6200	0	29441	0.0036	-0.0009	0.0018	9.20E+06	0.342
1980.630	1201	0	15351	0.0034	-0.0007	0.0020	6.65E+06	0.417	2017.070	2201	0	22015	0.0037	-0.0009	0.0018	7.85E+06	0.411	2283.110	4200	0	25580	0.0036	-0.0009	0.0018	8.48E+06	0.366	2540.390	6199	0	29441	0.0036	-0.0009	0.0018	9.20E+06	0.342
1981.630	1201	0	15382	0.0034	-0.0007	0.0019	6.59E+06	0.413	2018.070	2200	0	22077	0.0037	-0.0009	0.0018	7.89E+06	0.413	2284.110	4200	0	25611	0.0036	-0.0009	0.0018	8.47E+06	0.362	2541.390	6200	0	29472	0.0036	-0.0009	0.0018	9.23E+06	0.342
1982.630	1201	0	15382	0.0034	-0.0007	0.0019	6.58E+06	0.416	2019.070	2200	0	22108	0.0037	-0.0009	0.0018	7.82E+06	0.409	2285.110	4201	0	25627	0.0036	-0.0009	0.0018	8.60E+06	0.367	2542.390	6200	0	29534	0.0036	-0.0009	0.0018	9.27E+06	0.343
1983.630	1201	0	15429	0.0034	-0.0007	0.0019	6.56E+06	0.417	2020.070	2201	0	22155	0.0037	-0.0009	0.0018	7.74E+06	0.407	2286.110	4201	0	25673	0.0036	-0.0009	0.0018	8.54E+06	0.367	2543.390	6199	0	29581	0.0037	-0.0009	0.0018	9.26E+06	0.344
1984.630	1200	0	15476	0.0034	-0.0007	0.0019	6.57E+06	0.424	2021.070	2201	0	22139	0.0037	-0.0009	0.0018	7.70E+06	0.407	2287.110	4201	0	25689	0.0036	-0.0009	0.0018	8.33E+06	0.368	2544.380	6199	0	29643	0.0037	-0.0009	0.0019	9.26E+06	0.344
1985.630	1200	0	15476	0.0034	-0.0007	0.0019	6.60E+06	0.423	2022.070	2200	0	22124	0.0037	-0.0009	0.0018	7.63E+06	0.407	2288.110	4199	0	25704	0.0036	-0.0009	0.0018	8.07E+06	0.368	2545.380	6200	0	29706	0.0037	-0.0009	0.0019	9.28E+06	0.344
1986.630	1200	0	15507	0.0034	-0.0007	0.0020	6.63E+06	0.423	2023.070	2201	0	22077	0.0037	-0.0009	0.0018	7.56E+06	0.408	2289.110	4200	0	25720	0.0036	-0.0009	0.0018	7.86E+06	0.369	2546.380	6198	0	29706	0.0036	-0.0009	0.0018	9.29E+06	0.344
1987.630	1201	0	15569	0.0034	-0.0007	0.0020	6.62E+06	0.418	2024.070	2201	0	22061	0.0037	-0.0009	0.0018	7.48E+06	0.406	2290.110	4199	0	25736	0.0036	-0.0009	0.0018	7.84E+06	0.371	2547.380	6200	0	29784	0.0037	-0.0009	0.0018	9.30E+06	0.345
1988.630	1200	0	15600	0.0034	-0.0007	0.0020	6.70E+06	0.420	2025.070	2201	0	22061	0.0037	-0.0009	0.0018	7.42E+06	0.408	2291.110	4200	0	25782	0.0036	-0.0009	0.0018	7.90E+06	0.370	2548.380	6199	0	29830	0.0037	-0.0009	0.0018	9.32E+06	0.345
1989.620	1201	0	15616	0.0034	-0.0007	0.0019	6.73E+06	0.419	2026.070	2201	0	22030	0.0037	-0.0009	0.0018	7.36E+06	0.408	2292.110	4199	0	25798	0.0036	-0.0009	0.0018	7.99E+06	0.374	2549.380	6200	0	29861	0.0037	-0.0009	0.0019	9.23E+06	0.341
1990.620	1201	0	15678	0.0034	-0.0007	0.0020	6.70E+06	0.420	2027.070	2199	0	22030	0.0037	-0.0009	0.0018	7.30E+06	0.410	2293.110	4201	0	25829	0.0036	-0.0009	0.0018	7.93E+06	0.370	2550.380	6199	0	29877	0.0037	-0.0009	0.0019	9.25E+06	0.342
1991.620	1201	0	15709	0.0034	-0.0007	0.0020	6.69E+06	0.420	2028.070	2200	0	22046	0.0037	-0.0009	0.0018	7.23E+06	0.411	2294.110	4200	0	25813	0.0036	-0.0009	0.0018	8.00E+06	0.372	2551.380	6200	0	29955	0.0037	-0.0009	0.0019	9.26E+06	0.344
1992.620	1199	0	15740	0.0034	-0.0007	0.0020	6.78E+06	0.426	2029.070	2201	0	22030	0.0037	-0.0009	0.0018	7.25E+06	0.416	2295.110	4199	0	25845	0.0036	-0.0009	0.0018	8.06E+06	0.373	2552.380	6200	0	29970	0.0037	-0.0009	0.0019	9.32E+06	0.345
1993.620	1200	0	15787	0.0034	-0.0007	0.0020	6.76E+06	0.425	2030.070	2201	0	22061	0.0037	-0.0009	0.0018	7.18E+06	0.414	2296.1																	

2037.610	1201	0	17297	0.0037	-0.0009	0.0020	6.49E+06	0.500	2074.050	2201	0	23712	0.0039	-0.0010	0.0018	7.54E+06	0.462	2340.100	4200	0	28118	0.0039	-0.0010	0.0019	8.59E+06	0.380	2597.370	6199	0	32648	0.0040	-0.0010	0.0019	9.15E+06	0.367
2038.610	1200	0	17344	0.0037	-0.0009	0.0020	6.48E+06	0.502	2075.050	2201	0	23743	0.0039	-0.0010	0.0019	7.51E+06	0.461	2341.100	4200	0	28149	0.0039	-0.0010	0.0019	8.57E+06	0.384	2598.370	6199	0	32711	0.0040	-0.0010	0.0019	9.17E+06	0.368
2039.610	1200	0	17344	0.0037	-0.0009	0.0020	6.52E+06	0.509	2076.050	2201	0	23789	0.0039	-0.0010	0.0019	7.56E+06	0.465	2342.090	4200	0	28164	0.0039	-0.0010	0.0019	8.67E+06	0.387	2599.370	6198	0	32679	0.0040	-0.0010	0.0019	9.14E+06	0.367
2040.610	1199	0	17422	0.0037	-0.0009	0.0020	6.50E+06	0.509	2077.050	2200	0	23821	0.0039	-0.0010	0.0019	7.60E+06	0.467	2343.090	4199	0	28149	0.0039	-0.0010	0.0019	8.70E+06	0.390	2600.370	6201	0	32711	0.0040	-0.0010	0.0019	9.07E+06	0.366
2041.610	1199	0	17422	0.0037	-0.0009	0.0020	6.45E+06	0.508	2078.050	2200	0	23883	0.0039	-0.0010	0.0019	7.57E+06	0.468	2344.090	4200	0	28211	0.0039	-0.0010	0.0019	8.54E+06	0.385	2601.370	6199	0	32757	0.0040	-0.0010	0.0019	9.09E+06	0.367
2042.610	1200	0	17453	0.0037	-0.0009	0.0020	6.38E+06	0.506	2079.050	2201	0	23898	0.0039	-0.0010	0.0018	7.59E+06	0.470	2345.090	4199	0	28227	0.0039	-0.0010	0.0019	8.57E+06	0.389	2602.370	6199	0	32819	0.0040	-0.0010	0.0019	9.12E+06	0.369
2043.610	1200	0	17531	0.0037	-0.0009	0.0020	6.37E+06	0.508	2080.050	2200	0	23930	0.0039	-0.0010	0.0019	7.59E+06	0.470	2346.090	4199	0	28304	0.0039	-0.0010	0.0019	8.66E+06	0.392	2603.370	6200	0	32835	0.0040	-0.0010	0.0019	9.18E+06	0.371
2044.610	1200	0	17531	0.0037	-0.0009	0.0020	6.33E+06	0.504	2081.050	2201	0	23976	0.0039	-0.0010	0.0019	7.62E+06	0.475	2347.090	4201	0	28289	0.0039	-0.0010	0.0019	8.65E+06	0.391	2604.370	6199	0	32851	0.0040	-0.0010	0.0019	9.22E+06	0.372
2045.610	1199	0	17546	0.0037	-0.0009	0.0020	6.35E+06	0.505	2082.050	2200	0	24007	0.0039	-0.0010	0.0019	7.59E+06	0.471	2348.090	4201	0	28336	0.0039	-0.0010	0.0019	8.62E+06	0.388	2605.360	6199	0	32897	0.0040	-0.0010	0.0019	9.17E+06	0.370
2046.610	1200	0	17577	0.0037	-0.0009	0.0020	6.41E+06	0.511	2083.050	2201	0	24039	0.0039	-0.0010	0.0019	7.58E+06	0.470	2349.090	4198	0	28351	0.0039	-0.0010	0.0019	8.58E+06	0.385	2606.360	6199	0	32929	0.0040	-0.0010	0.0019	9.13E+06	0.370
2047.610	1200	0	17609	0.0037	-0.0009	0.0020	6.36E+06	0.508	2084.050	2201	0	24054	0.0039	-0.0010	0.0018	7.59E+06	0.471	2350.090	4201	0	28414	0.0039	-0.0010	0.0019	8.58E+06	0.386	2607.360	6199	0	32960	0.0040	-0.0010	0.0019	9.12E+06	0.372
2048.610	1200	0	17624	0.0037	-0.0009	0.0020	6.34E+06	0.510	2085.050	2201	0	24101	0.0040	-0.0010	0.0019	7.55E+06	0.470	2351.090	4200	0	28445	0.0039	-0.0010	0.0019	8.56E+06	0.386	2608.360	6200	0	33006	0.0040	-0.0010	0.0019	9.12E+06	0.372
2049.610	1201	0	17702	0.0037	-0.0009	0.0020	6.27E+06	0.505	2086.050	2201	0	24132	0.0039	-0.0011	0.0018	7.56E+06	0.473	2352.090	4201	0	28460	0.0039	-0.0010	0.0019	8.52E+06	0.388	2609.360	6199	0	33006	0.0040	-0.0010	0.0019	9.10E+06	0.373
2050.610	1199	0	17733	0.0037	-0.0009	0.0020	6.20E+06	0.500	2087.050	2200	0	24163	0.0040	-0.0011	0.0018	7.57E+06	0.476	2353.090	4201	0	28538	0.0039	-0.0010	0.0019	8.48E+06	0.388	2610.360	6200	0	33037	0.0040	-0.0010	0.0019	9.08E+06	0.373
2051.600	1200	0	17733	0.0037	-0.0009	0.0020	6.21E+06	0.504	2088.050	2200	0	24210	0.0039	-0.0011	0.0018	7.56E+06	0.474	2354.090	4201	0	28522	0.0039	-0.0010	0.0019	8.49E+06	0.390	2611.360	6199	0	33084	0.0040	-0.0010	0.0020	8.99E+06	0.374
2052.600	1200	0	17780	0.0037	-0.0009	0.0020	6.39E+06	0.519	2089.050	2200	0	24257	0.0040	-0.0011	0.0018	7.52E+06	0.471	2355.090	4202	0	28585	0.0039	-0.0010	0.0019	8.54E+06	0.391	2612.360	6199	0	33131	0.0040	-0.0010	0.0019	8.97E+06	0.376
2053.600	1200	0	17827	0.0038	-0.0009	0.0020	6.34E+06	0.519	2090.050	2201	0	24288	0.0040	-0.0011	0.0018	7.51E+06	0.473	2356.090	4200	0	28585	0.0039	-0.0010	0.0019	8.55E+06	0.390	2613.360	6199	0	33146	0.0040	-0.0010	0.0020	8.97E+06	0.376
2054.600	1201	0	17827	0.0038	-0.0009	0.0020	6.27E+06	0.516	2091.050	2201	0	24319	0.0040	-0.0011	0.0019	7.50E+06	0.474	2357.090	4201	0	28663	0.0039	-0.0010	0.0019	8.58E+06	0.389	2614.360	6202	0	33193	0.0040	-0.0010	0.0019	8.99E+06	0.374
2055.600	1200	0	17858	0.0037	-0.0009	0.0020	6.18E+06	0.511	2092.050	2201	0	24366	0.0040	-0.0011	0.0018	7.46E+06	0.474	2358.090	4200	0	28694	0.0039	-0.0010	0.0019	8.50E+06	0.386	2615.360	6200	0	33209	0.0040	-0.0010	0.0020	9.05E+06	0.374
2056.600	1199	0	17904	0.0038	-0.0009	0.0020	6.12E+06	0.507	2093.050	2199	0	24412	0.0040	-0.0011	0.0018	7.45E+06	0.474	2359.090	4200	0	28725	0.0040	-0.0010	0.0019	8.44E+06	0.382	2616.360	6200	0	33255	0.0040	-0.0010	0.0020	9.09E+06	0.372
2057.600	1199	0	17951	0.0038	-0.0009	0.0020	6.25E+06	0.519	2094.050	2201	0	24443	0.0040	-0.0011	0.0018	7.44E+06	0.477	2360.090	4199	0	28725	0.0040	-0.0010	0.0019	8.56E+06	0.386	2617.360	6199	0	33302	0.0040	-0.0010	0.0020	9.12E+06	0.373
2058.600	1201	0	17936	0.0038	-0.0009	0.0020	6.32E+06	0.521	2095.050	2200	0	24459	0.0040	-0.0011	0.0018	7.42E+06	0.475	2361.090	4198	0	28787	0.0040	-0.0010	0.0019	8.56E+06	0.385	2618.360	6200	0	33333	0.0040	-0.0010	0.0020	9.15E+06	0.371
2059.600	1199	0	17967	0.0038	-0.0009	0.0020	6.15E+06	0.511	2096.050	2200	0	24490	0.0040	-0.0011	0.0019	7.40E+06	0.475	2362.090	4201	0	28803	0.0040	-0.0010	0.0019	8.60E+06	0.387	2619.360	6199	0	33380	0.0040	-0.0010	0.0020	9.18E+06	0.368
2060.600	1200	0	17982	0.0038	-0.0009	0.0019	6.09E+06	0.509	2097.050	2200	0	24537	0.0040	-0.0011	0.0018	7.42E+06	0.478	2363.090	4201	0	28849	0.0040	-0.0010	0.0019	8.63E+06	0.390	2620.360	6198	0	33396	0.0040	-0.0010	0.0020	9.15E+06	0.366
2061.600	1202	0	18029	0.0038	-0.0009	0.0020	6.13E+06	0.516	2098.050	2200	0	24552	0.0040	-0.0011	0.0018	7.42E+06	0.477	2364.090	4199	0	28896	0.0040	-0.0010	0.0019	8.62E+06	0.389	2621.360	6200	0	33458	0.0041	-0.0010	0.0020	9.18E+06	0.364
2062.600	1200	0	18060	0.0038	-0.0009	0.0020	6.09E+06	0.523	2099.050	2199	0	24583	0.0040	-0.0011	0.0019	7.42E+06	0.476	2365.090	4200	0	28958	0.0040	-0.0010	0.0019	8.60E+06	0.386	2622.360	6199	0	33489	0.0041	-0.0010	0.0020	9.13E+06	0.363
2063.600	1199	0	18091	0.0038	-0.0009	0.0019	6.16E+06	0.535	2100.040	2200	0	24646	0.0040	-0.0011	0.0019	7.42E+06	0.476	2366.090	4199	0	28974	0.0040	-0.0010	0.0019	8.64E+06	0.387	2623.360	6202	0	33536	0.0041	-0.0010	0.0020	9.05E+06	0.360
2064.150	1200	0	18091	0.0038	-0.0009	0.0020	6.14E+06	0.536	2101.040	2201	0	24677	0.0040	-0.0011	0.0019	7.38E+06	0.474	2367.090	4201	0	29005	0.0040	-0.0010	0.0019	8.56E+06	0.387	2624.360	6200	0	33598	0.0041	-0.0011	0.0020	9.09E+06	0.361
									2102.040	2200	0	24692	0.0040	-0.0011	0.0019	7.33E+06	0.472	2368.090	4199	0	29067	0.0040	-0.0010	0.0019	8.60E+06	0.389	2625.360	6198	0	33629	0.0041	-0.0011	0.0019	9.13E+06	0.360
									2103.040	2200	0	24724	0.0040	-0.0011	0.0019	7.28E+06	0.470	2369.090	4200	0	29067	0.0040	-0.0010	0.0019	8.64E+06	0.392	2626.360	6200	0	33676	0.0041	-0.0011	0.0020	9.16E+06	0.361
									2104.040	2200	0	24724	0.0040	-0.0011	0.0018	7.28E+06	0.468	2370.090	4200	0	29145	0.0040	-0.0010	0.0019	8.64E+06	0.392	2627.360	6199	0	33738	0.0041	-0.0011	0.0020	9.21E+06	0.361
									2105.040	2200	0	24770	0.0040	-0.0011	0.0019	7.27E+06	0.466	2371.090	4200	0	29192	0.0040	-0.0010	0.0019	8.63E+06	0.390	2628.360	6199	0	33769	0.0041	-0.0011	0.0020	9.27E+06	0.363
									2106.040	2201	0	24833	0.0040	-0.0011	0.0018	7.25E+06	0.464	2372.090	4199	0	29192	0.0040	-0.0010	0.0019	8.62E+06	0.388	2629.360	6199	0	33800	0.0041	-0.0011	0.0020	9.25E+06	0.362
									2107.040	2201	0	24879	0.0041	-0.0011	0.0019																				

2416.070	4199	0	31372	0.0043	-0.0011	0.0020	8.47E+06	0.414	2673.340	6199	0	35840	0.0043	-0.0011	0.0020	9.29E+06	0.377
2417.070	4200	0	31418	0.0042	-0.0011	0.0020	8.46E+06	0.414	2674.340	6200	0	35871	0.0043	-0.0011	0.0020	9.21E+06	0.375
2418.070	4200	0	31481	0.0043	-0.0011	0.0020	8.38E+06	0.413	2675.340	6200	0	35933	0.0043	-0.0011	0.0020	9.22E+06	0.375
2419.070	4202	0	31512	0.0043	-0.0012	0.0020	8.33E+06	0.414	2676.340	6200	0	35996	0.0043	-0.0011	0.0020	9.23E+06	0.374
2420.070	4199	0	31574	0.0043	-0.0012	0.0020	8.32E+06	0.415	2677.340	6200	0	36042	0.0043	-0.0011	0.0020	9.21E+06	0.375
2421.070	4200	0	31636	0.0043	-0.0012	0.0020	8.28E+06	0.415	2678.340	6200	0	36042	0.0043	-0.0012	0.0020	9.20E+06	0.373
2422.070	4201	0	31636	0.0043	-0.0012	0.0020	8.27E+06	0.414	2679.340	6201	0	36120	0.0043	-0.0011	0.0020	9.19E+06	0.371
2423.070	4200	0	31683	0.0043	-0.0012	0.0020	8.23E+06	0.412	2680.340	6200	0	36182	0.0043	-0.0011	0.0020	9.12E+06	0.369
2424.070	4199	0	31730	0.0043	-0.0012	0.0020	8.13E+06	0.409	2681.340	6201	0	36214	0.0043	-0.0012	0.0020	9.17E+06	0.372
2425.070	4200	0	31761	0.0043	-0.0012	0.0020	8.14E+06	0.411	2682.340	6200	0	36276	0.0043	-0.0012	0.0020	9.23E+06	0.375
2426.070	4199	0	31792	0.0043	-0.0012	0.0020	8.24E+06	0.413	2683.340	6199	0	36307	0.0044	-0.0012	0.0020	9.18E+06	0.375
2427.070	4200	0	31839	0.0043	-0.0012	0.0020	8.16E+06	0.412	2684.340	6199	0	36354	0.0044	-0.0012	0.0020	9.20E+06	0.376
2428.070	4200	0	31885	0.0043	-0.0012	0.0020	8.21E+06	0.416	2685.340	6199	0	36369	0.0044	-0.0012	0.0020	9.19E+06	0.377
2429.070	4201	0	31917	0.0043	-0.0012	0.0020	8.20E+06	0.415	2686.340	6201	0	36416	0.0043	-0.0012	0.0020	9.15E+06	0.377
2430.070	4201	0	31994	0.0043	-0.0012	0.0020	8.10E+06	0.413	2687.340	6200	0	36463	0.0044	-0.0012	0.0020	9.15E+06	0.375
2431.070	4201	0	32010	0.0043	-0.0012	0.0020	8.10E+06	0.412	2688.340	6199	0	36525	0.0044	-0.0012	0.0020	9.15E+06	0.375
2432.070	4199	0	32025	0.0043	-0.0012	0.0020	8.10E+06	0.412	2689.340	6200	0	36556	0.0044	-0.0012	0.0021	9.09E+06	0.375
2433.070	4199	0	32057	0.0043	-0.0012	0.0020	8.09E+06	0.411	2690.340	6199	0	36603	0.0044	-0.0012	0.0020	9.14E+06	0.377
2434.070	4199	0	32072	0.0044	-0.0012	0.0020	8.11E+06	0.414	2691.340	6199	0	36665	0.0044	-0.0012	0.0020	9.21E+06	0.379
2435.070	4201	0	32119	0.0043	-0.0012	0.0020	8.15E+06	0.416	2692.340	6199	0	36696	0.0044	-0.0012	0.0020	9.16E+06	0.378
2436.060	4200	0	32166	0.0043	-0.0012	0.0020	8.13E+06	0.414	2693.340	6199	0	36743	0.0044	-0.0012	0.0020	9.15E+06	0.376
2437.060	4201	0	32197	0.0044	-0.0012	0.0020	8.14E+06	0.415	2694.340	6200	0	36790	0.0044	-0.0012	0.0020	9.14E+06	0.376
2438.060	4199	0	32243	0.0044	-0.0012	0.0020	8.20E+06	0.418	2695.340	6201	0	36836	0.0044	-0.0012	0.0021	9.14E+06	0.379
2439.060	4200	0	32259	0.0044	-0.0012	0.0020	8.19E+06	0.420	2696.340	6201	0	36883	0.0044	-0.0012	0.0020	9.20E+06	0.381
2440.060	4200	0	32321	0.0044	-0.0012	0.0020	8.18E+06	0.419	2697.340	6201	0	36914	0.0044	-0.0012	0.0020	9.24E+06	0.383
2441.060	4199	0	32321	0.0044	-0.0012	0.0020	8.24E+06	0.423	2698.340	6200	0	36961	0.0044	-0.0012	0.0020	9.23E+06	0.382
2442.060	4202	0	32384	0.0044	-0.0012	0.0020	8.16E+06	0.421	2699.330	6199	0	37008	0.0044	-0.0012	0.0021	9.25E+06	0.383
2443.060	4202	0	32430	0.0044	-0.0012	0.0020	8.23E+06	0.426	2700.330	6200	0	37085	0.0044	-0.0012	0.0021	9.33E+06	0.384
2444.060	4200	0	32446	0.0044	-0.0012	0.0020	8.31E+06	0.428	2701.330	6201	0	37085	0.0044	-0.0012	0.0021	9.35E+06	0.386
2445.060	4201	0	32508	0.0044	-0.0012	0.0020	8.25E+06	0.427	2702.330	6201	0	37132	0.0044	-0.0012	0.0020	9.35E+06	0.385
2446.060	4201	0	32539	0.0044	-0.0012	0.0020	8.28E+06	0.428	2703.330	6199	0	37194	0.0044	-0.0012	0.0021	9.36E+06	0.385
2447.060	4200	0	32570	0.0044	-0.0012	0.0020	8.31E+06	0.427	2704.330	6201	0	37210	0.0044	-0.0012	0.0021	9.29E+06	0.385
2448.060	4199	0	32617	0.0044	-0.0012	0.0020	8.27E+06	0.428	2705.330	6199	0	37241	0.0045	-0.0012	0.0021	9.37E+06	0.388
2449.060	4199	0	32633	0.0044	-0.0012	0.0020	8.33E+06	0.432	2706.330	6199	0	37303	0.0045	-0.0012	0.0021	9.38E+06	0.386
2450.060	4200	0	32664	0.0044	-0.0012	0.0020	8.36E+06	0.432	2707.330	6199	0	37366	0.0045	-0.0012	0.0021	9.37E+06	0.388
2451.060	4199	0	32726	0.0044	-0.0012	0.0020	8.31E+06	0.430	2708.330	6199	0	37366	0.0045	-0.0012	0.0021	9.41E+06	0.388
2452.060	4199	0	32757	0.0044	-0.0012	0.0020	8.30E+06	0.429	2709.330	6199	0	37428	0.0045	-0.0012	0.0021	9.40E+06	0.386
2453.060	4200	0	32788	0.0044	-0.0012	0.0020	8.35E+06	0.432	2710.330	6199	0	37475	0.0045	-0.0012	0.0021	9.50E+06	0.386
2454.060	4200	0	32820	0.0044	-0.0012	0.0020	8.28E+06	0.429	2711.330	6200	0	37521	0.0045	-0.0012	0.0021	9.51E+06	0.384
2455.060	4201	0	32866	0.0044	-0.0012	0.0020	8.28E+06	0.430	2712.330	6199	0	37553	0.0045	-0.0012	0.0021	9.58E+06	0.384
2456.060	4199	0	32882	0.0044	-0.0012	0.0020	8.35E+06	0.431	2713.330	6200	0	37599	0.0045	-0.0012	0.0021	9.56E+06	0.383
2457.060	4201	0	32944	0.0044	-0.0012	0.0020	8.35E+06	0.431	2714.330	6199	0	37630	0.0045	-0.0012	0.0021	9.60E+06	0.385
2458.060	4200	0	32991	0.0044	-0.0012	0.0020	8.45E+06	0.436	2715.330	6199	0	37677	0.0045	-0.0012	0.0021	9.58E+06	0.386
2459.060	4200	0	33006	0.0044	-0.0012	0.0020	8.45E+06	0.436	2716.330	6199	0	37755	0.0045	-0.0012	0.0021	9.55E+06	0.388
2460.060	4200	0	33037	0.0044	-0.0012	0.0020	8.42E+06	0.433	2717.330	6199	0	37770	0.0045	-0.0012	0.0021	9.54E+06	0.388
2461.060	4199	0	33100	0.0045	-0.0012	0.0020	8.44E+06	0.433	2718.330	6199	0	37817	0.0045	-0.0012	0.0021	9.54E+06	0.391
2462.060	4200	0	33100	0.0045	-0.0012	0.0020	8.50E+06	0.437	2719.330	6201	0	37848	0.0045	-0.0012	0.0021	9.50E+06	0.391
2463.060	4201	0	33162	0.0045	-0.0012	0.0020	8.48E+06	0.438	2720.330	6199	0	37895	0.0045	-0.0012	0.0021	9.49E+06	0.393
2464.060	4199	0	33193	0.0045	-0.0012	0.0020	8.49E+06	0.439	2721.330	6201	0	37942	0.0045	-0.0012	0.0021	9.51E+06	0.395
2465.060	4200	0	33255	0.0045	-0.0012	0.0020	8.50E+06	0.440	2722.330	6200	0	37973	0.0045	-0.0012	0.0021	9.51E+06	0.397
2466.060	4200	0	33271	0.0045	-0.0012	0.0020	8.48E+06	0.440	2723.330	6200	0	38051	0.0045	-0.0012	0.0021	9.50E+06	0.399
2467.050	4199	0	33318	0.0045	-0.0012	0.0020	8.51E+06	0.443	2724.330	6200	0	38066	0.0045	-0.0012	0.0021	9.50E+06	0.401
2468.050	4199	0	33318	0.0045	-0.0012	0.0020	8.48E+06	0.443	2725.330	6199	0	38113	0.0045	-0.0012	0.0021	9.42E+06	0.401
2469.050	4199	0	33380	0.0045	-0.0012	0.0020	8.42E+06	0.442	2726.330	6200	0	38144	0.0045	-0.0012	0.0021	9.43E+06	0.402
2470.050	4200	0	33411	0.0045	-0.0013	0.0020	8.39E+06	0.443	2727.330	6201	0	38191	0.0045	-0.0012	0.0021	9.45E+06	0.404
2471.050	4200	0	33458	0.0045	-0.0013	0.0020	8.33E+06	0.439	2728.330	6200	0	38253	0.0045	-0.0012	0.0021	9.46E+06	0.406
2472.050	4201	0	33505	0.0045	-0.0013	0.0020	8.25E+06	0.437	2729.330	6199	0	38269	0.0046	-0.0012	0.0021	9.45E+06	0.405
2473.050	4201	0	33551	0.0045	-0.0013	0.0020	8.25E+06	0.437	2730.320	6200	0	38347	0.0046	-0.0012	0.0021	9.44E+06	0.405
2474.050	4200	0	33598	0.0045	-0.0013	0.0020	8.26E+06	0.435	2731.320	6199	0	38362	0.0046	-0.0012	0.0021	9.37E+06	0.404
2475.050	4200	0	33614	0.0045	-0.0013	0.0020	8.20E+06	0.436	2732.320	6199	0	38424	0.0046	-0.0012	0.0021	9.35E+06	0.405
2476.050	4199	0	33614	0.0045	-0.0013	0.0020	8.17E+06	0.435	2733.320	6200	0	38471	0.0046	-0.0012	0.0021	9.39E+06	0.407
2477.050	4200	0	33676	0.0045	-0.0013	0.0020	8.32E+06	0.443	2734.320	6201	0	38611	0.0046	-0.0013	0.0021	9.35E+06	0.407
2478.050	4200	0	33723	0.0045	-0.0013	0.0020	8.26E+06	0.442	2735.320	6200	0	39047	0.0046	-0.0013	0.0021	9.35E+06	0.409
2479.050	4200	0	33754	0.0046	-0.0013	0.0020	8.37E+06	0.449	2736.320	6199	0	39281	0.0047	-0.0013	0.0021	9.34E+06	0.409
2480.050	4199	0	33785	0.0045	-0.0013	0.002											

2492.050	4199	0	34236	0.0046	-0.0013	0.0020	8.42E+06	0.458	2749.320	6199	0	39592	0.0047	-0.0013	0.0021	9.23E+06	0.413
2493.050	4200	0	34236	0.0046	-0.0013	0.0020	8.34E+06	0.456	2750.320	6200	0	39608	0.0047	-0.0013	0.0021	9.16E+06	0.412
2494.050	4202	0	34299	0.0046	-0.0013	0.0020	8.32E+06	0.456	2751.320	6199	0	39623	0.0047	-0.0013	0.0021	9.14E+06	0.412
2495.050	4200	0	34330	0.0046	-0.0013	0.0020	8.38E+06	0.458	2752.320	6199	0	39701	0.0047	-0.0013	0.0021	9.17E+06	0.415
2496.050	4200	0	34392	0.0046	-0.0013	0.0020	8.30E+06	0.457	2753.320	6200	0	39732	0.0047	-0.0013	0.0021	9.12E+06	0.415
2497.050	4200	0	34439	0.0046	-0.0013	0.0020	8.34E+06	0.460	2754.320	6200	0	39732	0.0047	-0.0013	0.0021	9.14E+06	0.413
2498.050	4198	0	34470	0.0046	-0.0013	0.0020	8.33E+06	0.459	2755.320	6201	0	39763	0.0047	-0.0013	0.0021	9.03E+06	0.412
2499.040	4201	0	34548	0.0046	-0.0013	0.0020	8.26E+06	0.460	2756.320	6199	0	39779	0.0047	-0.0013	0.0021	9.05E+06	0.411
2500.040	4202	0	34548	0.0046	-0.0013	0.0020	8.23E+06	0.458	2757.320	6199	0	39826	0.0047	-0.0013	0.0021	8.95E+06	0.408
2501.040	4200	0	34563	0.0046	-0.0013	0.0020	8.24E+06	0.459	2758.320	6200	0	39872	0.0047	-0.0013	0.0021	8.94E+06	0.410
2502.040	4200	0	34626	0.0046	-0.0013	0.0020	8.18E+06	0.457	2759.320	6202	0	39888	0.0047	-0.0013	0.0021	8.93E+06	0.410
2503.040	4201	0	34641	0.0047	-0.0013	0.0020	8.20E+06	0.457	2760.320	6199	0	39950	0.0047	-0.0013	0.0021	8.89E+06	0.406
2504.040	4200	0	34703	0.0046	-0.0013	0.0020	8.26E+06	0.459	2761.320	6199	0	39981	0.0047	-0.0013	0.0021	9.02E+06	0.406
2505.040	4200	0	34735	0.0047	-0.0013	0.0020	8.21E+06	0.457	2762.310	6201	0	40028	0.0048	-0.0013	0.0021	9.07E+06	0.400
2506.040	4199	0	34766	0.0047	-0.0013	0.0020	8.16E+06	0.455	2763.310	6199	0	40044	0.0047	-0.0013	0.0021	9.11E+06	0.396
2507.040	4200	0	34844	0.0047	-0.0013	0.0020	8.17E+06	0.455	2764.310	6201	0	40137	0.0047	-0.0013	0.0021	9.12E+06	0.393
2508.040	4202	0	34859	0.0047	-0.0013	0.0020	8.15E+06	0.454	2765.310	6199	0	40137	0.0048	-0.0013	0.0021	9.17E+06	0.393
2509.040	4199	0	34921	0.0047	-0.0013	0.0020	8.19E+06	0.454	2766.310	6199	0	40153	0.0048	-0.0013	0.0021	9.22E+06	0.393
2510.040	4200	0	34968	0.0047	-0.0013	0.0020	8.19E+06	0.454	2767.310	6199	0	40230	0.0048	-0.0013	0.0021	9.20E+06	0.394
2511.040	4200	0	34968	0.0047	-0.0013	0.0020	8.22E+06	0.452	2768.310	6199	0	40230	0.0048	-0.0013	0.0021	9.22E+06	0.391
2512.040	4202	0	35030	0.0047	-0.0013	0.0020	8.22E+06	0.451	2769.310	6199	0	40293	0.0048	-0.0013	0.0021	9.28E+06	0.391
2513.040	4200	0	35061	0.0047	-0.0013	0.0020	8.26E+06	0.452	2770.310	6202	0	40339	0.0048	-0.0013	0.0021	9.21E+06	0.387
2514.040	4200	0	35077	0.0047	-0.0013	0.0020	8.19E+06	0.450	2771.310	6199	0	40371	0.0048	-0.0013	0.0021	9.24E+06	0.386
2515.040	4200	0	35124	0.0047	-0.0013	0.0020	8.26E+06	0.453	2772.310	6200	0	40417	0.0048	-0.0013	0.0021	9.21E+06	0.384
2516.040	4200	0	35170	0.0047	-0.0013	0.0020	8.27E+06	0.453	2773.310	6200	0	40464	0.0048	-0.0013	0.0021	9.24E+06	0.383
2517.040	4200	0	35202	0.0047	-0.0013	0.0020	8.24E+06	0.452	2774.310	6199	0	40495	0.0048	-0.0013	0.0021	9.28E+06	0.382
2518.040	4199	0	35233	0.0047	-0.0013	0.0020	8.20E+06	0.451	2775.310	6199	0	40542	0.0048	-0.0013	0.0021	9.36E+06	0.384
2519.040	4201	0	35295	0.0047	-0.0013	0.0020	8.21E+06	0.452	2776.310	6199	0	40557	0.0048	-0.0013	0.0021	9.31E+06	0.382
2520.040	4200	0	35326	0.0047	-0.0014	0.0020	8.14E+06	0.451	2777.310	6201	0	40635	0.0048	-0.0013	0.0021	9.32E+06	0.382
2521.040	4200	0	35357	0.0047	-0.0014	0.0020	8.19E+06	0.455	2778.310	6200	0	40651	0.0048	-0.0013	0.0021	9.32E+06	0.382
2522.040	4200	0	35388	0.0047	-0.0014	0.0020	8.20E+06	0.455	2779.310	6200	0	40729	0.0048	-0.0013	0.0021	9.33E+06	0.387
2523.040	4201	0	35435	0.0047	-0.0014	0.0020	8.13E+06	0.452	2780.310	6198	0	40729	0.0048	-0.0013	0.0021	9.33E+06	0.389
2524.040	4201	0	35451	0.0048	-0.0014	0.0020	8.08E+06	0.450	2781.310	6199	0	40791	0.0048	-0.0013	0.0021	9.39E+06	0.390
2525.040	4201	0	35544	0.0048	-0.0014	0.0020	8.11E+06	0.450	2782.310	6199	0	40822	0.0048	-0.0013	0.0021	9.30E+06	0.391
2526.040	4199	0	35529	0.0047	-0.0014	0.0020	8.12E+06	0.453	2783.310	6201	0	40900	0.0048	-0.0014	0.0021	9.28E+06	0.391
2527.040	4200	0	35560	0.0048	-0.0014	0.0020	8.14E+06	0.456	2784.310	6201	0	40915	0.0048	-0.0014	0.0021	9.31E+06	0.393
2528.040	4200	0	35606	0.0048	-0.0014	0.0020	8.20E+06	0.458	2785.310	6200	0	40962	0.0049	-0.0014	0.0021	9.30E+06	0.394
2529.040	4200	0	35669	0.0048	-0.0014	0.0020	8.18E+06	0.459	2786.310	6199	0	41009	0.0048	-0.0014	0.0021	9.30E+06	0.395
2530.030	4201	0	35700	0.0048	-0.0014	0.0020	8.19E+06	0.461	2787.310	6199	0	41056	0.0048	-0.0014	0.0021	9.25E+06	0.394
2531.030	4201	0	35746	0.0048	-0.0014	0.0020	8.23E+06	0.463	2788.310	6201	0	41071	0.0048	-0.0014	0.0021	9.20E+06	0.394
2532.030	4199	0	35793	0.0048	-0.0014	0.0020	8.22E+06	0.464	2789.310	6199	0	41102	0.0049	-0.0014	0.0021	9.21E+06	0.397
2533.030	4200	0	35856	0.0048	-0.0014	0.0020	8.24E+06	0.466	2790.310	6200	0	41180	0.0049	-0.0014	0.0021	9.23E+06	0.399
2534.030	4201	0	35887	0.0048	-0.0014	0.0020	8.26E+06	0.467	2791.310	6199	0	41196	0.0049	-0.0014	0.0021	9.16E+06	0.398
2535.030	4202	0	35887	0.0048	-0.0014	0.0020	8.23E+06	0.465	2792.310	6199	0	41211	0.0049	-0.0014	0.0021	9.15E+06	0.399
2536.030	4201	0	35964	0.0048	-0.0014	0.0020	8.18E+06	0.463	2793.300	6199	0	41289	0.0049	-0.0014	0.0021	9.14E+06	0.401
2537.030	4201	0	35980	0.0048	-0.0014	0.0020	8.19E+06	0.463	2794.300	6200	0	41414	0.0049	-0.0014	0.0021	9.11E+06	0.404
2538.030	4201	0	36042	0.0048	-0.0014	0.0020	8.25E+06	0.469	2795.300	6200	0	41523	0.0049	-0.0014	0.0022	9.10E+06	0.406
2539.030	4201	0	36042	0.0048	-0.0014	0.0020	8.24E+06	0.469	2796.300	6199	0	41678	0.0049	-0.0014	0.0022	9.08E+06	0.408
2540.030	4199	0	36089	0.0048	-0.0014	0.0020	8.32E+06	0.474	2797.300	6199	0	41772	0.0049	-0.0014	0.0022	9.02E+06	0.410
2541.030	4200	0	36136	0.0048	-0.0014	0.0020	8.34E+06	0.477	2798.300	6200	0	41927	0.0049	-0.0014	0.0022	9.03E+06	0.414
2542.030	4201	0	36151	0.0048	-0.0014	0.0020	8.33E+06	0.478	2799.300	6199	0	42021	0.0049	-0.0014	0.0022	9.02E+06	0.415
2543.030	4203	0	36167	0.0048	-0.0014	0.0020	8.40E+06	0.482	2800.300	6200	0	42161	0.0050	-0.0014	0.0021	9.03E+06	0.418
2544.030	4199	0	36260	0.0048	-0.0014	0.0020	8.38E+06	0.483	2801.300	6199	0	42254	0.0050	-0.0014	0.0022	8.96E+06	0.417
2545.030	4199	0	36291	0.0049	-0.0014	0.0020	8.37E+06	0.483	2802.300	6199	0	42348	0.0050	-0.0014	0.0022	8.92E+06	0.418
2546.030	4199	0	36323	0.0048	-0.0014	0.0020	8.41E+06	0.487	2803.300	6199	0	42394	0.0050	-0.0014	0.0022	8.92E+06	0.422
2547.030	4199	0	36369	0.0048	-0.0014	0.0020	8.41E+06	0.488	2804.300	6199	0	42441	0.0050	-0.0014	0.0022	8.91E+06	0.424
2548.030	4200	0	36400	0.0049	-0.0014	0.0020	8.43E+06	0.492	2805.300	6200	0	42426	0.0050	-0.0014	0.0022	8.89E+06	0.425
2549.030	4200	0	36447	0.0049	-0.0014	0.0020	8.47E+06	0.494	2806.300	6200	0	42472	0.0050	-0.0014	0.0022	8.80E+06	0.425
2550.030	4201	0	36494	0.0049	-0.0014	0.0020	8.43E+06	0.496	2807.300	6201	0	42472	0.0050	-0.0014	0.0022	8.83E+06	0.429
2551.030	4201	0	36541	0.0049	-0.0014	0.0020	8.40E+06	0.495	2808.300	6199	0	42488	0.0050	-0.0014	0.0022	8.83E+06	0.432
2552.030	4200	0	36587	0.0049	-0.0014	0.0020	8.43E+06	0.498	2809.300	6199	0	42519	0.0050	-0.0014	0.0022	8.77E+06	0.432
2553.030	4200	0	36634	0.0049	-0.0014	0.0020	8.41E+06	0.501	2810.300	6200	0	42519	0.0050	-0.0014	0.0022	8.75E+06	0.435
2554.030	4200	0	36650	0.0049	-0.0014	0.0020	8.42E+06	0.506	2811.300	6199	0	42550	0.0050	-0.0014	0.0022	8.71E+06	0.434
2555.030	4200	0	36712	0.0049	-0.0014	0.0020	8.46E+06	0.509	2812.300	6200	0	42550	0.0050	-0.0014	0.0022	8.70E+06	0.438
2556.030	4201	0	36758	0.0049	-0.0014	0.002											

2568.020	4200	0	37241	0.0049	-0.0015	0.0020	8.35E+06	0.513	2825.290	6199	0	42893	0.0051	-0.0014	0.0022	8.47E+06	0.439
2569.020	4201	0	37272	0.0050	-0.0015	0.0020	8.26E+06	0.510	2826.290	6201	0	42893	0.0051	-0.0014	0.0022	8.63E+06	0.439
2570.020	4199	0	37319	0.0050	-0.0015	0.0020	8.28E+06	0.512	2827.290	6200	0	42939	0.0051	-0.0014	0.0022	8.62E+06	0.431
2571.020	4200	0	37350	0.0050	-0.0015	0.0020	8.26E+06	0.513	2828.290	6201	0	42986	0.0051	-0.0015	0.0022	8.73E+06	0.429
2572.020	4200	0	37397	0.0050	-0.0015	0.0020	8.24E+06	0.514	2829.290	6201	0	43002	0.0051	-0.0015	0.0022	8.76E+06	0.426
2573.020	4201	0	37444	0.0050	-0.0015	0.0020	8.27E+06	0.516	2830.290	6200	0	43048	0.0051	-0.0015	0.0022	8.73E+06	0.423
2574.020	4200	0	37490	0.0050	-0.0015	0.0020	8.24E+06	0.517	2831.290	6199	0	43048	0.0051	-0.0015	0.0022	8.77E+06	0.423
2575.020	4201	0	37521	0.0050	-0.0015	0.0020	8.16E+06	0.514	2832.290	6198	0	43095	0.0051	-0.0015	0.0022	8.93E+06	0.425
2576.020	4200	0	37584	0.0050	-0.0015	0.0020	8.14E+06	0.512	2833.290	6200	0	43111	0.0051	-0.0015	0.0022	8.90E+06	0.423
2577.020	4200	0	37599	0.0050	-0.0015	0.0020	8.07E+06	0.509	2834.290	6200	0	43142	0.0051	-0.0015	0.0022	8.93E+06	0.422
2578.020	4201	0	37646	0.0050	-0.0015	0.0020	8.04E+06	0.511	2835.290	6202	0	43188	0.0051	-0.0015	0.0022	8.98E+06	0.421
2579.020	4200	0	37677	0.0050	-0.0015	0.0020	8.07E+06	0.512	2836.290	6202	0	43251	0.0051	-0.0015	0.0022	9.07E+06	0.422
2580.020	4201	0	37708	0.0050	-0.0015	0.0020	8.06E+06	0.513	2837.290	6199	0	43297	0.0051	-0.0015	0.0022	9.09E+06	0.419
2581.020	4200	0	37802	0.0050	-0.0015	0.0020	8.06E+06	0.513	2838.290	6199	0	43344	0.0051	-0.0015	0.0022	9.13E+06	0.419
2582.020	4201	0	37802	0.0050	-0.0015	0.0020	8.10E+06	0.515	2839.290	6199	0	43360	0.0051	-0.0015	0.0022	9.14E+06	0.419
2583.020	4198	0	37848	0.0050	-0.0015	0.0020	8.07E+06	0.514	2840.290	6199	0	43391	0.0051	-0.0015	0.0022	9.15E+06	0.417
2584.020	4200	0	37911	0.0050	-0.0015	0.0020	8.03E+06	0.512	2841.290	6200	0	43422	0.0051	-0.0015	0.0022	9.13E+06	0.415
2585.020	4199	0	37911	0.0050	-0.0015	0.0020	7.99E+06	0.511	2842.290	6200	0	43500	0.0051	-0.0015	0.0022	9.03E+06	0.412
2586.020	4200	0	37942	0.0050	-0.0015	0.0020	7.96E+06	0.510	2843.290	6201	0	43515	0.0051	-0.0015	0.0022	9.05E+06	0.410
2587.020	4200	0	38004	0.0050	-0.0015	0.0020	7.89E+06	0.508	2844.290	6201	0	43593	0.0051	-0.0015	0.0022	9.04E+06	0.410
2588.020	4201	0	38051	0.0050	-0.0015	0.0020	7.91E+06	0.507	2845.290	6199	0	43609	0.0051	-0.0015	0.0022	9.03E+06	0.410
2589.020	4199	0	38066	0.0051	-0.0015	0.0020	7.92E+06	0.510	2846.290	6199	0	43640	0.0051	-0.0015	0.0022	9.04E+06	0.411
2590.020	4202	0	38129	0.0051	-0.0015	0.0020	7.85E+06	0.507	2847.290	6199	0	43640	0.0051	-0.0015	0.0022	9.03E+06	0.413
2591.020	4200	0	38129	0.0051	-0.0015	0.0020	7.85E+06	0.507	2848.290	6199	0	43733	0.0051	-0.0015	0.0022	8.94E+06	0.411
2592.010	4201	0	38175	0.0051	-0.0015	0.0020	7.82E+06	0.504	2849.290	6200	0	43765	0.0052	-0.0015	0.0022	8.92E+06	0.414
2593.010	4201	0	38238	0.0051	-0.0015	0.0020	7.79E+06	0.504	2850.290	6202	0	43796	0.0052	-0.0015	0.0022	8.87E+06	0.413
2594.010	4200	0	38269	0.0051	-0.0015	0.0020	7.88E+06	0.508	2851.290	6200	0	43858	0.0052	-0.0015	0.0022	8.85E+06	0.413
2595.010	4200	0	38284	0.0051	-0.0015	0.0020	7.84E+06	0.506	2852.290	6201	0	43905	0.0052	-0.0015	0.0022	8.84E+06	0.411
2596.010	4200	0	38362	0.0051	-0.0015	0.0020	7.80E+06	0.505	2853.290	6201	0	43905	0.0052	-0.0015	0.0022	8.82E+06	0.409
2597.010	4201	0	38362	0.0051	-0.0015	0.0020	7.75E+06	0.503	2854.290	6199	0	43983	0.0052	-0.0015	0.0022	8.83E+06	0.412
2598.010	4201	0	38424	0.0051	-0.0015	0.0020	7.74E+06	0.503	2855.280	6199	0	43998	0.0052	-0.0015	0.0022	8.86E+06	0.414
2599.010	4199	0	38455	0.0051	-0.0015	0.0020	7.67E+06	0.501	2856.280	6200	0	44060	0.0052	-0.0015	0.0022	8.81E+06	0.412
2600.010	4200	0	38487	0.0051	-0.0015	0.0020	7.85E+06	0.506	2857.280	6199	0	44107	0.0052	-0.0015	0.0022	8.81E+06	0.415
2601.010	4202	0	38518	0.0051	-0.0015	0.0020	7.81E+06	0.505	2858.280	6199	0	44138	0.0052	-0.0015	0.0022	8.79E+06	0.413
2602.010	4201	0	38580	0.0051	-0.0015	0.0020	7.77E+06	0.501	2859.280	6199	0	44169	0.0052	-0.0015	0.0022	8.86E+06	0.418
2603.010	4199	0	38596	0.0051	-0.0016	0.0020	7.70E+06	0.495	2860.280	6200	0	44200	0.0052	-0.0015	0.0022	8.81E+06	0.418
2604.010	4200	0	38673	0.0051	-0.0016	0.0020	7.67E+06	0.498	2861.280	6200	0	44309	0.0052	-0.0015	0.0022	8.81E+06	0.418
2605.010	4201	0	38689	0.0051	-0.0016	0.0020	7.65E+06	0.505	2862.280	6199	0	44309	0.0052	-0.0015	0.0022	8.86E+06	0.421
2605.820	4201	0	38751	0.0051	-0.0016	0.0020	7.69E+06	0.505	2863.280	6200	0	44356	0.0052	-0.0015	0.0022	8.85E+06	0.423
									2864.280	6199	0	44403	0.0052	-0.0015	0.0022	8.91E+06	0.426
									2865.280	6199	0	44450	0.0052	-0.0015	0.0022	8.93E+06	0.427
									2866.280	6200	0	44496	0.0052	-0.0015	0.0022	8.91E+06	0.427
									2867.280	6199	0	44512	0.0052	-0.0015	0.0022	8.92E+06	0.428
									2868.280	6199	0	44574	0.0052	-0.0015	0.0022	8.97E+06	0.431
									2869.280	6199	0	44590	0.0052	-0.0015	0.0022	8.94E+06	0.432
									2870.280	6200	0	44636	0.0053	-0.0015	0.0022	8.96E+06	0.432
									2871.280	6200	0	44652	0.0052	-0.0015	0.0022	8.96E+06	0.433
									2872.280	6200	0	44730	0.0053	-0.0015	0.0022	8.94E+06	0.435
									2873.280	6202	0	44792	0.0053	-0.0015	0.0022	8.90E+06	0.434
									2874.280	6199	0	44761	0.0053	-0.0015	0.0022	8.93E+06	0.435
									2875.280	6201	0	44823	0.0053	-0.0015	0.0022	8.88E+06	0.435
									2876.280	6199	0	44870	0.0053	-0.0015	0.0022	8.84E+06	0.435
									2877.280	6199	0	44917	0.0053	-0.0015	0.0022	8.87E+06	0.437
									2878.280	6201	0	44948	0.0053	-0.0015	0.0022	8.82E+06	0.435
									2879.280	6200	0	45057	0.0053	-0.0016	0.0022	8.85E+06	0.438
									2880.280	6199	0	45103	0.0053	-0.0016	0.0022	8.85E+06	0.439
									2881.280	6200	0	45150	0.0053	-0.0016	0.0022	8.81E+06	0.437
									2882.280	6200	0	45228	0.0053	-0.0016	0.0022	8.83E+06	0.439
									2883.280	6199	0	45244	0.0053	-0.0016	0.0022	8.84E+06	0.442
									2884.280	6201	0	45321	0.0053	-0.0016	0.0022	8.81E+06	0.444
									2885.280	6199	0	45415	0.0053	-0.0016	0.0022	8.81E+06	0.446
									2886.280	6199	0	45446	0.0053	-0.0016	0.0022	8.80E+06	0.448
									2887.270	6201	0	45493	0.0053	-0.0016	0.0022	8.79E+06	0.449
									2888.270	6200	0	45539	0.0054	-0.0016	0.0022	8.80E+06	0.450
									2889.270	6201	0	45617	0.0053	-0.0016	0.0022	8.82E+06	0.454
									2890.270	6200	0	45648	0.0054	-0.0016	0.0022	8.80E+06	0.455
									2891.270	6199	0	45695	0.0054	-0.0016	0.0022	8.77E+06	0.455
									2892.270	6200	0	45757	0.0054	-0.0016	0.0022	8.81E+06	0.457
									2893.270	6199	0	45789	0.0054	-0.0016	0.0022	8.75E+06	0.457
									2894.270	6199	0	45851	0.0054	-0.0016	0.0022	8.75E+06	0.457
									2895.270	6200	0	45913	0.0054	-0.0016	0.0022	8.76E+06	0.459
									2896.270	6199	0	45960	0.0054	-0.0016	0.0022	8.67E+06	0.458
									2897.270	6199	0	45991	0.0054	-0.0016	0.0022	8.68E+06	0.461
									2898.270	6202	0	46038	0.0054	-0.0016	0.0022	8.65E+06	0.462
									2899.270	6200	0	46100	0.0054	-0.0016	0.0022	8.62E+06	0.461
									2900.270	6200	0	46					

2901.270	6199	0	46147	0.0054	-0.0016	0.0022	8.53E+06	0.463
2902.270	6199	0	46224	0.0054	-0.0016	0.0022	8.46E+06	0.463
2903.270	6199	0	46256	0.0054	-0.0016	0.0022	8.49E+06	0.465
2904.270	6199	0	46287	0.0054	-0.0016	0.0022	8.37E+06	0.460
2905.270	6199	0	46333	0.0055	-0.0016	0.0022	8.36E+06	0.461
2906.270	6199	0	46396	0.0054	-0.0016	0.0022	8.35E+06	0.463
2907.270	6200	0	46427	0.0054	-0.0016	0.0022	8.34E+06	0.463
2908.270	6200	0	46458	0.0055	-0.0016	0.0022	8.33E+06	0.464
2909.270	6201	0	46474	0.0055	-0.0016	0.0022	8.27E+06	0.461
2910.270	6200	0	46536	0.0055	-0.0016	0.0022	8.30E+06	0.460
2911.270	6199	0	46583	0.0055	-0.0016	0.0022	8.24E+06	0.457
2912.270	6199	0	46598	0.0055	-0.0016	0.0022	8.19E+06	0.456
2913.270	6199	0	46660	0.0055	-0.0016	0.0022	8.22E+06	0.457
2914.270	6201	0	46676	0.0055	-0.0016	0.0022	8.16E+06	0.456
2915.270	6201	0	46738	0.0055	-0.0016	0.0022	8.21E+06	0.458
2916.270	6200	0	46769	0.0055	-0.0016	0.0022	8.24E+06	0.460
2917.270	6200	0	46801	0.0055	-0.0016	0.0022	8.26E+06	0.461
2918.260	6200	0	46816	0.0055	-0.0016	0.0022	8.27E+06	0.460
2919.260	6199	0	46863	0.0055	-0.0016	0.0022	8.26E+06	0.460
2920.260	6200	0	46894	0.0055	-0.0016	0.0022	8.28E+06	0.462
2921.260	6199	0	46941	0.0055	-0.0017	0.0022	8.36E+06	0.463
2922.260	6200	0	46987	0.0055	-0.0017	0.0022	8.38E+06	0.464
2923.260	6199	0	47018	0.0055	-0.0017	0.0022	8.29E+06	0.462
2924.260	6199	0	47065	0.0055	-0.0017	0.0022	8.30E+06	0.462
2925.260	6199	0	47096	0.0055	-0.0017	0.0022	8.28E+06	0.461
2926.260	6200	0	47174	0.0055	-0.0017	0.0022	8.28E+06	0.462
2927.260	6199	0	47159	0.0055	-0.0017	0.0022	8.32E+06	0.461
2928.260	6200	0	47252	0.0056	-0.0017	0.0022	8.32E+06	0.462
2929.260	6200	0	47252	0.0056	-0.0017	0.0022	8.31E+06	0.460
2930.260	6200	0	47299	0.0056	-0.0017	0.0022	8.34E+06	0.462
2931.260	6199	0	47330	0.0055	-0.0017	0.0022	8.37E+06	0.464
2932.260	6201	0	47377	0.0056	-0.0017	0.0022	8.42E+06	0.463
2933.260	6199	0	47423	0.0056	-0.0017	0.0022	8.46E+06	0.466
2934.260	6199	0	47470	0.0056	-0.0017	0.0022	8.47E+06	0.466
2935.260	6199	0	47501	0.0056	-0.0017	0.0022	8.46E+06	0.468
2936.260	6199	0	47517	0.0056	-0.0017	0.0022	8.51E+06	0.469
2937.260	6200	0	47563	0.0056	-0.0017	0.0022	8.55E+06	0.471
2938.260	6199	0	47626	0.0056	-0.0017	0.0022	8.50E+06	0.467
2939.260	6199	0	47626	0.0056	-0.0017	0.0022	8.52E+06	0.467
2940.260	6201	0	47657	0.0056	-0.0017	0.0022	8.54E+06	0.468
2941.260	6199	0	47704	0.0056	-0.0017	0.0022	8.47E+06	0.466
2942.260	6199	0	47750	0.0056	-0.0017	0.0022	8.49E+06	0.465
2943.260	6199	0	47781	0.0056	-0.0017	0.0022	8.60E+06	0.471
2944.260	6202	0	47828	0.0056	-0.0017	0.0022	8.57E+06	0.472
2945.260	6199	0	47875	0.0056	-0.0017	0.0022	8.51E+06	0.468
2946.260	6199	0	47921	0.0056	-0.0017	0.0022	8.49E+06	0.467
2947.260	6199	0	47937	0.0056	-0.0017	0.0022	8.39E+06	0.463
2948.260	6199	0	47968	0.0057	-0.0017	0.0022	8.41E+06	0.464
2949.250	6198	0	48015	0.0056	-0.0017	0.0022	8.44E+06	0.465
2950.250	6201	0	48046	0.0056	-0.0017	0.0022	8.45E+06	0.464
2951.250	6199	0	48093	0.0057	-0.0017	0.0022	8.46E+06	0.465
2952.250	6199	0	48155	0.0057	-0.0017	0.0022	8.46E+06	0.465
2953.250	6200	0	48202	0.0057	-0.0017	0.0022	8.42E+06	0.463
2954.250	6199	0	48217	0.0057	-0.0017	0.0022	8.44E+06	0.464
2955.250	6200	0	48233	0.0057	-0.0017	0.0022	8.45E+06	0.464
2956.250	6200	0	48295	0.0057	-0.0017	0.0022	8.41E+06	0.463
2957.250	6200	0	48357	0.0057	-0.0017	0.0022	8.47E+06	0.466
2958.250	6202	0	48357	0.0057	-0.0017	0.0022	8.51E+06	0.469
2959.250	6200	0	48420	0.0057	-0.0017	0.0022	8.47E+06	0.470
2960.250	6201	0	48451	0.0057	-0.0017	0.0022	8.52E+06	0.471
2961.250	6201	0	48498	0.0057	-0.0017	0.0022	8.51E+06	0.470
2962.250	6200	0	48544	0.0057	-0.0017	0.0022	8.45E+06	0.468
2963.250	6199	0	48607	0.0057	-0.0017	0.0022	8.46E+06	0.470
2964.250	6200	0	48622	0.0057	-0.0017	0.0022	8.42E+06	0.470
2965.250	6199	0	48669	0.0057	-0.0017	0.0022	8.35E+06	0.470
2966.250	6199	0	48700	0.0057	-0.0017	0.0022	8.34E+06	0.470
2967.250	6201	0	48762	0.0057	-0.0017	0.0022	8.37E+06	0.472
2968.250	6199	0	48824	0.0057	-0.0018	0.0022	8.40E+06	0.475
2969.250	6199	0	48887	0.0057	-0.0018	0.0022	8.42E+06	0.477
2970.250	6199	0	48949	0.0058	-0.0018	0.0022	8.36E+06	0.476
2971.250	6199	0	49042	0.0058	-0.0018	0.0022	8.33E+06	0.477
2972.250	6199	0	49105	0.0058	-0.0018	0.0022	8.40E+06	0.480
2973.250	6200	0	49167	0.0058	-0.0018	0.0022	8.38E+06	0.480
2974.250	6201	0	49214	0.0058	-0.0018	0.0022	8.34E+06	0.482
2975.250	6201	0	49307	0.0058	-0.0018	0.0022	8.34E+06	0.483
2976.250	6200	0	49338	0.0058	-0.0018	0.0022	8.30E+06	0.483



2977.250	6200	0	49385	0.0058	-0.0018	0.0022	8.28E+06	0.486
2978.250	6200	0	49447	0.0058	-0.0018	0.0022	8.31E+06	0.489
2979.250	6200	0	49494	0.0058	-0.0018	0.0022	8.28E+06	0.489
2980.240	6202	0	49572	0.0058	-0.0018	0.0022	8.23E+06	0.489
2981.240	6199	0	49603	0.0058	-0.0018	0.0022	8.20E+06	0.491
2982.240	6200	0	49665	0.0058	-0.0018	0.0022	8.21E+06	0.496
2983.240	6200	0	49696	0.0058	-0.0018	0.0022	8.22E+06	0.497
2984.240	6202	0	49759	0.0059	-0.0018	0.0022	8.18E+06	0.499
2985.240	6200	0	49821	0.0058	-0.0018	0.0022	8.16E+06	0.501
2986.240	6199	0	49836	0.0059	-0.0018	0.0022	8.08E+06	0.500
2987.240	6201	0	49883	0.0059	-0.0018	0.0022	8.09E+06	0.505
2988.240	6199	0	49930	0.0059	-0.0018	0.0022	8.10E+06	0.506
2989.240	6201	0	49945	0.0059	-0.0018	0.0022	8.04E+06	0.507
2990.240	6200	0	49977	0.0059	-0.0018	0.0022	7.98E+06	0.507
2991.240	6200	0	50054	0.0059	-0.0018	0.0022	7.97E+06	0.509
2992.240	6199	0	50101	0.0059	-0.0018	0.0022	7.86E+06	0.508
2993.240	6199	0	50163	0.0059	-0.0018	0.0022	7.84E+06	0.508
2994.240	6200	0	50179	0.0059	-0.0018	0.0022	7.84E+06	0.513
2995.240	6199	0	50210	0.0059	-0.0018	0.0022	7.77E+06	0.516
2996.240	6199	0	50257	0.0059	-0.0018	0.0022	7.73E+06	0.517
2997.240	6200	0	50288	0.0059	-0.0018	0.0022	7.67E+06	0.515
2998.240	6200	0	50335	0.0059	-0.0018	0.0022	7.59E+06	0.514
2999.240	6199	0	50350	0.0059	-0.0018	0.0022	7.56E+06	0.515
3000.240	6200	0	50428	0.0059	-0.0018	0.0022	7.59E+06	0.521
3001.240	6199	0	50428	0.0059	-0.0019	0.0022	7.53E+06	0.522
3002.240	6200	0	50475	0.0059	-0.0019	0.0022	7.52E+06	0.524
3003.240	6200	0	50522	0.0059	-0.0019	0.0022	7.48E+06	0.524
3004.240	6200	0	50584	0.0059	-0.0019	0.0022	7.43E+06	0.522
3005.240	6201	0	50584	0.0060	-0.0019	0.0022	7.44E+06	0.524
3006.240	6199	0	50599	0.0060	-0.0019	0.0022	7.51E+06	0.528
3007.240	6199	0	50615	0.0060	-0.0019	0.0022	7.43E+06	0.526
3008.240	6199	0	50708	0.0060	-0.0019	0.0022	7.45E+06	0.526
3009.240	6200	0	50708	0.0060	-0.0019	0.0022	7.48E+06	0.528
3010.240	6200	0	50755	0.0060	-0.0019	0.0022	7.43E+06	0.528
3011.240	6199	0	50786	0.0060	-0.0019	0.0022	7.57E+06	0.536
3012.230	6200	0	50786	0.0060	-0.0019	0.0022	7.55E+06	0.534
3013.230	6199	0	50833	0.0060	-0.0019	0.0022	7.56E+06	0.535
3014.230	6199	0	50864	0.0060	-0.0019	0.0022	7.60E+06	0.536
3015.230	6199	0	50911	0.0060	-0.0019	0.0022	7.60E+06	0.539
3016.230	6200	0	50957	0.0060	-0.0019	0.0022	7.53E+06	0.536
3017.230	6199	0	50973	0.0060	-0.0019	0.0022	7.56E+06	0.539
3018.230	6200	0	51004	0.0060	-0.0019	0.0022	7.64E+06	0.542
3019.230	6200	0	51066	0.0060	-0.0019	0.0022	7.74E+06	0.549
3020.230	6200	0	51051	0.0060	-0.0019	0.0022	7.82E+06	0.552
3021.230	6200	0	51098	0.0060	-0.0019	0.0022	7.83E+06	0.553
3022.230	6199	0	51144	0.0060	-0.0019	0.0022	7.82E+06	0.556
3023.230	6201	0	51160	0.0060	-0.0019	0.0022	7.88E+06	0.559
3024.230	6201	0	51222	0.0060	-0.0019	0.0022	7.93E+06	0.561
3025.230	6199	0	51222	0.0060	-0.0019	0.0022	7.96E+06	0.564
3026.230	6200	0	51253	0.0061	-0.0019	0.0022	7.98E+06	0.563
3027.230	6199	0	51300	0.0060	-0.0019	0.0022	8.02E+06	0.564
3028.230	6199	0	51331	0.0060	-0.0019	0.0022	8.01E+06	0.564
3029.230	6199	0	51393	0.0061	-0.0019	0.0022	8.09E+06	0.567
3030.230	6199	0	51425	0.0061	-0.0019	0.0022	8.04E+06	0.562
3031.230	6199	0	51471	0.0061	-0.0019	0.0022	8.07E+06	0.560
3032.230	6201	0	51471	0.0061	-0.0019	0.0022	8.03E+06	0.558
3033.230	6200	0	51549	0.0061	-0.0019	0.0022	8.06E+06	0.560
3034.230	6199	0	51565	0.0061	-0.0019	0.0022	7.98E+06	0.553
3035.230	6200	0	51565	0.0061	-0.0019	0.0022	7.98E+06	0.554
3036.230	6198	0	51627	0.0061	-0.0019	0.0022	7.99E+06	0.554
3037.230	6200	0	51627	0.0061	-0.0019	0.0022	7.95E+06	0.552
3038.230	6200	0	51689	0.0061	-0.0019	0.0022	8.00E+06	0.557
3039.230	6199	0	51736	0.0061	-0.0019	0.0022	7.94E+06	0.551
3040.230	6199	0	51751	0.0061	-0.0019	0.0022	7.85E+06	0.547
3041.230	6200	0	51798	0.0061	-0.0019	0.0022	7.82E+06	0.543
3042.230	6199	0	51829	0.0061	-0.0020	0.0022	7.81E+06	0.544
3043.220	6201	0	51860	0.0061	-0.0020	0.0022	7.81E+06	0.543
3044.220	6200	0	51876	0.0061	-0.0020	0.0022	7.83E+06	0.544
3045.220	6200	0	51954	0.0061	-0.0020	0.0022	7.81E+06	0.541
3046.220	6199	0	51954	0.0061	-0.0020	0.0022	7.74E+06	0.538
3047.220	6201	0	52001	0.0061	-0.0020	0.0022	7.74E+06	0.537
3048.220	6201	0	52032	0.0061	-0.0020	0.0022	7.74E+06	0.538
3049.220	6202	0	52063	0.0061	-0.0020	0.0022	7.76E+06	0.539
3050.220	6200	0	52078	0.0061	-0.0020	0.0022	7.75E+06	0.538
3051.220	6199	0	52141	0.0061	-0.0020	0.0022	7.79E+06	0.543
3052.220	6199	0	52172	0.0061	-0.0020	0.0022	7.76E+06	0.544

3053.220	6200	0	52187	0.0062	-0.0020	0.0022	7.78E+06	0.548
3054.220	6199	0	52234	0.0062	-0.0020	0.0022	7.73E+06	0.546
3055.220	6199	0	52281	0.0062	-0.0020	0.0022	7.72E+06	0.547
3056.220	6200	0	52328	0.0062	-0.0020	0.0022	7.73E+06	0.550
3057.220	6199	0	52343	0.0062	-0.0020	0.0022	7.75E+06	0.551
3058.220	6199	0	52405	0.0062	-0.0020	0.0022	7.63E+06	0.545
3059.220	6199	0	52421	0.0062	-0.0020	0.0022	7.66E+06	0.546
3060.220	6199	0	52468	0.0062	-0.0020	0.0022	7.66E+06	0.545
3061.220	6200	0	52514	0.0062	-0.0020	0.0022	7.68E+06	0.547
3062.220	6200	0	52530	0.0062	-0.0020	0.0022	7.74E+06	0.551
3063.220	6199	0	52577	0.0062	-0.0020	0.0022	7.76E+06	0.552
3064.220	6199	0	52639	0.0062	-0.0020	0.0022	7.74E+06	0.551
3065.220	6202	0	52639	0.0062	-0.0020	0.0022	7.74E+06	0.550
3066.220	6200	0	52717	0.0062	-0.0020	0.0022	7.79E+06	0.553
3067.220	6199	0	52701	0.0062	-0.0020	0.0022	7.79E+06	0.552
3068.220	6200	0	52748	0.0062	-0.0020	0.0022	7.82E+06	0.553
3069.220	6200	0	52795	0.0062	-0.0020	0.0022	7.82E+06	0.554
3070.220	6199	0	52841	0.0062	-0.0020	0.0022	7.77E+06	0.550
3071.220	6199	0	52872	0.0062	-0.0020	0.0022	7.81E+06	0.552
3072.220	6199	0	52904	0.0063	-0.0020	0.0022	7.83E+06	0.553
3073.220	6199	0	52919	0.0063	-0.0020	0.0022	7.85E+06	0.557
3074.210	6200	0	52966	0.0062	-0.0020	0.0022	7.79E+06	0.556
3075.210	6200	0	53013	0.0063	-0.0020	0.0022	7.76E+06	0.555
3076.210	6200	0	53075	0.0063	-0.0020	0.0022	7.73E+06	0.553
3077.210	6199	0	53090	0.0063	-0.0020	0.0022	7.75E+06	0.555
3078.210	6199	0	53106	0.0063	-0.0020	0.0022	7.75E+06	0.555
3079.210	6199	0	53137	0.0063	-0.0020	0.0022	7.72E+06	0.554
3080.210	6200	0	53168	0.0063	-0.0020	0.0022	7.73E+06	0.556
3081.210	6199	0	53199	0.0063	-0.0020	0.0022	7.73E+06	0.554
3082.210	6200	0	53262	0.0063	-0.0021	0.0022	7.69E+06	0.551
3083.210	6200	0	53308	0.0063	-0.0021	0.0022	7.66E+06	0.549
3084.210	6199	0	53355	0.0063	-0.0021	0.0022	7.67E+06	0.550
3085.210	6199	0	53386	0.0063	-0.0021	0.0022	7.65E+06	0.549
3086.210	6199	0	53417	0.0063	-0.0021	0.0022	7.63E+06	0.551
3087.210	6199	0	53417	0.0063	-0.0021	0.0022	7.64E+06	0.551
3088.210	6200	0	53511	0.0063	-0.0021	0.0022	7.64E+06	0.551
3089.210	6200	0	53526	0.0063	-0.0021	0.0022	7.68E+06	0.557
3090.210	6203	0	53589	0.0063	-0.0021	0.0022	7.65E+06	0.555
3091.210	6201	0	53635	0.0063	-0.0021	0.0022	7.62E+06	0.555
3092.210	6200	0	53666	0.0063	-0.0021	0.0022	7.63E+06	0.555
3093.210	6199	0	53729	0.0063	-0.0021	0.0022	7.61E+06	0.557
3094.210	6200	0	53775	0.0064	-0.0021	0.0022	7.61E+06	0.559
3095.210	6199	0	53838	0.0064	-0.0021	0.0022	7.68E+06	0.565
3096.210	6199	0	53869	0.0064	-0.0021	0.0022	7.66E+06	0.564
3097.210	6199	0	53916	0.0064	-0.0021	0.0022	7.64E+06	0.564
3098.210	6202	0	53947	0.0064	-0.0021	0.0022	7.61E+06	0.564
3099.210	6201	0	53978	0.0064	-0.0021	0.0022	7.62E+06	0.568
3100.210	6200	0	54009	0.0064	-0.0021	0.0022	7.61E+06	0.571
3101.210	6199	0	54071	0.0064	-0.0021	0.0022	7.60E+06	0.573
3102.210	6199	0	54087	0.0064	-0.0021	0.0022	7.61E+06	0.575
3103.210	6199	0	54118	0.0064	-0.0021	0.0022	7.64E+06	0.578
3104.210	6200	0	54180	0.0064	-0.0021	0.0022	7.67E+06	0.583
3105.210	6200	0	54243	0.0064	-0.0021	0.0022	7.69E+06	0.587
3106.200	6202	0	54289	0.0064	-0.0021	0.0022	7.64E+06	0.588
3107.200	6201	0	54274	0.0064	-0.0021	0.0022	7.59E+06	0.588
3108.200	6201	0	54351	0.0064	-0.0021	0.0022	7.57E+06	0.592
3109.200	6200	0	54367	0.0064	-0.0021	0.0022	7.55E+06	0.592
3110.200	6199	0	54414	0.0064	-0.0021	0.0022	7.57E+06	0.596
3111.200	6200	0	54460	0.0064	-0.0021	0.0022	7.53E+06	0.595
3112.200	6200	0	54538	0.0064	-0.0021	0.0022	7.54E+06	0.597
3113.200	6201	0	54554	0.0065	-0.0021	0.0022	7.52E+06	0.601
3114.200	6199	0	54601	0.0065	-0.0021	0.0022	7.57E+06	0.607
3115.200	6201	0	54616	0.0065	-0.0022	0.0022	7.53E+06	0.606
3116.200	6199	0	54632	0.0065	-0.0022	0.0022	7.55E+06	0.610
3117.200	6200	0	54678	0.0065	-0.0022	0.0022	7.56E+06	0.614
3118.200	6201	0	54725	0.0065	-0.0022	0.0022	7.58E+06	0.618
3119.200	6201	0	54725	0.0065	-0.0022	0.0022	7.60E+06	0.619
3120.200	6199	0	54787	0.0065	-0.0022	0.0022	7.62E+06	0.621
3121.200	6199	0	54819	0.0065	-0.0022	0.0022	7.54E+06	0.616
3122.200	6199	0	54865	0.0065	-0.0022	0.0022	7.57E+06	0.619
3123.200	6200	0	54881	0.0065	-0.0022	0.0021	7.56E+06	0.619
3124.200	6200	0	54943	0.0065	-0.0022	0.0021	7.50E+06	0.619
3125.200	6199	0	54943	0.0065	-0.0022	0.0022	7.43E+06	0.617
3126.200	6199	0	54990	0.0065	-0.0022	0.0022	7.45E+06	0.619
3127.200	6199	0	55037	0.0065	-0.0022	0.0022	7.45E+06	0.621
3128.200	6200	0	55068	0.0065	-0.0022	0.0021	7.46E+06	0.625

3129.200	6199	0	55114	0.0065	-0.0022	0.0021	7.42E+06	0.623
3130.200	6200	0	55177	0.0065	-0.0022	0.0021	7.34E+06	0.615
3131.200	6199	0	55177	0.0066	-0.0022	0.0022	7.34E+06	0.618
3132.200	6200	0	55208	0.0066	-0.0022	0.0022	7.42E+06	0.621
3133.200	6199	0	55239	0.0066	-0.0022	0.0021	7.39E+06	0.622
3134.200	6200	0	55301	0.0065	-0.0022	0.0021	7.36E+06	0.618
3135.200	6200	0	55332	0.0066	-0.0022	0.0021	7.31E+06	0.615
3136.200	6200	0	55363	0.0066	-0.0022	0.0021	7.32E+06	0.615
3137.190	6199	0	55395	0.0066	-0.0022	0.0021	7.31E+06	0.615
3138.190	6199	0	55410	0.0066	-0.0022	0.0021	7.34E+06	0.614
3139.190	6200	0	55441	0.0066	-0.0022	0.0021	7.34E+06	0.612
3140.190	6199	0	55504	0.0066	-0.0022	0.0021	7.35E+06	0.613
3141.190	6199	0	55519	0.0066	-0.0022	0.0021	7.36E+06	0.613
3142.190	6200	0	55550	0.0066	-0.0022	0.0021	7.37E+06	0.612
3143.190	6199	0	55613	0.0066	-0.0022	0.0021	7.37E+06	0.611
3144.190	6199	0	55644	0.0066	-0.0022	0.0021	7.40E+06	0.612
3145.190	6201	0	55675	0.0066	-0.0022	0.0021	7.39E+06	0.613
3146.190	6201	0	55690	0.0066	-0.0022	0.0021	7.39E+06	0.613
3147.190	6201	0	55753	0.0066	-0.0022	0.0021	7.40E+06	0.613
3148.190	6201	0	55768	0.0066	-0.0022	0.0021	7.37E+06	0.608
3149.190	6199	0	55815	0.0066	-0.0023	0.0021	7.38E+06	0.611
3150.190	6200	0	55846	0.0066	-0.0023	0.0021	7.46E+06	0.616
3151.190	6200	0	55862	0.0066	-0.0023	0.0021	7.44E+06	0.617
3152.190	6200	0	55877	0.0066	-0.0023	0.0021	7.43E+06	0.618
3153.190	6199	0	55955	0.0066	-0.0023	0.0021	7.41E+06	0.617
3154.190	6201	0	55986	0.0066	-0.0023	0.0021	7.43E+06	0.617
3155.190	6199	0	56049	0.0067	-0.0023	0.0021	7.41E+06	0.619
3156.190	6199	0	56064	0.0067	-0.0023	0.0021	7.55E+06	0.629
3157.190	6201	0	56126	0.0067	-0.0023	0.0021	7.52E+06	0.628
3158.190	6200	0	56126	0.0067	-0.0023	0.0021	7.48E+06	0.625
3159.190	6198	0	56173	0.0067	-0.0023	0.0021	7.44E+06	0.623
3160.190	6200	0	56251	0.0067	-0.0023	0.0021	7.43E+06	0.624
3161.190	6198	0	56266	0.0067	-0.0023	0.0021	7.44E+06	0.626
3162.190	6199	0	56282	0.0067	-0.0023	0.0021	7.47E+06	0.627
3163.190	6200	0	56329	0.0067	-0.0023	0.0021	7.46E+06	0.627
3164.190	6201	0	56407	0.0067	-0.0023	0.0021	7.46E+06	0.628
3165.190	6199	0	56407	0.0067	-0.0023	0.0021	7.49E+06	0.631
3166.190	6199	0	56469	0.0067	-0.0023	0.0021	7.49E+06	0.633
3167.190	6199	0	56516	0.0067	-0.0023	0.0021	7.48E+06	0.637
3168.180	6199	0	56531	0.0067	-0.0023	0.0021	7.52E+06	0.641
3169.180	6200	0	56578	0.0067	-0.0023	0.0021	7.51E+06	0.642
3170.180	6203	0	56609	0.0067	-0.0023	0.0021	7.44E+06	0.638
3171.180	6200	0	56656	0.0067	-0.0023	0.0021	7.47E+06	0.642
3172.180	6200	0	56671	0.0067	-0.0023	0.0021	7.44E+06	0.643
3173.180	6200	0	56734	0.0068	-0.0023	0.0021	7.47E+06	0.645
3174.180	6200	0	56780	0.0068	-0.0023	0.0021	7.48E+06	0.648
3175.180	6199	0	56811	0.0068	-0.0023	0.0021	7.45E+06	0.649
3176.180	6201	0	56843	0.0068	-0.0023	0.0021	7.44E+06	0.650
3177.180	6200	0	56889	0.0068	-0.0023	0.0021	7.46E+06	0.656
3178.180	6200	0	56920	0.0068	-0.0023	0.0021	7.48E+06	0.662
3179.180	6200	0	56983	0.0068	-0.0023	0.0021	7.48E+06	0.665
3180.180	6199	0	56983	0.0068	-0.0024	0.0021	7.51E+06	0.668
3181.180	6200	0	57014	0.0068	-0.0024	0.0021	7.44E+06	0.666
3182.180	6199	0	57045	0.0068	-0.0024	0.0021	7.42E+06	0.668
3183.180	6199	0	57107	0.0068	-0.0024	0.0021	7.45E+06	0.672
3184.180	6200	0	57170	0.0068	-0.0024	0.0021	7.42E+06	0.676
3185.180	6199	0	57201	0.0068	-0.0024	0.0021	7.39E+06	0.675
3186.180	6198	0	57232	0.0068	-0.0024	0.0021	7.41E+06	0.678
3187.180	6199	0	57263	0.0068	-0.0024	0.0021	7.39E+06	0.680
3188.180	6200	0	57294	0.0068	-0.0024	0.0021	7.38E+06	0.684
3189.180	6199	0	57356	0.0068	-0.0024	0.0021	7.38E+06	0.684
3190.180	6200	0	57419	0.0068	-0.0024	0.0021	7.32E+06	0.680
3191.180	6200	0	57419	0.0068	-0.0024	0.0021	7.28E+06	0.680
3192.180	6200	0	57465	0.0069	-0.0024	0.0021	7.29E+06	0.683
3193.180	6200	0	57496	0.0068	-0.0024	0.0021	7.29E+06	0.682
3194.180	6199	0	57528	0.0068	-0.0024	0.0021	7.26E+06	0.681
3195.180	6201	0	57559	0.0069	-0.0024	0.0021	7.28E+06	0.682
3196.180	6200	0	57590	0.0069	-0.0024	0.0020	7.22E+06	0.681
3197.180	6201	0	57637	0.0069	-0.0024	0.0020	7.21E+06	0.679
3198.180	6199	0	57683	0.0069	-0.0024	0.0021	7.26E+06	0.684
3199.170	6198	0	57683	0.0069	-0.0024	0.0020	7.19E+06	0.680
3200.170	6200	0	57746	0.0069	-0.0024	0.0020	7.18E+06	0.680
3201.170	6199	0	57792	0.0069	-0.0024	0.0020	7.21E+06	0.683
3202.170	6199	0	57808	0.0069	-0.0024	0.0020	7.17E+06	0.682
3203.170	6199	0	57839	0.0069	-0.0024	0.0020	7.24E+06	0.689
3204.170	6200	0	57886	0.0069	-0.0024	0.0020	7.21E+06	0.687

3205.170	6199	0	57917	0.0069	-0.0024	0.0020	7.22E+06	0.686
3206.170	6200	0	57948	0.0069	-0.0024	0.0020	7.17E+06	0.685
3207.170	6199	0	57995	0.0069	-0.0024	0.0020	7.25E+06	0.691
3208.170	6201	0	58041	0.0069	-0.0024	0.0020	7.21E+06	0.692
3209.170	6201	0	58041	0.0069	-0.0025	0.0020	7.21E+06	0.694
3210.170	6199	0	58119	0.0069	-0.0025	0.0020	7.17E+06	0.689
3211.170	6199	0	58135	0.0069	-0.0025	0.0020	7.15E+06	0.689
3212.170	6199	0	58150	0.0069	-0.0025	0.0020	7.13E+06	0.687
3213.170	6201	0	58166	0.0069	-0.0025	0.0020	7.14E+06	0.687
3214.170	6201	0	58259	0.0069	-0.0025	0.0020	7.11E+06	0.688
3215.170	6200	0	58275	0.0070	-0.0025	0.0020	7.12E+06	0.689
3216.170	6201	0	58290	0.0070	-0.0025	0.0020	7.18E+06	0.693
3217.170	6200	0	58322	0.0070	-0.0025	0.0020	7.18E+06	0.695
3218.170	6200	0	58368	0.0070	-0.0025	0.0020	7.11E+06	0.691
3219.170	6200	0	58431	0.0070	-0.0025	0.0020	7.15E+06	0.693
3220.170	6199	0	58477	0.0070	-0.0025	0.0020	7.15E+06	0.693
3221.170	6200	0	58493	0.0070	-0.0025	0.0020	7.10E+06	0.690
3222.170	6200	0	58571	0.0070	-0.0025	0.0020	7.11E+06	0.694
3223.170	6201	0	58540	0.0070	-0.0025	0.0020	7.11E+06	0.697
3224.170	6199	0	58571	0.0070	-0.0025	0.0020	7.09E+06	0.694
3225.170	6199	0	58633	0.0070	-0.0025	0.0020	7.09E+06	0.695
3226.170	6200	0	58695	0.0070	-0.0025	0.0020	7.06E+06	0.696
3227.170	6199	0	58711	0.0070	-0.0025	0.0020	7.07E+06	0.699
3228.170	6199	0	58758	0.0070	-0.0025	0.0020	7.05E+06	0.698
3229.170	6199	0	58804	0.0070	-0.0025	0.0020	7.03E+06	0.699
3230.170	6200	0	58851	0.0070	-0.0025	0.0020	7.03E+06	0.702
3231.160	6200	0	58898	0.0070	-0.0025	0.0020	7.04E+06	0.705
3232.160	6201	0	58929	0.0070	-0.0025	0.0020	6.96E+06	0.704
3233.160	6199	0	58944	0.0071	-0.0025	0.0020	6.97E+06	0.704
3234.160	6199	0	58975	0.0071	-0.0025	0.0020	6.97E+06	0.705
3235.160	6199	0	59038	0.0071	-0.0025	0.0020	6.93E+06	0.705
3236.160	6199	0	59100	0.0071	-0.0025	0.0020	6.86E+06	0.701
3237.160	6199	0	59116	0.0071	-0.0026	0.0020	6.88E+06	0.705
3238.160	6200	0	59162	0.0071	-0.0026	0.0020	6.87E+06	0.708
3239.160	6200	0	59162	0.0071	-0.0026	0.0020	6.90E+06	0.715
3240.160	6199	0	59209	0.0071	-0.0026	0.0020	6.94E+06	0.720
3241.160	6199	0	59287	0.0071	-0.0026	0.0020	6.89E+06	0.718
3242.160	6201	0	59287	0.0071	-0.0026	0.0019	6.83E+06	0.717
3243.160	6200	0	59334	0.0071	-0.0026	0.0020	6.81E+06	0.719
3244.160	6201	0	59396	0.0071	-0.0026	0.0020	6.76E+06	0.717
3245.160	6199	0	59411	0.0071	-0.0026	0.0020	6.83E+06	0.724
3246.160	6202	0	59411	0.0071	-0.0026	0.0019	6.82E+06	0.723
3247.160	6200	0	59458	0.0071	-0.0026	0.0019	6.78E+06	0.723
3248.160	6200	0	59489	0.0071	-0.0026	0.0019	6.77E+06	0.722
3249.160	6200	0	59536	0.0071	-0.0026	0.0020	6.81E+06	0.729
3250.160	6199	0	59583	0.0071	-0.0026	0.0019	6.76E+06	0.729
3251.160	6200	0	59598	0.0072	-0.0026	0.0019	6.75E+06	0.729
3252.160	6199	0	59583	0.0071	-0.0026	0.0019	6.79E+06	0.735
3253.160	6199	0	59645	0.0072	-0.0026	0.0019	6.76E+06	0.736
3254.160	6200	0	59692	0.0072	-0.0026	0.0019	6.84E+06	0.747
3255.160	6199	0	59770	0.0072	-0.0026	0.0019	6.82E+06	0.747
3256.160	6200	0	59738	0.0072	-0.0026	0.0019	6.77E+06	0.743
3257.160	6199	0	59770	0.0072	-0.0026	0.0019	6.77E+06	0.745
3258.160	6200	0	59847	0.0072	-0.0026	0.0019	6.86E+06	0.751
3259.160	6198	0	59863	0.0072	-0.0026	0.0019	6.85E+06	0.752
3260.160	6198	0	59894	0.0072	-0.0026	0.0019	6.84E+06	0.753
3261.160	6200	0	59910	0.0072	-0.0026	0.0019	6.84E+06	0.751
3262.150	6199	0	59925	0.0072	-0.0026	0.0019	6.78E+06	0.743
3263.150	6199	0	59987	0.0072	-0.0026	0.0019	6.80E+06	0.741
3264.150	6199	0	60003	0.0072	-0.0026	0.0019	6.85E+06	0.743
3265.150	6201	0	60034	0.0072	-0.0027	0.0019	6.84E+06	0.740
3266.150	6199	0	60065	0.0072	-0.0027	0.0019	6.90E+06	0.743
3267.150	6199	0	60065	0.0072	-0.0027	0.0019	6.95E+06	0.744
3268.150	6199	0	60128	0.0072	-0.0027	0.0019	6.97E+06	0.745
3269.150	6200	0	60159	0.0072	-0.0027	0.0019	7.00E+06	0.743
3270.150	6199	0	60190	0.0072	-0.0027	0.0019	7.03E+06	0.739
3271.150	6201	0	60221	0.0072	-0.0027	0.0019	7.03E+06	0.735
3272.150	6199	0	60268	0.0072	-0.0027	0.0019	7.06E+06	0.737
3273.150	6199	0	60283	0.0072	-0.0027	0.0019	7.08E+06	0.734
3274.150	6199	0	60330	0.0072	-0.0027	0.0019	7.04E+06	0.732
3275.150	6200	0	60330	0.0073	-0.0027	0.0019	7.06E+06	0.733
3276.150	6199	0	60392	0.0073	-0.0027	0.0019	7.07E+06	0.732
3277.150	6199	0	60423	0.0073	-0.0027	0.0019	7.10E+06	0.735
3278.150	6199	0	60455	0.0073	-0.0027	0.0019	7.09E+06	0.738
3279.150	6200	0	60470	0.0073	-0.0027	0.0019	7.09E+06	0.737
3280.150	6200	0	60517	0.0073	-0.0027	0.0019	7.01E+06	0.732

3281.150	6199	0	60517	0.0073	-0.0027	0.0019	7.04E+06	0.736
3282.150	6199	0	60579	0.0073	-0.0027	0.0019	7.00E+06	0.738
3283.150	6199	0	60657	0.0073	-0.0027	0.0019	6.93E+06	0.736
3284.150	6201	0	60688	0.0073	-0.0027	0.0019	6.90E+06	0.733
3285.150	6199	0	60719	0.0073	-0.0027	0.0019	6.88E+06	0.734
3286.150	6199	0	60781	0.0073	-0.0027	0.0019	6.82E+06	0.732
3287.150	6200	0	60813	0.0073	-0.0027	0.0019	6.77E+06	0.729
3288.150	6200	0	60891	0.0073	-0.0027	0.0019	6.73E+06	0.729
3289.150	6200	0	60937	0.0073	-0.0027	0.0018	6.70E+06	0.729
3290.150	6199	0	60984	0.0073	-0.0027	0.0018	6.66E+06	0.730
3291.150	6199	0	61031	0.0073	-0.0027	0.0018	6.67E+06	0.736
3292.150	6199	0	61062	0.0073	-0.0028	0.0018	6.67E+06	0.738
3293.140	6199	0	61108	0.0074	-0.0028	0.0018	6.63E+06	0.740
3294.140	6200	0	61171	0.0074	-0.0028	0.0018	6.61E+06	0.743
3295.140	6199	0	61202	0.0074	-0.0028	0.0018	6.56E+06	0.744
3296.140	6199	0	61233	0.0074	-0.0028	0.0018	6.60E+06	0.753
3297.140	6199	0	61264	0.0074	-0.0028	0.0018	6.58E+06	0.756
3298.140	6200	0	61326	0.0074	-0.0028	0.0018	6.55E+06	0.758
3299.140	6199	0	61326	0.0074	-0.0028	0.0018	6.51E+06	0.759
3300.140	6199	0	61358	0.0074	-0.0028	0.0018	6.51E+06	0.764
3301.140	6199	0	61404	0.0074	-0.0028	0.0018	6.44E+06	0.765
3302.140	6200	0	61482	0.0074	-0.0028	0.0018	6.42E+06	0.771
3303.140	6201	0	61467	0.0074	-0.0028	0.0018	6.43E+06	0.780
3304.140	6200	0	61513	0.0074	-0.0028	0.0018	6.45E+06	0.788
3305.140	6201	0	61529	0.0074	-0.0028	0.0018	6.45E+06	0.797
3306.140	6199	0	61560	0.0074	-0.0028	0.0018	6.40E+06	0.800
3307.140	6202	0	61576	0.0074	-0.0028	0.0018	6.31E+06	0.801
3308.140	6200	0	61607	0.0074	-0.0028	0.0018	6.25E+06	0.805
3309.140	6199	0	61653	0.0075	-0.0028	0.0018	6.27E+06	0.814
3310.140	6200	0	61685	0.0074	-0.0028	0.0018	6.29E+06	0.825
3311.140	6200	0	61700	0.0075	-0.0028	0.0018	6.26E+06	0.828
3312.140	6201	0	61747	0.0075	-0.0028	0.0018	6.25E+06	0.832
3313.140	6200	0	61747	0.0075	-0.0028	0.0018	6.16E+06	0.826
3314.140	6201	0	61825	0.0075	-0.0029	0.0018	6.14E+06	0.828
3315.140	6200	0	61809	0.0075	-0.0029	0.0018	6.16E+06	0.835
3316.140	6199	0	61856	0.0075	-0.0029	0.0018	6.14E+06	0.836
3317.140	6200	0	61887	0.0075	-0.0029	0.0018	6.18E+06	0.844
3318.140	6199	0	61902	0.0075	-0.0029	0.0018	6.20E+06	0.849
3319.140	6199	0	61965	0.0075	-0.0029	0.0018	6.16E+06	0.849
3320.140	6200	0	61965	0.0075	-0.0029	0.0017	6.22E+06	0.854
3321.140	6199	0	61996	0.0075	-0.0029	0.0017	6.20E+06	0.849
3322.140	6200	0	62027	0.0075	-0.0029	0.0017	6.17E+06	0.845
3323.140	6199	0	62043	0.0075	-0.0029	0.0017	6.19E+06	0.848
3324.130	6199	0	62074	0.0075	-0.0029	0.0017	6.20E+06	0.846
3325.130	6200	0	62120	0.0075	-0.0029	0.0017	6.16E+06	0.841
3326.130	6200	0	62136	0.0075	-0.0029	0.0017	6.19E+06	0.850
3327.130	6199	0	62167	0.0075	-0.0029	0.0017	6.18E+06	0.848
3328.130	6199	0	62198	0.0075	-0.0029	0.0017	6.26E+06	0.853
3329.130	6201	0	62229	0.0075	-0.0029	0.0017	6.27E+06	0.857
3330.130	6199	0	62276	0.0075	-0.0029	0.0017	6.29E+06	0.857
3331.130	6200	0	62261	0.0075	-0.0029	0.0017	6.22E+06	0.850
3332.130	6200	0	62292	0.0076	-0.0029	0.0017	6.26E+06	0.856
3333.130	6199	0	62307	0.0076	-0.0029	0.0017	6.30E+06	0.859
3334.130	6199	0	62354	0.0076	-0.0029	0.0017	6.29E+06	0.859
3335.130	6199	0	62385	0.0076	-0.0029	0.0017	6.27E+06	0.852
3336.130	6199	0	62401	0.0076	-0.0029	0.0017	6.31E+06	0.856
3337.130	6199	0	62463	0.0076	-0.0029	0.0017	6.25E+06	0.850
3338.130	6201	0	62494	0.0076	-0.0029	0.0017	6.26E+06	0.849
3339.130	6200	0	62510	0.0076	-0.0029	0.0017	6.27E+06	0.852
3340.130	6199	0	62541	0.0076	-0.0030	0.0017	6.29E+06	0.850
3341.130	6200	0	62541	0.0076	-0.0030	0.0017	6.25E+06	0.846
3342.130	6199	0	62603	0.0076	-0.0030	0.0017	6.24E+06	0.846
3343.130	6198	0	62603	0.0076	-0.0030	0.0017	6.29E+06	0.849
3344.130	6200	0	62650	0.0076	-0.0030	0.0017	6.29E+06	0.847
3345.130	6199	0	62665	0.0076	-0.0030	0.0017	6.28E+06	0.843
3346.130	6199	0	62712	0.0076	-0.0030	0.0017	6.31E+06	0.847
3347.130	6200	0	62712	0.0076	-0.0030	0.0017	6.31E+06	0.847
3348.130	6200	0	62728	0.0076	-0.0030	0.0017	6.34E+06	0.849
3349.130	6201	0	62774	0.0076	-0.0030	0.0017	6.32E+06	0.845
3350.130	6200	0	62805	0.0076	-0.0030	0.0017	6.27E+06	0.838
3351.130	6199	0	62821	0.0076	-0.0030	0.0016	6.29E+06	0.840
3352.130	6200	0	62883	0.0076	-0.0030	0.0016	6.28E+06	0.839
3353.130	6199	0	62883	0.0076	-0.0030	0.0016	6.29E+06	0.839
3354.130	6202	0	62914	0.0076	-0.0030	0.0016	6.29E+06	0.840
3355.130	6201	0	62946	0.0077	-0.0030	0.0016	6.31E+06	0.843
3356.120	6199	0	62977	0.0077	-0.0030	0.0016	6.31E+06	0.842

				3357.120	6199	0	63008	0.0077	-0.0030	0.0016	6.29E+06	0.841
				3358.120	6199	0	63070	0.0077	-0.0030	0.0016	6.29E+06	0.844
				3359.120	6199	0	63086	0.0077	-0.0030	0.0016	6.29E+06	0.845
				3360.120	6199	0	63132	0.0077	-0.0030	0.0016	6.31E+06	0.848
				3361.120	6199	0	63132	0.0077	-0.0030	0.0016	6.36E+06	0.857
				3362.120	6201	0	63164	0.0077	-0.0030	0.0016	6.38E+06	0.860
				3363.120	6200	0	63210	0.0077	-0.0030	0.0016	6.38E+06	0.859
				3364.120	6199	0	63210	0.0077	-0.0030	0.0016	6.37E+06	0.858
				3365.120	6199	0	63273	0.0077	-0.0030	0.0016	6.40E+06	0.862
				3366.120	6199	0	63288	0.0077	-0.0031	0.0016	6.42E+06	0.865
				3367.120	6201	0	63304	0.0077	-0.0031	0.0016	6.41E+06	0.864
				3368.120	6200	0	63366	0.0077	-0.0031	0.0016	6.44E+06	0.868
				3369.120	6200	0	63382	0.0077	-0.0031	0.0016	6.46E+06	0.873
				3370.120	6199	0	63397	0.0077	-0.0031	0.0016	6.45E+06	0.874
				3371.120	6200	0	63428	0.0077	-0.0031	0.0016	6.50E+06	0.876
				3372.120	6199	0	63459	0.0077	-0.0031	0.0016	6.48E+06	0.874
				3373.120	6199	0	63491	0.0077	-0.0031	0.0016	6.47E+06	0.870
				3374.120	6200	0	63522	0.0077	-0.0031	0.0016	6.47E+06	0.872
				3375.120	6199	0	63553	0.0078	-0.0031	0.0016	6.48E+06	0.874
				3376.120	6201	0	63584	0.0077	-0.0031	0.0016	6.46E+06	0.872
				3377.120	6199	0	63615	0.0078	-0.0031	0.0016	6.45E+06	0.874
				3378.120	6200	0	63662	0.0078	-0.0031	0.0016	6.45E+06	0.874
				3379.120	6201	0	63677	0.0078	-0.0031	0.0016	6.43E+06	0.871
				3380.120	6200	0	63693	0.0078	-0.0031	0.0016	6.43E+06	0.871
				3381.120	6200	0	63740	0.0078	-0.0031	0.0016	6.45E+06	0.875
				3382.120	6199	0	63755	0.0078	-0.0031	0.0015	6.41E+06	0.872
				3383.120	6201	0	63802	0.0078	-0.0031	0.0015	6.41E+06	0.872
				3384.120	6198	0	63849	0.0078	-0.0031	0.0015	6.45E+06	0.874
				3385.120	6200	0	63849	0.0078	-0.0031	0.0015	6.48E+06	0.874
				3386.110	6199	0	63880	0.0078	-0.0031	0.0015	6.48E+06	0.871
				3387.110	6199	0	63911	0.0078	-0.0031	0.0015	6.49E+06	0.874
				3388.110	6199	0	63942	0.0078	-0.0031	0.0015	6.46E+06	0.871
				3389.110	6199	0	63973	0.0078	-0.0031	0.0015	6.45E+06	0.873
				3390.110	6200	0	64020	0.0078	-0.0032	0.0015	6.46E+06	0.876
				3391.110	6200	0	64051	0.0078	-0.0032	0.0015	6.48E+06	0.879
				3392.110	6200	0	64098	0.0078	-0.0032	0.0015	6.47E+06	0.877
				3393.110	6200	0	64129	0.0078	-0.0032	0.0015	6.47E+06	0.879
				3394.110	6201	0	64144	0.0078	-0.0032	0.0015	6.54E+06	0.887
				3395.110	6200	0	64176	0.0078	-0.0032	0.0015	6.52E+06	0.886
				3396.110	6200	0	64238	0.0078	-0.0032	0.0015	6.50E+06	0.885
				3397.110	6201	0	64238	0.0079	-0.0032	0.0015	6.52E+06	0.888
				3398.110	6199	0	64300	0.0079	-0.0032	0.0015	6.48E+06	0.887
				3399.110	6199	0	64331	0.0079	-0.0032	0.0015	6.50E+06	0.891
				3400.110	6199	0	64347	0.0079	-0.0032	0.0015	6.49E+06	0.892
				3401.110	6199	0	64378	0.0079	-0.0032	0.0015	6.44E+06	0.889
				3402.110	6199	0	64425	0.0079	-0.0032	0.0015	6.41E+06	0.887
				3403.110	6200	0	64487	0.0079	-0.0032	0.0015	6.40E+06	0.888
				3404.110	6199	0	64502	0.0079	-0.0032	0.0015	6.40E+06	0.888
				3405.110	6200	0	64534	0.0079	-0.0032	0.0015	6.39E+06	0.888
				3406.110	6200	0	64580	0.0079	-0.0032	0.0014	6.35E+06	0.888
				3407.110	6199	0	64580	0.0079	-0.0032	0.0014	6.30E+06	0.886
				3408.110	6200	0	64627	0.0079	-0.0032	0.0014	6.27E+06	0.885
				3409.110	6199	0	64674	0.0079	-0.0032	0.0014	6.27E+06	0.889
				3410.110	6200	0	64767	0.0079	-0.0032	0.0014	6.27E+06	0.891
				3411.110	6200	0	64752	0.0079	-0.0032	0.0014	6.24E+06	0.891
				3412.110	6201	0	64752	0.0079	-0.0033	0.0014	6.24E+06	0.897
				3413.110	6199	0	64783	0.0079	-0.0033	0.0014	6.22E+06	0.898
				3414.110	6199	0	64814	0.0079	-0.0033	0.0014	6.22E+06	0.899
				3415.110	6200	0	64861	0.0080	-0.0033	0.0014	6.21E+06	0.902
				3416.110	6199	0	64892	0.0079	-0.0033	0.0014	6.20E+06	0.905
				3417.100	6199	0	64938	0.0080	-0.0033	0.0014	6.20E+06	0.911
				3418.100	6200	0	64954	0.0080	-0.0033	0.0014	6.15E+06	0.909
				3419.100	6199	0	65001	0.0080	-0.0033	0.0014	6.11E+06	0.909
				3420.100	6200	0	65016	0.0080	-0.0033	0.0014	6.11E+06	0.914
				3421.100	6201	0	65047	0.0080	-0.0033	0.0014	6.07E+06	0.915
				3422.100	6198	0	65094	0.0080	-0.0033	0.0014	6.07E+06	0.918
				3423.100	6199	0	65110	0.0080	-0.0033	0.0014	6.03E+06	0.917
				3424.100	6200	0	65141	0.0080	-0.0033	0.0014	6.03E+06	0.918
				3425.100	6199	0	65141	0.0080	-0.0033	0.0014	6.05E+06	0.924
				3426.100	6199	0	65188	0.0080	-0.0033	0.0014	6.03E+06	0.929
				3427.100	6199	0	65203	0.0080	-0.0033	0.0014	5.99E+06	0.927
				3428.100	6200	0	65250	0.0080	-0.0033	0.0014	5.95E+06	0.928
				3429.100	6199	0	65296	0.0080	-0.0033	0.0014	5.95E+06	0.929
				3430.100	6199	0	65312	0.0080	-0.0033	0.0013	5.90E+06	0.926
				3431.100	6199	0	65328	0.0080	-0.0033	0.0013	5.90E+06	0.929
				3432.100	6199	0	65359	0.0080	-0.0033	0.0013	5.91E+06	0.935

3433.100	6200	0	65406	0.0080	-0.0034	0.0013	5.88E+06	0.933
3434.100	6199	0	65437	0.0080	-0.0034	0.0013	5.87E+06	0.931
3435.100	6200	0	65452	0.0080	-0.0034	0.0013	5.89E+06	0.936
3436.100	6200	0	65483	0.0081	-0.0034	0.0013	5.91E+06	0.933
3437.100	6200	0	65514	0.0081	-0.0034	0.0013	5.91E+06	0.933
3438.100	6201	0	65546	0.0081	-0.0034	0.0013	5.88E+06	0.932
3439.100	6200	0	65608	0.0081	-0.0034	0.0013	5.83E+06	0.928
3440.100	6199	0	65623	0.0081	-0.0034	0.0013	5.82E+06	0.930
3441.100	6199	0	65623	0.0081	-0.0034	0.0013	5.82E+06	0.932
3442.100	6198	0	65655	0.0081	-0.0034	0.0013	5.82E+06	0.933
3443.100	6199	0	65655	0.0081	-0.0034	0.0013	5.81E+06	0.929
3444.100	6199	0	65701	0.0081	-0.0034	0.0013	5.82E+06	0.933
3445.100	6200	0	65732	0.0081	-0.0034	0.0013	5.86E+06	0.941
3446.100	6201	0	65779	0.0081	-0.0034	0.0013	5.85E+06	0.942
3447.100	6199	0	65810	0.0081	-0.0034	0.0013	5.86E+06	0.947
3448.100	6200	0	65810	0.0081	-0.0034	0.0013	5.87E+06	0.951
3449.090	6201	0	65873	0.0081	-0.0034	0.0013	5.81E+06	0.946
3450.090	6200	0	65873	0.0081	-0.0034	0.0013	5.85E+06	0.952
3451.090	6199	0	65888	0.0081	-0.0034	0.0013	5.86E+06	0.958
3452.090	6199	0	65950	0.0081	-0.0034	0.0013	5.86E+06	0.962
3453.090	6200	0	65966	0.0081	-0.0034	0.0012	5.83E+06	0.960
3454.090	6199	0	66013	0.0081	-0.0034	0.0013	5.81E+06	0.961
3455.090	6199	0	66013	0.0082	-0.0035	0.0012	5.79E+06	0.960
3456.090	6200	0	66059	0.0081	-0.0035	0.0012	5.80E+06	0.965
3457.090	6200	0	66075	0.0082	-0.0035	0.0012	5.77E+06	0.967
3458.090	6199	0	66153	0.0082	-0.0035	0.0012	5.73E+06	0.964
3459.090	6200	0	66153	0.0082	-0.0035	0.0012	5.73E+06	0.966
3460.090	6201	0	66200	0.0082	-0.0035	0.0012	5.75E+06	0.972
3461.090	6199	0	66246	0.0082	-0.0035	0.0012	5.74E+06	0.975
3462.090	6202	0	66231	0.0082	-0.0035	0.0012	5.71E+06	0.972
3463.090	6201	0	66277	0.0082	-0.0035	0.0012	5.74E+06	0.978
3464.090	6199	0	66293	0.0082	-0.0035	0.0012	5.76E+06	0.984
3465.090	6199	0	66324	0.0082	-0.0035	0.0012	5.83E+06	0.990
3466.090	6200	0	66355	0.0082	-0.0035	0.0012	5.88E+06	0.991
3467.090	6199	0	66386	0.0082	-0.0035	0.0012	5.91E+06	0.986
3468.090	6199	0	66449	0.0082	-0.0035	0.0012	6.01E+06	0.992
3469.090	6200	0	66449	0.0082	-0.0035	0.0012	6.05E+06	0.989
3470.090	6200	0	66464	0.0082	-0.0035	0.0012	6.11E+06	0.984
3471.090	6199	0	66495	0.0082	-0.0035	0.0012	6.18E+06	0.983
3472.090	6200	0	66526	0.0082	-0.0035	0.0012	6.22E+06	0.976
3473.090	6199	0	66542	0.0082	-0.0035	0.0011	6.27E+06	0.973
3474.090	6200	0	66573	0.0082	-0.0035	0.0012	6.35E+06	0.976
3475.090	6201	0	66620	0.0082	-0.0035	0.0011	6.39E+06	0.970
3476.090	6202	0	66651	0.0082	-0.0036	0.0011	6.45E+06	0.966
3477.090	6199	0	66667	0.0082	-0.0036	0.0011	6.48E+06	0.966
3478.090	6199	0	66698	0.0083	-0.0036	0.0011	6.49E+06	0.963
3479.090	6199	0	66698	0.0083	-0.0036	0.0011	6.52E+06	0.964
3480.080	6202	0	66760	0.0083	-0.0036	0.0011	6.53E+06	0.961
3481.080	6199	0	66776	0.0083	-0.0036	0.0011	6.53E+06	0.961
3482.080	6199	0	66776	0.0083	-0.0036	0.0011	6.55E+06	0.964
3483.080	6199	0	66807	0.0083	-0.0036	0.0011	6.56E+06	0.969
3484.080	6199	0	66869	0.0083	-0.0036	0.0011	6.57E+06	0.972
3485.080	6201	0	66885	0.0083	-0.0036	0.0011	6.53E+06	0.970
3486.080	6202	0	66900	0.0083	-0.0036	0.0011	6.55E+06	0.978
3487.080	6200	0	66947	0.0083	-0.0036	0.0011	6.54E+06	0.980
3488.080	6199	0	67009	0.0083	-0.0036	0.0011	6.53E+06	0.983
3489.080	6201	0	67009	0.0083	-0.0036	0.0011	6.51E+06	0.987
3490.080	6199	0	67103	0.0083	-0.0036	0.0011	6.46E+06	0.986
3491.080	6199	0	67180	0.0083	-0.0036	0.0011	6.44E+06	0.990
3492.080	6199	0	67289	0.0083	-0.0036	0.0011	6.39E+06	0.993
3493.080	6199	0	67383	0.0083	-0.0037	0.0010	6.34E+06	0.995
3494.080	6200	0	67429	0.0084	-0.0037	0.0010	6.31E+06	0.998
3495.080	6199	0	67538	0.0084	-0.0037	0.0010	6.29E+06	1.005
3496.080	6199	0	67570	0.0084	-0.0037	0.0010	6.26E+06	1.010
3497.080	6199	0	67647	0.0084	-0.0037	0.0010	6.23E+06	1.016
3498.080	6200	0	67725	0.0084	-0.0037	0.0010	6.20E+06	1.022
3499.080	6199	0	67788	0.0084	-0.0037	0.0010	6.16E+06	1.028
3500.080	6201	0	67850	0.0084	-0.0037	0.0010	6.11E+06	1.032
3501.080	6200	0	67943	0.0084	-0.0037	0.0010	6.07E+06	1.039
3502.080	6200	0	67943	0.0084	-0.0037	0.0010	6.04E+06	1.047
3503.080	6200	0	67990	0.0085	-0.0037	0.0010	6.02E+06	1.056
3504.080	6199	0	68068	0.0085	-0.0038	0.0009	5.96E+06	1.062
3505.080	6199	0	68099	0.0085	-0.0038	0.0009	5.91E+06	1.069
3506.080	6199	0	68130	0.0085	-0.0038	0.0009	5.84E+06	1.073
3507.080	6199	0	68161	0.0085	-0.0038	0.0009	5.80E+06	1.085
3508.080	6199	0	68192	0.0085	-0.0038	0.0009	5.73E+06	1.092

				3509.080	6199	0	68239	0.0085	-0.0038	0.0009	5.64E+06	1.097
				3510.080	6200	0	68270	0.0085	-0.0038	0.0009	5.57E+06	1.107
				3511.070	6199	0	68301	0.0085	-0.0038	0.0009	5.48E+06	1.115
				3512.070	6200	0	68333	0.0085	-0.0038	0.0009	5.39E+06	1.127
				3513.070	6201	0	68364	0.0085	-0.0038	0.0009	5.29E+06	1.138
				3514.070	6199	0	68364	0.0085	-0.0038	0.0008	5.19E+06	1.148
				3515.070	6199	0	68410	0.0085	-0.0038	0.0008	5.08E+06	1.167
				3516.070	6201	0	68441	0.0085	-0.0039	0.0008	5.00E+06	1.187
				3517.070	6199	0	68410	0.0086	-0.0039	0.0008	4.89E+06	1.201
				3518.070	6199	0	68441	0.0086	-0.0039	0.0008	4.79E+06	1.208
				3519.070	6200	0	68457	0.0086	-0.0039	0.0008	4.74E+06	1.227
				3520.070	6199	0	68504	0.0086	-0.0039	0.0008	4.66E+06	1.238
				3521.070	6200	0	68535	0.0086	-0.0039	0.0008	4.62E+06	1.251
				3522.070	6200	0	68550	0.0086	-0.0039	0.0008	4.55E+06	1.262
				3523.070	6200	0	68550	0.0086	-0.0039	0.0008	4.49E+06	1.267
				3524.070	6199	0	68566	0.0086	-0.0039	0.0008	4.44E+06	1.275
				3525.070	6200	0	68582	0.0086	-0.0039	0.0008	4.41E+06	1.290
				3526.070	6199	0	68597	0.0086	-0.0039	0.0008	4.40E+06	1.299
				3527.070	6200	0	68628	0.0086	-0.0039	0.0007	4.37E+06	1.298
				3528.070	6199	0	68659	0.0086	-0.0039	0.0007	4.36E+06	1.303
				3529.070	6200	0	68644	0.0086	-0.0039	0.0007	4.34E+06	1.303
				3530.070	6200	0	68722	0.0086	-0.0039	0.0007	4.35E+06	1.308
				3531.070	6199	0	68675	0.0086	-0.0039	0.0007	4.36E+06	1.306
				3532.070	6199	0	68722	0.0086	-0.0039	0.0007	4.38E+06	1.308
				3533.070	6199	0	68737	0.0086	-0.0040	0.0007	4.39E+06	1.308
				3534.070	6200	0	68737	0.0086	-0.0040	0.0007	4.42E+06	1.311
				3535.070	6199	0	68753	0.0086	-0.0040	0.0007	4.47E+06	1.319
				3536.070	6201	0	68768	0.0086	-0.0040	0.0007	4.46E+06	1.307
				3537.070	6199	0	68784	0.0086	-0.0040	0.0007	4.50E+06	1.310
				3538.070	6201	0	68800	0.0086	-0.0040	0.0007	4.52E+06	1.304
				3539.070	6199	0	68815	0.0086	-0.0040	0.0007	4.59E+06	1.305
				3540.070	6201	0	68831	0.0086	-0.0040	0.0007	4.64E+06	1.302
				3541.070	6200	0	68877	0.0086	-0.0040	0.0007	4.66E+06	1.290
				3542.070	6200	0	68862	0.0086	-0.0040	0.0006	4.70E+06	1.285
				3543.060	6200	0	68893	0.0087	-0.0040	0.0006	4.71E+06	1.279
				3544.060	6199	0	68924	0.0086	-0.0040	0.0006	4.71E+06	1.272
				3545.060	6200	0	68924	0.0087	-0.0040	0.0006	4.75E+06	1.271
				3546.060	6201	0	68955	0.0087	-0.0040	0.0006	4.80E+06	1.271
				3547.060	6199	0	68986	0.0087	-0.0040	0.0006	4.83E+06	1.265
				3548.060	6199	0	68986	0.0087	-0.0040	0.0006	4.87E+06	1.259
				3549.060	6199	0	69017	0.0087	-0.0040	0.0006	4.91E+06	1.257
				3550.060	6199	0	69017	0.0087	-0.0040	0.0006	4.90E+06	1.246
				3551.060	6201	0	69049	0.0087	-0.0040	0.0006	4.94E+06	1.248
				3552.060	6201	0	69049	0.0087	-0.0040	0.0006	4.92E+06	1.236
				3553.060	6199	0	69080	0.0087	-0.0041	0.0006	4.94E+06	1.236
				3554.060	6199	0	69111	0.0087	-0.0041	0.0006	5.02E+06	1.242
				3555.060	6199	0	69127	0.0087	-0.0041	0.0006	5.06E+06	1.244
				3556.060	6199	0	69142	0.0087	-0.0041	0.0006	5.07E+06	1.235
				3557.060	6199	0	69173	0.0087	-0.0041	0.0006	5.07E+06	1.231
				3558.060	6199	0	69173	0.0087	-0.0041	0.0006	5.13E+06	1.230
				3559.060	6200	0	69204	0.0087	-0.0041	0.0006	5.17E+06	1.228
				3560.060	6200	0	69220	0.0087	-0.0041	0.0005	5.15E+06	1.220
				3561.060	6199	0	69235	0.0087	-0.0041	0.0005	5.16E+06	1.216
				3562.060	6199	0	69251	0.0087	-0.0041	0.0005	5.15E+06	1.208
				3563.060	6200	0	69282	0.0087	-0.0041	0.0005	5.17E+06	1.210
				3564.060	6200	0	69329	0.0087	-0.0041	0.0005	5.19E+06	1.208
				3565.060	6201	0	69344	0.0087	-0.0041	0.0005	5.17E+06	1.199
				3566.060	6200	0	69360	0.0087	-0.0041	0.0005	5.16E+06	1.194
				3567.060	6200	0	69360	0.0087	-0.0041	0.0005	5.18E+06	1.191
				3568.060	6200	0	69391	0.0087	-0.0041	0.0005	5.20E+06	1.197
				3569.060	6201	0	69407	0.0087	-0.0041	0.0005	5.21E+06	1.193
				3570.060	6200	0	69438	0.0088	-0.0041	0.0005	5.25E+06	1.198
				3571.060	6199	0	69453	0.0088	-0.0041	0.0005	5.23E+06	1.192
				3572.060	6200	0	69469	0.0088	-0.0041	0.0005	5.22E+06	1.188
				3573.060	6200	0	69500	0.0088	-0.0041	0.0005	5.25E+06	1.191
				3574.050	6200	0	69516	0.0088	-0.0042	0.0005	5.24E+06	1.184
				3575.050	6202	0	69516	0.0088	-0.0042	0.0005	5.25E+06	1.186
				3576.050	6201	0	69547	0.0088	-0.0042	0.0005	5.24E+06	1.181
				3577.050	6200	0	69578	0.0088	-0.0042	0.0005	5.29E+06	1.190
				3578.050	6199	0	69578	0.0088	-0.0042	0.0004	5.31E+06	1.195
				3579.050	6201	0	69609	0.0088	-0.0042	0.0004	5.28E+06	1.187
				3580.050	6199	0	69656	0.0088	-0.0042	0.0004	5.26E+06	1.183
				3581.050	6199	0	69625	0.0088	-0.0042	0.0004	5.27E+06	1.182
				3582.050	6199	0	69687	0.0088	-0.0042	0.0004	5.29E+06	1.182
				3583.050	6202	0	69749	0.0088	-0.0042	0.0004	5.31E+06	1.183
				3584.050	6199	0	69734	0.0088	-0.0042	0.0004	5.32E+06	1.185



				3585.050	6200	0	69749	0.0088	-0.0042	0.0004	5.34E+06	1.186
				3586.050	6198	0	69780	0.0088	-0.0042	0.0004	5.34E+06	1.187
				3587.050	6200	0	69796	0.0088	-0.0042	0.0004	5.32E+06	1.180
				3588.050	6200	0	69812	0.0088	-0.0042	0.0004	5.31E+06	1.182
				3589.050	6199	0	69843	0.0088	-0.0042	0.0004	5.28E+06	1.175
				3590.050	6200	0	69874	0.0088	-0.0042	0.0004	5.31E+06	1.175
				3591.050	6199	0	69905	0.0088	-0.0042	0.0004	5.31E+06	1.174
				3592.050	6201	0	69889	0.0088	-0.0042	0.0004	5.32E+06	1.176
				3593.050	6200	0	69921	0.0088	-0.0042	0.0004	5.31E+06	1.174
				3594.050	6199	0	69967	0.0089	-0.0042	0.0004	5.30E+06	1.171
				3595.050	6199	0	69983	0.0089	-0.0043	0.0003	5.32E+06	1.178
				3596.050	6199	0	69983	0.0089	-0.0043	0.0004	5.33E+06	1.183
				3597.050	6199	0	69998	0.0089	-0.0043	0.0003	5.32E+06	1.184
				3598.050	6199	0	70030	0.0089	-0.0043	0.0003	5.31E+06	1.185
				3599.050	6199	0	70076	0.0089	-0.0043	0.0003	5.29E+06	1.182
				3600.050	6200	0	70076	0.0089	-0.0043	0.0003	5.27E+06	1.182
				3601.050	6199	0	70123	0.0089	-0.0043	0.0003	5.25E+06	1.178
				3602.050	6202	0	70138	0.0089	-0.0043	0.0003	5.27E+06	1.184
				3603.050	6200	0	70154	0.0089	-0.0043	0.0003	5.22E+06	1.176
				3604.050	6200	0	70185	0.0089	-0.0043	0.0003	5.22E+06	1.179
				3605.040	6200	0	70185	0.0089	-0.0043	0.0003	5.22E+06	1.184
				3606.040	6201	0	70247	0.0089	-0.0043	0.0003	5.25E+06	1.194
				3607.040	6199	0	70263	0.0089	-0.0043	0.0003	5.21E+06	1.193
				3608.040	6200	0	70279	0.0089	-0.0043	0.0003	5.18E+06	1.188
				3609.040	6199	0	70294	0.0089	-0.0043	0.0003	5.18E+06	1.184
				3610.040	6199	0	70341	0.0089	-0.0043	0.0003	5.17E+06	1.186
				3611.040	6201	0	70341	0.0089	-0.0043	0.0003	5.14E+06	1.184
				3612.040	6201	0	70388	0.0089	-0.0043	0.0003	5.16E+06	1.185
				3613.040	6199	0	70388	0.0089	-0.0043	0.0002	5.13E+06	1.181
				3614.040	6199	0	70419	0.0089	-0.0044	0.0002	5.14E+06	1.189
				3615.040	6199	0	70465	0.0089	-0.0044	0.0002	5.15E+06	1.191
				3616.040	6198	0	70465	0.0089	-0.0044	0.0002	5.17E+06	1.195
				3617.040	6201	0	70481	0.0089	-0.0044	0.0002	5.19E+06	1.198
				3618.040	6200	0	70497	0.0090	-0.0044	0.0002	5.15E+06	1.193
				3619.040	6199	0	70528	0.0090	-0.0044	0.0002	5.17E+06	1.203
				3620.040	6199	0	70543	0.0090	-0.0044	0.0002	5.19E+06	1.209
				3621.040	6199	0	70559	0.0090	-0.0044	0.0002	5.22E+06	1.213
				3622.040	6200	0	70574	0.0090	-0.0044	0.0002	5.20E+06	1.214
				3623.040	6199	0	70606	0.0090	-0.0044	0.0002	5.19E+06	1.212
				3624.040	6199	0	70637	0.0090	-0.0044	0.0002	5.19E+06	1.219
				3625.040	6201	0	70652	0.0090	-0.0044	0.0002	5.20E+06	1.219
				3626.040	6199	0	70715	0.0090	-0.0044	0.0002	5.22E+06	1.224
				3627.040	6200	0	70715	0.0090	-0.0044	0.0002	5.22E+06	1.223
				3628.040	6200	0	70746	0.0090	-0.0044	0.0002	5.21E+06	1.226
				3629.040	6200	0	70777	0.0090	-0.0044	0.0001	5.23E+06	1.233
				3630.040	6199	0	70777	0.0090	-0.0044	0.0001	5.23E+06	1.233
				3631.040	6199	0	70777	0.0090	-0.0044	0.0001	5.21E+06	1.234
				3632.040	6199	0	70824	0.0090	-0.0044	0.0001	5.20E+06	1.229
				3633.040	6199	0	70855	0.0090	-0.0045	0.0001	5.20E+06	1.231
				3634.040	6200	0	70886	0.0090	-0.0045	0.0001	5.19E+06	1.234
				3635.040	6201	0	70901	0.0090	-0.0045	0.0001	5.21E+06	1.239
				3636.030	6199	0	70917	0.0090	-0.0045	0.0001	5.24E+06	1.246
				3637.030	6199	0	70979	0.0090	-0.0045	0.0001	5.26E+06	1.251
				3638.030	6199	0	70964	0.0091	-0.0045	0.0001	5.26E+06	1.247
				3639.030	6199	0	70995	0.0090	-0.0045	0.0001	5.28E+06	1.256
				3640.030	6200	0	71026	0.0091	-0.0045	0.0001	5.26E+06	1.252
				3641.030	6201	0	71073	0.0091	-0.0045	0.0001	5.28E+06	1.255
				3642.030	6199	0	71088	0.0091	-0.0045	0.0000	5.28E+06	1.255
				3643.030	6200	0	71088	0.0091	-0.0045	0.0001	5.32E+06	1.266
				3644.030	6199	0	71119	0.0091	-0.0045	0.0000	5.32E+06	1.269
				3645.030	6199	0	71150	0.0091	-0.0045	0.0000	5.28E+06	1.264
				3646.030	6202	0	71182	0.0091	-0.0045	0.0000	5.30E+06	1.273
				3647.030	6201	0	71197	0.0091	-0.0045	0.0000	5.30E+06	1.278
				3648.030	6199	0	71244	0.0091	-0.0045	0.0000	5.32E+06	1.285
				3649.030	6200	0	71244	0.0091	-0.0046	0.0000	5.31E+06	1.286
				3650.030	6200	0	71306	0.0091	-0.0046	0.0000	5.29E+06	1.285
				3651.030	6199	0	71322	0.0091	-0.0046	0.0000	5.26E+06	1.285
				3652.030	6199	0	71322	0.0091	-0.0046	0.0000	5.25E+06	1.284
				3653.030	6199	0	71337	0.0091	-0.0046	0.0000	5.25E+06	1.288
				3654.030	6200	0	71384	0.0091	-0.0046	0.0000	5.24E+06	1.285
				3655.030	6200	0	71415	0.0091	-0.0046	-0.0001	5.24E+06	1.290
				3656.030	6199	0	71431	0.0091	-0.0046	-0.0001	5.23E+06	1.293
				3657.030	6199	0	71462	0.0091	-0.0046	0.0000	5.19E+06	1.294
				3658.030	6199	0	71477	0.0091	-0.0046	-0.0001	5.15E+06	1.295
				3659.030	6200	0	71477	0.0091	-0.0046	-0.0001	5.15E+06	1.297
				3660.030	6199	0	71524	0.0092	-0.0046	-0.0001	5.12E+06	1.289

3661.030	6201	0	71555	0.0092	-0.0046	-0.0001	5.14E+06	1.301
3662.030	6199	0	71586	0.0092	-0.0046	-0.0001	5.11E+06	1.300
3663.030	6200	0	71633	0.0092	-0.0046	-0.0001	5.14E+06	1.308
3664.030	6200	0	71633	0.0092	-0.0046	-0.0001	5.08E+06	1.301
3665.030	6199	0	71649	0.0092	-0.0046	-0.0001	5.08E+06	1.307
3666.030	6200	0	71680	0.0092	-0.0047	-0.0001	5.06E+06	1.308
3667.030	6201	0	71727	0.0092	-0.0047	-0.0001	5.07E+06	1.315
3668.020	6199	0	71711	0.0092	-0.0047	-0.0001	5.08E+06	1.320
3669.020	6199	0	71742	0.0092	-0.0047	-0.0001	5.04E+06	1.317
3670.020	6200	0	71758	0.0092	-0.0047	-0.0002	5.02E+06	1.319
3671.020	6200	0	71789	0.0092	-0.0047	-0.0002	5.04E+06	1.331
3672.020	6199	0	71836	0.0092	-0.0047	-0.0002	5.04E+06	1.335
3673.020	6201	0	71867	0.0092	-0.0047	-0.0002	5.02E+06	1.336
3674.020	6199	0	71882	0.0092	-0.0047	-0.0002	5.01E+06	1.337
3675.020	6199	0	71898	0.0092	-0.0047	-0.0002	5.03E+06	1.348
3676.020	6199	0	71898	0.0092	-0.0047	-0.0002	5.06E+06	1.354
3677.020	6199	0	71944	0.0092	-0.0047	-0.0002	5.07E+06	1.355
3678.020	6200	0	71960	0.0092	-0.0047	-0.0002	5.05E+06	1.348
3679.020	6199	0	72007	0.0092	-0.0047	-0.0002	5.04E+06	1.351
3680.020	6199	0	71991	0.0092	-0.0047	-0.0002	5.03E+06	1.350
3681.020	6199	0	72053	0.0092	-0.0048	-0.0003	5.04E+06	1.352
3682.020	6199	0	72038	0.0093	-0.0048	-0.0002	5.06E+06	1.360
3683.020	6200	0	72038	0.0093	-0.0048	-0.0003	5.02E+06	1.351
3684.020	6199	0	72116	0.0093	-0.0048	-0.0003	5.02E+06	1.353
3685.020	6201	0	72147	0.0093	-0.0048	-0.0003	5.00E+06	1.351
3686.020	6200	0	72147	0.0093	-0.0048	-0.0003	4.97E+06	1.346
3687.020	6199	0	72162	0.0093	-0.0048	-0.0003	4.97E+06	1.347
3688.020	6200	0	72194	0.0093	-0.0048	-0.0003	4.97E+06	1.351
3689.020	6200	0	72209	0.0093	-0.0048	-0.0003	4.96E+06	1.346
3690.020	6200	0	72225	0.0093	-0.0048	-0.0003	5.00E+06	1.354
3691.020	6200	0	72271	0.0093	-0.0048	-0.0003	4.98E+06	1.354
3692.020	6199	0	72256	0.0093	-0.0048	-0.0003	4.95E+06	1.354
3693.020	6199	0	72318	0.0093	-0.0048	-0.0003	4.95E+06	1.353
3694.020	6199	0	72334	0.0093	-0.0048	-0.0004	4.95E+06	1.359
3695.020	6200	0	72365	0.0093	-0.0048	-0.0004	4.93E+06	1.356
3696.020	6200	0	72380	0.0093	-0.0048	-0.0004	4.89E+06	1.351
3697.020	6199	0	72396	0.0093	-0.0049	-0.0004	4.87E+06	1.348
3698.020	6200	0	72427	0.0093	-0.0049	-0.0004	4.87E+06	1.348
3699.010	6199	0	72443	0.0093	-0.0049	-0.0004	4.89E+06	1.355
3700.010	6201	0	72489	0.0093	-0.0049	-0.0004	4.87E+06	1.353
3701.010	6199	0	72536	0.0093	-0.0049	-0.0004	4.88E+06	1.356
3702.010	6199	0	72536	0.0094	-0.0049	-0.0004	4.84E+06	1.350
3703.010	6201	0	72583	0.0094	-0.0049	-0.0004	4.85E+06	1.355
3704.010	6199	0	72583	0.0094	-0.0049	-0.0004	4.84E+06	1.356
3705.010	6199	0	72598	0.0094	-0.0049	-0.0004	4.83E+06	1.355
3706.010	6200	0	72645	0.0094	-0.0049	-0.0004	4.79E+06	1.350
3707.010	6200	0	72661	0.0094	-0.0049	-0.0005	4.81E+06	1.358
3708.010	6199	0	72692	0.0094	-0.0049	-0.0005	4.78E+06	1.357
3709.010	6199	0	72723	0.0094	-0.0049	-0.0005	4.75E+06	1.354
3710.010	6200	0	72739	0.0094	-0.0049	-0.0005	4.75E+06	1.355
3711.010	6199	0	72754	0.0094	-0.0049	-0.0005	4.72E+06	1.349
3712.010	6200	0	72785	0.0094	-0.0050	-0.0005	4.76E+06	1.364
3713.010	6199	0	72801	0.0094	-0.0050	-0.0005	4.75E+06	1.366
3714.010	6200	0	72848	0.0094	-0.0050	-0.0005	4.75E+06	1.373
3715.010	6200	0	72863	0.0094	-0.0050	-0.0005	4.74E+06	1.377
3716.010	6200	0	72863	0.0094	-0.0050	-0.0005	4.70E+06	1.375
3717.010	6201	0	72863	0.0094	-0.0050	-0.0006	4.70E+06	1.379
3718.010	6199	0	72910	0.0094	-0.0050	-0.0006	4.68E+06	1.386
3719.010	6200	0	72925	0.0094	-0.0050	-0.0006	4.63E+06	1.380
3720.010	6200	0	72956	0.0094	-0.0050	-0.0006	4.61E+06	1.382
3721.010	6200	0	72988	0.0094	-0.0050	-0.0006	4.59E+06	1.383
3722.010	6200	0	73019	0.0095	-0.0050	-0.0006	4.58E+06	1.387
3723.010	6199	0	73034	0.0095	-0.0050	-0.0006	4.55E+06	1.389
3724.010	6200	0	73050	0.0095	-0.0050	-0.0006	4.51E+06	1.388
3725.010	6199	0	73065	0.0095	-0.0050	-0.0006	4.50E+06	1.392
3726.010	6199	0	73112	0.0095	-0.0050	-0.0006	4.50E+06	1.402
3727.010	6200	0	73128	0.0095	-0.0051	-0.0006	4.51E+06	1.408
3728.010	6199	0	73128	0.0095	-0.0051	-0.0007	4.52E+06	1.417
3729.010	6199	0	73174	0.0095	-0.0051	-0.0007	4.48E+06	1.411
3730.000	6199	0	73206	0.0095	-0.0051	-0.0007	4.48E+06	1.419
3731.000	6200	0	73221	0.0095	-0.0051	-0.0007	4.47E+06	1.426
3732.000	6200	0	73252	0.0095	-0.0051	-0.0007	4.49E+06	1.431
3733.000	6199	0	73252	0.0095	-0.0051	-0.0007	4.49E+06	1.440
3734.000	6199	0	73299	0.0095	-0.0051	-0.0007	4.48E+06	1.439
3735.000	6199	0	73315	0.0095	-0.0051	-0.0007	4.52E+06	1.446
3736.000	6200	0	73346	0.0095	-0.0051	-0.0007	4.51E+06	1.447

				3737.000	6199	0	73377	0.0095	-0.0051	-0.0007	4.49E+06	1.448
				3738.000	6200	0	73392	0.0095	-0.0051	-0.0007	4.48E+06	1.443
				3739.000	6199	0	73392	0.0095	-0.0051	-0.0008	4.47E+06	1.449
				3740.000	6199	0	73408	0.0095	-0.0052	-0.0008	4.48E+06	1.453
				3741.000	6199	0	73455	0.0096	-0.0052	-0.0008	4.48E+06	1.455
				3742.000	6204	0	73470	0.0095	-0.0052	-0.0008	4.49E+06	1.465
				3743.000	6199	0	73470	0.0096	-0.0052	-0.0008	4.48E+06	1.470
				3744.000	6199	0	73501	0.0096	-0.0052	-0.0008	4.49E+06	1.481
				3745.000	6199	0	73548	0.0096	-0.0052	-0.0008	4.48E+06	1.483
				3746.000	6200	0	73548	0.0096	-0.0052	-0.0008	4.47E+06	1.483
				3747.000	6198	0	73579	0.0096	-0.0052	-0.0008	4.47E+06	1.480
				3748.000	6199	0	73595	0.0096	-0.0052	-0.0008	4.45E+06	1.475
				3749.000	6199	0	73595	0.0096	-0.0052	-0.0008	4.41E+06	1.469
				3750.000	6200	0	73657	0.0096	-0.0052	-0.0009	4.38E+06	1.467
				3751.000	6199	0	73657	0.0096	-0.0052	-0.0009	4.37E+06	1.469
				3752.000	6199	0	73673	0.0096	-0.0052	-0.0009	4.40E+06	1.480
				3753.000	6199	0	73688	0.0096	-0.0052	-0.0009	4.40E+06	1.481
				3754.000	6199	0	73719	0.0096	-0.0053	-0.0009	4.41E+06	1.490
				3755.000	6199	0	73735	0.0096	-0.0053	-0.0009	4.40E+06	1.490
				3756.000	6199	0	73735	0.0096	-0.0053	-0.0009	4.38E+06	1.482
				3757.000	6200	0	73797	0.0096	-0.0053	-0.0009	4.36E+06	1.481
				3758.000	6199	0	73797	0.0096	-0.0053	-0.0009	4.39E+06	1.491
				3759.000	6199	0	73844	0.0096	-0.0053	-0.0009	4.39E+06	1.496
				3760.000	6199	0	73891	0.0096	-0.0053	-0.0010	4.38E+06	1.490
				3760.990	6200	0	73875	0.0096	-0.0053	-0.0010	4.39E+06	1.489
				3761.990	6199	0	73891	0.0096	-0.0053	-0.0010	4.37E+06	1.488
				3762.990	6199	0	73937	0.0097	-0.0053	-0.0010	4.36E+06	1.484
				3763.990	6199	0	73937	0.0097	-0.0053	-0.0010	4.35E+06	1.485
				3764.990	6200	0	73953	0.0097	-0.0053	-0.0010	4.36E+06	1.491
				3765.990	6201	0	73984	0.0097	-0.0053	-0.0010	4.34E+06	1.494
				3766.990	6199	0	74000	0.0097	-0.0054	-0.0010	4.31E+06	1.489
				3767.990	6200	0	74031	0.0097	-0.0054	-0.0010	4.31E+06	1.494
				3768.990	6199	0	74046	0.0097	-0.0054	-0.0011	4.31E+06	1.501
				3769.990	6199	0	74077	0.0097	-0.0054	-0.0011	4.26E+06	1.495
				3770.990	6198	0	74093	0.0097	-0.0054	-0.0011	4.26E+06	1.497
				3771.990	6200	0	74155	0.0097	-0.0054	-0.0011	4.25E+06	1.504
				3772.990	6199	0	74140	0.0097	-0.0054	-0.0011	4.24E+06	1.503
				3773.990	6201	0	74155	0.0097	-0.0054	-0.0011	4.23E+06	1.505
				3774.990	6200	0	74171	0.0097	-0.0054	-0.0011	4.21E+06	1.507
				3775.990	6199	0	74202	0.0097	-0.0054	-0.0011	4.22E+06	1.513
				3776.990	6199	0	74233	0.0097	-0.0054	-0.0011	4.22E+06	1.519
				3777.990	6200	0	74249	0.0097	-0.0054	-0.0011	4.20E+06	1.518
				3778.990	6200	0	74280	0.0097	-0.0054	-0.0011	4.21E+06	1.533
				3779.990	6200	0	74295	0.0097	-0.0055	-0.0012	4.18E+06	1.528
				3780.990	6200	0	74342	0.0098	-0.0055	-0.0012	4.18E+06	1.535
				3781.990	6201	0	74342	0.0098	-0.0055	-0.0012	4.17E+06	1.548
				3782.990	6199	0	74373	0.0098	-0.0055	-0.0012	4.19E+06	1.559
				3783.990	6200	0	74389	0.0098	-0.0055	-0.0012	4.18E+06	1.564
				3784.990	6200	0	74420	0.0098	-0.0055	-0.0012	4.19E+06	1.569
				3785.990	6200	0	74451	0.0098	-0.0055	-0.0012	4.22E+06	1.580
				3786.990	6200	0	74436	0.0098	-0.0055	-0.0012	4.23E+06	1.589
				3787.990	6201	0	74482	0.0098	-0.0055	-0.0012	4.22E+06	1.597
				3788.990	6200	0	74482	0.0098	-0.0055	-0.0013	4.20E+06	1.592
				3789.990	6200	0	74513	0.0098	-0.0055	-0.0013	4.19E+06	1.604
				3790.990	6199	0	74529	0.0098	-0.0055	-0.0013	4.19E+06	1.617
				3791.990	6200	0	74545	0.0098	-0.0055	-0.0013	4.17E+06	1.617
				3792.980	6200	0	74560	0.0098	-0.0056	-0.0013	4.18E+06	1.629
				3793.980	6199	0	74607	0.0098	-0.0056	-0.0013	4.17E+06	1.634
				3794.980	6199	0	74591	0.0098	-0.0056	-0.0013	4.18E+06	1.648
				3795.980	6199	0	74638	0.0098	-0.0056	-0.0013	4.16E+06	1.651
				3796.980	6199	0	74638	0.0098	-0.0056	-0.0014	4.17E+06	1.662
				3797.980	6199	0	74700	0.0098	-0.0056	-0.0014	4.16E+06	1.661
				3798.980	6200	0	74700	0.0098	-0.0056	-0.0014	4.14E+06	1.663
				3799.980	6199	0	74731	0.0098	-0.0056	-0.0014	4.10E+06	1.659
				3800.980	6200	0	74747	0.0098	-0.0056	-0.0014	4.07E+06	1.659
				3801.980	6201	0	74778	0.0099	-0.0056	-0.0014	4.05E+06	1.661
				3802.980	6200	0	74809	0.0099	-0.0056	-0.0014	4.03E+06	1.663
				3803.980	6200	0	74794	0.0099	-0.0057	-0.0014	4.04E+06	1.674
				3804.980	6199	0	74840	0.0099	-0.0057	-0.0014	4.02E+06	1.679
				3805.980	6201	0	74856	0.0099	-0.0057	-0.0015	4.01E+06	1.683
				3806.980	6199	0	74856	0.0099	-0.0057	-0.0015	4.00E+06	1.682
				3807.980	6200	0	74903	0.0099	-0.0057	-0.0015	3.99E+06	1.687
				3808.980	6199	0	74918	0.0099	-0.0057	-0.0015	3.99E+06	1.693
				3809.980	6199	0	74949	0.0099	-0.0057	-0.0015	4.00E+06	1.701
				3810.980	6199	0	74949	0.0099	-0.0057	-0.0015	3.98E+06	1.701
				3811.980	6199	0	74980	0.0099	-0.0057	-0.0015	3.99E+06	1.704

3812.980	6199	0	74980	0.0099	-0.0057	-0.0015	3.96E+06	1.703
3813.980	6200	0	75012	0.0099	-0.0057	-0.0015	3.94E+06	1.700
3814.980	6199	0	74996	0.0099	-0.0057	-0.0016	3.92E+06	1.701
3815.980	6200	0	75043	0.0099	-0.0058	-0.0016	3.93E+06	1.710
3816.980	6200	0	75074	0.0099	-0.0058	-0.0016	3.91E+06	1.704
3817.980	6199	0	75089	0.0099	-0.0058	-0.0016	3.87E+06	1.703
3818.980	6200	0	75105	0.0099	-0.0058	-0.0016	3.86E+06	1.702
3819.980	6199	0	75136	0.0099	-0.0058	-0.0016	3.81E+06	1.691
3820.980	6200	0	75136	0.0100	-0.0058	-0.0016	3.78E+06	1.689
3821.980	6200	0	75167	0.0100	-0.0058	-0.0017	3.78E+06	1.693
3822.980	6200	0	75183	0.0100	-0.0058	-0.0017	3.76E+06	1.693
3823.970	6199	0	75198	0.0100	-0.0058	-0.0017	3.75E+06	1.699
3824.970	6200	0	75214	0.0100	-0.0058	-0.0017	3.73E+06	1.699
3825.970	6199	0	75230	0.0100	-0.0058	-0.0017	3.67E+06	1.680
3826.970	6200	0	75245	0.0100	-0.0058	-0.0017	3.68E+06	1.690
3827.970	6199	0	75276	0.0100	-0.0059	-0.0017	3.67E+06	1.694
3828.970	6199	0	75292	0.0100	-0.0059	-0.0017	3.67E+06	1.693
3829.970	6200	0	75292	0.0100	-0.0059	-0.0018	3.68E+06	1.702
3830.970	6200	0	75323	0.0100	-0.0059	-0.0018	3.67E+06	1.704
3831.970	6200	0	75354	0.0100	-0.0059	-0.0018	3.65E+06	1.693
3832.970	6200	0	75370	0.0100	-0.0059	-0.0018	3.66E+06	1.704
3833.970	6199	0	75401	0.0100	-0.0059	-0.0018	3.66E+06	1.708
3834.970	6199	0	75401	0.0100	-0.0059	-0.0018	3.68E+06	1.721
3835.970	6200	0	75401	0.0100	-0.0059	-0.0018	3.70E+06	1.725
3836.970	6199	0	75448	0.0100	-0.0059	-0.0018	3.73E+06	1.742
3837.970	6200	0	75463	0.0100	-0.0059	-0.0018	3.72E+06	1.738
3838.970	6200	0	75479	0.0100	-0.0060	-0.0019	3.72E+06	1.748
3839.970	6200	0	75494	0.0100	-0.0060	-0.0019	3.71E+06	1.745
3840.970	6199	0	75525	0.0100	-0.0060	-0.0019	3.70E+06	1.762
3841.970	6200	0	75557	0.0101	-0.0060	-0.0019	3.72E+06	1.772
3842.970	6199	0	75525	0.0101	-0.0060	-0.0019	3.72E+06	1.782
3843.970	6200	0	75588	0.0101	-0.0060	-0.0019	3.71E+06	1.779
3844.970	6200	0	75572	0.0101	-0.0060	-0.0019	3.71E+06	1.785
3845.970	6199	0	75619	0.0101	-0.0060	-0.0019	3.72E+06	1.791
3846.970	6200	0	75650	0.0101	-0.0060	-0.0020	3.74E+06	1.800
3847.970	6199	0	75650	0.0101	-0.0060	-0.0020	3.75E+06	1.812
3848.970	6199	0	75650	0.0101	-0.0060	-0.0020	3.75E+06	1.813
3849.970	6199	0	75681	0.0101	-0.0060	-0.0020	3.69E+06	1.794
3850.970	6201	0	75697	0.0101	-0.0061	-0.0020	3.70E+06	1.802
3851.970	6199	0	75712	0.0101	-0.0061	-0.0020	3.71E+06	1.814
3852.970	6199	0	75712	0.0101	-0.0061	-0.0020	3.71E+06	1.824
3853.970	6199	0	75774	0.0101	-0.0061	-0.0021	3.71E+06	1.824
3854.960	6199	0	75790	0.0101	-0.0061	-0.0021	3.71E+06	1.832
3855.960	6200	0	75774	0.0101	-0.0061	-0.0021	3.66E+06	1.817
3856.960	6199	0	75852	0.0101	-0.0061	-0.0021	3.66E+06	1.824
3857.960	6201	0	75837	0.0101	-0.0061	-0.0021	3.66E+06	1.833
3858.960	6202	0	75852	0.0101	-0.0061	-0.0021	3.64E+06	1.832
3859.960	6200	0	75883	0.0101	-0.0061	-0.0021	3.65E+06	1.841
3860.960	6199	0	75899	0.0102	-0.0061	-0.0021	3.67E+06	1.854
3861.960	6199	0	75915	0.0101	-0.0062	-0.0022	3.64E+06	1.858
3862.960	6200	0	75915	0.0102	-0.0062	-0.0022	3.63E+06	1.860
3863.960	6201	0	75930	0.0102	-0.0062	-0.0022	3.64E+06	1.866
3864.960	6200	0	75961	0.0102	-0.0062	-0.0022	3.64E+06	1.875
3865.960	6199	0	75946	0.0102	-0.0062	-0.0022	3.65E+06	1.888
3866.960	6199	0	76008	0.0102	-0.0062	-0.0022	3.67E+06	1.899
3867.960	6200	0	75992	0.0102	-0.0062	-0.0023	3.66E+06	1.894
3868.960	6199	0	76055	0.0102	-0.0062	-0.0023	3.65E+06	1.903
3869.960	6199	0	76055	0.0102	-0.0062	-0.0023	3.67E+06	1.912
3870.960	6201	0	76070	0.0102	-0.0062	-0.0023	3.63E+06	1.907
3871.960	6199	0	76117	0.0102	-0.0063	-0.0023	3.65E+06	1.909
3872.960	6200	0	76101	0.0102	-0.0063	-0.0023	3.65E+06	1.911
3873.960	6199	0	76133	0.0102	-0.0063	-0.0023	3.62E+06	1.905
3874.960	6200	0	76133	0.0102	-0.0063	-0.0023	3.59E+06	1.905
3875.960	6199	0	76179	0.0102	-0.0063	-0.0024	3.58E+06	1.911
3876.960	6199	0	76179	0.0102	-0.0063	-0.0024	3.54E+06	1.896
3877.960	6200	0	76179	0.0102	-0.0063	-0.0024	3.55E+06	1.911
3878.960	6199	0	76242	0.0102	-0.0063	-0.0024	3.55E+06	1.919
3879.960	6199	0	76226	0.0102	-0.0063	-0.0024	3.54E+06	1.915
3880.960	6199	0	76273	0.0103	-0.0063	-0.0024	3.56E+06	1.930
3881.960	6199	0	76273	0.0103	-0.0063	-0.0024	3.55E+06	1.940
3882.960	6200	0	76257	0.0103	-0.0064	-0.0025	3.52E+06	1.931
3883.960	6199	0	76288	0.0103	-0.0064	-0.0025	3.50E+06	1.932
3884.960	6199	0	76335	0.0103	-0.0064	-0.0025	3.46E+06	1.922
3885.950	6199	0	76335	0.0103	-0.0064	-0.0025	3.47E+06	1.927
3886.950	6199	0	76351	0.0103	-0.0064	-0.0025	3.47E+06	1.930
3887.950	6200	0	76366	0.0103	-0.0064	-0.0025	3.48E+06	1.945

3888.950	6200	0	76397	0.0103	-0.0064	-0.0026	3.46E+06	1.942
3889.950	6200	0	76397	0.0103	-0.0064	-0.0026	3.47E+06	1.954
3890.950	6200	0	76428	0.0103	-0.0064	-0.0026	3.46E+06	1.955
3891.950	6200	0	76460	0.0103	-0.0064	-0.0026	3.41E+06	1.948
3892.950	6199	0	76475	0.0103	-0.0065	-0.0026	3.43E+06	1.963
3893.950	6199	0	76475	0.0103	-0.0065	-0.0026	3.42E+06	1.972
3894.950	6200	0	76506	0.0103	-0.0065	-0.0026	3.43E+06	1.974
3895.950	6199	0	76506	0.0103	-0.0065	-0.0027	3.44E+06	1.984
3896.950	6200	0	76584	0.0103	-0.0065	-0.0027	3.45E+06	1.991
3897.950	6200	0	76553	0.0103	-0.0065	-0.0027	3.46E+06	1.991
3898.950	6199	0	76553	0.0103	-0.0065	-0.0027	3.46E+06	2.004
3899.950	6199	0	76584	0.0104	-0.0065	-0.0027	3.46E+06	2.007
3900.950	6199	0	76584	0.0103	-0.0065	-0.0027	3.42E+06	1.989
3901.950	6200	0	76615	0.0104	-0.0065	-0.0027	3.44E+06	1.996
3902.950	6199	0	76646	0.0104	-0.0066	-0.0028	3.45E+06	2.005
3903.950	6199	0	76677	0.0104	-0.0066	-0.0028	3.44E+06	2.003
3904.950	6199	0	76677	0.0104	-0.0066	-0.0028	3.43E+06	2.001
3905.950	6200	0	76693	0.0104	-0.0066	-0.0028	3.46E+06	2.016
3906.950	6199	0	76693	0.0104	-0.0066	-0.0028	3.43E+06	2.004
3907.950	6199	0	76709	0.0104	-0.0066	-0.0028	3.44E+06	2.011
3908.950	6201	0	76709	0.0104	-0.0066	-0.0028	3.43E+06	2.009
3909.950	6200	0	76740	0.0104	-0.0066	-0.0029	3.39E+06	1.994
3910.950	6199	0	76786	0.0104	-0.0066	-0.0029	3.41E+06	2.006
3911.950	6200	0	76786	0.0104	-0.0066	-0.0029	3.41E+06	2.016
3912.950	6200	0	76802	0.0104	-0.0067	-0.0029	3.40E+06	2.016
3913.950	6200	0	76818	0.0104	-0.0067	-0.0029	3.39E+06	2.011
3914.950	6201	0	76833	0.0104	-0.0067	-0.0029	3.39E+06	2.018
3915.950	6201	0	76864	0.0104	-0.0067	-0.0030	3.38E+06	2.022
3916.950	6199	0	76849	0.0104	-0.0067	-0.0030	3.40E+06	2.038
3917.940	6200	0	76911	0.0104	-0.0067	-0.0030	3.40E+06	2.048
3918.940	6199	0	76911	0.0104	-0.0067	-0.0030	3.37E+06	2.036
3919.940	6200	0	76942	0.0104	-0.0067	-0.0030	3.34E+06	2.032
3920.940	6199	0	76958	0.0104	-0.0067	-0.0030	3.34E+06	2.033
3921.940	6199	0	76973	0.0104	-0.0068	-0.0031	3.34E+06	2.036
3922.940	6199	0	76989	0.0105	-0.0068	-0.0031	3.35E+06	2.035
3923.940	6200	0	76989	0.0105	-0.0068	-0.0031	3.34E+06	2.039
3924.940	6199	0	77004	0.0105	-0.0068	-0.0031	3.31E+06	2.031
3925.940	6199	0	77036	0.0105	-0.0068	-0.0031	3.30E+06	2.023
3926.940	6199	0	77067	0.0105	-0.0068	-0.0031	3.31E+06	2.033
3927.940	6199	0	77082	0.0105	-0.0068	-0.0031	3.31E+06	2.028
3928.940	6201	0	77098	0.0105	-0.0068	-0.0032	3.31E+06	2.030
3929.940	6199	0	77098	0.0105	-0.0068	-0.0032	3.35E+06	2.044
3930.940	6200	0	77145	0.0105	-0.0068	-0.0032	3.34E+06	2.042
3931.940	6199	0	77113	0.0105	-0.0069	-0.0032	3.37E+06	2.058
3932.940	6201	0	77176	0.0105	-0.0069	-0.0032	3.39E+06	2.067
3933.940	6200	0	77191	0.0105	-0.0069	-0.0032	3.36E+06	2.050
3934.940	6200	0	77207	0.0105	-0.0069	-0.0033	3.31E+06	2.046
3935.940	6199	0	77207	0.0105	-0.0069	-0.0033	3.28E+06	2.041
3936.940	6199	0	77207	0.0105	-0.0069	-0.0033	3.27E+06	2.038
3937.940	6199	0	77238	0.0105	-0.0069	-0.0033	3.27E+06	2.043
3938.940	6200	0	77269	0.0105	-0.0069	-0.0033	3.26E+06	2.046
3939.940	6201	0	77269	0.0105	-0.0069	-0.0033	3.25E+06	2.047
3940.940	6200	0	77285	0.0106	-0.0070	-0.0034	3.24E+06	2.060
3941.940	6200	0	77300	0.0105	-0.0070	-0.0034	3.24E+06	2.069
3942.940	6199	0	77300	0.0106	-0.0070	-0.0034	3.20E+06	2.061
3943.940	6199	0	77331	0.0106	-0.0070	-0.0034	3.20E+06	2.075
3944.940	6200	0	77331	0.0106	-0.0070	-0.0034	3.19E+06	2.081
3945.940	6200	0	77363	0.0106	-0.0070	-0.0034	3.17E+06	2.083
3946.940	6200	0	77425	0.0106	-0.0070	-0.0035	3.16E+06	2.089
3947.940	6200	0	77394	0.0106	-0.0070	-0.0035	3.15E+06	2.096
3948.930	6200	0	77425	0.0106	-0.0070	-0.0035	3.12E+06	2.100
3949.930	6199	0	77440	0.0106	-0.0071	-0.0035	3.09E+06	2.106
3950.930	6200	0	77487	0.0106	-0.0071	-0.0035	3.06E+06	2.113
3951.930	6200	0	77503	0.0106	-0.0071	-0.0036	3.02E+06	2.104
3952.930	6201	0	77534	0.0106	-0.0071	-0.0036	3.00E+06	2.112
3953.930	6199	0	77534	0.0106	-0.0071	-0.0036	2.97E+06	2.119
3954.930	6200	0	77565	0.0106	-0.0071	-0.0036	2.94E+06	2.110
3955.930	6199	0	77565	0.0106	-0.0071	-0.0036	2.91E+06	2.115
3956.930	6199	0	77612	0.0106	-0.0071	-0.0036	2.89E+06	2.115
3957.930	6199	0	77627	0.0106	-0.0072	-0.0037	2.84E+06	2.115
3958.930	6199	0	77643	0.0107	-0.0072	-0.0037	2.81E+06	2.118
3959.930	6200	0	77612	0.0107	-0.0072	-0.0037	2.79E+06	2.127
3960.930	6199	0	77627	0.0107	-0.0072	-0.0037	2.76E+06	2.128
3961.930	6199	0	77658	0.0107	-0.0072	-0.0037	2.73E+06	2.145
3962.930	6199	0	77705	0.0107	-0.0072	-0.0038	2.72E+06	2.169
3963.930	6199	0	77689	0.0107	-0.0072	-0.0038	2.70E+06	2.175

3964.930	6200	0	77736	0.0107	-0.0072	-0.0038	2.65E+06	2.161
3965.930	6199	0	77705	0.0107	-0.0072	-0.0038	2.62E+06	2.173
3966.930	6200	0	77736	0.0107	-0.0073	-0.0038	2.59E+06	2.184
3967.930	6200	0	77752	0.0107	-0.0073	-0.0038	2.56E+06	2.206
3968.930	6199	0	77752	0.0107	-0.0073	-0.0039	2.51E+06	2.216
3969.930	6199	0	77783	0.0107	-0.0073	-0.0039	2.45E+06	2.205
3970.930	6199	0	77783	0.0107	-0.0073	-0.0039	2.38E+06	2.190
3971.930	6200	0	77783	0.0107	-0.0073	-0.0039	2.35E+06	2.195
3972.930	6199	0	77814	0.0107	-0.0073	-0.0039	2.33E+06	2.204
3973.930	6199	0	77798	0.0107	-0.0073	-0.0040	2.31E+06	2.208
3974.930	6200	0	77814	0.0107	-0.0074	-0.0040	2.30E+06	2.230
3975.930	6200	0	77830	0.0107	-0.0074	-0.0040	2.25E+06	2.218
3976.930	6199	0	77845	0.0108	-0.0074	-0.0040	2.23E+06	2.218
3977.930	6200	0	77845	0.0107	-0.0074	-0.0040	2.21E+06	2.227
3978.930	6199	0	77830	0.0108	-0.0074	-0.0040	2.20E+06	2.225
3979.920	6200	0	77907	0.0108	-0.0074	-0.0040	2.18E+06	2.228
3980.920	6200	0	77876	0.0108	-0.0074	-0.0041	2.17E+06	2.233
3981.920	6201	0	77907	0.0108	-0.0074	-0.0041	2.16E+06	2.229
3982.920	6199	0	77907	0.0108	-0.0074	-0.0041	2.16E+06	2.231
3983.920	6200	0	77923	0.0108	-0.0074	-0.0041	2.17E+06	2.243
3984.920	6198	0	77892	0.0108	-0.0075	-0.0041	2.17E+06	2.234
3985.920	6199	0	77939	0.0108	-0.0075	-0.0042	2.16E+06	2.235
3986.920	6199	0	77907	0.0108	-0.0075	-0.0042	2.16E+06	2.245
3987.920	6200	0	77954	0.0108	-0.0075	-0.0042	2.14E+06	2.235
3988.920	6199	0	78001	0.0108	-0.0075	-0.0042	2.16E+06	2.230
3989.920	6200	0	77970	0.0108	-0.0075	-0.0042	2.17E+06	2.235
3990.920	6199	0	77970	0.0108	-0.0075	-0.0042	2.19E+06	2.240
3991.920	6199	0	78001	0.0108	-0.0075	-0.0043	2.20E+06	2.242
3992.920	6198	0	77970	0.0108	-0.0075	-0.0043	2.21E+06	2.252
3993.920	6199	0	77985	0.0108	-0.0076	-0.0043	2.20E+06	2.244
3994.920	6200	0	78016	0.0108	-0.0076	-0.0043	2.22E+06	2.252
3995.920	6199	0	78032	0.0108	-0.0076	-0.0043	2.25E+06	2.264
3996.920	6201	0	78048	0.0108	-0.0076	-0.0043	2.24E+06	2.253
3997.920	6199	0	78048	0.0108	-0.0076	-0.0044	2.25E+06	2.264
3998.920	6199	0	78110	0.0108	-0.0076	-0.0044	2.27E+06	2.268
3999.920	6199	0	78079	0.0108	-0.0076	-0.0044	2.27E+06	2.274
4000.920	6199	0	78094	0.0109	-0.0076	-0.0044	2.25E+06	2.268
4001.920	6199	0	78110	0.0109	-0.0076	-0.0044	2.26E+06	2.277
4002.920	6199	0	78094	0.0109	-0.0077	-0.0044	2.25E+06	2.264
4003.920	6199	0	78125	0.0109	-0.0077	-0.0045	2.26E+06	2.277
4004.920	6201	0	78125	0.0109	-0.0077	-0.0045	2.25E+06	2.283
4005.920	6199	0	78141	0.0109	-0.0077	-0.0045	2.26E+06	2.271
4006.920	6199	0	78172	0.0109	-0.0077	-0.0045	2.25E+06	2.273
4007.920	6199	0	78157	0.0109	-0.0077	-0.0045	2.25E+06	2.273
4008.920	6199	0	78157	0.0109	-0.0077	-0.0045	2.26E+06	2.268
4009.920	6199	0	78203	0.0109	-0.0077	-0.0046	2.26E+06	2.262
4010.920	6199	0	78203	0.0109	-0.0077	-0.0046	2.26E+06	2.272
4011.910	6199	0	78219	0.0109	-0.0078	-0.0046	2.27E+06	2.279
4012.910	6199	0	78219	0.0109	-0.0078	-0.0046	2.26E+06	2.278
4013.910	6199	0	78250	0.0109	-0.0078	-0.0046	2.28E+06	2.315
4014.910	6201	0	78250	0.0109	-0.0078	-0.0046	2.29E+06	2.316
4015.910	6199	0	78266	0.0109	-0.0078	-0.0047	2.28E+06	2.305
4016.910	6199	0	78281	0.0109	-0.0078	-0.0047	2.27E+06	2.311
4017.910	6199	0	78281	0.0109	-0.0078	-0.0047	2.27E+06	2.308
4018.910	6199	0	78266	0.0110	-0.0078	-0.0047	2.26E+06	2.315
4019.910	6199	0	78312	0.0109	-0.0078	-0.0047	2.24E+06	2.323
4020.910	6200	0	78312	0.0109	-0.0078	-0.0047	2.22E+06	2.313
4021.910	6199	0	78328	0.0110	-0.0079	-0.0048	2.19E+06	2.304
4022.910	6200	0	78312	0.0110	-0.0079	-0.0048	2.19E+06	2.314
4023.910	6201	0	78343	0.0110	-0.0079	-0.0048	2.18E+06	2.323
4024.910	6200	0	78343	0.0110	-0.0079	-0.0048	2.18E+06	2.315
4025.910	6199	0	78343	0.0110	-0.0079	-0.0048	2.18E+06	2.320
4026.910	6200	0	78374	0.0110	-0.0079	-0.0049	2.16E+06	2.317
4027.910	6200	0	78374	0.0110	-0.0079	-0.0049	2.14E+06	2.321
4028.910	6200	0	78390	0.0110	-0.0079	-0.0049	2.14E+06	2.335
4029.910	6199	0	78390	0.0110	-0.0080	-0.0049	2.12E+06	2.330
4030.910	6200	0	78421	0.0110	-0.0080	-0.0049	2.09E+06	2.314
4031.910	6199	0	78406	0.0110	-0.0080	-0.0049	2.09E+06	2.329
4032.910	6199	0	78421	0.0110	-0.0080	-0.0050	2.10E+06	2.333
4033.910	6200	0	78468	0.0110	-0.0080	-0.0050	2.07E+06	2.326
4034.910	6200	0	78468	0.0110	-0.0080	-0.0050	2.06E+06	2.337
4035.910	6201	0	78484	0.0110	-0.0080	-0.0050	2.05E+06	2.336
4036.910	6199	0	78484	0.0110	-0.0080	-0.0050	2.03E+06	2.334
4037.910	6199	0	78499	0.0110	-0.0080	-0.0050	2.03E+06	2.355
4038.910	6199	0	78484	0.0110	-0.0081	-0.0051	2.02E+06	2.352
4039.910	6200	0	78499	0.0110	-0.0081	-0.0051	2.01E+06	2.347

				4040.910	6201	0	78530	0.0110	-0.0081	-0.0051	2.00E+06	2.356
				4041.910	6199	0	78530	0.0111	-0.0081	-0.0051	2.01E+06	2.371
				4042.900	6201	0	78546	0.0111	-0.0081	-0.0051	2.01E+06	2.372
				4043.900	6200	0	78561	0.0111	-0.0081	-0.0052	2.00E+06	2.378
				4044.900	6200	0	78546	0.0111	-0.0081	-0.0052	1.96E+06	2.374
				4045.900	6199	0	78577	0.0111	-0.0081	-0.0052	1.95E+06	2.377
				4046.900	6200	0	78561	0.0111	-0.0081	-0.0052	1.93E+06	2.376
				4047.900	6203	0	78577	0.0111	-0.0082	-0.0052	1.91E+06	2.368
				4048.900	6200	0	78592	0.0111	-0.0082	-0.0052	1.89E+06	2.376
				4049.900	6199	0	78608	0.0111	-0.0082	-0.0053	1.87E+06	2.381
				4050.900	6199	0	78608	0.0111	-0.0082	-0.0053	1.86E+06	2.381
				4051.900	6200	0	78608	0.0111	-0.0082	-0.0053	1.83E+06	2.389
				4052.900	6199	0	78608	0.0111	-0.0082	-0.0053	1.82E+06	2.402
				4053.900	6200	0	78639	0.0111	-0.0082	-0.0053	1.84E+06	2.381
				4054.900	6199	0	78639	0.0111	-0.0082	-0.0054	1.92E+06	2.371
				4055.900	6199	0	78670	0.0111	-0.0083	-0.0054	2.02E+06	2.368
				4056.900	6199	0	78670	0.0111	-0.0083	-0.0054	2.15E+06	2.341
				4057.900	6199	0	78686	0.0111	-0.0083	-0.0054	2.31E+06	2.313
				4058.900	6199	0	78670	0.0111	-0.0083	-0.0054	2.47E+06	2.299
				4059.900	6199	0	78701	0.0111	-0.0083	-0.0055	2.66E+06	2.268
				4060.900	6201	0	78701	0.0112	-0.0083	-0.0055	2.81E+06	2.233
				4061.900	6199	0	78701	0.0112	-0.0083	-0.0055	2.95E+06	2.215
				4062.900	6200	0	78701	0.0111	-0.0083	-0.0055	3.06E+06	2.203
				4063.900	6200	0	78733	0.0112	-0.0083	-0.0055	3.14E+06	2.187
				4064.900	6200	0	78748	0.0112	-0.0084	-0.0056	3.21E+06	2.179
				4065.900	6199	0	78733	0.0112	-0.0084	-0.0056	3.19E+06	2.156
				4066.900	6199	0	78764	0.0112	-0.0084	-0.0056	3.06E+06	2.164
				4067.900	6199	0	78764	0.0112	-0.0084	-0.0056	2.85E+06	2.194
				4068.900	6199	0	78764	0.0112	-0.0084	-0.0056	2.53E+06	2.212
				4069.900	6199	0	78764	0.0112	-0.0084	-0.0057	2.16E+06	2.237
				4070.900	6201	0	78764	0.0112	-0.0084	-0.0057	1.75E+06	2.268
				4071.900	6201	0	78779	0.0112	-0.0084	-0.0057	1.25E+06	2.290
				4072.900	6199	0	78795	0.0112	-0.0085	-0.0057	7.58E+05	2.316
				4073.890	6199	0	78795	0.0112	-0.0085	-0.0057	3.24E+05	2.348
				4074.890	6199	0	78795	0.0112	-0.0085	-0.0057	-5.55E+04	2.375
				4075.890	6200	0	78842	0.0112	-0.0085	-0.0058	-3.85E+05	2.394
				4076.890	6199	0	78810	0.0112	-0.0085	-0.0058	-6.32E+05	2.416
				4077.890	6200	0	78826	0.0112	-0.0085	-0.0058	-8.45E+05	2.437
				4078.890	6200	0	78951	0.0113	-0.0085	-0.0058	-9.93E+05	2.463
				4079.890	6200	0	79060	0.0113	-0.0086	-0.0059	-1.07E+06	2.484
				4080.890	6200	0	79137	0.0113	-0.0086	-0.0059	-1.07E+06	2.499
				4081.890	6199	0	79246	0.0113	-0.0086	-0.0059	-1.02E+06	2.508
				4082.890	6201	0	79340	0.0113	-0.0086	-0.0060	-9.51E+05	2.540
				4083.890	6200	0	79386	0.0113	-0.0087	-0.0060	-8.34E+05	2.559
				4084.890	6199	0	79480	0.0113	-0.0087	-0.0061	-6.94E+05	2.565
				4085.890	6199	0	79511	0.0114	-0.0087	-0.0061	-5.08E+05	2.567
				4086.890	6199	0	79542	0.0114	-0.0088	-0.0062	-3.31E+05	2.577
				4087.890	6200	0	79573	0.0114	-0.0088	-0.0062	-1.34E+05	2.578
				4088.890	6199	0	79589	0.0114	-0.0088	-0.0063	9.45E+04	2.587
				4089.890	6200	0	79620	0.0114	-0.0089	-0.0063	3.28E+05	2.588
				4090.890	6200	0	79527	0.0114	-0.0089	-0.0063	4.72E+05	2.599
				4091.890	6199	0	79153	0.0114	-0.0089	-0.0064	5.08E+05	2.614
				4092.890	6199	0	78686	0.0114	-0.0089	-0.0065	4.93E+05	2.634
				4093.890	6199	0	78328	0.0114	-0.0089	-0.0065	4.15E+05	2.661
				4094.890	6199	0	77954	0.0114	-0.0089	-0.0065	2.98E+05	2.705
				4095.890	6200	0	77612	0.0114	-0.0089	-0.0065	9.83E+04	2.733
				4096.890	6199	0	77300	0.0114	-0.0089	-0.0065	-1.26E+05	2.777
				4097.890	6199	0	77036	0.0114	-0.0089	-0.0065	-4.01E+05	2.816
				4098.890	6200	0	76802	0.0114	-0.0089	-0.0065	-7.02E+05	2.864
				4099.890	6199	0	77067	0.0114	-0.0090	-0.0066	-1.02E+06	2.922
				4100.890	6200	0	77378	0.0114	-0.0090	-0.0066	-1.43E+06	2.987
				4101.890	6199	0	77689	0.0114	-0.0090	-0.0066	-1.90E+06	3.070
				4102.890	6199	0	77954	0.0114	-0.0090	-0.0066	-2.49E+06	3.170
				4103.890	6200	0	78188	0.0114	-0.0090	-0.0066	-3.20E+06	3.292
				4104.880	6199	0	78452	0.0114	-0.0090	-0.0066	-3.95E+06	3.397
				4105.880	6199	0	78686	0.0114	-0.0090	-0.0066	-5.33E+06	3.539
				4106.880	6200	0	78888	0.0114	-0.0090	-0.0067	-7.17E+06	3.751
				4107.880	6200	0	79013	0.0114	-0.0091	-0.0067	-8.85E+06	3.951
				4108.880	6199	0	79075	0.0114	-0.0091	-0.0067	-1.04E+07	4.135
				4109.880	6200	0	79137	0.0115	-0.0091	-0.0067	-1.17E+07	4.305
				4110.880	6200	0	79231	0.0115	-0.0091	-0.0068	-1.28E+07	4.448
				4111.880	6199	0	79278	0.0115	-0.0092	-0.0068	-1.39E+07	4.572
				4112.880	6200	0	79293	0.0115	-0.0092	-0.0069	-1.48E+07	4.697
				4113.880	6200	0	79355	0.0115	-0.0092	-0.0069	-1.55E+07	4.800
				4114.880	6199	0	79355	0.0115	-0.0092	-0.0070	-1.62E+07	4.881
				4115.880	6199	0	79153	0.0115	-0.0093	-0.0070	-1.67E+07	4.947

				4116.880	6198	0	78873	0.0115	-0.0093	-0.0071	-1.72E+07	5.004
				4117.880	6200	0	78686	0.0115	-0.0093	-0.0071	-1.77E+07	5.052
				4118.880	6199	0	78468	0.0115	-0.0093	-0.0071	-1.83E+07	5.149
				4119.880	6199	0	78250	0.0115	-0.0093	-0.0072	-1.90E+07	5.206
				4120.880	6200	0	78094	0.0115	-0.0094	-0.0072	-2.00E+07	5.292
				4121.880	6199	0	77892	0.0115	-0.0094	-0.0073	-2.12E+07	5.383
				4122.880	6199	0	77689	0.0115	-0.0094	-0.0073	-2.25E+07	5.467
				4123.880	6199	0	77503	0.0115	-0.0094	-0.0074	-2.43E+07	5.600
				4124.880	6200	0	77363	0.0115	-0.0095	-0.0074	-2.68E+07	5.824
				4125.880	6200	0	77207	0.0115	-0.0095	-0.0075	-2.93E+07	6.038
				4126.880	6200	0	77067	0.0115	-0.0095	-0.0075	-3.17E+07	6.242
				4127.880	6199	0	76895	0.0116	-0.0096	-0.0076	-3.44E+07	6.506
				4128.880	6199	0	76693	0.0116	-0.0097	-0.0077	-3.65E+07	6.695
				4129.880	6201	0	76444	0.0116	-0.0098	-0.0080	-3.87E+07	6.920
				4130.880	6200	0	75183	0.0116	-0.0100	-0.0084	-4.00E+07	7.061
				4131.880	6200	0	73610	0.0116	-0.0101	-0.0086	-4.09E+07	7.190
				4132.880	6200	0	72894	0.0116	-0.0101	-0.0086	-4.15E+07	7.314
				4133.880	6199	0	72536	0.0116	-0.0101	-0.0086	-4.15E+07	7.343
				4134.880	6199	0	72458	0.0116	-0.0101	-0.0087	-4.10E+07	7.301
				4135.880	6200	0	72536	0.0116	-0.0101	-0.0087	-4.04E+07	7.221
				4136.870	6202	0	72676	0.0116	-0.0102	-0.0088	-3.90E+07	7.019
				4137.870	6199	0	72816	0.0116	-0.0102	-0.0088	-3.77E+07	6.844
				4138.870	6200	0	72941	0.0116	-0.0102	-0.0088	-3.64E+07	6.636
				4139.870	6199	0	72894	0.0116	-0.0102	-0.0089	-3.47E+07	6.344
				4140.870	6199	0	72848	0.0116	-0.0103	-0.0089	-3.37E+07	6.163
				4141.870	6200	0	72770	0.0116	-0.0103	-0.0090	-3.29E+07	6.016
				4142.870	6199	0	72723	0.0116	-0.0103	-0.0090	-3.22E+07	5.868
				4143.870	6200	0	72692	0.0116	-0.0103	-0.0091	-3.16E+07	5.703
				4144.870	6199	0	72505	0.0116	-0.0104	-0.0091	-3.09E+07	5.540
				4145.870	6199	0	72116	0.0116	-0.0104	-0.0091	-3.06E+07	5.427
				4146.870	6199	0	71695	0.0117	-0.0104	-0.0092	-3.01E+07	5.302
				4147.870	6200	0	71322	0.0116	-0.0104	-0.0092	-2.94E+07	5.173
				4148.870	6199	0	71104	0.0116	-0.0105	-0.0093	-2.86E+07	5.030
				4149.870	6199	0	70886	0.0116	-0.0105	-0.0093	-2.69E+07	4.775
				4150.870	6199	0	70715	0.0116	-0.0105	-0.0093	-2.51E+07	4.529
				4151.870	6200	0	70559	0.0116	-0.0105	-0.0093	-2.29E+07	4.257
				4152.870	6200	0	70419	0.0116	-0.0105	-0.0094	-2.05E+07	3.974
				4153.870	6200	0	70606	0.0116	-0.0105	-0.0094	-1.80E+07	3.684
				4154.870	6199	0	71135	0.0116	-0.0105	-0.0094	-1.54E+07	3.395
				4155.870	6200	0	71618	0.0117	-0.0105	-0.0094	-1.33E+07	3.183
				4156.870	6200	0	71960	0.0117	-0.0106	-0.0095	-1.23E+07	3.051
				4157.870	6200	0	71944	0.0117	-0.0106	-0.0095	-1.17E+07	2.960
				4158.870	6199	0	71742	0.0117	-0.0106	-0.0095	-1.15E+07	2.886
				4159.870	6200	0	71462	0.0117	-0.0107	-0.0096	-1.16E+07	2.830
				4160.870	6199	0	71197	0.0117	-0.0107	-0.0096	-1.20E+07	2.789
				4161.870	6199	0	70964	0.0117	-0.0107	-0.0096	-1.23E+07	2.739
				4162.870	6201	0	70683	0.0117	-0.0107	-0.0097	-1.25E+07	2.692
				4163.870	6199	0	70388	0.0117	-0.0107	-0.0097	-1.27E+07	2.648
				4164.870	6201	0	70061	0.0118	-0.0107	-0.0097	-1.27E+07	2.603
				4165.870	6199	0	69718	0.0117	-0.0107	-0.0097	-1.24E+07	2.550
				4166.860	6199	0	69438	0.0117	-0.0107	-0.0097	-1.20E+07	2.484
				4167.860	6200	0	69173	0.0117	-0.0107	-0.0098	-1.12E+07	2.403
				4168.860	6200	0	68955	0.0117	-0.0107	-0.0098	-1.02E+07	2.324
				4169.860	6200	0	68815	0.0117	-0.0107	-0.0098	-9.01E+06	2.243
				4170.860	6199	0	68691	0.0117	-0.0107	-0.0098	-7.88E+06	2.178
				4171.860	6200	0	68675	0.0117	-0.0107	-0.0098	-6.71E+06	2.108
				4172.860	6201	0	69095	0.0117	-0.0108	-0.0098	-5.56E+06	2.019
				4173.860	6199	0	69500	0.0117	-0.0108	-0.0098	-4.69E+06	1.941
				4174.860	6200	0	69874	0.0118	-0.0108	-0.0098	-4.19E+06	1.889
				4175.860	6199	0	70216	0.0118	-0.0108	-0.0098	-3.98E+06	1.829
				4176.860	6200	0	70481	0.0118	-0.0108	-0.0098	-4.05E+06	1.797
				4177.860	6201	0	70606	0.0118	-0.0108	-0.0098	-4.34E+06	1.769
				4178.860	6201	0	70699	0.0118	-0.0108	-0.0099	-4.86E+06	1.755
				4179.860	6199	0	70746	0.0118	-0.0108	-0.0099	-5.38E+06	1.733
				4180.860	6200	0	70606	0.0118	-0.0109	-0.0099	-5.58E+06	1.711
				4181.860	6199	0	70201	0.0118	-0.0109	-0.0099	-5.44E+06	1.683
				4182.860	6199	0	69843	0.0118	-0.0109	-0.0099	-5.01E+06	1.656
				4183.860	6200	0	69485	0.0118	-0.0109	-0.0099	-4.39E+06	1.636
				4184.860	6199	0	69189	0.0118	-0.0109	-0.0099	-3.73E+06	1.612
				4185.860	6201	0	68909	0.0118	-0.0109	-0.0099	-2.87E+06	1.592
				4186.860	6199	0	68675	0.0118	-0.0109	-0.0099	-1.86E+06	1.557
				4187.860	6200	0	68426	0.0118	-0.0109	-0.0099	-8.54E+05	1.515
				4188.860	6200	0	68333	0.0118	-0.0109	-0.0100	8.61E+04	1.472
				4189.860	6199	0	68286	0.0118	-0.0109	-0.0100	8.94E+05	1.444
				4190.860	6200	0	68691	0.0118	-0.0109	-0.0100	1.51E+06	1.414
				4191.860	6201	0	69080	0.0118	-0.0109	-0.0100	1.94E+06	1.380



				4192.860	6200	0	69500	0.0118	-0.0109	-0.0100	2.03E+06	1.365
				4193.860	6200	0	69827	0.0118	-0.0109	-0.0100	1.88E+06	1.361
				4194.860	6199	0	70107	0.0119	-0.0109	-0.0100	1.52E+06	1.352
				4195.860	6201	0	70341	0.0119	-0.0109	-0.0100	1.06E+06	1.352
				4196.860	6199	0	70465	0.0119	-0.0110	-0.0100	4.24E+05	1.355
				4197.850	6199	0	70512	0.0119	-0.0110	-0.0101	-4.21E+05	1.367
				4198.850	6199	0	70341	0.0119	-0.0110	-0.0101	-1.13E+06	1.374
				4199.850	6200	0	69936	0.0119	-0.0110	-0.0101	-1.69E+06	1.392
				4200.850	6200	0	69516	0.0119	-0.0110	-0.0101	-2.05E+06	1.385
				4201.850	6200	0	69111	0.0119	-0.0110	-0.0101	-2.15E+06	1.385
				4202.850	6199	0	68753	0.0119	-0.0110	-0.0101	-2.02E+06	1.385
				4203.850	6201	0	68519	0.0119	-0.0110	-0.0101	-1.73E+06	1.382
				4204.850	6200	0	68286	0.0119	-0.0110	-0.0101	-1.29E+06	1.379
				4205.850	6199	0	68083	0.0119	-0.0110	-0.0101	-7.73E+05	1.368
				4206.850	6199	0	67974	0.0119	-0.0110	-0.0101	-2.04E+05	1.360
				4207.850	6199	0	68021	0.0119	-0.0110	-0.0101	2.62E+05	1.357
				4208.850	6199	0	68426	0.0119	-0.0110	-0.0101	7.61E+05	1.356
				4209.850	6201	0	68877	0.0119	-0.0110	-0.0101	1.19E+06	1.352
				4210.850	6200	0	69344	0.0119	-0.0110	-0.0101	1.52E+06	1.350
				4211.850	6199	0	69718	0.0119	-0.0110	-0.0101	1.75E+06	1.344
				4212.850	6200	0	69998	0.0120	-0.0111	-0.0102	1.88E+06	1.327
				4213.850	6202	0	70185	0.0120	-0.0111	-0.0102	1.88E+06	1.326
				4214.850	6200	0	70263	0.0120	-0.0111	-0.0102	1.79E+06	1.322
				4215.850	6199	0	70279	0.0120	-0.0111	-0.0102	1.60E+06	1.333
				4216.850	6201	0	70138	0.0120	-0.0111	-0.0102	1.45E+06	1.342
				4217.850	6200	0	69749	0.0120	-0.0111	-0.0102	1.36E+06	1.347
				4218.850	6202	0	69438	0.0120	-0.0111	-0.0103	1.28E+06	1.339
				4219.850	6199	0	69158	0.0120	-0.0111	-0.0103	1.30E+06	1.343
				4220.850	6199	0	68893	0.0120	-0.0111	-0.0103	1.41E+06	1.352
				4221.850	6199	0	68628	0.0120	-0.0111	-0.0103	1.54E+06	1.359
				4222.850	6199	0	68410	0.0120	-0.0111	-0.0103	1.63E+06	1.366
				4223.850	6199	0	68223	0.0120	-0.0111	-0.0103	1.61E+06	1.367
				4224.850	6197	0	67990	0.0120	-0.0111	-0.0103	1.52E+06	1.369
				4225.850	6199	0	67881	0.0120	-0.0111	-0.0103	1.41E+06	1.376
				4226.850	6199	0	68006	0.0120	-0.0111	-0.0103	1.18E+06	1.378
				4227.850	6200	0	68301	0.0120	-0.0112	-0.0103	8.34E+05	1.392
				4228.850	6199	0	68582	0.0120	-0.0112	-0.0103	3.60E+05	1.405
				4229.840	6199	0	68831	0.0120	-0.0112	-0.0103	-2.09E+05	1.418
				4230.840	6199	0	69095	0.0120	-0.0112	-0.0103	-9.09E+05	1.421
				4231.840	6200	0	69313	0.0120	-0.0112	-0.0103	-1.66E+06	1.437
				4232.840	6200	0	69500	0.0120	-0.0112	-0.0104	-2.48E+06	1.456
				4233.840	6199	0	69671	0.0120	-0.0112	-0.0104	-3.30E+06	1.484
				4234.840	6200	0	69780	0.0121	-0.0112	-0.0104	-3.79E+06	1.519
				4235.840	6200	0	69827	0.0121	-0.0112	-0.0104	-3.75E+06	1.542
				4236.840	6199	0	69874	0.0121	-0.0112	-0.0104	-3.06E+06	1.532
				4237.840	6200	0	69905	0.0121	-0.0113	-0.0104	-2.08E+06	1.509
				4238.840	6199	0	69952	0.0121	-0.0113	-0.0104	-1.03E+06	1.487
				4239.840	6199	0	69905	0.0121	-0.0113	-0.0105	-6.04E+04	1.439
				4240.840	6199	0	69874	0.0121	-0.0113	-0.0105	5.44E+05	1.421
				4241.840	6201	0	69594	0.0121	-0.0113	-0.0105	8.59E+05	1.414
				4242.840	6199	0	69313	0.0121	-0.0113	-0.0105	8.11E+05	1.403
				4243.840	6201	0	69033	0.0121	-0.0113	-0.0105	6.36E+05	1.402
				4244.840	6201	0	68815	0.0121	-0.0113	-0.0105	3.55E+05	1.407
				4245.840	6200	0	68597	0.0121	-0.0113	-0.0105	-1.26E+05	1.406
				4246.840	6199	0	68395	0.0121	-0.0113	-0.0105	-6.95E+05	1.414
				4247.840	6200	0	68161	0.0121	-0.0113	-0.0105	-1.32E+06	1.429
				4248.840	6200	0	67990	0.0121	-0.0113	-0.0105	-2.03E+06	1.436
				4249.840	6199	0	67819	0.0121	-0.0113	-0.0106	-2.74E+06	1.443
				4250.840	6199	0	67741	0.0121	-0.0113	-0.0106	-3.54E+06	1.456
				4251.840	6199	0	67616	0.0121	-0.0113	-0.0106	-4.37E+06	1.462
				4252.840	6199	0	67538	0.0121	-0.0113	-0.0106	-5.16E+06	1.487
				4253.840	6199	0	67492	0.0121	-0.0113	-0.0106	-5.65E+06	1.502
				4254.840	6199	0	67414	0.0121	-0.0113	-0.0106	-5.78E+06	1.507
				4255.840	6200	0	67429	0.0121	-0.0113	-0.0106	-5.64E+06	1.512
				4256.840	6199	0	67647	0.0121	-0.0114	-0.0106	-5.17E+06	1.509
				4257.840	6199	0	68146	0.0121	-0.0114	-0.0106	-4.38E+06	1.491
				4258.840	6200	0	68644	0.0121	-0.0114	-0.0106	-3.55E+06	1.479
				4259.830	6199	0	69064	0.0122	-0.0114	-0.0106	-2.77E+06	1.465
				4260.830	6199	0	69391	0.0122	-0.0114	-0.0106	-2.12E+06	1.456
				4261.830	6201	0	69531	0.0122	-0.0114	-0.0106	-1.58E+06	1.451
				4262.830	6199	0	69656	0.0122	-0.0114	-0.0107	-1.15E+06	1.443
				4263.830	6200	0	69625	0.0122	-0.0115	-0.0107	-8.54E+05	1.424
				4264.830	6199	0	69469	0.0123	-0.0115	-0.0107	-5.65E+05	1.420
				4265.830	6199	0	69002	0.0122	-0.0115	-0.0107	-3.97E+05	1.414
				4266.830	6200	0	68582	0.0122	-0.0115	-0.0107	-2.86E+05	1.412
				4267.830	6200	0	68130	0.0122	-0.0115	-0.0108	-2.64E+05	1.410

				4268.830	6200	0	67756	0.0122	-0.0115	-0.0108	-2.66E+05	1.415
				4269.830	6199	0	67429	0.0122	-0.0115	-0.0108	-4.15E+05	1.409
				4270.830	6199	0	67134	0.0122	-0.0115	-0.0108	-5.68E+05	1.412
				4271.830	6199	0	66869	0.0122	-0.0115	-0.0108	-7.54E+05	1.424
				4272.830	6199	0	66620	0.0122	-0.0115	-0.0108	-1.03E+06	1.424
				4273.830	6199	0	66495	0.0122	-0.0115	-0.0108	-1.34E+06	1.432
				4274.830	6200	0	66604	0.0122	-0.0115	-0.0108	-1.75E+06	1.436
				4275.830	6199	0	66962	0.0122	-0.0115	-0.0108	-2.22E+06	1.440
				4276.830	6199	0	67383	0.0123	-0.0115	-0.0108	-2.78E+06	1.447
				4277.830	6199	0	67741	0.0122	-0.0115	-0.0108	-3.42E+06	1.460
				4278.830	6200	0	68052	0.0123	-0.0115	-0.0108	-4.10E+06	1.469
				4279.830	6199	0	68348	0.0123	-0.0116	-0.0108	-4.85E+06	1.485
				4280.830	6201	0	68597	0.0123	-0.0116	-0.0109	-5.75E+06	1.507
				4281.830	6199	0	68815	0.0123	-0.0116	-0.0109	-6.71E+06	1.521
				4282.830	6201	0	68893	0.0123	-0.0116	-0.0109	-7.81E+06	1.554
				4283.830	6199	0	68753	0.0123	-0.0116	-0.0109	-8.60E+06	1.579
				4284.830	6201	0	68566	0.0123	-0.0116	-0.0109	-9.06E+06	1.590
				4285.830	6200	0	68395	0.0123	-0.0116	-0.0110	-9.22E+06	1.608
				4286.830	6199	0	68192	0.0123	-0.0117	-0.0110	-9.06E+06	1.618
				4287.830	6201	0	68052	0.0123	-0.0117	-0.0110	-8.66E+06	1.604
				4288.830	6199	0	67865	0.0124	-0.0117	-0.0110	-8.09E+06	1.597
				4289.830	6199	0	67694	0.0124	-0.0117	-0.0110	-7.42E+06	1.586
				4290.830	6199	0	67523	0.0124	-0.0117	-0.0110	-6.84E+06	1.561
				4291.830	6201	0	67367	0.0124	-0.0117	-0.0110	-6.29E+06	1.547
				4292.820	6199	0	67227	0.0124	-0.0117	-0.0110	-5.81E+06	1.543
				4293.820	6199	0	67118	0.0124	-0.0117	-0.0111	-5.39E+06	1.528
				4294.820	6200	0	66994	0.0124	-0.0117	-0.0110	-5.09E+06	1.523
				4295.820	6199	0	66853	0.0124	-0.0117	-0.0111	-4.89E+06	1.513
				4296.820	6201	0	66744	0.0124	-0.0117	-0.0111	-4.76E+06	1.496
				4297.820	6200	0	66651	0.0124	-0.0117	-0.0111	-4.91E+06	1.497
				4298.820	6200	0	66558	0.0124	-0.0117	-0.0111	-5.30E+06	1.504
				4299.820	6200	0	66464	0.0124	-0.0117	-0.0111	-5.75E+06	1.496
				4300.820	6199	0	66402	0.0124	-0.0117	-0.0111	-6.16E+06	1.486
				4301.820	6201	0	66308	0.0124	-0.0117	-0.0111	-6.28E+06	1.474
				4302.820	6199	0	66277	0.0124	-0.0117	-0.0111	-5.87E+06	1.436
				4303.820	6201	0	66184	0.0124	-0.0117	-0.0111	-5.39E+06	1.427
				4304.820	6200	0	66153	0.0124	-0.0118	-0.0111	-4.68E+06	1.417
				4305.820	6199	0	66106	0.0124	-0.0118	-0.0111	-3.57E+06	1.369
				4306.820	6199	0	66091	0.0124	-0.0118	-0.0111	-2.51E+06	1.336
				4307.820	6201	0	66059	0.0124	-0.0118	-0.0111	-1.45E+06	1.307
				4308.820	6200	0	66044	0.0124	-0.0118	-0.0111	-7.64E+05	1.280
				4309.820	6199	0	66013	0.0124	-0.0118	-0.0111	-3.93E+05	1.271
				4310.820	6199	0	66013	0.0124	-0.0118	-0.0112	-2.17E+05	1.258
				4311.820	6199	0	66044	0.0124	-0.0118	-0.0112	-2.16E+05	1.243
				4312.820	6200	0	66153	0.0124	-0.0118	-0.0112	-3.38E+05	1.232
				4313.820	6200	0	66277	0.0124	-0.0118	-0.0112	-5.60E+05	1.228
				4314.820	6199	0	66417	0.0124	-0.0118	-0.0112	-9.35E+05	1.217
				4315.820	6201	0	66511	0.0124	-0.0118	-0.0112	-1.31E+06	1.217
				4316.820	6199	0	66667	0.0124	-0.0118	-0.0112	-1.74E+06	1.215
				4317.820	6200	0	66791	0.0124	-0.0118	-0.0112	-2.26E+06	1.211
				4318.820	6199	0	66916	0.0124	-0.0118	-0.0112	-2.78E+06	1.211
				4319.820	6199	0	67025	0.0124	-0.0118	-0.0112	-3.34E+06	1.211
				4320.820	6200	0	67087	0.0125	-0.0118	-0.0112	-3.90E+06	1.211
				4321.820	6200	0	67165	0.0125	-0.0118	-0.0112	-4.43E+06	1.218
				4322.810	6199	0	67180	0.0125	-0.0119	-0.0113	-5.01E+06	1.224
				4323.810	6199	0	67212	0.0125	-0.0119	-0.0113	-5.62E+06	1.225
				4324.810	6199	0	67196	0.0125	-0.0119	-0.0113	-6.30E+06	1.229
				4325.810	6199	0	67227	0.0125	-0.0119	-0.0113	-6.97E+06	1.230
				4326.810	6200	0	67196	0.0125	-0.0119	-0.0113	-7.66E+06	1.228
				4327.810	6199	0	67165	0.0125	-0.0119	-0.0113	-8.34E+06	1.230
				4328.810	6199	0	67149	0.0125	-0.0119	-0.0113	-1.10E+07	1.141
				4329.810	6200	0	67103	0.0125	-0.0119	-0.0114	-1.31E+07	1.145
				4330.810	6200	0	67087	0.0126	-0.0120	-0.0113	-1.48E+07	1.152
				4331.810	6200	0	66994	0.0126	-0.0120	-0.0114	-1.63E+07	1.161
				4332.810	6200	0	66947	0.0126	-0.0120	-0.0114	-1.79E+07	1.165
				4333.810	6200	0	66744	0.0126	-0.0120	-0.0114	-1.95E+07	1.168
				4334.810	6199	0	66495	0.0126	-0.0120	-0.0114	-2.10E+07	1.172
				4335.810	6199	0	66262	0.0126	-0.0120	-0.0114	-2.25E+07	1.168
				4336.810	6200	0	65966	0.0126	-0.0120	-0.0114	-2.42E+07	1.167
				4337.810	6199	0	65717	0.0126	-0.0120	-0.0114	-2.59E+07	1.166
				4338.810	6199	0	65421	0.0126	-0.0120	-0.0115	-2.75E+07	1.164
				4339.810	6199	0	65156	0.0126	-0.0120	-0.0115	-2.91E+07	1.165
				4340.810	6201	0	64907	0.0126	-0.0121	-0.0115	-3.06E+07	1.162
				4341.810	6199	0	64674	0.0126	-0.0121	-0.0115	-3.20E+07	1.153
				4342.810	6201	0	64409	0.0126	-0.0121	-0.0115	-3.29E+07	1.149
				4343.810	6201	0	64207	0.0126	-0.0121	-0.0115	-3.41E+07	1.150

4344.810	6200	0	64004	0.0126	-0.0121	-0.0115	-3.50E+07	1.142
4345.810	6199	0	63817	0.0126	-0.0121	-0.0115	-3.60E+07	1.136
4346.810	6199	0	63631	0.0126	-0.0121	-0.0115	-3.67E+07	1.122
4347.810	6199	0	63475	0.0126	-0.0121	-0.0115	-3.75E+07	1.109
4348.810	6200	0	63335	0.0126	-0.0121	-0.0115	-3.88E+07	1.107
4349.810	6199	0	63132	0.0127	-0.0121	-0.0115	-3.97E+07	1.094
4350.810	6202	0	63008	0.0127	-0.0121	-0.0115	-4.01E+07	1.072
4351.810	6200	0	62852	0.0127	-0.0121	-0.0115	-4.00E+07	1.043
4352.810	6199	0	62696	0.0127	-0.0121	-0.0116	-3.98E+07	1.014
4353.810	6199	0	58119	0.0130	-0.0123	-0.0117	-3.93E+07	0.985
4354.800	6201	0	55737	0.0127	-0.0122	-0.0116	-3.90E+07	0.962
4355.800	6199	0	55286	0.0127	-0.0121	-0.0116	-3.84E+07	0.941
4356.800	6199	0	55363	0.0126	-0.0121	-0.0116	-3.70E+07	0.910
4357.800	6200	0	55628	0.0127	-0.0121	-0.0116	-3.54E+07	0.883
4358.800	6199	0	55908	0.0127	-0.0121	-0.0116	-3.37E+07	0.858
4359.800	6200	0	56375	0.0127	-0.0121	-0.0116	-3.19E+07	0.837
4360.800	6199	0	56749	0.0127	-0.0121	-0.0116	-2.99E+07	0.820
4361.800	6199	0	56874	0.0127	-0.0121	-0.0115	-2.79E+07	0.804
4362.800	6200	0	56998	0.0127	-0.0121	-0.0115	-2.61E+07	0.787
4363.800	6199	0	57123	0.0127	-0.0121	-0.0116	-2.44E+07	0.773
4364.800	6201	0	57247	0.0127	-0.0121	-0.0116	-2.26E+07	0.759
4365.800	6200	0	57434	0.0127	-0.0121	-0.0116	-2.10E+07	0.747
4366.060	6201	0	57481	0.0127	-0.0121	-0.0115	-1.90E+07	0.735