

24BA030 (Stage 1)									24BA030 (Stage 2)									24BA030 (Stage 3)									24BA030 (Stage 4)								
Time	Pc	Pp	Diff.	Axial	Radial	Volume	Young's	Poisson's	Time	Pc	Pp	Diff.	Axial	Radial	Volume	Young's	Poisson's	Time	Pc	Pp	Diff.	Axial	Radial	Volume	Young's	Poisson's	Time	Pc	Pp	Diff.	Axial	Radial	Volume	Young's	Poisson's
[sec]	[psi]	[psi]	[psi]	[in/in]	[in/in]	[in3/in3]	[psi]	[-]	[sec]	[psi]	[psi]	[psi]	[in/in]	[in/in]	[in3/in3]	[psi]	[-]	[sec]	[psi]	[psi]	[psi]	[in/in]	[in/in]	[in3/in3]	[psi]	[-]	[sec]	[psi]	[psi]	[psi]	[in/in]	[in/in]	[in3/in3]	[psi]	[-]
304.013	1199	0	0	0.0000	0.0000	0.0000			901.076	2200	0	0	0.0000	0.0000	0.0000			1103.940	4200	0	112	0.0000	0.0000	0.0000			1351.040	6200	0	0	0.0000	0.0000	0.0000		
305.012	1199	0	0	0.0000	0.0000	0.0000			902.075	2200	0	0	0.0000	0.0000	0.0000			1104.940	4200	0	128	0.0000	0.0000	0.0000			1352.040	6200	0	0	0.0000	0.0000	0.0000		
306.012	1201	0	48	0.0000	0.0000	0.0000			903.075	2201	0	16	0.0000	0.0000	0.0000			1105.940	4200	0	144	0.0000	0.0000	0.0000			1353.040	6199	0	-16	0.0000	0.0000	0.0000		
307.012	1200	0	16	0.0000	0.0000	0.0000			904.075	2201	0	32	0.0000	0.0000	0.0000			1106.940	4202	0	160	0.0000	0.0000	0.0000			1354.040	6201	0	0	0.0000	0.0000	0.0000		
307.212	1201	0	16	0.0000	0.0000	0.0000			905.074	2200	0	16	0.0000	0.0000	0.0000			1107.940	4199	0	177	0.0000	0.0000	0.0000			1355.040	6199	0	-32	0.0000	0.0000	0.0000		
308.211	1200	0	16	0.0000	0.0000	0.0000			906.074	2201	0	16	0.0000	0.0000	0.0000			1108.940	4199	0	144	0.0000	0.0000	0.0000			1356.040	6200	0	0	0.0000	0.0000	0.0000		
309.211	1200	0	80	0.0000	0.0000	0.0000			907.074	2200	0	64	0.0000	0.0000	0.0000			1109.940	4199	0	144	0.0000	0.0000	0.0000			1357.040	6199	0	32	0.0000	0.0000	0.0000		
310.211	1200	0	128	0.0000	0.0000	0.0000			908.073	2198	0	32	0.0000	0.0000	0.0000			1110.940	4200	0	160	0.0000	0.0000	0.0000			1358.040	6199	0	32	0.0000	0.0000	0.0000		
311.210	1200	0	64	0.0001	0.0000	0.0001			909.073	2199	0	32	0.0000	0.0000	0.0000			1111.940	4200	0	128	0.0000	0.0000	0.0000			1359.040	6199	0	0	0.0000	0.0000	0.0000		
312.210	1201	0	80	0.0001	0.0000	0.0000			910.073	2201	0	16	0.0000	0.0000	0.0000			1112.940	4200	0	160	0.0000	0.0000	0.0000			1360.040	6199	0	32	0.0000	0.0000	0.0000		
313.210	1201	0	96	0.0001	0.0000	0.0001			911.072	2201	0	48	0.0000	0.0000	0.0000			1113.940	4199	0	128	0.0000	0.0000	0.0000			1361.040	6199	0	16	0.0000	0.0000	0.0000		
314.209	1202	0	209	0.0001	0.0000	0.0001			912.072	2200	0	32	0.0000	0.0000	0.0000			1114.940	4201	0	144	0.0000	0.0000	0.0000			1362.040	6198	0	48	0.0000	0.0000	0.0000		
315.209	1201	0	305	0.0001	0.0000	0.0001			913.072	2200	0	48	0.0000	0.0000	0.0000			1115.940	4200	0	177	0.0000	0.0000	0.0000			1363.040	6199	0	48	0.0000	0.0000	0.0000		
316.209	1200	0	305	0.0001	0.0000	0.0001			914.071	2200	0	64	0.0000	0.0000	0.0000			1116.940	4199	0	144	0.0000	0.0000	0.0000			1364.040	6199	0	16	0.0000	0.0000	0.0000		
317.208	1202	0	241	0.0001	0.0000	0.0001			915.071	2200	0	16	0.0000	0.0000	0.0000			1117.940	4200	0	177	0.0000	0.0000	0.0000			1365.040	6200	0	48	0.0000	0.0000	0.0000		
318.208	1200	0	209	0.0001	0.0000	0.0001			916.071	2200	0	32	0.0000	0.0000	0.0000			1118.940	4200	0	160	0.0000	0.0000	0.0000			1366.040	6199	0	32	0.0000	0.0000	0.0000		
319.208	1203	0	241	0.0001	0.0000	0.0001			917.070	2200	0	64	0.0000	0.0000	0.0000			1119.940	4200	0	160	0.0000	0.0000	0.0000			1367.040	6199	0	48	0.0000	0.0000	0.0000		
320.207	1200	0	353	0.0001	0.0000	0.0001			918.070	2201	0	48	0.0000	0.0000	0.0000			1120.940	4201	0	193	0.0000	0.0000	0.0000			1367.580	6200	0	80	0.0000	0.0000	0.0000		
321.207	1200	0	417	0.0001	0.0000	0.0001			919.070	2199	0	80	0.0000	0.0000	0.0000			1121.940	4203	0	177	0.0000	0.0000	0.0000			1368.580	6202	0	-16	0.0001	0.0000	0.0000		
322.207	1199	0	433	0.0001	0.0000	0.0001			920.069	2199	0	64	0.0000	0.0000	0.0000			1122.940	4199	0	144	0.0000	0.0000	0.0000			1369.580	6199	0	-32	0.0000	0.0000	0.0000		
323.206	1201	0	353	0.0001	0.0000	0.0001			921.069	2200	0	64	0.0000	0.0000	0.0000			1123.940	4201	0	193	0.0000	0.0000	0.0000			1370.580	6200	0	144	0.0000	0.0000	0.0000		
324.206	1200	0	321	0.0001	0.0000	0.0001			922.069	2201	0	80	0.0000	0.0000	0.0000			1124.940	4200	0	177	0.0000	0.0000	0.0000			1371.580	6200	0	177	0.0000	0.0000	0.0000		
325.206	1200	0	321	0.0001	0.0000	0.0001			923.069	2199	0	96	0.0000	0.0000	0.0000			1125.940	4200	0	209	0.0000	0.0000	0.0000			1372.580	6200	0	257	0.0000	0.0000	0.0000		
326.205	1200	0	481	0.0001	0.0000	0.0001			924.068	2201	0	112																							

375.190	1200	0	1910	0.0004	0.0000	0.0003	5.78E+06	0.109	972.542	2201	0	1236	0.0002	0.0000	0.0002	6.37E+06	0.120	1175.320	4200	0	1316	0.0002	0.0000	0.0001	7.41E+06	0.150	1422.560	6199	0	2247	0.0003	0.0000	0.0002	8.34E+06	0.158
376.189	1200	0	1926	0.0004	0.0000	0.0003	5.85E+06	0.108	973.542	2201	0	1364	0.0002	0.0000	0.0002	6.35E+06	0.120	1176.320	4200	0	1428	0.0002	0.0000	0.0001	7.35E+06	0.149	1423.560	6201	0	2279	0.0003	0.0000	0.0002	8.31E+06	0.158
377.189	1200	0	1877	0.0004	0.0000	0.0003	5.93E+06	0.111	974.541	2201	0	1428	0.0002	0.0000	0.0002	6.42E+06	0.121	1177.320	4199	0	1476	0.0002	0.0000	0.0001	7.42E+06	0.148	1424.560	6199	0	2343	0.0003	0.0000	0.0002	8.25E+06	0.156
378.189	1199	0	1797	0.0004	0.0000	0.0003	6.01E+06	0.111	975.541	2200	0	1316	0.0003	0.0000	0.0002	6.41E+06	0.120	1178.320	4200	0	1348	0.0002	0.0000	0.0002	7.39E+06	0.147	1425.560	6199	0	2423	0.0003	0.0000	0.0002	8.27E+06	0.157
379.188	1199	0	1845	0.0004	0.0000	0.0003	6.00E+06	0.111	976.541	2200	0	1236	0.0003	0.0000	0.0002	6.40E+06	0.121	1179.320	4201	0	1220	0.0002	0.0000	0.0002	7.44E+06	0.147	1426.560	6201	0	2471	0.0003	0.0000	0.0002	8.31E+06	0.156
380.188	1201	0	2006	0.0004	0.0000	0.0003	6.01E+06	0.110	977.540	2201	0	1220	0.0003	0.0000	0.0002	6.42E+06	0.121	1180.320	4200	0	1220	0.0002	0.0000	0.0002	7.50E+06	0.147	1427.560	6199	0	2503	0.0003	-0.0001	0.0002	8.26E+06	0.155
381.188	1202	0	2086	0.0004	0.0000	0.0003	6.01E+06	0.112	978.540	2198	0	1364	0.0002	0.0000	0.0002	6.43E+06	0.121	1181.320	4201	0	1573	0.0002	0.0000	0.0002	7.57E+06	0.148	1428.560	6200	0	2568	0.0004	-0.0001	0.0002	8.27E+06	0.156
382.187	1200	0	2118	0.0004	0.0000	0.0003	5.96E+06	0.111	979.540	2200	0	1508	0.0003	0.0000	0.0002	6.46E+06	0.123	1182.310	4200	0	1669	0.0002	0.0000	0.0002	7.67E+06	0.147	1429.560	6201	0	2503	0.0003	-0.0001	0.0002	8.28E+06	0.157
383.187	1201	0	2054	0.0004	0.0000	0.0003	5.96E+06	0.112	980.539	2201	0	1621	0.0003	0.0000	0.0002	6.44E+06	0.123	1183.310	4199	0	1717	0.0002	0.0000	0.0002	7.67E+06	0.147	1430.560	6202	0	2616	0.0003	-0.0001	0.0002	8.23E+06	0.157
384.187	1201	0	1990	0.0004	0.0000	0.0004	6.02E+06	0.113	981.539	2200	0	1573	0.0003	0.0000	0.0002	6.42E+06	0.123	1184.310	4200	0	1557	0.0003	0.0000	0.0002	7.63E+06	0.146	1431.560	6200	0	2664	0.0003	-0.0001	0.0002	8.30E+06	0.159
385.187	1203	0	2006	0.0004	0.0000	0.0003	6.08E+06	0.112	982.539	2201	0	1444	0.0003	0.0000	0.0002	6.39E+06	0.123	1185.310	4200	0	1460	0.0003	0.0000	0.0002	7.67E+06	0.146	1432.560	6201	0	2744	0.0004	-0.0001	0.0002	8.38E+06	0.159
386.186	1199	0	2231	0.0004	0.0000	0.0003	6.08E+06	0.113	983.538	2199	0	1428	0.0003	0.0000	0.0002	6.40E+06	0.124	1186.310	4200	0	1492	0.0002	0.0000	0.0002	7.64E+06	0.145	1433.560	6201	0	2744	0.0004	-0.0001	0.0003	8.38E+06	0.160
387.186	1199	0	2263	0.0004	0.0000	0.0003	6.08E+06	0.114	984.538	2201	0	1541	0.0003	0.0000	0.0002	6.41E+06	0.125	1187.310	4201	0	1797	0.0002	0.0000	0.0002	7.50E+06	0.146	1434.560	6201	0	2824	0.0004	-0.0001	0.0003	8.38E+06	0.160
388.186	1198	0	2311	0.0004	0.0000	0.0004	6.02E+06	0.115	985.538	2201	0	1717	0.0003	0.0000	0.0002	6.41E+06	0.125	1188.310	4199	0	1910	0.0002	0.0000	0.0002	7.37E+06	0.146	1435.560	6199	0	2744	0.0004	-0.0001	0.0003	8.44E+06	0.160
389.185	1201	0	2214	0.0005	0.0000	0.0004	6.01E+06	0.115	986.537	2201	0	1797	0.0003	0.0000	0.0002	6.44E+06	0.124	1189.310	4200	0	1958	0.0003	0.0000	0.0002	7.30E+06	0.146	1436.560	6201	0	2856	0.0004	-0.0001	0.0003	8.40E+06	0.160
390.185	1201	0	2150	0.0004	0.0000	0.0004	6.09E+06	0.115	987.537	2201	0	1733	0.0003	0.0000	0.0002	6.44E+06	0.124	1190.310	4199	0	1813	0.0003	0.0000	0.0002	7.25E+06	0.147	1437.560	6200	0	2921	0.0004	-0.0001	0.0003	8.40E+06	0.159
391.185	1199	0	2198	0.0005	0.0000	0.0004	6.15E+06	0.114	988.537	2201	0	1653	0.0003	0.0000	0.0002	6.47E+06	0.125	1191.310	4200	0	1669	0.0003	0.0000	0.0002	7.31E+06	0.147	1438.560	6202	0	2985	0.0004	-0.0001	0.0003	8.44E+06	0.160
392.184	1200	0	2391	0.0004	0.0000	0.0004	6.15E+06	0.113	989.536	2201	0	1637	0.0003	0.0000	0.0002	6.47E+06	0.125	1192.310	4200	0	1717	0.0003	0.0000	0.0002	7.35E+06	0.147	1439.560	6200	0	3049	0.0004	-0.0001	0.0003	8.37E+06	0.159
393.184	1200	0	2455	0.0005	0.0000	0.0004	6.19E+06	0.113	990.536	2201	0	1765	0.0003	0.0000	0.0002	6.50E+06	0.127	1193.310	4200	0	2006	0.0003	0.0000	0.0002	7.35E+06	0.146	1440.560	6199	0	3033	0.0004	-0.0001	0.0003	8.32E+06	0.160
394.184	1200	0	2471	0.0005	0.0000	0.0004	6.19E+06	0.113	991.536	2200	0	1942	0.0003	0.0000	0.0003	6.49E+06	0.127	1194.310	4202	0	2118	0.0003	0.0000	0.0002	7.42E+06	0.147	1441.560	6199	0	2953	0.0004	-0.0001	0.0003	8.38E+06	0.162
395.183	1200	0	2423	0.0005	0.0000	0.0004	6.17E+06	0.114	992.536	2201	0	2006	0.0003	0.0000	0.0003	6.50E+06	0.130	1195.310	4201	0	2182	0.0003	0.0000	0.0002	7.36E+06	0.147	1442.560	6199	0	3145	0.0004	-0.0001	0.0003	8.36E+06	0.163
396.183	1201	0	2343	0.0005	0.0000	0.0004	6.20E+06	0.116	993.535	2200	0	1958	0.0004	0.0000	0.0003	6.53E+06	0.131	1196.310	4200	0	1990	0.0003	0.0000	0.0002	7.39E+06	0.147	1443.560	6200	0	3193	0.0004	-0.0001	0.0003	8.42E+06	0.163
397.183	1201	0	2343	0.0005	0.0000	0.0004	6.21E+06	0.114	994.535	2200	0	1861	0.0004	0.0000	0.0003	6.59E+06	0.133	1197.310	4200	0	1894	0.0003	0.0000	0.0002	7.44E+06	0.149	1444.560	6201	0	3274	0.0004	-0.0001	0.0003	8.51E+06	0.165
398.182	1201	0	2535	0.0005	0.0000	0.0004	6.18E+06	0.115	995.535	2200	0	1813	0.0003	0.0000	0.0003	6.59E+06	0.134	1198.310	4201	0	1910	0.0003	0.0000	0.0002	7.49E+06	0.149	1445.560	6199	0	3306	0.0004	-0.0001	0.0003	8.51E+06	0.165
399.182	1201	0	2648	0.0005	0.0000	0.0004	6.17E+06	0.115	996.534	2201	0	1990	0.0003	0.0000	0.0003	6.63E+06	0.136	1199.310	4200	0	2263	0.0003	0.0000	0.0002	7.45E+06	0.150	1446.550	6201	0	3306	0.0004	-0.0001	0.0003	8.56E+06	0.167
400.182	1199	0	2696	0.0005	0.0000	0.0004	6.16E+06	0.114	997.534	2201	0	2134	0.0003	0.0000	0.0003	6.67E+06	0.136	1200.310	4200	0	2327	0.0003	0.0000	0.0002	7.46E+06	0.151	1447.550	6199	0	3274	0.0004	-0.0001	0.0003	8.64E+06	0.167
401.181	1199	0	2616	0.0005	0.0000	0.0004	6.13E+06	0.114	998.534	2200	0	2231	0.0004	0.0000	0.0003	6.71E+06	0.139	1201.310	4199	0	2391	0.0003	0.0000	0.0002	7.40E+06	0.149	1448.550	6199	0	3370	0.0004	-0.0001	0.0003	8.58E+06	0.167
402.181	1200	0	2519	0.0005	-0.0001	0.0004	6.19E+06	0.115	999.533	2199	0	2134	0.0004	0.0000	0.0003	6.73E+06	0.141	1202.310	4201	0	2263	0.0004	0.0000	0.0003	7.36E+06	0.149	1449.550	6200	0	3418	0.0004	-0.0001	0.0003	8.61E+06	0.168
403.181	1199	0	2551	0.0005	0.0000	0.0004	6.20E+06	0.113	1000.530	2200	0	2070	0.0004	0.0000	0.0003	6.80E+06	0.141	1203.310	4201	0	2118	0.0003	0.0000	0.0003	7.41E+06	0.149	1450.550	6199	0	3530	0.0004	-0.0001	0.0003	8.65E+06	0.169
404.180	1200	0	2744	0.0005	0.0000	0.0004	6.16E+06	0.113	1001.530	2200	0	2022	0.0004	0.0000	0.0003	6.84E+06	0.140	1204.310	4200	0	2134	0.0003	0.0000	0.0002	7.45E+06	0.149	1451.550	6199	0	3546	0.0005	-0.0001	0.0003	8.60E+06	0.171
405.180	1200	0	2808	0.0005	0.0000	0.0004	6.17E+06	0.114	1002.530	2200	0	2231	0.0004	0.0000	0.0003	6.85E+06	0.141	1205.310	4200	0	2471	0.0003	0.0000	0.0003	7.43E+06	0.148	1452.550	6199	0	3594	0.0005	-0.0001	0.0003	8.59E+06	0.172
406.180	1199	0	2856	0.0005	-0.0001	0.0004	6.16E+06	0.114	1003.530	2200	0	2343	0.0004	0.0000	0.0003	6.86E+06	0.141	1206.310	4198	0	2567	0.0003	0.0000	0.0003	7.46E+06	0.148	1453.550	6199	0	3530	0.0005	-0.0001	0.0003	8.59E+06	0.173
407.179	1201	0	2744	0.0005	-0.0001	0.0004	6.17E+06	0.114	1004.530	2200	0	2423	0.0004	0.0000	0.0003	6.87E+06	0.141	1207.310	4201	0	2632	0.0003	0.0000	0.0003	7.47E+06	0.147	1454.550	6199	0	3627	0.0005	-0.0001	0.0003	8.59E+06	0.173
408.179																																			

451.165	1202	0	4236	0.0007	-0.0001	0.0006	7.10E+06	0.135	1048.520	2201	0	3707	0.0006	-0.0001	0.0005	7.43E+06	0.149	1251.290	4201	0	4140	0.0006	-0.0001	0.0004	8.47E+06	0.165	1498.540	6201	0	5665	0.0007	-0.0001	0.0004	9.17E+06	0.175
452.165	1201	0	4365	0.0007	-0.0001	0.0006	7.11E+06	0.136	1049.520	2199	0	3787	0.0006	-0.0001	0.0004	7.45E+06	0.151	1252.290	4201	0	4236	0.0006	-0.0001	0.0004	8.49E+06	0.165	1499.540	6200	0	5697	0.0007	-0.0001	0.0005	9.10E+06	0.174
453.165	1200	0	4461	0.0008	-0.0001	0.0006	7.16E+06	0.135	1050.520	2203	0	3964	0.0006	-0.0001	0.0004	7.45E+06	0.151	1253.290	4200	0	4477	0.0006	-0.0001	0.0004	8.46E+06	0.164	1500.540	6200	0	5777	0.0007	-0.0001	0.0005	9.05E+06	0.173
454.164	1200	0	4493	0.0008	-0.0001	0.0006	7.10E+06	0.133	1051.520	2201	0	4172	0.0006	-0.0001	0.0005	7.49E+06	0.152	1254.290	4201	0	4573	0.0006	-0.0001	0.0004	8.45E+06	0.165	1501.540	6199	0	5600	0.0007	-0.0001	0.0005	9.04E+06	0.172
455.164	1200	0	4397	0.0008	-0.0001	0.0006	7.02E+06	0.133	1052.520	2201	0	4204	0.0006	-0.0001	0.0005	7.54E+06	0.149	1255.290	4199	0	4638	0.0006	-0.0001	0.0004	8.46E+06	0.165	1502.540	6199	0	5745	0.0007	-0.0001	0.0005	9.01E+06	0.173
456.164	1201	0	4349	0.0008	-0.0001	0.0006	7.10E+06	0.133	1053.520	2200	0	4140	0.0007	-0.0001	0.0005	7.51E+06	0.149	1256.290	4200	0	4477	0.0006	-0.0001	0.0004	8.36E+06	0.165	1503.540	6199	0	5889	0.0007	-0.0001	0.0005	9.00E+06	0.173
457.163	1200	0	4445	0.0008	-0.0001	0.0006	7.10E+06	0.133	1054.520	2199	0	4092	0.0006	-0.0001	0.0005	7.53E+06	0.149	1257.290	4200	0	4333	0.0006	-0.0001	0.0004	8.45E+06	0.163	1504.540	6200	0	5937	0.0007	-0.0001	0.0005	8.96E+06	0.173
458.163	1201	0	4621	0.0008	-0.0001	0.0006	7.12E+06	0.133	1055.520	2201	0	4044	0.0006	-0.0001	0.0005	7.60E+06	0.150	1258.290	4198	0	4429	0.0006	-0.0001	0.0004	8.40E+06	0.163	1505.540	6200	0	6002	0.0007	-0.0001	0.0005	8.83E+06	0.172
459.163	1200	0	4670	0.0008	-0.0001	0.0006	7.20E+06	0.133	1056.520	2200	0	4252	0.0006	-0.0001	0.0005	7.62E+06	0.150	1259.290	4201	0	4702	0.0006	-0.0001	0.0004	8.37E+06	0.162	1506.540	6200	0	6034	0.0007	-0.0001	0.0005	8.85E+06	0.174
460.163	1200	0	4718	0.0008	-0.0001	0.0006	7.21E+06	0.133	1057.510	2201	0	4381	0.0007	-0.0001	0.0005	7.60E+06	0.149	1260.290	4201	0	4814	0.0006	-0.0001	0.0004	8.38E+06	0.162	1507.540	6199	0	5889	0.0007	-0.0001	0.0005	8.86E+06	0.174
461.162	1199	0	4605	0.0008	-0.0001	0.0006	7.17E+06	0.133	1058.510	2201	0	4461	0.0007	-0.0001	0.0005	7.62E+06	0.149	1261.290	4201	0	4878	0.0006	-0.0001	0.0004	8.29E+06	0.160	1508.540	6200	0	6082	0.0007	-0.0001	0.0005	8.84E+06	0.172
462.162	1200	0	4589	0.0008	-0.0001	0.0006	7.20E+06	0.132	1059.510	2200	0	4365	0.0007	-0.0001	0.0005	7.62E+06	0.150	1262.290	4201	0	4718	0.0007	-0.0001	0.0005	8.14E+06	0.160	1509.530	6200	0	6162	0.0007	-0.0001	0.0005	8.88E+06	0.174
463.162	1200	0	4686	0.0008	-0.0001	0.0006	7.18E+06	0.133	1060.510	2200	0	4285	0.0007	-0.0001	0.0005	7.61E+06	0.149	1263.290	4201	0	4541	0.0006	-0.0001	0.0004	8.22E+06	0.160	1510.530	6200	0	6226	0.0007	-0.0001	0.0005	8.92E+06	0.174
464.161	1200	0	4798	0.0008	-0.0001	0.0006	7.14E+06	0.133	1061.510	2201	0	4252	0.0007	-0.0001	0.0005	7.65E+06	0.150	1264.290	4199	0	4686	0.0006	-0.0001	0.0004	8.21E+06	0.160	1511.530	6202	0	6290	0.0007	-0.0001	0.0005	8.89E+06	0.173
465.161	1199	0	4862	0.0008	-0.0001	0.0006	7.25E+06	0.133	1062.510	2200	0	4413	0.0007	-0.0001	0.0005	7.68E+06	0.149	1265.290	4201	0	4926	0.0006	-0.0001	0.0004	8.17E+06	0.161	1512.530	6199	0	6322	0.0008	-0.0001	0.0005	8.78E+06	0.173
466.161	1201	0	4910	0.0008	-0.0001	0.0006	7.23E+06	0.133	1063.510	2201	0	4605	0.0007	-0.0001	0.0005	7.69E+06	0.149	1266.290	4200	0	5039	0.0006	-0.0001	0.0005	8.22E+06	0.162	1513.530	6199	0	6162	0.0008	-0.0001	0.0005	8.81E+06	0.174
467.160	1200	0	4830	0.0008	-0.0001	0.0007	7.19E+06	0.132	1064.510	2200	0	4686	0.0007	-0.0001	0.0005	7.68E+06	0.150	1267.290	4201	0	5103	0.0007	-0.0001	0.0005	8.19E+06	0.162	1514.530	6199	0	6306	0.0008	-0.0001	0.0005	8.83E+06	0.175
468.160	1198	0	4782	0.0008	-0.0001	0.0007	7.30E+06	0.135	1065.510	2201	0	4605	0.0007	-0.0001	0.0005	7.67E+06	0.152	1268.290	4200	0	4974	0.0007	-0.0001	0.0005	8.11E+06	0.161	1515.530	6200	0	6387	0.0008	-0.0001	0.0005	8.85E+06	0.177
469.160	1200	0	4750	0.0008	-0.0001	0.0007	7.29E+06	0.136	1066.510	2200	0	4493	0.0007	-0.0001	0.0005	7.68E+06	0.152	1269.290	4202	0	4862	0.0007	-0.0001	0.0005	8.20E+06	0.163	1516.530	6200	0	6499	0.0008	-0.0001	0.0005	8.90E+06	0.178
470.159	1200	0	4878	0.0008	-0.0001	0.0007	7.25E+06	0.135	1067.510	2201	0	4477	0.0007	-0.0001	0.0005	7.71E+06	0.152	1270.290	4200	0	5007	0.0007	-0.0001	0.0005	8.16E+06	0.164	1517.530	6200	0	6547	0.0008	-0.0001	0.0005	8.89E+06	0.179
471.159	1200	0	5055	0.0008	-0.0001	0.0007	7.26E+06	0.135	1068.510	2200	0	4638	0.0007	-0.0001	0.0005	7.60E+06	0.151	1271.290	4201	0	5247	0.0007	-0.0001	0.0005	8.11E+06	0.164	1518.530	6199	0	6611	0.0008	-0.0001	0.0005	8.76E+06	0.179
472.159	1200	0	5135	0.0008	-0.0001	0.0007	7.25E+06	0.136	1069.510	2200	0	4830	0.0007	-0.0001	0.0005	7.59E+06	0.152	1272.290	4200	0	5328	0.0007	-0.0001	0.0005	8.14E+06	0.165	1519.530	6200	0	6339	0.0008	-0.0001	0.0005	8.81E+06	0.179
473.158	1200	0	5055	0.0009	-0.0001	0.0007	7.19E+06	0.136	1070.510	2201	0	4910	0.0007	-0.0001	0.0005	7.66E+06	0.150	1273.290	4199	0	5376	0.0007	-0.0001	0.0005	8.12E+06	0.165	1520.530	6200	0	6515	0.0008	-0.0001	0.0005	8.84E+06	0.180
474.158	1200	0	5039	0.0009	-0.0001	0.0007	7.26E+06	0.135	1071.510	2201	0	4846	0.0007	-0.0001	0.0005	7.74E+06	0.149	1274.290	4201	0	5231	0.0007	-0.0001	0.0005	8.11E+06	0.166	1521.530	6201	0	6692	0.0008	-0.0001	0.0005	8.81E+06	0.180
475.158	1200	0	5183	0.0008	-0.0001	0.0007	7.19E+06	0.134	1072.510	2201	0	4734	0.0007	-0.0001	0.0005	7.77E+06	0.150	1275.290	4200	0	5087	0.0007	-0.0001	0.0005	8.25E+06	0.167	1522.530	6199	0	6788	0.0008	-0.0001	0.0005	8.92E+06	0.180
476.157	1200	0	5279	0.0009	-0.0001	0.0007	7.20E+06	0.135	1073.510	2201	0	4734	0.0007	-0.0001	0.0005	7.74E+06	0.150	1276.280	4202	0	5279	0.0007	-0.0001	0.0005	8.20E+06	0.168	1523.530	6200	0	6836	0.0008	-0.0001	0.0005	8.94E+06	0.180
477.157	1200	0	5328	0.0009	-0.0001	0.0007	7.27E+06	0.135	1074.510	2200	0	4894	0.0007	-0.0001	0.0005	7.68E+06	0.150	1277.280	4200	0	5504	0.0007	-0.0001	0.0005	8.15E+06	0.169	1524.530	6199	0	6884	0.0008	-0.0001	0.0006	8.93E+06	0.183
478.157	1200	0	5392	0.0009	-0.0001	0.0007	7.27E+06	0.134	1075.510	2201	0	5087	0.0007	-0.0001	0.0005	7.71E+06	0.150	1278.280	4200	0	5584	0.0007	-0.0001	0.0005	8.25E+06	0.168	1525.530	6200	0	6675	0.0008	-0.0001	0.0006	8.95E+06	0.183
479.156	1200	0	5295	0.0009	-0.0001	0.0007	7.18E+06	0.133	1076.510	2200	0	5151	0.0007	-0.0001	0.0005	7.77E+06	0.151	1279.280	4199	0	5632	0.0007	-0.0001	0.0005	8.30E+06	0.171	1526.530	6200	0	6772	0.0008	-0.0001	0.0006	9.00E+06	0.182
480.156	1200	0	5215	0.0009	-0.0001	0.0007	7.27E+06	0.135	1077.510	2200	0	5087	0.0008	-0.0001	0.0006	7.78E+06	0.152	1280.280	4198	0	5472	0.0007	-0.0001	0.0005	8.26E+06	0.171	1527.530	6200	0	6932	0.0008	-0.0001	0.0006	9.03E+06	0.183
481.156	1200	0	5344	0.0009	-0.0001	0.0007	7.29E+06	0.135	1078.510	2200	0	4975	0.0008	-0.0001	0.0006	7.77E+06	0.153	1281.280	4201	0	5344	0.0007	-0.0001	0.0005	8.42E+06	0.172	1528.530	6200	0	7045	0.0008	-0.0001	0.0006	9.13E+06	0.183
482.155	1199	0	5488	0.0009	-0.0001	0.0007	7.31E+06	0.136	1079.510	2200	0	4991	0.0008	-0.0001	0.0006	7.75E+06	0.152	1282.280	4201	0	5488	0.0007	-0.0001	0.0005	8.45E+06	0.174	1529.530	6199	0	6964	0.0008	-0.0001	0.0006	9.17E+06	0.182
483.155	1201	0	5536	0.0009	-0.0001	0.0007	7.41E+06	0.138	1080.510	2200	0	5167	0.0007	-0.0001	0.0005	7.78E+06	0.152	1283.280	4200	0	5713	0.0007	-0.0001	0.0005	8.41E+06	0.174	1530.530	6199	0	6948	0.0009	-0.0001	0.0006	9.06E+	

527.141	1200	0	7093	0.0012	-0.0001	0.0009	7.54E+06	0.148	1124.490	2200	0	7093	0.0010	-0.0001	0.0007	8.60E+06	0.177	1327.270	4199	0	7702	0.0010	-0.0001	0.0007	8.64E+06	0.171	1574.510	6200	0	8970	0.0010	-0.0002	0.0007	8.93E+06	0.179
528.141	1201	0	7061	0.0011	-0.0001	0.0009	7.65E+06	0.149	1125.490	2201	0	7045	0.0010	-0.0001	0.0007	8.57E+06	0.177	1328.270	4198	0	7526	0.0010	-0.0002	0.0007	8.57E+06	0.171	1575.510	6200	0	9099	0.0011	-0.0002	0.0007	8.89E+06	0.180
529.140	1201	0	7221	0.0011	-0.0001	0.0008	7.67E+06	0.148	1126.490	2199	0	6948	0.0010	-0.0001	0.0007	8.54E+06	0.176	1329.270	4200	0	7317	0.0010	-0.0002	0.0007	8.74E+06	0.173	1576.510	6199	0	9291	0.0011	-0.0002	0.0007	8.86E+06	0.180
530.140	1201	0	7349	0.0011	-0.0001	0.0009	7.62E+06	0.148	1127.490	2200	0	6948	0.0010	-0.0001	0.0007	8.50E+06	0.175	1330.270	4200	0	7574	0.0010	-0.0002	0.0007	8.78E+06	0.172	1577.510	6199	0	9323	0.0011	-0.0002	0.0007	8.88E+06	0.180
531.140	1201	0	7381	0.0011	-0.0001	0.0009	7.65E+06	0.148	1128.490	2201	0	7141	0.0010	-0.0001	0.0007	8.51E+06	0.177	1331.270	4201	0	7799	0.0010	-0.0001	0.0007	8.77E+06	0.173	1578.510	6199	0	9339	0.0011	-0.0002	0.0007	8.81E+06	0.181
532.139	1200	0	7430	0.0012	-0.0001	0.0009	7.66E+06	0.149	1129.490	2201	0	7301	0.0010	-0.0001	0.0007	8.51E+06	0.179	1332.270	4200	0	7879	0.0010	-0.0002	0.0007	8.80E+06	0.171	1579.510	6199	0	9147	0.0011	-0.0002	0.0007	8.90E+06	0.182
533.139	1200	0	7317	0.0012	-0.0001	0.0009	7.74E+06	0.149	1130.490	2200	0	7349	0.0010	-0.0001	0.0007	8.51E+06	0.180	1333.270	4200	0	7911	0.0010	-0.0002	0.0007	8.74E+06	0.172	1580.510	6198	0	9211	0.0011	-0.0002	0.0007	9.00E+06	0.182
534.139	1201	0	7285	0.0012	-0.0001	0.0009	7.83E+06	0.149	1131.490	2200	0	7285	0.0010	-0.0001	0.0007	8.45E+06	0.180	1334.270	4199	0	7783	0.0010	-0.0002	0.0007	8.76E+06	0.172	1581.510	6200	0	9419	0.0011	-0.0002	0.0007	8.99E+06	0.182
535.138	1201	0	7446	0.0012	-0.0001	0.0009	7.83E+06	0.151	1132.490	2200	0	7205	0.0010	-0.0001	0.0007	8.40E+06	0.180	1335.270	4201	0	7622	0.0010	-0.0002	0.0007	8.84E+06	0.173	1582.510	6200	0	9516	0.0011	-0.0002	0.0007	9.09E+06	0.186
536.138	1201	0	7542	0.0012	-0.0001	0.0009	7.81E+06	0.152	1133.490	2200	0	7189	0.0010	-0.0001	0.0007	8.42E+06	0.180	1336.270	4201	0	7911	0.0010	-0.0002	0.0007	8.89E+06	0.172	1583.510	6199	0	9564	0.0011	-0.0002	0.0007	9.17E+06	0.189
537.138	1201	0	7606	0.0012	-0.0001	0.0009	7.80E+06	0.150	1134.490	2201	0	7398	0.0010	-0.0001	0.0007	8.44E+06	0.181	1337.270	4200	0	8072	0.0010	-0.0002	0.0007	8.79E+06	0.173	1584.510	6199	0	9676	0.0011	-0.0002	0.0008	9.09E+06	0.190
538.138	1200	0	7654	0.0012	-0.0001	0.0009	7.76E+06	0.151	1135.490	2200	0	7558	0.0010	-0.0001	0.0007	8.42E+06	0.180	1338.270	4201	0	8152	0.0010	-0.0002	0.0007	8.84E+06	0.174	1585.510	6199	0	9403	0.0011	-0.0002	0.0007	9.06E+06	0.190
539.137	1199	0	7526	0.0012	-0.0001	0.0009	7.75E+06	0.151	1136.490	2200	0	7654	0.0010	-0.0001	0.0007	8.42E+06	0.179	1339.260	4200	0	8200	0.0010	-0.0002	0.0007	8.76E+06	0.172	1586.510	6200	0	9468	0.0011	-0.0002	0.0007	9.09E+06	0.192
540.137	1201	0	7478	0.0012	-0.0001	0.0009	7.78E+06	0.150	1137.490	2200	0	7558	0.0011	-0.0002	0.0008	8.32E+06	0.179	1340.260	4200	0	8072	0.0010	-0.0002	0.0007	8.76E+06	0.173	1587.510	6201	0	9644	0.0011	-0.0002	0.0007	9.02E+06	0.192
541.137	1201	0	7702	0.0012	-0.0001	0.0009	7.76E+06	0.150	1138.490	2200	0	7414	0.0010	-0.0001	0.0007	8.31E+06	0.179	1341.260	4201	0	7959	0.0010	-0.0002	0.0007	8.81E+06	0.172	1588.510	6201	0	9789	0.0011	-0.0002	0.0007	9.05E+06	0.192
542.136	1199	0	7783	0.0012	-0.0001	0.0009	7.74E+06	0.151	1139.490	2201	0	7430	0.0011	-0.0002	0.0008	8.35E+06	0.181	1342.260	4201	0	8184	0.0010	-0.0002	0.0007	8.83E+06	0.174	1589.510	6199	0	9869	0.0011	-0.0002	0.0007	9.07E+06	0.193
543.136	1199	0	7879	0.0012	-0.0001	0.0009	7.89E+06	0.152	1140.490	2201	0	7638	0.0011	-0.0001	0.0008	8.28E+06	0.178	1343.260	4201	0	8344	0.0010	-0.0002	0.0007	8.76E+06	0.174	1590.510	6200	0	9917	0.0012	-0.0002	0.0008	9.06E+06	0.193
544.136	1201	0	7863	0.0012	-0.0001	0.0009	7.90E+06	0.151	1141.490	2199	0	7799	0.0011	-0.0002	0.0008	8.21E+06	0.177	1344.260	4199	0	8441	0.0010	-0.0002	0.0007	8.81E+06	0.175	1591.510	6199	0	9708	0.0012	-0.0002	0.0008	9.13E+06	0.194
545.135	1201	0	7783	0.0012	-0.0001	0.0009	7.93E+06	0.153	1142.490	2200	0	7863	0.0011	-0.0002	0.0008	8.17E+06	0.179	1345.260	4199	0	8473	0.0010	-0.0002	0.0007	8.79E+06	0.176	1592.510	6200	0	9773	0.0011	-0.0002	0.0008	9.21E+06	0.196
546.135	1199	0	7735	0.0012	-0.0001	0.0009	8.06E+06	0.156	1143.490	2199	0	7799	0.0011	-0.0002	0.0008	8.15E+06	0.178	1346.260	4200	0	8296	0.0011	-0.0002	0.0007	8.71E+06	0.175	1593.510	6200	0	9965	0.0011	-0.0002	0.0008	9.17E+06	0.196
547.135	1201	0	7927	0.0012	-0.0001	0.0009	8.03E+06	0.157	1144.490	2201	0	7719	0.0011	-0.0002	0.0008	8.11E+06	0.179	1347.260	4200	0	8136	0.0010	-0.0002	0.0007	8.80E+06	0.175	1594.510	6201	0	10061	0.0012	-0.0002	0.0008	9.25E+06	0.198
548.134	1200	0	7991	0.0012	-0.0001	0.0009	7.99E+06	0.157	1145.490	2201	0	7719	0.0011	-0.0002	0.0008	8.15E+06	0.180	1348.260	4200	0	8425	0.0010	-0.0002	0.0007	8.76E+06	0.174	1595.510	6200	0	10142	0.0012	-0.0002	0.0008	9.29E+06	0.200
549.134	1200	0	8104	0.0012	-0.0001	0.0009	8.04E+06	0.158	1146.490	2200	0	7911	0.0011	-0.0002	0.0008	8.16E+06	0.181	1349.260	4200	0	8601	0.0010	-0.0002	0.0007	8.69E+06	0.176	1596.510	6199	0	10222	0.0012	-0.0002	0.0008	9.25E+06	0.200
550.134	1200	0	8104	0.0012	-0.0001	0.0009	7.92E+06	0.160	1147.490	2201	0	8039	0.0011	-0.0002	0.0008	8.14E+06	0.180	1350.260	4199	0	8681	0.0011	-0.0002	0.0007	8.79E+06	0.177	1597.510	6199	0	10029	0.0012	-0.0002	0.0008	9.26E+06	0.201
551.133	1200	0	8023	0.0013	-0.0002	0.0010	7.95E+06	0.162	1148.490	2201	0	8104	0.0011	-0.0002	0.0008	8.15E+06	0.180	1351.260	4199	0	8713	0.0011	-0.0002	0.0007	8.73E+06	0.177	1598.510	6199	0	10045	0.0012	-0.0002	0.0008	9.28E+06	0.201
552.133	1201	0	7991	0.0012	-0.0001	0.0009	8.07E+06	0.163	1149.490	2199	0	8039	0.0011	-0.0002	0.0008	8.08E+06	0.179	1352.260	4200	0	8569	0.0011	-0.0002	0.0008	8.72E+06	0.176	1599.510	6200	0	10238	0.0012	-0.0002	0.0008	9.28E+06	0.202
553.133	1201	0	8216	0.0012	-0.0002	0.0009	8.01E+06	0.163	1150.480	2200	0	7943	0.0011	-0.0002	0.0008	7.97E+06	0.178	1353.260	4199	0	8425	0.0011	-0.0002	0.0007	8.78E+06	0.176	1600.510	6199	0	10350	0.0012	-0.0002	0.0008	9.38E+06	0.202
554.132	1201	0	8280	0.0013	-0.0002	0.0010	7.94E+06	0.163	1151.480	2200	0	7863	0.0011	-0.0002	0.0008	8.01E+06	0.178	1354.260	4201	0	8729	0.0011	-0.0002	0.0007	8.76E+06	0.175	1601.510	6201	0	10398	0.0012	-0.0002	0.0008	9.35E+06	0.201
555.132	1201	0	8328	0.0013	-0.0002	0.0010	8.08E+06	0.167	1152.480	2201	0	8104	0.0011	-0.0002	0.0008	8.07E+06	0.179	1355.260	4200	0	8890	0.0011	-0.0002	0.0007	8.67E+06	0.176	1602.500	6199	0	10462	0.0012	-0.0002	0.0008	9.28E+06	0.201
556.132	1201	0	8328	0.0013	-0.0002	0.0010	8.06E+06	0.167	1153.480	2201	0	8296	0.0011	-0.0002	0.0008	8.06E+06	0.180	1356.260	4200	0	8938	0.0011	-0.0002	0.0007	8.66E+06	0.176	1603.500	6199	0	10318	0.0012	-0.0002	0.0008	9.33E+06	0.201
557.131	1203	0	8280	0.0013	-0.0002	0.0010	8.05E+06	0.167	1154.480	2201	0	8376	0.0011	-0.0002	0.0008	8.07E+06	0.179	1357.260	4200	0	8986	0.0011	-0.0002	0.0008	8.62E+06	0.175	1604.500	6199	0	10398	0.0012	-0.0002	0.0008	9.31E+06	0.201
558.131	1202	0	8216	0.0013	-0.0002	0.0009	8.14E+06	0.167	1155.480	2200	0	8280	0.0012	-0.0002	0.0008	8.06E+06	0.177	1358.260	4200	0	8810	0.0011	-0.0002	0.0008	8.61E+06	0.176	1605.500	6200	0	10543	0.0012	-0.0002	0.0008	9.25E+06	0.201
559.131	1200	0	8425	0.0013	-0.0002	0.0010	8.07E+06	0.167	1156.480	2199	0	8184	0.0012	-0.0002	0.0008	8.05E+06	0.178	1359.260	4200	0	8697	0.0011	-0.0002	0.0008	8.69E+06	0.177	1606.500	6200	0	10623	0.0012	-0.0002	0.00		

603.117	1201	0	10254	0.0015	-0.0002	0.0011	7.96E+06	0.180	1200.470	2201	0	10190	0.0013	-0.0002	0.0009	8.39E+06	0.191	1403.240	4201	0	10976	0.0013	-0.0002	0.0009	9.10E+06	0.194	1650.490	6201	0	12773	0.0014	-0.0003	0.0009	9.78E+06	0.212
604.116	1202	0	10254	0.0015	-0.0002	0.0011	7.89E+06	0.182	1201.470	2201	0	10302	0.0014	-0.0002	0.0009	8.32E+06	0.190	1404.240	4200	0	11040	0.0013	-0.0002	0.0009	9.11E+06	0.195	1651.490	6200	0	12581	0.0015	-0.0003	0.0010	9.84E+06	0.214
605.116	1201	0	10142	0.0015	-0.0002	0.0011	7.90E+06	0.182	1202.470	2200	0	10366	0.0014	-0.0002	0.0010	8.38E+06	0.191	1405.240	4201	0	11088	0.0013	-0.0002	0.0009	9.06E+06	0.195	1652.490	6199	0	12516	0.0014	-0.0003	0.0009	9.92E+06	0.214
606.116	1202	0	10206	0.0015	-0.0002	0.0011	7.90E+06	0.183	1203.470	2199	0	10286	0.0014	-0.0002	0.0010	8.42E+06	0.194	1406.240	4202	0	10960	0.0014	-0.0002	0.0009	9.18E+06	0.197	1653.490	6199	0	12693	0.0014	-0.0003	0.0009	9.88E+06	0.214
607.115	1200	0	10366	0.0015	-0.0002	0.0011	7.84E+06	0.184	1204.470	2201	0	10174	0.0014	-0.0002	0.0010	8.54E+06	0.195	1407.240	4202	0	10992	0.0013	-0.0002	0.0009	9.24E+06	0.198	1654.490	6201	0	12870	0.0014	-0.0003	0.0009	9.90E+06	0.215
608.115	1200	0	10414	0.0015	-0.0002	0.0011	7.81E+06	0.186	1205.470	2201	0	10158	0.0014	-0.0002	0.0010	8.56E+06	0.194	1408.240	4200	0	11136	0.0013	-0.0002	0.0009	9.23E+06	0.199	1655.490	6200	0	12934	0.0014	-0.0003	0.0009	9.88E+06	0.215
609.115	1199	0	10462	0.0015	-0.0002	0.0011	7.92E+06	0.188	1206.470	2201	0	10398	0.0014	-0.0002	0.0009	8.53E+06	0.194	1409.240	4199	0	11265	0.0013	-0.0002	0.0009	9.19E+06	0.201	1656.490	6199	0	13046	0.0015	-0.0003	0.0009	9.80E+06	0.214
610.115	1200	0	10527	0.0015	-0.0002	0.0011	7.85E+06	0.188	1207.470	2199	0	10559	0.0014	-0.0002	0.0010	8.44E+06	0.192	1410.240	4199	0	11345	0.0014	-0.0002	0.0009	9.30E+06	0.203	1657.490	6200	0	12886	0.0015	-0.0003	0.0009	9.86E+06	0.216
611.114	1201	0	10382	0.0016	-0.0002	0.0011	7.90E+06	0.188	1208.470	2200	0	10607	0.0014	-0.0002	0.0010	8.45E+06	0.188	1411.240	4199	0	11377	0.0014	-0.0002	0.0009	9.21E+06	0.202	1658.490	6199	0	12821	0.0015	-0.0003	0.0009	9.91E+06	0.218
612.114	1199	0	10479	0.0015	-0.0002	0.0011	7.94E+06	0.188	1209.470	2201	0	10495	0.0014	-0.0002	0.0010	8.41E+06	0.187	1412.240	4200	0	11233	0.0014	-0.0002	0.0009	9.21E+06	0.202	1659.490	6200	0	13014	0.0015	-0.0003	0.0010	9.91E+06	0.218
613.114	1200	0	10607	0.0016	-0.0002	0.0012	7.88E+06	0.190	1210.470	2200	0	10398	0.0014	-0.0002	0.0010	8.47E+06	0.188	1413.240	4202	0	11281	0.0014	-0.0002	0.0009	9.30E+06	0.203	1660.490	6199	0	13158	0.0015	-0.0003	0.0009	9.95E+06	0.220
614.113	1199	0	10655	0.0015	-0.0002	0.0011	7.86E+06	0.193	1211.470	2199	0	10398	0.0014	-0.0002	0.0010	8.49E+06	0.188	1414.240	4200	0	11473	0.0014	-0.0002	0.0009	9.22E+06	0.202	1661.490	6200	0	13239	0.0015	-0.0003	0.0009	1.00E+07	0.218
615.113	1200	0	10719	0.0016	-0.0002	0.0011	7.92E+06	0.194	1212.470	2201	0	10687	0.0014	-0.0002	0.0010	8.48E+06	0.187	1415.240	4199	0	11554	0.0014	-0.0002	0.0009	9.21E+06	0.203	1662.490	6199	0	13351	0.0015	-0.0003	0.0010	9.97E+06	0.218
616.113	1201	0	10735	0.0016	-0.0002	0.0012	7.87E+06	0.195	1213.460	2199	0	10800	0.0014	-0.0002	0.0010	8.43E+06	0.187	1416.240	4200	0	11634	0.0014	-0.0002	0.0009	9.24E+06	0.203	1663.490	6200	0	13271	0.0015	-0.0003	0.0010	9.99E+06	0.217
617.112	1201	0	10655	0.0016	-0.0002	0.0012	7.88E+06	0.197	1214.460	2200	0	10880	0.0014	-0.0002	0.0010	8.45E+06	0.187	1417.240	4199	0	11682	0.0014	-0.0002	0.0009	9.04E+06	0.202	1664.480	6200	0	13303	0.0015	-0.0003	0.0010	9.99E+06	0.216
618.112	1200	0	10703	0.0016	-0.0002	0.0012	7.96E+06	0.199	1215.460	2199	0	10800	0.0014	-0.0002	0.0010	8.36E+06	0.187	1418.240	4198	0	11489	0.0014	-0.0002	0.0010	9.07E+06	0.202	1665.480	6199	0	13399	0.0015	-0.0003	0.0009	9.93E+06	0.215
619.112	1201	0	10832	0.0016	-0.0002	0.0012	7.92E+06	0.200	1216.460	2198	0	10671	0.0014	-0.0002	0.0010	8.40E+06	0.186	1419.240	4200	0	11554	0.0014	-0.0002	0.0009	9.10E+06	0.201	1666.480	6199	0	13511	0.0015	-0.0003	0.0010	9.86E+06	0.215
620.111	1199	0	10896	0.0016	-0.0002	0.0012	7.97E+06	0.202	1217.460	2201	0	10623	0.0014	-0.0002	0.0010	8.42E+06	0.188	1420.240	4202	0	11714	0.0014	-0.0002	0.0010	9.03E+06	0.202	1667.480	6199	0	13592	0.0015	-0.0003	0.0010	9.80E+06	0.215
621.111	1200	0	10960	0.0016	-0.0002	0.0012	8.04E+06	0.204	1218.460	2200	0	10928	0.0014	-0.0002	0.0010	8.40E+06	0.188	1421.240	4201	0	11826	0.0014	-0.0002	0.0009	9.03E+06	0.205	1668.480	6200	0	13672	0.0015	-0.0003	0.0010	9.73E+06	0.214
622.111	1201	0	10976	0.0016	-0.0002	0.0012	7.90E+06	0.206	1219.460	2199	0	11056	0.0015	-0.0002	0.0010	8.33E+06	0.188	1422.240	4201	0	11923	0.0014	-0.0002	0.0010	9.10E+06	0.203	1669.480	6200	0	13592	0.0015	-0.0003	0.0010	9.81E+06	0.213
623.110	1203	0	10880	0.0016	-0.0002	0.0012	7.94E+06	0.206	1220.460	2200	0	11120	0.0015	-0.0002	0.0010	8.39E+06	0.190	1423.240	4200	0	11939	0.0014	-0.0002	0.0010	8.99E+06	0.204	1670.480	6199	0	13479	0.0015	-0.0003	0.0010	9.87E+06	0.213
624.110	1201	0	10928	0.0016	-0.0002	0.0012	7.96E+06	0.206	1221.460	2199	0	11056	0.0015	-0.0002	0.0010	8.33E+06	0.189	1424.240	4198	0	11794	0.0014	-0.0002	0.0010	9.05E+06	0.205	1671.480	6202	0	13656	0.0015	-0.0003	0.0010	9.84E+06	0.214
625.110	1200	0	11056	0.0016	-0.0002	0.0012	7.89E+06	0.206	1222.460	2200	0	10928	0.0015	-0.0002	0.0010	8.42E+06	0.191	1425.240	4199	0	11842	0.0014	-0.0002	0.0010	9.10E+06	0.204	1672.480	6200	0	13768	0.0015	-0.0003	0.0010	9.83E+06	0.216
626.109	1198	0	11136	0.0016	-0.0002	0.0012	7.90E+06	0.208	1223.460	2200	0	10880	0.0015	-0.0002	0.0010	8.45E+06	0.191	1426.240	4200	0	12003	0.0014	-0.0002	0.0010	9.05E+06	0.203	1673.480	6201	0	13864	0.0015	-0.0003	0.0010	9.83E+06	0.216
627.109	1200	0	11169	0.0016	-0.0002	0.0012	7.94E+06	0.209	1224.460	2200	0	11169	0.0015	-0.0002	0.0010	8.47E+06	0.191	1427.240	4199	0	12083	0.0014	-0.0002	0.0009	9.00E+06	0.203	1674.480	6200	0	13977	0.0016	-0.0003	0.0010	9.75E+06	0.215
628.109	1201	0	11217	0.0016	-0.0002	0.0012	7.81E+06	0.210	1225.460	2201	0	11281	0.0015	-0.0002	0.0010	8.44E+06	0.191	1428.240	4200	0	12180	0.0015	-0.0002	0.0010	9.06E+06	0.202	1675.480	6199	0	13896	0.0016	-0.0003	0.0010	9.73E+06	0.216
629.108	1202	0	11088	0.0016	-0.0002	0.0012	7.87E+06	0.210	1226.460	2201	0	11377	0.0015	-0.0002	0.0010	8.45E+06	0.191	1429.240	4200	0	12212	0.0015	-0.0002	0.0010	9.04E+06	0.203	1676.480	6199	0	13800	0.0015	-0.0003	0.0010	9.73E+06	0.216
630.108	1202	0	11185	0.0016	-0.0002	0.0012	7.86E+06	0.211	1227.460	2201	0	11313	0.0015	-0.0002	0.0010	8.41E+06	0.192	1430.240	4199	0	12051	0.0015	-0.0002	0.0010	9.04E+06	0.201	1677.480	6201	0	14009	0.0015	-0.0003	0.0010	9.66E+06	0.215
631.108	1200	0	11185	0.0016	-0.0002	0.0012	7.81E+06	0.212	1228.460	2199	0	11185	0.0015	-0.0002	0.0010	8.45E+06	0.193	1431.240	4200	0	12099	0.0015	-0.0002	0.0010	9.09E+06	0.201	1678.480	6199	0	14121	0.0016	-0.0003	0.0010	9.64E+06	0.215
632.107	1200	0	11265	0.0016	-0.0002	0.0012	7.78E+06	0.214	1229.460	2200	0	11185	0.0015	-0.0002	0.0010	8.44E+06	0.193	1432.230	4199	0	12260	0.0015	-0.0002	0.0010	8.98E+06	0.198	1679.480	6199	0	14169	0.0016	-0.0003	0.0010	9.56E+06	0.215
633.107	1200	0	11361	0.0016	-0.0002	0.0012	7.80E+06	0.215	1230.460	2200	0	11425	0.0015	-0.0002	0.0010	8.35E+06	0.193	1433.230	4200	0	12340	0.0015	-0.0002	0.0010	8.94E+06	0.197	1680.480	6199	0	14250	0.0016	-0.0003	0.0010	9.53E+06	0.214
634.107	1199	0	11441	0.0016	-0.0002	0.0012	7.71E+06	0.216	1231.460	2199	0	11538	0.0015	-0.0002	0.0010	8.29E+06	0.193	1434.230	4200	0	12404	0.0015	-0.0002	0.0010	8.95E+06	0.197	1681.480	6199	0	14153	0.0016	-0.0003	0.0010	9.57E+06	0.215
635.107	1201	0	11345	0.0017	-0.0002	0.0012	7.79E+06	0.217	1232.460	2201	0	11618	0.0015	-0.0002	0.0011	8.39E+06	0.196	1435.230	4201	0	12484	0													

679.092	1200	0	13190	0.0019	-0.0003	0.0013	7.66E+06	0.271	1276.440	2202	0	13271	0.0017	-0.0003	0.0012	8.61E+06	0.210	1479.220	4202	0	14330	0.0017	-0.0003	0.0011	9.27E+06	0.207	1726.470	6199	0	16560	0.0018	-0.0003	0.0011	9.48E+06	0.219
680.092	1199	0	13223	0.0019	-0.0003	0.0013	7.61E+06	0.272	1277.440	2201	0	13319	0.0017	-0.0003	0.0012	8.62E+06	0.210	1480.220	4201	0	14394	0.0017	-0.0003	0.0011	9.19E+06	0.207	1727.460	6199	0	16641	0.0018	-0.0003	0.0011	9.52E+06	0.218
681.092	1200	0	13287	0.0019	-0.0003	0.0013	7.57E+06	0.274	1278.440	2199	0	13560	0.0017	-0.0003	0.0012	8.54E+06	0.208	1481.220	4200	0	14506	0.0017	-0.0003	0.0011	9.15E+06	0.204	1728.460	6199	0	16705	0.0018	-0.0003	0.0012	9.55E+06	0.219
682.091	1202	0	13319	0.0019	-0.0003	0.0013	7.60E+06	0.278	1279.440	2201	0	13672	0.0017	-0.0003	0.0012	8.54E+06	0.209	1482.220	4198	0	14554	0.0017	-0.0003	0.0011	9.21E+06	0.204	1729.460	6200	0	16496	0.0018	-0.0003	0.0012	9.59E+06	0.221
683.091	1203	0	13255	0.0019	-0.0003	0.0013	7.61E+06	0.281	1280.440	2198	0	13736	0.0018	-0.0003	0.0012	8.48E+06	0.208	1483.220	4200	0	14587	0.0017	-0.0003	0.0011	9.17E+06	0.203	1730.460	6199	0	16384	0.0018	-0.0003	0.0012	9.59E+06	0.222
684.091	1200	0	13367	0.0019	-0.0003	0.0013	7.63E+06	0.284	1281.440	2201	0	13656	0.0018	-0.0003	0.0012	8.35E+06	0.207	1484.220	4201	0	14506	0.0017	-0.0003	0.0011	9.15E+06	0.202	1731.460	6200	0	16528	0.0018	-0.0003	0.0011	9.65E+06	0.222
685.090	1200	0	13431	0.0019	-0.0003	0.0013	7.56E+06	0.287	1282.440	2200	0	13511	0.0018	-0.0003	0.0012	8.37E+06	0.207	1485.220	4199	0	14619	0.0017	-0.0003	0.0011	9.13E+06	0.201	1732.460	6201	0	16785	0.0018	-0.0003	0.0011	9.68E+06	0.221
686.090	1199	0	13479	0.0019	-0.0003	0.0013	7.57E+06	0.289	1283.440	2201	0	13592	0.0018	-0.0003	0.0012	8.41E+06	0.209	1486.220	4199	0	14683	0.0017	-0.0003	0.0011	9.04E+06	0.202	1733.460	6200	0	16897	0.0018	-0.0003	0.0012	9.74E+06	0.220
687.090	1199	0	13511	0.0019	-0.0003	0.0013	7.58E+06	0.290	1284.440	2200	0	13800	0.0018	-0.0003	0.0012	8.41E+06	0.208	1487.220	4200	0	14747	0.0017	-0.0003	0.0011	9.05E+06	0.203	1734.460	6199	0	16978	0.0019	-0.0003	0.0012	9.68E+06	0.218
688.090	1200	0	13560	0.0019	-0.0003	0.0013	7.57E+06	0.293	1285.440	2201	0	13913	0.0018	-0.0003	0.0012	8.59E+06	0.211	1488.220	4200	0	14811	0.0017	-0.0003	0.0011	9.06E+06	0.202	1735.460	6199	0	16849	0.0019	-0.0003	0.0012	9.66E+06	0.219
689.089	1200	0	13511	0.0019	-0.0003	0.0013	7.57E+06	0.296	1286.440	2200	0	14009	0.0018	-0.0003	0.0012	8.59E+06	0.211	1489.220	4201	0	14859	0.0017	-0.0003	0.0011	9.00E+06	0.203	1736.460	6200	0	16721	0.0019	-0.0004	0.0012	9.61E+06	0.218
690.089	1199	0	13608	0.0019	-0.0003	0.0013	7.58E+06	0.298	1287.440	2200	0	13913	0.0018	-0.0003	0.0012	8.55E+06	0.211	1490.220	4200	0	14795	0.0018	-0.0003	0.0011	8.93E+06	0.203	1737.460	6200	0	16913	0.0018	-0.0003	0.0012	9.64E+06	0.218
691.089	1203	0	13656	0.0019	-0.0003	0.0013	7.55E+06	0.303	1288.440	2201	0	13768	0.0018	-0.0003	0.0012	8.58E+06	0.211	1491.220	4199	0	14907	0.0017	-0.0003	0.0011	8.88E+06	0.201	1738.460	6200	0	17106	0.0019	-0.0004	0.0012	9.68E+06	0.218
692.088	1199	0	13720	0.0019	-0.0003	0.0013	7.59E+06	0.306	1289.440	2201	0	13848	0.0018	-0.0003	0.0012	8.64E+06	0.211	1492.220	4200	0	14972	0.0018	-0.0003	0.0012	8.87E+06	0.202	1739.460	6199	0	17250	0.0019	-0.0004	0.0012	9.79E+06	0.218
693.088	1199	0	13752	0.0019	-0.0003	0.0013	7.65E+06	0.312	1290.440	2200	0	14073	0.0018	-0.0003	0.0012	8.57E+06	0.211	1493.220	4200	0	15004	0.0018	-0.0003	0.0012	8.86E+06	0.202	1740.460	6198	0	17266	0.0019	-0.0004	0.0012	9.79E+06	0.219
694.088	1200	0	13784	0.0020	-0.0003	0.0013	7.66E+06	0.317	1291.440	2201	0	14169	0.0018	-0.0003	0.0012	8.59E+06	0.210	1494.210	4200	0	15084	0.0018	-0.0003	0.0012	8.87E+06	0.202	1741.460	6201	0	17122	0.0019	-0.0004	0.0012	9.70E+06	0.218
695.087	1202	0	13736	0.0020	-0.0003	0.0013	7.68E+06	0.321	1292.440	2201	0	14250	0.0018	-0.0003	0.0012	8.58E+06	0.209	1495.210	4203	0	15132	0.0018	-0.0003	0.0012	8.87E+06	0.202	1742.460	6199	0	16945	0.0019	-0.0004	0.0012	9.59E+06	0.217
696.087	1201	0	13848	0.0020	-0.0003	0.0014	7.71E+06	0.325	1293.440	2200	0	14185	0.0018	-0.0003	0.0012	8.51E+06	0.208	1496.210	4201	0	15100	0.0018	-0.0003	0.0012	8.99E+06	0.204	1743.460	6200	0	17090	0.0019	-0.0004	0.0012	9.60E+06	0.216
697.087	1200	0	13913	0.0020	-0.0003	0.0014	7.75E+06	0.331	1294.440	2201	0	13993	0.0018	-0.0003	0.0012	8.58E+06	0.208	1497.210	4199	0	15164	0.0018	-0.0003	0.0012	9.02E+06	0.205	1744.460	6199	0	17347	0.0019	-0.0004	0.0012	9.61E+06	0.218
698.086	1200	0	13945	0.0020	-0.0003	0.0014	7.79E+06	0.337	1295.440	2201	0	14153	0.0018	-0.0003	0.0012	8.57E+06	0.208	1498.210	4200	0	15260	0.0018	-0.0003	0.0012	8.98E+06	0.204	1745.460	6199	0	17475	0.0019	-0.0004	0.0012	9.53E+06	0.218
699.086	1201	0	13961	0.0020	-0.0003	0.0014	7.76E+06	0.339	1296.440	2199	0	14330	0.0018	-0.0003	0.0012	8.52E+06	0.207	1499.210	4198	0	15309	0.0018	-0.0003	0.0012	8.96E+06	0.206	1746.460	6200	0	17587	0.0019	-0.0004	0.0012	9.41E+06	0.218
700.086	1200	0	14009	0.0020	-0.0003	0.0014	7.71E+06	0.343	1297.440	2201	0	14458	0.0018	-0.0003	0.0012	8.61E+06	0.208	1500.210	4199	0	15373	0.0018	-0.0003	0.0012	8.97E+06	0.207	1747.460	6201	0	17379	0.0019	-0.0004	0.0012	9.48E+06	0.221
701.085	1201	0	13961	0.0020	-0.0003	0.0014	7.76E+06	0.349	1298.440	2201	0	14490	0.0018	-0.0003	0.0012	8.53E+06	0.208	1501.210	4200	0	15405	0.0018	-0.0003	0.0012	9.07E+06	0.211	1748.460	6200	0	17250	0.0019	-0.0004	0.0012	9.50E+06	0.222
702.085	1200	0	14073	0.0020	-0.0003	0.0014	7.74E+06	0.353	1299.440	2201	0	14442	0.0019	-0.0003	0.0012	8.50E+06	0.208	1502.210	4200	0	15373	0.0018	-0.0003	0.0012	9.14E+06	0.212	1749.460	6199	0	17379	0.0019	-0.0004	0.0012	9.59E+06	0.222
703.085	1200	0	14137	0.0020	-0.0003	0.0014	7.69E+06	0.357	1300.440	2201	0	14298	0.0019	-0.0003	0.0012	8.58E+06	0.208	1503.210	4200	0	15501	0.0018	-0.0003	0.0012	9.17E+06	0.210	1750.460	6200	0	17668	0.0019	-0.0004	0.0012	9.63E+06	0.223
704.084	1199	0	14185	0.0020	-0.0003	0.0014	7.74E+06	0.363	1301.440	2200	0	14426	0.0018	-0.0003	0.0012	8.58E+06	0.209	1504.210	4200	0	15517	0.0018	-0.0003	0.0012	9.12E+06	0.211	1751.460	6199	0	17844	0.0019	-0.0004	0.0012	9.63E+06	0.222
705.084	1201	0	14201	0.0020	-0.0003	0.0014	7.68E+06	0.364	1302.440	2199	0	14635	0.0018	-0.0003	0.0012	8.53E+06	0.209	1505.210	4201	0	15581	0.0018	-0.0003	0.0012	9.10E+06	0.209	1752.460	6200	0	17908	0.0020	-0.0004	0.0012	9.64E+06	0.224
706.084	1199	0	14233	0.0020	-0.0003	0.0014	7.64E+06	0.369	1303.440	2200	0	14699	0.0019	-0.0003	0.0013	8.56E+06	0.209	1506.210	4197	0	15614	0.0018	-0.0003	0.0012	8.98E+06	0.211	1753.460	6200	0	17700	0.0019	-0.0004	0.0012	9.58E+06	0.225
707.083	1200	0	14233	0.0020	-0.0003	0.0014	7.65E+06	0.375	1304.440	2201	0	14779	0.0019	-0.0003	0.0013	8.63E+06	0.211	1507.210	4199	0	15662	0.0018	-0.0003	0.0012	9.07E+06	0.210	1754.460	6200	0	17555	0.0019	-0.0004	0.0012	9.52E+06	0.227
708.083	1200	0	14330	0.0020	-0.0003	0.0014	7.65E+06	0.380	1305.440	2199	0	14699	0.0019	-0.0003	0.0013	8.58E+06	0.210	1508.210	4199	0	15678	0.0018	-0.0003	0.0012	9.14E+06	0.212	1755.460	6199	0	17684	0.0019	-0.0004	0.0012	9.51E+06	0.227
709.083	1201	0	14346	0.0020	-0.0003	0.0014	7.68E+06	0.381	1306.430	2200	0	14570	0.0019	-0.0003	0.0013	8.62E+06	0.208	1509.210	4200	0	15758	0.0018	-0.0003	0.0012	9.16E+06	0.213	1756.460	6199	0	17972	0.0019	-0.0004	0.0012	9.47E+06	0.227
710.082	1200	0	14394	0.0020	-0.0003	0.0014	7.57E+06	0.382	1307.430	2201	0	14699	0.0019	-0.0003	0.0012	8.63E+06	0.209	1510.210	4201	0	15790	0.0019	-0.0003	0.0012	9.08E+06	0.212	1757.460	6199	0	18085	0.0020	-0.0004	0.0012	9.47E+06	0.227
711.082	1201	0	14410	0.0020	-0.0003	0.0014	7.56E+06	0.384	1308.430	2201	0	14875	0.0019	-0.0003	0.0013	8.62E+06	0.209	1511.210	4199	0	15822	0													

1352.420	2200	0	16817	0.0021	-0.0004	0.0014	8.63E+06	0.237	1555.200	4201	0	17780	0.0021	-0.0004	0.0013	9.58E+06	0.239	1802.440	6199	0	19898	0.0022	-0.0004	0.0013	1.02E+07	0.249
1353.420	2200	0	16785	0.0021	-0.0004	0.0014	8.61E+06	0.239	1556.200	4199	0	17860	0.0021	-0.0004	0.0013	9.62E+06	0.239	1803.440	6202	0	19914	0.0022	-0.0004	0.0013	1.02E+07	0.251
1354.420	2201	0	16657	0.0021	-0.0004	0.0014	8.67E+06	0.239	1557.190	4200	0	17860	0.0021	-0.0004	0.0013	9.65E+06	0.240	1804.440	6202	0	20187	0.0022	-0.0004	0.0013	1.02E+07	0.251
1355.420	2202	0	16849	0.0021	-0.0004	0.0014	8.70E+06	0.241	1558.190	4201	0	17924	0.0021	-0.0004	0.0013	9.66E+06	0.242	1805.440	6200	0	20412	0.0022	-0.0004	0.0013	1.02E+07	0.251
1356.420	2200	0	16961	0.0021	-0.0004	0.0014	8.59E+06	0.241	1559.190	4200	0	17988	0.0021	-0.0004	0.0013	9.70E+06	0.243	1806.440	6199	0	20524	0.0022	-0.0004	0.0013	1.02E+07	0.252
1357.420	2201	0	17042	0.0021	-0.0004	0.0014	8.61E+06	0.243	1560.190	4199	0	18021	0.0021	-0.0004	0.0013	9.74E+06	0.244	1807.440	6202	0	20395	0.0022	-0.0004	0.0013	1.02E+07	0.253
1358.420	2201	0	17090	0.0021	-0.0004	0.0014	8.55E+06	0.243	1561.190	4200	0	18053	0.0021	-0.0004	0.0013	9.77E+06	0.245	1808.440	6199	0	20299	0.0022	-0.0004	0.0013	1.02E+07	0.252
1359.420	2199	0	16994	0.0022	-0.0004	0.0014	8.62E+06	0.246	1562.190	4201	0	18101	0.0021	-0.0004	0.0014	9.72E+06	0.244	1809.440	6199	0	20315	0.0022	-0.0004	0.0013	1.02E+07	0.252
1360.420	2201	0	16913	0.0021	-0.0004	0.0014	8.66E+06	0.247	1563.190	4199	0	18165	0.0021	-0.0004	0.0013	9.74E+06	0.243	1810.440	6199	0	20572	0.0022	-0.0004	0.0013	1.02E+07	0.254
1361.420	2201	0	17058	0.0021	-0.0004	0.0014	8.64E+06	0.248	1564.190	4199	0	18229	0.0021	-0.0004	0.0013	9.79E+06	0.243	1811.440	6199	0	20781	0.0022	-0.0004	0.0013	1.03E+07	0.254
1362.420	2200	0	17218	0.0022	-0.0004	0.0014	8.46E+06	0.247	1565.190	4199	0	18261	0.0021	-0.0004	0.0013	9.76E+06	0.244	1812.440	6200	0	20909	0.0022	-0.0004	0.0014	1.04E+07	0.255
1363.420	2201	0	17298	0.0022	-0.0004	0.0014	8.52E+06	0.249	1566.190	4200	0	18293	0.0021	-0.0004	0.0014	9.75E+06	0.244	1813.440	6200	0	20748	0.0023	-0.0004	0.0014	1.03E+07	0.253
1364.420	2199	0	17331	0.0022	-0.0004	0.0014	8.45E+06	0.249	1567.190	4200	0	18374	0.0021	-0.0004	0.0014	9.69E+06	0.243	1814.440	6200	0	20604	0.0023	-0.0004	0.0014	1.03E+07	0.252
1365.420	2201	0	17298	0.0022	-0.0004	0.0014	8.39E+06	0.248	1568.190	4202	0	18422	0.0021	-0.0004	0.0013	9.68E+06	0.244	1815.440	6199	0	20636	0.0022	-0.0004	0.0014	1.03E+07	0.252
1366.420	2200	0	17186	0.0022	-0.0004	0.0014	8.42E+06	0.249	1569.190	4201	0	18454	0.0021	-0.0004	0.0014	9.61E+06	0.243	1816.440	6199	0	20925	0.0022	-0.0004	0.0013	1.02E+07	0.252
1367.420	2201	0	17363	0.0022	-0.0004	0.0014	8.39E+06	0.248	1570.190	4201	0	18486	0.0021	-0.0004	0.0014	9.63E+06	0.243	1817.440	6199	0	21102	0.0022	-0.0004	0.0014	1.02E+07	0.251
1368.420	2201	0	17459	0.0022	-0.0004	0.0014	8.33E+06	0.249	1571.190	4201	0	18518	0.0021	-0.0004	0.0014	9.58E+06	0.243	1818.440	6199	0	21198	0.0023	-0.0004	0.0014	1.02E+07	0.250
1369.410	2201	0	17555	0.0022	-0.0004	0.0014	8.35E+06	0.251	1572.190	4198	0	18582	0.0022	-0.0004	0.0014	9.57E+06	0.242	1819.440	6200	0	21053	0.0023	-0.0004	0.0014	1.02E+07	0.249
1370.410	2200	0	17619	0.0022	-0.0004	0.0014	8.30E+06	0.252	1573.190	4200	0	18646	0.0022	-0.0004	0.0014	9.62E+06	0.242	1820.440	6200	0	20861	0.0023	-0.0004	0.0014	1.02E+07	0.250
1371.410	2200	0	17523	0.0022	-0.0004	0.0015	8.33E+06	0.253	1574.190	4200	0	18678	0.0022	-0.0004	0.0014	9.52E+06	0.237	1821.430	6199	0	20877	0.0023	-0.0004	0.0014	1.02E+07	0.251
1372.410	2201	0	17427	0.0022	-0.0004	0.0014	8.40E+06	0.254	1575.190	4200	0	18727	0.0022	-0.0004	0.0014	9.47E+06	0.235	1822.430	6199	0	21166	0.0023	-0.0004	0.0014	1.02E+07	0.251
1373.410	2200	0	17587	0.0022	-0.0004	0.0014	8.40E+06	0.255	1576.190	4200	0	18791	0.0022	-0.0004	0.0014	9.50E+06	0.235	1823.430	6199	0	21374	0.0023	-0.0004	0.0014	1.03E+07	0.251
1374.410	2201	0	17716	0.0022	-0.0004	0.0014	8.38E+06	0.257	1577.190	4200	0	18823	0.0022	-0.0004	0.0014	9.48E+06	0.233	1824.430	6200	0	21551	0.0023	-0.0005	0.0014	1.02E+07	0.248
1375.410	2200	0	17812	0.0022	-0.0004	0.0014	8.43E+06	0.258	1578.190	4201	0	18839	0.0022	-0.0004	0.0014	9.44E+06	0.232	1825.430	6200	0	21326	0.0023	-0.0005	0.0014	1.03E+07	0.248
1376.410	2200	0	17812	0.0022	-0.0004	0.0014	8.34E+06	0.259	1579.190	4200	0	18903	0.0022	-0.0004	0.0014	9.46E+06	0.234	1826.430	6201	0	21214	0.0023	-0.0005	0.0014	1.03E+07	0.248
1377.410	2201	0	17764	0.0023	-0.0004	0.0015	8.31E+06	0.259	1580.190	4200	0	18967	0.0022	-0.0004	0.0014	9.49E+06	0.235	1827.430	6200	0	21150	0.0023	-0.0005	0.0014	1.03E+07	0.247
1378.410	2200	0	17700	0.0022	-0.0004	0.0014	8.36E+06	0.260	1581.190	4199	0	19015	0.0022	-0.0004	0.0014	9.48E+06	0.235	1828.430	6199	0	21487	0.0023	-0.0005	0.0014	1.02E+07	0.248
1379.410	2200	0	17876	0.0022	-0.0004	0.0014	8.31E+06	0.260	1582.190	4200	0	19031	0.0022	-0.0004	0.0014	9.47E+06	0.235	1829.430	6199	0	21679	0.0023	-0.0005	0.0014	1.01E+07	0.247
1380.410	2200	0	17972	0.0022	-0.0004	0.0014	8.31E+06	0.262	1583.190	4200	0	19064	0.0022	-0.0004	0.0014	9.48E+06	0.235	1830.430	6200	0	21840	0.0023	-0.0005	0.0014	1.02E+07	0.246
1381.410	2201	0	18037	0.0023	-0.0004	0.0015	8.39E+06	0.265	1584.190	4199	0	19096	0.0022	-0.0004	0.0014	9.47E+06	0.234	1831.430	6202	0	21599	0.0023	-0.0005	0.0014	1.03E+07	0.248
1382.410	2201	0	18069	0.0023	-0.0004	0.0015	8.31E+06	0.265	1585.190	4201	0	19160	0.0022	-0.0004	0.0014	9.53E+06	0.234	1832.430	6200	0	21455	0.0023	-0.0005	0.0014	1.03E+07	0.248
1383.410	2200	0	18037	0.0023	-0.0004	0.0015	8.35E+06	0.267	1586.190	4200	0	19224	0.0022	-0.0004	0.0014	9.50E+06	0.234	1833.430	6199	0	21422	0.0023	-0.0005	0.0014	1.04E+07	0.250
1384.410	2201	0	17972	0.0023	-0.0004	0.0015	8.39E+06	0.268	1587.190	4200	0	19240	0.0022	-0.0004	0.0014	9.49E+06	0.234	1834.430	6200	0	21743	0.0023	-0.0005	0.0014	1.04E+07	0.251
1385.410	2199	0	18101	0.0023	-0.0004	0.0015	8.35E+06	0.268	1588.180	4200	0	19304	0.0022	-0.0004	0.0014	9.41E+06	0.234	1835.430	6200	0	21920	0.0023	-0.0005	0.0014	1.05E+07	0.251
1386.410	2200	0	18229	0.0023	-0.0004	0.0015	8.34E+06	0.272	1589.180	4197	0	19336	0.0022	-0.0004	0.0014	9.42E+06	0.233	1836.430	6199	0	22080	0.0023	-0.0005	0.0014	1.03E+07	0.251
1387.410	2200	0	18261	0.0023	-0.0004	0.0015	8.44E+06	0.276	1590.180	4199	0	19352	0.0022	-0.0004	0.0014	9.46E+06	0.233	1837.430	6200	0	22016	0.0024	-0.0005	0.0014	1.01E+07	0.251
1388.410	2199	0	18325	0.0023	-0.0004	0.0015	8.38E+06	0.277	1591.180	4199	0	19401	0.0022	-0.0004	0.0014	9.44E+06	0.235	1838.430	6200	0	21904	0.0024	-0.0005	0.0014	1.00E+07	0.252
1389.410	2200	0	18277	0.0023	-0.0004	0.0015	8.42E+06	0.280	1592.180	4201	0	19449	0.0022	-0.0004	0.0014	9.44E+06	0.236	1839.430	6199	0	21840	0.0024	-0.0005	0.0014	9.92E+06	0.252
1390.410	2198	0	18229	0.0023	-0.0004	0.0015	8.48E+06	0.283	1593.180	4200	0	19513	0.0022	-0.0004	0.0014	9.46E+06	0.237	1840.430	6200	0	22128	0.0024	-0.0005	0.0014	9.84E+06	0.252
1391.410	2200	0	18390	0.0023	-0.0004	0.0015	8.38E+06	0.282	1594.180	4199	0	19497	0.0023	-0.0004	0.0014	9.50E+06	0.238	1841.430	6199	0	22289	0.0024	-0.0005	0.0014	9.84E+06	0.252
1392.410	2201	0	18470	0.0023	-0.0004	0.0015	8.25E+06	0.285	1595.180	4201	0	19593	0.0023	-0.0004	0.0014	9.47E+06	0.239	1842.430	6201	0	22417	0.0024	-0.0005	0.0014	1.00E+07	0.255
1393.410	2200	0	18534	0.0023	-0.0004	0.0015	8.25E+06	0.289	1596.180	4201	0	19609	0.0022	-0.0004	0.0014	9.45E+06	0.239	1843.430	6199	0	22209	0.0024	-0.0005	0.0014	1.02E+07	0.256
1394.410	2201	0	18550	0.0023	-0.0004	0.0015	8.26E+06	0.292	1597.180	4200	0	19689	0.0023	-0.0004	0.0014	9.46E+06	0.242	1844.430	6199	0	22145	0.0024	-0.0005	0.0014	1.03E+07	0.257
1395.410	2200	0	18518	0.0023	-0.0004																					

1428.400	2200	0	19930	0.0025	-0.0005	0.0015	7.72E+06	0.384	1631.170	4200	0	21326	0.0024	-0.0005	0.0015	9.48E+06	0.259	1878.420	6199	0	24199	0.0025	-0.0005	0.0015	1.03E+07	0.273
1429.400	2201	0	20010	0.0025	-0.0005	0.0015	7.71E+06	0.388	1632.170	4201	0	21358	0.0024	-0.0005	0.0015	9.52E+06	0.261	1879.420	6199	0	24150	0.0026	-0.0005	0.0015	1.03E+07	0.273
1430.400	2199	0	20042	0.0025	-0.0005	0.0015	7.66E+06	0.389	1633.170	4199	0	21422	0.0024	-0.0005	0.0015	9.47E+06	0.260	1880.420	6200	0	24102	0.0026	-0.0005	0.0015	1.03E+07	0.273
1431.400	2200	0	20010	0.0025	-0.0005	0.0016	7.71E+06	0.393	1634.170	4201	0	21471	0.0025	-0.0005	0.0015	9.55E+06	0.264	1881.420	6200	0	24070	0.0026	-0.0005	0.0015	1.04E+07	0.272
1432.390	2200	0	20042	0.0025	-0.0005	0.0015	7.76E+06	0.400	1635.170	4200	0	21503	0.0024	-0.0005	0.0015	9.50E+06	0.263	1882.420	6199	0	24279	0.0026	-0.0005	0.0015	1.04E+07	0.273
1433.390	2198	0	20139	0.0025	-0.0005	0.0015	7.73E+06	0.401	1636.170	4201	0	21519	0.0025	-0.0005	0.0015	9.54E+06	0.263	1883.410	6200	0	24439	0.0026	-0.0005	0.0015	1.04E+07	0.271
1434.390	2201	0	20171	0.0025	-0.0005	0.0015	7.74E+06	0.407	1637.170	4199	0	21567	0.0025	-0.0005	0.0015	9.55E+06	0.264	1884.410	6200	0	24600	0.0026	-0.0005	0.0015	1.05E+07	0.270
1435.390	2200	0	20203	0.0025	-0.0005	0.0015	7.77E+06	0.412	1638.170	4201	0	21647	0.0025	-0.0005	0.0015	9.54E+06	0.264	1885.410	6202	0	24423	0.0026	-0.0005	0.0015	1.05E+07	0.269
1436.390	2201	0	20267	0.0025	-0.0005	0.0015	7.77E+06	0.416	1639.170	4201	0	21695	0.0025	-0.0005	0.0015	9.47E+06	0.264	1886.410	6199	0	24279	0.0026	-0.0005	0.0015	1.07E+07	0.269
1437.390	2201	0	20219	0.0025	-0.0005	0.0016	7.80E+06	0.420	1640.170	4200	0	21743	0.0025	-0.0005	0.0015	9.47E+06	0.264	1887.410	6199	0	24182	0.0026	-0.0005	0.0015	1.06E+07	0.266
1438.390	2201	0	20267	0.0025	-0.0005	0.0015	7.87E+06	0.424	1641.170	4199	0	21775	0.0025	-0.0005	0.0015	9.39E+06	0.261	1888.410	6200	0	24439	0.0026	-0.0005	0.0015	1.04E+07	0.267
1439.390	2198	0	20347	0.0025	-0.0005	0.0015	7.80E+06	0.427	1642.170	4199	0	21808	0.0025	-0.0005	0.0015	9.38E+06	0.261	1889.410	6201	0	24616	0.0026	-0.0005	0.0015	1.03E+07	0.269
1440.390	2199	0	20412	0.0025	-0.0005	0.0015	7.79E+06	0.431	1643.170	4200	0	21824	0.0025	-0.0005	0.0015	9.37E+06	0.263	1890.410	6200	0	24792	0.0026	-0.0005	0.0015	1.02E+07	0.269
1441.390	2201	0	20428	0.0025	-0.0005	0.0015	7.80E+06	0.435	1644.170	4200	0	21904	0.0025	-0.0005	0.0016	9.32E+06	0.263	1891.410	6201	0	24776	0.0026	-0.0005	0.0015	1.01E+07	0.268
1442.390	2200	0	20476	0.0026	-0.0005	0.0015	7.78E+06	0.																		



1707.150	4200	0	24792	0.0028	-0.0006	0.0017	9.21E+06	0.319	1954.390	6199	0	27825	0.0029	-0.0006	0.0016	1.03E+07	0.313
1708.150	4200	0	24808	0.0028	-0.0006	0.0017	9.24E+06	0.322	1955.390	6199	0	27889	0.0029	-0.0006	0.0017	1.04E+07	0.316
1709.150	4200	0	24856	0.0028	-0.0006	0.0017	9.20E+06	0.320	1956.390	6200	0	27937	0.0029	-0.0006	0.0017	1.04E+07	0.315
1710.150	4201	0	24889	0.0028	-0.0006	0.0017	9.22E+06	0.324	1957.390	6200	0	27986	0.0029	-0.0006	0.0017	1.04E+07	0.316
1711.150	4201	0	24969	0.0028	-0.0006	0.0017	9.24E+06	0.323	1958.390	6200	0	28018	0.0029	-0.0006	0.0017	1.05E+07	0.318
1712.150	4200	0	25001	0.0028	-0.0006	0.0017	9.23E+06	0.324	1959.390	6199	0	28050	0.0029	-0.0006	0.0017	1.04E+07	0.316
1713.140	4200	0	25001	0.0028	-0.0006	0.0017	9.15E+06	0.323	1960.390	6200	0	28130	0.0029	-0.0006	0.0017	1.03E+07	0.314
1714.140	4199	0	25081	0.0028	-0.0006	0.0017	9.18E+06	0.326	1961.390	6199	0	28162	0.0029	-0.0006	0.0017	1.04E+07	0.314
1715.140	4199	0	25113	0.0028	-0.0006	0.0017	9.11E+06	0.325	1962.390	6200	0	28226	0.0029	-0.0006	0.0017	1.03E+07	0.315
1716.140	4200	0	25161	0.0028	-0.0006	0.0017	9.13E+06	0.326	1963.390	6200	0	28226	0.0030	-0.0006	0.0017	1.02E+07	0.313
1717.140	4200	0	25193	0.0029	-0.0006	0.0017	9.14E+06	0.328	1964.390	6199	0	28323	0.0030	-0.0006	0.0017	1.03E+07	0.315
1718.140	4199	0	25242	0.0029	-0.0006	0.0017	9.09E+06	0.327	1965.390	6200	0	28403	0.0030	-0.0006	0.0017	1.03E+07	0.316
1719.140	4200	0	25274	0.0029	-0.0006	0.0017	9.10E+06	0.329	1966.390	6199	0	28451	0.0030	-0.0006	0.0017	1.03E+07	0.318
1720.140	4200	0	25290	0.0029	-0.0006	0.0017	9.08E+06	0.331	1967.390	6199	0	28499	0.0030	-0.0006	0.0017	1.05E+07	0.321
1721.140	4201	0	25338	0.0029	-0.0006	0.0017	9.06E+06	0.331	1968.390	6199	0	28531	0.0030	-0.0006	0.0017	1.04E+07	0.320
1722.140	4199	0	25386	0.0029	-0.0006	0.0017	9.06E+06	0.333	1969.390	6200	0	28611	0.0030	-0.0007	0.0017	1.02E+07	0.320
1723.140	4201	0	25418	0.0029	-0.0006	0.0017	9.10E+06	0.335	1970.390	6198	0	28660	0.0030	-0.0007	0.0017	1.03E+07	0.320
1724.140	4199	0	25482	0.0029	-0.0006	0.0017	9.04E+06	0.335	1971.390	6201	0	28676	0.0030	-0.0006	0.0017	1.02E+07	0.318
1725.140	4201	0	25530	0.0029	-0.0006	0.0017	8.98E+06	0.335	1972.390	6199	0	28772	0.0030	-0.0007	0.0017	1.02E+07	0.318
1726.140	4200	0	25546	0.0029	-0.0006	0.0017	8.90E+06	0.333	1973.390	6200	0	28804	0.0030	-0.0007	0.0017	1.03E+07	0.320
1727.140	4198	0	25627	0.0029	-0.0006	0.0017	8.84E+06	0.335	1974.390	6200	0	28868	0.0030	-0.0007	0.0017	1.03E+07	0.324
1728.140	4201	0	25675	0.0029	-0.0006	0.0017	8.85E+06	0.337	1975.390	6200	0	28916	0.0030	-0.0007	0.0017	1.03E+07	0.324
1729.140	4202	0	25691	0.0029	-0.0006	0.0017	8.88E+06	0.337	1976.390	6200	0	28964	0.0030	-0.0007	0.0017	1.03E+07	0.325
1730.140	4198	0	25771	0.0029	-0.0006	0.0017	8.87E+06	0.341	1977.380	6199	0	28997	0.0030	-0.0007	0.0017	1.03E+07	0.324
1731.140	4198	0	25771	0.0029	-0.0006	0.0017	8.79E+06	0.339	1978.380	6201	0	29045	0.0030	-0.0007	0.0017	1.02E+07	0.322
1732.140	4201	0	25835	0.0029	-0.0006	0.0017	8.77E+06	0.342	1979.380	6201	0	29109	0.0030	-0.0007	0.0017	1.01E+07	0.321
1733.140	4200	0	25851	0.0029	-0.0006	0.0017	8.73E+06	0.342	1980.380	6201	0	29141	0.0030	-0.0007	0.0017	1.01E+07	0.322
1734.140	4200	0	25932	0.0029	-0.0006	0.0017	8.68E+06	0.342	1981.380	6199	0	29205	0.0031	-0.0007	0.0017	1.01E+07	0.321
1735.140	4200	0	25980	0.0029	-0.0006	0.0017	8.62E+06	0.342	1982.380	6199	0	29269	0.0031	-0.0007	0.0017	1.01E+07	0.321
1736.140	4199	0	26012	0.0029	-0.0006	0.0017	8.59E+06	0.343	1983.380	6199	0	29317	0.0030	-0.0007	0.0017	1.01E+07	0.322
1737.140	4200	0	26028	0.0029	-0.0006	0.0017	8.58E+06	0.344	1984.380	6199	0	29350	0.0031	-0.0007	0.0017	1.01E+07	0.325
1738.140	4199	0	26060	0.0030	-0.0006	0.0017	8.54E+06	0.346	1985.380	6200	0	29398	0.0031	-0.0007	0.0017	1.02E+07	0.322
1739.140	4199	0	26156	0.0030	-0.0006	0.0017	8.50E+06	0.347	1986.380	6199	0	29478	0.0031	-0.0007	0.0017	9.99E+06	0.318
1740.140	4200	0	26172	0.0030	-0.0006	0.0017	8.48E+06	0.348	1987.380	6199	0	29526	0.0031	-0.0007	0.0017	9.89E+06	0.320
1741.140	4199	0	26220	0.0030	-0.0006	0.0017	8.45E+06	0.349	1988.380	6199	0	29574	0.0031	-0.0007	0.0017	9.83E+06	0.322
1742.140	4201	0	26285	0.0030	-0.0006	0.0017	8.48E+06	0.353	1989.380	6199	0	29606	0.0031	-0.0007	0.0017	9.60E+06	0.321
1743.140	4200	0	26301	0.0030	-0.0006	0.0017	8.46E+06	0.353	1990.380	6199	0	29654	0.0031	-0.0007	0.0017	9.28E+06	0.318
1744.140	4200	0	26333	0.0030	-0.0006	0.0017	8.40E+06	0.354	1991.380	6199	0	29687	0.0031	-0.0007	0.0017	9.05E+06	0.318
1745.130	4203	0	26365	0.0030	-0.0006	0.0017	8.35E+06	0.354	1992.380	6200	0	29751	0.0031	-0.0007	0.0017	8.84E+06	0.319
1746.130	4200	0	26397	0.0030	-0.0006	0.0017	8.34E+06	0.355	1993.380	6199	0	29783	0.0031	-0.0007	0.0017	8.65E+06	0.321
1747.130	4200	0	26461	0.0030	-0.0006	0.0018	8.38E+06	0.358	1994.380	6200	0	29815	0.0031	-0.0007	0.0017	8.48E+06	0.322
1748.130	4201	0	26493	0.0030	-0.0006	0.0017	8.40E+06	0.362	1995.380	6199	0	29879	0.0031	-0.0007	0.0017	8.41E+06	0.322
1749.130	4201	0	26525	0.0030	-0.0006	0.0017	8.33E+06	0.362	1996.380	6199	0	29943	0.0031	-0.0007	0.0017	8.43E+06	0.321
1750.130	4199	0	26557	0.0030	-0.0006	0.0017	8.28E+06	0.362	1997.380	6200	0	29959	0.0031	-0.0007	0.0017	8.52E+06	0.322
1751.130	4201	0	26606	0.0030	-0.0006	0.0018	8.29E+06	0.364	1998.380	6199	0	30023	0.0031	-0.0007	0.0017	8.58E+06	0.322
1752.130	4201	0	26622	0.0030	-0.0006	0.0017	8.20E+06	0.365	1999.380	6199	0	30072	0.0031	-0.0007	0.0017	8.63E+06	0.321
1753.130	4200	0	26670	0.0030	-0.0006	0.0017	8.13E+06	0.366	2000.380	6201	0	30104	0.0031	-0.0007	0.0017	8.74E+06	0.322
1754.130	4199	0	26750	0.0030	-0.0006	0.0017	8.11E+06	0.370	2001.380	6200	0	30152	0.0031	-0.0007	0.0017	8.82E+06	0.324
1755.130	4201	0	26766	0.0030	-0.0006	0.0017	8.01E+06	0.372	2002.380	6201	0	30200	0.0031	-0.0007	0.0017	8.89E+06	0.325
1756.130	4199	0	26830	0.0030	-0.0006	0.0018	8.05E+06	0.374	2003.380	6200	0	30232	0.0031	-0.0007	0.0017	8.99E+06	0.327
1757.130	4198	0	26846	0.0030	-0.0006	0.0018	8.16E+06	0.373	2004.380	6201	0	30296	0.0032	-0.0007	0.0017	9.05E+06	0.330
1758.130	4199	0	26878	0.0031	-0.0006	0.0018	8.21E+06	0.371	2005.380	6199	0	30457	0.0032	-0.0007	0.0017	9.09E+06	0.335
1759.130	4200	0	26975	0.0031	-0.0007	0.0018	8.25E+06	0.371	2006.380	6200	0	30601	0.0032	-0.0007	0.0018	9.13E+06	0.336
1760.130	4200	0	26991	0.0031	-0.0007	0.0018	8.24E+06	0.371	2007.380	6200	0	30714	0.0032	-0.0007	0.0018	9.15E+06	0.336
1761.130	4200	0	27007	0.0031	-0.0007	0.0018	8.27E+06	0.376	2008.370	6200	0	30842	0.0032	-0.0007	0.0017	9.15E+06	0.336
1762.130	4199	0	27055	0.0031	-0.0007	0.0018	8.07E+06	0.375	2009.370	6199	0	30986	0.0032	-0.0007	0.0017	9.29E+06	0.340
1763.130	4200	0	27103	0.0031	-0.0007	0.0018	7.87E+06	0.376	2010.370	6199	0	31131	0.0032	-0.0007	0.0018	9.25E+06	0.338
1764.130	4200	0	27135	0.0031	-0.0007	0.0018	7.75E+06	0.380	2011.370	6199	0	31034	0.0032	-0.0007	0.0018	9.23E+06	0.336
1765.130	4199	0	27183	0.0031	-0.0007	0.0018	7.64E+06	0.382	2012.370	6199	0	30890	0.0032	-0.0007	0.0018	9.27E+06	0.338
1766.130	4201	0	27199	0.0031	-0.0007	0.0018	7.60E+06	0.385	2013.370	6199	0	30778	0.0032	-0.0007	0.0018	9.31E+06	0.340
1767.130	4199	0	27215	0.0031	-0.0007	0.0018	7.62E+06	0.387	2014.370	6200	0	30697	0.0032	-0.0007	0.0018	9.31E+06	0.341
1768.130	4199	0	27296	0.0031	-0.0007	0.0018	7.65E+06	0.388	2015.370	6199	0	30617	0.0032	-0.0007	0.0018	9.44E+06	0.343
1769.130	4201	0	27296	0.0031	-0.0007	0.0018	7.66E+06	0.390	2016.370	6200	0	30553	0.0032	-0.0007	0.0018	9.49E+06	0.345
1770.130	4201	0	27328	0.0031	-0.0007	0.0018	7.73E+06	0.394	2017.370	6200	0	30505	0.0032	-0.0007	0.0018	9.55E+06	0.347
1771.130	4201	0	27424	0.0031	-0.0007	0.001											

1783.120	4199	0	28579	0.0032	-0.0007	0.0018	7.74E+06	0.405	2030.370	6199	0	31837	0.0033	-0.0008	0.0018	1.03E+07	0.370
1784.120	4201	0	28627	0.0033	-0.0007	0.0018	7.73E+06	0.406	2031.370	6199	0	31853	0.0033	-0.0008	0.0018	1.03E+07	0.371
1785.120	4200	0	28579	0.0033	-0.0007	0.0018	7.74E+06	0.405	2032.370	6199	0	31901	0.0033	-0.0008	0.0018	1.03E+07	0.369
1786.120	4200	0	28563	0.0033	-0.0007	0.0018	7.72E+06	0.405	2033.370	6200	0	31949	0.0033	-0.0008	0.0018	1.04E+07	0.371
1787.120	4202	0	28339	0.0033	-0.0007	0.0018	7.73E+06	0.405	2034.370	6200	0	31997	0.0033	-0.0008	0.0018	1.05E+07	0.371
1788.120	4201	0	28194	0.0033	-0.0007	0.0018	7.74E+06	0.406	2035.370	6199	0	32078	0.0034	-0.0008	0.0018	1.05E+07	0.375
1789.120	4201	0	28194	0.0032	-0.0007	0.0018	7.75E+06	0.407	2036.370	6199	0	32078	0.0033	-0.0008	0.0018	1.07E+07	0.374
1790.120	4201	0	28194	0.0033	-0.0007	0.0018	7.77E+06	0.408	2037.370	6200	0	32094	0.0033	-0.0008	0.0018	1.07E+07	0.373
1791.120	4199	0	28355	0.0032	-0.0007	0.0018	7.72E+06	0.405	2038.370	6199	0	32158	0.0033	-0.0008	0.0018	1.06E+07	0.374
1792.120	4200	0	28515	0.0033	-0.0007	0.0018	7.68E+06	0.402	2039.360	6200	0	32174	0.0033	-0.0008	0.0018	1.07E+07	0.379
1793.120	4200	0	28660	0.0033	-0.0007	0.0018	7.72E+06	0.406	2040.360	6199	0	32286	0.0033	-0.0008	0.0018	1.05E+07	0.376
1794.120	4200	0	28772	0.0033	-0.0007	0.0018	7.73E+06	0.405	2041.360	6199	0	32318	0.0034	-0.0008	0.0018	1.01E+07	0.372
1795.120	4199	0	28852	0.0033	-0.0007	0.0018	7.74E+06	0.408	2042.360	6200	0	32318	0.0034	-0.0008	0.0018	9.94E+06	0.374
1796.020	4197	0	28884	0.0033	-0.0008	0.0018	7.70E+06	0.405	2043.360	6199	0	32366	0.0034	-0.0008	0.0018	9.71E+06	0.376
									2044.360	6200	0	32414	0.0033	-0.0008	0.0018	9.39E+06	0.376
									2045.360	6202	0	32479	0.0034	-0.0008	0.0018	9.01E+06	0.377
									2046.360	6201	0	32511	0.0034	-0.0008	0.0018	8.75E+06	0.380
									2047.360	6200	0	32527	0.0034	-0.0008	0.0018	8.69E+06	0.380
									2048.360	6199	0	32575	0.0034	-0.0008	0.0018	8.74E+06	0.384
									2049.360	6201	0	32623	0.0034	-0.0008	0.0018	8.69E+06	0.383
									2050.360	6199	0	32639	0.0034	-0.0008	0.0018	8.63E+06	0.379
									2051.360	6200	0	32719	0.0034	-0.0008	0.0018	8.71E+06	0.381
									2052.360	6199	0	32751	0.0034	-0.0008	0.0018	8.71E+06	0.382
									2053.360	6199	0	32784	0.0034	-0.0008	0.0018	8.75E+06	0.384
									2054.360	6199	0	32800	0.0034	-0.0008	0.0018	8.78E+06	0.386
									2055.360	6199	0	32864	0.0034	-0.0008	0.0018	8.76E+06	0.386
									2056.360	6199	0	32880	0.0034	-0.0008	0.0018	8.73E+06	0.389
									2057.360	6199	0	32944	0.0034	-0.0008	0.0018	8.74E+06	0.391
									2058.360	6200	0	33008	0.0034	-0.0008	0.0018	8.73E+06	0.393
									2059.360	6201	0	33008	0.0035	-0.0008	0.0018	8.69E+06	0.393
									2060.360	6199	0	33056	0.0035	-0.0008	0.0018	8.75E+06	0.399
									2061.360	6201	0	33105	0.0034	-0.0008	0.0018	8.73E+06	0.399
									2062.360	6199	0	33153	0.0034	-0.0008	0.0018	8.72E+06	0.400
									2063.360	6201	0	33153	0.0034	-0.0008	0.0018	8.72E+06	0.401
									2064.360	6199	0	33249	0.0034	-0.0008	0.0018	8.70E+06	0.402
									2065.360	6200	0	33281	0.0035	-0.0008	0.0018	8.62E+06	0.401
									2066.360	6199	0	33313	0.0035	-0.0008	0.0018	8.75E+06	0.406
									2067.360	6199	0	33345	0.0035	-0.0008	0.0018	8.78E+06	0.408
									2068.360	6200	0	33393	0.0035	-0.0008	0.0018	8.75E+06	0.410
									2069.360	6200	0	33441	0.0035	-0.0008	0.0018	8.78E+06	0.413
									2070.350	6200	0	33474	0.0035	-0.0008	0.0018	8.77E+06	0.416
									2071.350	6200	0	33490	0.0035	-0.0008	0.0018	8.77E+06	0.419
									2072.350	6199	0	33554	0.0035	-0.0008	0.0018	8.85E+06	0.422
									2073.350	6200	0	33586	0.0035	-0.0008	0.0018	8.79E+06	0.421
									2074.350	6199	0	33634	0.0035	-0.0008	0.0018	8.72E+06	0.421
									2075.350	6200	0	33682	0.0035	-0.0008	0.0018	8.82E+06	0.426
									2076.350	6198	0	33730	0.0035	-0.0008	0.0018	8.76E+06	0.425
									2077.350	6201	0	33795	0.0035	-0.0008	0.0018	8.78E+06	0.428
									2078.350	6201	0	33827	0.0035	-0.0008	0.0018	8.82E+06	0.433
									2079.350	6200	0	33843	0.0035	-0.0008	0.0018	8.79E+06	0.433
									2080.350	6199	0	33907	0.0035	-0.0008	0.0018	8.76E+06	0.436
									2081.350	6199	0	33923	0.0035	-0.0009	0.0018	8.87E+06	0.443
									2082.350	6201	0	33971	0.0035	-0.0009	0.0018	8.83E+06	0.444
									2083.350	6199	0	34003	0.0035	-0.0009	0.0018	8.74E+06	0.442
									2084.350	6200	0	34083	0.0036	-0.0009	0.0018	8.80E+06	0.448
									2085.350	6200	0	34083	0.0036	-0.0009	0.0018	8.73E+06	0.446
									2086.350	6200	0	34132	0.0035	-0.0009	0.0018	8.70E+06	0.449
									2087.350	6201	0	34196	0.0036	-0.0009	0.0018	8.76E+06	0.454
									2088.350	6201	0	34260	0.0036	-0.0009	0.0018	8.70E+06	0.454
									2089.350	6199	0	34308	0.0036	-0.0009	0.0018	8.65E+06	0.454
									2090.350	6199	0	34324	0.0036	-0.0009	0.0019	8.74E+06	0.461
									2091.350	6199	0	34388	0.0036	-0.0009	0.0018	8.69E+06	0.461
									2092.350	6199	0	34436	0.0036	-0.0009	0.0018	8.67E+06	0.464
									2093.350	6203	0	34468	0.0036	-0.0009	0.0018	8.71E+06	0.469
									2094.350	6201	0	34517	0.0036	-0.0009	0.0018	8.68E+06	0.472
									2095.350	6199	0	34581	0.0036	-0.0009	0.0019	8.58E+06	0.470
									2096.350	6199	0	34597	0.0036	-0.0009	0.0018	8.61E+06	0.474
									2097.350	6200	0	34677	0.0036	-0.0009	0.0018	8.54E+06	0.475
									2098.350	6199	0	34709	0.0036	-0.0009	0.0018	8.46E+06	0.474
									2099.350	6199	0	34741	0.0036	-0.0009	0.0018	8.47E+06	0.480
									2100.350	6201	0	34805	0.0036	-0.0009	0.0018	8.42E+06	0.480
									2101.350	6199	0	34838	0.0037	-0.0009	0.0019	8.34E+06	0.479
									2102.340	6200	0	34902	0.0037	-0.0009	0.0018	8.41E+06	0.487
									2103.340	6201	0	34902	0.0036	-0.0009	0.0018	8.37E+06	0.488
									2104.340	6200	0	34966	0.0036	-0.0009	0.0018	8.37E+06	0.492
									2105.340	6199	0	34998	0.0036	-0.0009	0.0018	8.42E+06	0.498

2106.340	6200	0	35062	0.0037	-0.0009	0.0018	8.41E+06	0.502
2107.340	6199	0	35062	0.0037	-0.0009	0.0018	8.30E+06	0.501
2108.340	6200	0	35110	0.0037	-0.0009	0.0018	8.30E+06	0.503
2109.340	6200	0	35142	0.0037	-0.0009	0.0018	8.30E+06	0.508
2110.340	6201	0	35207	0.0037	-0.0009	0.0018	8.28E+06	0.510
2111.340	6200	0	35239	0.0037	-0.0009	0.0018	8.24E+06	0.511
2112.340	6200	0	35287	0.0037	-0.0009	0.0018	8.21E+06	0.516
2113.340	6200	0	35303	0.0037	-0.0009	0.0019	8.16E+06	0.519
2114.340	6200	0	35351	0.0037	-0.0009	0.0018	8.19E+06	0.525
2115.340	6199	0	35399	0.0037	-0.0009	0.0018	8.16E+06	0.526
2116.340	6199	0	35431	0.0037	-0.0009	0.0018	8.14E+06	0.528
2117.340	6200	0	35463	0.0037	-0.0009	0.0018	8.19E+06	0.534
2118.340	6200	0	35528	0.0037	-0.0009	0.0018	8.21E+06	0.540
2119.340	6200	0	35528	0.0037	-0.0009	0.0018	8.17E+06	0.543
2120.340	6200	0	35576	0.0037	-0.0009	0.0018	8.24E+06	0.551
2121.340	6199	0	35624	0.0037	-0.0009	0.0018	8.15E+06	0.548
2122.340	6199	0	35656	0.0037	-0.0010	0.0018	8.08E+06	0.548
2123.340	6199	0	35688	0.0037	-0.0010	0.0018	8.14E+06	0.553
2124.340	6201	0	35736	0.0037	-0.0010	0.0018	8.10E+06	0.554
2125.340	6199	0	35800	0.0038	-0.0010	0.0018	8.04E+06	0.554
2126.340	6202	0	35800	0.0038	-0.0010	0.0018	8.09E+06	0.561
2127.340	6200	0	35848	0.0037	-0.0010	0.0018	8.05E+06	0.560
2128.340	6199	0	35881	0.0038	-0.0010	0.0018	8.04E+06	0.561
2129.340	6199	0	35929	0.0038	-0.0010	0.0018	8.03E+06	0.565
2130.340	6201	0	35993	0.0038	-0.0010	0.0018	8.02E+06	0.566
2131.340	6201	0	36009	0.0038	-0.0010	0.0018	8.00E+06	0.570
2132.340	6199	0	36041	0.0038	-0.0010	0.0018	8.03E+06	0.575
2133.330	6200	0	36105	0.0038	-0.0010	0.0018	8.02E+06	0.578
2134.330	6200	0	36137	0.0038	-0.0010	0.0018	7.97E+06	0.576
2135.330	6201	0	36153	0.0038	-0.0010	0.0018	7.97E+06	0.579
2136.330	6200	0	36218	0.0038	-0.0010	0.0018	7.82E+06	0.571
2137.330	6200	0	36234	0.0038	-0.0010	0.0018	7.80E+06	0.571
2138.330	6199	0	36266	0.0038	-0.0010	0.0018	7.84E+06	0.576
2139.330	6199	0	36314	0.0038	-0.0010	0.0018	7.79E+06	0.575
2140.330	6201	0	36346	0.0038	-0.0010	0.0018	7.78E+06	0.576
2141.330	6199	0	36410	0.0038	-0.0010	0.0018	7.81E+06	0.579
2142.330	6199	0	36426	0.0038	-0.0010	0.0018	7.79E+06	0.580
2143.330	6199	0	36474	0.0038	-0.0010	0.0018	7.78E+06	0.585
2144.330	6199	0	36522	0.0038	-0.0010	0.0018	7.76E+06	0.585
2145.330	6199	0	36539	0.0038	-0.0010	0.0018	7.76E+06	0.587
2146.330	6198	0	36571	0.0038	-0.0010	0.0018	7.70E+06	0.586
2147.330	6201	0	36619	0.0039	-0.0010	0.0018	7.73E+06	0.589
2148.330	6200	0	36667	0.0038	-0.0010	0.0018	7.70E+06	0.592
2149.330	6202	0	36699	0.0039	-0.0010	0.0018	7.63E+06	0.592
2150.330	6200	0	36747	0.0039	-0.0010	0.0018	7.66E+06	0.598
2151.330	6200	0	36747	0.0039	-0.0010	0.0018	7.65E+06	0.600
2152.330	6199	0	36795	0.0039	-0.0010	0.0018	7.58E+06	0.601
2153.330	6201	0	36827	0.0039	-0.0010	0.0018	7.58E+06	0.606
2154.330	6200	0	36875	0.0039	-0.0010	0.0018	7.50E+06	0.605
2155.330	6199	0	36940	0.0039	-0.0010	0.0018	7.43E+06	0.606
2156.330	6199	0	36988	0.0039	-0.0011	0.0018	7.49E+06	0.615
2157.330	6202	0	37036	0.0039	-0.0011	0.0018	7.48E+06	0.619
2158.330	6200	0	37068	0.0039	-0.0011	0.0018	7.41E+06	0.618
2159.330	6201	0	37148	0.0039	-0.0011	0.0018	7.37E+06	0.617
2160.330	6200	0	37180	0.0039	-0.0011	0.0018	7.35E+06	0.622
2161.330	6199	0	37212	0.0040	-0.0011	0.0018	7.28E+06	0.623
2162.330	6200	0	37277	0.0039	-0.0011	0.0018	7.31E+06	0.627
2163.330	6200	0	37309	0.0039	-0.0011	0.0018	7.27E+06	0.628
2164.320	6200	0	37341	0.0039	-0.0011	0.0018	7.24E+06	0.631
2165.320	6199	0	37389	0.0039	-0.0011	0.0018	7.25E+06	0.638
2166.320	6200	0	37421	0.0039	-0.0011	0.0018	7.23E+06	0.642
2167.320	6199	0	37501	0.0040	-0.0011	0.0018	7.25E+06	0.650
2168.320	6200	0	37549	0.0040	-0.0011	0.0018	7.28E+06	0.658
2169.320	6199	0	37549	0.0040	-0.0011	0.0018	7.25E+06	0.662
2170.320	6200	0	37646	0.0040	-0.0011	0.0018	7.21E+06	0.665
2171.320	6199	0	37662	0.0040	-0.0011	0.0018	7.25E+06	0.675
2172.320	6200	0	37694	0.0040	-0.0011	0.0018	7.09E+06	0.668
2173.320	6200	0	37758	0.0040	-0.0011	0.0018	7.05E+06	0.669
2174.320	6200	0	37790	0.0040	-0.0011	0.0018	7.08E+06	0.677
2175.320	6200	0	37822	0.0040	-0.0011	0.0018	7.06E+06	0.680
2176.320	6201	0	37838	0.0040	-0.0011	0.0018	7.02E+06	0.683
2177.320	6200	0	37870	0.0040	-0.0011	0.0018	6.99E+06	0.688
2178.320	6199	0	37919	0.0040	-0.0011	0.0018	6.96E+06	0.690
2179.320	6200	0	37967	0.0040	-0.0011	0.0018	6.97E+06	0.698
2180.320	6199	0	37967	0.0041	-0.0011	0.0018	7.01E+06	0.708
2181.320	6200	0	38015	0.0040	-0.0011	0.0017	7.01E+06	0.714

2182.320	6201	0	38063	0.0040	-0.0011	0.0017	6.95E+06	0.717
2183.320	6200	0	38079	0.0040	-0.0011	0.0018	6.97E+06	0.724
2184.320	6200	0	38143	0.0041	-0.0012	0.0018	6.94E+06	0.730
2185.320	6200	0	38159	0.0041	-0.0012	0.0017	6.90E+06	0.730
2186.320	6199	0	38191	0.0041	-0.0012	0.0018	6.94E+06	0.740
2187.320	6199	0	38272	0.0041	-0.0012	0.0017	6.90E+06	0.741
2188.320	6200	0	38272	0.0041	-0.0012	0.0017	6.87E+06	0.744
2189.320	6200	0	38320	0.0041	-0.0012	0.0017	6.89E+06	0.752
2190.320	6200	0	38352	0.0041	-0.0012	0.0017	6.85E+06	0.756
2191.320	6200	0	38384	0.0041	-0.0012	0.0017	6.83E+06	0.762
2192.320	6199	0	38416	0.0041	-0.0012	0.0017	6.86E+06	0.771
2193.320	6200	0	38464	0.0041	-0.0012	0.0017	6.84E+06	0.775
2194.320	6199	0	38464	0.0041	-0.0012	0.0017	6.81E+06	0.777
2195.310	6200	0	38496	0.0041	-0.0012	0.0017	6.79E+06	0.780
2196.310	6200	0	38576	0.0041	-0.0012	0.0017	6.81E+06	0.784
2197.310	6200	0	38544	0.0042	-0.0012	0.0017	6.80E+06	0.787
2198.310	6200	0	38625	0.0041	-0.0012	0.0017	6.81E+06	0.791
2199.310	6202	0	38641	0.0041	-0.0012	0.0017	6.81E+06	0.795
2200.310	6200	0	38705	0.0041	-0.0012	0.0017	6.73E+06	0.793
2201.310	6199	0	38705	0.0041	-0.0012	0.0017	6.77E+06	0.800
2202.310	6201	0	38737	0.0041	-0.0012	0.0017	6.77E+06	0.807
2203.310	6200	0	38785	0.0042	-0.0012	0.0017	6.79E+06	0.817
2204.310	6200	0	38865	0.0042	-0.0012	0.0017	6.78E+06	0.820
2205.310	6201	0	38865	0.0041	-0.0012	0.0017	6.72E+06	0.819
2206.310	6199	0	38881	0.0041	-0.0012	0.0017	6.65E+06	0.818
2207.310	6200	0	38881	0.0042	-0.0012	0.0017	6.70E+06	0.830
2208.310	6199	0	38929	0.0042	-0.0012	0.0017	6.70E+06	0.836
2209.310	6199	0	38962	0.0042	-0.0013	0.0017	6.71E+06	0.844
2210.310	6199	0	38994	0.0042	-0.0013	0.0017	6.68E+06	0.845
2211.310	6199	0	39010	0.0042	-0.0013	0.0017	6.63E+06	0.846
2212.310	6199	0	39058	0.0042	-0.0013	0.0017	6.56E+06	0.845
2213.310	6199	0	39090	0.0042	-0.0013	0.0017	6.65E+06	0.859
2214.310	6201	0	39106	0.0042	-0.0013	0.0017	6.61E+06	0.860
2215.310	6201	0	39138	0.0042	-0.0013	0.0017	6.64E+06	0.869
2216.310	6200	0	39154	0.0042	-0.0013	0.0017	6.65E+06	0.876
2217.310	6199	0	39186	0.0042	-0.0013	0.0016	6.61E+06	0.877
2218.310	6200	0	39202	0.0042	-0.0013	0.0016	6.56E+06	0.876
2219.310	6199	0	39250	0.0042	-0.0013	0.0016	6.57E+06	0.884
2220.310	6200	0	39315	0.0042	-0.0013	0.0016	6.51E+06	0.885
2221.310	6199	0	39331	0.0042	-0.0013	0.0016	6.53E+06	0.895
2222.310	6199	0	39379	0.0042	-0.0013	0.0016	6.54E+06	0.902
2223.310	6199	0	39379	0.0042	-0.0013	0.0016	6.43E+06	0.896
2224.310	6199	0	39411	0.0042	-0.0013	0.0016	6.38E+06	0.896
2225.310	6201	0	39411	0.0043	-0.0013	0.0016	6.37E+06	0.899
2226.310	6199	0	39491	0.0042	-0.0013	0.0016	6.31E+06	0.895
2227.300	6200	0	39507	0.0043	-0.0013	0.0016	6.30E+06	0.900
2228.300	6199	0	39523	0.0042	-0.0013	0.0016	6.29E+06	0.903
2229.300	6200	0	39555	0.0043	-0.0013	0.0016	6.24E+06	0.901
2230.300	6200	0	39587	0.0043	-0.0013	0.0016	6.25E+06	0.902
2231.300	6200	0	39619	0.0043	-0.0013	0.0016	6.30E+06	0.910
2232.300	6200	0	39652	0.0043	-0.0013	0.0016	6.28E+06	0.910
2233.300	6200	0	39668	0.0043	-0.0013	0.0016	6.30E+06	0.915
2234.300	6202	0	39684	0.0043	-0.0014	0.0016	6.33E+06	0.924
2235.300	6197	0	39732	0.0043	-0.0014	0.0016	6.25E+06	0.919
2236.300	6201	0	39764	0.0043	-0.0014	0.0016	6.20E+06	0.914
2237.300	6200	0	39764	0.0043	-0.0014	0.0016	6.24E+06	0.923
2238.300	6199	0	39812	0.0043	-0.0014	0.0016	6.19E+06	0.920
2239.300	6199	0	39844	0.0043	-0.0014	0.0016	6.19E+06	0.923
2240.300	6200	0	39860	0.0043	-0.0014	0.0016	6.24E+06	0.933
2241.300	6199	0	39876	0.0043	-0.0014	0.0016	6.21E+06	0.932
2242.300	6201	0	39908	0.0043	-0.0014	0.0015	6.17E+06	0.929
2243.300	6200	0	39956	0.0043	-0.0014	0.0016	6.15E+06	0.929
2244.300	6200	0	39973	0.0043	-0.0014	0.0015	6.07E+06	0.927
2245.300	6199	0	40005	0.0044	-0.0014	0.0016	6.11E+06	0.936
2246.300	6199	0	40037	0.0043	-0.0014	0.0015	6.11E+06	0.936
2247.300	6199	0	40037	0.0043	-0.0014	0.0015	6.10E+06	0.934
2248.300	6201	0	40069	0.0043	-0.0014	0.0015	6.07E+06	0.929
2249.300	6201	0	40085	0.0044	-0.0014	0.0015	6.07E+06	0.927
2250.300	6199	0	40133	0.0044	-0.0014	0.0015	6.03E+06	0.920
2251.300	6199	0	40165	0.0044	-0.0014	0.0015	6.02E+06	0.921
2252.300	6199	0	40181	0.0044	-0.0014	0.0015	6.04E+06	0.922
2253.300	6201	0	40213	0.0044	-0.0014	0.0015	6.01E+06	0.921
2254.300	6200	0	40229	0.0044	-0.0014	0.0015	6.07E+06	0.934
2255.300	6201	0	40293	0.0044	-0.0014	0.0015	6.09E+06	0.938
2256.300	6201	0	40342	0.0044	-0.0014	0.0015	6.05E+06	0.934
2257.300	6199	0	40358	0.0044	-0.0015	0.0015	6.01E+06	0.935

				2258.290	6200	0	40406	0.0044	-0.0015	0.0015	6.03E+06	0.940
				2259.290	6199	0	40390	0.0044	-0.0015	0.0015	6.02E+06	0.941
				2260.290	6201	0	40390	0.0044	-0.0015	0.0015	6.03E+06	0.947
				2261.290	6201	0	40470	0.0044	-0.0015	0.0015	6.01E+06	0.946
				2262.290	6199	0	40486	0.0044	-0.0015	0.0015	5.93E+06	0.939
				2263.290	6199	0	40518	0.0044	-0.0015	0.0015	5.89E+06	0.943
				2264.290	6200	0	40550	0.0044	-0.0015	0.0015	5.97E+06	0.958
				2265.290	6200	0	40614	0.0044	-0.0015	0.0014	5.96E+06	0.960
				2266.290	6200	0	40614	0.0044	-0.0015	0.0014	5.96E+06	0.966
				2267.290	6200	0	40663	0.0044	-0.0015	0.0014	5.95E+06	0.972
				2268.290	6200	0	40695	0.0045	-0.0015	0.0014	5.92E+06	0.975
				2269.290	6200	0	40711	0.0045	-0.0015	0.0014	5.90E+06	0.979
				2270.290	6200	0	40759	0.0044	-0.0015	0.0014	5.88E+06	0.984
				2271.290	6198	0	40791	0.0045	-0.0015	0.0014	5.84E+06	0.983
				2272.290	6199	0	40839	0.0045	-0.0015	0.0014	5.87E+06	0.995
				2273.290	6199	0	40871	0.0045	-0.0015	0.0014	5.89E+06	1.007
				2274.290	6200	0	40903	0.0045	-0.0015	0.0014	5.82E+06	1.006
				2275.290	6201	0	40935	0.0045	-0.0015	0.0014	5.84E+06	1.019
				2276.290	6199	0	40967	0.0045	-0.0015	0.0014	5.82E+06	1.023
				2277.290	6199	0	40983	0.0045	-0.0015	0.0014	5.78E+06	1.026
				2278.290	6201	0	41016	0.0045	-0.0016	0.0014	5.76E+06	1.035
				2279.290	6200	0	41064	0.0045	-0.0016	0.0014	5.76E+06	1.042
				2280.290	6200	0	41096	0.0045	-0.0016	0.0014	5.68E+06	1.045
				2281.290	6201	0	41128	0.0045	-0.0016	0.0014	5.71E+06	1.058
				2282.290	6200	0	41096	0.0045	-0.0016	0.0014	5.70E+06	1.066
				2283.290	6200	0	41176	0.0045	-0.0016	0.0014	5.66E+06	1.064
				2284.290	6202	0	41208	0.0045	-0.0016	0.0013	5.67E+06	1.073
				2285.290	6200	0	41240	0.0045	-0.0016	0.0013	5.70E+06	1.089
				2286.290	6199	0	41288	0.0045	-0.0016	0.0013	5.61E+06	1.087
				2287.290	6200	0	41272	0.0046	-0.0016	0.0014	5.62E+06	1.100
				2288.290	6199	0	41288	0.0046	-0.0016	0.0013	5.60E+06	1.107
				2289.280	6199	0	41369	0.0045	-0.0016	0.0013	5.55E+06	1.106
				2290.280	6199	0	41401	0.0046	-0.0016	0.0013	5.52E+06	1.114
				2291.280	6199	0	41401	0.0046	-0.0016	0.0013	5.59E+06	1.134
				2292.280	6199	0	41433	0.0046	-0.0016	0.0013	5.56E+06	1.140
				2293.280	6199	0	41465	0.0046	-0.0016	0.0013	5.55E+06	1.149
				2294.280	6199	0	41481	0.0046	-0.0017	0.0013	5.52E+06	1.153
				2295.280	6201	0	41513	0.0046	-0.0017	0.0013	5.46E+06	1.155
				2296.280	6201	0	41545	0.0046	-0.0017	0.0013	5.49E+06	1.173
				2297.280	6199	0	41561	0.0046	-0.0017	0.0013	5.45E+06	1.177
				2298.280	6201	0	41609	0.0046	-0.0017	0.0012	5.42E+06	1.181
				2299.280	6200	0	41625	0.0046	-0.0017	0.0013	5.37E+06	1.182
				2300.280	6200	0	41673	0.0046	-0.0017	0.0012	5.34E+06	1.184
				2301.280	6199	0	41673	0.0046	-0.0017	0.0012	5.29E+06	1.182
				2302.280	6201	0	41706	0.0046	-0.0017	0.0012	5.28E+06	1.193
				2303.280	6200	0	41706	0.0046	-0.0017	0.0012	5.24E+06	1.190
				2304.280	6201	0	41770	0.0046	-0.0017	0.0012	5.17E+06	1.188
				2305.280	6200	0	41770	0.0047	-0.0017	0.0012	5.18E+06	1.200
				2306.280	6199	0	41818	0.0046	-0.0017	0.0012	5.17E+06	1.206
				2307.280	6202	0	41834	0.0047	-0.0017	0.0012	5.15E+06	1.207
				2308.280	6200	0	41898	0.0047	-0.0017	0.0012	5.09E+06	1.208
				2309.280	6200	0	41898	0.0047	-0.0017	0.0012	5.09E+06	1.217
				2310.280	6200	0	41930	0.0047	-0.0017	0.0012	5.01E+06	1.214
				2311.280	6200	0	41946	0.0047	-0.0018	0.0012	4.98E+06	1.216
				2312.280	6197	0	41946	0.0047	-0.0018	0.0011	4.93E+06	1.212
				2313.280	6200	0	41978	0.0047	-0.0018	0.0011	4.88E+06	1.212
				2314.280	6201	0	42043	0.0047	-0.0018	0.0011	4.80E+06	1.208
				2315.280	6199	0	42027	0.0047	-0.0018	0.0011	4.79E+06	1.216
				2316.280	6200	0	42107	0.0047	-0.0018	0.0011	4.74E+06	1.211
				2317.280	6200	0	42107	0.0047	-0.0018	0.0011	4.74E+06	1.217
				2318.280	6199	0	42107	0.0047	-0.0018	0.0011	4.74E+06	1.227
				2319.280	6201	0	42155	0.0047	-0.0018	0.0011	4.68E+06	1.222
				2320.270	6199	0	42155	0.0047	-0.0018	0.0011	4.68E+06	1.231
				2321.270	6200	0	42187	0.0047	-0.0018	0.0011	4.68E+06	1.239
				2322.270	6200	0	42219	0.0047	-0.0018	0.0011	4.64E+06	1.236
				2323.270	6200	0	42235	0.0047	-0.0018	0.0011	4.64E+06	1.247
				2324.270	6200	0	42235	0.0047	-0.0018	0.0011	4.66E+06	1.262
				2325.270	6199	0	42267	0.0047	-0.0018	0.0011	4.61E+06	1.259
				2326.270	6201	0	42283	0.0047	-0.0018	0.0010	4.65E+06	1.280
				2327.270	6200	0	42315	0.0047	-0.0019	0.0010	4.63E+06	1.285
				2328.270	6199	0	42380	0.0048	-0.0019	0.0010	4.64E+06	1.295
				2329.270	6199	0	42347	0.0048	-0.0019	0.0010	4.64E+06	1.305
				2330.270	6199	0	42380	0.0048	-0.0019	0.0010	4.62E+06	1.310
				2331.270	6199	0	42412	0.0048	-0.0019	0.0010	4.60E+06	1.313
				2332.270	6201	0	42460	0.0048	-0.0019	0.0010	4.62E+06	1.328
				2333.270	6201	0	42444	0.0048	-0.0019	0.0010	4.61E+06	1.334

				2334.270	6201	0	42492	0.0048	-0.0019	0.0010	4.63E+06	1.344
				2335.270	6200	0	42492	0.0048	-0.0019	0.0010	4.61E+06	1.344
				2336.270	6199	0	42524	0.0048	-0.0019	0.0010	4.63E+06	1.352
				2337.270	6199	0	42540	0.0048	-0.0019	0.0010	4.58E+06	1.345
				2338.270	6200	0	42556	0.0048	-0.0019	0.0009	4.58E+06	1.354
				2339.270	6199	0	42588	0.0048	-0.0019	0.0010	4.58E+06	1.356
				2340.270	6199	0	42588	0.0048	-0.0019	0.0009	4.61E+06	1.369
				2341.270	6199	0	42636	0.0048	-0.0019	0.0009	4.61E+06	1.381
				2342.270	6201	0	42684	0.0048	-0.0019	0.0009	4.65E+06	1.396
				2343.270	6200	0	42668	0.0048	-0.0020	0.0009	4.63E+06	1.394
				2344.270	6202	0	42684	0.0048	-0.0020	0.0009	4.61E+06	1.396
				2345.270	6201	0	42749	0.0048	-0.0020	0.0009	4.61E+06	1.399
				2346.270	6199	0	42749	0.0048	-0.0020	0.0009	4.61E+06	1.410
				2347.270	6199	0	42797	0.0049	-0.0020	0.0009	4.62E+06	1.420
				2348.270	6199	0	42781	0.0048	-0.0020	0.0009	4.63E+06	1.427
				2349.270	6200	0	42797	0.0048	-0.0020	0.0009	4.59E+06	1.423
				2350.270	6201	0	42813	0.0049	-0.0020	0.0009	4.57E+06	1.427
				2351.270	6199	0	42845	0.0048	-0.0020	0.0008	4.56E+06	1.431
				2352.260	6199	0	42861	0.0049	-0.0020	0.0008	4.53E+06	1.431
				2353.260	6200	0	42893	0.0049	-0.0020	0.0008	4.56E+06	1.444
				2354.260	6199	0	42925	0.0049	-0.0020	0.0008	4.58E+06	1.444
				2355.260	6200	0	42925	0.0049	-0.0020	0.0008	4.54E+06	1.437
				2356.260	6200	0	42957	0.0049	-0.0020	0.0008	4.55E+06	1.439
				2357.260	6201	0	42973	0.0049	-0.0020	0.0008	4.52E+06	1.435
				2358.260	6199	0	43021	0.0049	-0.0021	0.0008	4.52E+06	1.437
				2359.260	6199	0	43005	0.0049	-0.0021	0.0008	4.54E+06	1.444
				2360.260	6199	0	43037	0.0049	-0.0021	0.0008	4.56E+06	1.452
				2361.260	6199	0	43086	0.0049	-0.0021	0.0008	4.53E+06	1.451
				2362.260	6200	0	43086	0.0049	-0.0021	0.0008	4.55E+06	1.456
				2363.260	6200	0	43102	0.0049	-0.0021	0.0007	4.51E+06	1.451
				2364.260	6200	0	43166	0.0049	-0.0021	0.0007	4.55E+06	1.466
				2365.260	6202	0	43150	0.0049	-0.0021	0.0007	4.54E+06	1.472
				2366.260	6199	0	43150	0.0049	-0.0021	0.0007	4.45E+06	1.458
				2367.260	6200	0	43182	0.0049	-0.0021	0.0007	4.43E+06	1.456
				2368.260	6200	0	43230	0.0049	-0.0021	0.0007	4.46E+06	1.466
				2369.260	6199	0	43230	0.0050	-0.0021	0.0007	4.47E+06	1.475
				2370.260	6200	0	43246	0.0050	-0.0021	0.0007	4.42E+06	1.470
				2371.260	6200	0	43262	0.0050	-0.0021	0.0007	4.43E+06	1.478
				2372.260	6199	0	43294	0.0050	-0.0022	0.0007	4.43E+06	1.486
				2373.260	6199	0	43326	0.0050	-0.0022	0.0006	4.39E+06	1.478
				2374.260	6201	0	43342	0.0050	-0.0022	0.0006	4.37E+06	1.482
				2375.260	6200	0	43358	0.0050	-0.0022	0.0006	4.35E+06	1.489
				2376.260	6199	0	43390	0.0050	-0.0022	0.0006	4.34E+06	1.497
				2377.260	6199	0	43423	0.0050	-0.0022	0.0006	4.32E+06	1.506
				2378.260	6201	0	43471	0.0050	-0.0022	0.0006	4.29E+06	1.513
				2379.260	6200	0	43503	0.0050	-0.0022	0.0006	4.28E+06	1.524
				2380.260	6201	0	43519	0.0050	-0.0022	0.0006	4.28E+06	1.532
				2381.260	6201	0	43551	0.0050	-0.0022	0.0006	4.25E+06	1.535
				2382.260	6199	0	43567	0.0050	-0.0022	0.0005	4.24E+06	1.550
				2383.250	6200	0	43567	0.0050	-0.0022	0.0005	4.21E+06	1.561
				2384.250	6199	0	43631	0.0050	-0.0023	0.0005	4.19E+06	1.567
				2385.250	6197	0	43647	0.0050	-0.0023	0.0005	4.16E+06	1.576
				2386.250	6200	0	43647	0.0050	-0.0023	0.0005	4.11E+06	1.579
				2387.250	6200	0	43727	0.0050	-0.0023	0.0005	4.09E+06	1.588
				2388.250	6200	0	43711	0.0051	-0.0023	0.0005	4.07E+06	1.597
				2389.250	6199	0	43760	0.0051	-0.0023	0.0004	4.02E+06	1.601
				2390.250	6199	0	43760	0.0050	-0.0023	0.0004	4.00E+06	1.605
				2391.250	6199	0	43760	0.0051	-0.0023	0.0004	3.98E+06	1.615
				2392.250	6201	0	43808	0.0051	-0.0023	0.0004	3.94E+06	1.624
				2393.250	6200	0	43856	0.0051	-0.0023	0.0004	3.91E+06	1.632
				2394.250	6201	0	43872	0.0051	-0.0024	0.0004	3.88E+06	1.639
				2395.250	6199	0	43872	0.0051	-0.0024	0.0004	3.84E+06	1.641
				2396.250	6200	0	43920	0.0051	-0.0024	0.0004	3.79E+06	1.644
				2397.250	6200	0	43920	0.0051	-0.0024	0.0003	3.74E+06	1.649
				2398.250	6199	0	43936	0.0051	-0.0024	0.0003	3.67E+06	1.647
				2399.250	6200	0	43968	0.0051	-0.0024	0.0003	3.65E+06	1.655
				2400.250	6199	0	43984	0.0051	-0.0024	0.0003	3.62E+06	1.658
				2401.250	6200	0	44000	0.0051	-0.0024	0.0003	3.56E+06	1.666
				2402.250	6199	0	44016	0.0051	-0.0024	0.0003	3.53E+06	1.673
				2403.250	6200	0	44016	0.0051	-0.0024	0.0003	3.48E+06	1.673
				2404.250	6199	0	44064	0.0051	-0.0024	0.0002	3.48E+06	1.690
				2405.250	6199	0	44113	0.0051	-0.0025	0.0002	3.46E+06	1.698
				2406.250	6200	0	44097	0.0052	-0.0025	0.0002	3.44E+06	1.708
				2407.250	6199	0	44097	0.0052	-0.0025	0.0002	3.42E+06	1.715
				2408.250	6201	0	44113	0.0052	-0.0025	0.0002	3.38E+06	1.716
				2409.250	6200	0	44161	0.0052	-0.0025	0.0002	3.35E+06	1.720

2410.250	6200	0	44161	0.0052	-0.0025	0.0002	3.34E+06	1.732
2411.250	6199	0	44177	0.0052	-0.0025	0.0002	3.32E+06	1.738
2412.250	6199	0	44177	0.0052	-0.0025	0.0001	3.29E+06	1.752
2413.250	6199	0	44209	0.0052	-0.0025	0.0001	3.26E+06	1.752
2414.240	6201	0	44209	0.0052	-0.0025	0.0001	3.23E+06	1.753
2415.240	6201	0	44257	0.0052	-0.0026	0.0001	3.23E+06	1.770
2416.240	6200	0	44289	0.0052	-0.0026	0.0001	3.25E+06	1.794
2417.240	6200	0	44273	0.0052	-0.0026	0.0001	3.20E+06	1.785
2418.240	6199	0	44321	0.0052	-0.0026	0.0001	3.19E+06	1.805
2419.240	6199	0	44305	0.0052	-0.0026	0.0000	3.20E+06	1.818
2420.240	6199	0	44369	0.0052	-0.0026	0.0000	3.22E+06	1.832
2421.240	6198	0	44337	0.0052	-0.0026	0.0000	3.21E+06	1.836
2422.240	6200	0	44369	0.0052	-0.0026	0.0000	3.19E+06	1.832
2423.240	6200	0	44385	0.0053	-0.0026	0.0000	3.18E+06	1.836
2424.240	6198	0	44434	0.0053	-0.0026	0.0000	3.14E+06	1.837
2425.240	6199	0	44450	0.0053	-0.0026	0.0000	3.12E+06	1.843
2426.240	6199	0	44401	0.0053	-0.0027	0.0000	3.12E+06	1.851
2427.240	6201	0	44450	0.0053	-0.0027	-0.0001	3.12E+06	1.859
2428.240	6201	0	44482	0.0053	-0.0027	-0.0001	3.07E+06	1.844
2429.240	6201	0	44482	0.0053	-0.0027	-0.0001	3.06E+06	1.858
2430.240	6199	0	44498	0.0053	-0.0027	-0.0001	3.04E+06	1.869
2431.240	6199	0	44514	0.0053	-0.0027	-0.0001	3.06E+06	1.871
2432.240	6199	0	44530	0.0053	-0.0027	-0.0001	3.05E+06	1.872
2433.240	6200	0	44530	0.0053	-0.0027	-0.0001	3.02E+06	1.870
2434.240	6201	0	44562	0.0053	-0.0027	-0.0002	3.00E+06	1.878
2435.240	6199	0	44562	0.0053	-0.0027	-0.0002	3.01E+06	1.887
2436.240	6201	0	44578	0.0053	-0.0027	-0.0002	2.97E+06	1.889
2437.240	6200	0	44562	0.0053	-0.0028	-0.0002	2.95E+06	1.888
2438.240	6199	0	44594	0.0053	-0.0028	-0.0002	2.92E+06	1.895
2439.240	6200	0	44626	0.0053	-0.0028	-0.0002	2.89E+06	1.901
2440.240	6199	0	44626	0.0053	-0.0028	-0.0002	2.90E+06	1.915
2441.240	6199	0	44658	0.0053	-0.0028	-0.0003	2.86E+06	1.908
2442.240	6199	0	44674	0.0053	-0.0028	-0.0003	2.85E+06	1.907
2443.240	6200	0	44642	0.0053	-0.0028	-0.0003	2.82E+06	1.907
2444.240	6198	0	44706	0.0053	-0.0028	-0.0003	2.80E+06	1.913
2445.240	6199	0	44738	0.0053	-0.0028	-0.0003	2.77E+06	1.918
2446.230	6200	0	44738	0.0054	-0.0028	-0.0003	2.78E+06	1.926
2447.230	6199	0	44754	0.0054	-0.0028	-0.0003	2.73E+06	1.918
2448.230	6200	0	44754	0.0054	-0.0029	-0.0003	2.70E+06	1.916
2449.230	6199	0	44722	0.0054	-0.0029	-0.0004	2.65E+06	1.907
2450.230	6199	0	44738	0.0054	-0.0029	-0.0004	2.62E+06	1.900
2451.230	6199	0	44787	0.0054	-0.0029	-0.0004	2.59E+06	1.889
2452.230	6199	0	44819	0.0054	-0.0029	-0.0004	2.55E+06	1.890
2453.230	6200	0	44819	0.0054	-0.0029	-0.0004	2.53E+06	1.893
2454.230	6199	0	44819	0.0054	-0.0029	-0.0004	2.51E+06	1.899
2455.230	6200	0	44803	0.0054	-0.0029	-0.0004	2.51E+06	1.910
2456.230	6200	0	44883	0.0054	-0.0029	-0.0005	2.48E+06	1.912
2457.230	6201	0	44867	0.0054	-0.0029	-0.0005	2.47E+06	1.919
2458.230	6203	0	44883	0.0054	-0.0030	-0.0005	2.47E+06	1.926
2459.230	6200	0	44899	0.0054	-0.0030	-0.0005	2.44E+06	1.935
2460.230	6199	0	44899	0.0054	-0.0030	-0.0005	2.45E+06	1.954
2461.230	6199	0	44867	0.0054	-0.0030	-0.0005	2.42E+06	1.967
2462.230	6201	0	44931	0.0054	-0.0030	-0.0005	2.39E+06	1.962
2463.230	6200	0	44931	0.0054	-0.0030	-0.0006	2.35E+06	1.967
2464.230	6199	0	44915	0.0054	-0.0030	-0.0006	2.32E+06	1.963
2465.230	6199	0	45011	0.0054	-0.0030	-0.0006	2.30E+06	1.964
2466.230	6200	0	44963	0.0055	-0.0030	-0.0006	2.30E+06	1.978
2467.230	6200	0	44979	0.0055	-0.0030	-0.0006	2.28E+06	1.984
2468.230	6199	0	44995	0.0055	-0.0030	-0.0006	2.27E+06	1.995
2469.230	6199	0	44979	0.0055	-0.0031	-0.0006	2.24E+06	2.019
2470.230	6200	0	45011	0.0055	-0.0031	-0.0006	2.23E+06	2.033
2471.230	6200	0	45027	0.0055	-0.0031	-0.0007	2.23E+06	2.048
2472.230	6201	0	45027	0.0055	-0.0031	-0.0007	2.26E+06	2.067
2473.230	6201	0	45027	0.0055	-0.0031	-0.0007	2.26E+06	2.066
2474.230	6199	0	45043	0.0055	-0.0031	-0.0007	2.26E+06	2.074
2475.230	6202	0	45043	0.0055	-0.0031	-0.0007	2.24E+06	2.086
2476.230	6199	0	45059	0.0055	-0.0031	-0.0007	2.20E+06	2.084
2477.220	6199	0	45059	0.0055	-0.0031	-0.0008	2.18E+06	2.089
2478.220	6200	0	45091	0.0055	-0.0031	-0.0008	2.17E+06	2.097
2479.220	6200	0	45075	0.0055	-0.0032	-0.0008	2.15E+06	2.089
2480.220	6199	0	45123	0.0055	-0.0032	-0.0008	2.16E+06	2.104
2481.220	6201	0	45107	0.0055	-0.0032	-0.0008	2.15E+06	2.121
2482.220	6200	0	45140	0.0055	-0.0032	-0.0008	2.14E+06	2.127
2483.220	6199	0	45156	0.0055	-0.0032	-0.0008	2.14E+06	2.132
2484.220	6201	0	45123	0.0055	-0.0032	-0.0009	2.12E+06	2.136
2485.220	6200	0	45156	0.0055	-0.0032	-0.0009	2.12E+06	2.156

				2486.220	6200	0	45140	0.0055	-0.0032	-0.0009	2.12E+06	2.170
				2487.220	6201	0	45172	0.0056	-0.0032	-0.0009	2.10E+06	2.189
				2488.220	6199	0	45188	0.0056	-0.0032	-0.0009	2.10E+06	2.213
				2489.220	6201	0	45204	0.0056	-0.0033	-0.0009	2.08E+06	2.217
				2490.220	6200	0	45220	0.0056	-0.0033	-0.0010	2.07E+06	2.227
				2491.220	6199	0	45236	0.0056	-0.0033	-0.0010	2.10E+06	2.241
				2492.220	6199	0	45220	0.0056	-0.0033	-0.0010	2.08E+06	2.237
				2493.220	6199	0	45220	0.0056	-0.0033	-0.0010	2.05E+06	2.239
				2494.220	6199	0	45220	0.0056	-0.0033	-0.0010	2.04E+06	2.235
				2495.220	6200	0	45236	0.0056	-0.0033	-0.0010	1.99E+06	2.228
				2496.220	6199	0	45252	0.0056	-0.0033	-0.0011	1.98E+06	2.243
				2497.220	6199	0	45316	0.0056	-0.0033	-0.0011	1.99E+06	2.253
				2498.220	6199	0	45300	0.0056	-0.0033	-0.0011	1.95E+06	2.252
				2499.220	6199	0	45316	0.0056	-0.0034	-0.0011	1.90E+06	2.246
				2500.220	6201	0	45316	0.0056	-0.0034	-0.0011	1.87E+06	2.248
				2501.220	6199	0	45332	0.0056	-0.0034	-0.0011	1.85E+06	2.252
				2502.220	6200	0	45316	0.0056	-0.0034	-0.0011	1.79E+06	2.245
				2503.220	6199	0	45316	0.0056	-0.0034	-0.0012	1.76E+06	2.252
				2504.220	6199	0	45332	0.0056	-0.0034	-0.0012	1.73E+06	2.253
				2505.220	6199	0	45396	0.0056	-0.0034	-0.0012	1.69E+06	2.261
				2506.220	6199	0	45380	0.0056	-0.0034	-0.0012	1.66E+06	2.269
				2507.220	6199	0	45348	0.0056	-0.0034	-0.0012	1.63E+06	2.276
				2508.210	6199	0	45396	0.0057	-0.0035	-0.0013	1.59E+06	2.268
				2509.210	6199	0	45364	0.0057	-0.0035	-0.0013	1.58E+06	2.285
				2510.210	6200	0	45380	0.0057	-0.0035	-0.0013	1.54E+06	2.299
				2511.210	6201	0	45396	0.0057	-0.0035	-0.0013	1.51E+06	2.320
				2512.210	6199	0	45428	0.0057	-0.0035	-0.0013	1.46E+06	2.326
				2513.210	6199	0	45396	0.0057	-0.0035	-0.0014	1.42E+06	2.326
				2514.210	6200	0	45412	0.0057	-0.0035	-0.0014	1.39E+06	2.324
				2515.210	6199	0	45461	0.0057	-0.0035	-0.0014	1.36E+06	2.330
				2516.210	6200	0	45444	0.0057	-0.0035	-0.0014	1.33E+06	2.324
				2517.210	6200	0	45461	0.0057	-0.0036	-0.0014	1.30E+06	2.325
				2518.210	6201	0	45444	0.0057	-0.0036	-0.0014	1.26E+06	2.338
				2519.210	6199	0	45477	0.0057	-0.0036	-0.0015	1.22E+06	2.357
				2520.210	6200	0	45444	0.0057	-0.0036	-0.0015	1.18E+06	2.382
				2521.210	6199	0	45477	0.0057	-0.0036	-0.0015	1.13E+06	2.398
				2522.210	6199	0	45509	0.0057	-0.0036	-0.0015	1.09E+06	2.390
				2523.210	6201	0	45461	0.0057	-0.0036	-0.0015	1.08E+06	2.415
				2524.210	6199	0	45477	0.0057	-0.0036	-0.0016	1.05E+06	2.434
				2525.210	6199	0	45493	0.0057	-0.0037	-0.0016	1.04E+06	2.454
				2526.210	6199	0	45525	0.0057	-0.0037	-0.0016	9.96E+05	2.446
				2527.210	6199	0	45461	0.0057	-0.0037	-0.0016	9.38E+05	2.439
				2528.210	6199	0	45525	0.0058	-0.0037	-0.0016	8.72E+05	2.433
				2529.210	6199	0	45493	0.0058	-0.0037	-0.0017	8.11E+05	2.433
				2530.210	6199	0	45509	0.0058	-0.0037	-0.0017	7.70E+05	2.436
				2531.210	6200	0	45509	0.0058	-0.0037	-0.0017	7.54E+05	2.444
				2532.210	6200	0	45525	0.0058	-0.0037	-0.0017	7.10E+05	2.459
				2533.210	6199	0	45541	0.0058	-0.0038	-0.0017	6.59E+05	2.477
				2534.210	6200	0	45541	0.0058	-0.0038	-0.0018	6.16E+05	2.488
				2535.210	6200	0	45525	0.0058	-0.0038	-0.0018	5.56E+05	2.501
				2536.210	6201	0	45541	0.0058	-0.0038	-0.0018	4.99E+05	2.529
				2537.210	6200	0	45541	0.0058	-0.0038	-0.0018	4.44E+05	2.543
				2538.210	6203	0	45541	0.0058	-0.0038	-0.0019	3.91E+05	2.556
				2539.200	6199	0	45573	0.0058	-0.0038	-0.0019	3.08E+05	2.578
				2540.200	6201	0	45573	0.0058	-0.0039	-0.0019	2.37E+05	2.594
				2541.200	6199	0	45573	0.0058	-0.0039	-0.0019	1.94E+05	2.606
				2542.200	6201	0	45557	0.0058	-0.0039	-0.0019	1.24E+05	2.602
				2543.200	6199	0	45541	0.0058	-0.0039	-0.0020	6.15E+04	2.607
				2544.200	6199	0	45557	0.0058	-0.0039	-0.0020	-1.27E+04	2.601
				2545.200	6200	0	45573	0.0058	-0.0039	-0.0020	-7.09E+04	2.600
				2546.200	6199	0	45557	0.0058	-0.0039	-0.0020	-1.35E+05	2.593
				2547.200	6200	0	45589	0.0059	-0.0040	-0.0020	-2.12E+05	2.618
				2548.200	6200	0	45573	0.0058	-0.0040	-0.0021	-2.78E+05	2.618
				2549.200	6199	0	45573	0.0059	-0.0040	-0.0021	-3.67E+05	2.628
				2550.200	6199	0	45589	0.0059	-0.0040	-0.0021	-4.41E+05	2.629
				2551.200	6199	0	45573	0.0059	-0.0040	-0.0021	-5.08E+05	2.632
				2552.200	6200	0	45525	0.0059	-0.0040	-0.0022	-5.75E+05	2.649
				2553.200	6201	0	45525	0.0059	-0.0040	-0.0022	-6.60E+05	2.654
				2554.200	6202	0	45541	0.0059	-0.0041	-0.0022	-7.25E+05	2.670
				2555.200	6199	0	45573	0.0059	-0.0041	-0.0023	-8.17E+05	2.688
				2556.200	6199	0	45573	0.0059	-0.0041	-0.0023	-9.04E+05	2.695
				2557.200	6199	0	45525	0.0059	-0.0041	-0.0023	-9.97E+05	2.705
				2558.200	6199	0	45541	0.0059	-0.0041	-0.0023	-1.08E+06	2.706
				2559.200	6201	0	45525	0.0059	-0.0041	-0.0024	-1.15E+06	2.705
				2560.200	6200	0	45525	0.0059	-0.0042	-0.0024	-1.23E+06	2.722
				2561.200	6201	0	45509	0.0059	-0.0042	-0.0024	-1.33E+06	2.735



				2562.200	6200	0	45509	0.0059	-0.0042	-0.0025	-1.42E+06	2.752
				2563.200	6200	0	45493	0.0059	-0.0042	-0.0025	-1.50E+06	2.741
				2564.200	6200	0	45461	0.0060	-0.0042	-0.0025	-1.59E+06	2.746
				2565.200	6201	0	45461	0.0060	-0.0042	-0.0025	-1.68E+06	2.758
				2566.200	6199	0	45493	0.0060	-0.0043	-0.0025	-1.76E+06	2.768
				2567.200	6199	0	45444	0.0060	-0.0043	-0.0026	-1.85E+06	2.769
				2568.200	6200	0	45444	0.0060	-0.0043	-0.0026	-1.94E+06	2.771
				2569.200	6199	0	45428	0.0060	-0.0043	-0.0026	-2.06E+06	2.789
				2570.200	6199	0	45428	0.0060	-0.0043	-0.0027	-2.14E+06	2.799
				2571.190	6200	0	45428	0.0060	-0.0044	-0.0027	-2.26E+06	2.828
				2572.190	6200	0	45380	0.0060	-0.0044	-0.0027	-2.35E+06	2.836
				2573.190	6198	0	45364	0.0060	-0.0044	-0.0028	-2.45E+06	2.839
				2574.190	6199	0	45348	0.0060	-0.0044	-0.0028	-2.56E+06	2.864
				2575.190	6199	0	45348	0.0060	-0.0044	-0.0028	-2.68E+06	2.886
				2576.190	6200	0	45348	0.0060	-0.0044	-0.0029	-2.79E+06	2.911
				2577.190	6200	0	45316	0.0060	-0.0045	-0.0029	-2.87E+06	2.909
				2578.190	6200	0	45316	0.0060	-0.0045	-0.0029	-2.99E+06	2.919
				2579.190	6199	0	45300	0.0060	-0.0045	-0.0030	-3.10E+06	2.921
				2580.190	6199	0	45252	0.0061	-0.0045	-0.0030	-3.19E+06	2.929
				2581.190	6199	0	45236	0.0061	-0.0045	-0.0030	-3.29E+06	2.934
				2582.190	6199	0	45204	0.0061	-0.0046	-0.0031	-3.39E+06	2.941
				2583.190	6199	0	45204	0.0061	-0.0046	-0.0031	-3.49E+06	2.953
				2584.190	6201	0	45172	0.0061	-0.0046	-0.0031	-3.61E+06	2.977
				2585.190	6199	0	45172	0.0061	-0.0046	-0.0032	-3.72E+06	2.994
				2586.190	6201	0	45107	0.0061	-0.0046	-0.0032	-3.83E+06	3.006
				2587.190	6199	0	45107	0.0061	-0.0047	-0.0032	-3.96E+06	3.026
				2588.190	6201	0	45075	0.0061	-0.0047	-0.0033	-4.08E+06	3.046
				2589.190	6201	0	45027	0.0061	-0.0047	-0.0033	-4.20E+06	3.063
				2590.190	6199	0	44995	0.0061	-0.0047	-0.0034	-4.33E+06	3.084
				2591.190	6201	0	44979	0.0061	-0.0048	-0.0034	-4.47E+06	3.107
				2592.190	6199	0	44915	0.0061	-0.0048	-0.0034	-4.59E+06	3.121
				2593.190	6199	0	44899	0.0062	-0.0048	-0.0035	-4.71E+06	3.135
				2594.190	6199	0	44851	0.0062	-0.0048	-0.0035	-4.82E+06	3.140
				2595.190	6199	0	44867	0.0062	-0.0049	-0.0035	-4.92E+06	3.149
				2596.190	6199	0	44787	0.0062	-0.0049	-0.0036	-5.02E+06	3.165
				2597.190	6201	0	44770	0.0062	-0.0049	-0.0036	-5.12E+06	3.183
				2598.190	6200	0	44690	0.0062	-0.0049	-0.0036	-5.25E+06	3.205
				2599.190	6200	0	44690	0.0062	-0.0049	-0.0037	-5.38E+06	3.227
				2600.190	6199	0	44626	0.0062	-0.0050	-0.0037	-5.48E+06	3.227
				2601.190	6200	0	44610	0.0062	-0.0050	-0.0037	-5.61E+06	3.253
				2602.180	6200	0	44594	0.0062	-0.0050	-0.0038	-5.70E+06	3.267
				2603.180	6199	0	44514	0.0062	-0.0050	-0.0038	-5.83E+06	3.291
				2604.180	6201	0	44498	0.0062	-0.0050	-0.0038	-5.94E+06	3.307
				2605.180	6201	0	44482	0.0062	-0.0051	-0.0039	-6.07E+06	3.337
				2606.180	6201	0	44401	0.0062	-0.0051	-0.0039	-6.24E+06	3.380
				2607.180	6199	0	44385	0.0062	-0.0051	-0.0039	-6.37E+06	3.406
				2608.180	6200	0	44369	0.0062	-0.0051	-0.0040	-6.50E+06	3.433
				2609.180	6200	0	44321	0.0062	-0.0051	-0.0040	-6.58E+06	3.439
				2610.180	6200	0	44289	0.0063	-0.0051	-0.0040	-6.69E+06	3.457
				2611.180	6199	0	44241	0.0063	-0.0052	-0.0041	-6.77E+06	3.472
				2612.180	6200	0	44177	0.0063	-0.0052	-0.0041	-6.86E+06	3.483
				2613.180	6201	0	44177	0.0063	-0.0052	-0.0041	-6.99E+06	3.515
				2614.180	6200	0	44113	0.0063	-0.0052	-0.0042	-7.04E+06	3.512
				2615.180	6199	0	44080	0.0063	-0.0052	-0.0042	-7.10E+06	3.511
				2616.180	6199	0	44032	0.0063	-0.0053	-0.0042	-7.24E+06	3.550
				2617.180	6199	0	43968	0.0063	-0.0053	-0.0043	-7.33E+06	3.569
				2618.180	6199	0	43952	0.0063	-0.0053	-0.0043	-7.43E+06	3.587
				2619.180	6199	0	43904	0.0063	-0.0053	-0.0043	-7.50E+06	3.598
				2620.180	6201	0	43920	0.0063	-0.0053	-0.0044	-7.48E+06	3.565
				2621.180	6200	0	43888	0.0063	-0.0053	-0.0044	-7.48E+06	3.553
				2622.180	6200	0	43824	0.0063	-0.0054	-0.0044	-7.58E+06	3.583
				2623.180	6199	0	43776	0.0063	-0.0054	-0.0044	-7.57E+06	3.576
				2624.180	6200	0	43743	0.0063	-0.0054	-0.0045	-7.62E+06	3.581
				2625.180	6200	0	43695	0.0063	-0.0054	-0.0045	-7.63E+06	3.584
				2626.180	6200	0	43679	0.0063	-0.0054	-0.0045	-7.65E+06	3.579
				2627.180	6199	0	43679	0.0063	-0.0054	-0.0046	-7.67E+06	3.576
				2628.180	6201	0	43599	0.0063	-0.0055	-0.0046	-7.70E+06	3.589
				2629.180	6199	0	43551	0.0063	-0.0055	-0.0046	-7.67E+06	3.567
				2630.180	6199	0	43535	0.0063	-0.0055	-0.0046	-7.63E+06	3.548
				2631.180	6199	0	43503	0.0063	-0.0055	-0.0047	-7.60E+06	3.538
				2632.180	6199	0	43471	0.0064	-0.0055	-0.0047	-7.59E+06	3.526
				2633.170	6200	0	43455	0.0064	-0.0055	-0.0047	-7.58E+06	3.523
				2634.170	6200	0	43423	0.0064	-0.0056	-0.0047	-7.51E+06	3.494
				2635.170	6200	0	43374	0.0064	-0.0056	-0.0048	-7.50E+06	3.494
				2636.170	6201	0	43342	0.0064	-0.0056	-0.0048	-7.48E+06	3.479
				2637.170	6200	0	43342	0.0064	-0.0056	-0.0048	-7.41E+06	3.455

				2638.170	6200	0	43278	0.0064	-0.0056	-0.0048	-7.22E+06	3.375
				2639.170	6199	0	43246	0.0064	-0.0056	-0.0048	-7.10E+06	3.323
				2640.170	6201	0	43230	0.0064	-0.0056	-0.0049	-7.02E+06	3.293
				2641.170	6200	0	43198	0.0064	-0.0056	-0.0049	-6.93E+06	3.255
				2642.170	6199	0	43150	0.0064	-0.0057	-0.0049	-6.80E+06	3.202
				2643.170	6199	0	43134	0.0064	-0.0057	-0.0049	-6.78E+06	3.184
				2644.170	6200	0	43102	0.0064	-0.0057	-0.0050	-6.72E+06	3.155
				2645.170	6201	0	43070	0.0064	-0.0057	-0.0050	-6.66E+06	3.122
				2646.170	6200	0	43037	0.0064	-0.0057	-0.0050	-6.61E+06	3.108
				2647.170	6199	0	43005	0.0064	-0.0057	-0.0050	-6.52E+06	3.085
				2648.170	6200	0	43021	0.0064	-0.0057	-0.0051	-6.47E+06	3.073
				2649.170	6200	0	42957	0.0064	-0.0058	-0.0051	-6.38E+06	3.040
				2650.170	6201	0	42941	0.0064	-0.0058	-0.0051	-6.32E+06	3.019
				2651.170	6199	0	42909	0.0064	-0.0058	-0.0051	-6.22E+06	2.975
				2652.170	6201	0	42861	0.0064	-0.0058	-0.0051	-6.18E+06	2.969
				2653.170	6201	0	42861	0.0064	-0.0058	-0.0052	-6.11E+06	2.952
				2654.170	6201	0	42829	0.0065	-0.0058	-0.0052	-6.03E+06	2.930
				2655.170	6202	0	42813	0.0065	-0.0058	-0.0052	-5.98E+06	2.914
				2656.170	6200	0	42765	0.0065	-0.0059	-0.0052	-5.95E+06	2.906
				2657.170	6201	0	42749	0.0065	-0.0059	-0.0053	-5.91E+06	2.895
				2658.170	6200	0	42749	0.0065	-0.0059	-0.0053	-5.87E+06	2.883
				2659.170	6199	0	42684	0.0065	-0.0059	-0.0053	-5.80E+06	2.863
				2660.170	6199	0	42668	0.0065	-0.0059	-0.0053	-5.70E+06	2.835
				2661.170	6199	0	42604	0.0065	-0.0059	-0.0053	-5.63E+06	2.816
				2662.170	6199	0	42636	0.0065	-0.0059	-0.0054	-5.58E+06	2.808
				2663.170	6199	0	42620	0.0065	-0.0059	-0.0054	-5.53E+06	2.796
				2664.160	6200	0	42572	0.0065	-0.0059	-0.0054	-5.51E+06	2.791
				2665.160	6199	0	42556	0.0065	-0.0060	-0.0054	-5.44E+06	2.772
				2666.160	6199	0	42524	0.0065	-0.0060	-0.0054	-5.39E+06	2.756
				2667.160	6201	0	42524	0.0065	-0.0060	-0.0055	-5.37E+06	2.755
				2668.160	6201	0	42476	0.0065	-0.0060	-0.0055	-5.32E+06	2.744
				2669.160	6199	0	42444	0.0065	-0.0060	-0.0055	-5.30E+06	2.744
				2670.160	6199	0	42412	0.0065	-0.0060	-0.0055	-5.30E+06	2.757
				2671.160	6199	0	42412	0.0065	-0.0060	-0.0055	-5.24E+06	2.733
				2672.160	6199	0	42396	0.0065	-0.0060	-0.0055	-5.18E+06	2.714
				2673.160	6200	0	42380	0.0065	-0.0060	-0.0056	-5.10E+06	2.684
				2674.160	6200	0	42363	0.0065	-0.0061	-0.0056	-5.06E+06	2.680
				2675.160	6200	0	42331	0.0065	-0.0061	-0.0056	-5.01E+06	2.673
				2676.160	6199	0	42315	0.0065	-0.0061	-0.0056	-4.98E+06	2.675
				2677.160	6199	0	42299	0.0065	-0.0061	-0.0056	-4.94E+06	2.671
				2678.160	6199	0	42267	0.0065	-0.0061	-0.0057	-4.89E+06	2.654
				2679.160	6200	0	42283	0.0066	-0.0061	-0.0057	-4.90E+06	2.674
				2680.160	6199	0	42235	0.0066	-0.0061	-0.0057	-4.83E+06	2.656
				2681.160	6201	0	42203	0.0066	-0.0061	-0.0057	-4.79E+06	2.654
				2682.160	6200	0	42187	0.0066	-0.0061	-0.0057	-4.73E+06	2.642
				2683.160	6200	0	42171	0.0066	-0.0062	-0.0057	-4.67E+06	2.630
				2684.160	6200	0	42155	0.0066	-0.0062	-0.0058	-4.61E+06	2.630
				2685.160	6199	0	42171	0.0066	-0.0062	-0.0058	-4.58E+06	2.626
				2686.160	6199	0	42139	0.0066	-0.0062	-0.0058	-4.55E+06	2.622
				2687.160	6199	0	42123	0.0066	-0.0062	-0.0058	-4.52E+06	2.616
				2688.160	6199	0	42075	0.0066	-0.0062	-0.0058	-4.41E+06	2.582
				2689.160	6198	0	42059	0.0066	-0.0062	-0.0058	-4.31E+06	2.543
				2690.160	6200	0	42059	0.0066	-0.0062	-0.0059	-4.21E+06	2.514
				2691.160	6199	0	42043	0.0066	-0.0062	-0.0059	-4.15E+06	2.499
				2692.160	6200	0	41994	0.0066	-0.0063	-0.0059	-4.08E+06	2.474
				2693.160	6199	0	42010	0.0066	-0.0063	-0.0059	-4.02E+06	2.454
				2694.160	6200	0	41978	0.0066	-0.0063	-0.0059	-4.00E+06	2.449
				2695.160	6200	0	41978	0.0066	-0.0063	-0.0060	-3.98E+06	2.439
				2696.150	6200	0	41930	0.0066	-0.0063	-0.0060	-3.98E+06	2.424
				2697.150	6199	0	41930	0.0066	-0.0063	-0.0060	-3.99E+06	2.425
				2698.150	6200	0	41914	0.0066	-0.0063	-0.0060	-3.95E+06	2.411
				2699.150	6201	0	41866	0.0066	-0.0063	-0.0060	-3.97E+06	2.417
				2700.150	6199	0	41898	0.0066	-0.0063	-0.0060	-3.94E+06	2.398
				2701.150	6200	0	41850	0.0066	-0.0063	-0.0061	-3.92E+06	2.380
				2702.150	6201	0	41850	0.0066	-0.0064	-0.0061	-3.91E+06	2.377
				2703.150	6200	0	41818	0.0067	-0.0064	-0.0061	-3.89E+06	2.367
				2704.150	6199	0	41770	0.0067	-0.0064	-0.0061	-3.87E+06	2.357
				2705.150	6199	0	41786	0.0067	-0.0064	-0.0061	-3.83E+06	2.335
				2706.150	6199	0	41770	0.0067	-0.0064	-0.0061	-3.86E+06	2.328
				2707.150	6200	0	41754	0.0067	-0.0064	-0.0062	-3.87E+06	2.325
				2708.150	6199	0	41738	0.0067	-0.0064	-0.0062	-3.88E+06	2.317
				2709.150	6199	0	41722	0.0067	-0.0064	-0.0062	-3.88E+06	2.304
				2710.150	6200	0	41689	0.0067	-0.0065	-0.0062	-3.89E+06	2.290
				2711.150	6200	0	41657	0.0067	-0.0065	-0.0062	-3.88E+06	2.278
				2712.150	6199	0	41673	0.0067	-0.0065	-0.0063	-3.88E+06	2.268
				2713.150	6199	0	41657	0.0067	-0.0065	-0.0063	-3.91E+06	2.262

					2714.150	6200	0	41609	0.0067	-0.0065	-0.0063	-3.93E+06	2.255
					2715.150	6200	0	41625	0.0067	-0.0065	-0.0063	-3.94E+06	2.246
					2716.150	6200	0	41577	0.0067	-0.0065	-0.0063	-3.94E+06	2.229
					2717.150	6200	0	41561	0.0067	-0.0065	-0.0064	-3.95E+06	2.220
					2718.150	6199	0	41529	0.0067	-0.0066	-0.0064	-3.97E+06	2.207
					2719.150	6201	0	41497	0.0067	-0.0066	-0.0064	-3.98E+06	2.193
					2720.150	6201	0	41465	0.0067	-0.0066	-0.0064	-4.00E+06	2.187
					2721.150	6201	0	41417	0.0068	-0.0066	-0.0064	-4.03E+06	2.189
					2722.150	6199	0	41401	0.0068	-0.0066	-0.0065	-4.09E+06	2.185
					2723.150	6199	0	41417	0.0068	-0.0066	-0.0065	-4.12E+06	2.177
					2724.150	6199	0	41353	0.0068	-0.0066	-0.0065	-4.14E+06	2.171
					2725.150	6199	0	41353	0.0068	-0.0067	-0.0065	-4.17E+06	2.165
					2726.150	6200	0	41320	0.0068	-0.0067	-0.0065	-4.17E+06	2.154
					2727.140	6200	0	41304	0.0068	-0.0067	-0.0066	-4.21E+06	2.154
					2728.140	6199	0	41304	0.0068	-0.0067	-0.0066	-4.22E+06	2.149
					2729.140	6199	0	41272	0.0068	-0.0067	-0.0066	-4.26E+06	2.146
					2730.140	6199	0	41240	0.0068	-0.0067	-0.0066	-4.33E+06	2.152
					2731.140	6200	0	41160	0.0068	-0.0067	-0.0066	-4.37E+06	2.151
					2732.140	6199	0	41176	0.0068	-0.0067	-0.0067	-4.38E+06	2.143
					2733.140	6199	0	41144	0.0068	-0.0068	-0.0067	-4.39E+06	2.130
					2734.140	6201	0	41128	0.0068	-0.0068	-0.0067	-4.38E+06	2.113
					2735.140	6200	0	41096	0.0068	-0.0068	-0.0067	-4.41E+06	2.107
					2736.140	6200	0	41080	0.0068	-0.0068	-0.0067	-4.46E+06	2.107
					2737.140	6200	0	41048	0.0068	-0.0068	-0.0067	-4.49E+06	2.103
					2738.140	6200	0	40983	0.0069	-0.0068	-0.0068	-4.48E+06	2.092
					2739.140	6198	0	41000	0.0069	-0.0068	-0.0068	-4.43E+06	2.066
					2740.140	6199	0	40983	0.0069	-0.0068	-0.0068	-4.42E+06	2.049
					2741.140	6201	0	40935	0.0069	-0.0068	-0.0068	-4.40E+06	2.034
					2742.140	6199	0	40935	0.0069	-0.0069	-0.0068	-4.37E+06	2.016
					2743.140	6199	0	40887	0.0069	-0.0069	-0.0068	-4.37E+06	2.008
					2744.140	6199	0	40871	0.0069	-0.0069	-0.0069	-4.38E+06	2.005
					2745.140	6199	0	40871	0.0069	-0.0069	-0.0069	-4.37E+06	1.992
					2746.140	6200	0	40823	0.0069	-0.0069	-0.0069	-4.39E+06	1.995
					2747.140	6199	0	40775	0.0069	-0.0069	-0.0069	-4.41E+06	1.984
					2748.140	6199	0	40759	0.0069	-0.0069	-0.0069	-4.41E+06	1.974
					2749.140	6200	0	40759	0.0069	-0.0069	-0.0069	-4.39E+06	1.962
					2750.140	6200	0	40759	0.0069	-0.0069	-0.0069	-4.43E+06	1.967
					2751.140	6200	0	40727	0.0069	-0.0069	-0.0070	-4.42E+06	1.963
					2752.140	6199	0	40711	0.0069	-0.0069	-0.0070	-4.39E+06	1.949
					2753.140	6199	0	40711	0.0069	-0.0070	-0.0070	-4.39E+06	1.948
					2754.140	6199	0	40646	0.0069	-0.0070	-0.0070	-4.35E+06	1.938
					2755.140	6199	0	40630	0.0069	-0.0070	-0.0070	-4.31E+06	1.929
					2756.140	6200	0	40614	0.0069	-0.0070	-0.0070	-4.25E+06	1.905
					2757.140	6200	0	40614	0.0070	-0.0070	-0.0070	-4.27E+06	1.902
					2758.130	6200	0	40598	0.0070	-0.0070	-0.0070	-4.25E+06	1.896
					2759.130	6199	0	40566	0.0070	-0.0070	-0.0071	-4.24E+06	1.895
					2760.130	6200	0	40534	0.0070	-0.0070	-0.0071	-4.22E+06	1.893
					2761.130	6200	0	40502	0.0070	-0.0070	-0.0071	-4.19E+06	1.884
					2762.130	6199	0	40518	0.0070	-0.0070	-0.0071	-4.13E+06	1.869
					2763.130	6199	0	40502	0.0070	-0.0070	-0.0071	-4.10E+06	1.862
					2764.130	6200	0	40502	0.0070	-0.0070	-0.0071	-4.10E+06	1.863
					2765.130	6200	0	40454	0.0070	-0.0071	-0.0071	-4.07E+06	1.855
					2766.130	6199	0	40422	0.0070	-0.0071	-0.0071	-4.04E+06	1.850
					2767.130	6200	0	40454	0.0070	-0.0071	-0.0071	-4.00E+06	1.832
					2768.130	6199	0	40390	0.0070	-0.0071	-0.0072	-3.95E+06	1.822
					2769.130	6199	0	40374	0.0070	-0.0071	-0.0072	-3.88E+06	1.805
					2770.130	6199	0	40358	0.0070	-0.0071	-0.0072	-3.85E+06	1.799
					2771.130	6199	0	40358	0.0070	-0.0071	-0.0072	-3.82E+06	1.799
					2772.130	6200	0	40309	0.0070	-0.0071	-0.0072	-3.77E+06	1.784
					2773.130	6201	0	40309	0.0070	-0.0071	-0.0072	-3.75E+06	1.775
					2774.130	6200	0	40293	0.0070	-0.0071	-0.0072	-3.73E+06	1.767
					2775.130	6199	0	40277	0.0070	-0.0071	-0.0073	-3.74E+06	1.773
					2776.130	6199	0	40261	0.0070	-0.0071	-0.0073	-3.69E+06	1.762
					2777.130	6200	0	40261	0.0070	-0.0072	-0.0073	-3.65E+06	1.748
					2778.130	6199	0	40229	0.0070	-0.0072	-0.0073	-3.61E+06	1.744
					2779.130	6201	0	40229	0.0070	-0.0072	-0.0073	-3.56E+06	1.733
					2780.130	6199	0	40197	0.0070	-0.0072	-0.0073	-3.54E+06	1.737
					2781.130	6199	0	40181	0.0071	-0.0072	-0.0073	-3.57E+06	1.746
					2782.130	6199	0	40133	0.0071	-0.0072	-0.0073	-3.56E+06	1.743
					2783.130	6199	0	40133	0.0071	-0.0072	-0.0073	-3.52E+06	1.733
					2784.130	6201	0	40133	0.0071	-0.0072	-0.0074	-3.46E+06	1.717
					2785.130	6200	0	40117	0.0071	-0.0072	-0.0074	-3.44E+06	1.716
					2786.130	6200	0	40101	0.0071	-0.0072	-0.0074	-3.43E+06	1.712
					2787.130	6200	0	40101	0.0071	-0.0072	-0.0074	-3.41E+06	1.707
					2788.130	6199	0	40053	0.0071	-0.0072	-0.0074	-3.42E+06	1.717
					2789.120	6199	0	40053	0.0071	-0.0073	-0.0074	-3.39E+06	1.710

				2790.120	6200	0	40021	0.0071	-0.0073	-0.0074	-3.36E+06	1.705
				2791.120	6199	0	40005	0.0071	-0.0073	-0.0074	-3.32E+06	1.696
				2792.120	6199	0	39989	0.0071	-0.0073	-0.0074	-3.30E+06	1.689
				2793.120	6201	0	39989	0.0071	-0.0073	-0.0075	-3.24E+06	1.675
				2794.120	6200	0	40005	0.0071	-0.0073	-0.0075	-3.25E+06	1.678
				2795.120	6199	0	39956	0.0071	-0.0073	-0.0075	-3.26E+06	1.684
				2796.120	6199	0	39940	0.0071	-0.0073	-0.0075	-3.24E+06	1.675
				2797.120	6200	0	39940	0.0071	-0.0073	-0.0075	-3.25E+06	1.680
				2798.120	6200	0	39892	0.0071	-0.0073	-0.0075	-3.25E+06	1.676
				2799.120	6199	0	39892	0.0071	-0.0073	-0.0075	-3.25E+06	1.679
				2800.120	6199	0	39860	0.0071	-0.0073	-0.0075	-3.22E+06	1.658
				2801.120	6200	0	39860	0.0072	-0.0074	-0.0076	-3.26E+06	1.673
				2802.120	6202	0	39828	0.0072	-0.0074	-0.0076	-3.30E+06	1.676
				2803.120	6201	0	39844	0.0072	-0.0074	-0.0076	-3.30E+06	1.673
				2804.120	6201	0	39812	0.0072	-0.0074	-0.0076	-3.34E+06	1.669
				2805.120	6199	0	39812	0.0072	-0.0074	-0.0076	-3.36E+06	1.664
				2806.120	6199	0	39748	0.0072	-0.0074	-0.0076	-3.42E+06	1.673
				2807.120	6200	0	39732	0.0072	-0.0074	-0.0076	-3.47E+06	1.677
				2808.120	6198	0	39748	0.0072	-0.0074	-0.0076	-3.54E+06	1.669
				2809.120	6202	0	39748	0.0072	-0.0074	-0.0076	-3.63E+06	1.672
				2810.120	6200	0	39716	0.0072	-0.0074	-0.0077	-3.70E+06	1.678
				2811.120	6199	0	39668	0.0072	-0.0074	-0.0077	-3.79E+06	1.688
				2812.120	6200	0	39700	0.0072	-0.0074	-0.0077	-3.88E+06	1.690
				2813.120	6199	0	39652	0.0072	-0.0075	-0.0077	-3.94E+06	1.683
				2814.120	6201	0	39636	0.0072	-0.0075	-0.0077	-4.03E+06	1.683
				2815.120	6200	0	39619	0.0072	-0.0075	-0.0077	-4.13E+06	1.694
				2816.120	6199	0	39619	0.0072	-0.0075	-0.0077	-4.21E+06	1.698
				2817.120	6200	0	39603	0.0072	-0.0075	-0.0077	-4.32E+06	1.705
				2818.120	6202	0	39587	0.0072	-0.0075	-0.0078	-4.42E+06	1.707
				2819.120	6200	0	39555	0.0072	-0.0075	-0.0078	-4.50E+06	1.709
				2820.110	6201	0	39539	0.0072	-0.0075	-0.0078	-4.58E+06	1.711
				2821.110	6199	0	39507	0.0073	-0.0075	-0.0078	-4.70E+06	1.721
				2822.110	6200	0	39491	0.0073	-0.0075	-0.0078	-4.81E+06	1.723
				2823.110	6200	0	39475	0.0073	-0.0075	-0.0078	-4.89E+06	1.721
				2824.110	6200	0	39459	0.0073	-0.0076	-0.0079	-5.01E+06	1.726
				2825.110	6199	0	39427	0.0073	-0.0076	-0.0078	-5.11E+06	1.728
				2826.110	6199	0	39379	0.0073	-0.0076	-0.0079	-5.24E+06	1.729
				2827.110	6200	0	39331	0.0073	-0.0076	-0.0079	-5.34E+06	1.729
				2828.110	6199	0	39331	0.0073	-0.0076	-0.0079	-5.44E+06	1.724
				2829.110	6200	0	39266	0.0073	-0.0076	-0.0079	-5.53E+06	1.715
				2830.110	6199	0	39250	0.0073	-0.0076	-0.0079	-5.65E+06	1.720
				2831.110	6199	0	39186	0.0073	-0.0076	-0.0080	-5.79E+06	1.732
				2832.110	6198	0	39170	0.0073	-0.0076	-0.0080	-5.97E+06	1.747
				2833.110	6202	0	39106	0.0073	-0.0077	-0.0080	-6.09E+06	1.747
				2834.110	6200	0	39058	0.0073	-0.0077	-0.0080	-6.22E+06	1.752
				2835.110	6199	0	39058	0.0073	-0.0077	-0.0080	-6.34E+06	1.758
				2836.110	6199	0	39010	0.0073	-0.0077	-0.0080	-6.50E+06	1.770
				2837.110	6199	0	38929	0.0074	-0.0077	-0.0080	-6.65E+06	1.774
				2838.110	6200	0	38929	0.0074	-0.0077	-0.0080	-6.78E+06	1.783
				2839.110	6200	0	38881	0.0074	-0.0077	-0.0081	-6.98E+06	1.801
				2840.110	6200	0	38865	0.0074	-0.0077	-0.0081	-7.08E+06	1.799
				2841.110	6200	0	38849	0.0074	-0.0077	-0.0081	-7.23E+06	1.807
				2842.110	6202	0	38785	0.0074	-0.0077	-0.0081	-7.35E+06	1.811
				2843.110	6200	0	38737	0.0074	-0.0078	-0.0081	-7.46E+06	1.813
				2844.110	6199	0	38721	0.0074	-0.0078	-0.0081	-7.57E+06	1.820
				2845.110	6200	0	38673	0.0074	-0.0078	-0.0082	-7.70E+06	1.830
				2846.110	6199	0	38625	0.0074	-0.0078	-0.0082	-7.84E+06	1.841
				2847.110	6199	0	38576	0.0074	-0.0078	-0.0082	-7.92E+06	1.841
				2848.110	6199	0	38560	0.0074	-0.0078	-0.0082	-8.02E+06	1.845
				2849.110	6200	0	38512	0.0074	-0.0078	-0.0082	-8.11E+06	1.852
				2850.110	6198	0	38480	0.0074	-0.0078	-0.0082	-8.25E+06	1.871
				2851.100	6200	0	38400	0.0074	-0.0078	-0.0082	-8.15E+06	1.837
				2852.100	6200	0	38368	0.0074	-0.0078	-0.0082	-8.31E+06	1.858
				2853.100	6199	0	38336	0.0074	-0.0078	-0.0082	-8.39E+06	1.860
				2854.100	6199	0	38288	0.0075	-0.0078	-0.0082	-8.42E+06	1.864
				2855.100	6199	0	38255	0.0074	-0.0079	-0.0083	-8.45E+06	1.862
				2856.100	6200	0	38223	0.0074	-0.0079	-0.0083	-8.41E+06	1.849
				2857.100	6200	0	38191	0.0074	-0.0079	-0.0083	-8.44E+06	1.853
				2858.100	6200	0	38159	0.0074	-0.0079	-0.0083	-8.46E+06	1.860
				2859.100	6201	0	38111	0.0074	-0.0079	-0.0083	-8.39E+06	1.840
				2860.100	6200	0	38079	0.0074	-0.0079	-0.0083	-8.36E+06	1.834
				2861.100	6200	0	38047	0.0075	-0.0079	-0.0083	-8.37E+06	1.839
				2862.100	6199	0	37999	0.0075	-0.0079	-0.0083	-8.36E+06	1.843
				2863.100	6199	0	37951	0.0075	-0.0079	-0.0084	-8.30E+06	1.835
				2864.100	6200	0	37935	0.0075	-0.0079	-0.0084	-8.15E+06	1.817
				2865.100	6200	0	37935	0.0075	-0.0079	-0.0084	-8.11E+06	1.817

2866.100	6202	0	37886	0.0075	-0.0079	-0.0084	-8.04E+06	1.820
2867.100	6199	0	37838	0.0075	-0.0079	-0.0084	-7.87E+06	1.807
2868.100	6199	0	37806	0.0075	-0.0079	-0.0084	-7.75E+06	1.804
2869.100	6200	0	37790	0.0075	-0.0079	-0.0084	-7.65E+06	1.802
2870.100	6199	0	37790	0.0075	-0.0080	-0.0084	-7.44E+06	1.782
2871.100	6199	0	37742	0.0075	-0.0080	-0.0084	-7.22E+06	1.768
2872.100	6199	0	37726	0.0075	-0.0080	-0.0084	-7.07E+06	1.764
2873.100	6199	0	37694	0.0075	-0.0080	-0.0084	-6.82E+06	1.732
2874.100	6199	0	37662	0.0075	-0.0080	-0.0085	-6.62E+06	1.714
2875.100	6199	0	37630	0.0075	-0.0080	-0.0085	-6.34E+06	1.684
2876.100	6200	0	37598	0.0075	-0.0080	-0.0085	-6.10E+06	1.663
2877.100	6200	0	37582	0.0075	-0.0080	-0.0085	-5.99E+06	1.662
2878.100	6199	0	37549	0.0075	-0.0080	-0.0085	-5.79E+06	1.639
2879.100	6199	0	37566	0.0075	-0.0080	-0.0085	-5.55E+06	1.606
2880.100	6199	0	37549	0.0075	-0.0080	-0.0085	-5.35E+06	1.574
2881.100	6201	0	37501	0.0075	-0.0080	-0.0085	-5.18E+06	1.561
2882.100	6200	0	37501	0.0075	-0.0080	-0.0085	-5.04E+06	1.551
2883.090	6202	0	37501	0.0075	-0.0080	-0.0085	-4.89E+06	1.542
2884.090	6200	0	37437	0.0075	-0.0080	-0.0085	-4.76E+06	1.529
2885.090	6200	0	37453	0.0075	-0.0080	-0.0085	-4.59E+06	1.512
2886.090	6199	0	37421	0.0075	-0.0081	-0.0086	-4.43E+06	1.500
2887.090	6199	0	37389	0.0076	-0.0081	-0.0086	-4.33E+06	1.491
2888.090	6200	0	37389	0.0076	-0.0081	-0.0086	-4.22E+06	1.484
2889.090	6199	0	37405	0.0076	-0.0081	-0.0086	-4.14E+06	1.481
2890.090	6200	0	37357	0.0076	-0.0081	-0.0086	-4.06E+06	1.481
2891.090	6199	0	37341	0.0076	-0.0081	-0.0086	-3.96E+06	1.474
2892.090	6200	0	37325	0.0076	-0.0081	-0.0086	-3.87E+06	1.466
2893.090	6201	0	37325	0.0076	-0.0081	-0.0086	-3.77E+06	1.455
2894.090	6199	0	37277	0.0076	-0.0081	-0.0086	-3.72E+06	1.453
2895.090	6199	0	37277	0.0076	-0.0081	-0.0086	-3.68E+06	1.464
2896.090	6200	0	37277	0.0076	-0.0081	-0.0086	-3.63E+06	1.462
2897.090	6199	0	37261	0.0076	-0.0081	-0.0086	-3.57E+06	1.458
2898.090	6200	0	37229	0.0076	-0.0081	-0.0086	-3.50E+06	1.449
2899.090	6201	0	37196	0.0076	-0.0081	-0.0087	-3.45E+06	1.447
2900.090	6199	0	37212	0.0076	-0.0081	-0.0087	-3.42E+06	1.454
2901.090	6198	0	37212	0.0076	-0.0081	-0.0087	-3.41E+06	1.459
2902.090	6200	0	37180	0.0076	-0.0082	-0.0087	-3.35E+06	1.450
2903.090	6199	0	37148	0.0076	-0.0082	-0.0087	-3.32E+06	1.446
2904.090	6202	0	37132	0.0076	-0.0082	-0.0087	-3.29E+06	1.444
2905.090	6199	0	37116	0.0076	-0.0082	-0.0087	-3.24E+06	1.443
2906.090	6200	0	37132	0.0076	-0.0082	-0.0087	-3.21E+06	1.441
2907.090	6199	0	37084	0.0076	-0.0082	-0.0087	-3.19E+06	1.438
2908.090	6199	0	37084	0.0076	-0.0082	-0.0087	-3.16E+06	1.436
2909.090	6199	0	37052	0.0077	-0.0082	-0.0088	-3.10E+06	1.426
2910.090	6199	0	37068	0.0077	-0.0082	-0.0087	-3.10E+06	1.424
2911.090	6201	0	37068	0.0077	-0.0082	-0.0088	-3.09E+06	1.423
2912.090	6199	0	37004	0.0077	-0.0082	-0.0088	-3.09E+06	1.431
2913.090	6199	0	37020	0.0077	-0.0082	-0.0088	-3.10E+06	1.431
2914.080	6199	0	37004	0.0077	-0.0082	-0.0088	-3.08E+06	1.432
2915.080	6200	0	36988	0.0077	-0.0082	-0.0088	-3.07E+06	1.428
2916.080	6200	0	36972	0.0077	-0.0082	-0.0088	-3.10E+06	1.441
2917.080	6200	0	36940	0.0077	-0.0083	-0.0088	-3.12E+06	1.448
2918.080	6200	0	36940	0.0077	-0.0083	-0.0088	-3.09E+06	1.446
2919.080	6199	0	36924	0.0077	-0.0083	-0.0089	-3.09E+06	1.450
2920.080	6199	0	36908	0.0077	-0.0083	-0.0089	-3.12E+06	1.459
2921.080	6199	0	36843	0.0077	-0.0083	-0.0089	-3.12E+06	1.459
2922.080	6199	0	36859	0.0077	-0.0083	-0.0089	-3.12E+06	1.454
2923.080	6201	0	36843	0.0077	-0.0083	-0.0089	-3.11E+06	1.451
2924.080	6199	0	36827	0.0077	-0.0083	-0.0089	-3.11E+06	1.444
2925.080	6200	0	36811	0.0077	-0.0083	-0.0089	-3.12E+06	1.447
2926.080	6199	0	36779	0.0077	-0.0083	-0.0089	-3.11E+06	1.445
2927.080	6199	0	36811	0.0077	-0.0083	-0.0089	-3.10E+06	1.445
2928.080	6199	0	36763	0.0078	-0.0083	-0.0089	-3.13E+06	1.459
2929.080	6200	0	36763	0.0078	-0.0084	-0.0089	-3.14E+06	1.458
2930.080	6199	0	36747	0.0078	-0.0084	-0.0090	-3.14E+06	1.451
2931.080	6199	0	36715	0.0078	-0.0084	-0.0090	-3.13E+06	1.445
2932.080	6200	0	36683	0.0078	-0.0084	-0.0090	-3.12E+06	1.441
2933.080	6199	0	36683	0.0078	-0.0084	-0.0090	-3.14E+06	1.444
2934.080	6199	0	36683	0.0078	-0.0084	-0.0090	-3.14E+06	1.445
2935.080	6200	0	36619	0.0078	-0.0084	-0.0090	-3.17E+06	1.446
2936.080	6199	0	36603	0.0078	-0.0084	-0.0090	-3.16E+06	1.437
2937.080	6199	0	36619	0.0078	-0.0084	-0.0090	-3.13E+06	1.430
2938.080	6201	0	36571	0.0078	-0.0084	-0.0091	-3.15E+06	1.431
2939.080	6200	0	36571	0.0078	-0.0084	-0.0091	-3.15E+06	1.427
2940.080	6199	0	36522	0.0078	-0.0084	-0.0091	-3.16E+06	1.422
2941.080	6199	0	36506	0.0078	-0.0085	-0.0091	-3.16E+06	1.419

				2942.080	6199	0	36490	0.0078	-0.0085	-0.0091	-3.17E+06	1.421
				2943.080	6200	0	36522	0.0078	-0.0085	-0.0091	-3.18E+06	1.417
				2944.080	6201	0	36474	0.0078	-0.0085	-0.0091	-3.17E+06	1.411
				2945.070	6199	0	36442	0.0078	-0.0085	-0.0091	-3.18E+06	1.411
				2946.070	6199	0	36426	0.0079	-0.0085	-0.0091	-3.19E+06	1.410
				2947.070	6200	0	36378	0.0079	-0.0085	-0.0091	-3.22E+06	1.410
				2948.070	6199	0	36394	0.0079	-0.0085	-0.0092	-3.23E+06	1.410
				2949.070	6200	0	36362	0.0079	-0.0085	-0.0092	-3.24E+06	1.408
				2950.070	6201	0	36362	0.0079	-0.0085	-0.0092	-3.26E+06	1.408
				2951.070	6199	0	36346	0.0079	-0.0085	-0.0092	-3.28E+06	1.409
				2952.070	6199	0	36330	0.0079	-0.0085	-0.0092	-3.30E+06	1.410
				2953.070	6202	0	36298	0.0079	-0.0086	-0.0092	-3.29E+06	1.403
				2954.070	6200	0	36266	0.0079	-0.0086	-0.0092	-3.30E+06	1.401
				2955.070	6199	0	36250	0.0079	-0.0086	-0.0092	-3.31E+06	1.401
				2956.070	6200	0	36250	0.0079	-0.0086	-0.0092	-3.31E+06	1.400
				2957.070	6199	0	36234	0.0079	-0.0086	-0.0093	-3.31E+06	1.397
				2958.070	6201	0	36186	0.0079	-0.0086	-0.0093	-3.31E+06	1.395
				2959.070	6201	0	36202	0.0079	-0.0086	-0.0093	-3.31E+06	1.392
				2960.070	6199	0	36137	0.0079	-0.0086	-0.0093	-3.30E+06	1.386
				2961.070	6200	0	36121	0.0079	-0.0086	-0.0093	-3.33E+06	1.390
				2962.070	6199	0	36153	0.0080	-0.0086	-0.0093	-3.33E+06	1.381
				2963.070	6199	0	36105	0.0080	-0.0086	-0.0093	-3.34E+06	1.380
				2964.070	6199	0	36073	0.0080	-0.0086	-0.0093	-3.34E+06	1.374
				2965.070	6199	0	36041	0.0080	-0.0087	-0.0093	-3.33E+06	1.370
				2966.070	6200	0	36025	0.0080	-0.0087	-0.0093	-3.32E+06	1.364
				2967.070	6200	0	36025	0.0080	-0.0087	-0.0094	-3.35E+06	1.369
				2968.070	6199	0	35993	0.0080	-0.0087	-0.0094	-3.38E+06	1.373
				2969.070	6199	0	35993	0.0080	-0.0087	-0.0094	-3.36E+06	1.366
				2970.070	6199	0	35945	0.0080	-0.0087	-0.0094	-3.36E+06	1.366
				2971.070	6200	0	35929	0.0080	-0.0087	-0.0094	-3.37E+06	1.369
				2972.070	6200	0	35913	0.0080	-0.0087	-0.0094	-3.36E+06	1.366
				2973.070	6200	0	35913	0.0080	-0.0087	-0.0094	-3.38E+06	1.363
				2974.070	6200	0	35881	0.0080	-0.0087	-0.0094	-3.38E+06	1.361
				2975.070	6201	0	35865	0.0080	-0.0087	-0.0094	-3.36E+06	1.356
				2976.060	6200	0	35832	0.0080	-0.0087	-0.0095	-3.37E+06	1.358
				2977.060	6199	0	35832	0.0080	-0.0087	-0.0095	-3.37E+06	1.361
				2978.060	6199	0	35800	0.0081	-0.0088	-0.0095	-3.35E+06	1.360
				2979.060	6199	0	35784	0.0080	-0.0088	-0.0095	-3.34E+06	1.356
				2980.060	6199	0	35768	0.0080	-0.0088	-0.0095	-3.36E+06	1.363
				2981.060	6201	0	35736	0.0081	-0.0088	-0.0095	-3.34E+06	1.359
				2982.060	6199	0	35752	0.0081	-0.0088	-0.0095	-3.31E+06	1.359
				2983.060	6199	0	35736	0.0081	-0.0088	-0.0095	-3.29E+06	1.357
				2984.060	6199	0	35720	0.0081	-0.0088	-0.0095	-3.29E+06	1.360
				2985.060	6199	0	35672	0.0081	-0.0088	-0.0095	-3.29E+06	1.365
				2986.060	6199	0	35640	0.0081	-0.0088	-0.0096	-3.32E+06	1.366
				2987.060	6199	0	35640	0.0081	-0.0088	-0.0095	-3.31E+06	1.363
				2988.060	6199	0	35608	0.0081	-0.0088	-0.0096	-3.28E+06	1.362
				2989.060	6199	0	35608	0.0081	-0.0088	-0.0096	-3.27E+06	1.362
				2990.060	6200	0	35608	0.0081	-0.0088	-0.0096	-3.24E+06	1.355
				2991.060	6201	0	35592	0.0081	-0.0089	-0.0096	-3.23E+06	1.355
				2992.060	6199	0	35560	0.0081	-0.0089	-0.0096	-3.19E+06	1.346
				2993.060	6199	0	35544	0.0081	-0.0089	-0.0096	-3.17E+06	1.344
				2994.060	6200	0	35528	0.0081	-0.0089	-0.0096	-3.12E+06	1.338
				2995.060	6200	0	35512	0.0081	-0.0089	-0.0096	-3.09E+06	1.335
				2996.060	6199	0	35512	0.0081	-0.0089	-0.0096	-3.08E+06	1.335
				2997.060	6199	0	35495	0.0081	-0.0089	-0.0096	-3.06E+06	1.332
				2998.060	6202	0	35447	0.0081	-0.0089	-0.0096	-3.05E+06	1.331
				2999.060	6199	0	35447	0.0081	-0.0089	-0.0097	-3.04E+06	1.338
				3000.060	6200	0	35447	0.0082	-0.0089	-0.0097	-3.02E+06	1.337
				3001.060	6200	0	35399	0.0082	-0.0089	-0.0097	-3.00E+06	1.333
				3002.060	6199	0	35415	0.0082	-0.0089	-0.0097	-2.97E+06	1.329
				3003.060	6199	0	35399	0.0082	-0.0089	-0.0097	-2.96E+06	1.330
				3004.060	6199	0	35367	0.0082	-0.0089	-0.0097	-2.95E+06	1.328
				3005.060	6199	0	35351	0.0082	-0.0089	-0.0097	-2.93E+06	1.332
				3006.060	6199	0	35383	0.0082	-0.0089	-0.0097	-2.91E+06	1.324
				3007.060	6200	0	35367	0.0082	-0.0090	-0.0097	-2.89E+06	1.324
				3008.050	6199	0	35335	0.0082	-0.0090	-0.0097	-2.86E+06	1.323
				3009.050	6202	0	35303	0.0082	-0.0090	-0.0097	-2.83E+06	1.320
				3010.050	6199	0	35271	0.0082	-0.0090	-0.0098	-2.78E+06	1.314
				3011.050	6199	0	35223	0.0082	-0.0090	-0.0098	-2.76E+06	1.311
				3012.050	6200	0	35255	0.0082	-0.0090	-0.0098	-2.74E+06	1.306
				3013.050	6199	0	35239	0.0082	-0.0090	-0.0098	-2.70E+06	1.294
				3014.050	6199	0	35223	0.0082	-0.0090	-0.0098	-2.69E+06	1.287
				3015.050	6199	0	35239	0.0082	-0.0090	-0.0098	-2.65E+06	1.279
				3016.050	6199	0	35207	0.0082	-0.0090	-0.0098	-2.63E+06	1.276
				3017.050	6200	0	35207	0.0082	-0.0090	-0.0098	-2.62E+06	1.277

3018.050	6199	0	35191	0.0082	-0.0090	-0.0098	-2.58E+06	1.263
3019.050	6200	0	35207	0.0083	-0.0090	-0.0098	-2.58E+06	1.269
3020.050	6200	0	35159	0.0083	-0.0090	-0.0098	-2.57E+06	1.265
3021.050	6199	0	35142	0.0083	-0.0090	-0.0098	-2.56E+06	1.265
3022.050	6199	0	35110	0.0083	-0.0091	-0.0099	-2.56E+06	1.268
3023.050	6201	0	35126	0.0083	-0.0091	-0.0099	-2.54E+06	1.263
3024.050	6200	0	35094	0.0083	-0.0091	-0.0099	-2.50E+06	1.245
3025.050	6199	0	35094	0.0083	-0.0091	-0.0099	-2.51E+06	1.251
3026.050	6199	0	35062	0.0083	-0.0091	-0.0099	-2.50E+06	1.251
3027.050	6200	0	35078	0.0083	-0.0091	-0.0099	-2.49E+06	1.250
3028.050	6200	0	35030	0.0083	-0.0091	-0.0099	-2.47E+06	1.248
3029.050	6200	0	35030	0.0083	-0.0091	-0.0099	-2.45E+06	1.243
3030.050	6200	0	35046	0.0083	-0.0091	-0.0099	-2.43E+06	1.232
3031.050	6201	0	34998	0.0083	-0.0091	-0.0099	-2.45E+06	1.235
3032.050	6199	0	35014	0.0083	-0.0091	-0.0099	-2.43E+06	1.229
3033.050	6202	0	34998	0.0083	-0.0091	-0.0099	-2.41E+06	1.231
3034.050	6200	0	34982	0.0083	-0.0091	-0.0099	-2.38E+06	1.223
3035.050	6199	0	34982	0.0083	-0.0091	-0.0099	-2.38E+06	1.220
3036.050	6200	0	34966	0.0083	-0.0091	-0.0100	-2.36E+06	1.214
3037.050	6200	0	34934	0.0084	-0.0092	-0.0099	-2.38E+06	1.215
3038.050	6199	0	34934	0.0084	-0.0092	-0.0100	-2.38E+06	1.218
3039.040	6199	0	34918	0.0084	-0.0092	-0.0100	-2.38E+06	1.217
3040.040	6201	0	34918	0.0084	-0.0092	-0.0100	-2.37E+06	1.211
3041.040	6199	0	34886	0.0084	-0.0092	-0.0100	-2.37E+06	1.211
3042.040	6200	0	34870	0.0084	-0.0092	-0.0100	-2.34E+06	1.201
3043.040	6201	0	34886	0.0084	-0.0092	-0.0100	-2.31E+06	1.193
3044.040	6199	0	34870	0.0084	-0.0092	-0.0100	-2.30E+06	1.189
3045.040	6200	0	34838	0.0084	-0.0092	-0.0100	-2.26E+06	1.183
3046.040	6199	0	34821	0.0084	-0.0092	-0.0100	-2.25E+06	1.185
3047.040	6200	0	34805	0.0084	-0.0092	-0.0100	-2.24E+06	1.188
3048.040	6201	0	34821	0.0084	-0.0092	-0.0100	-2.25E+06	1.184
3049.040	6199	0	34789	0.0084	-0.0092	-0.0100	-2.22E+06	1.174
3050.040	6199	0	34789	0.0084	-0.0092	-0.0101	-2.23E+06	1.177
3051.040	6200	0	34773	0.0084	-0.0092	-0.0101	-2.23E+06	1.180
3052.040	6200	0	34773	0.0084	-0.0092	-0.0101	-2.22E+06	1.181
3053.040	6199	0	34757	0.0084	-0.0093	-0.0101	-2.21E+06	1.179
3054.040	6200	0	34757	0.0084	-0.0093	-0.0101	-2.20E+06	1.174
3055.040	6201	0	34709	0.0084	-0.0093	-0.0101	-2.22E+06	1.185
3056.040	6200	0	34693	0.0084	-0.0093	-0.0101	-2.22E+06	1.190
3057.040	6199	0	34693	0.0084	-0.0093	-0.0101	-2.22E+06	1.187
3058.040	6199	0	34693	0.0084	-0.0093	-0.0101	-2.21E+06	1.191
3059.040	6200	0	34677	0.0085	-0.0093	-0.0101	-2.21E+06	1.190
3060.040	6199	0	34661	0.0085	-0.0093	-0.0101	-2.19E+06	1.184
3061.040	6199	0	34677	0.0085	-0.0093	-0.0101	-2.17E+06	1.189
3062.040	6199	0	34661	0.0085	-0.0093	-0.0101	-2.17E+06	1.194
3063.040	6199	0	34661	0.0085	-0.0093	-0.0102	-2.16E+06	1.190
3064.040	6199	0	34613	0.0085	-0.0093	-0.0101	-2.13E+06	1.186
3065.040	6199	0	34629	0.0085	-0.0093	-0.0102	-2.13E+06	1.185
3066.040	6202	0	34581	0.0085	-0.0093	-0.0102	-2.12E+06	1.180
3067.040	6200	0	34613	0.0085	-0.0093	-0.0102	-2.12E+06	1.185
3068.040	6200	0	34597	0.0085	-0.0093	-0.0102	-2.13E+06	1.196
3069.040	6200	0	34581	0.0085	-0.0093	-0.0102	-2.12E+06	1.192
3070.030	6199	0	34581	0.0085	-0.0094	-0.0102	-2.14E+06	1.200
3071.030	6199	0	34565	0.0085	-0.0094	-0.0102	-2.14E+06	1.203
3072.030	6199	0	34565	0.0085	-0.0094	-0.0102	-2.14E+06	1.201
3073.030	6200	0	34517	0.0085	-0.0094	-0.0102	-2.16E+06	1.214
3074.030	6201	0	34517	0.0085	-0.0094	-0.0102	-2.16E+06	1.220
3075.030	6199	0	34501	0.0085	-0.0094	-0.0102	-2.14E+06	1.211
3076.030	6200	0	34501	0.0085	-0.0094	-0.0102	-2.15E+06	1.221
3077.030	6200	0	34517	0.0085	-0.0094	-0.0103	-2.16E+06	1.226
3078.030	6201	0	34468	0.0085	-0.0094	-0.0103	-2.13E+06	1.216
3079.030	6199	0	34485	0.0086	-0.0094	-0.0102	-2.14E+06	1.221
3080.030	6200	0	34436	0.0086	-0.0094	-0.0103	-2.14E+06	1.223
3081.030	6201	0	34452	0.0086	-0.0094	-0.0103	-2.13E+06	1.220
3082.030	6199	0	34420	0.0086	-0.0094	-0.0103	-2.15E+06	1.228
3083.030	6201	0	34420	0.0086	-0.0094	-0.0103	-2.16E+06	1.229
3084.030	6200	0	34404	0.0086	-0.0094	-0.0103	-2.14E+06	1.217
3085.030	6200	0	34388	0.0086	-0.0094	-0.0103	-2.12E+06	1.211
3086.030	6199	0	34420	0.0086	-0.0095	-0.0103	-2.14E+06	1.217
3087.030	6200	0	34372	0.0086	-0.0095	-0.0103	-2.13E+06	1.215
3088.030	6200	0	34372	0.0086	-0.0095	-0.0103	-2.13E+06	1.220
3089.030	6201	0	34372	0.0086	-0.0095	-0.0103	-2.11E+06	1.219
3090.030	6201	0	34340	0.0086	-0.0095	-0.0103	-2.09E+06	1.211
3091.030	6199	0	34308	0.0086	-0.0095	-0.0103	-2.09E+06	1.212
3092.030	6199	0	34340	0.0086	-0.0095	-0.0104	-2.12E+06	1.221
3093.030	6199	0	34324	0.0086	-0.0095	-0.0104	-2.12E+06	1.219

				3094.030	6199	0	34292	0.0086	-0.0095	-0.0104	-2.11E+06	1.220
				3095.030	6199	0	34260	0.0086	-0.0095	-0.0104	-2.11E+06	1.219
				3096.030	6199	0	34276	0.0086	-0.0095	-0.0104	-2.07E+06	1.206
				3097.030	6199	0	34276	0.0087	-0.0095	-0.0104	-2.05E+06	1.209
				3098.030	6200	0	34276	0.0086	-0.0095	-0.0104	-2.03E+06	1.208
				3099.030	6199	0	34260	0.0087	-0.0095	-0.0104	-2.01E+06	1.199
				3100.030	6199	0	34228	0.0087	-0.0095	-0.0104	-2.00E+06	1.192
				3101.020	6199	0	34228	0.0087	-0.0095	-0.0104	-2.00E+06	1.192
				3102.020	6199	0	34212	0.0087	-0.0096	-0.0104	-1.98E+06	1.183
				3103.020	6199	0	34212	0.0087	-0.0096	-0.0104	-1.97E+06	1.185
				3104.020	6199	0	34196	0.0087	-0.0096	-0.0104	-1.99E+06	1.186
				3105.020	6200	0	34164	0.0087	-0.0096	-0.0104	-1.97E+06	1.182
				3106.020	6201	0	34196	0.0087	-0.0096	-0.0105	-1.98E+06	1.183
				3107.020	6199	0	34164	0.0087	-0.0096	-0.0105	-1.96E+06	1.176
				3108.020	6200	0	34164	0.0087	-0.0096	-0.0105	-1.95E+06	1.169
				3109.020	6201	0	34148	0.0087	-0.0096	-0.0105	-1.95E+06	1.171
				3110.020	6199	0	34148	0.0087	-0.0096	-0.0105	-1.96E+06	1.170
				3111.020	6200	0	34132	0.0087	-0.0096	-0.0105	-1.97E+06	1.167
				3112.020	6200	0	34115	0.0087	-0.0096	-0.0105	-1.96E+06	1.174
				3113.020	6200	0	34099	0.0087	-0.0096	-0.0105	-1.97E+06	1.177
				3114.020	6199	0	34115	0.0087	-0.0096	-0.0105	-1.98E+06	1.179
				3115.020	6201	0	34115	0.0088	-0.0096	-0.0105	-1.97E+06	1.178
				3116.020	6200	0	34067	0.0087	-0.0096	-0.0105	-1.98E+06	1.183
				3117.020	6200	0	34051	0.0087	-0.0096	-0.0105	-1.99E+06	1.181
				3118.020	6201	0	34051	0.0087	-0.0096	-0.0106	-1.98E+06	1.184
				3119.020	6199	0	34051	0.0087	-0.0097	-0.0106	-1.98E+06	1.190
				3120.020	6200	0	34035	0.0088	-0.0097	-0.0106	-1.99E+06	1.188
				3121.020	6200	0	34051	0.0088	-0.0097	-0.0105	-2.01E+06	1.194
				3122.020	6201	0	34051	0.0088	-0.0097	-0.0106	-2.01E+06	1.195
				3123.020	6200	0	34019	0.0088	-0.0097	-0.0106	-1.99E+06	1.191
				3124.020	6199	0	34019	0.0088	-0.0097	-0.0106	-1.99E+06	1.191
				3125.020	6200	0	33987	0.0088	-0.0097	-0.0106	-1.98E+06	1.194
				3126.020	6199	0	34003	0.0088	-0.0097	-0.0106	-1.97E+06	1.185
				3127.020	6200	0	33971	0.0088	-0.0097	-0.0106	-1.98E+06	1.196
				3128.020	6201	0	33955	0.0088	-0.0097	-0.0106	-1.99E+06	1.198
				3129.020	6200	0	33923	0.0088	-0.0097	-0.0106	-1.98E+06	1.197
				3130.020	6199	0	33955	0.0088	-0.0097	-0.0106	-2.01E+06	1.206
				3131.020	6202	0	33923	0.0088	-0.0097	-0.0106	-2.03E+06	1.207
				3132.020	6200	0	33923	0.0088	-0.0097	-0.0106	-2.02E+06	1.193
				3133.010	6200	0	33923	0.0088	-0.0097	-0.0106	-2.05E+06	1.205
				3134.010	6199	0	33923	0.0088	-0.0097	-0.0107	-2.07E+06	1.213
				3135.010	6199	0	33859	0.0088	-0.0097	-0.0107	-2.08E+06	1.202
				3136.010	6199	0	33859	0.0088	-0.0098	-0.0107	-2.10E+06	1.206
				3137.010	6200	0	33875	0.0088	-0.0098	-0.0107	-2.14E+06	1.213
				3138.010	6199	0	33859	0.0089	-0.0098	-0.0107	-2.16E+06	1.211
				3139.010	6199	0	33827	0.0089	-0.0098	-0.0107	-2.19E+06	1.216
				3140.010	6200	0	33827	0.0089	-0.0098	-0.0107	-2.20E+06	1.214
				3141.010	6199	0	33811	0.0089	-0.0098	-0.0107	-2.22E+06	1.209
				3142.010	6199	0	33811	0.0089	-0.0098	-0.0107	-2.25E+06	1.212
				3143.010	6200	0	33827	0.0089	-0.0098	-0.0107	-2.30E+06	1.219
				3144.010	6200	0	33811	0.0089	-0.0098	-0.0107	-2.36E+06	1.216
				3145.010	6199	0	33762	0.0089	-0.0098	-0.0107	-2.43E+06	1.227
				3146.010	6199	0	33795	0.0089	-0.0098	-0.0107	-2.50E+06	1.237
				3147.010	6204	0	33762	0.0089	-0.0098	-0.0108	-2.54E+06	1.232
				3148.010	6201	0	33778	0.0089	-0.0098	-0.0108	-2.58E+06	1.232
				3149.010	6200	0	33730	0.0089	-0.0098	-0.0108	-2.64E+06	1.234
				3150.010	6200	0	33762	0.0089	-0.0098	-0.0108	-2.69E+06	1.224
				3151.010	6199	0	33730	0.0089	-0.0098	-0.0108	-2.76E+06	1.230
				3152.010	6200	0	33730	0.0089	-0.0099	-0.0108	-2.84E+06	1.239
				3153.010	6201	0	33698	0.0089	-0.0099	-0.0108	-2.91E+06	1.236
				3154.010	6199	0	33698	0.0089	-0.0099	-0.0108	-2.97E+06	1.236
				3155.010	6199	0	33666	0.0089	-0.0099	-0.0108	-3.07E+06	1.238
				3156.010	6199	0	33650	0.0089	-0.0099	-0.0108	-3.14E+06	1.236
				3157.010	6199	0	33634	0.0090	-0.0099	-0.0108	-3.23E+06	1.244
				3158.010	6199	0	33634	0.0090	-0.0099	-0.0108	-3.30E+06	1.239
				3159.010	6200	0	33618	0.0089	-0.0099	-0.0108	-3.34E+06	1.227
				3160.010	6199	0	33570	0.0090	-0.0099	-0.0108	-3.41E+06	1.232
				3161.010	6199	0	33570	0.0090	-0.0099	-0.0109	-3.51E+06	1.240
				3162.010	6200	0	33522	0.0090	-0.0099	-0.0109	-3.56E+06	1.230
				3163.010	6199	0	33554	0.0090	-0.0099	-0.0109	-3.64E+06	1.238
				3164.000	6199	0	33538	0.0090	-0.0099	-0.0109	-3.71E+06	1.240
				3165.000	6199	0	33522	0.0090	-0.0099	-0.0109	-3.78E+06	1.240
				3166.000	6199	0	33458	0.0090	-0.0099	-0.0109	-3.88E+06	1.246
				3167.000	6199	0	33490	0.0090	-0.0099	-0.0109	-3.97E+06	1.254
				3168.000	6201	0	33458	0.0090	-0.0100	-0.0109	-4.01E+06	1.247
				3169.000	6199	0	33393	0.0090	-0.0100	-0.0109	-4.06E+06	1.254



				3170.000	6200	0	33377	0.0090	-0.0100	-0.0109	-4.11E+06	1.255
				3171.000	6199	0	33361	0.0090	-0.0100	-0.0109	-4.12E+06	1.244
				3172.000	6199	0	33345	0.0090	-0.0100	-0.0109	-4.15E+06	1.244
				3173.000	6200	0	33313	0.0090	-0.0100	-0.0109	-4.18E+06	1.248
				3174.000	6202	0	33297	0.0090	-0.0100	-0.0109	-4.12E+06	1.229
				3175.000	6199	0	33265	0.0090	-0.0100	-0.0109	-4.11E+06	1.220
				3176.000	6200	0	33265	0.0090	-0.0100	-0.0110	-4.09E+06	1.216
				3177.000	6199	0	33233	0.0090	-0.0100	-0.0110	-4.04E+06	1.203
				3178.000	6199	0	33185	0.0090	-0.0100	-0.0110	-4.00E+06	1.206
				3179.000	6200	0	33217	0.0090	-0.0100	-0.0110	-3.99E+06	1.209
				3180.000	6199	0	33185	0.0090	-0.0100	-0.0110	-3.94E+06	1.217
				3181.000	6199	0	33169	0.0091	-0.0100	-0.0110	-3.86E+06	1.204
				3182.000	6200	0	33153	0.0090	-0.0100	-0.0110	-3.83E+06	1.214
				3183.000	6199	0	33105	0.0091	-0.0100	-0.0110	-3.68E+06	1.193
				3184.000	6199	0	33121	0.0091	-0.0100	-0.0110	-3.57E+06	1.188
				3185.000	6200	0	33121	0.0091	-0.0100	-0.0110	-3.49E+06	1.196
				3186.000	6201	0	33121	0.0090	-0.0100	-0.0110	-3.32E+06	1.174
				3187.000	6200	0	33121	0.0091	-0.0100	-0.0110	-3.19E+06	1.168
				3188.000	6200	0	33105	0.0091	-0.0100	-0.0110	-3.07E+06	1.162
				3189.000	6199	0	33072	0.0091	-0.0100	-0.0110	-2.93E+06	1.153
				3190.000	6201	0	33072	0.0091	-0.0100	-0.0110	-2.75E+06	1.147
				3191.000	6200	0	33056	0.0091	-0.0101	-0.0110	-2.58E+06	1.145
				3192.000	6201	0	33072	0.0091	-0.0101	-0.0110	-2.43E+06	1.134
				3193.000	6199	0	33056	0.0091	-0.0101	-0.0110	-2.20E+06	1.106
				3194.000	6200	0	33072	0.0091	-0.0101	-0.0110	-2.05E+06	1.103
				3194.990	6199	0	33040	0.0091	-0.0101	-0.0110	-1.94E+06	1.097
				3195.990	6199	0	33056	0.0091	-0.0101	-0.0110	-1.81E+06	1.100
				3196.990	6199	0	33008	0.0091	-0.0101	-0.0110	-1.71E+06	1.103
				3197.990	6200	0	33040	0.0091	-0.0101	-0.0111	-1.58E+06	1.088
				3198.990	6199	0	33008	0.0091	-0.0101	-0.0110	-1.46E+06	1.069
				3199.990	6199	0	33008	0.0091	-0.0101	-0.0111	-1.37E+06	1.068
				3200.990	6199	0	32992	0.0091	-0.0101	-0.0111	-1.31E+06	1.063
				3201.990	6199	0	32976	0.0091	-0.0101	-0.0111	-1.25E+06	1.066
				3202.990	6200	0	33024	0.0091	-0.0101	-0.0111	-1.20E+06	1.064
				3203.990	6199	0	32976	0.0091	-0.0101	-0.0111	-1.17E+06	1.064
				3204.990	6200	0	33024	0.0091	-0.0101	-0.0111	-1.12E+06	1.061
				3205.990	6200	0	32960	0.0091	-0.0101	-0.0111	-1.08E+06	1.056
				3206.990	6198	0	32992	0.0091	-0.0101	-0.0111	-1.04E+06	1.045
				3207.990	6199	0	32992	0.0091	-0.0101	-0.0111	-1.01E+06	1.054
				3208.990	6200	0	32992	0.0091	-0.0101	-0.0111	-9.98E+05	1.049
				3209.990	6201	0	32976	0.0091	-0.0101	-0.0111	-9.72E+05	1.042
				3210.990	6199	0	32976	0.0092	-0.0101	-0.0111	-9.46E+05	1.043
				3211.990	6200	0	32960	0.0092	-0.0101	-0.0111	-9.18E+05	1.052
				3212.990	6199	0	32992	0.0092	-0.0101	-0.0111	-8.77E+05	1.037
				3213.990	6199	0	32960	0.0092	-0.0101	-0.0111	-8.44E+05	1.040
				3214.990	6200	0	32976	0.0092	-0.0102	-0.0111	-8.29E+05	1.039
				3215.990	6201	0	32976	0.0092	-0.0102	-0.0111	-8.11E+05	1.038
				3216.990	6200	0	32960	0.0092	-0.0102	-0.0111	-8.07E+05	1.042
				3217.990	6199	0	32976	0.0092	-0.0102	-0.0111	-7.78E+05	1.044
				3218.990	6200	0	32960	0.0092	-0.0102	-0.0112	-7.52E+05	1.029
				3219.990	6199	0	32944	0.0092	-0.0102	-0.0112	-7.10E+05	1.040
				3220.990	6200	0	32992	0.0092	-0.0102	-0.0112	-6.91E+05	1.036
				3221.990	6200	0	32944	0.0092	-0.0102	-0.0112	-6.46E+05	1.029
				3222.990	6199	0	32928	0.0092	-0.0102	-0.0112	-6.51E+05	1.020
				3223.990	6199	0	32928	0.0092	-0.0102	-0.0112	-6.13E+05	1.026
				3224.990	6199	0	32944	0.0092	-0.0102	-0.0112	-6.01E+05	1.003
				3225.980	6199	0	32912	0.0092	-0.0102	-0.0112	-5.93E+05	0.991
				3226.440	6199	0	32912	0.0092	-0.0102	-0.0112	-6.06E+05	0.978