

24BA069 (Stage 1)									24BA069 (Stage 2)									24BA069 (Stage 3)									24BA069 (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]	[-]
569.760	1200	0	0	0.0000	0.0000	0.0000			1200.670	2202	0	0	0.0000	0.0000	0.0000			4117.630	4200	0	0	0.0000	0.0000	0.0000			998.708	6200	0	0	0.0000	0.0000	0.0000		
570.760	1202	0	37	0.0000	0.0000	0.0000			1201.670	2202	0	110	0.0000	0.0000	0.0000			4118.630	4200	0	37	0.0000	0.0000	0.0000			999.707	6199	0	110	0.0000	0.0000	0.0000		
571.759	1202	0	73	0.0000	0.0000	0.0000			1202.670	2201	0	146	0.0000	0.0000	0.0000			4119.630	4202	0	37	0.0000	0.0000	0.0000			1000.710	6199	0	73	0.0000	0.0000	0.0000		
572.759	1200	0	37	0.0000	0.0000	0.0000			1203.660	2201	0	183	0.0000	0.0000	0.0000			4120.630	4201	0	37	0.0000	0.0000	0.0000			1001.710	6200	0	37	0.0000	0.0000	0.0000		
573.759	1198	0	37	0.0000	0.0000	0.0000			1204.660	2200	0	622	0.0001	0.0000	0.0001			4121.630	4200	0	0	0.0000	0.0000	0.0000			1002.710	6199	0	73	0.0000	0.0000	0.0000		
574.758	1200	0	37	0.0000	0.0000	0.0000			1205.660	2201	0	732	0.0001	0.0000	0.0001			4122.630	4202	0	183	0.0000	0.0000	0.0000			1003.710	6201	0	110	0.0000	0.0000	0.0000		
575.758	1200	0	73	0.0000	0.0000	0.0000			1206.660	2200	0	732	0.0001	0.0000	0.0001			4123.630	4202	0	1024	0.0001	0.0000	0.0001			1004.710	6199	0	73	0.0000	0.0000	0.0000		
576.758	1200	0	73	0.0000	0.0000	0.0000			1207.660	2201	0	768	0.0001	0.0000	0.0001			4124.630	4201	0	1353	0.0001	0.0000	0.0001			1005.710	6199	0	37	0.0000	0.0000	0.0000		
577.757	1200	0	73	0.0000	0.0000	0.0000			1208.660	2201	0	768	0.0001	0.0000	0.0001			4125.630	4201	0	1390	0.0001	0.0000	0.0001			1006.700	6199	0	0	0.0000	0.0000	0.0000		
578.757	1201	0	73	0.0000	0.0000	0.0000			1209.660	2202	0	805	0.0001	0.0000	0.0001			4126.630	4201	0	1427	0.0002	0.0000	0.0001			1007.700	6199	0	0	0.0000	0.0000	0.0000		
579.757	1200	0	110	0.0000	0.0000	0.0000			1210.660	2201	0	805	0.0001	0.0000	0.0001			4127.630	4199	0	1427	0.0001	0.0000	0.0001			1008.700	6200	0	73	0.0000	0.0000	0.0000		
580.756	1199	0	37	0.0000	0.0000	0.0000			1211.660	2201	0	805	0.0001	0.0000	0.0001			4128.630	4200	0	1500	0.0001	0.0000	0.0001			1009.700	6201	0	0	0.0000	0.0000	0.0000		
581.756	1200	0	73	0.0000	0.0000	0.0000			1212.660	2201	0	841	0.0001	0.0000	0.0001			4129.630	4197	0	1390	0.0001	0.0000	0.0001			1010.700	6201	0	73	0.0000	0.0000	0.0000		
582.756	1199	0	37	0.0000	0.0000	0.0000			1213.660	2200	0	915	0.0001	0.0000	0.0001			4130.630	4200	0	1536	0.0001	0.0000	0.0001			1011.700	6199	0	110	0.0000	0.0000	0.0000		
583.755	1200	0	110	0.0000	0.0000	0.0000			1214.660	2201	0	915	0.0001	0.0000	0.0001			4131.630	4201	0	1463	0.0002	0.0000	0.0001			1012.700	6200	0	73	0.0000	0.0000	0.0000		
584.755	1200	0	37	0.0000	0.0000	0.0000			1215.660	2200	0	915	0.0001	0.0000	0.0001			4132.630	4200	0	1573	0.0002	0.0000	0.0001			1013.700	6201	0	73	0.0000	0.0000	0.0000		
585.755	1201	0	110	0.0000	0.0000	0.0000			1216.660	2200	0	1024	0.0001	0.0000	0.0001			4133.630	4201	0	1536	0.0002	0.0000	0.0001			1014.700	6202	0	73	0.0000	0.0000	0.0000		
586.754	1198	0	37	0.0000	0.0000	0.0000			1217.660	2201	0	1061	0.0001	0.0000	0.0001			4134.630	4202	0	1609	0.0002	0.0000	0.0001			1015.700	6200	0	146	0.0000	0.0000	0.0000		
587.754	1200	0	37	0.0000	0.0000	0.0000			1218.660	2201	0	1097	0.0001	0.0000	0.0001			4135.630	4200	0	1646	0.0002	0.0000	0.0001			1016.700	6200	0	73	0.0000	0.0000	0.0000		
588.754	1201	0	37	0.0000	0.0000	0.0000			1219.660	2201	0	1097	0.0001	0.0000	0.0001			4136.630	4199	0	1719	0.0002	0.0000	0.0001			1017.700	6201	0	110	0.0000	0.0000	0.0000		
589.753	1201	0	73	0.0000	0.0000	0.0000			1220.660	2199	0	1097	0.0001	0.0000	0.0001			4137.630	4198	0	1719	0.0002	0.0000	0.0001			1018.700	6201	0	0	0.0000	0.0000	0.0000		
590.753	1200	0	0	0.0000	0.0000	0.0000			1221.660	2201	0	1171	0.0002	0.0000	0.0001			4138.630	4201	0	1792	0.0002	0.0000	0.0001			1019.700	6200	0	73	0.0000	0.0000	0.0000		
591.753	1199	0	73	0.0000	0.0000	0.0000			1222.660	2201	0	1171	0.0001	0.0000	0.0001			4139.630	4200	0	1792	0.0002	0.0000	0.0001			1020.700	6202	0	37	0.0000				

644.736	1200	0	220	0.0000	0.0000	0.0000	2.61E+06	0.087	1275.640	2201	0	3000	0.0004	-0.0001	0.0002	8.80E+06	0.188	4192.610	4202	0	4243	0.0004	-0.0001	0.0003	1.15E+07	0.211	1072.830	6200	0	1280	0.0001	0.0000	0.0001	9.45E+06	0.148
645.736	1200	0	256	0.0000	0.0000	0.0000	2.71E+06	0.083	1276.640	2200	0	2963	0.0004	-0.0001	0.0003	8.83E+06	0.186	4193.610	4199	0	4207	0.0004	-0.0001	0.0003	1.15E+07	0.211	1073.830	6199	0	1171	0.0002	0.0000	0.0001	9.59E+06	0.149
646.735	1200	0	183	0.0000	0.0000	0.0000	2.70E+06	0.084	1277.640	2200	0	3073	0.0004	-0.0001	0.0002	8.91E+06	0.186	4194.610	4199	0	4353	0.0004	-0.0001	0.0002	1.15E+07	0.211	1074.830	6200	0	1354	0.0001	0.0000	0.0001	9.55E+06	0.150
647.735	1198	0	220	0.0000	0.0000	0.0000	2.71E+06	0.084	1278.640	2198	0	3073	0.0004	-0.0001	0.0003	8.91E+06	0.187	4195.610	4199	0	4390	0.0004	-0.0001	0.0002	1.15E+07	0.211	1075.830	6199	0	1317	0.0001	0.0000	0.0001	9.54E+06	0.149
648.735	1199	0	220	0.0000	0.0000	0.0000	2.69E+06	0.090	1279.640	2200	0	3109	0.0004	-0.0001	0.0002	8.97E+06	0.189	4196.610	4200	0	4390	0.0004	-0.0001	0.0003	1.16E+07	0.214	1076.830	6200	0	1390	0.0001	0.0000	0.0001	9.49E+06	0.149
649.734	1200	0	256	0.0000	0.0000	0.0000	2.87E+06	0.095	1280.640	2201	0	3146	0.0004	-0.0001	0.0003	9.02E+06	0.190	4197.610	4200	0	4426	0.0004	-0.0001	0.0003	1.15E+07	0.213	1077.830	6200	0	1317	0.0001	0.0000	0.0001	9.52E+06	0.150
650.734	1202	0	220	0.0000	0.0000	0.0000	2.96E+06	0.096	1281.640	2200	0	3183	0.0004	-0.0001	0.0003	8.97E+06	0.190	4198.610	4201	0	4463	0.0004	-0.0001	0.0003	1.16E+07	0.214	1078.830	6199	0	1354	0.0001	0.0000	0.0001	9.61E+06	0.153
651.734	1200	0	220	0.0000	0.0000	0.0000	2.70E+06	0.090	1282.640	2201	0	3219	0.0004	-0.0001	0.0003	8.98E+06	0.191	4199.610	4201	0	4573	0.0004	-0.0001	0.0003	1.16E+07	0.213	1079.830	6201	0	1463	0.0002	0.0000	0.0001	9.71E+06	0.156
652.733	1200	0	183	0.0001	0.0000	0.0001	3.04E+06	0.085	1283.640	2198	0	3292	0.0004	-0.0001	0.0003	8.95E+06	0.192	4200.610	4200	0	4573	0.0004	-0.0001	0.0003	1.17E+07	0.213	1080.830	6199	0	1390	0.0002	0.0000	0.0001	9.90E+06	0.157
653.733	1201	0	256	0.0001	0.0000	0.0001	3.16E+06	0.085	1284.640	2201	0	3292	0.0004	-0.0001	0.0003	8.94E+06	0.193	4201.610	4200	0	4573	0.0004	-0.0001	0.0003	1.17E+07	0.213	1081.830	6203	0	1500	0.0001	0.0000	0.0001	9.97E+06	0.158
654.733	1201	0	220	0.0000	0.0000	0.0000	3.21E+06	0.085	1285.640	2200	0	3329	0.0004	-0.0001	0.0003	8.95E+06	0.196	4202.610	4198	0	4609	0.0004	-0.0001	0.0003	1.17E+07	0.214	1082.830	6200	0	1646	0.0002	0.0000	0.0001	1.01E+07	0.161
655.732	1202	0	256	0.0000	0.0000	0.0000	3.25E+06	0.086	1286.640	2199	0	3402	0.0004	-0.0001	0.0003	8.98E+06	0.196	4203.610	4199	0	4646	0.0004	-0.0001	0.0003	1.16E+07	0.214	1083.830	6199	0	1610	0.0002	0.0000	0.0001	1.03E+07	0.162
656.732	1201	0	293	0.0000	0.0000	0.0000	3.39E+06	0.093	1287.640	2201	0	3366	0.0004	-0.0001	0.0003	8.97E+06	0.197	4204.610	4201	0	4719	0.0004	-0.0001	0.0003	1.15E+07	0.213	1084.830	6199	0	1719	0.0002	0.0000	0.0001	1.05E+07	0.164
657.732	1201	0	220	0.0001	0.0000	0.0001	3.53E+06	0.084	1288.640	2200	0	3439	0.0004	-0.0001	0.0003	8.97E+06	0.197	4205.610	4200	0	4756	0.0004	-0.0001	0.0003	1.15E+07	0.213	1085.830	6199	0	1756	0.0002	0.0000	0.0001	1.06E+07	0.166
658.731	1199	0	220	0.0000	0.0000	0.0000	3.86E+06	0.081	1289.640	2199	0	3439	0.0004	-0.0001	0.0003	8.98E+06	0.196	4206.600	4201	0	4792	0.0004	-0.0001	0.0003	1.16E+07	0.214	1086.830	6199	0	1793	0.0002	0.0000	0.0001	1.07E+07	0.168
659.731	1200	0	256	0.0001	0.0000	0.0000	3.96E+06	0.085	1290.640	2201	0	3548	0.0004	-0.0001	0.0003	9.00E+06	0.196	4207.600	4199	0	4902	0.0004	-0.0001	0.0003	1.16E+07	0.216	1087.830	6199	0	1829	0.0002	0.0000	0.0001	1.07E+07	0.170
660.731	1200	0	256	0.0000	0.0000	0.0000	4.06E+06	0.076	1291.640	2201	0	3512	0.0004	-0.0001	0.0003	9.03E+06	0.196	4208.600	4199	0	4938	0.0004	-0.0001	0.0003	1.16E+07	0.216	1088.830	6199	0	1866	0.0002	0.0000	0.0001	1.08E+07	0.171
661.730	1201	0	183	0.0000	0.0000	0.0000	4.13E+06	0.078	1292.640	2201	0	3548	0.0004	-0.0001	0.0003	9.07E+06	0.195	4209.600	4200	0	5012	0.0004	-0.0001	0.0003	1.16E+07	0.216	1089.830	6200	0	1975	0.0002	0.0000	0.0001	1.10E+07	0.173
662.730	1200	0	256	0.0000	0.0000	0.0000	4.17E+06	0.078	1293.640	2201	0	3622	0.0004	-0.0001	0.0003	9.05E+06	0.194	4210.600	4201	0	5012	0.0005	-0.0001	0.0003	1.16E+07	0.215	1090.830	6200	0	1975	0.0002	0.0000	0.0001	1.10E+07	0.177
663.730	1200	0	256	0.0001	0.0000	0.0001	4.20E+06	0.075	1294.640	2201	0	3658	0.0004	-0.0001	0.0003	8.97E+06	0.193	4211.600	4200	0	5121	0.0004	-0.0001	0.0003	1.16E+07	0.215	1091.830	6200	0	2049	0.0002	0.0000	0.0002	1.11E+07	0.178
664.729	1201	0	293	0.0000	0.0000	0.0000	4.08E+06	0.074	1295.640	2201	0	3622	0.0004	-0.0001	0.0003	8.97E+06	0.193	4212.600	4200	0	5085	0.0005	-0.0001	0.0003	1.17E+07	0.215	1092.820	6199	0	2122	0.0002	0.0000	0.0002	1.11E+07	0.178
665.729	1200	0	293	0.0001	0.0000	0.0001	4.09E+06	0.074	1296.640	2201	0	3695	0.0004	-0.0001	0.0003	9.03E+06	0.191	4213.600	4201	0	5121	0.0005	-0.0001	0.0003	1.17E+07	0.216	1093.820	6201	0	2158	0.0002	0.0000	0.0001	1.11E+07	0.180
666.729	1200	0	293	0.0000	0.0000	0.0000	4.12E+06	0.069	1297.630	2201	0	3695	0.0004	-0.0001	0.0003	9.09E+06	0.192	4214.600	4198	0	5194	0.0005	-0.0001	0.0003	1.17E+07	0.218	1094.820	6200	0	2158	0.0002	0.0000	0.0002	1.11E+07	0.183
667.729	1202	0	329	0.0000	0.0000	0.0000	4.19E+06	0.064	1298.630	2202	0	3731	0.0004	-0.0001	0.0003	9.11E+06	0.194	4215.600	4201	0	5231	0.0005	-0.0001	0.0003	1.16E+07	0.219	1095.820	6200	0	2158	0.0002	0.0000	0.0002	1.11E+07	0.183
668.728	1201	0	329	0.0001	0.0000	0.0001	4.20E+06	0.059	1299.630	2200	0	3768	0.0004	-0.0001	0.0003	9.13E+06	0.195	4216.600	4200	0	5268	0.0005	-0.0001	0.0003	1.17E+07	0.221	1096.820	6199	0	2305	0.0002	0.0000	0.0002	1.10E+07	0.184
669.728	1200	0	329	0.0001	0.0000	0.0001	4.19E+06	0.063	1300.630	2200	0	3841	0.0004	-0.0001	0.0003	9.17E+06	0.197	4217.600	4202	0	5231	0.0005	-0.0001	0.0003	1.16E+07	0.223	1097.820	6199	0	2305	0.0002	0.0000	0.0002	1.10E+07	0.185
670.728	1199	0	329	0.0001	0.0000	0.0001	4.29E+06	0.063	1301.630	2199	0	3878	0.0005	-0.0001	0.0003	9.24E+06	0.199	4218.600	4201	0	5341	0.0005	-0.0001	0.0003	1.15E+07	0.221	1098.820	6201	0	2378	0.0002	0.0000	0.0002	1.11E+07	0.186
671.461	1199	0	293	0.0001	0.0000	0.0001	4.43E+06	0.064	1302.630	2200	0	3951	0.0004	-0.0001	0.0003	9.17E+06	0.198	4219.600	4199	0	5377	0.0005	-0.0001	0.0003	1.14E+07	0.221	1099.820	6199	0	2378	0.0002	0.0000	0.0002	1.09E+07	0.186
672.461	1200	0	329	0.0001	0.0000	0.0001	4.73E+06	0.064	1303.630	2199	0	3878	0.0005	-0.0001	0.0003	9.19E+06	0.200	4220.600	4200	0	5377	0.0005	-0.0001	0.0003	1.15E+07	0.220	1100.820	6200	0	2451	0.0002	0.0000	0.0002	1.10E+07	0.188
673.460	1200	0	329	0.0001	0.0000	0.0001	5.14E+06	0.081	1304.630	2200	0	4024	0.0005	-0.0001	0.0003	9.12E+06	0.197	4221.600	4200	0	5451	0.0005	-0.0001	0.0003	1.14E+07	0.221	1101.820	6200	0	2414	0.0002	0.0000	0.0002	1.11E+07	0.189
674.460	1201	0	366	0.0001	0.0000	0.0001	5.39E+06	0.088	1305.630	2201	0	4060	0.0005	-0.0001	0.0003	9.18E+06	0.199	4222.600	4201	0	5487	0.0005	-0.0001	0.0003	1.15E+07	0.221	1102.820	6200	0	2561	0.0003	0.0000	0.0002	1.11E+07	0.191
675.460	1201	0	366	0.0001	0.0000	0.0001	5.68E+06	0.095	1306.630	2202	0	4024	0.0005	-0.0001	0.0003	9.26E+06	0.198	4223.600	4200	0	5560	0.0005	-0.0001	0.0003	1.14E+07	0.221	1103.820	6199	0	2597	0.0003	0.0000	0.0002	1.11E+07	0.191
676.459	1200	0	293	0.0001	0.0000	0.0001	5.95E+06	0.102	1307.630	2201	0	4060	0.0005	-0.0001	0.0003	9.32E+06	0.198	4224.600	4202	0	5597	0.0005	-0.0001	0.0003	1.15E+07	0.222	1104.820	6200	0	2634	0.0003	0.0000	0.0002	1.12E+07	0.193
677.459																																			

723.444	1200	0	2122	0.0003	0.0000	0.0003	7.79E+06	0.144	1354.620	2199	0	5853	0.0006	-0.0001	0.0004	1.08E+07	0.237	4271.580	4199	0	7646	0.0007	-0.0001	0.0004	1.19E+07	0.240	1151.810	6201	0	4573	0.0004	-0.0001	0.0003	1.10E+07	0.212
724.444	1201	0	2341	0.0003	0.0000	0.0003	8.05E+06	0.148	1355.620	2201	0	5890	0.0006	-0.0001	0.0004	1.07E+07	0.235	4272.580	4201	0	7682	0.0007	-0.0001	0.0004	1.19E+07	0.240	1152.810	6200	0	4609	0.0004	-0.0001	0.0003	1.11E+07	0.212
725.444	1200	0	2268	0.0003	0.0000	0.0003	8.23E+06	0.149	1356.620	2201	0	5926	0.0007	-0.0001	0.0004	1.07E+07	0.234	4273.580	4201	0	7719	0.0007	-0.0001	0.0004	1.19E+07	0.240	1153.810	6199	0	4646	0.0004	-0.0001	0.0003	1.10E+07	0.214
726.443	1201	0	2378	0.0003	0.0000	0.0003	8.43E+06	0.150	1357.620	2201	0	5999	0.0007	-0.0001	0.0004	1.08E+07	0.236	4274.580	4202	0	7792	0.0007	-0.0001	0.0004	1.19E+07	0.241	1154.810	6200	0	4756	0.0004	-0.0001	0.0003	1.10E+07	0.212
727.443	1201	0	2451	0.0003	0.0000	0.0003	8.53E+06	0.153	1358.620	2198	0	6036	0.0007	-0.0001	0.0004	1.08E+07	0.234	4275.580	4201	0	7828	0.0007	-0.0001	0.0004	1.19E+07	0.241	1155.800	6200	0	4792	0.0004	-0.0001	0.0003	1.11E+07	0.215
728.443	1201	0	2488	0.0004	0.0000	0.0003	8.75E+06	0.154	1359.610	2200	0	6109	0.0007	-0.0001	0.0004	1.07E+07	0.233	4276.580	4199	0	7902	0.0007	-0.0001	0.0004	1.20E+07	0.241	1156.800	6199	0	4756	0.0004	-0.0001	0.0003	1.11E+07	0.216
729.442	1200	0	2451	0.0004	0.0000	0.0003	8.85E+06	0.155	1360.610	2199	0	6146	0.0007	-0.0001	0.0004	1.08E+07	0.235	4277.580	4200	0	7902	0.0007	-0.0001	0.0004	1.19E+07	0.239	1157.800	6200	0	4902	0.0004	-0.0001	0.0003	1.11E+07	0.217
730.442	1203	0	2341	0.0004	0.0000	0.0003	8.95E+06	0.155	1361.610	2201	0	6182	0.0007	-0.0001	0.0004	1.08E+07	0.237	4278.580	4200	0	7975	0.0007	-0.0001	0.0004	1.19E+07	0.243	1158.800	6199	0	4902	0.0005	-0.0001	0.0003	1.11E+07	0.218
731.442	1199	0	2268	0.0004	0.0000	0.0003	9.03E+06	0.156	1362.610	2201	0	6109	0.0007	-0.0001	0.0004	1.09E+07	0.236	4279.580	4199	0	8048	0.0007	-0.0001	0.0004	1.17E+07	0.239	1159.800	6199	0	4865	0.0005	-0.0001	0.0003	1.10E+07	0.218
732.441	1202	0	2268	0.0003	0.0000	0.0003	9.11E+06	0.156	1363.610	2201	0	6146	0.0007	-0.0001	0.0004	1.09E+07	0.237	4280.580	4201	0	8048	0.0007	-0.0001	0.0004	1.16E+07	0.238	1160.800	6201	0	4938	0.0005	-0.0001	0.0003	1.11E+07	0.218
733.441	1199	0	2232	0.0003	0.0000	0.0003	9.02E+06	0.158	1364.610	2203	0	6255	0.0007	-0.0001	0.0004	1.09E+07	0.236	4281.580	4201	0	8084	0.0007	-0.0001	0.0004	1.16E+07	0.239	1161.800	6200	0	4975	0.0005	-0.0001	0.0003	1.11E+07	0.218
734.441	1199	0	2122	0.0003	0.0000	0.0003	8.96E+06	0.157	1365.610	2201	0	6329	0.0007	-0.0001	0.0004	1.10E+07	0.236	4282.580	4201	0	8084	0.0007	-0.0001	0.0004	1.17E+07	0.241	1162.800	6199	0	5048	0.0005	-0.0001	0.0003	1.12E+07	0.218
735.440	1200	0	2158	0.0003	0.0000	0.0003	8.91E+06	0.157	1366.610	2199	0	6329	0.0007	-0.0001	0.0004	1.10E+07	0.238	4283.580	4201	0	8194	0.0007	-0.0001	0.0004	1.17E+07	0.241	1163.800	6200	0	5012	0.0005	-0.0001	0.0003	1.13E+07	0.220
736.440	1201	0	2049	0.0004	0.0000	0.0003	8.87E+06	0.157	1367.610	2201	0	6402	0.0007	-0.0001	0.0004	1.09E+07	0.236	4284.580	4200	0	8267	0.0007	-0.0002	0.0004	1.18E+07	0.240	1164.800	6200	0	5231	0.0005	-0.0001	0.0003	1.14E+07	0.221
737.440	1201	0	2049	0.0004	0.0000	0.0003	8.90E+06	0.158	1368.610	2201	0	6512	0.0007	-0.0001	0.0004	1.09E+07	0.235	4285.580	4201	0	8267	0.0007	-0.0002	0.0004	1.18E+07	0.241	1165.800	6200	0	5231	0.0005	-0.0001	0.0003	1.13E+07	0.221
738.439	1200	0	2049	0.0003	0.0000	0.0003	8.98E+06	0.160	1369.610	2201	0	6475	0.0007	-0.0001	0.0004	1.08E+07	0.237	4286.580	4200	0	8267	0.0007	-0.0002	0.0004	1.18E+07	0.243	1166.800	6199	0	5195	0.0005	-0.0001	0.0003	1.13E+07	0.222
739.439	1199	0	2012	0.0003	0.0000	0.0003	8.99E+06	0.160	1370.610	2199	0	6512	0.0007	-0.0001	0.0005	1.09E+07	0.236	4287.580	4198	0	8340	0.0007	-0.0002	0.0004	1.18E+07	0.242	1167.800	6199	0	5231	0.0005	-0.0001	0.0003	1.14E+07	0.222
740.439	1201	0	2012	0.0003	0.0000	0.0003	8.98E+06	0.161	1371.610	2203	0	6585	0.0007	-0.0001	0.0004	1.08E+07	0.235	4288.580	4200	0	8377	0.0007	-0.0002	0.0004	1.19E+07	0.239	1168.800	6202	0	5268	0.0005	-0.0001	0.0003	1.15E+07	0.224
741.439	1200	0	2049	0.0003	0.0000	0.0003	9.05E+06	0.162	1372.610	2200	0	6548	0.0007	-0.0001	0.0005	1.08E+07	0.236	4289.580	4201	0	8450	0.0007	-0.0002	0.0004	1.19E+07	0.239	1169.800	6199	0	5341	0.0005	-0.0001	0.0003	1.16E+07	0.225
742.438	1201	0	1975	0.0004	0.0000	0.0003	9.12E+06	0.165	1373.610	2201	0	6621	0.0007	-0.0001	0.0004	1.07E+07	0.235	4290.580	4200	0	8487	0.0008	-0.0002	0.0004	1.17E+07	0.239	1170.800	6203	0	5304	0.0005	-0.0001	0.0003	1.17E+07	0.225
743.438	1202	0	2049	0.0003	0.0000	0.0003	9.12E+06	0.166	1374.610	2199	0	6694	0.0007	-0.0001	0.0005	1.06E+07	0.235	4291.580	4200	0	8523	0.0007	-0.0002	0.0004	1.19E+07	0.242	1171.800	6204	0	5378	0.0005	-0.0001	0.0003	1.17E+07	0.226
744.438	1200	0	2158	0.0003	0.0000	0.0003	9.26E+06	0.165	1375.610	2201	0	6694	0.0007	-0.0001	0.0005	1.05E+07	0.235	4292.580	4199	0	8597	0.0008	-0.0002	0.0004	1.19E+07	0.243	1172.800	6201	0	5414	0.0005	-0.0001	0.0003	1.19E+07	0.229
745.437	1199	0	2268	0.0003	0.0000	0.0003	9.28E+06	0.165	1376.610	2201	0	6804	0.0007	-0.0001	0.0005	1.05E+07	0.237	4293.580	4201	0	8633	0.0008	-0.0002	0.0004	1.18E+07	0.244	1173.800	6200	0	5451	0.0005	-0.0001	0.0003	1.21E+07	0.228
746.437	1201	0	2378	0.0004	0.0000	0.0003	9.39E+06	0.168	1377.610	2200	0	6768	0.0007	-0.0001	0.0005	1.06E+07	0.241	4294.580	4201	0	8670	0.0008	-0.0002	0.0004	1.19E+07	0.244	1174.800	6199	0	5487	0.0005	-0.0001	0.0003	1.22E+07	0.233
747.437	1202	0	2414	0.0004	0.0000	0.0003	9.54E+06	0.168	1378.610	2201	0	6877	0.0007	-0.0001	0.0005	1.07E+07	0.242	4295.580	4200	0	8706	0.0007	-0.0002	0.0004	1.19E+07	0.242	1175.800	6200	0	5560	0.0005	-0.0001	0.0003	1.24E+07	0.236
748.436	1199	0	2561	0.0004	0.0000	0.0003	9.64E+06	0.168	1379.610	2200	0	6841	0.0007	-0.0001	0.0005	1.08E+07	0.244	4296.580	4199	0	8743	0.0008	-0.0002	0.0004	1.18E+07	0.243	1176.800	6200	0	5597	0.0005	-0.0001	0.0003	1.24E+07	0.238
749.436	1203	0	2744	0.0004	0.0000	0.0003	9.65E+06	0.168	1380.610	2200	0	6914	0.0007	-0.0001	0.0005	1.08E+07	0.245	4297.580	4198	0	8816	0.0008	-0.0002	0.0004	1.18E+07	0.243	1177.800	6200	0	5670	0.0005	-0.0001	0.0003	1.24E+07	0.239
750.436	1199	0	2780	0.0004	0.0000	0.0003	9.82E+06	0.167	1381.610	2201	0	6914	0.0008	-0.0001	0.0005	1.07E+07	0.245	4298.580	4201	0	8853	0.0008	-0.0002	0.0004	1.18E+07	0.243	1178.800	6201	0	5634	0.0005	-0.0001	0.0003	1.24E+07	0.238
751.435	1200	0	2890	0.0004	0.0000	0.0003	9.80E+06	0.167	1382.610	2200	0	7024	0.0007	-0.0001	0.0005	1.08E+07	0.246	4299.580	4200	0	8853	0.0008	-0.0002	0.0004	1.19E+07	0.243	1179.800	6200	0	5707	0.0005	-0.0001	0.0003	1.24E+07	0.239
752.435	1201	0	2927	0.0004	-0.0001	0.0003	9.85E+06	0.168	1383.610	2201	0	7024	0.0008	-0.0001	0.0005	1.08E+07	0.246	4300.570	4200	0	8889	0.0008	-0.0002	0.0005	1.19E+07	0.243	1180.800	6201	0	5816	0.0005	-0.0001	0.0003	1.24E+07	0.242
753.435	1199	0	2963	0.0004	-0.0001	0.0003	9.87E+06	0.170	1384.610	2199	0	7060	0.0008	-0.0001	0.0005	1.07E+07	0.246	4301.570	4202	0	8962	0.0008	-0.0002	0.0004	1.20E+07	0.242	1181.800	6200	0	5816	0.0005	-0.0001	0.0003	1.24E+07	0.240
754.434	1200	0	3036	0.0004	-0.0001	0.0003	9.88E+06	0.170	1385.610	2200	0	7133	0.0008	-0.0001	0.0005	1.07E+07	0.244	4302.570	4200	0	8999	0.0008	-0.0002	0.0005	1.18E+07	0.241	1182.800	6199	0	5926	0.0005	-0.0001	0.0003	1.25E+07	0.241
755.434	1201	0	3109	0.0004	-0.0001	0.0003	9.91E+06	0.170	1386.610	2200	0	7170	0.0008	-0.0001	0.0005	1.07E+07	0.245	4303.570	4200	0	8999	0.0008	-0.0002	0.0004	1.18E+07	0.241	1183.800	6201	0	5890	0.0005	-0.0001	0.0003	1.26E+	

802.419	1201	0	4829	0.0006	-0.0001	0.0004	9.12E+06	0.193	1433.590	2200	0	9219	0.0010	-0.0002	0.0006	1.11E+07	0.260	4350.560	4201	0	11157	0.0010	-0.0002	0.0005	1.14E+07	0.256	1230.780	6199	0	8048	0.0007	-0.0001	0.0004	1.19E+07	0.239
803.419	1200	0	4829	0.0006	-0.0001	0.0004	9.11E+06	0.194	1434.590	2201	0	9438	0.0009	-0.0002	0.0006	1.11E+07	0.260	4351.560	4202	0	11157	0.0010	-0.0002	0.0005	1.15E+07	0.255	1231.780	6199	0	8158	0.0007	-0.0001	0.0004	1.19E+07	0.239
804.418	1200	0	4829	0.0006	-0.0001	0.0004	8.95E+06	0.193	1435.590	2200	0	9365	0.0010	-0.0002	0.0006	1.11E+07	0.260	4352.560	4201	0	11194	0.0010	-0.0002	0.0006	1.14E+07	0.256	1232.780	6199	0	8121	0.0007	-0.0001	0.0004	1.19E+07	0.239
805.418	1199	0	4902	0.0006	-0.0001	0.0004	8.98E+06	0.195	1436.590	2203	0	9438	0.0010	-0.0002	0.0006	1.11E+07	0.258	4353.560	4199	0	11230	0.0010	-0.0002	0.0005	1.14E+07	0.257	1233.780	6199	0	8267	0.0007	-0.0001	0.0004	1.19E+07	0.240
806.418	1200	0	4902	0.0006	-0.0001	0.0004	8.86E+06	0.193	1437.590	2200	0	9475	0.0010	-0.0002	0.0006	1.10E+07	0.257	4354.560	4200	0	11304	0.0010	-0.0002	0.0005	1.14E+07	0.258	1234.780	6200	0	8231	0.0007	-0.0001	0.0004	1.20E+07	0.241
807.417	1200	0	4939	0.0006	-0.0001	0.0005	8.90E+06	0.194	1438.590	2200	0	9548	0.0010	-0.0002	0.0006	1.11E+07	0.259	4355.560	4200	0	11267	0.0010	-0.0002	0.0005	1.14E+07	0.258	1235.780	6199	0	8341	0.0008	-0.0002	0.0004	1.22E+07	0.243
808.417	1200	0	4939	0.0006	-0.0001	0.0005	8.97E+06	0.195	1439.590	2201	0	9548	0.0010	-0.0002	0.0006	1.10E+07	0.258	4356.560	4202	0	11340	0.0010	-0.0002	0.0005	1.14E+07	0.259	1236.780	6201	0	8377	0.0008	-0.0001	0.0005	1.22E+07	0.243
809.417	1203	0	5012	0.0006	-0.0001	0.0004	8.92E+06	0.191	1440.590	2201	0	9621	0.0010	-0.0002	0.0006	1.10E+07	0.258	4357.560	4201	0	11377	0.0010	-0.0002	0.0006	1.16E+07	0.262	1237.780	6200	0	8377	0.0007	-0.0002	0.0004	1.23E+07	0.245
810.416	1202	0	5048	0.0006	-0.0001	0.0004	8.92E+06	0.191	1441.590	2201	0	9621	0.0010	-0.0002	0.0006	1.10E+07	0.260	4358.560	4198	0	11450	0.0010	-0.0002	0.0006	1.15E+07	0.262	1238.780	6199	0	8414	0.0007	-0.0002	0.0004	1.22E+07	0.243
811.416	1200	0	5048	0.0006	-0.0001	0.0004	8.84E+06	0.190	1442.590	2201	0	9767	0.0010	-0.0002	0.0006	1.11E+07	0.261	4359.560	4200	0	11487	0.0010	-0.0002	0.0006	1.16E+07	0.263	1239.780	6200	0	8487	0.0008	-0.0002	0.0004	1.23E+07	0.246
812.416	1201	0	5048	0.0007	-0.0001	0.0005	8.79E+06	0.190	1443.590	2201	0	9767	0.0010	-0.0002	0.0006	1.10E+07	0.260	4360.560	4199	0	11560	0.0010	-0.0002	0.0006	1.17E+07	0.262	1240.780	6201	0	8524	0.0008	-0.0002	0.0005	1.23E+07	0.247
813.415	1198	0	5122	0.0006	-0.0001	0.0005	8.92E+06	0.189	1444.590	2200	0	9767	0.0010	-0.0002	0.0006	1.11E+07	0.259	4361.560	4200	0	11596	0.0010	-0.0002	0.0006	1.16E+07	0.263	1241.780	6200	0	8597	0.0008	-0.0002	0.0005	1.22E+07	0.248
814.415	1201	0	5122	0.0007	-0.0001	0.0005	8.93E+06	0.192	1445.590	2199	0	9877	0.0010	-0.0002	0.0006	1.11E+07	0.260	4362.560	4198	0	11596	0.0010	-0.0002	0.0006	1.16E+07	0.265	1242.780	6199	0	8597	0.0008	-0.0002	0.0005	1.22E+07	0.247
815.415	1201	0	5195	0.0006	-0.0001	0.0005	8.92E+06	0.193	1446.590	2201	0	9914	0.0010	-0.0002	0.0006	1.11E+07	0.259	4363.550	4200	0	11633	0.0010	-0.0002	0.0006	1.16E+07	0.263	1243.780	6199	0	8633	0.0008	-0.0002	0.0005	1.22E+07	0.246
816.414	1200	0	5268	0.0006	-0.0001	0.0005	9.03E+06	0.192	1447.590	2199	0	9987	0.0010	-0.0002	0.0006	1.12E+07	0.261	4364.550	4200	0	11633	0.0010	-0.0002	0.0006	1.16E+07	0.261	1244.780	6199	0	8706	0.0008	-0.0002	0.0005	1.22E+07	0.246
817.414	1200	0	5231	0.0007	-0.0001	0.0005	8.88E+06	0.189	1448.590	2198	0	10023	0.0010	-0.0002	0.0006	1.12E+07	0.262	4365.550	4201	0	11669	0.0010	-0.0002	0.0006	1.16E+07	0.261	1245.780	6200	0	8780	0.0008	-0.0002	0.0005	1.22E+07	0.243
818.414	1201	0	5268	0.0007	-0.0001	0.0005	8.86E+06	0.190	1449.590	2199	0	10096	0.0010	-0.0002	0.0006	1.12E+07	0.261	4366.550	4200	0	11889	0.0010	-0.0002	0.0006	1.17E+07	0.260	1246.780	6199	0	8853	0.0008	-0.0002	0.0005	1.23E+07	0.243
819.414	1200	0	5304	0.0007	-0.0001	0.0005	8.91E+06	0.190	1450.590	2201	0	10060	0.0010	-0.0002	0.0006	1.12E+07	0.263	4367.550	4200	0	11816	0.0010	-0.0002	0.0006	1.15E+07	0.256	1247.780	6199	0	8889	0.0008	-0.0002	0.0005	1.22E+07	0.240
820.413	1198	0	5304	0.0007	-0.0001	0.0005	8.91E+06	0.192	1451.590	2202	0	10133	0.0010	-0.0002	0.0006	1.12E+07	0.263	4368.550	4198	0	11816	0.0010	-0.0002	0.0006	1.14E+07	0.256	1248.780	6199	0	8926	0.0008	-0.0002	0.0005	1.22E+07	0.243
821.413	1201	0	5304	0.0007	-0.0001	0.0005	8.90E+06	0.194	1452.590	2199	0	10133	0.0010	-0.0002	0.0006	1.12E+07	0.265	4369.550	4199	0	11889	0.0010	-0.0002	0.0006	1.14E+07	0.255	1249.770	6199	0	8999	0.0008	-0.0002	0.0005	1.22E+07	0.242
822.413	1201	0	5414	0.0007	-0.0001	0.0005	8.96E+06	0.195	1453.580	2201	0	10243	0.0010	-0.0002	0.0006	1.12E+07	0.267	4370.550	4200	0	11889	0.0010	-0.0002	0.0006	1.14E+07	0.253	1250.770	6199	0	8963	0.0008	-0.0002	0.0005	1.22E+07	0.241
823.412	1198	0	5414	0.0007	-0.0001	0.0005	8.91E+06	0.195	1454.580	2200	0	10243	0.0010	-0.0002	0.0006	1.13E+07	0.268	4371.550	4201	0	11925	0.0010	-0.0002	0.0006	1.14E+07	0.254	1251.770	6199	0	8999	0.0008	-0.0002	0.0005	1.21E+07	0.239
824.412	1202	0	5451	0.0007	-0.0001	0.0005	8.93E+06	0.196	1455.580	2201	0	10279	0.0010	-0.0002	0.0006	1.13E+07	0.268	4372.550	4200	0	12072	0.0010	-0.0002	0.0006	1.14E+07	0.252	1252.770	6199	0	9109	0.0008	-0.0002	0.0005	1.21E+07	0.239
825.412	1200	0	5487	0.0007	-0.0001	0.0005	9.09E+06	0.196	1456.580	2201	0	10316	0.0011	-0.0002	0.0006	1.13E+07	0.268	4373.550	4200	0	12108	0.0010	-0.0002	0.0006	1.15E+07	0.251	1253.770	6200	0	9109	0.0008	-0.0002	0.0005	1.20E+07	0.239
826.411	1200	0	5451	0.0007	-0.0001	0.0005	9.14E+06	0.197	1457.580	2199	0	10426	0.0011	-0.0002	0.0006	1.14E+07	0.270	4374.550	4201	0	12072	0.0010	-0.0002	0.0006	1.13E+07	0.248	1254.770	6199	0	9219	0.0008	-0.0002	0.0005	1.20E+07	0.240
827.411	1201	0	5524	0.0007	-0.0001	0.0005	9.14E+06	0.198	1458.580	2199	0	10499	0.0011	-0.0002	0.0006	1.14E+07	0.269	4375.550	4199	0	12218	0.0011	-0.0002	0.0006	1.13E+07	0.248	1255.770	6200	0	9292	0.0008	-0.0002	0.0005	1.20E+07	0.239
828.411	1202	0	5560	0.0007	-0.0001	0.0005	9.13E+06	0.198	1459.580	2200	0	10462	0.0011	-0.0002	0.0006	1.13E+07	0.269	4376.550	4201	0	12145	0.0011	-0.0002	0.0006	1.12E+07	0.248	1256.770	6200	0	9219	0.0008	-0.0002	0.0005	1.20E+07	0.240
829.410	1201	0	5597	0.0007	-0.0001	0.0005	9.14E+06	0.199	1460.580	2201	0	10572	0.0011	-0.0002	0.0006	1.15E+07	0.272	4377.550	4200	0	12218	0.0011	-0.0002	0.0006	1.13E+07	0.247	1257.770	6199	0	9292	0.0008	-0.0002	0.0005	1.20E+07	0.239
830.410	1200	0	5670	0.0007	-0.0001	0.0005	9.15E+06	0.200	1461.580	2200	0	10682	0.0011	-0.0002	0.0006	1.15E+07	0.273	4378.550	4201	0	12328	0.0011	-0.0002	0.0006	1.14E+07	0.247	1258.770	6200	0	9328	0.0008	-0.0002	0.0005	1.20E+07	0.241
831.410	1201	0	5670	0.0007	-0.0001	0.0005	9.10E+06	0.197	1462.580	2202	0	10609	0.0011	-0.0002	0.0006	1.16E+07	0.274	4379.550	4201	0	12328	0.0011	-0.0002	0.0006	1.13E+07	0.248	1259.770	6200	0	9401	0.0008	-0.0002	0.0005	1.21E+07	0.241
832.409	1200	0	5707	0.0007	-0.0001	0.0005	9.15E+06	0.200	1463.580	2199	0	10682	0.0011	-0.0002	0.0006	1.15E+07	0.273	4380.550	4202	0	12438	0.0011	-0.0002	0.0006	1.13E+07	0.248	1260.770	6199	0	9511	0.0008	-0.0002	0.0005	1.21E+07	0.244
833.409	1201	0	5780	0.0007	-0.0001	0.0005	9.20E+06	0.199	1464.580	2199	0	10682	0.0011	-0.0002	0.0006	1.15E+07	0.274	4381.550	4201	0	12438	0.0011	-0.0002	0.0006	1.13E+07	0.248	1261.770	6200	0	9475	0.0008	-0.0002	0.0005	1.20E+07	0.246
834.409	1201	0	5853	0.0007	-0.0001	0.0005	9.22E+06	0.199	1465.580	2201	0	10755	0.0011	-0.0002	0.0006	1.16E+07	0.276	4382.550	4200	0	12438	0.0011	-0.0002	0.0006	1.13E+07	0.250	1262.770	6200	0						

881.394	1199	0	7463	0.0009	-0.0001	0.0006	9.92E+06	0.212	1512.570	2200	0	12621	0.0013	-0.0003	0.0007	1.14E+07	0.303	4429.530	4201	0	14596	0.0013	-0.0003	0.0007	1.14E+07	0.279	1309.760	6200	0	12182	0.0011	-0.0002	0.0006	1.14E+07	0.241
882.393	1201	0	7499	0.0009	-0.0001	0.0006	9.89E+06	0.212	1513.570	2198	0	12767	0.0013	-0.0003	0.0007	1.15E+07	0.306	4430.530	4199	0	14596	0.0013	-0.0003	0.0007	1.13E+07	0.282	1310.760	6199	0	12218	0.0011	-0.0002	0.0006	1.14E+07	0.240
883.393	1199	0	7536	0.0009	-0.0001	0.0006	9.91E+06	0.216	1514.570	2201	0	12840	0.0013	-0.0003	0.0007	1.15E+07	0.307	4431.530	4200	0	14706	0.0013	-0.0003	0.0007	1.13E+07	0.283	1311.750	6200	0	12291	0.0011	-0.0002	0.0006	1.14E+07	0.239
884.393	1202	0	7536	0.0009	-0.0001	0.0006	1.01E+07	0.218	1515.560	2201	0	12840	0.0013	-0.0003	0.0007	1.16E+07	0.309	4432.530	4200	0	14706	0.0013	-0.0003	0.0007	1.12E+07	0.280	1312.750	6200	0	12218	0.0011	-0.0002	0.0006	1.14E+07	0.244
885.392	1200	0	7609	0.0009	-0.0001	0.0006	1.02E+07	0.218	1516.560	2201	0	12877	0.0013	-0.0003	0.0007	1.16E+07	0.308	4433.530	4201	0	14706	0.0013	-0.0003	0.0007	1.11E+07	0.281	1313.750	6199	0	12291	0.0011	-0.0002	0.0006	1.15E+07	0.245
886.392	1201	0	7609	0.0009	-0.0001	0.0006	1.01E+07	0.217	1517.560	2201	0	12950	0.0013	-0.0003	0.0007	1.16E+07	0.307	4434.530	4200	0	14779	0.0013	-0.0003	0.0007	1.12E+07	0.280	1314.750	6199	0	12291	0.0011	-0.0002	0.0006	1.15E+07	0.248
887.392	1200	0	7828	0.0009	-0.0001	0.0006	1.01E+07	0.218	1518.560	2200	0	12950	0.0013	-0.0003	0.0007	1.16E+07	0.308	4435.530	4199	0	14815	0.0013	-0.0003	0.0007	1.11E+07	0.282	1315.750	6200	0	12365	0.0011	-0.0002	0.0006	1.15E+07	0.250
888.391	1200	0	7828	0.0009	-0.0001	0.0006	1.02E+07	0.217	1519.560	2201	0	12986	0.0013	-0.0003	0.0007	1.17E+07	0.311	4436.530	4198	0	14852	0.0013	-0.0003	0.0007	1.10E+07	0.282	1316.750	6199	0	12365	0.0011	-0.0002	0.0006	1.16E+07	0.249
889.391	1198	0	7719	0.0009	-0.0001	0.0006	1.01E+07	0.219	1520.560	2200	0	13096	0.0013	-0.0003	0.0007	1.16E+07	0.310	4437.530	4200	0	14925	0.0013	-0.0003	0.0007	1.11E+07	0.285	1317.750	6199	0	12438	0.0011	-0.0002	0.0006	1.16E+07	0.250
890.391	1200	0	7828	0.0009	-0.0002	0.0006	1.02E+07	0.219	1521.560	2200	0	13060	0.0013	-0.0003	0.0007	1.17E+07	0.309	4438.530	4200	0	14998	0.0013	-0.0003	0.0007	1.11E+07	0.285	1318.750	6202	0	12474	0.0011	-0.0002	0.0006	1.16E+07	0.250
891.391	1199	0	7865	0.0009	-0.0002	0.0006	1.03E+07	0.222	1522.560	2201	0	13096	0.0013	-0.0003	0.0007	1.18E+07	0.310	4439.530	4201	0	15108	0.0013	-0.0003	0.0007	1.10E+07	0.286	1319.750	6201	0	12547	0.0011	-0.0002	0.0006	1.14E+07	0.251
892.390	1201	0	7865	0.0009	-0.0001	0.0006	1.02E+07	0.222	1523.560	2201	0	13169	0.0013	-0.0003	0.0007	1.19E+07	0.310	4440.530	4200	0	15071	0.0013	-0.0003	0.0007	1.11E+07	0.287	1320.750	6199	0	12547	0.0011	-0.0002	0.0006	1.15E+07	0.254
893.390	1200	0	7938	0.0009	-0.0002	0.0006	1.02E+07	0.224	1524.560	2201	0	13243	0.0013	-0.0003	0.0007	1.18E+07	0.306	4441.530	4199	0	15071	0.0013	-0.0003	0.0007	1.12E+07	0.288	1321.750	6202	0	12547	0.0011	-0.0002	0.0006	1.15E+07	0.252
894.390	1199	0	7938	0.0009	-0.0002	0.0006	1.02E+07	0.226	1525.560	2200	0	13279	0.0013	-0.0003	0.0007	1.19E+07	0.305	4442.530	4201	0	15181	0.0013	-0.0003	0.0007	1.11E+07	0.288	1322.750	6199	0	12621	0.0011	-0.0002	0.0006	1.14E+07	0.253
895.389	1200	0	8048	0.0009	-0.0002	0.0006	1.02E+07	0.226	1526.560	2201	0	13279	0.0013	-0.0003	0.0007	1.19E+07	0.305	4443.530	4202	0	15181	0.0013	-0.0003	0.0007	1.12E+07	0.289	1323.750	6200	0	12621	0.0011	-0.0002	0.0006	1.14E+07	0.254
896.389	1200	0	8048	0.0010	-0.0002	0.0006	1.03E+07	0.225	1527.560	2200	0	13352	0.0013	-0.0003	0.0007	1.20E+07	0.306	4444.530	4199	0	15328	0.0013	-0.0003	0.0007	1.13E+07	0.291	1324.750	6199	0	12621	0.0011	-0.0002	0.0006	1.15E+07	0.255
897.389	1203	0	8121	0.0009	-0.0002	0.0006	1.03E+07	0.225	1528.560	2200	0	13352	0.0013	-0.0003	0.0007	1.19E+07	0.304	4445.530	4200	0	15364	0.0013	-0.0003	0.0007	1.12E+07	0.291	1325.750	6199	0	12730	0.0011	-0.0002	0.0006	1.15E+07	0.255
898.388	1201	0	8085	0.0010	-0.0002	0.0007	1.03E+07	0.222	1529.560	2201	0	13425	0.0013	-0.0003	0.0007	1.20E+07	0.304	4446.530	4201	0	15328	0.0013	-0.0003	0.0007	1.13E+07	0.290	1326.750	6199	0	12804	0.0011	-0.0002	0.0006	1.15E+07	0.255
899.388	1199	0	8121	0.0010	-0.0002	0.0006	1.02E+07	0.221	1530.560	2200	0	13499	0.0013	-0.0003	0.0007	1.18E+07	0.300	4447.530	4200	0	15364	0.0013	-0.0003	0.0007	1.14E+07	0.290	1327.750	6200	0	12767	0.0011	-0.0002	0.0006	1.17E+07	0.256
900.388	1199	0	8267	0.0010	-0.0002	0.0006	1.03E+07	0.222	1531.560	2201	0	13572	0.0013	-0.0003	0.0007	1.20E+07	0.305	4448.530	4200	0	15437	0.0013	-0.0003	0.0007	1.14E+07	0.291	1328.750	6200	0	12877	0.0011	-0.0002	0.0006	1.16E+07	0.252
901.387	1200	0	8304	0.0010	-0.0002	0.0006	1.03E+07	0.220	1532.560	2201	0	13535	0.0013	-0.0003	0.0007	1.22E+07	0.303	4449.530	4201	0	15547	0.0013	-0.0003	0.0007	1.15E+07	0.290	1329.750	6200	0	12840	0.0011	-0.0002	0.0006	1.16E+07	0.251
902.387	1203	0	8304	0.0010	-0.0002	0.0007	1.04E+07	0.221	1533.560	2199	0	13681	0.0013	-0.0003	0.0007	1.22E+07	0.303	4450.530	4201	0	15584	0.0013	-0.0003	0.0007	1.15E+07	0.287	1330.750	6199	0	12913	0.0011	-0.0002	0.0006	1.17E+07	0.249
903.387	1201	0	8377	0.0010	-0.0002	0.0006	1.05E+07	0.222	1534.560	2199	0	13645	0.0013	-0.0003	0.0007	1.22E+07	0.303	4451.530	4200	0	15547	0.0013	-0.0003	0.0007	1.14E+07	0.287	1331.750	6199	0	12950	0.0011	-0.0002	0.0006	1.19E+07	0.251
904.386	1201	0	8414	0.0010	-0.0002	0.0007	1.04E+07	0.222	1535.560	2200	0	13645	0.0013	-0.0003	0.0007	1.20E+07	0.303	4452.530	4199	0	15693	0.0013	-0.0003	0.0007	1.15E+07	0.287	1332.750	6199	0	12987	0.0011	-0.0002	0.0006	1.18E+07	0.250
905.386	1200	0	8450	0.0010	-0.0002	0.0006	1.03E+07	0.221	1536.560	2200	0	13718	0.0013	-0.0003	0.0007	1.19E+07	0.300	4453.530	4200	0	15657	0.0014	-0.0003	0.0007	1.15E+07	0.286	1333.750	6199	0	13023	0.0011	-0.0002	0.0006	1.17E+07	0.250
906.386	1200	0	8524	0.0010	-0.0002	0.0007	1.04E+07	0.219	1537.560	2199	0	13864	0.0014	-0.0003	0.0007	1.19E+07	0.300	4454.530	4201	0	15693	0.0014	-0.0003	0.0007	1.16E+07	0.286	1334.750	6199	0	13060	0.0011	-0.0002	0.0006	1.17E+07	0.251
907.385	1199	0	8560	0.0010	-0.0002	0.0007	1.03E+07	0.221	1538.560	2201	0	13828	0.0013	-0.0003	0.0007	1.20E+07	0.301	4455.530	4200	0	15693	0.0014	-0.0003	0.0007	1.16E+07	0.287	1335.750	6200	0	13133	0.0011	-0.0002	0.0006	1.16E+07	0.249
908.385	1201	0	8633	0.0010	-0.0002	0.0007	1.03E+07	0.221	1539.560	2201	0	13901	0.0014	-0.0003	0.0007	1.19E+07	0.301	4456.520	4199	0	15803	0.0014	-0.0003	0.0007	1.17E+07	0.287	1336.750	6201	0	13096	0.0011	-0.0002	0.0006	1.16E+07	0.250
909.385	1201	0	8633	0.0010	-0.0002	0.0007	1.03E+07	0.222	1540.560	2201	0	13974	0.0014	-0.0003	0.0007	1.20E+07	0.303	4457.520	4200	0	15913	0.0014	-0.0003	0.0007	1.17E+07	0.291	1337.750	6200	0	13206	0.0011	-0.0003	0.0006	1.16E+07	0.253
910.384	1203	0	8706	0.0010	-0.0002	0.0007	1.01E+07	0.220	1541.560	2200	0	13974	0.0014	-0.0003	0.0008	1.20E+07	0.302	4458.520	4199	0	15913	0.0014	-0.0003	0.0007	1.19E+07	0.292	1338.750	6199	0	13206	0.0011	-0.0002	0.0006	1.15E+07	0.252
911.384	1202	0	8633	0.0010	-0.0002	0.0007	1.01E+07	0.220	1542.560	2200	0	14120	0.0014	-0.0003	0.0008	1.20E+07	0.301	4459.520	4199	0	15986	0.0014	-0.0003	0.0007	1.19E+07	0.290	1339.750	6199	0	13243	0.0011	-0.0003	0.0006	1.15E+07	0.255
912.384	1200	0	8780	0.0010	-0.0002	0.0007	1.01E+07	0.217	1543.560	2199	0	14120	0.0014	-0.0003	0.0008	1.21E+07	0.302	4460.520	4199	0	15986	0.0014	-0.0003	0.0007	1.19E+07	0.289	1340.750	6200	0	13316	0.0012	-0.0003	0.0006	1.13E+07	0.254
913.383	1200	0	8780	0.0010	-0.0002	0.0007	1.02E+07	0.218	1544.560	2200	0	14194	0.0014	-0.0003	0.0008	1.21E+07	0.301	4461.520	4201	0	16023	0.0014	-0.0003	0.0007	1										

960.368	1202	0	10755	0.0012	-0.0002	0.0008	1.08E+07	0.247	1591.540	2199	0	16681	0.0016	-0.0004	0.0008	1.20E+07	0.325	4508.510	4201	0	18181	0.0016	-0.0004	0.0008	1.17E+07	0.303	1388.730	6198	0	15474	0.0013	-0.0003	0.0007	1.22E+07	0.267
961.368	1200	0	10755	0.0012	-0.0002	0.0008	1.09E+07	0.248	1592.540	2201	0	16718	0.0016	-0.0004	0.0008	1.21E+07	0.325	4509.510	4201	0	18218	0.0016	-0.0004	0.0008	1.17E+07	0.302	1389.730	6201	0	15437	0.0013	-0.0003	0.0007	1.21E+07	0.268
962.368	1201	0	10792	0.0012	-0.0002	0.0008	1.10E+07	0.248	1593.540	2201	0	16718	0.0016	-0.0004	0.0008	1.21E+07	0.327	4510.510	4200	0	18327	0.0016	-0.0004	0.0008	1.17E+07	0.302	1390.730	6199	0	15511	0.0013	-0.0003	0.0007	1.20E+07	0.267
963.367	1200	0	10938	0.0012	-0.0002	0.0008	1.10E+07	0.249	1594.540	2200	0	16754	0.0016	-0.0004	0.0008	1.22E+07	0.332	4511.510	4200	0	18291	0.0016	-0.0004	0.0008	1.17E+07	0.303	1391.730	6199	0	15547	0.0013	-0.0003	0.0007	1.20E+07	0.267
964.367	1199	0	10865	0.0012	-0.0002	0.0008	1.10E+07	0.250	1595.540	2199	0	16791	0.0016	-0.0004	0.0008	1.22E+07	0.332	4512.510	4201	0	18327	0.0016	-0.0004	0.0008	1.18E+07	0.303	1392.730	6201	0	15511	0.0013	-0.0003	0.0007	1.19E+07	0.265
965.367	1200	0	10938	0.0012	-0.0002	0.0008	1.10E+07	0.251	1596.540	2201	0	16827	0.0016	-0.0004	0.0008	1.20E+07	0.331	4513.510	4199	0	18437	0.0016	-0.0004	0.0008	1.18E+07	0.303	1393.730	6200	0	15547	0.0014	-0.0003	0.0007	1.18E+07	0.267
966.366	1199	0	10938	0.0012	-0.0002	0.0008	1.10E+07	0.252	1597.540	2199	0	16901	0.0016	-0.0004	0.0008	1.22E+07	0.334	4514.510	4201	0	18437	0.0016	-0.0004	0.0008	1.17E+07	0.303	1394.730	6199	0	15657	0.0013	-0.0003	0.0007	1.18E+07	0.268
967.366	1202	0	11048	0.0012	-0.0002	0.0008	1.14E+07	0.257	1598.540	2199	0	16937	0.0016	-0.0004	0.0008	1.23E+07	0.333	4515.510	4200	0	18547	0.0016	-0.0004	0.0008	1.17E+07	0.302	1395.730	6199	0	15694	0.0013	-0.0003	0.0007	1.17E+07	0.266
968.366	1200	0	11084	0.0012	-0.0002	0.0008	1.15E+07	0.256	1599.540	2199	0	17010	0.0016	-0.0004	0.0008	1.21E+07	0.332	4516.510	4200	0	18583	0.0016	-0.0004	0.0008	1.16E+07	0.301	1396.730	6200	0	15803	0.0014	-0.0003	0.0007	1.15E+07	0.264
969.366	1202	0	11048	0.0012	-0.0002	0.0008	1.15E+07	0.254	1600.540	2198	0	17010	0.0016	-0.0004	0.0008	1.22E+07	0.329	4517.510	4200	0	18693	0.0016	-0.0004	0.0008	1.17E+07	0.304	1397.730	6201	0	15803	0.0014	-0.0003	0.0007	1.17E+07	0.267
970.365	1202	0	11157	0.0012	-0.0002	0.0008	1.13E+07	0.251	1601.540	2200	0	17047	0.0016	-0.0004	0.0008	1.22E+07	0.330	4518.500	4200	0	18656	0.0016	-0.0004	0.0008	1.17E+07	0.304	1398.730	6199	0	15840	0.0014	-0.0003	0.0007	1.17E+07	0.266
971.365	1200	0	11194	0.0012	-0.0002	0.0008	1.14E+07	0.251	1602.540	2197	0	17120	0.0016	-0.0004	0.0008	1.22E+07	0.334	4519.500	4199	0	18693	0.0016	-0.0004	0.0008	1.16E+07	0.302	1399.730	6199	0	15876	0.0014	-0.0003	0.0008	1.17E+07	0.266
972.365	1200	0	11194	0.0012	-0.0002	0.0008	1.14E+07	0.253	1603.540	2199	0	17230	0.0016	-0.0004	0.0009	1.22E+07	0.335	4520.500	4199	0	18839	0.0016	-0.0004	0.0008	1.17E+07	0.304	1400.730	6198	0	15950	0.0014	-0.0003	0.0008	1.16E+07	0.264
973.364	1200	0	11304	0.0013	-0.0002	0.0008	1.15E+07	0.252	1604.540	2201	0	17230	0.0016	-0.0004	0.0008	1.22E+07	0.333	4521.500	4201	0	18839	0.0016	-0.0004	0.0008	1.16E+07	0.303	1401.730	6202	0	15986	0.0014	-0.0003	0.0007	1.16E+07	0.263
974.364	1202	0	11304	0.0013	-0.0002	0.0008	1.15E+07	0.253	1605.540	2202	0	17266	0.0016	-0.0004	0.0008	1.22E+07	0.334	4522.500	4199	0	18876	0.0016	-0.0004	0.0008	1.16E+07	0.301	1402.730	6199	0	16023	0.0014	-0.0003	0.0008	1.17E+07	0.265
975.364	1202	0	11340	0.0013	-0.0002	0.0008	1.15E+07	0.255	1606.540	2201	0	17340	0.0016	-0.0004	0.0008	1.21E+07	0.333	4523.500	4199	0	18912	0.0016	-0.0004	0.0008	1.15E+07	0.300	1403.730	6199	0	16059	0.0014	-0.0003	0.0008	1.18E+07	0.266
976.363	1202	0	11377	0.0013	-0.0002	0.0008	1.14E+07	0.254	1607.540	2201	0	17303	0.0016	-0.0004	0.0008	1.22E+07	0.335	4524.500	4199	0	18949	0.0016	-0.0004	0.0008	1.15E+07	0.300	1404.730	6199	0	16059	0.0014	-0.0003	0.0007	1.18E+07	0.267
977.363	1200	0	11450	0.0013	-0.0002	0.0008	1.15E+07	0.255	1608.540	2199	0	17303	0.0016	-0.0004	0.0008	1.21E+07	0.332	4525.500	4200	0	19022	0.0016	-0.0004	0.0008	1.15E+07	0.300	1405.720	6199	0	16169	0.0014	-0.0003	0.0008	1.18E+07	0.271
978.363	1200	0	11450	0.0013	-0.0002	0.0008	1.14E+07	0.252	1609.530	2201	0	17522	0.0017	-0.0004	0.0009	1.21E+07	0.331	4526.500	4202	0	19022	0.0016	-0.0004	0.0008	1.15E+07	0.300	1406.720	6199	0	16242	0.0014	-0.0003	0.0008	1.17E+07	0.272
979.362	1200	0	11523	0.0013	-0.0002	0.0008	1.14E+07	0.255	1610.530	2201	0	17449	0.0016	-0.0004	0.0008	1.21E+07	0.335	4527.500	4201	0	19132	0.0016	-0.0004	0.0008	1.16E+07	0.301	1407.720	6202	0	16242	0.0014	-0.0003	0.0008	1.18E+07	0.272
980.362	1200	0	11560	0.0013	-0.0002	0.0008	1.14E+07	0.255	1611.530	2201	0	17522	0.0016	-0.0004	0.0009	1.20E+07	0.334	4528.500	4204	0	19169	0.0016	-0.0004	0.0008	1.15E+07	0.298	1408.720	6200	0	16315	0.0014	-0.0003	0.0008	1.18E+07	0.273
981.362	1199	0	11633	0.0013	-0.0002	0.0008	1.13E+07	0.255	1612.530	2200	0	17522	0.0016	-0.0004	0.0008	1.20E+07	0.331	4529.500	4202	0	19242	0.0016	-0.0004	0.0008	1.15E+07	0.299	1409.720	6200	0	16388	0.0014	-0.0003	0.0008	1.18E+07	0.273
982.361	1202	0	11669	0.0013	-0.0002	0.0008	1.13E+07	0.255	1613.530	2201	0	17559	0.0016	-0.0004	0.0008	1.21E+07	0.334	4530.500	4201	0	19242	0.0017	-0.0004	0.0008	1.15E+07	0.302	1410.720	6200	0	16388	0.0014	-0.0003	0.0008	1.19E+07	0.273
983.361	1201	0	11743	0.0013	-0.0002	0.0008	1.12E+07	0.258	1614.530	2199	0	17632	0.0016	-0.0004	0.0008	1.21E+07	0.332	4531.500	4200	0	19352	0.0017	-0.0004	0.0008	1.16E+07	0.304	1411.720	6200	0	16425	0.0014	-0.0003	0.0008	1.20E+07	0.275
984.361	1201	0	11779	0.0013	-0.0002	0.0008	1.11E+07	0.256	1615.530	2200	0	17705	0.0017	-0.0004	0.0009	1.21E+07	0.334	4532.500	4201	0	19352	0.0017	-0.0004	0.0009	1.16E+07	0.304	1412.720	6199	0	16608	0.0014	-0.0003	0.0008	1.20E+07	0.275
985.360	1202	0	11816	0.0013	-0.0002	0.0008	1.11E+07	0.256	1616.530	2201	0	17742	0.0017	-0.0004	0.0009	1.22E+07	0.334	4533.500	4200	0	19425	0.0017	-0.0004	0.0008	1.16E+07	0.304	1413.720	6200	0	16535	0.0014	-0.0003	0.0008	1.19E+07	0.274
986.360	1203	0	11852	0.0013	-0.0002	0.0008	1.11E+07	0.257	1617.530	2200	0	17815	0.0017	-0.0004	0.0009	1.21E+07	0.331	4534.500	4200	0	19352	0.0017	-0.0004	0.0009	1.16E+07	0.306	1414.720	6199	0	16718	0.0014	-0.0003	0.0008	1.19E+07	0.273
987.360	1202	0	11889	0.0013	-0.0002	0.0008	1.10E+07	0.256	1618.530	2200	0	17852	0.0017	-0.0004	0.0008	1.22E+07	0.335	4535.500	4199	0	19461	0.0017	-0.0004	0.0008	1.15E+07	0.305	1415.720	6199	0	16718	0.0014	-0.0003	0.0008	1.20E+07	0.276
988.359	1202	0	11962	0.0013	-0.0002	0.0008	1.11E+07	0.256	1619.530	2201	0	17888	0.0017	-0.0004	0.0008	1.23E+07	0.336	4536.500	4200	0	19498	0.0017	-0.0004	0.0008	1.16E+07	0.307	1416.720	6201	0	16718	0.0014	-0.0003	0.0008	1.21E+07	0.277
989.359	1202	0	12035	0.0013	-0.0002	0.0008	1.11E+07	0.257	1620.530	2201	0	17852	0.0017	-0.0004	0.0009	1.22E+07	0.335	4537.500	4200	0	19571	0.0017	-0.0004	0.0009	1.17E+07	0.309	1417.720	6201	0	16754	0.0014	-0.0003	0.0008	1.22E+07	0.279
990.359	1201	0	12035	0.0013	-0.0002	0.0008	1.10E+07	0.257	1621.530	2200	0	17962	0.0017	-0.0004	0.0009	1.20E+07	0.335	4538.500	4201	0	19608	0.0017	-0.0004	0.0009	1.17E+07	0.311	1418.720	6199	0	16828	0.0015	-0.0003	0.0008	1.21E+07	0.279
991.358	1200	0	12072	0.0013	-0.0002	0.0008	1.09E+07	0.258	1622.530	2198	0	17962	0.0017	-0.0004	0.0009	1.20E+07	0.336	4539.500	4202	0	19681	0.0017	-0.0004	0.0009	1.17E+07	0.309	1419.720	6199	0	16901	0.0014	-0.0003	0.0008	1.20E+07	0.276
992.358	1199	0	12182	0.0013	-0.0002	0.0008	1.08E+07	0.253	1623.530	2198	0	17998	0.0017	-0.0004	0.0009	1.19E+07	0.333	4540.500	4200	0	19717	0													

1039.340	1200	0	14194	0.0015	-0.0003	0.0009	1.06E+07	0.270	1670.520	2201	0	20047	0.0019	-0.0005	0.0009	1.08E+07	0.334	4587.480	4199	0	21839	0.0019	-0.0005	0.0009	1.10E+07	0.309	1467.700	6200	0	19022	0.0016	-0.0004	0.0009	1.23E+07	0.285
1040.340	1200	0	14267	0.0015	-0.0003	0.0009	1.06E+07	0.271	1671.520	2201	0	20047	0.0019	-0.0005	0.0009	1.09E+07	0.335	4588.480	4199	0	21912	0.0019	-0.0005	0.0009	1.11E+07	0.309	1468.700	6200	0	19022	0.0016	-0.0004	0.0009	1.22E+07	0.283
1041.340	1201	0	14230	0.0015	-0.0003	0.0009	1.05E+07	0.271	1672.510	2199	0	20120	0.0018	-0.0005	0.0009	1.10E+07	0.335	4589.480	4200	0	21912	0.0019	-0.0005	0.0009	1.12E+07	0.311	1469.700	6199	0	19059	0.0016	-0.0004	0.0009	1.23E+07	0.283
1042.340	1201	0	14303	0.0015	-0.0003	0.0009	1.05E+07	0.271	1673.510	2198	0	20193	0.0019	-0.0005	0.0009	1.11E+07	0.338	4590.480	4201	0	21985	0.0019	-0.0005	0.0009	1.11E+07	0.310	1470.700	6200	0	19096	0.0016	-0.0004	0.0009	1.22E+07	0.283
1043.340	1200	0	14340	0.0015	-0.0003	0.0009	1.04E+07	0.269	1674.510	2201	0	20888	0.0019	-0.0005	0.0009	1.11E+07	0.337	4591.480	4197	0	21985	0.0019	-0.0005	0.0009	1.11E+07	0.309	1471.700	6201	0	19132	0.0016	-0.0004	0.0009	1.23E+07	0.287
1044.340	1200	0	14413	0.0015	-0.0003	0.0009	1.05E+07	0.270	1675.510	2200	0	21217	0.0020	-0.0005	0.0010	1.10E+07	0.335	4592.480	4198	0	22022	0.0019	-0.0005	0.0009	1.11E+07	0.309	1472.700	6203	0	19278	0.0016	-0.0004	0.0009	1.24E+07	0.290
1045.340	1200	0	14413	0.0015	-0.0003	0.0009	1.04E+07	0.269	1676.510	2200	0	21071	0.0020	-0.0005	0.0010	1.10E+07	0.336	4593.480	4200	0	22059	0.0019	-0.0005	0.0009	1.11E+07	0.309	1473.700	6200	0	19242	0.0017	-0.0004	0.0009	1.24E+07	0.292
1046.340	1199	0	14523	0.0015	-0.0003	0.0009	1.05E+07	0.271	1677.510	2201	0	20998	0.0019	-0.0005	0.0009	1.08E+07	0.336	4594.480	4200	0	22205	0.0019	-0.0005	0.0009	1.11E+07	0.309	1474.700	6199	0	19278	0.0016	-0.0004	0.0009	1.25E+07	0.294
1047.340	1199	0	14559	0.0015	-0.0003	0.0009	1.05E+07	0.273	1678.510	2199	0	21034	0.0019	-0.0005	0.0009	1.07E+07	0.335	4595.480	4202	0	22205	0.0019	-0.0005	0.0009	1.11E+07	0.309	1475.700	6199	0	19388	0.0016	-0.0004	0.0009	1.24E+07	0.296
1048.340	1200	0	14596	0.0016	-0.0003	0.0010	1.05E+07	0.274	1679.510	2201	0	20998	0.0019	-0.0005	0.0009	1.07E+07	0.335	4596.480	4200	0	22278	0.0019	-0.0005	0.0009	1.12E+07	0.311	1476.700	6201	0	19388	0.0017	-0.0004	0.0009	1.23E+07	0.294
1049.340	1200	0	14633	0.0015	-0.0003	0.0009	1.05E+07	0.273	1680.510	2201	0	20888	0.0019	-0.0005	0.0009	1.05E+07	0.335	4597.480	4200	0	22388	0.0019	-0.0005	0.0009	1.13E+07	0.311	1477.700	6199	0	19425	0.0017	-0.0004	0.0009	1.23E+07	0.293
1050.340	1201	0	14669	0.0016	-0.0003	0.0010	1.05E+07	0.271	1681.510	2199	0	21034	0.0020	-0.0005	0.0010	1.04E+07	0.333	4598.480	4201	0	22315	0.0019	-0.0005	0.0009	1.13E+07	0.312	1478.700	6199	0	19461	0.0017	-0.0004	0.0009	1.23E+07	0.295
1051.340	1199	0	14706	0.0016	-0.0003	0.0009	1.04E+07	0.271	1682.510	2201	0	20961	0.0020	-0.0005	0.0010	1.04E+07	0.333	4599.480	4200	0	22351	0.0019	-0.0005	0.0009	1.12E+07	0.312	1479.700	6200	0	19535	0.0017	-0.0004	0.0009	1.22E+07	0.296
1052.340	1200	0	14742	0.0016	-0.0003	0.0010	1.04E+07	0.272	1683.510	2201	0	20998	0.0019	-0.0005	0.0009	1.04E+07	0.334	4600.480	4201	0	22461	0.0019	-0.0005	0.0009	1.14E+07	0.314	1480.700	6201	0	19608	0.0017	-0.0004	0.0009	1.22E+07	0.296
1053.340	1199	0	14779	0.0016	-0.0003	0.0010	1.04E+07	0.274	1684.510	2197	0	21400	0.0019	-0.0005	0.0009	1.05E+07	0.335	4601.480	4202	0	22461	0.0019	-0.0005	0.0009	1.14E+07	0.316	1481.700	6201	0	19644	0.0017	-0.0004	0.0009	1.22E+07	0.296
1054.340	1200	0	14889	0.0016	-0.0003	0.0010	1.05E+07	0.275	1685.510	2201	0	21620	0.0020	-0.0005	0.0010	1.07E+07	0.337	4602.480	4201	0	22607	0.0019	-0.0005	0.0010	1.16E+07	0.319	1482.700	6201	0	19644	0.0017	-0.0004	0.0009	1.21E+07	0.299
1055.340	1201	0	14925	0.0016	-0.0003	0.0010	1.05E+07	0.276	1686.510	2201	0	21766	0.0020	-0.0005	0.0010	1.08E+07	0.337	4603.480	4201	0	22571	0.0019	-0.0005	0.0010	1.17E+07	0.321	1483.700	6201	0	19717	0.0017	-0.0004	0.0009	1.22E+07	0.297
1056.340	1199	0	14962	0.0016	-0.0003	0.0010	1.05E+07	0.274	1687.510	2200	0	21839	0.0020	-0.0005	0.0010	1.09E+07	0.336	4604.480	4201	0	22644	0.0019	-0.0005	0.0010	1.17E+07	0.323	1484.700	6199	0	19717	0.0017	-0.0004	0.0009	1.20E+07	0.296
1057.340	1201	0	14962	0.0016	-0.0003	0.0010	1.05E+07	0.275	1688.510	2201	0	21437	0.0020	-0.0005	0.0010	1.09E+07	0.335	4605.480	4200	0	22607	0.0019	-0.0005	0.0010	1.18E+07	0.327	1485.700	6200	0	19864	0.0017	-0.0004	0.0009	1.21E+07	0.298
1058.340	1200	0	15072	0.0016	-0.0003	0.0010	1.06E+07	0.277	1689.510	2199	0	21217	0.0020	-0.0005	0.0010	1.09E+07	0.334	4606.480	4200	0	22717	0.0019	-0.0005	0.0009	1.18E+07	0.328	1486.700	6199	0	19937	0.0017	-0.0004	0.0009	1.20E+07	0.296
1059.340	1201	0	15072	0.0016	-0.0003	0.0010	1.06E+07	0.278	1690.510	2200	0	21071	0.0020	-0.0005	0.0010	1.08E+07	0.333	4607.480	4201	0	22754	0.0019	-0.0005	0.0010	1.18E+07	0.330	1487.700	6199	0	19937	0.0017	-0.0004	0.0009	1.20E+07	0.297
1060.340	1201	0	15072	0.0016	-0.0003	0.0010	1.05E+07	0.278	1691.510	2201	0	20961	0.0020	-0.0005	0.0010	1.10E+07	0.335	4608.480	4199	0	22827	0.0020	-0.0005	0.0010	1.19E+07	0.331	1488.700	6199	0	19937	0.0017	-0.0004	0.0009	1.20E+07	0.294
1061.340	1201	0	15145	0.0016	-0.0003	0.0010	1.06E+07	0.280	1692.510	2201	0	20998	0.0020	-0.0005	0.0010	1.10E+07	0.334	4609.480	4201	0	22863	0.0020	-0.0005	0.0010	1.20E+07	0.333	1489.700	6200	0	19974	0.0017	-0.0004	0.0009	1.20E+07	0.293
1062.340	1201	0	15181	0.0016	-0.0003	0.0010	1.06E+07	0.283	1693.510	2201	0	21364	0.0020	-0.0005	0.0010	1.12E+07	0.336	4610.480	4202	0	22937	0.0020	-0.0005	0.0010	1.19E+07	0.333	1490.700	6200	0	20083	0.0017	-0.0004	0.0009	1.19E+07	0.293
1063.340	1200	0	15254	0.0016	-0.0003	0.0010	1.06E+07	0.283	1694.510	2201	0	21656	0.0020	-0.0005	0.0010	1.14E+07	0.341	4611.480	4202	0	23010	0.0020	-0.0005	0.0010	1.18E+07	0.333	1491.700	6199	0	20120	0.0017	-0.0004	0.0009	1.19E+07	0.293
1064.340	1199	0	15218	0.0016	-0.0003	0.0010	1.06E+07	0.282	1695.510	2199	0	21803	0.0020	-0.0005	0.0010	1.16E+07	0.344	4612.480	4200	0	23010	0.0020	-0.0005	0.0010	1.19E+07	0.335	1492.700	6202	0	20193	0.0017	-0.0004	0.0009	1.19E+07	0.295
1065.330	1200	0	15291	0.0016	-0.0003	0.0010	1.07E+07	0.286	1696.510	2200	0	22059	0.0020	-0.0005	0.0010	1.17E+07	0.343	4613.470	4199	0	23083	0.0020	-0.0005	0.0010	1.18E+07	0.333	1493.700	6199	0	20193	0.0017	-0.0004	0.0009	1.19E+07	0.294
1066.330	1201	0	15291	0.0016	-0.0003	0.0010	1.08E+07	0.285	1697.510	2199	0	22168	0.0020	-0.0005	0.0010	1.18E+07	0.341	4614.470	4199	0	23083	0.0020	-0.0005	0.0010	1.19E+07	0.336	1494.700	6198	0	20266	0.0017	-0.0004	0.0009	1.18E+07	0.293
1067.330	1200	0	15401	0.0016	-0.0003	0.0010	1.06E+07	0.284	1698.510	2198	0	22241	0.0020	-0.0005	0.0010	1.21E+07	0.343	4615.470	4200	0	23156	0.0020	-0.0005	0.0010	1.19E+07	0.336	1495.700	6200	0	20266	0.0017	-0.0004	0.0009	1.20E+07	0.294
1068.330	1200	0	15474	0.0016	-0.0003	0.0010	1.06E+07	0.285	1699.510	2201	0	22315	0.0020	-0.0005	0.0010	1.25E+07	0.348	4616.470	4201	0	23193	0.0020	-0.0005	0.0010	1.19E+07	0.337	1496.700	6200	0	20339	0.0017	-0.0004	0.0009	1.18E+07	0.292
1069.330	1200	0	15511	0.0016	-0.0003	0.0010	1.07E+07	0.286	1700.510	2201	0	22022	0.0021	-0.0005	0.0010	1.29E+07	0.352	4617.470	4200	0	23229	0.0020	-0.0005	0.0010	1.17E+07	0.337	1497.700	6199	0	20449	0.0017	-0.0004	0.0009	1.17E+07	0.291
1070.330	1200	0	15547	0.0016	-0.0003	0.0010	1.06E+07	0.286	1701.510	2201	0	21839	0.0020	-0.0005	0.0010	1.31E+07	0.351	4618.470	4201	0	23266	0.0020	-0.0005	0.0010	1.19E+07	0.339	1498.700	6200	0	20595	0.0018	-0.0004	0.0009	1.18E+07	0.290
1071.330	1201	0	15547	0.0016	-0.0003	0.0010	1.06E+07	0.287	1702.510	2201	0	21729	0.0020	-0.0005	0.0010	1.33E+07	0.352	4619.4																	

1118.320	1203	0	17449	0.0018	-0.0004	0.0011	1.09E+07	0.314	1749.490	2199	0	24253	0.0022	-0.0006	0.0010	1.24E+07	0.322	4666.460	4199	0	25461	0.0022	-0.0006	0.0010	1.21E+07	0.346	1546.680	6199	0	22900	0.0019	-0.0005	0.0010	1.24E+07	0.329
1119.320	1200	0	17523	0.0018	-0.0004	0.0011	1.10E+07	0.314	1750.490	2200	0	24253	0.0022	-0.0006	0.0010	1.24E+07	0.322	4667.460	4199	0	25497	0.0022	-0.0006	0.0010	1.21E+07	0.347	1547.680	6199	0	22937	0.0019	-0.0005	0.0010	1.24E+07	0.331
1120.320	1201	0	17559	0.0018	-0.0004	0.0011	1.10E+07	0.314	1751.490	2201	0	24327	0.0022	-0.0006	0.0010	1.23E+07	0.320	4668.460	4202	0	25534	0.0022	-0.0006	0.0010	1.21E+07	0.346	1548.680	6199	0	22900	0.0019	-0.0005	0.0010	1.24E+07	0.329
1121.320	1199	0	17632	0.0018	-0.0004	0.0011	1.11E+07	0.317	1752.490	2200	0	24400	0.0022	-0.0006	0.0010	1.22E+07	0.318	4669.460	4202	0	25607	0.0022	-0.0006	0.0010	1.22E+07	0.348	1549.680	6199	0	23046	0.0019	-0.0005	0.0010	1.23E+07	0.327
1122.320	1202	0	17596	0.0018	-0.0004	0.0011	1.11E+07	0.319	1753.490	2199	0	24473	0.0022	-0.0006	0.0010	1.23E+07	0.318	4670.460	4200	0	25717	0.0022	-0.0006	0.0010	1.23E+07	0.351	1550.680	6201	0	23046	0.0019	-0.0005	0.0010	1.23E+07	0.328
1123.320	1200	0	17669	0.0018	-0.0004	0.0011	1.12E+07	0.321	1754.490	2201	0	24473	0.0022	-0.0006	0.0010	1.24E+07	0.321	4671.460	4199	0	25790	0.0022	-0.0006	0.0010	1.24E+07	0.354	1551.680	6199	0	23119	0.0020	-0.0005	0.0010	1.24E+07	0.330
1124.320	1201	0	17706	0.0018	-0.0004	0.0011	1.10E+07	0.321	1755.490	2201	0	24473	0.0022	-0.0006	0.0010	1.24E+07	0.321	4672.460	4199	0	25753	0.0022	-0.0006	0.0010	1.23E+07	0.351	1552.680	6200	0	23156	0.0020	-0.0005	0.0010	1.22E+07	0.330
1125.320	1200	0	17815	0.0019	-0.0004	0.0011	1.09E+07	0.320	1756.490	2199	0	24583	0.0022	-0.0006	0.0010	1.24E+07	0.323	4673.460	4200	0	25826	0.0022	-0.0006	0.0010	1.21E+07	0.350	1553.680	6199	0	23119	0.0020	-0.0005	0.0010	1.23E+07	0.333
1126.320	1200	0	17888	0.0019	-0.0004	0.0011	1.09E+07	0.321	1757.490	2199	0	24619	0.0022	-0.0006	0.0010	1.24E+07	0.324	4674.460	4200	0	25900	0.0022	-0.0006	0.0010	1.21E+07	0.350	1554.680	6199	0	23119	0.0020	-0.0005	0.0010	1.23E+07	0.333
1127.310	1201	0	17925	0.0019	-0.0004	0.0011	1.09E+07	0.321	1758.490	2200	0	24729	0.0022	-0.0006	0.0010	1.24E+07	0.325	4675.450	4197	0	25973	0.0022	-0.0006	0.0010	1.20E+07	0.350	1555.680	6201	0	23266	0.0020	-0.0005	0.0010	1.23E+07	0.332
1128.310	1202	0	17962	0.0019	-0.0004	0.0011	1.10E+07	0.322	1759.490	2201	0	24693	0.0022	-0.0006	0.0010	1.23E+07	0.323	4676.450	4200	0	26046	0.0022	-0.0006	0.0010	1.19E+07	0.349	1556.680	6200	0	23376	0.0020	-0.0005	0.0010	1.24E+07	0.333
1129.310	1200	0	17998	0.0019	-0.0004	0.0011	1.09E+07	0.323	1760.490	2201	0	24729	0.0022	-0.0006	0.0010	1.23E+07	0.325	4677.450	4202	0	26119	0.0022	-0.0006	0.0010	1.19E+07	0.351	1557.680	6201	0	23302	0.0020	-0.0005	0.0010	1.23E+07	0.331
1130.310	1201	0	18071	0.0019	-0.0004	0.0011	1.08E+07	0.321	1761.490	2200	0	24693	0.0022	-0.0006	0.0010	1.23E+07	0.327	4678.450	4201	0	26156	0.0022	-0.0006	0.0010	1.20E+07	0.353	1558.680	6200	0	23376	0.0020	-0.0005	0.0010	1.21E+07	0.328
1131.310	1201	0	18108	0.0019	-0.0004	0.0011	1.09E+07	0.322	1762.490	2200	0	24766	0.0022	-0.0006	0.0010	1.23E+07	0.328	4679.450	4201	0	26229	0.0022	-0.0006	0.0010	1.21E+07	0.354	1559.680	6200	0	23376	0.0020	-0.0005	0.0010	1.21E+07	0.331
1132.310	1201	0	18181	0.0019	-0.0004	0.0011	1.09E+07	0.322	1763.490	2201	0	24802	0.0022	-0.0006	0.0010	1.24E+07	0.335	4680.450	4198	0	26119	0.0023	-0.0006	0.0011	1.20E+07	0.352	1560.680	6200	0	23412	0.0020	-0.0005	0.0010	1.22E+07	0.333
1133.310	1200	0	18218	0.0019	-0.0004	0.0011	1.09E+07	0.325	1764.490	2201	0	24912	0.0022	-0.0006	0.0010	1.24E+07	0.333	4681.450	4201	0	26229	0.0022	-0.0006	0.0010	1.20E+07	0.352	1561.670	6201	0	23522	0.0020	-0.0005	0.0010	1.23E+07	0.334
1134.310	1200	0	18218	0.0019	-0.0004	0.0011	1.11E+07	0.328	1765.480	2199	0	24912	0.0022	-0.0006	0.0010	1.24E+07	0.334	4682.450	4200	0	26339	0.0022	-0.0006	0.0010	1.19E+07	0.349	1562.670	6201	0	23522	0.0020	-0.0005	0.0010	1.24E+07	0.336
1135.310	1202	0	18291	0.0019	-0.0004	0.0011	1.11E+07	0.327	1766.480	2201	0	24985	0.0023	-0.0006	0.0010	1.25E+07	0.338	4683.450	4201	0	26302	0.0023	-0.0006	0.0011	1.18E+07	0.347	1563.670	6201	0	23632	0.0020	-0.0005	0.0010	1.23E+07	0.332
1136.310	1201	0	18327	0.0019	-0.0004	0.0011	1.11E+07	0.328	1767.480	2200	0	25058	0.0023	-0.0006	0.0010	1.25E+07	0.340	4684.450	4201	0	26302	0.0023	-0.0006	0.0010	1.18E+07	0.347	1564.670	6199	0	23705	0.0020	-0.0005	0.0010	1.22E+07	0.331
1137.310	1201	0	18364	0.0019	-0.0004	0.0011	1.12E+07	0.328	1768.480	2201	0	25058	0.0022	-0.0006	0.0010	1.26E+07	0.343	4685.450	4201	0	26412	0.0023	-0.0006	0.0011	1.18E+07	0.347	1565.670	6199	0	23705	0.0020	-0.0005	0.0010	1.23E+07	0.332
1138.310	1200	0	18400	0.0019	-0.0004	0.0011	1.11E+07	0.329	1769.480	2199	0	25168	0.0022	-0.0006	0.0010	1.27E+07	0.344	4686.450	4199	0	26448	0.0023	-0.0006	0.0010	1.18E+07	0.345	1566.670	6199	0	23705	0.0020	-0.0005	0.0010	1.25E+07	0.336
1139.310	1200	0	18510	0.0019	-0.0004	0.0011	1.12E+07	0.331	1770.480	2199	0	25241	0.0022	-0.0006	0.0010	1.24E+07	0.342	4687.450	4200	0	26521	0.0023	-0.0006	0.0010	1.17E+07	0.344	1567.670	6201	0	23815	0.0020	-0.0005	0.0010	1.26E+07	0.332
1140.310	1201	0	18437	0.0019	-0.0004	0.0011	1.11E+07	0.328	1771.480	2199	0	25205	0.0023	-0.0006	0.0010	1.25E+07	0.344	4688.450	4201	0	26521	0.0023	-0.0006	0.0011	1.17E+07	0.345	1568.670	6201	0	23888	0.0020	-0.0005	0.0010	1.26E+07	0.335
1141.310	1200	0	18510	0.0019	-0.0004	0.0011	1.11E+07	0.330	1772.480	2202	0	25241	0.0023	-0.0006	0.0010	1.25E+07	0.349	4689.450	4200	0	26558	0.0023	-0.0006	0.0011	1.18E+07	0.347	1569.670	6199	0	23888	0.0020	-0.0005	0.0010	1.26E+07	0.334
1142.310	1200	0	18620	0.0019	-0.0004	0.0011	1.10E+07	0.330	1773.480	2201	0	25278	0.0023	-0.0006	0.0010	1.26E+07	0.354	4690.450	4200	0	26631	0.0023	-0.0006	0.0011	1.17E+07	0.347	1570.670	6199	0	23924	0.0020	-0.0005	0.0010	1.23E+07	0.329
1143.310	1201	0	18583	0.0019	-0.0004	0.0011	1.09E+07	0.332	1774.480	2200	0	25351	0.0023	-0.0006	0.0010	1.26E+07	0.355	4691.450	4199	0	26668	0.0023	-0.0006	0.0011	1.18E+07	0.348	1571.670	6201	0	23961	0.0020	-0.0005	0.0010	1.25E+07	0.331
1144.310	1201	0	18693	0.0019	-0.0004	0.0011	1.09E+07	0.334	1775.480	2201	0	25351	0.0023	-0.0006	0.0010	1.26E+07	0.358	4692.450	4198	0	26778	0.0023	-0.0006	0.0011	1.17E+07	0.347	1572.670	6200	0	24034	0.0020	-0.0005	0.0010	1.25E+07	0.328
1145.310	1200	0	18693	0.0019	-0.0004	0.0011	1.10E+07	0.335	1776.480	2201	0	25424	0.0023	-0.0006	0.0010	1.25E+07	0.356	4693.450	4198	0	26814	0.0023	-0.0006	0.0011	1.17E+07	0.348	1573.670	6199	0	24071	0.0020	-0.0005	0.0010	1.25E+07	0.325
1146.310	1201	0	18766	0.0019	-0.0004	0.0011	1.09E+07	0.333	1777.480	2199	0	25424	0.0023	-0.0006	0.0011	1.25E+07	0.359	4694.450	4198	0	26887	0.0023	-0.0006	0.0011	1.16E+07	0.349	1574.670	6201	0	24071	0.0020	-0.0005	0.0010	1.24E+07	0.325
1147.310	1200	0	18766	0.0019	-0.0004	0.0011	1.08E+07	0.333	1778.480	2199	0	25534	0.0023	-0.0006	0.0011	1.25E+07	0.365	4695.450	4201	0	26924	0.0023	-0.0006	0.0011	1.15E+07	0.348	1575.670	6200	0	24107	0.0020	-0.0005	0.0010	1.26E+07	0.325
1148.310	1201	0	18803	0.0019	-0.0004	0.0011	1.08E+07	0.335	1779.480	2201	0	25570	0.0023	-0.0006	0.0011	1.26E+07	0.367	4696.450	4201	0	26997	0.0023	-0.0006	0.0011	1.16E+07	0.350	1576.670	6199	0	24217	0.0020	-0.0005	0.0010	1.25E+07	0.327
1149.310	1200	0	18876	0.0020	-0.0004	0.0011	1.08E+07	0.333	1780.480	2203	0	25607	0.0023	-0.0006	0.0010	1.27E+07	0.368	4697.450	4200	0	26924	0.0023	-0.0006	0.0011	1.16E+07	0.350	1577.670	6200	0	24217	0.0021	-0.0005	0.0010	1.26E+07	0.328
1150.310	1200	0	18840	0.0020	-0.0004	0.0011	1.07E+07	0.332	1781.480	2200	0	25644	0.0023	-0.0006	0.0010	1.27E+07	0.369	4698.4																	

1197.290	1202	0	20925	0.0021	-0.0005	0.0012	1.00E+07	0.368	1828.460	2201	0	27765	0.0025	-0.0007	0.0011	1.19E+07	0.374	4745.430	4201	0	29046	0.0025	-0.0007	0.0011	1.15E+07	0.341	1625.650	6199	0	26522	0.0022	-0.0006	0.0011	1.24E+07	0.342
1198.290	1203	0	20961	0.0021	-0.0005	0.0012	1.00E+07	0.370	1829.460	2199	0	27838	0.0025	-0.0007	0.0011	1.19E+07	0.379	4746.430	4201	0	29046	0.0025	-0.0007	0.0011	1.15E+07	0.341	1626.650	6200	0	26631	0.0022	-0.0006	0.0011	1.24E+07	0.342
1199.290	1199	0	20961	0.0022	-0.0005	0.0012	1.01E+07	0.374	1830.460	2201	0	27875	0.0025	-0.0007	0.0011	1.20E+07	0.384	4747.430	4200	0	29082	0.0025	-0.0007	0.0011	1.16E+07	0.342	1627.650	6200	0	26631	0.0022	-0.0006	0.0011	1.24E+07	0.343
1200.290	1202	0	20961	0.0022	-0.0005	0.0012	1.02E+07	0.377	1831.460	2201	0	27875	0.0025	-0.0007	0.0011	1.21E+07	0.389	4748.430	4199	0	29155	0.0025	-0.0007	0.0011	1.15E+07	0.340	1628.650	6201	0	26595	0.0022	-0.0006	0.0011	1.26E+07	0.342
1201.290	1200	0	21108	0.0021	-0.0005	0.0012	1.01E+07	0.374	1832.460	2201	0	27912	0.0025	-0.0007	0.0011	1.20E+07	0.392	4749.430	4199	0	29229	0.0025	-0.0007	0.0011	1.16E+07	0.341	1629.650	6201	0	26704	0.0022	-0.0006	0.0011	1.26E+07	0.343
1202.290	1203	0	20998	0.0022	-0.0005	0.0012	9.98E+06	0.369	1833.460	2201	0	27985	0.0025	-0.0007	0.0011	1.20E+07	0.393	4750.430	4200	0	29229	0.0025	-0.0007	0.0011	1.16E+07	0.344	1630.650	6199	0	26741	0.0022	-0.0006	0.0011	1.25E+07	0.341
1203.290	1201	0	21108	0.0022	-0.0005	0.0012	9.99E+06	0.370	1834.460	2200	0	27985	0.0025	-0.0007	0.0011	1.20E+07	0.396	4751.430	4200	0	29302	0.0025	-0.0007	0.0011	1.17E+07	0.345	1631.650	6199	0	26851	0.0023	-0.0006	0.0011	1.24E+07	0.342
1204.290	1199	0	21181	0.0022	-0.0005	0.0012	1.00E+07	0.369	1835.460	2200	0	27985	0.0025	-0.0007	0.0011	1.20E+07	0.397	4752.430	4199	0	29338	0.0025	-0.0007	0.0011	1.17E+07	0.345	1632.650	6198	0	26814	0.0022	-0.0006	0.0011	1.25E+07	0.343
1205.290	1202	0	21254	0.0022	-0.0005	0.0012	1.00E+07	0.368	1836.460	2200	0	28058	0.0025	-0.0007	0.0011	1.19E+07	0.397	4753.430	4199	0	29411	0.0025	-0.0007	0.0011	1.17E+07	0.345	1633.650	6200	0	26887	0.0023	-0.0006	0.0011	1.25E+07	0.343
1206.290	1201	0	21290	0.0022	-0.0005	0.0012	1.01E+07	0.369	1837.460	2199	0	28204	0.0025	-0.0007	0.0011	1.18E+07	0.398	4754.430	4201	0	29448	0.0025	-0.0007	0.0011	1.18E+07	0.349	1634.650	6199	0	26887	0.0023	-0.0006	0.0011	1.25E+07	0.345
1207.290	1200	0	21290	0.0022	-0.0005	0.0012	1.01E+07	0.367	1838.460	2198	0	28131	0.0025	-0.0007	0.0011	1.17E+07	0.398	4755.430	4199	0	29448	0.0025	-0.0007	0.0011	1.18E+07	0.350	1635.650	6199	0	26997	0.0023	-0.0006	0.0011	1.25E+07	0.345
1208.290	1201	0	21290	0.0022	-0.0005	0.0012	1.00E+07	0.368	1839.460	2201	0	28131	0.0025	-0.0007	0.0011	1.16E+07	0.400	4756.430	4199	0	29521	0.0025	-0.0007	0.0011	1.18E+07	0.350	1636.650	6201	0	26997	0.0023	-0.0006	0.0011	1.23E+07	0.341
1209.290	1201	0	21327	0.0022	-0.0005	0.0012	1.01E+07	0.369	1840.460	2199	0	28241	0.0025	-0.0007	0.0011	1.16E+07	0.401	4757.430	4199	0	29594	0.0025	-0.0007	0.0011	1.18E+07	0.351	1637.650	6199	0	27034	0.0023	-0.0006	0.0011	1.24E+07	0.344
1210.290	1199	0	21400	0.0022	-0.0005	0.0012	1.00E+07	0.368	1841.460	2201	0	28314	0.0025	-0.0007	0.0011	1.17E+07	0.404	4758.430	4200	0	29594	0.0025	-0.0007	0.0011	1.19E+07	0.353	1638.650	6199	0	27034	0.0023	-0.0006	0.0011	1.25E+07	0.347
1211.290	1201	0	21437	0.0022	-0.0005	0.0012	1.00E+07	0.366	1842.460	2200	0	28351	0.0025	-0.0007	0.0011	1.16E+07	0.404	4759.430	4200	0	29704	0.0025	-0.0007	0.0011	1.19E+07	0.356	1639.650	6200	0	27180	0.0023	-0.0006	0.0011	1.24E+07	0.347
1212.290	1199	0	21473	0.0022	-0.0005	0.0012	1.01E+07	0.367	1843.460	2201	0	28351	0.0025	-0.0007	0.0011	1.17E+07	0.408	4760.430	4200	0	29668	0.0025	-0.0007	0.0011	1.19E+07	0.356	1640.650	6202	0	27290	0.0023	-0.0006	0.0011	1.25E+07	0.348
1213.290	1200	0	21437	0.0022	-0.0005	0.0012	1.01E+07	0.367	1844.460	2200	0	28424	0.0025	-0.0007	0.0011	1.17E+07	0.413	4761.430	4200	0	29741	0.0025	-0.0007	0.0011	1.19E+07	0.357	1641.650	6199	0	27326	0.0023	-0.0006	0.0011	1.25E+07	0.350
1214.290	1201	0	21547	0.0022	-0.0005	0.0012	1.01E+07	0.368	1845.460	2202	0	28424	0.0025	-0.0007	0.0011	1.17E+07	0.415	4762.430	4201	0	29814	0.0025	-0.0007	0.0011	1.19E+07	0.360	1642.650	6200	0	27436	0.0023	-0.0006	0.0011	1.24E+07	0.350
1215.290	1201	0	21583	0.0022	-0.0005	0.0012	1.01E+07	0.371	1846.460	2201	0	28534	0.0025	-0.0007	0.0011	1.17E+07	0.416	4763.430	4200	0	29777	0.0025	-0.0007	0.0011	1.19E+07	0.361	1643.650	6202	0	27473	0.0023	-0.0006	0.0011	1.24E+07	0.350
1216.290	1200	0	21620	0.0022	-0.0005	0.0012	1.02E+07	0.371	1847.460	2201	0	28607	0.0025	-0.0007	0.0011	1.17E+07	0.420	4764.430	4198	0	29887	0.0025	-0.0007	0.0011	1.19E+07	0.362	1644.650	6200	0	27473	0.0023	-0.0006	0.0011	1.25E+07	0.353
1217.290	1201	0	21656	0.0022	-0.0005	0.0012	1.02E+07	0.370	1848.460	2201	0	28570	0.0025	-0.0007	0.0011	1.16E+07	0.419	4765.430	4200	0	29960	0.0026	-0.0007	0.0011	1.20E+07	0.365	1645.650	6199	0	27546	0.0023	-0.0006	0.0011	1.26E+07	0.353
1218.290	1200	0	21729	0.0022	-0.0005	0.0012	1.03E+07	0.373	1849.460	2201	0	28607	0.0025	-0.0007	0.0011	1.15E+07	0.412	4766.430	4201	0	30070	0.0026	-0.0007	0.0011	1.20E+07	0.366	1646.650	6202	0	27619	0.0023	-0.0006	0.0011	1.25E+07	0.353
1219.290	1200	0	21766	0.0022	-0.0005	0.0012	1.03E+07	0.376	1850.460	2201	0	28680	0.0025	-0.0007	0.0011	1.16E+07	0.409	4767.430	4200	0	30070	0.0026	-0.0007	0.0011	1.20E+07	0.368	1647.650	6200	0	27656	0.0023	-0.0006	0.0011	1.26E+07	0.353
1220.290	1201	0	21803	0.0022	-0.0005	0.0012	1.03E+07	0.376	1851.460	2201	0	28680	0.0025	-0.0007	0.0011	1.15E+07	0.406	4768.420	4201	0	30289	0.0026	-0.0007	0.0011	1.21E+07	0.370	1648.650	6201	0	27729	0.0023	-0.0006	0.0011	1.25E+07	0.353
1221.280	1201	0	21839	0.0022	-0.0005	0.0012	1.03E+07	0.376	1852.460	2201	0	28790	0.0026	-0.0007	0.0011	1.16E+07	0.410	4769.420	4201	0	30399	0.0026	-0.0007	0.0012	1.21E+07	0.371	1649.650	6201	0	27802	0.0023	-0.0006	0.0011	1.26E+07	0.354
1222.280	1201	0	21985	0.0022	-0.0005	0.0012	1.03E+07	0.376	1853.460	2202	0	28863	0.0025	-0.0007	0.0011	1.17E+07	0.412	4770.420	4202	0	30509	0.0026	-0.0007	0.0012	1.21E+07	0.371	1650.650	6200	0	27875	0.0023	-0.0006	0.0011	1.27E+07	0.354
1223.280	1202	0	21949	0.0022	-0.0005	0.0012	1.04E+07	0.377	1854.460	2201	0	28936	0.0025	-0.0007	0.0011	1.16E+07	0.411	4771.420	4202	0	30728	0.0026	-0.0007	0.0012	1.20E+07	0.372	1651.650	6199	0	27912	0.0023	-0.0006	0.0011	1.26E+07	0.353
1224.280	1201	0	22059	0.0022	-0.0005	0.0012	1.05E+07	0.378	1855.460	2198	0	28863	0.0026	-0.0007	0.0011	1.12E+07	0.410	4772.420	4200	0	30838	0.0026	-0.0007	0.0012	1.20E+07	0.373	1652.650	6199	0	28021	0.0023	-0.0006	0.0011	1.27E+07	0.354
1225.280	1200	0	22059	0.0022	-0.0005	0.0012	1.05E+07	0.381	1856.460	2200	0	28936	0.0026	-0.0007	0.0011	1.07E+07	0.412	4773.420	4201	0	30948	0.0026	-0.0007	0.0012	1.20E+07	0.374	1653.650	6199	0	28058	0.0023	-0.0006	0.0011	1.27E+07	0.355
1226.280	1202	0	22132	0.0023	-0.0005	0.0012	1.05E+07	0.382	1857.460	2201	0	28936	0.0026	-0.0007	0.0011	1.01E+07	0.413	4774.420	4200	0	31131	0.0027	-0.0007	0.0012	1.20E+07	0.376	1654.650	6199	0	28095	0.0024	-0.0006	0.0011	1.26E+07	0.354
1227.280	1200	0	22168	0.0023	-0.0005	0.0012	1.06E+07	0.384	1858.460	2199	0	29082	0.0026	-0.0007	0.0011	9.73E+06	0.415	4775.420	4199	0	31167	0.0027	-0.0007	0.0012	1.21E+07	0.377	1655.640	6200	0	28131	0.0024	-0.0006	0.0011	1.26E+07	0.354
1228.280	1203	0	22168	0.0023	-0.0005	0.0012	1.05E+07	0.383	1859.450	2201	0	29046	0.0025	-0.0007	0.0011	9.61E+06	0.417	4776.420	4199	0	31350	0.0027	-0.0007	0.0012	1.20E+07	0.377	1656.640	6200	0	28241	0.0024	-0.0006	0.0011	1.26E+07	0.351
1229.280	1200	0	22242	0.0023	-0.0005	0.0012	1.06E+07	0.384	1860.450	2202	0	29119	0.0026	-0.0007	0.0011	9.61E+06	0.419	4777.4																	

1276.270	1199	0	24254	0.0025	-0.0006	0.0012	9.68E+06	0.450	1907.440	2199	0	31497	0.0028	-0.0008	0.0011	1.17E+07	0.551	4824.410	4200	0	33472	0.0029	-0.0008	0.0012	9.81E+06	0.353	1704.630	6199	0	30363	0.0025	-0.0007	0.0012	1.27E+07	0.368
1277.270	1201	0	24290	0.0025	-0.0006	0.0012	9.69E+06	0.453	1908.440	2201	0	31533	0.0028	-0.0008	0.0011	1.10E+07	0.547	4825.410	4200	0	33655	0.0029	-0.0008	0.0012	9.95E+06	0.353	1705.630	6199	0	30436	0.0025	-0.0007	0.0012	1.28E+07	0.370
1278.270	1201	0	24290	0.0025	-0.0006	0.0012	9.64E+06	0.452	1909.440	2201	0	31533	0.0028	-0.0008	0.0011	1.02E+07	0.548	4826.410	4201	0	33655	0.0029	-0.0008	0.0012	1.00E+07	0.355	1706.630	6200	0	30399	0.0025	-0.0007	0.0012	1.28E+07	0.371
1279.270	1200	0	24327	0.0025	-0.0006	0.0012	9.51E+06	0.451	1910.440	2201	0	31606	0.0028	-0.0008	0.0011	9.69E+06	0.548	4827.410	4200	0	33692	0.0029	-0.0008	0.0012	1.00E+07	0.355	1707.630	6200	0	30472	0.0025	-0.0007	0.0012	1.28E+07	0.370
1280.270	1200	0	24400	0.0025	-0.0006	0.0012	9.51E+06	0.452	1911.440	2200	0	31570	0.0028	-0.0008	0.0011	9.42E+06	0.549	4828.410	4199	0	33692	0.0029	-0.0008	0.0012	1.01E+07	0.360	1708.630	6199	0	30546	0.0025	-0.0007	0.0012	1.28E+07	0.375
1281.270	1200	0	24400	0.0025	-0.0006	0.0012	9.56E+06	0.457	1912.440	2201	0	31643	0.0028	-0.0008	0.0011	9.15E+06	0.545	4829.410	4200	0	33692	0.0029	-0.0008	0.0012	1.02E+07	0.362	1709.630	6200	0	30582	0.0026	-0.0007	0.0012	1.26E+07	0.372
1282.270	1201	0	24437	0.0025	-0.0006	0.0012	9.51E+06	0.458	1913.440	2202	0	31716	0.0028	-0.0008	0.0011	9.06E+06	0.543	4830.410	4202	0	33801	0.0029	-0.0008	0.0012	1.02E+07	0.360	1710.630	6200	0	30619	0.0025	-0.0007	0.0012	1.26E+07	0.373
1283.270	1200	0	24473	0.0025	-0.0006	0.0012	9.39E+06	0.458	1914.440	2199	0	31716	0.0028	-0.0008	0.0011	8.97E+06	0.540	4831.400	4200	0	33801	0.0029	-0.0008	0.0012	1.03E+07	0.361	1711.630	6201	0	30619	0.0025	-0.0007	0.0012	1.26E+07	0.373
1284.260	1201	0	24510	0.0025	-0.0006	0.0012	9.40E+06	0.462	1915.440	2201	0	31716	0.0028	-0.0009	0.0011	9.17E+06	0.549	4832.400	4201	0	33765	0.0029	-0.0008	0.0012	1.02E+07	0.360	1712.630	6200	0	30728	0.0025	-0.0007	0.0012	1.27E+07	0.375
1285.260	1199	0	24546	0.0025	-0.0006	0.0012	9.44E+06	0.469	1916.440	2200	0	31789	0.0028	-0.0009	0.0011	9.29E+06	0.550	4833.400	4199	0	33801	0.0029	-0.0008	0.0012	1.02E+07	0.360	1713.630	6200	0	30802	0.0026	-0.0007	0.0012	1.28E+07	0.375
1286.260	1199	0	24583	0.0025	-0.0006	0.0012	9.45E+06	0.470	1917.440	2199	0	31826	0.0028	-0.0009	0.0011	9.28E+06	0.548	4834.400	4201	0	33838	0.0029	-0.0008	0.0012	1.02E+07	0.362	1714.630	6198	0	30765	0.0026	-0.0007	0.0012	1.28E+07	0.375
1287.260	1201	0	24656	0.0025	-0.0006	0.0012	9.38E+06	0.469	1918.440	2199	0	31899	0.0028	-0.0009	0.0011	9.24E+06	0.546	4835.400	4201	0	33801	0.0029	-0.0008	0.0012	1.04E+07	0.363	1715.630	6200	0	30838	0.0026	-0.0007	0.0012	1.29E+07	0.379
1288.260	1202	0	24693	0.0025	-0.0006	0.0012	9.27E+06	0.469	1919.440	2200	0	31899	0.0028	-0.0009	0.0011	9.15E+06	0.543	4836.400	4200	0	33838	0.0029	-0.0008	0.0012	1.05E+07	0.363	1716.630	6199	0	30911	0.0026	-0.0007	0.0012	1.28E+07	0.377
1289.260	1201	0	24729	0.0025	-0.0006	0.0012	9.24E+06	0.470	1920.440	2200	0	31936	0.0028	-0.0009	0.0011	9.08E+06	0.537	4837.400	4200	0	33948	0.0029	-0.0008	0.0012	1.05E+07	0.362	1717.620	6199	0	30911	0.0026	-0.0007	0.0012	1.27E+07	0.376
1290.260	1200	0	24766	0.0025	-0.0006	0.0012	9.27E+06	0.474	1921.440	2201	0	31936	0.0028	-0.0009	0.0011	9.05E+06	0.539	4838.400	4200	0	33984	0.0029	-0.0008	0.0012	1.04E+07	0.361	1718.620	6199	0	30948	0.0026	-0.0007	0.0012	1.27E+07	0.380
1291.260	1202	0	24839	0.0025	-0.0006	0.0012	9.33E+06	0.477	1922.430	2200	0	32009	0.0028	-0.0009	0.0011	9.40E+06	0.552	4839.400	4198	0	33948	0.0029	-0.0008	0.0012	1.04E+07	0.364	1719.620	6199	0	31058	0.0026	-0.0007	0.0012	1.29E+07	0.380
1292.260	1200	0	24875	0.0025	-0.0006	0.0012	9.34E+06	0.479	1923.430	2200	0	32045	0.0028	-0.0009	0.0011	9.22E+06	0.542	4840.400	4200	0	34057	0.0029	-0.0008	0.0012	1.05E+07	0.366	1720.620	6201	0	31058	0.0026	-0.0007	0.0012	1.28E+07	0.380
1293.260	1200	0	24912	0.0025	-0.0007	0.0012	9.36E+06	0.480	1924.430	2197	0	32082	0.0028	-0.0009	0.0011	9.12E+06	0.536	4841.400	4199	0	34057	0.0029	-0.0008	0.0012	1.04E+07	0.364	1721.620	6199	0	31058	0.0026	-0.0007	0.0012	1.26E+07	0.378
1294.260	1201	0	24985	0.0025	-0.0007	0.0012	9.30E+06	0.481	1925.430	2200	0	32082	0.0028	-0.0009	0.0011	9.15E+06	0.538	4842.400	4201	0	34094	0.0029	-0.0008	0.0012	1.03E+07	0.362	1722.620	6199	0	31131	0.0026	-0.0007	0.0012	1.28E+07	0.380
1295.260	1199	0	24912	0.0025	-0.0007	0.0012	9.24E+06	0.482	1926.430	2201	0	32155	0.0028	-0.0009	0.0011	9.11E+06	0.540	4843.400	4200	0	34130	0.0029	-0.0008	0.0012	1.04E+07	0.363	1723.620	6197	0	31131	0.0026	-0.0007	0.0012	1.29E+07	0.379
1296.260	1199	0	24985	0.0025	-0.0007	0.0012	9.27E+06	0.485	1927.430	2200	0	32192	0.0029	-0.0009	0.0011	8.99E+06	0.537	4844.400	4199	0	34094	0.0029	-0.0008	0.0012	1.04E+07	0.363	1724.620	6199	0	31241	0.0026	-0.0007	0.0012	1.28E+07	0.382
1297.260	1200	0	25022	0.0025	-0.0007	0.0012	9.33E+06	0.490	1928.430	2200	0	32192	0.0029	-0.0009	0.0011	8.98E+06	0.536	4845.400	4200	0	34167	0.0029	-0.0008	0.0012	1.04E+07	0.364	1725.620	6200	0	31277	0.0026	-0.0007	0.0012	1.29E+07	0.381
1298.260	1202	0	25022	0.0025	-0.0007	0.0012	9.38E+06	0.494	1928.680	2201	0	32192	0.0029	-0.0009	0.0011	9.07E+06	0.539	4846.400	4199	0	34204	0.0029	-0.0008	0.0012	1.03E+07	0.364	1726.620	6200	0	31277	0.0026	-0.0007	0.0012	1.28E+07	0.378
1299.260	1201	0	25058	0.0026	-0.0007	0.0012	9.44E+06	0.496	1929.680	2202	0	32192	0.0029	-0.0009	0.0011	9.00E+06	0.531	4847.400	4201	0	34204	0.0029	-0.0009	0.0012	1.03E+07	0.364	1727.620	6201	0	31314	0.0026	-0.0007	0.0012	1.27E+07	0.379
1300.260	1199	0	25131	0.0026	-0.0007	0.0012	9.40E+06	0.494									4848.400	4200	0	34350	0.0029	-0.0009	0.0012	1.03E+07	0.363	1728.620	6199	0	31387	0.0026	-0.0007	0.0012	1.29E+07	0.381	
1301.260	1201	0	25205	0.0026	-0.0007	0.0012	9.45E+06	0.500									4849.400	4199	0	34313	0.0029	-0.0009	0.0012	1.02E+07	0.363	1729.620	6200	0	31460	0.0026	-0.0007	0.0012	1.28E+07	0.379	
1302.260	1201	0	25205	0.0026	-0.0007	0.0012	9.49E+06	0.501									4850.400	4202	0	34460	0.0029	-0.0009	0.0012	1.01E+07	0.365	1730.620	6200	0	31497	0.0026	-0.0007	0.0012	1.27E+07	0.377	
1303.260	1199	0	25205	0.0026	-0.0007	0.0012	9.54E+06	0.504									4851.400	4201	0	34386	0.0029	-0.0009	0.0012	1.01E+07	0.366	1731.620	6199	0	31497	0.0026	-0.0007	0.0012	1.28E+07	0.379	
1304.260	1199	0	25205	0.0026	-0.0007	0.0012	9.37E+06	0.500									4852.400	4199	0	34423	0.0029	-0.0009	0.0012	1.02E+07	0.364	1732.620	6201	0	31570	0.0026	-0.0007	0.0012	1.27E+07	0.376	
1305.260	1199	0	25278	0.0026	-0.0007	0.0012	9.32E+06	0.498									4853.400	4199	0	34386	0.0029	-0.0009	0.0012	1.03E+07	0.364	1733.620	6200	0	31606	0.0026	-0.0007	0.0012	1.26E+07	0.374	
1306.260	1201	0	25351	0.0026	-0.0007	0.0012	9.30E+06	0.497									4854.400	4200	0	34423	0.0029	-0.0009	0.0012	1.03E+07	0.365	1734.620	6201	0	31643	0.0027	-0.0007	0.0012	1.27E+07	0.374	
1307.260	1200	0	25351	0.0026	-0.0007	0.0012	9.32E+06	0.503									4855.400	4201	0	34533	0.0030	-0.0009	0.0012	1.03E+07	0.365	1735.620	6199	0	31716	0.0026	-0.0007	0.0012	1.27E+07	0.373	
1308.260	1201	0	25351	0.0026	-0.0007	0.0012	9.27E+06	0.503									4856.400	4202	0	34533	0.0030	-0.0009	0.0012	1.04E+07	0.365	1736.620	6201	0	31753	0.0026	-0.0007	0.0012	1.28E+07	0.376	
1309.260	1200	0	25424	0.0026	-0.0007	0.0012	9.21E+06	0.502									4857.400	4201	0	34569	0.0030	-0.0009	0.0012	1.03E+07	0.365	1737.620	6203	0	31862	0.0026	-0.0007	0.0012	1.29E+07	0.380	
1310.260	1199	0	25461	0.0026	-0.000																														

4903.380	4200	0	36106	0.0031	-0.0009	0.0013	9.74E+06	0.380	1783.600	6199	0	34094	0.0028	-0.0008	0.0012	1.18E+07	0.375
4904.380	4200	0	36142	0.0031	-0.0009	0.0013	9.78E+06	0.380	1784.600	6199	0	34167	0.0028	-0.0008	0.0012	1.18E+07	0.375
4905.380	4199	0	36179	0.0031	-0.0009	0.0013	9.82E+06	0.383	1785.600	6201	0	34277	0.0028	-0.0008	0.0012	1.19E+07	0.377
4906.380	4200	0	36179	0.0031	-0.0009	0.0013	9.85E+06	0.383	1786.600	6197	0	34277	0.0028	-0.0008	0.0012	1.19E+07	0.378
4907.380	4199	0	36289	0.0031	-0.0009	0.0013	9.84E+06	0.383	1787.600	6199	0	34313	0.0028	-0.0008	0.0012	1.20E+07	0.380
4908.380	4202	0	36216	0.0031	-0.0009	0.0013	9.80E+06	0.384	1788.600	6199	0	34350	0.0029	-0.0008	0.0012	1.20E+07	0.381
4909.380	4201	0	36289	0.0031	-0.0009	0.0013	9.82E+06	0.385	1789.600	6199	0	34423	0.0029	-0.0008	0.0012	1.21E+07	0.383
4910.380	4201	0	36362	0.0031	-0.0009	0.0013	9.88E+06	0.387	1790.600	6202	0	34460	0.0029	-0.0008	0.0012	1.21E+07	0.383
4911.380	4200	0	36398	0.0031	-0.0009	0.0013	9.92E+06	0.390	1791.600	6200	0	34496	0.0028	-0.0008	0.0012	1.22E+07	0.386
4912.380	4198	0	36362	0.0031	-0.0009	0.0013	9.86E+06	0.391	1792.600	6199	0	34533	0.0028	-0.0008	0.0012	1.22E+07	0.385
4913.380	4200	0	36472	0.0031	-0.0009	0.0013	9.82E+06	0.390	1793.600	6199	0	34643	0.0029	-0.0008	0.0013	1.22E+07	0.387
4914.380	4199	0	36398	0.0032	-0.0009	0.0013	9.81E+06	0.390	1794.600	6199	0	34643	0.0029	-0.0008	0.0012	1.23E+07	0.389
4915.380	4199	0	36472	0.0032	-0.0009	0.0013	9.85E+06	0.392	1795.600	6202	0	34643	0.0029	-0.0008	0.0012	1.23E+07	0.390
4916.380	4201	0	36508	0.0032	-0.0009	0.0013	9.87E+06	0.392	1796.600	6199	0	34679	0.0029	-0.0008	0.0012	1.24E+07	0.390
4917.380	4200	0	36508	0.0032	-0.0009	0.0013	9.87E+06	0.396	1797.600	6201	0	34752	0.0029	-0.0008	0.0012	1.24E+07	0.391
4918.380	4202	0	36618	0.0032	-0.0009	0.0013	9.96E+06	0.398	1798.600	6202	0	34826	0.0029	-0.0008	0.0012	1.25E+07	0.394
4919.380	4200	0	36655	0.0032	-0.0009	0.0013	9.98E+06	0.399	1799.600	6197	0	34826	0.0029	-0.0008	0.0012	1.25E+07	0.395
4920.380	4201	0	36618	0.0032	-0.0009	0.0013	9.98E+06	0.398	1800.600	6201	0	34862	0.0029	-0.0008	0.0013	1.25E+07	0.395
4921.380	4200	0	36728	0.0032	-0.0009	0.0013	1.00E+07	0.399	1801.600	6200	0	34862	0.0029	-0.0008	0.0013	1.25E+07	0.396
4922.380	4200	0	36801	0.0032	-0.0009	0.0013	9.99E+06	0.399	1802.600	6199	0	34972	0.0029	-0.0008	0.0013	1.25E+07	0.395
4923.380	4199	0	36764	0.0032	-0.0009	0.0013	9.96E+06	0.401	1803.600	6201	0	34972	0.0029	-0.0008	0.0012	1.26E+07	0.395
4924.380	4198	0	36837	0.0032	-0.0009	0.0013	9.97E+06	0.402	1804.600	6199	0	35082	0.0029	-0.0008	0.0012	1.26E+07	0.394
4925.370	4201	0	36837	0.0032	-0.0009	0.0013	9.84E+06	0.402	1805.600	6199	0	35155	0.0029	-0.0008	0.0013	1.25E+07	0.393
4926.370	4199	0	36874	0.0032	-0.0010	0.0013	9.88E+06	0.407	1806.600	6199	0	35301	0.0029	-0.0008	0.0013	1.25E+07	0.394
4927.370	4200	0	36874	0.0032	-0.0010	0.0013	9.95E+06	0.409	1807.600	6201	0	35411	0.0029	-0.0008	0.0013	1.25E+07	0.394
4928.370	4201	0	36947	0.0032	-0.0010	0.0013	9.84E+06	0.409	1808.600	6199	0	35557	0.0029	-0.0008	0.0013	1.25E+07	0.394
4929.370	4201	0	36984	0.0032	-0.0010	0.0013	9.85E+06	0.413	1809.600	6199	0	35667	0.0029	-0.0008	0.0013	1.25E+07	0.394
4930.370	4199	0	37020	0.0032	-0.0010	0.0013	9.95E+06	0.416	1810.600	6199	0	35813	0.0029	-0.0008	0.0013	1.24E+07	0.393
4931.370	4200	0	37057	0.0032	-0.0010	0.0013	1.00E+07	0.420	1811.590	6199	0	35923	0.0030	-0.0009	0.0013	1.24E+07	0.393
4932.370	4201	0	37093	0.0032	-0.0010	0.0013	1.00E+07	0.418	1812.590	6198	0	35996	0.0030	-0.0009	0.0013	1.24E+07	0.394
4933.370	4199	0	37057	0.0032	-0.0010	0.0013	1.02E+07	0.422	1813.590	6201	0	36106	0.0030	-0.0009	0.0013	1.25E+07	0.397
4934.370	4200	0	37130	0.0032	-0.0010	0.0013	1.01E+07	0.418	1814.590	6200	0	36216	0.0030	-0.0009	0.0013	1.25E+07	0.398
4935.370	4200	0	37240	0.0032	-0.0010	0.0013	9.99E+06	0.416	1815.590	6199	0	36289	0.0030	-0.0009	0.0013	1.25E+07	0.397
4936.370	4199	0	37203	0.0032	-0.0010	0.0013	1.00E+07	0.416	1816.590	6201	0	36325	0.0030	-0.0009	0.0013	1.25E+07	0.398
4937.370	4200	0	37240	0.0032	-0.0010	0.0013	1.01E+07	0.417	1817.590	6199	0	36508	0.0030	-0.0009	0.0013	1.25E+07	0.398
4938.370	4200	0	37276	0.0032	-0.0010	0.0013	1.00E+07	0.418	1818.590	6199	0	36472	0.0030	-0.0009	0.0013	1.25E+07	0.398
4939.370	4199	0	37313	0.0032	-0.0010	0.0013	1.02E+07	0.420	1819.590	6201	0	36618	0.0030	-0.0009	0.0013	1.25E+07	0.397
4940.370	4200	0	37386	0.0032	-0.0010	0.0013	1.01E+07	0.417	1820.590	6199	0	36655	0.0030	-0.0009	0.0013	1.25E+07	0.397
4941.370	4200	0	37459	0.0032	-0.0010	0.0013	1.01E+07	0.417	1821.590	6200	0	36691	0.0030	-0.0009	0.0013	1.26E+07	0.400
4942.370	4199	0	37423	0.0033	-0.0010	0.0013	1.00E+07	0.419	1822.590	6200	0	36801	0.0030	-0.0009	0.0013	1.26E+07	0.400
4943.370	4200	0	37496	0.0033	-0.0010	0.0013	1.00E+07	0.419	1823.590	6200	0	36874	0.0030	-0.0009	0.0013	1.27E+07	0.402
4944.370	4199	0	37533	0.0033	-0.0010	0.0013	1.00E+07	0.422	1824.590	6202	0	36874	0.0030	-0.0009	0.0013	1.27E+07	0.402
4945.370	4199	0	37569	0.0033	-0.0010	0.0013	1.01E+07	0.424	1825.590	6200	0	36947	0.0031	-0.0009	0.0013	1.27E+07	0.403
4946.370	4200	0	37642	0.0033	-0.0010	0.0013	9.93E+06	0.421	1826.590	6199	0	37021	0.0030	-0.0009	0.0013	1.26E+07	0.402
4947.370	4200	0	37642	0.0033	-0.0010	0.0013	9.91E+06	0.423	1827.590	6201	0	37094	0.0030	-0.0009	0.0013	1.26E+07	0.403
4948.370	4200	0	37642	0.0033	-0.0010	0.0013	9.88E+06	0.422	1828.590	6199	0	37130	0.0030	-0.0009	0.0013	1.26E+07	0.404
4949.370	4200	0	37715	0.0033	-0.0010	0.0013	9.88E+06	0.423	1829.590	6199	0	37130	0.0031	-0.0009	0.0013	1.27E+07	0.406
4950.370	4200	0	37679	0.0033	-0.0010	0.0013	9.85E+06	0.419	1830.590	6203	0	37167	0.0031	-0.0009	0.0013	1.27E+07	0.406
4951.370	4200	0	37789	0.0033	-0.0010	0.0013	9.85E+06	0.418	1831.590	6199	0	37240	0.0031	-0.0009	0.0013	1.26E+07	0.406
4952.370	4199	0	37862	0.0033	-0.0010	0.0013	9.77E+06	0.415	1832.590	6201	0	37277	0.0031	-0.0009	0.0013	1.24E+07	0.404
4953.370	4200	0	37789	0.0033	-0.0010	0.0013	9.70E+06	0.415	1833.590	6199	0	37350	0.0031	-0.0009	0.0013	1.23E+07	0.403
4954.370	4199	0	37862	0.0033	-0.0010	0.0013	9.63E+06	0.413	1834.590	6199	0	37350	0.0031	-0.0009	0.0013	1.23E+07	0.403
4955.370	4200	0	37971	0.0033	-0.0010	0.0013	9.65E+06	0.413	1835.590	6199	0	37350	0.0031	-0.0009	0.0013	1.21E+07	0.398
4956.360	4200	0	38008	0.0033	-0.0010	0.0013	9.65E+06	0.415	1836.590	6200	0	37350	0.0031	-0.0009	0.0013	1.22E+07	0.398
4957.360	4200	0	38045	0.0033	-0.0010	0.0013	9.71E+06	0.417	1837.590	6200	0	37423	0.0031	-0.0009	0.0013	1.21E+07	0.396
4958.360	4201	0	38081	0.0033	-0.0010	0.0013	9.68E+06	0.417	1838.590	6199	0	37569	0.0031	-0.0009	0.0013	1.21E+07	0.398
4959.360	4200	0	38081	0.0033	-0.0010	0.0013	9.64E+06	0.418	1839.590	6199	0	37533	0.0031	-0.0009	0.0013	1.20E+07	0.396
4960.360	4201	0	38118	0.0033	-0.0010	0.0013	9.64E+06	0.418	1840.590	6200	0	37569	0.0031	-0.0009	0.0013	1.21E+07	0.397
4961.360	4201	0	38154	0.0033	-0.0010	0.0013	9.76E+06	0.422	1841.590	6199	0	37642	0.0031	-0.0009	0.0013	1.21E+07	0.396
4962.360	4202	0	38191	0.0033	-0.0010	0.0013	9.79E+06	0.426	1842.580	6199	0	37679	0.0031	-0.0009	0.0013	1.20E+07	0.398
4963.360	4199	0	38228	0.0033	-0.0010	0.0013	9.81E+06	0.431	1843.580	6199	0	37715	0.0031	-0.0009	0.0013	1.18E+07	0.393
4964.360	4201	0	38411	0.0033	-0.0010	0.0013	9.76E+06	0.431	1844.580	6199	0	37789	0.0031	-0.0009	0.0013	1.18E+07	0.392
4965.360	4202	0	38301	0.0033	-0.0010	0.0013	9.78E+06	0.433	1845.580	6199	0	37862	0.0031	-0.0009	0.0013	1.18E+07	0.395
4966.360	4199	0	38301	0.0033	-0.0010	0.0013	9.80E+06	0.438	1846.580	6202	0	37862	0.0031	-0.0009	0.0013	1.19E+07	0.396
4967.360	4201	0	38337	0.0033	-0.0010	0.001											

4982.360	4201	0	38959	0.0034	-0.0010	0.0013	9.57E+06	0.485	1862.580	6202	0	38520	0.0032	-0.0009	0.0013	1.18E+07	0.393
4983.360	4199	0	38923	0.0034	-0.0010	0.0013	9.59E+06	0.486	1863.580	6199	0	38484	0.0032	-0.0009	0.0013	1.17E+07	0.394
4984.360	4201	0	38996	0.0034	-0.0010	0.0013	9.59E+06	0.488	1864.580	6199	0	38557	0.0032	-0.0009	0.0013	1.19E+07	0.400
4985.360	4199	0	39069	0.0034	-0.0010	0.0013	9.58E+06	0.489	1865.580	6200	0	38593	0.0032	-0.0009	0.0013	1.22E+07	0.407
4986.350	4201	0	39105	0.0034	-0.0010	0.0013	9.52E+06	0.488	1866.580	6200	0	38593	0.0032	-0.0009	0.0013	1.22E+07	0.407
4987.350	4200	0	39142	0.0034	-0.0010	0.0013	9.51E+06	0.489	1867.580	6200	0	38630	0.0032	-0.0009	0.0013	1.20E+07	0.404
4988.350	4199	0	39142	0.0034	-0.0011	0.0013	9.55E+06	0.495	1868.580	6200	0	38667	0.0032	-0.0009	0.0013	1.20E+07	0.405
4989.350	4200	0	39179	0.0034	-0.0011	0.0013	9.52E+06	0.497	1869.580	6199	0	38703	0.0032	-0.0009	0.0013	1.19E+07	0.405
4990.350	4199	0	39288	0.0034	-0.0011	0.0013	9.70E+06	0.501	1870.580	6199	0	38776	0.0032	-0.0009	0.0013	1.19E+07	0.403
4991.350	4200	0	39252	0.0034	-0.0011	0.0013	9.71E+06	0.502	1871.580	6201	0	38813	0.0032	-0.0009	0.0013	1.18E+07	0.399
4992.350	4198	0	39288	0.0034	-0.0011	0.0013	9.67E+06	0.504	1872.580	6200	0	38850	0.0032	-0.0009	0.0013	1.19E+07	0.400
4993.350	4200	0	39288	0.0034	-0.0011	0.0013	9.61E+06	0.507	1873.570	6200	0	38776	0.0032	-0.0009	0.0013	1.19E+07	0.400
4994.350	4200	0	39362	0.0034	-0.0011	0.0013	9.63E+06	0.506	1874.570	6198	0	38850	0.0032	-0.0009	0.0013	1.19E+07	0.400
4995.350	4201	0	39362	0.0034	-0.0011	0.0013	9.54E+06	0.508	1875.570	6199	0	38996	0.0032	-0.0009	0.0013	1.20E+07	0.403
4996.350	4201	0	39398	0.0035	-0.0011	0.0013	9.53E+06	0.512	1876.570	6200	0	38996	0.0032	-0.0009	0.0013	1.19E+07	0.402
4997.350	4200	0	39435	0.0035	-0.0011	0.0013	9.42E+06	0.508	1877.570	6199	0	38959	0.0032	-0.0010	0.0013	1.21E+07	0.405
4998.350	4201	0	39508	0.0035	-0.0011	0.0013	9.34E+06	0.511	1878.570	6198	0	39069	0.0032	-0.0010	0.0013	1.22E+07	0.407
4999.350	4201	0	39581	0.0035	-0.0011	0.0013	9.27E+06	0.514	1879.570	6198	0	39106	0.0032	-0.0010	0.0013	1.21E+07	0.408
5000.350	4201	0	39618	0.0035	-0.0011	0.0013	9.30E+06	0.518	1880.570	6201	0	39106	0.0032	-0.0010	0.0013	1.22E+07	0.409
5001.350	4199	0	39654	0.0035	-0.0011	0.0013	9.18E+06	0.511	1881.570	6198	0	39142	0.0032	-0.0010	0.0013	1.22E+07	0.409
5002.350	4199	0	39618	0.0035	-0.0011	0.0013	9.20E+06	0.508	1882.570	6202	0	39215	0.0032	-0.0010	0.0013	1.21E+07	0.409
5003.350	4201	0	39691	0.0035	-0.0011	0.0013	9.04E+06	0.501	1883.570	6200	0	39252	0.0032	-0.0010	0.0013	1.22E+07	0.413
5003.530	4199	0	39691	0.0035	-0.0011	0.0013	8.86E+06	0.498	1884.570	6200	0	39252	0.0032	-0.0010	0.0013	1.24E+07	0.415
5004.530	4201	0	39727	0.0035	-0.0011	0.0013	8.69E+06	0.494	1885.570	6200	0	39325	0.0032	-0.0010	0.0013	1.23E+07	0.413
5005.530	4199	0	39727	0.0035	-0.0011	0.0013	8.60E+06	0.491	1886.570	6199	0	39362	0.0032	-0.0010	0.0013	1.23E+07	0.411
									1887.570	6199	0	39362	0.0032	-0.0010	0.0013	1.24E+07	0.413
									1888.570	6200	0	39435	0.0032	-0.0010	0.0013	1.24E+07	0.408
									1889.570	6199	0	39435	0.0032	-0.0010	0.0013	1.27E+07	0.415
									1890.570	6199	0	39545	0.0032	-0.0010	0.0013	1.27E+07	0.416
									1891.570	6199	0	39508	0.0033	-0.0010	0.0013	1.27E+07	0.413
									1892.570	6201	0	39581	0.0033	-0.0010	0.0013	1.27E+07	0.412
									1893.570	6200	0	39545	0.0032	-0.0010	0.0013	1.27E+07	0.412
									1894.570	6199	0	39618	0.0032	-0.0010	0.0013	1.26E+07	0.411
									1895.570	6201	0	39654	0.0033	-0.0010	0.0013	1.28E+07	0.412
									1896.570	6200	0	39691	0.0033	-0.0010	0.0013	1.30E+07	0.416
									1897.570	6200	0	39801	0.0033	-0.0010	0.0013	1.29E+07	0.413
									1898.570	6199	0	39801	0.0033	-0.0010	0.0013	1.30E+07	0.413
									1899.570	6199	0	39801	0.0033	-0.0010	0.0013	1.29E+07	0.412
									1900.570	6201	0	39874	0.0033	-0.0010	0.0013	1.27E+07	0.411
									1901.570	6200	0	39947	0.0033	-0.0010	0.0013	1.30E+07	0.417
									1902.570	6201	0	39984	0.0033	-0.0010	0.0013	1.30E+07	0.418
									1903.570	6200	0	39984	0.0033	-0.0010	0.0013	1.28E+07	0.417
									1904.570	6201	0	40057	0.0033	-0.0010	0.0013	1.28E+07	0.417
									1905.560	6199	0	40057	0.0033	-0.0010	0.0013	1.28E+07	0.419
									1906.560	6199	0	40093	0.0033	-0.0010	0.0013	1.26E+07	0.415
									1907.560	6200	0	40130	0.0033	-0.0010	0.0013	1.26E+07	0.412
									1908.560	6199	0	40203	0.0033	-0.0010	0.0013	1.25E+07	0.412
									1909.560	6199	0	40313	0.0033	-0.0010	0.0013	1.25E+07	0.411
									1910.560	6199	0	40276	0.0033	-0.0010	0.0013	1.25E+07	0.411
									1911.560	6198	0	40422	0.0033	-0.0010	0.0013	1.25E+07	0.413
									1912.560	6199	0	40386	0.0033	-0.0010	0.0013	1.25E+07	0.416
									1913.560	6199	0	40422	0.0033	-0.0010	0.0013	1.25E+07	0.417
									1914.560	6199	0	40496	0.0033	-0.0010	0.0013	1.25E+07	0.415
									1915.560	6200	0	40459	0.0033	-0.0010	0.0013	1.25E+07	0.419
									1916.560	6201	0	40532	0.0033	-0.0010	0.0013	1.26E+07	0.421
									1917.560	6201	0	40532	0.0033	-0.0010	0.0013	1.25E+07	0.422
									1918.560	6199	0	40569	0.0033	-0.0010	0.0013	1.24E+07	0.420
									1919.560	6200	0	40605	0.0033	-0.0010	0.0013	1.24E+07	0.421
									1920.560	6200	0	40642	0.0033	-0.0010	0.0013	1.25E+07	0.425
									1921.560	6199	0	40752	0.0033	-0.0010	0.0013	1.23E+07	0.421
									1922.560	6200	0	40752	0.0034	-0.0010	0.0013	1.23E+07	0.421
									1923.560	6200	0	40788	0.0033	-0.0010	0.0013	1.24E+07	0.422
									1924.560	6201	0	40825	0.0033	-0.0010	0.0013	1.22E+07	0.417
									1925.560	6201	0	40862	0.0034	-0.0010	0.0013	1.22E+07	0.419
									1926.560	6199	0	40935	0.0033	-0.0010	0.0013	1.23E+07	0.424
									1927.560	6199	0	40971	0.0034	-0.0010	0.0013	1.20E+07	0.420
									1928.560	6200	0	41008	0.0034	-0.0010	0.0013	1.20E+07	0.420
									1929.560	6202	0	41044	0.0034	-0.0010	0.0013	1.20E+07	0.422
									1930.560	6200	0	41044	0.0034	-0.0010	0.0013	1.19E+07	0.421
									1931.560	6199	0	41118	0.0034	-0.0010	0.0013	1.19E+07	0.425
									1932.560	6199	0	41191	0.0034	-0.0010	0.0013	1.19E+07	0.425
									1933.560	6198	0	41191	0.0034	-0.0010	0.0013	1.17E+07	0.424
									1934.560	6199	0	41300	0.0034	-0.0010	0.0013	1.16E+07	0.424
									1935.560	6199	0	41300	0.0034	-0.0010	0.0013	1.16E+07	0.425
									1936.550	6199	0	41337	0.0034	-0.0010	0.0013	1.14E+07	0.422
									1937.550	6199	0	41374	0.0034	-0.0010	0.0013	1.15E+07	0.422
									1938.550	6200	0	41447	0.0034	-0.0010	0.0013	1.15E+07	0.420
									1939.550	6199	0	41520	0.0034	-0.0010	0.0014	1.13E+07	0.415
									1940.550	6199	0	41557	0.0034	-0.0010	0.0013	1.13E+07	0.417

1941.550	6201	0	41520	0.0034	-0.0010	0.0013	1.13E+07	0.417
1942.550	6203	0	41520	0.0034	-0.0010	0.0013	1.12E+07	0.416
1943.550	6199	0	41666	0.0034	-0.0010	0.0013	1.11E+07	0.413
1944.550	6199	0	41666	0.0034	-0.0010	0.0013	1.12E+07	0.416
1945.550	6202	0	41740	0.0034	-0.0010	0.0013	1.11E+07	0.415
1946.550	6201	0	41740	0.0034	-0.0010	0.0014	1.09E+07	0.411
1947.550	6200	0	41776	0.0034	-0.0010	0.0013	1.10E+07	0.412
1948.550	6199	0	41922	0.0034	-0.0010	0.0013	1.10E+07	0.410
1949.550	6197	0	41886	0.0034	-0.0010	0.0014	1.10E+07	0.409
1950.550	6201	0	41849	0.0034	-0.0010	0.0013	1.09E+07	0.410
1951.550	6200	0	41996	0.0034	-0.0011	0.0013	1.08E+07	0.407
1952.550	6201	0	41959	0.0035	-0.0010	0.0014	1.08E+07	0.411
1953.550	6201	0	41996	0.0035	-0.0011	0.0014	1.08E+07	0.412
1954.550	6199	0	41996	0.0034	-0.0010	0.0013	1.09E+07	0.411
1955.550	6202	0	42069	0.0035	-0.0011	0.0014	1.08E+07	0.410
1956.550	6199	0	42105	0.0035	-0.0011	0.0013	1.08E+07	0.409
1957.550	6199	0	42142	0.0035	-0.0011	0.0014	1.08E+07	0.406
1958.550	6199	0	42178	0.0035	-0.0011	0.0014	1.07E+07	0.403
1959.550	6199	0	42215	0.0035	-0.0011	0.0014	1.07E+07	0.404
1960.550	6201	0	42215	0.0035	-0.0011	0.0013	1.05E+07	0.402
1961.550	6201	0	42288	0.0035	-0.0011	0.0014	1.02E+07	0.399
1962.550	6200	0	42288	0.0035	-0.0011	0.0014	9.66E+06	0.396
1963.550	6199	0	42361	0.0035	-0.0011	0.0014	9.67E+06	0.396
1964.550	6201	0	42398	0.0035	-0.0011	0.0014	1.00E+07	0.394
1965.550	6198	0	42398	0.0035	-0.0011	0.0013	1.04E+07	0.395
1966.550	6199	0	42434	0.0035	-0.0011	0.0014	1.05E+07	0.396
1967.540	6198	0	42471	0.0035	-0.0011	0.0014	1.03E+07	0.398
1968.540	6203	0	42544	0.0035	-0.0011	0.0014	9.64E+06	0.395
1969.540	6200	0	42581	0.0035	-0.0011	0.0013	8.85E+06	0.394
1970.540	6199	0	42617	0.0035	-0.0011	0.0014	7.99E+06	0.387
1971.540	6199	0	42617	0.0035	-0.0011	0.0014	7.43E+06	0.385
1972.540	6200	0	42727	0.0035	-0.0011	0.0013	6.92E+06	0.381
1973.540	6199	0	42764	0.0035	-0.0011	0.0014	6.55E+06	0.381
1974.540	6200	0	42764	0.0035	-0.0011	0.0014	6.33E+06	0.382
1975.540	6199	0	42800	0.0035	-0.0011	0.0014	6.07E+06	0.381
1976.540	6200	0	42874	0.0035	-0.0011	0.0014	5.83E+06	0.381
1977.540	6199	0	42837	0.0035	-0.0011	0.0014	5.72E+06	0.383
1978.540	6198	0	42874	0.0035	-0.0011	0.0013	5.74E+06	0.385
1979.540	6200	0	43056	0.0035	-0.0011	0.0014	5.92E+06	0.388
1980.540	6198	0	43020	0.0035	-0.0011	0.0014	6.16E+06	0.391
1981.540	6201	0	43166	0.0035	-0.0011	0.0014	6.44E+06	0.394
1982.540	6199	0	43239	0.0036	-0.0011	0.0014	6.74E+06	0.398
1983.540	6198	0	43166	0.0036	-0.0011	0.0014	7.00E+06	0.402
1984.540	6200	0	43130	0.0035	-0.0011	0.0014	7.24E+06	0.404
1985.540	6199	0	42947	0.0036	-0.0011	0.0014	7.47E+06	0.407
1986.540	6200	0	42691	0.0036	-0.0011	0.0014	7.72E+06	0.411
1987.540	6200	0	42508	0.0036	-0.0011	0.0014	7.92E+06	0.414
1988.540	6199	0	43459	0.0036	-0.0011	0.0014	8.12E+06	0.416
1989.540	6199	0	44264	0.0036	-0.0011	0.0014	8.30E+06	0.419
1990.540	6197	0	44593	0.0037	-0.0011	0.0014	8.47E+06	0.421
1991.540	6199	0	44593	0.0037	-0.0011	0.0014	8.63E+06	0.425
1992.540	6199	0	44190	0.0037	-0.0011	0.0014	8.85E+06	0.429
1993.540	6199	0	43715	0.0037	-0.0011	0.0014	8.99E+06	0.432
1994.540	6199	0	43312	0.0037	-0.0011	0.0014	9.13E+06	0.435
1995.540	6202	0	43130	0.0037	-0.0011	0.0014	9.33E+06	0.441
1996.540	6199	0	43056	0.0037	-0.0011	0.0014	9.47E+06	0.442
1997.540	6201	0	43203	0.0037	-0.0011	0.0014	9.61E+06	0.444
1998.530	6203	0	43239	0.0037	-0.0011	0.0014	9.86E+06	0.449
1999.530	6199	0	43276	0.0037	-0.0011	0.0014	1.01E+07	0.452
2000.530	6199	0	43312	0.0037	-0.0011	0.0014	1.03E+07	0.455
2001.530	6200	0	43312	0.0037	-0.0011	0.0014	1.04E+07	0.459
2002.530	6199	0	43459	0.0037	-0.0011	0.0014	1.06E+07	0.461
2003.530	6199	0	43934	0.0037	-0.0012	0.0014	1.08E+07	0.466
2004.530	6200	0	44520	0.0037	-0.0012	0.0014	1.12E+07	0.474
2005.530	6200	0	44739	0.0037	-0.0012	0.0014	1.16E+07	0.480
2006.530	6199	0	44959	0.0037	-0.0012	0.0014	1.18E+07	0.483
2007.530	6200	0	45068	0.0037	-0.0012	0.0014	1.23E+07	0.491
2008.530	6199	0	45105	0.0037	-0.0012	0.0014	1.28E+07	0.497
2009.530	6199	0	45105	0.0037	-0.0012	0.0014	1.33E+07	0.504
2010.530	6201	0	45178	0.0037	-0.0012	0.0014	1.41E+07	0.519
2011.530	6200	0	45215	0.0037	-0.0012	0.0014	1.48E+07	0.533
2012.530	6199	0	45215	0.0037	-0.0012	0.0014	1.52E+07	0.541
2013.530	6199	0	45288	0.0037	-0.0012	0.0014	1.55E+07	0.556
2014.530	6200	0	45251	0.0037	-0.0012	0.0014	1.67E+07	0.569
2015.530	6199	0	45324	0.0037	-0.0012	0.0014	1.74E+07	0.569
2016.530	6199	0	45288	0.0037	-0.0012	0.0014	1.83E+07	0.568
2017.530	6199	0	45434	0.0037	-0.0012	0.0014	1.85E+07	0.567
2018.530	6201	0	45361	0.0038	-0.0012	0.0014	1.84E+07	0.563
2019.530	6200	0	45361	0.0037	-0.0012	0.0014	1.82E+07	0.561

2020.530	6200	0	45471	0.0037	-0.0012	0.0014	1.76E+07	0.556
2021.530	6201	0	45471	0.0038	-0.0012	0.0014	1.67E+07	0.545
2022.530	6199	0	45507	0.0038	-0.0012	0.0014	1.58E+07	0.536
2023.530	6199	0	45507	0.0038	-0.0012	0.0014	1.49E+07	0.525
2024.530	6199	0	45581	0.0038	-0.0012	0.0014	1.43E+07	0.523
2025.530	6200	0	45581	0.0038	-0.0012	0.0014	1.35E+07	0.519
2026.530	6199	0	45617	0.0038	-0.0012	0.0014	1.27E+07	0.512
2027.530	6200	0	45617	0.0038	-0.0012	0.0014	1.18E+07	0.504
2028.530	6199	0	45617	0.0038	-0.0012	0.0014	1.08E+07	0.501
2029.530	6201	0	45763	0.0038	-0.0012	0.0014	1.01E+07	0.498
2030.520	6201	0	45763	0.0038	-0.0012	0.0014	1.01E+07	0.504
2031.520	6199	0	45727	0.0038	-0.0012	0.0014	1.00E+07	0.504
2032.520	6198	0	45873	0.0038	-0.0012	0.0014	9.95E+06	0.502
2033.520	6199	0	45837	0.0038	-0.0012	0.0014	9.98E+06	0.502
2034.520	6200	0	45910	0.0038	-0.0012	0.0014	1.01E+07	0.506
2035.520	6203	0	45910	0.0038	-0.0012	0.0014	1.00E+07	0.501
2036.520	6200	0	45946	0.0038	-0.0012	0.0014	9.97E+06	0.500
2037.520	6199	0	45983	0.0038	-0.0012	0.0014	1.00E+07	0.503
2038.520	6199	0	45946	0.0038	-0.0012	0.0014	9.99E+06	0.504
2039.520	6199	0	46019	0.0038	-0.0012	0.0014	1.00E+07	0.504
2040.520	6200	0	46019	0.0038	-0.0012	0.0014	1.01E+07	0.510
2041.520	6200	0	46166	0.0038	-0.0012	0.0014	9.97E+06	0.507
2042.520	6199	0	46166	0.0038	-0.0012	0.0014	9.90E+06	0.507
2043.520	6202	0	46166	0.0038	-0.0012	0.0014	1.01E+07	0.512
2044.520	6199	0	46239	0.0038	-0.0012	0.0014	9.96E+06	0.511
2045.520	6201	0	46276	0.0038	-0.0012	0.0014	9.90E+06	0.515
2046.520	6201	0	46276	0.0038	-0.0012	0.0014	1.01E+07	0.519
2047.520	6201	0	46312	0.0038	-0.0012	0.0014	1.00E+07	0.520
2048.520	6200	0	46312	0.0038	-0.0012	0.0014	1.00E+07	0.521
2049.520	6201	0	46422	0.0038	-0.0012	0.0014	9.94E+06	0.521
2050.520	6199	0	46385	0.0038	-0.0012	0.0014	9.92E+06	0.521
2051.520	6199	0	46495	0.0039	-0.0012	0.0014	9.91E+06	0.523
2052.520	6199	0	46495	0.0039	-0.0012	0.0014	9.95E+06	0.528
2053.520	6199	0	46568	0.0039	-0.0012	0.0014	9.99E+06	0.530
2054.520	6201	0	46568	0.0039	-0.0012	0.0014	9.96E+06	0.535
2055.520	6201	0	46605	0.0039	-0.0012	0.0014	9.94E+06	0.535
2056.520	6198	0	46605	0.0039	-0.0012	0.0014	9.99E+06	0.540
2057.520	6199	0	46641	0.0039	-0.0013	0.0014	9.83E+06	0.538
2058.520	6201	0	46751	0.0039	-0.0013	0.0014	9.98E+06	0.547
2059.520	6200	0	46751	0.0039	-0.0013	0.0014	9.96E+06	0.549
2060.520	6198	0	46824	0.0039	-0.0013	0.0014	9.91E+06	0.549
2061.510	6201	0	46751	0.0039	-0.0013	0.0014	9.88E+06	0.549
2062.510	6199	0	46824	0.0039	-0.0013	0.0014	9.86E+06	0.553
2063.510	6200	0	46897	0.0039	-0.0013	0.0014	9.93E+06	0.556
2064.510	6200	0	46934	0.0039	-0.0013	0.0014	9.98E+06	0.562
2065.510	6198	0	46971	0.0039	-0.0013	0.0014	9.85E+06	0.559
2066.510	6200	0	46971	0.0039	-0.0013	0.0014	9.73E+06	0.557
2067.510	6198	0	47044	0.0039	-0.0013	0.0014	9.64E+06	0.555
2068.510	6200	0	47153	0.0039	-0.0013	0.0014	9.64E+06	0.555
2069.510	6199	0	47080	0.0039	-0.0013	0.0014	9.64E+06	0.555
2070.510	6199	0	47117	0.0039	-0.0013	0.0014	9.77E+06	0.561
2071.510	6200	0	47263	0.0039	-0.0013	0.0014	9.76E+06	0.564
2072.510	6201	0	47190	0.0039	-0.0013	0.0014	9.70E+06	0.562
2073.510	6201	0	47300	0.0039	-0.0013	0.0014	9.70E+06	0.564
2074.510	6202	0	47336	0.0039	-0.0013	0.0014	9.68E+06	0.566
2075.510	6199	0	47336	0.0039	-0.0013	0.0014	9.83E+06	0.576
2076.510	6199	0	47410	0.0040	-0.0013	0.0014	9.88E+06	0.581
2077.510	6199	0	47373	0.0039	-0.0013	0.0014	9.89E+06	0.584
2078.510	6199	0	47519	0.0039	-0.0013	0.0014	9.86E+06	0.584
2079.510	6200	0	47483	0.0040	-0.0013	0.0014	9.87E+06	0.586
2080.510	6199	0	47519	0.0040	-0.0013	0.0014	9.92E+06	0.589
2081.510	6199	0	47593	0.0040	-0.0013	0.0014	9.95E+06	0.592
2082.510	6201	0	47556	0.0040	-0.0013	0.0014	1.01E+07	0.602
2083.510	6199	0	47629	0.0040	-0.0013	0.0014	9.92E+06	0.599
2084.510	6199	0	47702	0.0040	-0.0013	0.0014	9.93E+06	0.601
2085.510	6203	0	47739	0.0040	-0.0013	0.0014	9.95E+06	0.605
2086.510	6201	0	47739	0.0040	-0.0013	0.0014	9.94E+06	0.607
2087.510	6199	0	47775	0.0040	-0.0013	0.0014	9.98E+06	0.611
2088.510	6200	0	47922	0.0040	-0.0013	0.0014	1.00E+07	0.614
2089.510	6199	0	47885	0.0040	-0.0013	0.0014	1.01E+07	0.621
2090.510	6200	0	47885	0.0040	-0.0013	0.0014	1.00E+07	0.622
2091.510	6201	0	47885	0.0040	-0.0013	0.0014	1.00E+07	0.629
2092.500	6200	0	47958	0.0040	-0.0013	0.0014	9.87E+06	0.625
2093.500	6200	0	48031	0.0040	-0.0013	0.0014	9.86E+06	0.627
2094.500	6199	0	48068	0.0040	-0.0013	0.0014	9.76E+06	0.624
2095.500	6199	0	48141	0.0040	-0.0013	0.0013	9.76E+06	0.629
2096.500	6202	0	48105	0.0040	-0.0013	0.0013	9.69E+06	0.628
2097.500	6199	0	48141	0.0040	-0.0013	0.0014	9.72E+06	0.630
2098.500	6201	0	48214	0.0040	-0.0013	0.0013	9.60E+06	0.632

2099.500	6199	0	48214	0.0040	-0.0013	0.0013	9.60E+06	0.633
2100.500	6201	0	48288	0.0040	-0.0013	0.0013	9.59E+06	0.633
2101.500	6201	0	48288	0.0040	-0.0013	0.0013	9.47E+06	0.630
2102.500	6197	0	48288	0.0040	-0.0014	0.0013	9.49E+06	0.633
2103.500	6199	0	48361	0.0041	-0.0014	0.0013	9.50E+06	0.636
2104.500	6199	0	48434	0.0040	-0.0014	0.0013	9.47E+06	0.635
2105.500	6201	0	48507	0.0040	-0.0014	0.0013	9.42E+06	0.635
2106.500	6198	0	48507	0.0041	-0.0014	0.0013	9.39E+06	0.637
2107.500	6199	0	48544	0.0041	-0.0014	0.0013	9.40E+06	0.643
2108.500	6199	0	48544	0.0041	-0.0014	0.0013	9.34E+06	0.643
2109.500	6198	0	48617	0.0041	-0.0014	0.0013	9.22E+06	0.644
2110.500	6199	0	48617	0.0041	-0.0014	0.0013	9.21E+06	0.643
2111.500	6199	0	48653	0.0041	-0.0014	0.0013	9.08E+06	0.639
2112.500	6200	0	48763	0.0041	-0.0014	0.0013	8.89E+06	0.633
2113.500	6200	0	48800	0.0041	-0.0014	0.0013	8.70E+06	0.628
2114.500	6200	0	48800	0.0041	-0.0014	0.0013	8.60E+06	0.627
2115.500	6200	0	48763	0.0041	-0.0014	0.0013	8.46E+06	0.626
2116.500	6199	0	48836	0.0041	-0.0014	0.0013	8.35E+06	0.622
2117.500	6200	0	48836	0.0041	-0.0014	0.0013	8.25E+06	0.619
2118.500	6198	0	48946	0.0041	-0.0014	0.0013	8.12E+06	0.615
2119.500	6200	0	48909	0.0041	-0.0014	0.0013	8.01E+06	0.611
2120.500	6199	0	48983	0.0041	-0.0014	0.0013	7.97E+06	0.612
2121.500	6200	0	49019	0.0041	-0.0014	0.0013	7.90E+06	0.609
2122.500	6199	0	49056	0.0041	-0.0014	0.0013	7.82E+06	0.610
2123.490	6200	0	49019	0.0041	-0.0014	0.0013	7.76E+06	0.609
2124.490	6202	0	49165	0.0041	-0.0014	0.0013	7.71E+06	0.611
2125.490	6199	0	49202	0.0041	-0.0014	0.0013	7.71E+06	0.615
2126.490	6198	0	49165	0.0042	-0.0014	0.0013	7.75E+06	0.621
2127.490	6200	0	49239	0.0041	-0.0014	0.0013	7.66E+06	0.617
2128.490	6199	0	49348	0.0041	-0.0014	0.0013	7.53E+06	0.614
2129.490	6199	0	49275	0.0042	-0.0014	0.0013	7.47E+06	0.613
2130.490	6201	0	49348	0.0042	-0.0014	0.0013	7.43E+06	0.613
2131.490	6199	0	49348	0.0042	-0.0014	0.0013	7.48E+06	0.615
2132.490	6201	0	49385	0.0042	-0.0014	0.0013	7.47E+06	0.618
2133.490	6199	0	49458	0.0042	-0.0014	0.0013	7.52E+06	0.622
2134.490	6198	0	49422	0.0042	-0.0014	0.0013	7.47E+06	0.618
2135.490	6199	0	49568	0.0042	-0.0014	0.0013	7.46E+06	0.619
2136.490	6199	0	49568	0.0042	-0.0014	0.0013	7.40E+06	0.616
2137.490	6199	0	49531	0.0042	-0.0014	0.0013	7.40E+06	0.620
2138.490	6199	0	49568	0.0042	-0.0014	0.0013	7.45E+06	0.623
2139.490	6199	0	49531	0.0042	-0.0015	0.0013	7.51E+06	0.626
2140.490	6200	0	49568	0.0042	-0.0015	0.0013	7.57E+06	0.629
2141.490	6202	0	49714	0.0042	-0.0015	0.0013	7.49E+06	0.627
2142.490	6199	0	49751	0.0042	-0.0015	0.0013	7.54E+06	0.635
2143.490	6202	0	49714	0.0042	-0.0015	0.0013	7.53E+06	0.637
2144.490	6201	0	49714	0.0042	-0.0015	0.0013	7.53E+06	0.642
2145.490	6201	0	49751	0.0042	-0.0015	0.0013	7.52E+06	0.644
2146.490	6201	0	49787	0.0042	-0.0015	0.0013	7.54E+06	0.643
2147.490	6199	0	49824	0.0042	-0.0015	0.0013	7.77E+06	0.638
2148.490	6199	0	49861	0.0042	-0.0015	0.0013	8.06E+06	0.643
2149.490	6201	0	49861	0.0042	-0.0015	0.0013	8.21E+06	0.640
2150.490	6199	0	49934	0.0042	-0.0015	0.0013	8.37E+06	0.647
2151.490	6200	0	49970	0.0042	-0.0015	0.0013	8.52E+06	0.649
2152.490	6199	0	50007	0.0043	-0.0015	0.0013	8.49E+06	0.648
2153.490	6200	0	49970	0.0043	-0.0015	0.0013	8.54E+06	0.655
2154.490	6199	0	50043	0.0043	-0.0015	0.0013	8.61E+06	0.659
2155.480	6201	0	50080	0.0043	-0.0015	0.0013	8.57E+06	0.661
2156.480	6202	0	50117	0.0043	-0.0015	0.0013	8.64E+06	0.669
2157.480	6198	0	50117	0.0043	-0.0015	0.0013	8.68E+06	0.676
2158.480	6199	0	50190	0.0043	-0.0015	0.0013	8.70E+06	0.681
2159.480	6200	0	50263	0.0043	-0.0015	0.0013	8.75E+06	0.688
2160.480	6199	0	50263	0.0043	-0.0015	0.0013	8.76E+06	0.696
2161.480	6200	0	50300	0.0043	-0.0015	0.0013	8.83E+06	0.702
2162.480	6199	0	50263	0.0043	-0.0015	0.0013	8.80E+06	0.708
2163.480	6200	0	50336	0.0043	-0.0015	0.0013	8.71E+06	0.708
2164.480	6200	0	50409	0.0043	-0.0015	0.0013	8.65E+06	0.711
2165.480	6200	0	50409	0.0043	-0.0015	0.0013	8.63E+06	0.716
2166.480	6200	0	50373	0.0043	-0.0015	0.0013	8.57E+06	0.720
2167.480	6199	0	50482	0.0043	-0.0015	0.0012	8.56E+06	0.724
2168.480	6199	0	50482	0.0043	-0.0015	0.0013	8.53E+06	0.727
2169.480	6202	0	50482	0.0043	-0.0015	0.0013	8.50E+06	0.729
2170.480	6200	0	50556	0.0043	-0.0015	0.0012	8.47E+06	0.734
2171.480	6200	0	50702	0.0043	-0.0015	0.0013	8.45E+06	0.739
2172.480	6199	0	51251	0.0044	-0.0016	0.0013	8.37E+06	0.740
2173.480	6199	0	51434	0.0044	-0.0016	0.0012	8.33E+06	0.744
2174.480	6200	0	51507	0.0044	-0.0016	0.0012	8.35E+06	0.753
2175.480	6199	0	51434	0.0044	-0.0016	0.0012	8.36E+06	0.759
2176.480	6199	0	51507	0.0044	-0.0016	0.0012	8.39E+06	0.768
2177.480	6198	0	51434	0.0044	-0.0016	0.0012	8.42E+06	0.775

2178.480	6200	0	51397	0.0044	-0.0016	0.0012	8.37E+06	0.776
2179.480	6199	0	51470	0.0044	-0.0016	0.0012	8.33E+06	0.777
2180.480	6198	0	51397	0.0044	-0.0016	0.0012	8.32E+06	0.782
2181.480	6199	0	51507	0.0044	-0.0016	0.0012	8.23E+06	0.784
2182.480	6200	0	51434	0.0044	-0.0016	0.0012	8.20E+06	0.787
2183.480	6200	0	51507	0.0044	-0.0016	0.0012	8.20E+06	0.794
2184.480	6198	0	51470	0.0044	-0.0016	0.0012	8.17E+06	0.799
2185.480	6201	0	51470	0.0044	-0.0016	0.0012	8.17E+06	0.802
2186.470	6200	0	51507	0.0044	-0.0016	0.0012	8.17E+06	0.809
2187.470	6199	0	51470	0.0044	-0.0016	0.0012	8.10E+06	0.806
2188.470	6199	0	51507	0.0044	-0.0016	0.0012	8.02E+06	0.812
2189.470	6200	0	51507	0.0044	-0.0016	0.0012	7.95E+06	0.816
2190.470	6202	0	51616	0.0044	-0.0016	0.0012	8.05E+06	0.830
2191.470	6199	0	51580	0.0044	-0.0016	0.0012	7.94E+06	0.830
2192.470	6200	0	51616	0.0044	-0.0016	0.0012	7.73E+06	0.832
2193.470	6200	0	51616	0.0044	-0.0016	0.0012	7.72E+06	0.849
2194.470	6201	0	51653	0.0045	-0.0016	0.0012	7.69E+06	0.864
2195.470	6201	0	51653	0.0044	-0.0016	0.0012	7.47E+06	0.871
2196.470	6199	0	51690	0.0045	-0.0016	0.0012	7.31E+06	0.888
2197.470	6201	0	51690	0.0045	-0.0016	0.0012	7.16E+06	0.888
2198.470	6199	0	51726	0.0045	-0.0016	0.0012	7.31E+06	0.881
2199.470	6199	0	51799	0.0045	-0.0017	0.0011	7.49E+06	0.874
2200.470	6201	0	51872	0.0045	-0.0017	0.0012	7.59E+06	0.859
2201.470	6199	0	51872	0.0045	-0.0017	0.0012	7.70E+06	0.856
2202.470	6201	0	51872	0.0045	-0.0017	0.0012	7.75E+06	0.840
2203.470	6199	0	51946	0.0045	-0.0017	0.0012	7.80E+06	0.836
2204.470	6201	0	51982	0.0045	-0.0017	0.0011	7.77E+06	0.832
2205.470	6200	0	52019	0.0045	-0.0017	0.0012	7.81E+06	0.832
2206.470	6200	0	51946	0.0045	-0.0017	0.0011	7.79E+06	0.828
2207.470	6200	0	52055	0.0045	-0.0017	0.0011	7.83E+06	0.827
2208.470	6199	0	52092	0.0045	-0.0017	0.0011	7.85E+06	0.828
2209.470	6200	0	52055	0.0045	-0.0017	0.0012	7.80E+06	0.823
2210.470	6199	0	52129	0.0045	-0.0017	0.0011	7.83E+06	0.827
2211.470	6199	0	52165	0.0045	-0.0017	0.0011	7.80E+06	0.824
2212.470	6201	0	52238	0.0045	-0.0017	0.0011	7.81E+06	0.822
2213.470	6203	0	52165	0.0045	-0.0017	0.0011	7.82E+06	0.826
2214.470	6202	0	52275	0.0045	-0.0017	0.0011	7.75E+06	0.826
2215.470	6200	0	52385	0.0045	-0.0017	0.0011	7.73E+06	0.832
2216.470	6199	0	52275	0.0045	-0.0017	0.0011	7.74E+06	0.838
2217.460	6200	0	52238	0.0045	-0.0017	0.0011	7.69E+06	0.838
2218.460	6200	0	52348	0.0045	-0.0017	0.0011	7.64E+06	0.840
2219.460	6201	0	52458	0.0045	-0.0017	0.0011	7.59E+06	0.842
2220.460	6199	0	52421	0.0045	-0.0017	0.0011	7.60E+06	0.846
2221.460	6200	0	52421	0.0046	-0.0017	0.0011	7.57E+06	0.853
2222.460	6200	0	52531	0.0045	-0.0017	0.0011	7.48E+06	0.851
2223.460	6199	0	52531	0.0046	-0.0017	0.0011	7.44E+06	0.854
2224.460	6199	0	52568	0.0046	-0.0017	0.0011	7.37E+06	0.856
2225.460	6201	0	52641	0.0046	-0.0017	0.0011	7.41E+06	0.864
2226.460	6199	0	52641	0.0046	-0.0017	0.0011	7.47E+06	0.873
2227.460	6200	0	52714	0.0046	-0.0017	0.0011	7.50E+06	0.885
2228.460	6199	0	52714	0.0046	-0.0017	0.0011	7.44E+06	0.892
2229.460	6199	0	52677	0.0046	-0.0017	0.0011	7.35E+06	0.891
2230.460	6198	0	52714	0.0046	-0.0018	0.0011	7.36E+06	0.898
2231.460	6200	0	52787	0.0046	-0.0018	0.0011	7.33E+06	0.902
2232.460	6199	0	52824	0.0046	-0.0018	0.0011	7.25E+06	0.904
2233.460	6199	0	52824	0.0046	-0.0018	0.0011	7.18E+06	0.901
2234.460	6202	0	52824	0.0046	-0.0018	0.0011	7.12E+06	0.901
2235.460	6199	0	52897	0.0046	-0.0018	0.0011	7.03E+06	0.903
2236.460	6201	0	52933	0.0046	-0.0018	0.0011	6.96E+06	0.904
2237.460	6200	0	53006	0.0046	-0.0018	0.0011	6.98E+06	0.915
2238.460	6199	0	53006	0.0046	-0.0018	0.0011	6.93E+06	0.911
2239.460	6199	0	52970	0.0046	-0.0018	0.0011	6.89E+06	0.917
2240.460	6199	0	53006	0.0046	-0.0018	0.0010	6.90E+06	0.923
2241.460	6200	0	53006	0.0046	-0.0018	0.0010	6.97E+06	0.929
2242.460	6199	0	53080	0.0046	-0.0018	0.0010	6.90E+06	0.932
2243.460	6200	0	53080	0.0046	-0.0018	0.0010	6.78E+06	0.936
2244.460	6199	0	53116	0.0046	-0.0018	0.0010	6.72E+06	0.937
2245.460	6201	0	53226	0.0046	-0.0018	0.0010	6.73E+06	0.935
2246.460	6199	0	53153	0.0046	-0.0018	0.0010	6.65E+06	0.935
2247.460	6200	0	53226	0.0047	-0.0018	0.0010	6.53E+06	0.927
2248.450	6199	0	53263	0.0046	-0.0018	0.0010	6.52E+06	0.937
2249.450	6199	0	53299	0.0047	-0.0018	0.0010	6.49E+06	0.944
2250.450	6201	0	53336	0.0047	-0.0018	0.0010	6.42E+06	0.940
2251.450	6199	0	53372	0.0047	-0.0018	0.0010	6.41E+06	0.941
2252.450	6199	0	53336	0.0047	-0.0018	0.0010	6.43E+06	0.944
2253.450	6199	0	53299	0.0047	-0.0018	0.0010	6.36E+06	0.937
2254.450	6204	0	53336	0.0047	-0.0018	0.0010	6.39E+06	0.942
2255.450	6199	0	53409	0.0047	-0.0018	0.0010	6.35E+06	0.943
2256.450	6200	0	53409	0.0047	-0.0018	0.0010	6.31E+06	0.947

2257.450	6200	0	53482	0.0047	-0.0019	0.0010	6.34E+06	0.952
2258.450	6199	0	53519	0.0047	-0.0019	0.0010	6.32E+06	0.956
2259.450	6198	0	53482	0.0047	-0.0019	0.0010	6.31E+06	0.956
2260.450	6201	0	53482	0.0047	-0.0019	0.0010	6.25E+06	0.953
2261.450	6199	0	53555	0.0047	-0.0019	0.0010	6.34E+06	0.964
2262.450	6199	0	53592	0.0047	-0.0019	0.0010	6.36E+06	0.964
2263.450	6199	0	53628	0.0047	-0.0019	0.0010	6.39E+06	0.967
2264.450	6199	0	53665	0.0047	-0.0019	0.0010	6.45E+06	0.972
2265.450	6200	0	53738	0.0047	-0.0019	0.0010	6.49E+06	0.981
2266.450	6200	0	53702	0.0047	-0.0019	0.0010	6.51E+06	0.990
2267.450	6199	0	53702	0.0047	-0.0019	0.0009	6.54E+06	0.996
2268.450	6203	0	53738	0.0047	-0.0019	0.0009	6.56E+06	0.998
2269.450	6198	0	53775	0.0047	-0.0019	0.0009	6.57E+06	1.006
2270.450	6200	0	53884	0.0048	-0.0019	0.0009	6.57E+06	1.010
2271.450	6200	0	53811	0.0048	-0.0019	0.0009	6.62E+06	1.017
2272.450	6201	0	53848	0.0048	-0.0019	0.0009	6.59E+06	1.021
2273.450	6199	0	53811	0.0048	-0.0019	0.0009	6.57E+06	1.017
2274.450	6200	0	53848	0.0048	-0.0019	0.0009	6.56E+06	1.023
2275.450	6201	0	53921	0.0048	-0.0019	0.0009	6.53E+06	1.027
2276.450	6200	0	53958	0.0048	-0.0019	0.0009	6.58E+06	1.029
2277.450	6200	0	54031	0.0048	-0.0019	0.0009	6.59E+06	1.031
2278.450	6199	0	53994	0.0048	-0.0019	0.0009	6.58E+06	1.037
2279.450	6201	0	54067	0.0048	-0.0019	0.0009	6.56E+06	1.040
2280.440	6199	0	54067	0.0048	-0.0019	0.0009	6.49E+06	1.041
2281.440	6201	0	54067	0.0048	-0.0019	0.0009	6.48E+06	1.045
2282.440	6199	0	54141	0.0048	-0.0020	0.0009	6.40E+06	1.045
2283.440	6201	0	54104	0.0048	-0.0020	0.0009	6.36E+06	1.051
2284.440	6200	0	54177	0.0048	-0.0020	0.0009	6.34E+06	1.052
2285.440	6201	0	54214	0.0048	-0.0020	0.0009	6.29E+06	1.052
2286.440	6200	0	54287	0.0048	-0.0020	0.0009	6.25E+06	1.062
2287.440	6199	0	54324	0.0048	-0.0020	0.0009	6.25E+06	1.066
2288.440	6199	0	54287	0.0048	-0.0020	0.0008	6.25E+06	1.081
2289.440	6199	0	54324	0.0048	-0.0020	0.0009	6.18E+06	1.079
2290.440	6199	0	54397	0.0048	-0.0020	0.0008	6.21E+06	1.089
2291.440	6199	0	54360	0.0048	-0.0020	0.0008	6.29E+06	1.100
2292.440	6199	0	54433	0.0048	-0.0020	0.0008	6.25E+06	1.101
2293.440	6200	0	54470	0.0048	-0.0020	0.0008	6.24E+06	1.110
2294.440	6200	0	54470	0.0048	-0.0020	0.0008	6.15E+06	1.111
2295.440	6201	0	54506	0.0049	-0.0020	0.0008	6.12E+06	1.116
2296.440	6200	0	54506	0.0049	-0.0020	0.0008	6.10E+06	1.117
2297.440	6200	0	54506	0.0049	-0.0020	0.0008	6.07E+06	1.121
2298.440	6199	0	54616	0.0049	-0.0020	0.0008	6.02E+06	1.125
2299.440	6199	0	54543	0.0049	-0.0020	0.0008	5.94E+06	1.130
2300.440	6200	0	54543	0.0049	-0.0020	0.0008	5.88E+06	1.132
2301.440	6201	0	54689	0.0049	-0.0020	0.0008	5.82E+06	1.132
2302.440	6200	0	54653	0.0049	-0.0020	0.0008	5.78E+06	1.137
2303.440	6199	0	54689	0.0049	-0.0021	0.0008	5.76E+06	1.142
2304.440	6200	0	54799	0.0049	-0.0021	0.0008	5.66E+06	1.140
2305.440	6199	0	54726	0.0049	-0.0021	0.0008	5.61E+06	1.141
2306.440	6199	0	54799	0.0049	-0.0021	0.0008	5.53E+06	1.146
2307.440	6200	0	54762	0.0049	-0.0021	0.0008	5.42E+06	1.141
2308.440	6199	0	54762	0.0049	-0.0021	0.0007	5.41E+06	1.147
2309.440	6199	0	54836	0.0049	-0.0021	0.0007	5.38E+06	1.156
2310.440	6200	0	54909	0.0049	-0.0021	0.0007	5.30E+06	1.156
2311.430	6199	0	54872	0.0049	-0.0021	0.0007	5.23E+06	1.154
2312.430	6200	0	54982	0.0049	-0.0021	0.0007	5.27E+06	1.170
2313.430	6200	0	54909	0.0049	-0.0021	0.0007	5.29E+06	1.175
2314.430	6200	0	54982	0.0049	-0.0021	0.0007	5.24E+06	1.181
2315.430	6199	0	55019	0.0049	-0.0021	0.0007	5.13E+06	1.177
2316.430	6201	0	55092	0.0049	-0.0021	0.0007	5.13E+06	1.186
2317.430	6199	0	55055	0.0049	-0.0021	0.0007	5.10E+06	1.196
2318.430	6199	0	55092	0.0050	-0.0021	0.0007	5.12E+06	1.200
2319.430	6200	0	55055	0.0050	-0.0021	0.0007	5.14E+06	1.207
2320.430	6199	0	55128	0.0050	-0.0021	0.0007	5.15E+06	1.216
2321.430	6200	0	55128	0.0050	-0.0022	0.0007	5.08E+06	1.209
2322.430	6199	0	55202	0.0050	-0.0022	0.0007	5.06E+06	1.217
2323.430	6200	0	55165	0.0050	-0.0022	0.0006	5.03E+06	1.222
2324.430	6199	0	55202	0.0050	-0.0022	0.0007	4.99E+06	1.223
2325.430	6199	0	55275	0.0050	-0.0022	0.0006	4.93E+06	1.222
2326.430	6200	0	55275	0.0050	-0.0022	0.0006	4.87E+06	1.227
2327.430	6199	0	55275	0.0050	-0.0022	0.0006	4.88E+06	1.232
2328.430	6200	0	55311	0.0050	-0.0022	0.0006	4.85E+06	1.236
2329.430	6200	0	55275	0.0050	-0.0022	0.0006	4.81E+06	1.236
2330.430	6200	0	55311	0.0050	-0.0022	0.0006	4.81E+06	1.235
2331.430	6198	0	55275	0.0050	-0.0022	0.0006	4.78E+06	1.238
2332.430	6200	0	55348	0.0050	-0.0022	0.0006	4.77E+06	1.235
2333.430	6199	0	55421	0.0050	-0.0022	0.0006	4.74E+06	1.236
2334.430	6201	0	55421	0.0050	-0.0022	0.0006	4.69E+06	1.241
2335.430	6200	0	55384	0.0050	-0.0022	0.0006	4.72E+06	1.252

2336.430	6198	0	55421	0.0050	-0.0022	0.0006	4.69E+06	1.259
2337.430	6199	0	55458	0.0050	-0.0022	0.0005	4.65E+06	1.264
2338.430	6199	0	55531	0.0050	-0.0022	0.0006	4.72E+06	1.281
2339.430	6199	0	55494	0.0051	-0.0022	0.0006	4.70E+06	1.288
2340.430	6200	0	55458	0.0051	-0.0023	0.0006	4.69E+06	1.291
2341.430	6200	0	55531	0.0051	-0.0023	0.0005	4.74E+06	1.302
2342.420	6200	0	55531	0.0050	-0.0023	0.0005	4.86E+06	1.318
2343.420	6203	0	55640	0.0051	-0.0023	0.0005	4.86E+06	1.324
2344.420	6202	0	55640	0.0051	-0.0023	0.0005	4.90E+06	1.335
2345.420	6199	0	55677	0.0051	-0.0023	0.0005	4.86E+06	1.334
2346.420	6200	0	55640	0.0051	-0.0023	0.0005	4.85E+06	1.336
2347.420	6200	0	55640	0.0051	-0.0023	0.0005	4.83E+06	1.332
2348.420	6203	0	55714	0.0051	-0.0023	0.0005	4.77E+06	1.333
2349.420	6200	0	55640	0.0051	-0.0023	0.0005	4.75E+06	1.341
2350.420	6202	0	55750	0.0051	-0.0023	0.0005	4.71E+06	1.344
2351.420	6198	0	55750	0.0051	-0.0023	0.0005	4.73E+06	1.350
2352.420	6201	0	55750	0.0051	-0.0023	0.0005	4.72E+06	1.357
2353.420	6199	0	55787	0.0051	-0.0023	0.0005	4.72E+06	1.360
2354.420	6201	0	55787	0.0051	-0.0023	0.0004	4.64E+06	1.357
2355.420	6200	0	55823	0.0051	-0.0023	0.0004	4.49E+06	1.354
2356.420	6199	0	55823	0.0051	-0.0023	0.0004	4.41E+06	1.354
2357.420	6202	0	55896	0.0051	-0.0023	0.0004	4.29E+06	1.356
2358.420	6202	0	55896	0.0051	-0.0024	0.0004	4.20E+06	1.357
2359.420	6199	0	55896	0.0051	-0.0024	0.0004	4.14E+06	1.365
2360.420	6200	0	55970	0.0051	-0.0024	0.0004	4.10E+06	1.377
2361.420	6199	0	55860	0.0051	-0.0024	0.0004	4.06E+06	1.388
2362.420	6200	0	55933	0.0051	-0.0024	0.0004	4.00E+06	1.394
2363.420	6201	0	55970	0.0051	-0.0024	0.0004	4.00E+06	1.412
2364.420	6200	0	56006	0.0051	-0.0024	0.0004	3.95E+06	1.420
2365.420	6202	0	56006	0.0052	-0.0024	0.0004	3.82E+06	1.419
2366.420	6199	0	56079	0.0052	-0.0024	0.0004	3.69E+06	1.417
2367.420	6200	0	56153	0.0051	-0.0024	0.0003	3.59E+06	1.427
2368.420	6200	0	56079	0.0052	-0.0024	0.0003	3.50E+06	1.436
2369.420	6199	0	56116	0.0052	-0.0024	0.0003	3.46E+06	1.444
2370.420	6199	0	56153	0.0052	-0.0024	0.0003	3.42E+06	1.461
2371.420	6198	0	56153	0.0052	-0.0024	0.0003	3.33E+06	1.466
2372.420	6199	0	56226	0.0052	-0.0024	0.0003	3.25E+06	1.468
2373.410	6199	0	56116	0.0052	-0.0025	0.0003	3.19E+06	1.485
2374.410	6199	0	56189	0.0052	-0.0025	0.0003	3.14E+06	1.497
2375.410	6199	0	56226	0.0052	-0.0025	0.0003	3.01E+06	1.496
2376.410	6199	0	56262	0.0052	-0.0025	0.0002	2.95E+06	1.498
2377.410	6200	0	56262	0.0052	-0.0025	0.0002	2.87E+06	1.503
2378.410	6200	0	56335	0.0052	-0.0025	0.0002	2.78E+06	1.515
2379.410	6199	0	56262	0.0052	-0.0025	0.0002	2.75E+06	1.536
2380.410	6201	0	56226	0.0052	-0.0025	0.0002	2.64E+06	1.543
2381.410	6199	0	56299	0.0052	-0.0025	0.0002	2.56E+06	1.554
2382.410	6200	0	56299	0.0053	-0.0025	0.0002	2.48E+06	1.568
2383.410	6199	0	56335	0.0053	-0.0025	0.0002	2.39E+06	1.577
2384.410	6199	0	56299	0.0053	-0.0025	0.0002	2.28E+06	1.589
2385.410	6200	0	56335	0.0053	-0.0026	0.0001	2.23E+06	1.608
2386.410	6200	0	56445	0.0053	-0.0026	0.0001	2.18E+06	1.619
2387.410	6201	0	56409	0.0053	-0.0026	0.0001	2.05E+06	1.636
2388.410	6200	0	56482	0.0053	-0.0026	0.0001	1.94E+06	1.646
2389.410	6198	0	56409	0.0053	-0.0026	0.0001	1.82E+06	1.670
2390.410	6199	0	56372	0.0053	-0.0026	0.0001	1.74E+06	1.683
2391.410	6199	0	56409	0.0053	-0.0026	0.0001	1.66E+06	1.703
2392.410	6200	0	56409	0.0053	-0.0026	0.0001	1.59E+06	1.717
2393.410	6200	0	56445	0.0053	-0.0026	0.0001	1.55E+06	1.735
2394.410	6199	0	56482	0.0053	-0.0026	0.0000	1.47E+06	1.747
2395.410	6199	0	56482	0.0053	-0.0026	0.0000	1.42E+06	1.775
2396.410	6200	0	56409	0.0053	-0.0027	0.0000	1.35E+06	1.787
2397.410	6199	0	56482	0.0053	-0.0027	0.0000	1.27E+06	1.805
2398.410	6200	0	56482	0.0053	-0.0027	0.0000	1.23E+06	1.809
2399.410	6200	0	56518	0.0053	-0.0027	0.0000	1.13E+06	1.823
2400.410	6201	0	56482	0.0054	-0.0027	0.0000	1.11E+06	1.841
2401.410	6199	0	56555	0.0054	-0.0027	0.0000	1.06E+06	1.865
2402.410	6201	0	56518	0.0054	-0.0027	-0.0001	9.60E+05	1.888
2403.410	6201	0	56482	0.0054	-0.0027	-0.0001	8.60E+05	1.913
2404.410	6201	0	56555	0.0053	-0.0027	-0.0001	7.86E+05	1.935
2405.400	6199	0	56482	0.0054	-0.0027	-0.0001	6.09E+05	1.949
2406.400	6200	0	56518	0.0054	-0.0027	-0.0001	-1.36E+05	2.073
2407.400	6199	0	56518	0.0054	-0.0028	-0.0001	-3.90E+06	2.563
2408.400	6199	0	56445	0.0054	-0.0028	-0.0002	-8.84E+06	2.745
2409.400	6201	0	56445	0.0054	-0.0028	-0.0002	-1.19E+07	2.919
2410.400	6202	0	56555	0.0054	-0.0028	-0.0002	-1.40E+07	3.034
2411.400	6199	0	56555	0.0054	-0.0028	-0.0002	-1.57E+07	3.129
2412.400	6200	0	56482	0.0054	-0.0028	-0.0002	-1.70E+07	3.207
2413.400	6200	0	56482	0.0054	-0.0028	-0.0002	-1.81E+07	3.272
2414.400	6199	0	56445	0.0054	-0.0028	-0.0002	-1.90E+07	3.320

					2415.400	6200	0	56518	0.0054	-0.0028	-0.0003	-1.98E+07	3.373
					2416.400	6200	0	56518	0.0054	-0.0028	-0.0003	-2.03E+07	3.409
					2417.400	6199	0	56518	0.0054	-0.0029	-0.0003	-2.06E+07	3.452
					2418.400	6199	0	56518	0.0054	-0.0029	-0.0003	-2.09E+07	3.503
					2419.400	6200	0	56518	0.0054	-0.0029	-0.0003	-2.10E+07	3.549
					2420.400	6199	0	56555	0.0054	-0.0029	-0.0003	-2.11E+07	3.600
					2421.400	6199	0	56518	0.0054	-0.0029	-0.0003	-2.12E+07	3.657
					2422.400	6200	0	56482	0.0054	-0.0029	-0.0004	-2.11E+07	3.703
					2423.400	6199	0	56555	0.0055	-0.0029	-0.0004	-2.10E+07	3.744
					2424.400	6200	0	56518	0.0055	-0.0029	-0.0004	-2.13E+07	3.765
					2425.400	6200	0	56628	0.0055	-0.0029	-0.0004	-2.15E+07	3.780
					2426.400	6200	0	56555	0.0055	-0.0030	-0.0005	-2.16E+07	3.789
					2427.400	6198	0	56445	0.0055	-0.0030	-0.0005	-2.18E+07	3.799
					2428.400	6199	0	56445	0.0055	-0.0030	-0.0005	-2.19E+07	3.809
					2429.400	6201	0	56445	0.0055	-0.0030	-0.0006	-2.21E+07	3.825
					2430.400	6199	0	56335	0.0055	-0.0031	-0.0006	-2.24E+07	3.851
					2431.400	6201	0	55640	0.0056	-0.0034	-0.0012	-2.25E+07	3.861
					2432.400	6198	0	52129	0.0058	-0.0043	-0.0028	-2.27E+07	3.874
					2433.400	6199	0	46971	0.0059	-0.0044	-0.0029	-2.29E+07	3.890
					2434.400	6199	0	46056	0.0058	-0.0044	-0.0029	-2.31E+07	3.907
					2435.400	6200	0	45837	0.0058	-0.0044	-0.0029	-2.33E+07	3.921
					2436.390	6199	0	45690	0.0058	-0.0044	-0.0029	-2.36E+07	3.948
					2437.390	6202	0	45544	0.0058	-0.0044	-0.0030	-2.38E+07	3.957
					2438.390	6200	0	45507	0.0058	-0.0044	-0.0030	-2.40E+07	3.972
					2439.390	6199	0	45434	0.0058	-0.0044	-0.0030	-2.42E+07	3.982
					2440.390	6199	0	45507	0.0058	-0.0044	-0.0030	-2.44E+07	3.995
					2441.390	6201	0	46056	0.0058	-0.0044	-0.0030	-2.46E+07	4.008
					2442.390	6201	0	46788	0.0058	-0.0044	-0.0030	-2.49E+07	4.031
					2443.390	6199	0	47666	0.0058	-0.0044	-0.0031	-2.51E+07	4.039
					2444.390	6201	0	48434	0.0058	-0.0044	-0.0031	-2.53E+07	4.042
					2445.390	6200	0	49129	0.0058	-0.0045	-0.0032	-2.55E+07	4.048
					2446.390	6199	0	49568	0.0058	-0.0045	-0.0032	-2.58E+07	4.069
					2447.390	6199	0	49678	0.0058	-0.0046	-0.0033	-2.60E+07	4.076
					2448.250	6199	0	49165	0.0058	-0.0046	-0.0034	-2.64E+07	4.098