

25BA_HW_018 (Stage 1)									25BA_HW_018 (Stage 2)									25BA_HW_018 (Stage 3)									25BA_HW_018 (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]	[-]
2556.390	1201	0	0	0.0000	0.0000	0.0000			1945.880	2199	0	0	0.0000	0.0000	0.0000			1169.790	4202	0	0	0.0000	0.0000	0.0000			2613.630	6200	0	0	0.0000	0.0000	0.0000		
2557.390	1202	0	0	0.0000	0.0000	0.0000			1946.880	2201	0	31	0.0000	0.0000	0.0000			1170.790	4200	0	-31	0.0000	0.0000	0.0000			2614.630	6200	0	31	0.0000	0.0000	0.0000		
2558.390	1202	0	0	0.0000	0.0000	0.0000			1947.880	2199	0	16	0.0000	0.0000	0.0000			1171.790	4200	0	78	0.0000	0.0000	0.0000			2615.630	6203	0	93	0.0000	0.0000	0.0000		
2559.390	1200	0	16	0.0000	0.0000	0.0000			1948.880	2201	0	16	0.0000	0.0000	0.0000			1172.790	4201	0	513	0.0001	0.0000	0.0000			2616.630	6200	0	466	0.0001	0.0000	0.0000		
2560.390	1202	0	0	0.0000	0.0000	0.0000			1949.880	2201	0	31	0.0000	0.0000	0.0000			1173.790	4201	0	855	0.0001	0.0000	0.0001			2617.630	6199	0	871	0.0001	0.0000	0.0001		
2561.390	1201	0	-16	0.0000	0.0000	0.0000			1950.880	2200	0	31	0.0000	0.0000	0.0000			1174.790	4200	0	917	0.0002	0.0000	0.0001			2618.630	6201	0	1026	0.0002	0.0000	0.0001		
2562.390	1200	0	-16	0.0000	0.0000	0.0000			1951.880	2201	0	31	0.0000	0.0000	0.0000			1175.790	4199	0	902	0.0002	0.0000	0.0001			2619.630	6199	0	1073	0.0002	0.0000	0.0001		
2563.390	1201	0	-16	0.0000	0.0000	0.0000			1952.880	2201	0	47	0.0000	0.0000	0.0000			1176.790	4199	0	886	0.0002	0.0000	0.0001			2620.630	6201	0	948	0.0002	0.0000	0.0001		
2564.390	1201	0	0	0.0000	0.0000	0.0000			1953.880	2200	0	47	0.0000	0.0000	0.0000			1177.790	4201	0	777	0.0002	0.0000	0.0001			2621.630	6200	0	964	0.0002	0.0000	0.0001		
2565.390	1200	0	0	0.0000	0.0000	0.0000			1954.880	2200	0	31	0.0000	0.0000	0.0000			1178.790	4201	0	839	0.0002	0.0000	0.0001			2622.630	6200	0	1041	0.0002	0.0000	0.0001		
2566.390	1202	0	0	0.0000	0.0000	0.0000			1955.880	2200	0	31	0.0000	0.0000	0.0000			1179.790	4200	0	948	0.0002	0.0000	0.0001			2623.630	6200	0	1088	0.0002	0.0000	0.0001		
2567.390	1200	0	-16	0.0000	0.0000	0.0000			1956.880	2200	0	31	0.0000	0.0000	0.0000			1180.790	4201	0	979	0.0002	0.0000	0.0001			2624.630	6199	0	1073	0.0002	0.0000	0.0001		
2568.390	1201	0	0	0.0000	0.0000	0.0000			1957.880	2200	0	62	0.0000	0.0000	0.0000			1181.790	4200	0	1010	0.0002	0.0000	0.0001			2625.630	6200	0	1104	0.0002	0.0000	0.0001		
2569.390	1200	0	-16	0.0000	0.0000	0.0000			1958.880	2201	0	47	0.0000	0.0000	0.0000			1182.790	4199	0	1010	0.0002	0.0000	0.0001			2626.630	6200	0	1026	0.0002	0.0000	0.0002		
2570.390	1201	0	0	0.0000	0.0000	0.0000			1959.880	2201	0	62	0.0000	0.0000	0.0000			1183.790	4200	0	948	0.0002	0.0000	0.0001			2627.630	6200	0	1119	0.0002	0.0000	0.0002		
2571.390	1202	0	-16	0.0000	0.0000	0.0000			1960.880	2201	0	62	0.0000	0.0000	0.0000			1184.790	4201	0	1041	0.0002	0.0000	0.0001			2628.630	6200	0	1135	0.0002	0.0000	0.0002		
2572.390	1201	0	0	0.0000	0.0000	0.0000			1961.880	2201	0	47	0.0000	0.0000	0.0000			1185.790	4198	0	1119	0.0002	0.0000	0.0001			2629.630	6199	0	1197	0.0002	0.0000	0.0002		
2573.390	1199	0	-31	0.0000	0.0000	0.0000			1962.880	2201	0	62	0.0000	0.0000	0.0000			1186.790	4201	0	1104	0.0002	0.0000	0.0001			2630.630	6199	0	1212	0.0002	0.0000	0.0002		
2574.390	1200	0	-31	0.0000	0.0000	0.0000			1963.880	2199	0	62	0.0000	0.0000	0.0000			1187.790	4199	0	1150	0.0002	0.0000	0.0002			2631.630	6200	0	1259	0.0002	0.0000	0.0002		
2575.390	1199	0	-16	0.0000	0.0000	0.0000			1964.880	2201	0	78	0.0000	0.0000	0.0000			1188.790	4198	0	1181	0.0002	0.0000	0.0002			2632.630	6200	0	1181	0.0002	0.0000	0.0002		
2576.390	1200	0	0	0.0000	0.0000	0.0000			1965.880	2200	0	62	0.0000	0.0000	0.0000			1189.790	4200	0	1088	0.0002	0.0000	0.0002			2633.630	6200	0	1259	0.0002	0.0000	0.0002		
2577.390	1200	0	-16	0.0000	0.0000	0.0000			1966.880	2201	0	62	0.0000	0.0000	0.0000			1190.790	4201	0	1181	0.0002	0.0000	0.0002			2634.630	6201	0	1306	0.0002	0.0000	0.0002		
2578.390	1199	0	-31	0.0000	0.0000	0.0000			1967.880	2198	0	78	0.0000	0.0000	0.0000			1191.790	4201	0	1259	0.0002	0.0000	0.0002			2635.630	6199	0</						

2628.370	1201	0	31	0.0000	0.0000	0.0000	7.02E+05	0.047	2017.860	2200	0	155	0.0001	0.0000	0.0000	2.57E+06	0.053	1241.770	4201	0	2394	0.0005	-0.0001	0.0003	5.13E+06	0.160	2685.610	6200	0	2767	0.0005	-0.0001	0.0003	6.55E+06	0.170
2629.370	1201	0	47	0.0000	0.0000	0.0000	7.03E+05	0.051	2018.860	2201	0	140	0.0001	0.0000	0.0001	2.53E+06	0.050	1242.770	4201	0	2409	0.0005	-0.0001	0.0003	5.07E+06	0.161	2686.610	6200	0	2814	0.0005	-0.0001	0.0003	6.54E+06	0.171
2630.370	1200	0	47	0.0000	0.0000	0.0000	6.85E+05	0.053	2019.860	2199	0	171	0.0001	0.0000	0.0001	2.51E+06	0.057	1243.770	4199	0	2378	0.0005	-0.0001	0.0004	5.08E+06	0.163	2687.610	6201	0	2829	0.0005	-0.0001	0.0003	6.56E+06	0.175
2631.370	1201	0	31	0.0000	0.0000	0.0000	6.29E+05	0.046	2020.860	2201	0	171	0.0001	0.0000	0.0000	2.37E+06	0.063	1244.770	4201	0	2394	0.0005	-0.0001	0.0003	5.15E+06	0.162	2688.610	6201	0	2891	0.0005	-0.0001	0.0003	6.57E+06	0.175
2632.370	1200	0	31	0.0000	0.0000	0.0000	6.13E+05	0.039	2021.860	2201	0	187	0.0001	0.0000	0.0001	2.21E+06	0.061	1245.770	4199	0	2518	0.0005	-0.0001	0.0003	5.13E+06	0.163	2689.610	6199	0	2907	0.0005	-0.0001	0.0003	6.57E+06	0.177
2633.370	1199	0	16	0.0000	0.0000	0.0000	6.71E+05	0.030	2022.860	2201	0	171	0.0001	0.0000	0.0001	2.02E+06	0.060	1246.770	4198	0	2534	0.0005	-0.0001	0.0003	5.11E+06	0.163	2690.610	6201	0	2922	0.0005	-0.0001	0.0003	6.57E+06	0.176
2634.370	1200	0	62	0.0000	0.0000	0.0000	6.01E+05	0.034	2023.860	2201	0	171	0.0001	0.0000	0.0001	1.83E+06	0.059	1247.770	4200	0	2549	0.0005	-0.0001	0.0004	5.16E+06	0.163	2691.610	6199	0	2985	0.0005	-0.0001	0.0003	6.57E+06	0.173
2635.370	1201	0	16	0.0000	0.0000	0.0000	5.86E+05	0.036	2024.860	2201	0	155	0.0001	0.0000	0.0001	1.66E+06	0.061	1248.770	4200	0	2596	0.0005	-0.0001	0.0004	5.16E+06	0.166	2692.610	6199	0	2985	0.0005	-0.0001	0.0004	6.53E+06	0.172
2636.370	1200	0	16	0.0001	0.0000	0.0000	5.62E+05	0.037	2025.860	2201	0	171	0.0001	0.0000	0.0001	1.50E+06	0.062	1249.770	4201	0	2518	0.0005	-0.0001	0.0004	5.16E+06	0.165	2693.610	6199	0	3016	0.0005	-0.0001	0.0004	6.60E+06	0.175
2637.370	1200	0	31	0.0001	0.0000	0.0000	4.50E+05	0.017	2026.040	2200	0	155	0.0001	0.0000	0.0001	1.37E+06	0.060	1250.770	4201	0	2472	0.0005	-0.0001	0.0004	5.22E+06	0.165	2694.610	6199	0	3047	0.0005	-0.0001	0.0004	6.59E+06	0.179
2638.370	1198	0	31	0.0001	0.0000	0.0000	4.69E+05	0.022	2027.040	2200	0	187	0.0001	0.0000	0.0001	1.25E+06	0.057	1251.770	4201	0	2658	0.0005	-0.0001	0.0004	5.20E+06	0.166	2695.610	6200	0	3062	0.0005	-0.0001	0.0004	6.54E+06	0.179
2639.370	1199	0	31	0.0001	0.0000	0.0000	4.21E+05	0.023	2028.040	2201	0	171	0.0001	0.0000	0.0001	1.15E+06	0.058	1252.770	4200	0	2689	0.0005	-0.0001	0.0004	5.21E+06	0.167	2696.610	6200	0	3093	0.0005	-0.0001	0.0004	6.56E+06	0.183
2640.370	1200	0	31	0.0001	0.0000	0.0000	3.90E+05	0.028	2029.040	2199	0	171	0.0001	0.0000	0.0001	1.08E+06	0.057	1253.770	4199	0	2720	0.0005	-0.0001	0.0003	5.29E+06	0.167	2697.610	6201	0	3140	0.0005	-0.0001	0.0004	6.55E+06	0.185
2641.370	1199	0	16	0.0001	0.0000	0.0000	4.24E+05	0.034	2030.040	2201	0	202	0.0001	0.0000	0.0001	1.04E+06	0.059	1254.770	4199	0	2736	0.0005	-0.0001	0.0004	5.22E+06	0.168	2698.610	6199	0	3171	0.0005	-0.0001	0.0004	6.55E+06	0.186
2642.370	1200	0	47	0.0001	0.0000	0.0000	4.66E+05	0.040	2031.040	2199	0	202	0.0001	0.0000	0.0000	1.06E+06	0.057	1255.770	4200	0	2674	0.0006	-0.0001	0.0004	5.15E+06	0.167	2699.610	6200	0	3202	0.0005	-0.0001	0.0004	6.58E+06	0.186
2643.370	1199	0	31	0.0001	0.0000	0.0000	4.93E+05	0.044	2032.040	2201	0	218	0.0001	0.0000	0.0001	1.14E+06	0.057	1256.770	4200	0	2674	0.0005	-0.0001	0.0004	5.20E+06	0.168	2700.610	6199	0	3233	0.0005	-0.0001	0.0004	6.61E+06	0.186
2644.370	1200	0	16	0.0001	0.0000	0.0001	4.53E+05	0.043	2033.040	2200	0	202	0.0001	0.0000	0.0001	1.21E+06	0.057	1257.770	4199	0	2798	0.0005	-0.0001	0.0004	5.18E+06	0.169	2701.610	6199	0	3218	0.0005	-0.0001	0.0004	6.59E+06	0.186
2645.370	1200	0	31	0.0001	0.0000	0.0000	4.03E+05	0.045	2034.040	2201	0	202	0.0001	0.0000	0.0001	1.31E+06	0.058	1258.770	4199	0	2829	0.0006	-0.0001	0.0004	5.21E+06	0.169	2702.610	6201	0	3280	0.0005	-0.0001	0.0004	6.59E+06	0.185
2646.360	1200	0	47	0.0001	0.0000	0.0001	3.39E+05	0.045	2035.040	2198	0	202	0.0001	0.0000	0.0001	1.42E+06	0.060	1259.770	4200	0	2891	0.0006	-0.0001	0.0004	5.27E+06	0.169	2703.610	6200	0	3311	0.0005	-0.0001	0.0004	6.64E+06	0.186
2647.360	1201	0	31	0.0001	0.0000	0.0001	2.91E+05	0.047	2036.030	2202	0	233	0.0001	0.0000	0.0001	1.54E+06	0.062	1260.760	4200	0	2922	0.0006	-0.0001	0.0004	5.27E+06	0.170	2704.600	6200	0	3358	0.0005	-0.0001	0.0004	6.63E+06	0.185
2648.360	1200	0	47	0.0001	0.0000	0.0001	2.77E+05	0.050	2037.030	2201	0	218	0.0001	0.0000	0.0001	1.64E+06	0.064	1261.760	4200	0	2860	0.0006	-0.0001	0.0004	5.26E+06	0.169	2705.600	6199	0	3389	0.0006	-0.0001	0.0004	6.62E+06	0.186
2649.360	1201	0	31	0.0001	0.0000	0.0001	2.94E+05	0.049	2038.030	2201	0	280	0.0001	0.0000	0.0001	1.74E+06	0.064	1262.760	4200	0	2814	0.0006	-0.0001	0.0004	5.30E+06	0.169	2706.600	6199	0	3404	0.0006	-0.0001	0.0004	6.62E+06	0.186
2650.360	1201	0	47	0.0001	0.0000	0.0000	3.68E+05	0.038	2039.030	2201	0	373	0.0002	0.0000	0.0001	1.83E+06	0.065	1263.760	4200	0	2969	0.0006	-0.0001	0.0004	5.29E+06	0.169	2707.600	6200	0	3404	0.0006	-0.0001	0.0004	6.60E+06	0.182
2651.360	1200	0	47	0.0001	0.0000	0.0001	4.20E+05	0.039	2040.030	2200	0	497	0.0002	0.0000	0.0002	1.91E+06	0.065	1264.760	4198	0	3016	0.0006	-0.0001	0.0004	5.30E+06	0.170	2708.600	6199	0	3435	0.0006	-0.0001	0.0004	6.62E+06	0.180
2652.360	1201	0	31	0.0001	0.0000	0.0000	4.89E+05	0.039	2041.030	2201	0	560	0.0002	0.0000	0.0002	1.99E+06	0.065	1265.760	4199	0	3047	0.0006	-0.0001	0.0004	5.34E+06	0.172	2709.600	6199	0	3482	0.0006	-0.0001	0.0004	6.67E+06	0.180
2653.360	1201	0	47	0.0001	0.0000	0.0001	4.62E+05	0.033	2042.030	2201	0	591	0.0002	0.0000	0.0002	2.06E+06	0.066	1266.760	4200	0	3062	0.0006	-0.0001	0.0004	5.34E+06	0.173	2710.600	6198	0	3513	0.0006	-0.0001	0.0004	6.72E+06	0.181
2654.360	1199	0	31	0.0001	0.0000	0.0000	5.18E+05	0.050	2043.030	2201	0	591	0.0002	0.0000	0.0002	2.12E+06	0.069	1267.760	4200	0	2985	0.0006	-0.0001	0.0004	5.26E+06	0.173	2711.600	6199	0	3529	0.0006	-0.0001	0.0004	6.76E+06	0.183
2655.360	1201	0	47	0.0001	0.0000	0.0000	6.01E+05	0.044	2044.030	2200	0	591	0.0002	0.0000	0.0002	2.17E+06	0.070	1268.760	4200	0	2938	0.0006	-0.0001	0.0004	5.30E+06	0.171	2712.600	6199	0	3591	0.0006	-0.0001	0.0004	6.78E+06	0.183
2656.360	1199	0	16	0.0001	0.0000	0.0001	6.45E+05	0.050	2045.030	2200	0	482	0.0002	0.0000	0.0002	2.18E+06	0.071	1269.760	4199	0	3124	0.0006	-0.0001	0.0004	5.30E+06	0.171	2713.600	6200	0	3606	0.0006	-0.0001	0.0004	6.78E+06	0.182
2657.360	1200	0	47	0.0001	0.0000	0.0001	6.49E+05	0.052	2046.030	2200	0	373	0.0002	0.0000	0.0002	2.22E+06	0.073	1270.760	4202	0	3155	0.0006	-0.0001	0.0004	5.36E+06	0.172	2714.600	6200	0	3653	0.0006	-0.0001	0.0004	6.79E+06	0.181
2658.360	1199	0	62	0.0001	0.0000	0.0001	6.59E+05	0.048	2047.030	2200	0	295	0.0002	0.0000	0.0002	2.26E+06	0.074	1271.760	4200	0	3187	0.0006	-0.0001	0.0004	5.47E+06	0.172	2715.600	6200	0	3668	0.0006	-0.0001	0.0004	6.77E+06	0.177
2659.360	1202	0	31	0.0001	0.0000	0.0001	6.21E+05	0.055	2048.030	2200	0	249	0.0002	0.0000	0.0002	2.29E+06	0.076	1272.760	4200	0	3218	0.0006	-0.0001	0.0004	5.43E+06	0.172	2716.600	6199	0	3700	0.0006	-0.0001	0.0004	6.75E+06	0.177
2660.360	1200	0	31	0.0001	0.0000	0.0001	6.92E+05	0.055	2049.030	2201	0	187	0.0002	0.0000	0.0002	2.32E+06	0.077	1273.760	4200	0	3155	0.0006	-0.0001	0.0004	5.34E+06	0.172	2717.600	6199	0	3715	0.0006	-0.0001	0.0004	6.81E+06	0.175
2661.360	1200	0	47	0.0001																															

2704.350	1201	0	62	0.0001	0.0000	0.0001	1.38E+06	0.022	2093.020	2200	0	1088	0.0004	0.0000	0.0004	3.20E+06	0.117	1317.750	4201	0	4461	0.0008	-0.0001	0.0006	6.12E+06	0.211	2761.590	6200	0	5161	0.0008	-0.0001	0.0005	7.12E+06	0.203
2705.350	1200	0	93	0.0001	0.0000	0.0001	1.39E+06	0.018	2094.020	2199	0	1104	0.0004	0.0000	0.0003	3.19E+06	0.117	1318.750	4198	0	4570	0.0008	-0.0001	0.0006	6.10E+06	0.213	2762.590	6199	0	5176	0.0008	-0.0001	0.0006	7.17E+06	0.203
2706.350	1198	0	78	0.0001	0.0000	0.0001	1.36E+06	0.014	2095.020	2201	0	1166	0.0004	0.0000	0.0004	3.20E+06	0.117	1319.750	4198	0	4586	0.0009	-0.0001	0.0006	6.18E+06	0.213	2763.590	6201	0	5207	0.0008	-0.0001	0.0005	7.19E+06	0.202
2707.350	1199	0	78	0.0001	0.0000	0.0001	1.35E+06	0.017	2096.020	2199	0	1150	0.0004	0.0000	0.0004	3.17E+06	0.117	1320.750	4201	0	4617	0.0009	-0.0001	0.0006	6.16E+06	0.213	2764.590	6199	0	5223	0.0008	-0.0001	0.0006	7.19E+06	0.204
2708.350	1199	0	93	0.0001	0.0000	0.0001	1.36E+06	0.015	2097.020	2201	0	1166	0.0004	0.0000	0.0004	3.16E+06	0.118	1321.750	4201	0	4539	0.0009	-0.0001	0.0006	6.17E+06	0.214	2765.590	6201	0	5270	0.0008	-0.0001	0.0006	7.20E+06	0.202
2709.340	1200	0	124	0.0001	0.0000	0.0001	1.35E+06	0.014	2098.010	2201	0	1181	0.0004	0.0000	0.0004	3.14E+06	0.118	1322.740	4200	0	4430	0.0009	-0.0001	0.0006	6.24E+06	0.217	2766.590	6200	0	5301	0.0008	-0.0001	0.0006	7.15E+06	0.194
2710.340	1199	0	93	0.0001	0.0000	0.0001	1.34E+06	0.013	2099.010	2201	0	1181	0.0005	0.0000	0.0004	3.12E+06	0.118	1323.740	4200	0	4570	0.0009	-0.0001	0.0006	6.24E+06	0.216	2767.580	6199	0	5332	0.0008	-0.0001	0.0006	7.13E+06	0.196
2711.340	1200	0	62	0.0001	0.0000	0.0001	1.32E+06	0.014	2100.010	2199	0	1197	0.0005	0.0000	0.0004	3.11E+06	0.117	1324.740	4200	0	4710	0.0009	-0.0001	0.0006	6.20E+06	0.216	2768.580	6199	0	5332	0.0008	-0.0001	0.0006	7.19E+06	0.195
2712.340	1200	0	93	0.0001	0.0000	0.0001	1.31E+06	0.014	2101.010	2200	0	1228	0.0005	0.0000	0.0004	3.09E+06	0.118	1325.740	4200	0	4772	0.0009	-0.0001	0.0006	6.28E+06	0.217	2769.580	6201	0	5378	0.0008	-0.0001	0.0006	7.23E+06	0.194
2713.340	1201	0	93	0.0001	0.0000	0.0001	1.30E+06	0.015	2102.010	2200	0	1244	0.0005	0.0000	0.0004	3.05E+06	0.119	1326.740	4198	0	4819	0.0009	-0.0002	0.0006	6.28E+06	0.217	2770.580	6201	0	5440	0.0008	-0.0001	0.0006	7.30E+06	0.194
2714.340	1200	0	93	0.0001	0.0000	0.0001	1.30E+06	0.017	2103.010	2201	0	1259	0.0005	0.0000	0.0004	3.06E+06	0.119	1327.740	4200	0	4725	0.0009	-0.0002	0.0006	6.23E+06	0.215	2771.580	6200	0	5456	0.0008	-0.0001	0.0006	7.29E+06	0.195
2715.340	1199	0	78	0.0001	0.0000	0.0001	1.30E+06	0.017	2104.010	2200	0	1290	0.0005	0.0000	0.0004	3.03E+06	0.121	1328.740	4201	0	4679	0.0009	-0.0002	0.0006	6.26E+06	0.216	2772.580	6199	0	5472	0.0008	-0.0001	0.0006	7.33E+06	0.195
2716.340	1199	0	78	0.0001	0.0000	0.0001	1.30E+06	0.017	2105.010	2200	0	1290	0.0005	0.0000	0.0004	3.02E+06	0.119	1329.740	4200	0	4803	0.0009	-0.0001	0.0006	6.33E+06	0.217	2773.580	6199	0	5518	0.0009	-0.0001	0.0006	7.36E+06	0.195
2717.340	1201	0	109	0.0001	0.0000	0.0001	1.30E+06	0.017	2106.010	2200	0	1290	0.0005	0.0000	0.0004	3.01E+06	0.118	1330.740	4199	0	4912	0.0009	-0.0002	0.0006	6.31E+06	0.218	2774.580	6200	0	5549	0.0009	-0.0001	0.0006	7.39E+06	0.195
2718.340	1200	0	93	0.0001	0.0000	0.0001	1.29E+06	0.018	2107.010	2201	0	1306	0.0005	0.0000	0.0004	3.00E+06	0.120	1331.740	4201	0	4959	0.0009	-0.0002	0.0006	6.41E+06	0.216	2775.580	6199	0	5580	0.0009	-0.0001	0.0006	7.39E+06	0.197
2719.340	1200	0	93	0.0001	0.0000	0.0001	1.28E+06	0.017	2108.010	2200	0	1337	0.0005	0.0000	0.0004	3.01E+06	0.121	1332.740	4201	0	4990	0.0009	-0.0002	0.0006	6.40E+06	0.213	2776.580	6200	0	5611	0.0009	-0.0001	0.0006	7.38E+06	0.197
2720.340	1199	0	124	0.0001	0.0000	0.0001	1.28E+06	0.017	2109.010	2201	0	1352	0.0005	0.0000	0.0004	3.00E+06	0.121	1333.740	4199	0	4912	0.0009	-0.0002	0.0006	6.39E+06	0.213	2777.580	6200	0	5643	0.0009	-0.0001	0.0006	7.36E+06	0.197
2721.340	1200	0	109	0.0001	0.0000	0.0001	1.28E+06	0.018	2110.010	2201	0	1368	0.0005	0.0000	0.0004	3.01E+06	0.121	1334.740	4199	0	4881	0.0009	-0.0002	0.0006	6.42E+06	0.215	2778.580	6199	0	5705	0.0009	-0.0001	0.0006	7.37E+06	0.198
2722.340	1201	0	109	0.0001	0.0000	0.0001	1.28E+06	0.017	2111.010	2200	0	1399	0.0005	0.0000	0.0004	2.99E+06	0.119	1335.740	4197	0	5005	0.0009	-0.0002	0.0006	6.42E+06	0.212	2779.580	6199	0	5720	0.0009	-0.0001	0.0006	7.36E+06	0.197
2723.340	1200	0	78	0.0001	0.0000	0.0001	1.28E+06	0.019	2112.010	2200	0	1399	0.0005	0.0000	0.0004	2.99E+06	0.121	1336.740	4199	0	5098	0.0009	-0.0002	0.0006	6.32E+06	0.212	2780.580	6199	0	5782	0.0009	-0.0001	0.0006	7.39E+06	0.197
2724.340	1199	0	93	0.0001	0.0000	0.0001	1.29E+06	0.019	2113.010	2200	0	1430	0.0005	0.0000	0.0004	2.98E+06	0.120	1337.740	4201	0	5130	0.0009	-0.0002	0.0006	6.24E+06	0.213	2781.580	6199	0	5782	0.0009	-0.0001	0.0006	7.42E+06	0.199
2725.340	1202	0	155	0.0001	0.0000	0.0001	1.29E+06	0.018	2114.010	2200	0	1415	0.0005	0.0000	0.0004	2.99E+06	0.122	1338.740	4199	0	5176	0.0010	-0.0002	0.0006	6.20E+06	0.210	2782.580	6201	0	5814	0.0009	-0.0001	0.0006	7.37E+06	0.201
2726.340	1201	0	109	0.0001	0.0000	0.0001	1.29E+06	0.018	2115.010	2200	0	1461	0.0005	0.0000	0.0004	2.97E+06	0.120	1339.740	4201	0	5114	0.0010	-0.0002	0.0006	6.16E+06	0.212	2783.580	6200	0	5876	0.0009	-0.0001	0.0006	7.38E+06	0.203
2727.340	1201	0	187	0.0002	0.0000	0.0002	1.29E+06	0.018	2116.010	2200	0	1461	0.0005	0.0000	0.0004	2.99E+06	0.119	1340.740	4199	0	5052	0.0010	-0.0002	0.0006	6.20E+06	0.213	2784.580	6199	0	5922	0.0009	-0.0001	0.0006	7.43E+06	0.203
2727.510	1200	0	249	0.0002	0.0000	0.0002	1.29E+06	0.017	2117.010	2201	0	1477	0.0005	0.0000	0.0004	2.97E+06	0.121	1341.740	4201	0	5176	0.0010	-0.0002	0.0006	6.25E+06	0.212	2785.580	6199	0	5938	0.0009	-0.0001	0.0006	7.42E+06	0.202
2728.510	1200	0	311	0.0003	0.0000	0.0003	1.29E+06	0.017	2118.010	2199	0	1492	0.0005	0.0000	0.0004	2.95E+06	0.123	1342.740	4199	0	5301	0.0010	-0.0002	0.0006	6.26E+06	0.212	2786.580	6199	0	5969	0.0009	-0.0001	0.0006	7.42E+06	0.204
2729.510	1200	0	373	0.0003	0.0000	0.0003	1.28E+06	0.017	2119.010	2201	0	1508	0.0006	0.0000	0.0005	2.93E+06	0.122	1343.740	4199	0	5316	0.0010	-0.0002	0.0006	6.37E+06	0.213	2787.580	6201	0	6000	0.0009	-0.0001	0.0006	7.39E+06	0.202
2730.510	1200	0	373	0.0003	0.0000	0.0003	1.28E+06	0.018	2120.010	2201	0	1523	0.0006	-0.0001	0.0004	2.93E+06	0.122	1344.740	4200	0	5363	0.0010	-0.0002	0.0006	6.40E+06	0.212	2788.580	6199	0	6016	0.0009	-0.0001	0.0006	7.39E+06	0.199
2731.510	1201	0	389	0.0003	0.0000	0.0003	1.29E+06	0.018	2121.010	2201	0	1539	0.0006	-0.0001	0.0005	2.93E+06	0.124	1345.740	4200	0	5285	0.0010	-0.0002	0.0007	6.35E+06	0.212	2789.580	6200	0	6047	0.0009	-0.0002	0.0006	7.38E+06	0.200
2732.510	1200	0	420	0.0003	0.0000	0.0003	1.29E+06	0.018	2122.010	2200	0	1554	0.0006	-0.0001	0.0005	2.93E+06	0.124	1346.740	4199	0	5207	0.0010	-0.0002	0.0007	6.36E+06	0.212	2790.580	6200	0	6093	0.0009	-0.0001	0.0006	7.34E+06	0.199
2733.510	1200	0	389	0.0003	0.0000	0.0003	1.29E+06	0.017	2123.010	2201	0	1570	0.0006	-0.0001	0.0005	2.95E+06	0.124	1347.740	4199	0	5301	0.0010	-0.0002	0.0006	6.35E+06	0.211	2791.580	6199	0	6109	0.0009	-0.0001	0.0007	7.26E+06	0.200
2734.510	1201	0	373	0.0003	0.0000	0.0003	1.30E+06	0.018	2124.010	2202	0	1585	0.0006	-0.0001	0.0005	2.96E+06	0.123	1348.740	4199	0	5456	0.0010	-0.0002	0.0007	6.25E+06	0.213	2792.580	6199	0	6140	0.0009	-0.0002	0.0006	7.25E+06	0.200
2735.510	1199	0	357	0.0003	0.0000	0.0003	1.30E+06	0.018	2125.010	2201	0	1617	0.0006	0.0000	0.0005	2.96E+06	0.124	1349.740	4201	0	5518	0.0010	-0.0002	0.0007	6.26E+06	0.213	2793.580	6201	0	6187	0.0009	-0.0002	0.0006	7.21E+06	0.199

2779.500	1200	0	591	0.0005	0.0000	0.0004	1.67E+06	0.056	2168.990	2201	0	2285	0.0008	-0.0001	0.0006	3.71E+06	0.175	1393.720	4202	0	6917	0.0012	-0.0002	0.0008	6.79E+06	0.243	2837.560	6200	0	7648	0.0012	-0.0002	0.0008	7.07E+06	0.212
2780.490	1199	0	622	0.0005	0.0000	0.0005	1.67E+06	0.057	2169.990	2200	0	2285	0.0008	-0.0001	0.0006	3.71E+06	0.175	1394.720	4201	0	6839	0.0012	-0.0002	0.0008	6.80E+06	0.243	2838.560	6200	0	7710	0.0012	-0.0002	0.0008	7.05E+06	0.210
2781.490	1201	0	653	0.0005	0.0000	0.0005	1.67E+06	0.057	2170.990	2200	0	2316	0.0008	-0.0001	0.0006	3.71E+06	0.174	1395.720	4202	0	6871	0.0012	-0.0002	0.0008	6.82E+06	0.243	2839.560	6199	0	7694	0.0012	-0.0002	0.0008	7.09E+06	0.210
2782.490	1201	0	637	0.0005	0.0000	0.0005	1.69E+06	0.058	2171.990	2200	0	2316	0.0008	-0.0001	0.0006	3.70E+06	0.175	1396.720	4201	0	7073	0.0012	-0.0002	0.0008	6.78E+06	0.244	2840.560	6200	0	7725	0.0012	-0.0002	0.0007	7.13E+06	0.210
2783.490	1200	0	653	0.0005	0.0000	0.0005	1.71E+06	0.057	2172.990	2201	0	2347	0.0008	-0.0001	0.0006	3.67E+06	0.175	1397.720	4200	0	7119	0.0012	-0.0002	0.0008	6.84E+06	0.245	2841.560	6199	0	7788	0.0012	-0.0002	0.0008	7.16E+06	0.210
2784.490	1200	0	637	0.0005	0.0000	0.0005	1.72E+06	0.055	2173.990	2200	0	2363	0.0008	-0.0001	0.0006	3.70E+06	0.174	1398.720	4202	0	7150	0.0012	-0.0002	0.0008	6.86E+06	0.245	2842.560	6199	0	7803	0.0012	-0.0002	0.0008	7.16E+06	0.210
2785.490	1201	0	684	0.0005	0.0000	0.0005	1.70E+06	0.056	2174.990	2200	0	2363	0.0008	-0.0001	0.0006	3.71E+06	0.171	1399.720	4199	0	7104	0.0013	-0.0002	0.0008	6.81E+06	0.247	2843.560	6200	0	7850	0.0012	-0.0002	0.0008	7.21E+06	0.212
2786.490	1201	0	668	0.0005	0.0000	0.0005	1.72E+06	0.056	2175.990	2200	0	2409	0.0008	-0.0001	0.0006	3.72E+06	0.172	1400.720	4201	0	7026	0.0013	-0.0002	0.0008	6.74E+06	0.248	2844.560	6202	0	7881	0.0012	-0.0002	0.0008	7.21E+06	0.211
2787.490	1199	0	653	0.0005	0.0000	0.0005	1.72E+06	0.057	2176.990	2200	0	2394	0.0008	-0.0001	0.0006	3.73E+06	0.171	1401.720	4201	0	7057	0.0012	-0.0002	0.0008	6.75E+06	0.248	2845.560	6199	0	7912	0.0012	-0.0002	0.0008	7.24E+06	0.211
2788.490	1201	0	637	0.0005	0.0000	0.0005	1.72E+06	0.057	2177.990	2200	0	2425	0.0008	-0.0001	0.0006	3.72E+06	0.170	1402.720	4201	0	7213	0.0012	-0.0002	0.0008	6.77E+06	0.251	2846.560	6199	0	7943	0.0012	-0.0002	0.0008	7.23E+06	0.211
2789.490	1199	0	699	0.0005	0.0000	0.0005	1.72E+06	0.058	2178.990	2201	0	2440	0.0008	-0.0001	0.0007	3.71E+06	0.168	1403.720	4201	0	7306	0.0013	-0.0002	0.0008	6.79E+06	0.251	2847.560	6200	0	7943	0.0012	-0.0002	0.0008	7.24E+06	0.211
2790.490	1201	0	684	0.0005	0.0000	0.0005	1.71E+06	0.056	2179.990	2201	0	2472	0.0008	-0.0001	0.0007	3.73E+06	0.168	1404.720	4200	0	7384	0.0013	-0.0002	0.0008	6.81E+06	0.247	2848.560	6200	0	8005	0.0012	-0.0002	0.0008	7.31E+06	0.210
2791.490	1201	0	731	0.0005	0.0000	0.0005	1.69E+06	0.056	2180.990	2201	0	2487	0.0008	-0.0001	0.0007	3.72E+06	0.172	1405.720	4200	0	7321	0.0013	-0.0002	0.0008	6.80E+06	0.247	2849.560	6199	0	8052	0.0012	-0.0002	0.0008	7.33E+06	0.211
2792.490	1200	0	715	0.0006	0.0000	0.0005	1.71E+06	0.055	2181.990	2200	0	2518	0.0008	-0.0001	0.0007	3.71E+06	0.171	1406.720	4200	0	7275	0.0013	-0.0002	0.0008	6.75E+06	0.250	2850.560	6200	0	8083	0.0012	-0.0002	0.0008	7.37E+06	0.211
2793.490	1198	0	731	0.0006	0.0000	0.0005	1.72E+06	0.055	2182.990	2201	0	2503	0.0008	-0.0001	0.0007	3.70E+06	0.174	1407.720	4200	0	7259	0.0013	-0.0002	0.0008	6.75E+06	0.247	2851.560	6199	0	8130	0.0012	-0.0002	0.0008	7.35E+06	0.210
2794.490	1201	0	715	0.0005	0.0000	0.0005	1.72E+06	0.056	2183.990	2200	0	2534	0.0009	-0.0001	0.0007	3.71E+06	0.172	1408.720	4199	0	7477	0.0013	-0.0002	0.0008	6.74E+06	0.247	2852.560	6199	0	8145	0.0012	-0.0002	0.0008	7.37E+06	0.210
2795.490	1200	0	746	0.0006	0.0000	0.0005	1.73E+06	0.057	2184.990	2200	0	2534	0.0009	-0.0001	0.0007	3.73E+06	0.172	1409.720	4200	0	7523	0.0013	-0.0002	0.0008	6.79E+06	0.247	2853.560	6199	0	8207	0.0012	-0.0002	0.0008	7.35E+06	0.210
2796.490	1202	0	762	0.0006	0.0000	0.0005	1.74E+06	0.057	2185.990	2201	0	2549	0.0009	-0.0001	0.0007	3.75E+06	0.172	1410.720	4201	0	7601	0.0013	-0.0002	0.0008	6.80E+06	0.245	2854.560	6201	0	8207	0.0012	-0.0002	0.0008	7.38E+06	0.210
2797.490	1201	0	762	0.0006	0.0000	0.0005	1.74E+06	0.058	2186.990	2199	0	2565	0.0009	-0.0001	0.0007	3.77E+06	0.172	1411.720	4200	0	7508	0.0013	-0.0002	0.0008	6.75E+06	0.247	2855.560	6202	0	8254	0.0012	-0.0002	0.0008	7.38E+06	0.212
2798.490	1199	0	762	0.0006	0.0000	0.0005	1.74E+06	0.053	2187.990	2201	0	2611	0.0009	-0.0001	0.0007	3.79E+06	0.173	1412.720	4200	0	7446	0.0013	-0.0003	0.0008	6.71E+06	0.245	2856.560	6200	0	8285	0.0012	-0.0002	0.0008	7.39E+06	0.216
2799.490	1200	0	777	0.0006	0.0000	0.0005	1.73E+06	0.050	2188.990	2200	0	2596	0.0009	-0.0001	0.0007	3.79E+06	0.171	1413.720	4199	0	7461	0.0013	-0.0002	0.0008	6.71E+06	0.246	2857.560	6199	0	8316	0.0013	-0.0002	0.0008	7.42E+06	0.218
2800.490	1200	0	777	0.0006	0.0000	0.0005	1.73E+06	0.051	2189.990	2200	0	2658	0.0009	-0.0001	0.0007	3.80E+06	0.170	1414.720	4200	0	7663	0.0013	-0.0002	0.0008	6.70E+06	0.245	2858.560	6200	0	8378	0.0013	-0.0002	0.0008	7.44E+06	0.217
2801.490	1200	0	777	0.0006	0.0000	0.0005	1.73E+06	0.052	2190.990	2201	0	2642	0.0009	-0.0001	0.0007	3.80E+06	0.168	1415.720	4201	0	7741	0.0013	-0.0002	0.0008	6.71E+06	0.245	2859.560	6200	0	8409	0.0013	-0.0002	0.0008	7.41E+06	0.217
2802.490	1200	0	793	0.0006	0.0000	0.0005	1.73E+06	0.054	2191.980	2201	0	2658	0.0009	-0.0001	0.0007	3.79E+06	0.168	1416.710	4200	0	7772	0.0013	-0.0003	0.0008	6.68E+06	0.243	2860.560	6200	0	8456	0.0013	-0.0002	0.0008	7.40E+06	0.215
2803.490	1200	0	808	0.0006	0.0000	0.0005	1.73E+06	0.055	2192.980	2200	0	2705	0.0009	-0.0001	0.0007	3.79E+06	0.168	1417.710	4201	0	7741	0.0013	-0.0003	0.0008	6.63E+06	0.241	2861.550	6199	0	8487	0.0013	-0.0002	0.0008	7.39E+06	0.217
2804.490	1201	0	808	0.0006	0.0000	0.0006	1.73E+06	0.055	2193.980	2200	0	2736	0.0009	-0.0001	0.0007	3.82E+06	0.168	1418.710	4200	0	7663	0.0013	-0.0003	0.0008	6.63E+06	0.243	2862.550	6198	0	8534	0.0013	-0.0002	0.0008	7.39E+06	0.218
2805.490	1202	0	824	0.0006	0.0000	0.0005	1.74E+06	0.057	2194.980	2201	0	2705	0.0009	-0.0001	0.0007	3.85E+06	0.169	1419.710	4200	0	7632	0.0013	-0.0003	0.0008	6.66E+06	0.243	2863.550	6199	0	8549	0.0013	-0.0002	0.0008	7.39E+06	0.217
2806.490	1201	0	824	0.0006	0.0000	0.0006	1.74E+06	0.057	2195.980	2200	0	2751	0.0009	-0.0001	0.0007	3.84E+06	0.171	1420.710	4198	0	7834	0.0013	-0.0003	0.0008	6.64E+06	0.241	2864.550	6201	0	8596	0.0013	-0.0002	0.0008	7.43E+06	0.219
2807.490	1200	0	839	0.0006	0.0000	0.0006	1.74E+06	0.059	2196.980	2201	0	2767	0.0009	-0.0001	0.0007	3.89E+06	0.172	1421.710	4201	0	7928	0.0014	-0.0003	0.0008	6.71E+06	0.242	2865.550	6199	0	8643	0.0013	-0.0002	0.0008	7.44E+06	0.220
2808.490	1200	0	855	0.0006	0.0000	0.0006	1.76E+06	0.061	2197.980	2201	0	2751	0.0009	-0.0001	0.0007	3.88E+06	0.170	1422.710	4199	0	8005	0.0014	-0.0003	0.0008	6.75E+06	0.244	2866.550	6199	0	8689	0.0013	-0.0002	0.0008	7.48E+06	0.221
2809.490	1201	0	839	0.0006	0.0000	0.0006	1.75E+06	0.063	2198.980	2199	0	2782	0.0009	-0.0001	0.0007	3.90E+06	0.168	1423.710	4200	0	7943	0.0014	-0.0003	0.0009	6.73E+06	0.243	2867.550	6199	0	8720	0.0013	-0.0002	0.0008	7.52E+06	0.222
2810.490	1200	0	870	0.0006	0.0000	0.0006	1.75E+06	0.064	2199.980	2201	0	2829	0.0009	-0.0001	0.0007	3.90E+06	0.168	1424.710	4199	0	7850	0.0014	-0.0003	0.0008	6.73E+06	0.244	2868.550	6199	0	8782	0.0013	-0.0002	0.0008	7.51E+06	0.221
2811.480	1200	0	886	0.0006	0.0000	0.0006	1.76E+06	0.067	2200.980	2199	0	2829	0.0009	-0.0001	0.0007	3.91E+06	0.170	1425.710	4200	0	7819	0.0014	-0.0003	0.0008	6.72E+06	0.242	2869.550	6199	0	8782	0.0013	-0.0002	0.0008	7.51E+	

2855.470	1201	0	1259	0.0008	0.0000	0.0007	2.07E+06	0.088	2244.970	2201	0	3653	0.0011	-0.0001	0.0009	4.15E+06	0.199	1469.700	4200	0	9622	0.0016	-0.0003	0.0010	7.15E+06	0.272	2913.540	6201	0	10461	0.0015	-0.0003	0.0010	7.82E+06	0.236
2856.470	1202	0	1259	0.0008	0.0000	0.0008	2.09E+06	0.089	2245.970	2201	0	3700	0.0012	-0.0001	0.0009	4.21E+06	0.200	1470.700	4200	0	9653	0.0016	-0.0003	0.0010	7.19E+06	0.271	2914.540	6201	0	10461	0.0015	-0.0003	0.0010	7.85E+06	0.238
2857.470	1200	0	1290	0.0008	0.0000	0.0008	2.11E+06	0.089	2246.970	2200	0	3700	0.0012	-0.0001	0.0009	4.23E+06	0.202	1471.700	4201	0	9653	0.0016	-0.0003	0.0010	7.22E+06	0.271	2915.540	6200	0	10539	0.0015	-0.0003	0.0010	7.87E+06	0.240
2858.470	1200	0	1259	0.0009	0.0000	0.0008	2.13E+06	0.089	2247.970	2200	0	3731	0.0012	-0.0001	0.0009	4.26E+06	0.203	1472.700	4200	0	9451	0.0016	-0.0003	0.0010	7.23E+06	0.272	2916.540	6201	0	10555	0.0015	-0.0003	0.0010	7.90E+06	0.242
2859.470	1199	0	1275	0.0009	0.0000	0.0008	2.14E+06	0.090	2248.970	2200	0	3715	0.0012	-0.0002	0.0009	4.29E+06	0.204	1473.700	4199	0	9342	0.0016	-0.0003	0.0010	7.28E+06	0.273	2917.540	6200	0	10601	0.0015	-0.0003	0.0010	7.89E+06	0.239
2860.470	1201	0	1290	0.0008	0.0000	0.0008	2.14E+06	0.089	2249.970	2199	0	3746	0.0012	-0.0002	0.0009	4.30E+06	0.204	1474.700	4198	0	9497	0.0016	-0.0003	0.0010	7.29E+06	0.272	2918.540	6199	0	10648	0.0015	-0.0003	0.0010	7.84E+06	0.238
2861.470	1200	0	1306	0.0009	0.0000	0.0008	2.16E+06	0.090	2250.970	2201	0	3762	0.0012	-0.0002	0.0009	4.33E+06	0.207	1475.700	4200	0	9777	0.0016	-0.0003	0.0010	7.30E+06	0.277	2919.540	6199	0	10679	0.0016	-0.0003	0.0010	7.84E+06	0.239
2862.470	1200	0	1290	0.0009	0.0000	0.0008	2.16E+06	0.091	2251.970	2201	0	3777	0.0012	-0.0002	0.0009	4.36E+06	0.207	1476.700	4200	0	9871	0.0016	-0.0003	0.0010	7.34E+06	0.280	2920.540	6200	0	10725	0.0015	-0.0003	0.0010	7.83E+06	0.238
2863.470	1200	0	1352	0.0009	0.0000	0.0008	2.15E+06	0.091	2252.970	2200	0	3808	0.0012	-0.0002	0.0009	4.41E+06	0.209	1477.700	4199	0	9839	0.0016	-0.0003	0.0010	7.33E+06	0.279	2921.540	6201	0	10788	0.0016	-0.0003	0.0010	7.81E+06	0.235
2864.470	1201	0	1321	0.0009	-0.0001	0.0008	2.13E+06	0.090	2253.960	2200	0	3839	0.0012	-0.0002	0.0009	4.46E+06	0.211	1478.700	4202	0	9777	0.0016	-0.0003	0.0010	7.31E+06	0.277	2922.540	6199	0	10819	0.0016	-0.0003	0.0010	7.78E+06	0.236
2865.470	1198	0	1337	0.0009	0.0000	0.0008	2.15E+06	0.090	2254.960	2201	0	3855	0.0012	-0.0002	0.0009	4.48E+06	0.214	1479.690	4199	0	9777	0.0016	-0.0003	0.0010	7.33E+06	0.279	2923.530	6201	0	10850	0.0016	-0.0003	0.0010	7.74E+06	0.235
2866.470	1199	0	1352	0.0009	0.0000	0.0008	2.15E+06	0.091	2255.960	2201	0	3855	0.0012	-0.0002	0.0009	4.49E+06	0.215	1480.690	4201	0	9933	0.0016	-0.0003	0.0010	7.35E+06	0.281	2924.530	6199	0	10881	0.0016	-0.0003	0.0010	7.73E+06	0.236
2867.470	1198	0	1352	0.0009	0.0000	0.0008	2.16E+06	0.092	2256.960	2201	0	3886	0.0012	-0.0002	0.0009	4.54E+06	0.217	1481.690	4200	0	10026	0.0017	-0.0003	0.0010	7.34E+06	0.282	2925.530	6199	0	10912	0.0016	-0.0003	0.0010	7.74E+06	0.238
2868.470	1200	0	1383	0.0009	0.0000	0.0008	2.16E+06	0.091	2257.960	2201	0	3917	0.0012	-0.0002	0.0009	4.56E+06	0.221	1482.690	4201	0	10104	0.0017	-0.0003	0.0010	7.36E+06	0.282	2926.530	6199	0	10959	0.0016	-0.0003	0.0010	7.72E+06	0.239
2869.470	1199	0	1399	0.0009	-0.0001	0.0008	2.16E+06	0.091	2258.960	2201	0	3933	0.0012	-0.0002	0.0009	4.62E+06	0.225	1483.690	4201	0	10073	0.0017	-0.0003	0.0010	7.40E+06	0.281	2927.530	6201	0	10990	0.0016	-0.0003	0.0010	7.72E+06	0.242
2870.470	1200	0	1415	0.0009	-0.0001	0.0008	2.17E+06	0.091	2259.960	2200	0	3964	0.0012	-0.0002	0.0009	4.67E+06	0.230	1484.690	4199	0	9995	0.0017	-0.0003	0.0010	7.41E+06	0.280	2928.530	6199	0	11021	0.0016	-0.0003	0.0010	7.74E+06	0.245
2871.470	1200	0	1415	0.0009	-0.0001	0.0008	2.18E+06	0.091	2260.960	2201	0	3979	0.0012	-0.0002	0.0009	4.67E+06	0.230	1485.690	4201	0	9964	0.0017	-0.0003	0.0010	7.48E+06	0.280	2929.530	6200	0	11052	0.0016	-0.0003	0.0010	7.76E+06	0.246
2872.470	1199	0	1415	0.0009	-0.0001	0.0008	2.16E+06	0.091	2261.960	2201	0	3979	0.0012	-0.0002	0.0009	4.69E+06	0.228	1486.690	4199	0	10119	0.0017	-0.0003	0.0010	7.48E+06	0.281	2930.530	6199	0	11083	0.0016	-0.0003	0.0010	7.75E+06	0.246
2873.460	1200	0	1446	0.0009	0.0000	0.0008	2.19E+06	0.091	2262.960	2201	0	4041	0.0012	-0.0002	0.0009	4.69E+06	0.228	1487.690	4200	0	10259	0.0017	-0.0003	0.0010	7.47E+06	0.281	2931.530	6199	0	11114	0.0016	-0.0003	0.0010	7.75E+06	0.247
2874.460	1200	0	1461	0.0009	-0.0001	0.0008	2.19E+06	0.091	2263.960	2200	0	4041	0.0012	-0.0002	0.0009	4.71E+06	0.231	1488.690	4200	0	10306	0.0017	-0.0003	0.0010	7.47E+06	0.281	2932.530	6200	0	11161	0.0016	-0.0003	0.0010	7.78E+06	0.248
2875.460	1200	0	1461	0.0009	-0.0001	0.0008	2.17E+06	0.091	2264.960	2201	0	4073	0.0012	-0.0002	0.0009	4.72E+06	0.232	1489.690	4200	0	10306	0.0017	-0.0003	0.0010	7.48E+06	0.280	2933.530	6199	0	11207	0.0016	-0.0003	0.0010	7.78E+06	0.245
2876.460	1199	0	1492	0.0010	-0.0001	0.0008	2.18E+06	0.091	2265.960	2200	0	4088	0.0012	-0.0002	0.0009	4.72E+06	0.231	1490.690	4200	0	10228	0.0017	-0.0003	0.0010	7.54E+06	0.281	2934.530	6199	0	11238	0.0016	-0.0003	0.0010	7.79E+06	0.245
2877.460	1202	0	1492	0.0009	-0.0001	0.0008	2.18E+06	0.090	2266.960	2200	0	4104	0.0012	-0.0002	0.0009	4.72E+06	0.229	1491.690	4200	0	10228	0.0017	-0.0003	0.0010	7.55E+06	0.282	2935.530	6200	0	11285	0.0016	-0.0003	0.0010	7.85E+06	0.244
2878.460	1199	0	1477	0.0009	-0.0001	0.0008	2.19E+06	0.089	2267.960	2200	0	4135	0.0013	-0.0002	0.0009	4.75E+06	0.230	1492.690	4201	0	10352	0.0017	-0.0003	0.0010	7.55E+06	0.281	2936.530	6199	0	11301	0.0016	-0.0003	0.0010	7.86E+06	0.242
2879.460	1201	0	1523	0.0009	-0.0001	0.0008	2.19E+06	0.091	2268.960	2201	0	4181	0.0013	-0.0002	0.0009	4.77E+06	0.229	1493.690	4199	0	10477	0.0017	-0.0003	0.0010	7.54E+06	0.280	2937.530	6201	0	11378	0.0016	-0.0003	0.0010	7.86E+06	0.241
2880.460	1203	0	1492	0.0010	-0.0001	0.0008	2.19E+06	0.090	2269.960	2201	0	4181	0.0013	-0.0002	0.0009	4.75E+06	0.228	1494.690	4200	0	10523	0.0017	-0.0003	0.0010	7.57E+06	0.279	2938.530	6200	0	11394	0.0016	-0.0003	0.0010	7.87E+06	0.241
2881.460	1200	0	1523	0.0010	-0.0001	0.0009	2.19E+06	0.092	2270.960	2201	0	4244	0.0013	-0.0002	0.0009	4.77E+06	0.228	1495.690	4201	0	10461	0.0017	-0.0004	0.0010	7.52E+06	0.279	2939.530	6199	0	11425	0.0016	-0.0003	0.0010	7.87E+06	0.240
2882.460	1200	0	1539	0.0010	-0.0001	0.0008	2.20E+06	0.093	2271.960	2201	0	4228	0.0013	-0.0002	0.0009	4.80E+06	0.226	1496.690	4201	0	10446	0.0017	-0.0004	0.0010	7.51E+06	0.279	2940.530	6200	0	11487	0.0017	-0.0003	0.0010	7.89E+06	0.242
2883.460	1200	0	1554	0.0010	-0.0001	0.0009	2.24E+06	0.092	2272.960	2200	0	4244	0.0013	-0.0002	0.0009	4.84E+06	0.226	1497.690	4199	0	10446	0.0017	-0.0004	0.0010	7.53E+06	0.279	2941.530	6200	0	11518	0.0017	-0.0003	0.0010	7.90E+06	0.242
2884.460	1201	0	1539	0.0010	-0.0001	0.0009	2.22E+06	0.093	2273.960	2201	0	4259	0.0013	-0.0002	0.0009	4.88E+06	0.226	1498.690	4200	0	10586	0.0017	-0.0003	0.0010	7.51E+06	0.281	2942.530	6199	0	11580	0.0017	-0.0003	0.0010	7.92E+06	0.246
2885.460	1200	0	1585	0.0010	-0.0001	0.0009	2.21E+06	0.093	2274.960	2200	0	4275	0.0013	-0.0002	0.0009	4.87E+06	0.228	1499.690	4200	0	10710	0.0017	-0.0004	0.0010	7.41E+06	0.283	2943.530	6199	0	11580	0.0017	-0.0003	0.0011	7.94E+06	0.249
2886.460	1201	0	1585	0.0010	-0.0001	0.0009	2.23E+06	0.094	2275.960	2200	0	4321	0.0013	-0.0002	0.0009	4.88E+06	0.229	1500.690	4201	0	10741	0.0017	-0.0004	0.0010	7.37E+06	0.283	2944.530	6201	0	11674	0.0017	-0.0003	0.0010	7.96E+06	0.249
2887.460	1200	0	1585	0.0010	-0.0001	0.0009	2.20E+06	0.097	2276.960	2200	0	4337	0.0013	-0.0002	0.0009	4.88E+06	0.228	1501.690	4199	0	10725	0.0018	-0.0004	0.0010	7.37E+06	0.									

2931.450	1199	0	2067	0.0012	-0.0001	0.0010	2.60E+06	0.130	2320.940	2199	0	5829	0.0016	-0.0003	0.0011	4.83E+06	0.246	1545.670	4199	0	12280	0.0020	-0.0004	0.0011	7.86E+06	0.303	2989.510	6200	0	13477	0.0019	-0.0004	0.0012	8.22E+06	0.266
2932.450	1200	0	2083	0.0012	-0.0001	0.0010	2.60E+06	0.130	2321.940	2201	0	5860	0.0016	-0.0003	0.0011	4.82E+06	0.246	1546.670	4200	0	12295	0.0020	-0.0004	0.0011	7.84E+06	0.302	2990.510	6199	0	13492	0.0019	-0.0004	0.0012	8.21E+06	0.266
2933.450	1200	0	2083	0.0012	-0.0001	0.0010	2.63E+06	0.132	2322.940	2201	0	5860	0.0016	-0.0003	0.0011	4.82E+06	0.246	1547.670	4201	0	12466	0.0020	-0.0004	0.0011	7.81E+06	0.301	2991.510	6200	0	13539	0.0019	-0.0004	0.0012	8.19E+06	0.268
2934.450	1200	0	2145	0.0012	-0.0001	0.0010	2.67E+06	0.133	2323.940	2200	0	5876	0.0016	-0.0003	0.0011	4.85E+06	0.245	1548.670	4202	0	12606	0.0020	-0.0004	0.0011	7.86E+06	0.301	2992.510	6201	0	13586	0.0019	-0.0004	0.0012	8.18E+06	0.267
2935.450	1201	0	2161	0.0012	-0.0001	0.0011	2.67E+06	0.132	2324.940	2200	0	5907	0.0016	-0.0003	0.0011	4.87E+06	0.249	1549.670	4201	0	12591	0.0020	-0.0004	0.0011	7.93E+06	0.305	2993.510	6200	0	13632	0.0019	-0.0004	0.0012	8.19E+06	0.270
2936.440	1199	0	2161	0.0012	-0.0001	0.0011	2.67E+06	0.133	2325.940	2200	0	5938	0.0016	-0.0003	0.0011	4.87E+06	0.252	1550.670	4203	0	12529	0.0020	-0.0004	0.0011	7.93E+06	0.308	2994.510	6200	0	13663	0.0019	-0.0004	0.0012	8.20E+06	0.273
2937.440	1202	0	2161	0.0012	-0.0001	0.0011	2.69E+06	0.132	2326.940	2200	0	5953	0.0016	-0.0003	0.0011	4.87E+06	0.252	1551.670	4198	0	12482	0.0020	-0.0004	0.0011	7.90E+06	0.307	2995.510	6199	0	13694	0.0019	-0.0004	0.0012	8.13E+06	0.273
2938.440	1201	0	2176	0.0012	-0.0001	0.0011	2.65E+06	0.135	2327.940	2201	0	5953	0.0016	-0.0003	0.0011	4.89E+06	0.251	1552.670	4199	0	12498	0.0020	-0.0004	0.0012	7.90E+06	0.310	2996.510	6199	0	13726	0.0019	-0.0004	0.0012	8.05E+06	0.274
2939.440	1200	0	2192	0.0012	-0.0001	0.0011	2.67E+06	0.134	2328.940	2200	0	5969	0.0016	-0.0003	0.0011	4.94E+06	0.254	1553.670	4201	0	12669	0.0020	-0.0004	0.0011	7.88E+06	0.308	2997.510	6199	0	13819	0.0019	-0.0004	0.0012	7.94E+06	0.272
2940.440	1200	0	2223	0.0012	-0.0001	0.0011	2.66E+06	0.135	2329.940	2202	0	5984	0.0016	-0.0003	0.0011	4.98E+06	0.256	1554.670	4200	0	12808	0.0020	-0.0004	0.0011	7.85E+06	0.306	2998.510	6199	0	13850	0.0019	-0.0004	0.0012	7.83E+06	0.273
2941.440	1199	0	2238	0.0013	-0.0001	0.0011	2.65E+06	0.137	2330.940	2201	0	6016	0.0016	-0.0003	0.0011	5.06E+06	0.261	1555.670	4199	0	12824	0.0020	-0.0004	0.0012	7.94E+06	0.312	2999.510	6199	0	13865	0.0019	-0.0004	0.0012	7.80E+06	0.273
2942.440	1200	0	2238	0.0013	-0.0001	0.0011	2.64E+06	0.137	2331.940	2200	0	6031	0.0016	-0.0003	0.0011	5.11E+06	0.262	1556.670	4200	0	12777	0.0020	-0.0004	0.0011	7.92E+06	0.310	3000.510	6201	0	13928	0.0019	-0.0004	0.0012	7.84E+06	0.269
2943.440	1201	0	2269	0.0013	-0.0001	0.0011	2.65E+06	0.137	2332.940	2198	0	6031	0.0016	-0.0003	0.0011	5.24E+06	0.265	1557.670	4200	0	12777	0.0020	-0.0004	0.0011	7.87E+06	0.310	3001.510	6199	0	13959	0.0020	-0.0004	0.0012	7.93E+06	0.266
2944.440	1199	0	2269	0.0013	-0.0001	0.0011	2.62E+06	0.134	2333.940	2202	0	6047	0.0016	-0.0003	0.0011	5.24E+06	0.262	1558.670	4199	0	12777	0.0020	-0.0004	0.0012	7.86E+06	0.309	3002.510	6199	0	13974	0.0020	-0.0004	0.0012	8.03E+06	0.267
2945.440	1199	0	2300	0.0013	-0.0001	0.0011	2.63E+06	0.134	2334.940	2201	0	6078	0.0016	-0.0003	0.0011	5.25E+06	0.263	1559.670	4199	0	12917	0.0020	-0.0004	0.0011	7.82E+06	0.309	3003.510	6201	0	14052	0.0020	-0.0004	0.0012	8.07E+06	0.268
2946.440	1201	0	2316	0.0013	-0.0001	0.0011	2.64E+06	0.132	2335.940	2200	0	6078	0.0017	-0.0003	0.0011	5.29E+06	0.263	1560.670	4200	0	13026	0.0020	-0.0004	0.0012	7.78E+06	0.307	3004.510	6200	0	14083	0.0020	-0.0004	0.0012	7.97E+06	0.266
2947.440	1200	0	2316	0.0013	-0.0001	0.0011	2.63E+06	0.134	2336.940	2200	0	6109	0.0017	-0.0003	0.0011	5.37E+06	0.267	1561.670	4201	0	13057	0.0021	-0.0005	0.0011	7.76E+06	0.308	3005.510	6201	0	14130	0.0020	-0.0004	0.0012	7.91E+06	0.265
2948.440	1202	0	2347	0.0013	-0.0001	0.0011	2.62E+06	0.133	2337.940	2200	0	6109	0.0016	-0.0003	0.0011	5.35E+06	0.266	1562.670	4201	0	13026	0.0021	-0.0005	0.0012	7.72E+06	0.304	3006.510	6199	0	14145	0.0020	-0.0004	0.0012	7.81E+06	0.264
2949.440	1201	0	2363	0.0013	-0.0001	0.0011	2.64E+06	0.133	2338.940	2199	0	6155	0.0017	-0.0003	0.0011	5.40E+06	0.266	1563.670	4199	0	13011	0.0021	-0.0005	0.0011	7.63E+06	0.301	3007.510	6199	0	14192	0.0020	-0.0004	0.0012	7.79E+06	0.266
2950.440	1200	0	2347	0.0013	-0.0001	0.0011	2.62E+06	0.134	2339.940	2200	0	6140	0.0017	-0.0003	0.0011	5.45E+06	0.266	1564.670	4200	0	13042	0.0021	-0.0005	0.0011	7.64E+06	0.301	3008.510	6202	0	14254	0.0020	-0.0004	0.0012	7.81E+06	0.266
2951.440	1201	0	2394	0.0013	-0.0001	0.0011	2.62E+06	0.134	2340.940	2202	0	6187	0.0017	-0.0003	0.0011	5.49E+06	0.270	1565.670	4201	0	13150	0.0021	-0.0004	0.0012	7.62E+06	0.304	3009.510	6201	0	14270	0.0020	-0.0004	0.0012	7.86E+06	0.267
2952.440	1201	0	2394	0.0013	-0.0001	0.0011	2.62E+06	0.133	2341.940	2200	0	6202	0.0017	-0.0003	0.0011	5.51E+06	0.270	1566.670	4200	0	13259	0.0021	-0.0005	0.0012	7.57E+06	0.306	3010.510	6199	0	14347	0.0020	-0.0004	0.0012	7.87E+06	0.268
2953.440	1200	0	2425	0.0013	-0.0001	0.0011	2.61E+06	0.135	2342.940	2201	0	6233	0.0017	-0.0003	0.0011	5.57E+06	0.272	1567.670	4200	0	13306	0.0021	-0.0005	0.0012	7.56E+06	0.303	3011.510	6199	0	14347	0.0020	-0.0004	0.0012	7.89E+06	0.268
2954.440	1199	0	2425	0.0013	-0.0001	0.0011	2.63E+06	0.137	2343.940	2201	0	6233	0.0017	-0.0003	0.0011	5.59E+06	0.274	1568.670	4200	0	13259	0.0021	-0.0005	0.0012	7.59E+06	0.307	3012.510	6200	0	14378	0.0020	-0.0004	0.0012	7.93E+06	0.269
2955.440	1200	0	2440	0.0013	-0.0001	0.0011	2.62E+06	0.139	2344.940	2201	0	6264	0.0017	-0.0003	0.0011	5.61E+06	0.275	1569.670	4201	0	13213	0.0021	-0.0005	0.0012	7.58E+06	0.308	3013.510	6198	0	14425	0.0020	-0.0004	0.0012	7.96E+06	0.270
2956.440	1200	0	2503	0.0013	-0.0001	0.0011	2.61E+06	0.140	2345.940	2201	0	6280	0.0017	-0.0003	0.0011	5.59E+06	0.277	1570.670	4200	0	13244	0.0021	-0.0005	0.0012	7.57E+06	0.306	3014.510	6201	0	14487	0.0020	-0.0004	0.0012	8.01E+06	0.271
2957.440	1202	0	2472	0.0013	-0.0001	0.0011	2.61E+06	0.140	2346.940	2201	0	6295	0.0017	-0.0003	0.0011	5.61E+06	0.279	1571.670	4201	0	13368	0.0021	-0.0005	0.0012	7.57E+06	0.301	3015.510	6199	0	14487	0.0020	-0.0004	0.0012	8.04E+06	0.271
2958.440	1201	0	2487	0.0014	-0.0001	0.0011	2.63E+06	0.141	2347.930	2201	0	6326	0.0017	-0.0003	0.0011	5.64E+06	0.282	1572.660	4199	0	13461	0.0021	-0.0005	0.0012	7.55E+06	0.300	3016.510	6199	0	14534	0.0020	-0.0004	0.0012	8.04E+06	0.272
2959.440	1200	0	2518	0.0014	-0.0001	0.0012	2.62E+06	0.140	2348.930	2201	0	6358	0.0017	-0.0003	0.0011	5.58E+06	0.282	1573.660	4202	0	13508	0.0021	-0.0005	0.0012	7.58E+06	0.300	3017.500	6201	0	14565	0.0020	-0.0004	0.0012	8.09E+06	0.273
2960.440	1201	0	2503	0.0014	-0.0001	0.0012	2.64E+06	0.140	2349.930	2201	0	6342	0.0017	-0.0003	0.0011	5.61E+06	0.284	1574.660	4201	0	13446	0.0021	-0.0005	0.0012	7.64E+06	0.299	3018.500	6199	0	14705	0.0020	-0.0004	0.0012	8.10E+06	0.272
2961.440	1198	0	2518	0.0014	-0.0001	0.0012	2.65E+06	0.141	2350.930	2201	0	6373	0.0017	-0.0003	0.0011	5.65E+06	0.288	1575.660	4199	0	13399	0.0021	-0.0005	0.0012	7.65E+06	0.295	3019.500	6199	0	14689	0.0020	-0.0004	0.0012	8.13E+06	0.272
2962.440	1202	0	2549	0.0014	-0.0001	0.0012	2.65E+06	0.143	2351.930	2199	0	6420	0.0017	-0.0003	0.0011	5.67E+06	0.288	1576.660	4200	0	13430	0.0021	-0.0005	0.0012	7.72E+06	0.301	3020.500	6199	0	14643	0.0021	-0.0004	0.0012	8.13E+06	0.272
2963.440	1202	0	2518	0.0014	-0.0001	0.0012	2.67E+06	0.142	2352.930	2201	0	6420	0.0017	-0.0003	0.0011	5.71E+06	0.289	1577.660	4199	0	13586	0.0021	-0.0005	0.0012	7										

3007.420	1200	0	3202	0.0016	-0.0001	0.0013	3.02E+06	0.162	2396.920	2200	0	7523	0.0019	-0.0003	0.0012	5.51E+06	0.292	1621.650	4200	0	15311	0.0023	-0.0005	0.0013	7.89E+06	0.331	3065.490	6200	0	16974	0.0023	-0.0005	0.0013	8.44E+06	0.282
3008.420	1199	0	3187	0.0016	-0.0001	0.0013	3.04E+06	0.165	2397.920	2200	0	7554	0.0019	-0.0003	0.0012	5.52E+06	0.292	1622.650	4201	0	15373	0.0023	-0.0005	0.0013	7.93E+06	0.331	3066.490	6201	0	17021	0.0023	-0.0005	0.0013	8.45E+06	0.282
3009.420	1199	0	3202	0.0016	-0.0001	0.0013	3.06E+06	0.165	2398.920	2201	0	7586	0.0019	-0.0003	0.0012	5.52E+06	0.292	1623.650	4200	0	15389	0.0024	-0.0005	0.0013	7.90E+06	0.332	3067.490	6199	0	17068	0.0023	-0.0005	0.0014	8.44E+06	0.284
3010.420	1200	0	3218	0.0016	-0.0001	0.0013	3.07E+06	0.166	2399.920	2200	0	7601	0.0019	-0.0003	0.0012	5.50E+06	0.291	1624.650	4200	0	15404	0.0024	-0.0005	0.0013	7.93E+06	0.334	3068.490	6200	0	17083	0.0023	-0.0005	0.0013	8.45E+06	0.286
3011.420	1201	0	3218	0.0016	-0.0001	0.0013	3.12E+06	0.167	2400.920	2200	0	7663	0.0019	-0.0003	0.0012	5.54E+06	0.294	1625.650	4201	0	15466	0.0024	-0.0005	0.0013	7.92E+06	0.334	3069.490	6201	0	17161	0.0023	-0.0005	0.0013	8.41E+06	0.286
3012.420	1200	0	3218	0.0016	-0.0001	0.0013	3.14E+06	0.169	2401.920	2200	0	7663	0.0019	-0.0003	0.0012	5.57E+06	0.296	1626.650	4199	0	15544	0.0023	-0.0005	0.0013	7.85E+06	0.330	3070.490	6199	0	17176	0.0023	-0.0005	0.0014	8.46E+06	0.289
3013.420	1199	0	3249	0.0016	-0.0001	0.0013	3.17E+06	0.171	2402.920	2201	0	7694	0.0019	-0.0003	0.0012	5.56E+06	0.295	1627.650	4199	0	15544	0.0024	-0.0005	0.0013	7.95E+06	0.335	3071.490	6200	0	17223	0.0023	-0.0005	0.0014	8.44E+06	0.291
3014.420	1199	0	3249	0.0016	-0.0001	0.0013	3.19E+06	0.173	2403.920	2200	0	7710	0.0019	-0.0004	0.0012	5.61E+06	0.297	1628.650	4200	0	15606	0.0024	-0.0005	0.0013	7.95E+06	0.331	3072.490	6201	0	17254	0.0023	-0.0005	0.0013	8.44E+06	0.293
3015.420	1199	0	3264	0.0016	-0.0001	0.0013	3.22E+06	0.173	2404.920	2201	0	7757	0.0019	-0.0004	0.0012	5.66E+06	0.300	1629.650	4199	0	15606	0.0024	-0.0005	0.0013	7.90E+06	0.331	3073.490	6200	0	17285	0.0024	-0.0005	0.0014	8.45E+06	0.295
3016.420	1201	0	3280	0.0016	-0.0001	0.0013	3.22E+06	0.176	2405.920	2201	0	7757	0.0019	-0.0004	0.0012	5.73E+06	0.303	1630.650	4198	0	15653	0.0024	-0.0006	0.0013	7.94E+06	0.328	3074.490	6200	0	17316	0.0024	-0.0005	0.0014	8.41E+06	0.295
3017.420	1200	0	3295	0.0016	-0.0001	0.0013	3.26E+06	0.179	2406.920	2201	0	7803	0.0020	-0.0004	0.0012	5.74E+06	0.300	1631.650	4200	0	15715	0.0024	-0.0005	0.0013	7.95E+06	0.329	3075.490	6202	0	17363	0.0024	-0.0005	0.0014	8.34E+06	0.298
3018.420	1200	0	3326	0.0016	-0.0001	0.0013	3.29E+06	0.181	2407.920	2201	0	7834	0.0020	-0.0004	0.0012	5.76E+06	0.300	1632.650	4199	0	15762	0.0024	-0.0006	0.0013	7.89E+06	0.330	3076.490	6200	0	17425	0.0024	-0.0005	0.0014	8.34E+06	0.299
3019.420	1200	0	3311	0.0016	-0.0001	0.0013	3.31E+06	0.182	2408.920	2201	0	7834	0.0020	-0.0004	0.0012	5.80E+06	0.301	1633.650	4200	0	15808	0.0024	-0.0006	0.0013	7.91E+06	0.332	3077.490	6199	0	17456	0.0024	-0.0005	0.0014	8.32E+06	0.297
3020.420	1200	0	3311	0.0017	-0.0001	0.0014	3.32E+06	0.182	2409.920	2199	0	7881	0.0020	-0.0004	0.0012	5.84E+06	0.302	1634.650	4201	0	15808	0.0024	-0.0006	0.0013	7.98E+06	0.334	3078.490	6199	0	17472	0.0024	-0.0005	0.0014	8.30E+06	0.297
3021.420	1200	0	3358	0.0017	-0.0002	0.0014	3.37E+06	0.183	2410.910	2201	0	7896	0.0020	-0.0004	0.0013	5.89E+06	0.304	1635.640	4200	0	15824	0.0024	-0.0006	0.0013	7.97E+06	0.334	3079.480	6200	0	17518	0.0024	-0.0005	0.0014	8.29E+06	0.299
3022.420	1201	0	3389	0.0017	-0.0001	0.0014	3.39E+06	0.185	2411.910	2201	0	7943	0.0020	-0.0004	0.0013	5.92E+06	0.305	1636.640	4200	0	15824	0.0024	-0.0006	0.0013	7.95E+06	0.331	3080.480	6199	0	17534	0.0024	-0.0005	0.0014	8.30E+06	0.295
3023.420	1200	0	3404	0.0017	-0.0002	0.0014	3.42E+06	0.186	2412.910	2200	0	7959	0.0020	-0.0004	0.0013	5.93E+06	0.307	1637.640	4200	0	15855	0.0024	-0.0006	0.0013	7.99E+06	0.335	3081.480	6201	0	17627	0.0024	-0.0005	0.0014	8.27E+06	0.296
3024.420	1201	0	3420	0.0017	-0.0002	0.0014	3.46E+06	0.187	2413.910	2201	0	7959	0.0020	-0.0004	0.0013	5.92E+06	0.306	1638.640	4201	0	15948	0.0024	-0.0006	0.0013	7.97E+06	0.333	3082.480	6199	0	17627	0.0024	-0.0005	0.0014	8.26E+06	0.294
3025.420	1201	0	3435	0.0017	-0.0002	0.0014	3.47E+06	0.188	2414.910	2200	0	8005	0.0020	-0.0004	0.0013	5.96E+06	0.308	1639.640	4199	0	15948	0.0024	-0.0006	0.0013	7.96E+06	0.334	3083.480	6201	0	17674	0.0024	-0.0005	0.0014	8.26E+06	0.295
3026.420	1200	0	3435	0.0017	-0.0002	0.0014	3.42E+06	0.191	2415.910	2199	0	8021	0.0020	-0.0004	0.0013	5.95E+06	0.307	1640.640	4200	0	16010	0.0024	-0.0006	0.0013	7.97E+06	0.338	3084.480	6200	0	17689	0.0024	-0.0005	0.0014	8.34E+06	0.298
3027.420	1200	0	3451	0.0017	-0.0002	0.0014	3.48E+06	0.194	2416.910	2200	0	8052	0.0020	-0.0004	0.0013	5.98E+06	0.306	1641.640	4200	0	16026	0.0024	-0.0006	0.0013	7.98E+06	0.335	3085.480	6199	0	17720	0.0024	-0.0005	0.0014	8.36E+06	0.300
3028.420	1201	0	3435	0.0017	-0.0002	0.0014	3.48E+06	0.194	2417.910	2199	0	8083	0.0020	-0.0004	0.0013	5.92E+06	0.307	1642.640	4201	0	16042	0.0024	-0.0006	0.0013	7.94E+06	0.336	3086.480	6200	0	17783	0.0024	-0.0005	0.0014	8.35E+06	0.301
3029.420	1201	0	3482	0.0017	-0.0002	0.0014	3.48E+06	0.194	2418.910	2201	0	8114	0.0020	-0.0004	0.0013	5.96E+06	0.310	1643.640	4200	0	16135	0.0024	-0.0006	0.0013	8.00E+06	0.335	3087.480	6199	0	17798	0.0024	-0.0005	0.0014	8.28E+06	0.300
3030.410	1200	0	3513	0.0017	-0.0002	0.0014	3.50E+06	0.194	2419.910	2201	0	8145	0.0020	-0.0004	0.0013	5.97E+06	0.310	1644.640	4199	0	16166	0.0024	-0.0006	0.0013	7.95E+06	0.331	3088.480	6199	0	17829	0.0024	-0.0005	0.0014	8.33E+06	0.303
3031.410	1200	0	3560	0.0017	-0.0002	0.0014	3.50E+06	0.195	2420.910	2198	0	8192	0.0020	-0.0004	0.0013	5.96E+06	0.307	1645.640	4200	0	16213	0.0025	-0.0006	0.0013	7.99E+06	0.333	3089.480	6200	0	17891	0.0024	-0.0005	0.0014	8.42E+06	0.308
3032.410	1200	0	3513	0.0017	-0.0002	0.0014	3.48E+06	0.197	2421.910	2200	0	8176	0.0020	-0.0004	0.0013	5.96E+06	0.306	1646.640	4201	0	16228	0.0025	-0.0006	0.0013	8.03E+06	0.334	3090.480	6202	0	17907	0.0024	-0.0005	0.0014	8.47E+06	0.310
3033.410	1199	0	3560	0.0017	-0.0002	0.0014	3.50E+06	0.198	2422.910	2201	0	8238	0.0020	-0.0004	0.0013	5.96E+06	0.308	1647.640	4199	0	16275	0.0025	-0.0006	0.0013	8.00E+06	0.336	3091.480	6200	0	17938	0.0024	-0.0005	0.0014	8.45E+06	0.310
3034.410	1199	0	3560	0.0017	-0.0002	0.0014	3.51E+06	0.198	2423.910	2200	0	8254	0.0020	-0.0004	0.0013	5.99E+06	0.308	1648.640	4198	0	16290	0.0025	-0.0006	0.0013	8.05E+06	0.337	3092.480	6201	0	17985	0.0024	-0.0005	0.0014	8.50E+06	0.311
3035.410	1201	0	3591	0.0017	-0.0002	0.0014	3.53E+06	0.198	2424.910	2201	0	8269	0.0020	-0.0004	0.0013	6.02E+06	0.311	1649.640	4201	0	16337	0.0025	-0.0006	0.0013	8.08E+06	0.339	3093.480	6200	0	18031	0.0024	-0.0005	0.0014	8.45E+06	0.309
3036.410	1201	0	3622	0.0017	-0.0002	0.0014	3.55E+06	0.198	2425.910	2200	0	8301	0.0020	-0.0004	0.0013	6.02E+06	0.312	1650.640	4201	0	16399	0.0025	-0.0006	0.0013	8.01E+06	0.337	3094.480	6200	0	18109	0.0025	-0.0005	0.0014	8.46E+06	0.309
3037.410	1201	0	3622	0.0017	-0.0002	0.0014	3.58E+06	0.200	2426.910	2201	0	8332	0.0020	-0.0004	0.0013	6.03E+06	0.314	1651.640	4199	0	16446	0.0025	-0.0006	0.0013	8.03E+06	0.337	3095.480	6200	0	18140	0.0025	-0.0005	0.0014	8.51E+06	0.313
3038.410	1200	0	3653	0.0017	-0.0002	0.0014	3.59E+06	0.201	2427.910	2201	0	8347	0.0021	-0.0004	0.0013	6.04E+06	0.314	1652.640	4199	0	16461	0.0025	-0.0006	0.0013	8.05E+06	0.336	3096.480	6200	0	18156	0.0025	-0.0005	0.0014	8.51E+06	0.314
3039.410	1199	0	3637	0.0017	-0.0002	0.0014	3.63E+06	0.201	2428.910	2201	0	8394	0.0021	-0.0004	0.0013	6.05E+06	0.312	1653.640	4199	0	16461	0.0025	-0.0006	0.0013	7										

3083.400	1199	0	4539	0.0020	-0.0002	0.0016	3.68E+06	0.207	2472.890	2201	0	9715	0.0023	-0.0005	0.0014	6.17E+06	0.328	1697.630	4201	0	18171	0.0027	-0.0007	0.0014	8.27E+06	0.360	3141.470	6200	0	19928	0.0026	-0.0006	0.0015	8.91E+06	0.310
3084.400	1200	0	4539	0.0020	-0.0002	0.0016	3.68E+06	0.208	2473.890	2201	0	9793	0.0023	-0.0005	0.0014	6.17E+06	0.328	1698.620	4200	0	18264	0.0027	-0.0007	0.0014	8.21E+06	0.360	3142.460	6199	0	19959	0.0027	-0.0006	0.0015	8.88E+06	0.310
3085.400	1201	0	4554	0.0020	-0.0002	0.0016	3.71E+06	0.208	2474.890	2200	0	9762	0.0023	-0.0005	0.0014	6.14E+06	0.327	1699.620	4202	0	18264	0.0027	-0.0007	0.0014	8.26E+06	0.362	3143.460	6199	0	19990	0.0027	-0.0006	0.0015	8.94E+06	0.312
3086.400	1201	0	4570	0.0020	-0.0002	0.0016	3.70E+06	0.208	2475.890	2201	0	9793	0.0023	-0.0005	0.0014	6.15E+06	0.328	1700.620	4200	0	18327	0.0027	-0.0007	0.0014	8.31E+06	0.366	3144.460	6199	0	20036	0.0027	-0.0006	0.0015	8.93E+06	0.311
3087.400	1200	0	4601	0.0020	-0.0002	0.0016	3.72E+06	0.210	2476.890	2201	0	9855	0.0023	-0.0005	0.0014	6.14E+06	0.330	1701.620	4200	0	18358	0.0027	-0.0007	0.0014	8.25E+06	0.360	3145.460	6199	0	20083	0.0027	-0.0006	0.0015	8.91E+06	0.310
3088.400	1201	0	4648	0.0020	-0.0002	0.0016	3.72E+06	0.210	2477.890	2201	0	9886	0.0023	-0.0005	0.0014	6.16E+06	0.331	1702.620	4201	0	18420	0.0027	-0.0007	0.0014	8.23E+06	0.357	3146.460	6199	0	20114	0.0027	-0.0006	0.0015	8.92E+06	0.311
3089.400	1202	0	4632	0.0020	-0.0002	0.0016	3.72E+06	0.211	2478.890	2201	0	9917	0.0023	-0.0005	0.0014	6.21E+06	0.333	1703.620	4200	0	18451	0.0027	-0.0007	0.0014	8.21E+06	0.358	3147.460	6199	0	20145	0.0027	-0.0006	0.0015	8.87E+06	0.310
3090.400	1200	0	4663	0.0020	-0.0002	0.0016	3.75E+06	0.213	2479.890	2201	0	9948	0.0023	-0.0005	0.0014	6.17E+06	0.332	1704.620	4202	0	18529	0.0027	-0.0007	0.0014	8.17E+06	0.360	3148.460	6201	0	20207	0.0027	-0.0006	0.0015	8.88E+06	0.310
3091.400	1199	0	4694	0.0020	-0.0002	0.0016	3.77E+06	0.215	2480.890	2201	0	9964	0.0023	-0.0005	0.0014	6.19E+06	0.333	1705.620	4199	0	18575	0.0027	-0.0007	0.0014	8.16E+06	0.357	3149.460	6200	0	20239	0.0027	-0.0006	0.0015	8.87E+06	0.308
3092.390	1198	0	4694	0.0020	-0.0002	0.0016	3.80E+06	0.219	2481.890	2201	0	9979	0.0023	-0.0005	0.0014	6.25E+06	0.337	1706.620	4200	0	18591	0.0027	-0.0007	0.0014	8.16E+06	0.358	3150.460	6199	0	20270	0.0027	-0.0006	0.0015	8.86E+06	0.312
3093.390	1201	0	4710	0.0020	-0.0002	0.0016	3.81E+06	0.223	2482.890	2198	0	10026	0.0023	-0.0005	0.0014	6.27E+06	0.337	1707.620	4201	0	18637	0.0028	-0.0007	0.0014	8.12E+06	0.357	3151.460	6199	0	20316	0.0027	-0.0006	0.0015	8.88E+06	0.313
3094.390	1201	0	4756	0.0020	-0.0002	0.0016	3.83E+06	0.224	2483.890	2201	0	10088	0.0023	-0.0005	0.0014	6.30E+06	0.338	1708.620	4200	0	18669	0.0028	-0.0007	0.0014	8.13E+06	0.353	3152.460	6199	0	20363	0.0027	-0.0006	0.0015	8.88E+06	0.315
3095.390	1199	0	4756	0.0020	-0.0002	0.0016	3.80E+06	0.224	2484.890	2200	0	10088	0.0023	-0.0005	0.0014	6.29E+06	0.338	1709.620	4201	0	18715	0.0027	-0.0007	0.0014	8.12E+06	0.350	3153.460	6200	0	20441	0.0027	-0.0006	0.0015	8.76E+06	0.314
3096.390	1201	0	4803	0.0020	-0.0002	0.0016	3.78E+06	0.225	2485.890	2201	0	10119	0.0023	-0.0005	0.0014	6.28E+06	0.336	1710.620	4199	0	18762	0.0027	-0.0007	0.0014	8.08E+06	0.351	3154.460	6200	0	20456	0.0027	-0.0006	0.0015	8.76E+06	0.313
3097.390	1199	0	4803	0.0020	-0.0002	0.0016	3.78E+06	0.226	2486.890	2200	0	10166	0.0023	-0.0005	0.0014	6.21E+06	0.336	1711.620	4200	0	18793	0.0028	-0.0007	0.0014	8.08E+06	0.350	3155.460	6202	0	20503	0.0027	-0.0006	0.0015	8.79E+06	0.313
3098.390	1199	0	4819	0.0020	-0.0002	0.0016	3.75E+06	0.228	2487.890	2199	0	10166	0.0024	-0.0005	0.0014	6.20E+06	0.337	1712.620	4199	0	18824	0.0028	-0.0007	0.0014	8.07E+06	0.348	3156.460	6199	0	20534	0.0027	-0.0006	0.0015	8.77E+06	0.311
3099.390	1200	0	4819	0.0021	-0.0002	0.0016	3.73E+06	0.230	2488.890	2201	0	10213	0.0023	-0.0005	0.0014	6.19E+06	0.336	1713.620	4199	0	18886	0.0028	-0.0007	0.0014	8.01E+06	0.347	3157.460	6200	0	20565	0.0027	-0.0006	0.0015	8.80E+06	0.309
3100.390	1201	0	4850	0.0021	-0.0002	0.0016	3.70E+06	0.229	2489.890	2200	0	10275	0.0023	-0.0005	0.0014	6.20E+06	0.339	1714.620	4199	0	18917	0.0028	-0.0007	0.0014	8.03E+06	0.347	3158.460	6200	0	20627	0.0027	-0.0006	0.0015	8.77E+06	0.309
3101.390	1201	0	4896	0.0021	-0.0002	0.0016	3.70E+06	0.232	2490.890	2200	0	10290	0.0024	-0.0005	0.0014	6.18E+06	0.338	1715.620	4201	0	18948	0.0028	-0.0007	0.0014	8.02E+06	0.349	3159.460	6199	0	20643	0.0027	-0.0006	0.0015	8.73E+06	0.310
3102.390	1201	0	4927	0.0021	-0.0002	0.0016	3.70E+06	0.232	2491.890	2200	0	10321	0.0024	-0.0005	0.0014	6.21E+06	0.338	1716.620	4199	0	19011	0.0028	-0.0007	0.0014	7.96E+06	0.348	3160.460	6199	0	20689	0.0028	-0.0006	0.0015	8.74E+06	0.310
3103.390	1201	0	4943	0.0021	-0.0002	0.0016	3.71E+06	0.235	2492.890	2201	0	10337	0.0024	-0.0005	0.0014	6.17E+06	0.338	1717.620	4201	0	19026	0.0028	-0.0007	0.0014	8.01E+06	0.350	3161.460	6199	0	20736	0.0027	-0.0006	0.0015	8.79E+06	0.313
3104.390	1200	0	4912	0.0021	-0.0002	0.0016	3.70E+06	0.234	2493.890	2201	0	10368	0.0024	-0.0005	0.0014	6.18E+06	0.342	1718.620	4199	0	19088	0.0028	-0.0007	0.0014	8.06E+06	0.349	3162.460	6200	0	20783	0.0027	-0.0006	0.0015	8.75E+06	0.312
3105.390	1201	0	4927	0.0021	-0.0002	0.0016	3.67E+06	0.234	2494.890	2200	0	10415	0.0024	-0.0005	0.0014	6.14E+06	0.343	1719.620	4198	0	19119	0.0028	-0.0007	0.0014	8.05E+06	0.348	3163.460	6199	0	20845	0.0027	-0.0006	0.0015	8.77E+06	0.314
3106.390	1202	0	4959	0.0021	-0.0002	0.0016	3.67E+06	0.233	2495.890	2200	0	10430	0.0024	-0.0005	0.0014	6.19E+06	0.344	1720.620	4199	0	19181	0.0028	-0.0007	0.0014	8.05E+06	0.348	3164.460	6199	0	20876	0.0028	-0.0006	0.0015	8.79E+06	0.311
3107.390	1201	0	4974	0.0021	-0.0002	0.0016	3.66E+06	0.233	2496.890	2201	0	10461	0.0024	-0.0005	0.0014	6.18E+06	0.342	1721.620	4199	0	19213	0.0028	-0.0007	0.0014	8.03E+06	0.348	3165.460	6201	0	20922	0.0028	-0.0006	0.0015	8.80E+06	0.315
3108.390	1199	0	4990	0.0021	-0.0002	0.0016	3.68E+06	0.235	2497.890	2200	0	10508	0.0024	-0.0005	0.0014	6.19E+06	0.342	1722.620	4200	0	19244	0.0028	-0.0007	0.0014	8.01E+06	0.345	3166.460	6199	0	20969	0.0028	-0.0006	0.0015	8.73E+06	0.313
3109.390	1200	0	5021	0.0021	-0.0002	0.0016	3.71E+06	0.236	2498.890	2201	0	10554	0.0024	-0.0005	0.0014	6.16E+06	0.342	1723.620	4201	0	19259	0.0028	-0.0007	0.0014	8.00E+06	0.344	3167.460	6199	0	20985	0.0028	-0.0006	0.0015	8.79E+06	0.314
3110.390	1201	0	5052	0.0021	-0.0002	0.0016	3.69E+06	0.237	2499.890	2200	0	10570	0.0024	-0.0005	0.0014	6.19E+06	0.340	1724.620	4201	0	19321	0.0028	-0.0007	0.0014	8.06E+06	0.345	3168.460	6200	0	21031	0.0028	-0.0006	0.0015	8.78E+06	0.317
3111.390	1200	0	5036	0.0021	-0.0002	0.0016	3.67E+06	0.236	2500.890	2201	0	10601	0.0024	-0.0005	0.0014	6.22E+06	0.341	1725.620	4200	0	19337	0.0028	-0.0007	0.0014	7.99E+06	0.344	3169.460	6199	0	21078	0.0028	-0.0006	0.0015	8.81E+06	0.317
3112.390	1201	0	5067	0.0021	-0.0002	0.0016	3.68E+06	0.238	2501.890	2201	0	10617	0.0024	-0.0005	0.0014	6.23E+06	0.342	1726.620	4201	0	19384	0.0028	-0.0007	0.0014	8.01E+06	0.346	3170.460	6200	0	21125	0.0028	-0.0006	0.0015	8.86E+06	0.317
3113.390	1201	0	5098	0.0021	-0.0002	0.0016	3.69E+06	0.240	2502.890	2201	0	10663	0.0024	-0.0005	0.0014	6.28E+06	0.344	1727.620	4202	0	19430	0.0028	-0.0007	0.0014	8.01E+06	0.346	3171.460	6199	0	21171	0.0028	-0.0006	0.0015	8.93E+06	0.320
3114.390	1200	0	5098	0.0021	-0.0002	0.0016	3.72E+06	0.242	2503.880	2201	0	10694	0.0024	-0.0005	0.0014	6.31E+06	0.343	1728.610	4199	0	19446	0.0028	-0.0007	0.0014	7.99E+06	0.346	3172.460	6199	0	21202	0.0028	-0.0006	0.0015	9.00E+06	0.320
3115.390	1200	0	5145	0.0021	-0.0002	0.0016	3.74E+06	0.245	2504.880	2201	0	10710	0.0024	-0.0005	0.0014	6.26E+06	0.343	1729.610	4200	0	19508	0.0029	-												

3159.370	1201	0	5953	0.0023	-0.0003	0.0017	4.11E+06	0.271	2548.870	2201	0	12497	0.0027	-0.0006	0.0015	6.42E+06	0.370	1773.600	4199	0	21467	0.0031	-0.0008	0.0015	8.01E+06	0.368	3217.440	6199	0	23456	0.0030	-0.0007	0.0016	8.03E+06	0.344
3160.370	1201	0	5969	0.0023	-0.0003	0.0017	4.16E+06	0.274	2549.870	2201	0	12529	0.0027	-0.0006	0.0015	6.37E+06	0.371	1774.600	4201	0	21498	0.0031	-0.0008	0.0015	8.00E+06	0.369	3218.440	6200	0	23767	0.0031	-0.0007	0.0016	7.82E+06	0.343
3161.370	1200	0	6000	0.0023	-0.0003	0.0017	4.15E+06	0.272	2550.870	2201	0	12591	0.0027	-0.0006	0.0015	6.38E+06	0.372	1775.600	4200	0	21560	0.0031	-0.0008	0.0015	8.02E+06	0.369	3219.440	6199	0	24047	0.0031	-0.0007	0.0016	7.57E+06	0.344
3162.370	1201	0	6031	0.0023	-0.0003	0.0017	4.14E+06	0.271	2551.870	2201	0	12606	0.0027	-0.0006	0.0015	6.39E+06	0.373	1776.600	4199	0	21575	0.0031	-0.0008	0.0015	7.96E+06	0.366	3220.440	6201	0	24062	0.0031	-0.0007	0.0016	7.39E+06	0.345
3163.370	1201	0	6016	0.0024	-0.0003	0.0017	4.17E+06	0.272	2552.870	2200	0	12637	0.0027	-0.0006	0.0015	6.37E+06	0.374	1777.600	4199	0	21606	0.0031	-0.0008	0.0015	7.95E+06	0.366	3221.440	6201	0	23876	0.0031	-0.0007	0.0016	7.25E+06	0.347
3164.370	1199	0	6047	0.0024	-0.0003	0.0017	4.15E+06	0.274	2553.870	2201	0	12653	0.0027	-0.0006	0.0015	6.37E+06	0.375	1778.600	4199	0	21637	0.0031	-0.0008	0.0015	7.95E+06	0.365	3222.440	6200	0	23720	0.0031	-0.0007	0.0016	7.21E+06	0.350
3165.370	1200	0	6047	0.0024	-0.0003	0.0017	4.15E+06	0.276	2554.870	2200	0	12668	0.0027	-0.0006	0.0015	6.36E+06	0.373	1779.600	4202	0	21684	0.0031	-0.0008	0.0015	7.97E+06	0.366	3223.440	6199	0	23565	0.0031	-0.0007	0.0016	7.27E+06	0.350
3166.370	1202	0	6124	0.0024	-0.0003	0.0017	4.20E+06	0.278	2555.870	2200	0	12746	0.0027	-0.0006	0.0015	6.31E+06	0.374	1780.600	4200	0	21715	0.0031	-0.0008	0.0015	7.98E+06	0.369	3224.440	6199	0	23487	0.0031	-0.0007	0.0016	7.40E+06	0.352
3167.370	1200	0	6109	0.0024	-0.0003	0.0017	4.22E+06	0.278	2556.870	2201	0	12777	0.0027	-0.0006	0.0015	6.32E+06	0.374	1781.600	4200	0	21762	0.0031	-0.0008	0.0015	7.96E+06	0.365	3225.440	6199	0	23347	0.0031	-0.0007	0.0016	7.50E+06	0.351
3168.370	1203	0	6140	0.0024	-0.0003	0.0018	4.22E+06	0.279	2557.870	2201	0	12793	0.0028	-0.0006	0.0015	6.32E+06	0.375	1782.600	4202	0	21824	0.0031	-0.0008	0.0015	7.94E+06	0.366	3226.440	6199	0	23301	0.0031	-0.0007	0.0016	7.59E+06	0.349
3169.370	1200	0	6124	0.0024	-0.0003	0.0017	4.25E+06	0.280	2558.870	2199	0	12824	0.0027	-0.0006	0.0015	6.30E+06	0.373	1783.600	4201	0	21855	0.0031	-0.0008	0.0015	7.95E+06	0.370	3227.440	6199	0	23239	0.0031	-0.0007	0.0016	7.70E+06	0.349
3170.370	1199	0	6171	0.0024	-0.0003	0.0017	4.24E+06	0.282	2559.870	2199	0	12886	0.0028	-0.0006	0.0015	6.32E+06	0.375	1784.600	4199	0	21855	0.0031	-0.0008	0.0015	7.97E+06	0.374	3228.440	6200	0	23378	0.0031	-0.0007	0.0016	7.79E+06	0.349
3171.370	1201	0	6171	0.0024	-0.0003	0.0018	4.26E+06	0.284	2560.870	2199	0	12855	0.0028	-0.0006	0.0015	6.32E+06	0.376	1785.600	4200	0	21886	0.0032	-0.0008	0.0015	7.94E+06	0.371	3229.440	6199	0	23658	0.0031	-0.0007	0.0016	7.91E+06	0.349
3172.370	1201	0	6202	0.0024	-0.0003	0.0018	4.30E+06	0.285	2561.870	2201	0	12902	0.0028	-0.0006	0.0015	6.28E+06	0.377	1786.600	4200	0	21917	0.0032	-0.0008	0.0015	7.95E+06	0.371	3230.440	6200	0	23891	0.0031	-0.0007	0.0016	8.04E+06	0.347
3173.370	1200	0	6218	0.0024	-0.0003	0.0018	4.31E+06	0.285	2562.870	2200	0	12948	0.0028	-0.0006	0.0015	6.31E+06	0.379	1787.600	4200	0	21979	0.0031	-0.0008	0.0015	7.98E+06	0.372	3231.440	6199	0	24109	0.0031	-0.0007	0.0016	8.16E+06	0.346
3174.370	1201	0	6233	0.0024	-0.0003	0.0018	4.31E+06	0.287	2563.870	2201	0	12979	0.0028	-0.0006	0.0015	6.32E+06	0.380	1788.600	4200	0	22042	0.0031	-0.0008	0.0015	7.97E+06	0.370	3232.440	6199	0	24249	0.0031	-0.0008	0.0016	8.27E+06	0.346
3175.370	1200	0	6264	0.0024	-0.0003	0.0018	4.41E+06	0.290	2564.870	2200	0	12979	0.0028	-0.0006	0.0015	6.27E+06	0.380	1789.600	4201	0	22088	0.0032	-0.0008	0.0015	7.99E+06	0.372	3233.440	6200	0	24435	0.0031	-0.0008	0.0016	8.42E+06	0.345
3176.370	1200	0	6280	0.0024	-0.0003	0.0018	4.44E+06	0.293	2565.860	2201	0	13042	0.0028	-0.0006	0.0015	6.31E+06	0.379	1790.600	4197	0	22088	0.0032	-0.0008	0.0015	8.03E+06	0.369	3234.440	6200	0	24529	0.0031	-0.0008	0.0016	8.55E+06	0.346
3177.370	1201	0	6295	0.0024	-0.0003	0.0018	4.48E+06	0.292	2566.860	2201	0	13057	0.0028	-0.0006	0.0015	6.34E+06	0.381	1791.590	4201	0	22135	0.0032	-0.0008	0.0015	7.98E+06	0.373	3235.440	6199	0	24653	0.0032	-0.0008	0.0016	8.69E+06	0.345
3178.370	1202	0	6358	0.0024	-0.0003	0.0018	4.58E+06	0.292	2567.860	2199	0	13104	0.0028	-0.0006	0.0015	6.36E+06	0.383	1792.590	4200	0	22182	0.0032	-0.0008	0.0015	7.99E+06	0.376	3236.430	6199	0	24746	0.0032	-0.0008	0.0016	8.91E+06	0.346
3179.370	1199	0	6358	0.0024	-0.0003	0.0018	4.62E+06	0.292	2568.860	2200	0	13135	0.0028	-0.0006	0.0015	6.42E+06	0.385	1793.590	4200	0	22213	0.0032	-0.0008	0.0015	8.01E+06	0.373	3237.430	6199	0	24808	0.0032	-0.0008	0.0016	9.15E+06	0.344
3180.370	1200	0	6373	0.0025	-0.0003	0.0018	4.68E+06	0.293	2569.860	2200	0	13166	0.0028	-0.0006	0.0015	6.44E+06	0.387	1794.590	4199	0	22244	0.0032	-0.0008	0.0015	7.95E+06	0.370	3238.430	6199	0	24793	0.0032	-0.0008	0.0017	9.31E+06	0.347
3181.370	1200	0	6404	0.0024	-0.0003	0.0018	4.71E+06	0.293	2570.860	2200	0	13228	0.0028	-0.0007	0.0015	6.46E+06	0.388	1795.590	4200	0	22290	0.0032	-0.0008	0.0015	8.01E+06	0.373	3239.430	6200	0	24529	0.0032	-0.0008	0.0016	9.58E+06	0.350
3182.370	1199	0	6435	0.0024	-0.0003	0.0018	4.67E+06	0.293	2571.860	2200	0	13228	0.0028	-0.0007	0.0015	6.51E+06	0.392	1796.590	4200	0	22290	0.0032	-0.0008	0.0015	8.01E+06	0.372	3240.430	6199	0	24311	0.0032	-0.0008	0.0016	9.73E+06	0.350
3183.370	1202	0	6435	0.0024	-0.0003	0.0018	4.63E+06	0.296	2572.860	2200	0	13290	0.0028	-0.0006	0.0015	6.51E+06	0.391	1797.590	4200	0	22337	0.0032	-0.0008	0.0015	7.98E+06	0.372	3241.430	6199	0	24125	0.0032	-0.0008	0.0017	1.00E+07	0.352
3184.370	1200	0	6451	0.0025	-0.0003	0.0018	4.58E+06	0.297	2573.860	2200	0	13290	0.0028	-0.0007	0.0015	6.52E+06	0.392	1798.590	4200	0	22384	0.0032	-0.0008	0.0015	8.02E+06	0.372	3242.430	6199	0	23985	0.0032	-0.0008	0.0016	1.03E+07	0.350
3185.360	1200	0	6466	0.0024	-0.0003	0.0018	4.49E+06	0.297	2574.860	2200	0	13306	0.0028	-0.0007	0.0015	6.55E+06	0.393	1799.590	4200	0	22399	0.0032	-0.0008	0.0015	8.02E+06	0.372	3243.430	6199	0	23860	0.0032	-0.0008	0.0017	1.06E+07	0.349
3186.360	1200	0	6482	0.0025	-0.0003	0.0018	4.41E+06	0.297	2575.860	2199	0	13337	0.0028	-0.0007	0.0015	6.58E+06	0.394	1800.590	4200	0	22446	0.0032	-0.0008	0.0015	8.01E+06	0.373	3244.430	6199	0	23783	0.0032	-0.0008	0.0016	1.07E+07	0.346
3187.360	1199	0	6513	0.0025	-0.0003	0.0018	4.34E+06	0.298	2576.860	2200	0	13384	0.0028	-0.0007	0.0015	6.58E+06	0.395	1801.590	4201	0	22492	0.0032	-0.0008	0.0015	8.02E+06	0.373	3245.430	6200	0	23751	0.0032	-0.0008	0.0016	1.09E+07	0.344
3188.360	1201	0	6529	0.0025	-0.0003	0.0018	4.22E+06	0.299	2577.860	2201	0	13399	0.0028	-0.0007	0.0015	6.62E+06	0.394	1802.590	4201	0	22570	0.0032	-0.0009	0.0015	8.09E+06	0.373	3246.430	6200	0	23860	0.0032	-0.0008	0.0016	1.10E+07	0.343
3189.360	1201	0	6544	0.0025	-0.0003	0.0018	4.09E+06	0.298	2578.860	2200	0	13430	0.0028	-0.0007	0.0015	6.68E+06	0.395	1803.590	4199	0	22539	0.0032	-0.0009	0.0015	8.05E+06	0.374	3247.430	6199	0	24218	0.0032	-0.0008	0.0016	1.11E+07	0.345
3190.360	1201	0	6575	0.0025	-0.0003	0.0018	4.03E+06	0.300	2579.860	2201	0	13461	0.0028	-0.0007	0.0015	6.67E+06	0.399	1804.590	4202	0	22601	0.0032	-0.0009	0.0015	8.05E+06	0.377	3248.430	6201	0	24606	0.0032	-0.0008	0.0016	1.12E+07	0.344
3191.360	1200	0	6622	0.0025	-0.0003	0.0018	3.94E+06	0.300	2580.860	2201	0	13508	0.0028	-0.0007	0.0015	6.67E+06	0.401	1805.590	4201	0	22632	0													

3235.350	1201	0	7927	0.0028	-0.0004	0.0019	6.21E+06	0.349	2624.850	2200	0	14720	0.0030	-0.0007	0.0015	6.70E+06	0.410	1849.580	4202	0	24591	0.0035	-0.0010	0.0016	8.19E+06	0.410	3293.420	6200	0	26938	0.0034	-0.0009	0.0017	9.19E+06	0.354
3236.350	1202	0	7990	0.0028	-0.0004	0.0019	6.18E+06	0.348	2625.850	2200	0	14736	0.0031	-0.0007	0.0016	6.73E+06	0.414	1850.580	4199	0	24669	0.0035	-0.0009	0.0016	8.17E+06	0.412	3294.420	6199	0	26969	0.0034	-0.0009	0.0017	9.23E+06	0.356
3237.350	1203	0	8036	0.0028	-0.0004	0.0019	6.15E+06	0.348	2626.850	2201	0	14782	0.0030	-0.0007	0.0015	6.79E+06	0.416	1851.580	4199	0	24669	0.0035	-0.0010	0.0016	8.15E+06	0.409	3295.420	6199	0	27016	0.0034	-0.0009	0.0017	9.23E+06	0.356
3238.350	1200	0	8083	0.0028	-0.0005	0.0019	6.13E+06	0.350	2627.850	2201	0	14798	0.0030	-0.0007	0.0016	6.79E+06	0.417	1852.580	4201	0	24731	0.0035	-0.0010	0.0016	8.12E+06	0.404	3296.420	6199	0	27062	0.0034	-0.0009	0.0017	9.27E+06	0.358
3239.350	1201	0	8130	0.0028	-0.0005	0.0019	6.09E+06	0.351	2628.840	2201	0	14860	0.0030	-0.0007	0.0016	6.85E+06	0.419	1853.580	4202	0	24793	0.0035	-0.0009	0.0016	8.10E+06	0.400	3297.420	6199	0	27109	0.0034	-0.0009	0.0017	9.22E+06	0.357
3240.350	1198	0	8161	0.0028	-0.0004	0.0019	6.01E+06	0.350	2629.840	2201	0	14922	0.0031	-0.0007	0.0016	6.87E+06	0.418	1854.570	4200	0	24824	0.0035	-0.0010	0.0016	8.04E+06	0.403	3298.410	6199	0	27156	0.0035	-0.0009	0.0017	9.18E+06	0.362
3241.350	1198	0	8238	0.0028	-0.0005	0.0019	5.98E+06	0.350	2630.840	2201	0	14922	0.0031	-0.0007	0.0016	6.84E+06	0.424	1855.570	4201	0	24824	0.0035	-0.0010	0.0016	8.02E+06	0.405	3299.410	6199	0	27156	0.0035	-0.0009	0.0017	9.20E+06	0.363
3242.350	1200	0	8269	0.0028	-0.0005	0.0019	5.90E+06	0.351	2631.840	2201	0	14953	0.0031	-0.0008	0.0016	6.81E+06	0.426	1856.570	4200	0	24886	0.0035	-0.0010	0.0016	8.04E+06	0.410	3300.410	6199	0	27202	0.0034	-0.0009	0.0017	9.16E+06	0.360
3243.350	1201	0	8316	0.0028	-0.0005	0.0019	5.84E+06	0.353	2632.840	2201	0	14969	0.0031	-0.0008	0.0015	6.79E+06	0.425	1857.570	4200	0	24902	0.0035	-0.0010	0.0016	7.96E+06	0.411	3301.410	6199	0	27264	0.0035	-0.0009	0.0017	9.19E+06	0.364
3244.350	1201	0	8332	0.0029	-0.0005	0.0019	5.77E+06	0.355	2633.840	2200	0	14985	0.0031	-0.0008	0.0015	6.75E+06	0.425	1858.570	4202	0	24933	0.0035	-0.0010	0.0016	7.92E+06	0.407	3302.410	6199	0	27280	0.0035	-0.0009	0.0017	9.27E+06	0.364
3245.350	1202	0	8378	0.0029	-0.0005	0.0019	5.66E+06	0.357	2634.840	2199	0	15031	0.0031	-0.0008	0.0016	6.77E+06	0.422	1859.570	4199	0	24995	0.0035	-0.0010	0.0016	7.91E+06	0.405	3303.410	6202	0	27358	0.0035	-0.0009	0.0017	9.26E+06	0.364
3246.350	1200	0	8363	0.0029	-0.0005	0.0019	5.56E+06	0.358	2635.840	2200	0	15047	0.0031	-0.0008	0.0016	6.77E+06	0.422	1860.570	4199	0	25026	0.0035	-0.0010	0.0015	7.87E+06	0.404	3304.410	6200	0	27373	0.0035	-0.0009	0.0017	9.22E+06	0.362
3247.350	1199	0	8409	0.0029	-0.0005	0.0019	5.47E+06	0.363	2636.840	2200	0	15078	0.0031	-0.0008	0.0016	6.79E+06	0.422	1861.570	4199	0	25057	0.0035	-0.0010	0.0016	7.86E+06	0.404	3305.410	6202	0	27420	0.0035	-0.0009	0.0017	9.26E+06	0.362
3248.340	1201	0	8425	0.0029	-0.0005	0.0019	5.33E+06	0.367	2637.840	2199	0	15109	0.0031	-0.0008	0.0016	6.76E+06	0.420	1862.570	4199	0	25119	0.0035	-0.0010	0.0016	7.87E+06	0.408	3306.410	6201	0	27467	0.0035	-0.0009	0.0017	9.25E+06	0.362
3249.340	1200	0	8456	0.0029	-0.0005	0.0019	5.18E+06	0.371	2638.840	2200	0	15124	0.0031	-0.0008	0.0016	6.79E+06	0.424	1863.570	4201	0	25150	0.0035	-0.0010	0.0016	7.77E+06	0.398	3307.410	6199	0	27513	0.0035	-0.0009	0.0017	9.23E+06	0.363
3250.340	1201	0	8456	0.0029	-0.0005	0.0019	5.06E+06	0.378	2639.840	2199	0	15187	0.0031	-0.0008	0.0016	6.76E+06	0.421	1864.570	4200	0	25166	0.0035	-0.0010	0.0016	7.80E+06	0.399	3308.410	6199	0	27560	0.0035	-0.0009	0.0017	9.40E+06	0.368
3251.340	1200	0	8487	0.0029	-0.0005	0.0019	4.93E+06	0.381	2640.840	2200	0	15218	0.0031	-0.0008	0.0016	6.81E+06	0.426	1865.570	4201	0	25213	0.0035	-0.0010	0.0016	7.79E+06	0.402	3309.410	6199	0	27606	0.0035	-0.0009	0.0017	9.40E+06	0.366
3252.340	1201	0	8456	0.0029	-0.0005	0.0019	4.83E+06	0.388	2641.840	2201	0	15233	0.0031	-0.0008	0.0016	6.85E+06	0.430	1866.570	4199	0	25244	0.0035	-0.0010	0.0016	7.69E+06	0.410	3310.410	6201	0	27622	0.0035	-0.0009	0.0017	9.37E+06	0.367
3253.340	1204	0	8487	0.0029	-0.0005	0.0019	4.77E+06	0.390	2642.840	2201	0	15295	0.0031	-0.0008	0.0016	6.82E+06	0.429	1867.570	4202	0	25290	0.0035	-0.0010	0.0016	7.65E+06	0.414	3311.410	6200	0	27638	0.0035	-0.0009	0.0017	9.57E+06	0.372
3254.340	1200	0	8487	0.0029	-0.0005	0.0019	4.72E+06	0.398	2643.840	2201	0	15295	0.0031	-0.0008	0.0016	6.77E+06	0.429	1868.570	4200	0	25321	0.0036	-0.0010	0.0016	7.56E+06	0.416	3312.410	6199	0	27700	0.0035	-0.0009	0.0017	9.55E+06	0.372
3255.340	1198	0	8472	0.0029	-0.0005	0.0019	4.69E+06	0.406	2644.840	2200	0	15358	0.0031	-0.0008	0.0016	6.79E+06	0.426	1869.570	4200	0	25368	0.0036	-0.0010	0.0016	7.41E+06	0.418	3313.410	6199	0	27746	0.0035	-0.0009	0.0017	9.47E+06	0.369
3256.340	1200	0	8503	0.0029	-0.0005	0.0019	4.65E+06	0.412	2645.840	2200	0	15389	0.0031	-0.0008	0.0016	6.77E+06	0.429	1870.570	4199	0	25399	0.0036	-0.0010	0.0016	7.29E+06	0.416	3314.410	6199	0	27809	0.0035	-0.0009	0.0017	9.51E+06	0.372
3257.340	1200	0	8518	0.0029	-0.0005	0.0019	4.59E+06	0.415	2646.840	2199	0	15404	0.0031	-0.0008	0.0016	6.78E+06	0.429	1871.570	4199	0	25446	0.0036	-0.0010	0.0016	7.30E+06	0.409	3315.410	6200	0	27855	0.0035	-0.0009	0.0017	9.54E+06	0.373
3258.340	1201	0	8503	0.0029	-0.0005	0.0019	4.55E+06	0.418	2647.840	2200	0	15435	0.0031	-0.0008	0.0016	6.80E+06	0.434	1872.570	4202	0	25446	0.0036	-0.0010	0.0016	7.38E+06	0.414	3316.410	6200	0	27886	0.0035	-0.0009	0.0017	9.52E+06	0.373
3259.340	1200	0	8534	0.0029	-0.0005	0.0019	4.54E+06	0.420	2648.840	2201	0	15482	0.0031	-0.0008	0.0016	6.71E+06	0.431	1873.570	4202	0	25477	0.0036	-0.0010	0.0016	7.33E+06	0.412	3317.410	6200	0	27948	0.0035	-0.0009	0.0017	9.60E+06	0.375
3260.340	1200	0	8518	0.0029	-0.0005	0.0019	4.53E+06	0.425	2649.840	2200	0	15498	0.0032	-0.0008	0.0016	6.67E+06	0.430	1874.570	4200	0	25508	0.0036	-0.0010	0.0016	7.69E+06	0.412	3318.410	6199	0	27964	0.0035	-0.0009	0.0017	9.58E+06	0.375
3261.340	1201	0	8549	0.0029	-0.0005	0.0019	4.56E+06	0.430	2650.840	2201	0	15529	0.0031	-0.0008	0.0016	6.73E+06	0.436	1875.570	4201	0	25539	0.0036	-0.0010	0.0016	7.67E+06	0.418	3319.410	6200	0	27995	0.0035	-0.0009	0.0017	9.51E+06	0.375
3262.340	1200	0	8565	0.0029	-0.0005	0.0019	4.64E+06	0.433	2651.840	2201	0	15591	0.0031	-0.0008	0.0016	6.69E+06	0.432	1876.570	4200	0	25555	0.0036	-0.0010	0.0016	7.73E+06	0.414	3320.410	6199	0	28073	0.0035	-0.0009	0.0017	9.56E+06	0.375
3263.340	1200	0	8580	0.0029	-0.0005	0.0019	4.64E+06	0.432	2652.840	2201	0	15622	0.0032	-0.0008	0.0016	6.71E+06	0.434	1877.570	4201	0	25601	0.0036	-0.0010	0.0016	7.80E+06	0.421	3321.410	6200	0	28135	0.0035	-0.0009	0.0017	9.55E+06	0.377
3264.340	1201	0	8596	0.0029	-0.0005	0.0019	4.61E+06	0.436	2653.840	2199	0	15668	0.0032	-0.0008	0.0016	6.73E+06	0.435	1878.570	4200	0	25632	0.0036	-0.0010	0.0016	7.80E+06	0.417	3322.410	6199	0	28150	0.0036	-0.0009	0.0018	9.50E+06	0.374
3265.340	1199	0	8580	0.0029	-0.0005	0.0019	4.64E+06	0.438	2654.840	2200	0	15684	0.0032	-0.0008	0.0016	6.69E+06	0.433	1879.570	4198	0	25663	0.0036	-0.0010	0.0016	7.88E+06	0.423	3323.410	6199	0	28150	0.0036	-0.0009	0.0017	9.57E+06	0.377
3266.340	1199	0	8596	0.0029	-0.0005	0.0019	4.63E+06	0.430	2655.840	2200	0	15700	0.0032	-0.0008	0.0016	6.69E+06	0.433	1880.570	4200	0	25663	0.0036	-0.0010	0.0016	7.95E+06	0.430	3324.410	6199	0	28197	0.0036	-0.0009	0.0017	9.53E+06	0.378
3267.340	1201	0	8627	0.0029	-0.0005	0.0019	4.74E+06	0.437	2656.840	2200	0	15731	0.0032	-0.0008	0.0016	6.71E+06	0.434	1881.570	4199	0	25695	0													

3311.320	1200	0	9591	0.0031	-0.0006	0.0020	5.32E+06	0.468	2700.820	2200	0	17223	0.0034	-0.0009	0.0016	7.02E+06	0.503	1925.550	4202	0	27606	0.0038	-0.0011	0.0016	8.21E+06	0.426	3369.390	6199	0	30498	0.0038	-0.0010	0.0018	9.62E+06	0.396
3312.320	1199	0	9591	0.0031	-0.0006	0.0019	5.30E+06	0.469	2701.820	2200	0	17301	0.0034	-0.0009	0.0016	7.06E+06	0.507	1926.550	4201	0	27638	0.0038	-0.0011	0.0016	8.17E+06	0.429	3370.390	6199	0	30529	0.0038	-0.0010	0.0018	9.55E+06	0.395
3313.320	1198	0	9653	0.0031	-0.0006	0.0019	5.31E+06	0.471	2702.820	2200	0	17394	0.0034	-0.0009	0.0016	7.03E+06	0.507	1927.550	4201	0	27700	0.0039	-0.0011	0.0016	8.14E+06	0.431	3371.390	6200	0	30622	0.0038	-0.0010	0.0018	9.49E+06	0.394
3314.320	1201	0	9668	0.0031	-0.0006	0.0019	5.28E+06	0.468	2703.820	2201	0	17487	0.0034	-0.0009	0.0016	7.01E+06	0.507	1928.550	4201	0	27715	0.0039	-0.0011	0.0016	8.17E+06	0.442	3372.390	6201	0	30700	0.0038	-0.0010	0.0018	9.45E+06	0.394
3315.320	1199	0	9684	0.0031	-0.0006	0.0019	5.27E+06	0.472	2704.820	2202	0	17549	0.0034	-0.0009	0.0016	7.04E+06	0.510	1929.550	4200	0	27762	0.0039	-0.0011	0.0016	8.23E+06	0.442	3373.390	6200	0	30793	0.0038	-0.0010	0.0018	9.44E+06	0.394
3316.320	1199	0	9700	0.0031	-0.0006	0.0019	5.33E+06	0.475	2705.820	2201	0	17627	0.0034	-0.0009	0.0016	7.02E+06	0.512	1930.550	4199	0	27762	0.0039	-0.0011	0.0016	8.24E+06	0.454	3374.390	6200	0	30871	0.0038	-0.0010	0.0018	9.46E+06	0.396
3317.320	1200	0	9731	0.0031	-0.0006	0.0019	5.35E+06	0.479	2706.820	2201	0	17705	0.0034	-0.0009	0.0016	7.01E+06	0.513	1931.550	4201	0	27840	0.0039	-0.0011	0.0016	8.26E+06	0.459	3375.390	6200	0	30917	0.0038	-0.0010	0.0018	9.38E+06	0.396
3318.320	1202	0	9731	0.0031	-0.0006	0.0019	5.33E+06	0.479	2707.820	2200	0	17751	0.0035	-0.0009	0.0016	7.01E+06	0.515	1932.550	4199	0	27886	0.0039	-0.0011	0.0016	8.20E+06	0.460	3376.390	6199	0	30980	0.0038	-0.0010	0.0018	9.37E+06	0.396
3319.320	1201	0	9777	0.0031	-0.0006	0.0019	5.33E+06	0.477	2708.820	2200	0	17829	0.0035	-0.0009	0.0016	6.99E+06	0.516	1933.550	4199	0	27902	0.0039	-0.0011	0.0016	8.15E+06	0.459	3377.390	6199	0	31011	0.0039	-0.0010	0.0018	9.34E+06	0.396
3320.320	1200	0	9793	0.0031	-0.0006	0.0019	5.27E+06	0.478	2709.820	2201	0	17922	0.0035	-0.0009	0.0016	6.97E+06	0.516	1934.550	4200	0	27917	0.0039	-0.0011	0.0016	8.20E+06	0.462	3378.390	6199	0	31088	0.0038	-0.0010	0.0018	9.33E+06	0.396
3321.320	1200	0	9824	0.0031	-0.0006	0.0019	5.30E+06	0.480	2710.820	2200	0	17953	0.0035	-0.0010	0.0016	6.96E+06	0.518	1935.550	4201	0	27980	0.0039	-0.0011	0.0017	8.20E+06	0.467	3379.390	6200	0	31151	0.0039	-0.0010	0.0018	9.29E+06	0.397
3322.320	1199	0	9855	0.0031	-0.0006	0.0019	5.29E+06	0.477	2711.820	2199	0	18016	0.0035	-0.0010	0.0016	6.93E+06	0.518	1936.550	4199	0	28011	0.0039	-0.0011	0.0017	8.21E+06	0.472	3380.390	6200	0	31244	0.0039	-0.0010	0.0018	9.33E+06	0.398
3323.320	1199	0	9886	0.0032	-0.0006	0.0019	5.26E+06	0.476	2712.820	2200	0	18078	0.0035	-0.0010	0.0016	6.92E+06	0.520	1937.550	4200	0	28073	0.0039	-0.0011	0.0016	8.22E+06	0.474	3381.390	6198	0	31306	0.0039	-0.0010	0.0018	9.28E+06	0.396
3324.320	1199	0	9902	0.0031	-0.0006	0.0019	5.28E+06	0.480	2713.820	2200	0	18140	0.0035	-0.0010	0.0016	6.90E+06	0.523	1938.550	4201	0	28104	0.0039	-0.0011	0.0016	8.16E+06	0.465	3382.390	6200	0	31321	0.0039	-0.0010	0.0018	9.29E+06	0.396
3325.320	1198	0	9917	0.0031	-0.0006	0.0019	5.25E+06	0.477	2714.820	2200	0	18202	0.0035	-0.0010	0.0016	6.85E+06	0.524	1939.550	4199	0	28135	0.0039	-0.0011	0.0016	8.13E+06	0.471	3383.390	6199	0	31384	0.0039	-0.0010	0.0018	9.23E+06	0.395
3326.320	1199	0	9948	0.0032	-0.0006	0.0019	5.22E+06	0.479	2715.820	2199	0	18249	0.0035	-0.0010	0.0016	6.80E+06	0.525	1940.550	4200	0	28182	0.0039	-0.0011	0.0016	8.11E+06	0.472	3384.390	6200	0	31430	0.0039	-0.0010	0.0018	9.18E+06	0.395
3327.320	1201	0	9979	0.0032	-0.0006	0.0019	5.21E+06	0.481	2716.820	2200	0	18311	0.0036	-0.0010	0.0016	6.82E+06	0.530	1941.550	4200	0	28213	0.0039	-0.0011	0.0016	8.14E+06	0.478	3385.390	6200	0	31492	0.0039	-0.0010	0.0018	9.19E+06	0.396
3328.320	1200	0	10010	0.0032	-0.0006	0.0019	5.25E+06	0.486	2717.820	2200	0	18373	0.0035	-0.0010	0.0016	6.83E+06	0.535	1942.550	4200	0	28259	0.0039	-0.0011	0.0016	8.17E+06	0.476	3386.390	6201	0	31570	0.0039	-0.0010	0.0018	9.21E+06	0.396
3329.320	1199	0	10026	0.0032	-0.0006	0.0019	5.26E+06	0.490	2718.820	2201	0	18420	0.0036	-0.0010	0.0016	6.83E+06	0.537	1943.550	4199	0	28290	0.0039	-0.0011	0.0016	8.13E+06	0.483	3387.390	6199	0	31648	0.0039	-0.0010	0.0018	9.17E+06	0.397
3330.320	1200	0	10057	0.0032	-0.0006	0.0019	5.26E+06	0.492	2719.820	2200	0	18466	0.0036	-0.0010	0.0016	6.83E+06	0.539	1944.550	4199	0	28353	0.0039	-0.0011	0.0017	8.09E+06	0.491	3388.390	6200	0	31695	0.0039	-0.0010	0.0018	9.08E+06	0.394
3331.320	1199	0	10073	0.0032	-0.0006	0.0019	5.27E+06	0.493	2720.820	2200	0	18482	0.0036	-0.0010	0.0016	6.79E+06	0.541	1945.550	4199	0	28353	0.0039	-0.0011	0.0017	8.08E+06	0.486	3389.390	6199	0	31710	0.0039	-0.0010	0.0018	8.99E+06	0.393
3332.320	1201	0	10088	0.0032	-0.0006	0.0019	5.28E+06	0.494	2721.810	2199	0	18529	0.0036	-0.0010	0.0016	6.80E+06	0.548	1946.550	4200	0	28415	0.0039	-0.0011	0.0017	8.14E+06	0.483	3390.390	6200	0	31757	0.0039	-0.0010	0.0018	9.00E+06	0.396
3333.320	1201	0	10135	0.0032	-0.0006	0.0020	5.32E+06	0.499	2722.810	2201	0	18591	0.0036	-0.0010	0.0016	6.81E+06	0.552	1947.540	4200	0	28446	0.0040	-0.0012	0.0016	8.10E+06	0.484	3391.390	6200	0	31788	0.0039	-0.0010	0.0018	8.99E+06	0.398
3334.320	1199	0	10150	0.0032	-0.0006	0.0019	5.34E+06	0.504	2723.810	2200	0	18653	0.0036	-0.0010	0.0016	6.81E+06	0.556	1948.540	4201	0	28477	0.0039	-0.0011	0.0017	8.10E+06	0.481	3392.380	6199	0	31866	0.0039	-0.0010	0.0018	9.01E+06	0.397
3335.320	1201	0	10166	0.0032	-0.0006	0.0019	5.36E+06	0.506	2724.810	2201	0	18669	0.0036	-0.0010	0.0016	6.78E+06	0.559	1949.540	4201	0	28539	0.0039	-0.0012	0.0016	8.11E+06	0.479	3393.380	6201	0	31928	0.0039	-0.0011	0.0018	9.02E+06	0.398
3336.320	1200	0	10197	0.0032	-0.0006	0.0019	5.34E+06	0.507	2725.810	2201	0	18700	0.0036	-0.0010	0.0016	6.77E+06	0.567	1950.540	4200	0	28555	0.0040	-0.0012	0.0016	7.98E+06	0.476	3394.380	6200	0	31959	0.0039	-0.0011	0.0018	9.00E+06	0.400
3337.320	1200	0	10228	0.0032	-0.0006	0.0019	5.33E+06	0.507	2726.810	2201	0	18746	0.0036	-0.0010	0.0016	6.73E+06	0.570	1951.540	4200	0	28601	0.0040	-0.0012	0.0016	7.96E+06	0.472	3395.380	6200	0	32005	0.0040	-0.0011	0.0018	9.05E+06	0.402
3338.320	1201	0	10290	0.0032	-0.0006	0.0019	5.28E+06	0.506	2727.810	2200	0	18793	0.0036	-0.0010	0.0016	6.73E+06	0.577	1952.540	4199	0	28648	0.0040	-0.0012	0.0016	7.93E+06	0.476	3396.380	6199	0	32005	0.0040	-0.0011	0.0018	9.00E+06	0.401
3339.320	1200	0	10275	0.0032	-0.0006	0.0020	5.27E+06	0.506	2728.810	2199	0	18839	0.0036	-0.0010	0.0016	6.74E+06	0.584	1953.540	4200	0	28679	0.0040	-0.0012	0.0016	7.92E+06	0.472	3397.380	6200	0	32083	0.0040	-0.0011	0.0018	8.98E+06	0.401
3340.320	1201	0	10306	0.0032	-0.0006	0.0019	5.27E+06	0.508	2729.810	2200	0	18855	0.0036	-0.0010	0.0016	6.72E+06	0.587	1954.540	4200	0	28710	0.0040	-0.0012	0.0016	7.96E+06	0.475	3398.380	6199	0	32130	0.0040	-0.0011	0.0018	9.04E+06	0.403
3341.320	1199	0	10368	0.0032	-0.0006	0.0019	5.27E+06	0.510	2730.810	2200	0	18871	0.0036	-0.0010	0.0016	6.68E+06	0.589	1955.540	4200	0	28757	0.0040	-0.0012	0.0016	7.94E+06	0.475	3399.380	6199	0	32176	0.0040	-0.0011	0.0018	9.06E+06	0.403
3342.310	1199	0	10368	0.0032	-0.0006	0.0019	5.27E+06	0.511	2731.810	2201	0	18933	0.0036	-0.0010	0.0016	6.73E+06	0.595	1956.540	4196	0	28819	0.0040	-0.0012	0.0016	7.89E+06	0.480	3400.380	6200	0	32208	0.0040	-0.0011	0.0018	9.08E+06	0.402
3343.310	1201	0	10368	0.0032	-0.0006	0.0019	5.25E+06	0.512	2732.810	2200	0	18933	0.0036	-0.0010	0.0016	6.74E+06	0.603	1957.540	4200	0															

3387.300	1201	0	11518	0.0035	-0.0008	0.0019	5.20E+06	0.581	2001.530	4202	0	30482	0.0042	-0.0013	0.0016	7.76E+06	0.514	3445.370	6199	0	33871	0.0041	-0.0011	0.0019	9.86E+06	0.427
3388.300	1200	0	11534	0.0035	-0.0008	0.0019	5.21E+06	0.581	2002.530	4200	0	30544	0.0042	-0.0013	0.0016	7.72E+06	0.507	3446.370	6199	0	33933	0.0041	-0.0011	0.0019	9.90E+06	0.429
3389.300	1200	0	11549	0.0035	-0.0008	0.0019	5.16E+06	0.579	2003.530	4201	0	30560	0.0042	-0.0013	0.0016	7.69E+06	0.506	3447.370	6199	0	33964	0.0041	-0.0011	0.0019	9.87E+06	0.425
3390.300	1201	0	11565	0.0035	-0.0008	0.0019	5.17E+06	0.581	2004.530	4202	0	30575	0.0042	-0.0013	0.0016	7.67E+06	0.506	3448.370	6199	0	34011	0.0042	-0.0011	0.0019	9.92E+06	0.425
3391.300	1199	0	11596	0.0035	-0.0008	0.0019	5.18E+06	0.585	2005.530	4200	0	30638	0.0042	-0.0013	0.0016	7.67E+06	0.502	3449.370	6200	0	34042	0.0042	-0.0011	0.0019	9.95E+06	0.425
3392.300	1201	0	11627	0.0035	-0.0008	0.0019	5.19E+06	0.592	2006.530	4201	0	30684	0.0042	-0.0013	0.0017	7.66E+06	0.502	3450.370	6199	0	34073	0.0042	-0.0011	0.0019	9.92E+06	0.425
3393.300	1200	0	11674	0.0035	-0.0008	0.0019	5.22E+06	0.598	2007.530	4200	0	30731	0.0042	-0.0013	0.0017	7.68E+06	0.504	3451.370	6200	0	34104	0.0042	-0.0011	0.0019	9.91E+06	0.426
3394.300	1200	0	11705	0.0035	-0.0008	0.0019	5.22E+06	0.604	2008.530	4200	0	30746	0.0042	-0.0013	0.0016	7.66E+06	0.504	3452.370	6199	0	34151	0.0042	-0.0012	0.0019	9.98E+06	0.430
3395.300	1200	0	11720	0.0035	-0.0008	0.0019	5.23E+06	0.608	2009.530	4198	0	30777	0.0042	-0.0013	0.0016	7.67E+06	0.505	3453.370	6199	0	34228	0.0042	-0.0011	0.0019	9.94E+06	0.429
3396.300	1201	0	11720	0.0035	-0.0008	0.0019	5.22E+06	0.610	2010.520	4199	0	30809	0.0042	-0.0013	0.0016	7.70E+06	0.509	3454.360	6201	0	34244	0.0042	-0.0012	0.0019	9.85E+06	0.426
3397.300	1200	0	11767	0.0035	-0.0008	0.0019	5.25E+06	0.612	2011.520	4201	0	30855	0.0043	-0.0013	0.0016	7.75E+06	0.514	3455.360	6198	0	34322	0.0042	-0.0012	0.0019	9.83E+06	0.424
3398.300	1202	0	11798	0.0035	-0.0008	0.0019	5.25E+06	0.618	2012.520	4199	0	30886	0.0043	-0.0013	0.0016	7.75E+06	0.511	3456.360	6200	0	34322	0.0042	-0.0012	0.0019	9.81E+06	0.423
3399.300	1202	0	11798	0.0035	-0.0008	0.0019	5.26E+06	0.618	2013.520	4200	0	30933	0.0043	-0.0013	0.0016	7.84E+06	0.512	3457.360	6201	0	34337	0.0042	-0.0012	0.0019	9.78E+06	0.424
3400.300	1200	0	11845	0.0035	-0.0008	0.0019	5.27E+06	0.622	2014.520	4200	0	30948	0.0042	-0.0013	0.0016	7.92E+06	0.518	3458.360	6199	0	34461	0.0042	-0.0012	0.0019	9.81E+06	0.424
3401.300	1201	0	11860	0.0035	-0.0008	0.0019	5.22E+06	0.623	2015.520	4200	0	31011	0.0043	-0.0013	0.0016	8.00E+06	0.506	3459.360	6201	0	34461	0.0042	-0.0012	0.0019	9.72E+06	0.421
3402.300	1200	0	11891	0.0035	-0.0008	0.0019	5.20E+06	0.625	2016.520	4199	0	31042	0.0043	-0.0013	0.0016	8.04E+06	0.501	3460.360	6201	0	34524	0.0042	-0.0012	0.0019	9.73E+06	0.422
3403.300	1199	0	11876	0.0035	-0.0008	0.0019	5.20E+06	0.627	2017.520	4198	0	31088	0.0043	-0.0013	0.0016	7.96E+06	0.506	3461.360	6200	0	34570	0.0042	-0.0012	0.0019	9.70E+06	0.421
3404.290	1200	0	11938	0.0035	-0.0008	0.0019	5.22E+06	0.629	2018.520	4199	0	31104	0.0043	-0.0013	0.0017	7.80E+06	0.507	3462.360	6200	0	34586	0.0042	-0.0012	0.0019	9.70E+06	0.421
3405.290	1200	0	11953	0.0035	-0.0008	0.0019	5.22E+06	0.635	2019.520	4198	0	31166	0.0043	-0.0013	0.0017	7.64E+06	0.516	3463.360	6199	0	34617	0.0042	-0.0012	0.0019	9.68E+06	0.420
3406.290	1200	0	11984	0.0035	-0.0008	0.0019	5.24E+06	0.640	2020.520	4199	0	31213	0.0043	-0.0013	0.0016	7.43E+06	0.513	3464.360	6199	0	34695	0.0042	-0.0012	0.0019	9.72E+06	0.422
3407.290	1201	0	12047	0.0036	-0.0008	0.0019	5.23E+06	0.640	2021.520	4200	0	31244	0.0043	-0.0013	0.0016	7.24E+06	0.521	3465.360	6200	0	34741	0.0042	-0.0012	0.0019	9.64E+06	0.416
3408.290	1199	0	12062	0.0036	-0.0008	0.0019	5.20E+06	0.641	2022.520	4200	0	31275	0.0043	-0.0013	0.0016	6.98E+06	0.522	3466.360	6199	0	34788	0.0043	-0.0012	0.0019	9.58E+06	0.416
3409.290	1201	0	12078	0.0036	-0.0008	0.0019	5.16E+06	0.639	2023.520	4201	0	31321	0.0043	-0.0013	0.0016	6.65E+06	0.524	3467.360	6201	0	34834	0.0042	-0.0012	0.0019	9.60E+06	0.414
3410.290	1199	0	12093	0.0036	-0.0008	0.0019	5.13E+06	0.637	2024.520	4201	0	31368	0.0043	-0.0013	0.0016	6.35E+06	0.523	3468.360	6199	0	34866	0.0043	-0.0012	0.0019	9.57E+06	0.413
3411.290	1200	0	12140	0.0036	-0.0008	0.0019	5.16E+06	0.641	2025.520	4201	0	31399	0.0043	-0.0013	0.0017	6.12E+06	0.520	3469.360	6200	0	34897	0.0042	-0.0012	0.0019	9.50E+06	0.412
3412.290	1201	0	12171	0.0036	-0.0008	0.0019	5.18E+06	0.644	2026.520	4200	0	31399	0.0043	-0.0013	0.0016	5.96E+06	0.521	3470.360	6199	0	34959	0.0042	-0.0012	0.0019	9.49E+06	0.411
3413.290	1201	0	12202	0.0036	-0.0008	0.0019	5.16E+06	0.645	2027.520	4199	0	31461	0.0043	-0.0013	0.0016	5.91E+06	0.526	3471.360	6199	0	35021	0.0043	-0.0012	0.0019	9.45E+06	0.408
3414.290	1200	0	12233	0.0036	-0.0008	0.0019	5.17E+06	0.649	2028.520	4200	0	31477	0.0043	-0.0013	0.0017	5.95E+06	0.526	3472.360	6200	0	35037	0.0043	-0.0012	0.0019	9.42E+06	0.408
3415.290	1200	0	12249	0.0036	-0.0008	0.0019	5.13E+06	0.647	2029.520	4202	0	31539	0.0043	-0.0014	0.0016	6.05E+06	0.524	3473.360	6199	0	35083	0.0043	-0.0012	0.0019	9.45E+06	0.409
3416.290	1200	0	12280	0.0036	-0.0009	0.0019	5.07E+06	0.645	2030.520	4200	0	31539	0.0043	-0.0013	0.0017	6.13E+06	0.527	3474.360	6200	0	35130	0.0043	-0.0012	0.0019	9.40E+06	0.408
3417.290	1201	0	12295	0.0036	-0.0009	0.0019	5.11E+06	0.652	2031.520	4200	0	31617	0.0043	-0.0014	0.0016	6.23E+06	0.529	3475.360	6200	0	35176	0.0043	-0.0012	0.0019	9.39E+06	0.408
3418.290	1200	0	12326	0.0036	-0.0009	0.0019	5.17E+06	0.661	2032.520	4202	0	31663	0.0043	-0.0014	0.0016	6.33E+06	0.523	3476.360	6199	0	35208	0.0043	-0.0012	0.0019	9.40E+06	0.409
3419.290	1199	0	12358	0.0036	-0.0009	0.0019	5.14E+06	0.663	2033.520	4200	0	31679	0.0043	-0.0014	0.0016	6.47E+06	0.525	3477.360	6200	0	35254	0.0043	-0.0012	0.0019	9.38E+06	0.410
3420.290	1199	0	12404	0.0036	-0.0009	0.0019	5.13E+06	0.667	2034.520	4199	0	31741	0.0043	-0.0014	0.0016	6.59E+06	0.521	3478.360	6199	0	35270	0.0043	-0.0012	0.0019	9.28E+06	0.409
3421.290	1199	0	12420	0.0036	-0.0009	0.0019	5.11E+06	0.666	2035.520	4200	0	31757	0.0044	-0.0014	0.0016	6.74E+06	0.524	3479.360	6199	0	35363	0.0043	-0.0012	0.0019	9.30E+06	0.409
3422.290	1201	0	12420	0.0036	-0.0009	0.0019	5.09E+06	0.666	2036.520	4199	0	31819	0.0044	-0.0014	0.0016	6.85E+06	0.524	3480.360	6199	0	35379	0.0043	-0.0012	0.0019	9.27E+06	0.410
3423.290	1200	0	12466	0.0036	-0.0009	0.0019	5.24E+06	0.679	2037.520	4199	0	31850	0.0044	-0.0014	0.0016	6.96E+06	0.529	3481.360	6199	0	35425	0.0043	-0.0012	0.0019	9.26E+06	0.409
3424.290	1200	0	12497	0.0036	-0.0009	0.0019	5.29E+06	0.686	2038.520	4198	0	32037	0.0044	-0.0014	0.0016	7.10E+06	0.533	3482.360	6200	0	35456	0.0043	-0.0012	0.0019	9.23E+06	0.410
3425.290	1200	0	12513	0.0036	-0.0009	0.0019	5.22E+06	0.684	2039.520	4200	0	32316	0.0044	-0.0014	0.0016	7.17E+06	0.534	3483.360	6199	0	35518	0.0043	-0.0012	0.0019	9.22E+06	0.412
3426.290	1200	0	12544	0.0037	-0.0009	0.0019	5.27E+06	0.687	2040.520	4199	0	32534	0.0044	-0.0014	0.0017	7.26E+06	0.539	3484.360	6200	0	35581	0.0043	-0.0012	0.0019	9.21E+06	0.412
3427.290	1201	0	12544	0.0036	-0.0009	0.0018	5.22E+06	0.689	2041.510	4200	0	32581	0.0045	-0.0014	0.0017	7.28E+06	0.540	3485.350	6200	0	35612	0.0043	-0.0012	0.0019	9.25E+06	0.412
3428.290	1202	0	12606	0.0036	-0.0009	0.0019	5.23E+06	0.694	2042.510	4201	0	32363	0.0045	-0.0014	0.0016	7.30E+06	0.548	3486.350	6202	0	35658	0.0043	-0.0012	0.0019	9.19E+06	0.411
3428.330	1200	0	12622	0.0036	-0.0009	0.0019	5.20E+06	0.696	2043.510	4200	0	32223	0.0045	-0.0014	0.0016	7.27E+06	0.552	3487.350	6200	0	35705	0.0043	-0.0012	0.0019	9.19E+06	0.413
3430.330	1200	0	12622	0.0037	-0.0009</																					

3521.340	6200	0	37306	0.0045	-0.0013	0.0019	9.67E+06	0.438
3522.340	6201	0	37353	0.0045	-0.0013	0.0019	9.64E+06	0.438
3523.340	6201	0	37399	0.0045	-0.0013	0.0019	9.68E+06	0.439
3524.340	6199	0	37493	0.0045	-0.0013	0.0019	9.74E+06	0.442
3525.340	6199	0	37555	0.0045	-0.0013	0.0019	9.65E+06	0.440
3526.340	6199	0	37601	0.0045	-0.0013	0.0019	9.63E+06	0.441
3527.340	6199	0	37664	0.0045	-0.0013	0.0019	9.64E+06	0.443
3528.340	6200	0	37695	0.0045	-0.0013	0.0019	9.56E+06	0.442
3529.340	6199	0	37741	0.0045	-0.0013	0.0019	9.52E+06	0.441
3530.340	6200	0	37835	0.0045	-0.0013	0.0019	9.49E+06	0.441
3531.340	6199	0	37881	0.0046	-0.0013	0.0019	9.50E+06	0.443
3532.340	6201	0	37943	0.0046	-0.0013	0.0019	9.49E+06	0.443
3533.340	6199	0	38006	0.0046	-0.0013	0.0019	9.46E+06	0.443
3534.340	6200	0	38021	0.0046	-0.0013	0.0019	9.41E+06	0.443
3535.340	6199	0	38083	0.0046	-0.0013	0.0019	9.34E+06	0.441
3536.340	6199	0	38145	0.0046	-0.0013	0.0019	9.32E+06	0.440
3537.340	6199	0	38208	0.0046	-0.0013	0.0019	9.29E+06	0.440
3538.340	6200	0	38270	0.0046	-0.0013	0.0019	9.27E+06	0.441
3539.340	6198	0	38301	0.0046	-0.0013	0.0019	9.25E+06	0.443
3540.340	6199	0	38332	0.0046	-0.0013	0.0019	9.21E+06	0.442
3541.340	6199	0	38394	0.0046	-0.0013	0.0019	9.19E+06	0.444
3542.340	6200	0	38425	0.0046	-0.0013	0.0019	9.18E+06	0.447
3543.340	6199	0	38487	0.0046	-0.0013	0.0019	9.17E+06	0.449
3544.340	6200	0	38534	0.0046	-0.0013	0.0019	9.16E+06	0.450
3545.340	6200	0	38581	0.0046	-0.0014	0.0019	9.12E+06	0.450
3546.340	6200	0	38643	0.0046	-0.0014	0.0019	9.04E+06	0.450
3547.340	6201	0	38705	0.0046	-0.0014	0.0019	9.05E+06	0.452
3548.330	6199	0	38736	0.0046	-0.0014	0.0019	9.07E+06	0.454
3549.330	6199	0	38767	0.0046	-0.0014	0.0019	8.99E+06	0.453
3550.330	6199	0	38798	0.0047	-0.0014	0.0019	8.93E+06	0.455
3551.330	6199	0	38845	0.0047	-0.0014	0.0019	8.98E+06	0.457
3552.330	6199	0	38891	0.0047	-0.0014	0.0019	8.92E+06	0.456
3553.330	6199	0	38907	0.0047	-0.0014	0.0019	8.89E+06	0.455
3554.330	6199	0	38985	0.0047	-0.0014	0.0019	8.88E+06	0.456
3555.330	6200	0	39016	0.0047	-0.0014	0.0019	8.88E+06	0.460
3556.330	6200	0	39078	0.0047	-0.0014	0.0019	8.87E+06	0.461
3557.330	6199	0	39094	0.0047	-0.0014	0.0019	8.87E+06	0.459
3558.330	6199	0	39171	0.0047	-0.0014	0.0019	8.85E+06	0.460
3559.330	6200	0	39187	0.0047	-0.0014	0.0019	8.86E+06	0.460
3560.330	6202	0	39249	0.0047	-0.0014	0.0020	8.93E+06	0.463
3561.330	6199	0	39280	0.0047	-0.0014	0.0019	8.86E+06	0.460
3562.330	6199	0	39342	0.0047	-0.0014	0.0019	8.86E+06	0.462
3563.330	6199	0	39373	0.0047	-0.0014	0.0019	8.89E+06	0.464
3564.330	6199	0	39389	0.0047	-0.0014	0.0020	8.88E+06	0.466
3565.330	6199	0	39467	0.0047	-0.0014	0.0020	8.93E+06	0.469
3566.330	6199	0	39498	0.0047	-0.0014	0.0019	8.96E+06	0.471
3567.330	6201	0	39544	0.0047	-0.0014	0.0019	8.92E+06	0.470
3568.330	6201	0	39575	0.0047	-0.0014	0.0019	8.94E+06	0.470
3569.330	6201	0	39653	0.0048	-0.0014	0.0019	8.97E+06	0.471
3570.330	6199	0	39684	0.0048	-0.0014	0.0020	8.87E+06	0.468
3571.330	6200	0	39684	0.0048	-0.0014	0.0019	8.88E+06	0.468
3572.330	6199	0	39762	0.0048	-0.0014	0.0019	8.93E+06	0.466
3573.330	6200	0	39824	0.0048	-0.0014	0.0019	8.95E+06	0.465
3574.330	6199	0	39855	0.0048	-0.0014	0.0020	9.13E+06	0.467
3575.330	6199	0	39871	0.0048	-0.0014	0.0020	9.22E+06	0.464
3576.330	6201	0	39917	0.0048	-0.0014	0.0020	9.20E+06	0.457
3577.330	6199	0	39949	0.0048	-0.0014	0.0020	9.27E+06	0.456
3578.330	6199	0	40011	0.0048	-0.0014	0.0020	9.35E+06	0.456
3579.320	6200	0	40042	0.0048	-0.0014	0.0019	9.33E+06	0.455
3580.320	6199	0	40073	0.0048	-0.0014	0.0019	9.18E+06	0.453
3581.320	6199	0	40104	0.0048	-0.0014	0.0020	8.90E+06	0.452
3582.320	6199	0	40151	0.0048	-0.0014	0.0020	8.60E+06	0.453
3583.320	6199	0	40182	0.0048	-0.0014	0.0019	8.40E+06	0.456
3584.320	6199	0	40244	0.0048	-0.0014	0.0019	8.13E+06	0.457
3585.320	6199	0	40306	0.0048	-0.0014	0.0019	7.81E+06	0.458
3586.320	6199	0	40306	0.0048	-0.0014	0.0020	7.49E+06	0.458
3587.320	6199	0	40353	0.0048	-0.0014	0.0019	7.14E+06	0.459
3588.320	6199	0	40399	0.0048	-0.0014	0.0019	6.84E+06	0.463
3589.320	6199	0	40446	0.0049	-0.0015	0.0020	6.55E+06	0.466
3590.320	6199	0	40477	0.0048	-0.0014	0.0019	6.31E+06	0.467
3591.320	6199	0	40524	0.0048	-0.0014	0.0019	6.10E+06	0.468
3592.320	6199	0	40539	0.0049	-0.0015	0.0020	5.96E+06	0.469
3593.320	6199	0	40586	0.0049	-0.0015	0.0020	5.88E+06	0.471
3594.320	6200	0	40632	0.0049	-0.0015	0.0020	5.85E+06	0.474
3595.320	6201	0	40664	0.0049	-0.0015	0.0020	5.87E+06	0.475
3596.320	6200	0	40726	0.0049	-0.0015	0.0020	5.94E+06	0.476

3597.320	6199	0	40850	0.0049	-0.0015	0.0020	6.03E+06	0.478
3598.320	6200	0	41068	0.0049	-0.0015	0.0020	6.20E+06	0.479
3599.320	6199	0	41285	0.0049	-0.0015	0.0020	6.40E+06	0.480
3600.320	6199	0	41425	0.0050	-0.0015	0.0020	6.57E+06	0.478
3601.320	6199	0	41627	0.0050	-0.0015	0.0020	6.75E+06	0.476
3602.320	6199	0	41783	0.0050	-0.0015	0.0020	6.97E+06	0.474
3603.320	6200	0	41938	0.0050	-0.0015	0.0020	7.18E+06	0.472
3604.320	6200	0	42063	0.0050	-0.0015	0.0020	7.39E+06	0.470
3605.320	6199	0	41783	0.0050	-0.0015	0.0020	7.59E+06	0.468
3606.320	6200	0	41534	0.0050	-0.0015	0.0020	7.75E+06	0.468
3607.320	6200	0	41332	0.0050	-0.0015	0.0020	7.93E+06	0.469
3608.320	6200	0	41239	0.0050	-0.0015	0.0020	8.09E+06	0.469
3609.320	6202	0	41083	0.0050	-0.0015	0.0020	8.23E+06	0.471
3610.310	6201	0	40928	0.0050	-0.0015	0.0020	8.42E+06	0.475
3611.310	6200	0	40757	0.0050	-0.0015	0.0020	8.60E+06	0.477
3612.310	6200	0	40617	0.0050	-0.0015	0.0020	8.70E+06	0.478
3613.310	6199	0	40493	0.0050	-0.0015	0.0019	8.86E+06	0.480
3614.310	6199	0	40399	0.0050	-0.0015	0.0019	9.00E+06	0.483
3615.310	6199	0	40570	0.0050	-0.0015	0.0019	9.11E+06	0.484
3616.310	6200	0	40788	0.0050	-0.0015	0.0020	9.30E+06	0.488
3617.310	6199	0	41005	0.0050	-0.0015	0.0020	9.52E+06	0.492
3618.310	6200	0	41223	0.0050	-0.0015	0.0019	9.67E+06	0.494
3619.310	6199	0	41425	0.0050	-0.0015	0.0019	9.87E+06	0.496
3620.310	6200	0	41627	0.0050	-0.0015	0.0019	1.01E+07	0.498
3621.310	6200	0	41860	0.0050	-0.0015	0.0019	1.03E+07	0.499
3622.310	6199	0	42031	0.0050	-0.0015	0.0019	1.07E+07	0.502
3623.310	6199	0	42202	0.0050	-0.0015	0.0020	1.12E+07	0.506
3624.310	6200	0	42358	0.0051	-0.0015	0.0020	1.15E+07	0.506
3625.310	6199	0	42451	0.0051	-0.0016	0.0020	1.20E+07	0.507
3626.310	6200	0	42622	0.0051	-0.0016	0.0020	1.24E+07	0.506
3627.310	6200	0	42746	0.0051	-0.0016	0.0020	1.26E+07	0.501
3628.310	6199	0	42855	0.0051	-0.0016	0.0020	1.29E+07	0.499
3629.310	6199	0	42917	0.0051	-0.0016	0.0020	1.32E+07	0.498
3630.310	6200	0	42964	0.0051	-0.0016	0.0020	1.33E+07	0.496
3631.310	6200	0	42964	0.0051	-0.0016	0.0020	1.33E+07	0.495
3632.310	6199	0	42980	0.0051	-0.0016	0.0020	1.33E+07	0.494
3633.310	6200	0	42980	0.0051	-0.0016	0.0020	1.32E+07	0.492
3634.310	6199	0	42995	0.0051	-0.0016	0.0020	1.32E+07	0.493
3635.310	6199	0	42964	0.0051	-0.0016	0.0019	1.30E+07	0.492
3636.310	6199	0	42949	0.0051	-0.0016	0.0020	1.28E+07	0.490
3637.310	6199	0	42980	0.0051	-0.0016	0.0020	1.25E+07	0.492
3638.310	6199	0	42995	0.0051	-0.0016	0.0020	1.21E+07	0.492
3639.310	6199	0	42980	0.0051	-0.0016	0.0020	1.16E+07	0.495
3640.310	6200	0	43011	0.0051	-0.0016	0.0020	1.10E+07	0.501
3641.300	6199	0	43011	0.0051	-0.0016	0.0020	1.05E+07	0.507
3642.300	6200	0	43026	0.0051	-0.0016	0.0020	9.90E+06	0.507
3643.300	6199	0	43026	0.0051	-0.0016	0.0019	9.43E+06	0.507
3644.300	6200	0	43042	0.0051	-0.0016	0.0019	9.04E+06	0.512
3645.300	6200	0	43088	0.0051	-0.0016	0.0019	8.70E+06	0.517
3646.300	6200	0	43088	0.0052	-0.0016	0.0020	8.48E+06	0.522
3647.300	6200	0	43120	0.0052	-0.0016	0.0020	8.37E+06	0.525
3648.300	6200	0	43151	0.0052	-0.0016	0.0019	8.32E+06	0.530
3649.300	6200	0	43166	0.0052	-0.0016	0.0019	8.35E+06	0.534
3650.300	6200	0	43197	0.0052	-0.0016	0.0019	8.41E+06	0.534
3651.300	6199	0	43244	0.0051	-0.0016	0.0019	8.44E+06	0.533
3652.300	6200	0	43275	0.0052	-0.0016	0.0020	8.64E+06	0.535
3653.300	6199	0	43306	0.0052	-0.0016	0.0020	8.76E+06	0.527
3654.300	6201	0	43322	0.0052	-0.0016	0.0020	8.85E+06	0.519
3655.300	6199	0	43368	0.0052	-0.0016	0.0019	8.99E+06	0.519
3656.300	6200	0	43415	0.0052	-0.0016	0.0019	9.12E+06	0.518
3657.300	6201	0	43430	0.0052	-0.0016	0.0019	9.14E+06	0.515
3658.300	6200	0	43493	0.0052	-0.0016	0.0020	9.19E+06	0.511
3659.300	6199	0	43508	0.0052	-0.0016	0.0020	9.17E+06	0.507
3660.300	6200	0	43539	0.0052	-0.0016	0.0020	9.24E+06	0.510
3661.300	6200	0	43617	0.0052	-0.0016	0.0020	9.33E+06	0.513
3662.300	6199	0	43648	0.0052	-0.0016	0.0019	9.35E+06	0.512
3663.300	6200	0	43695	0.0052	-0.0016	0.0020	9.32E+06	0.513
3664.300	6199	0	43741	0.0052	-0.0016	0.0020	9.35E+06	0.514
3665.300	6199	0	43772	0.0052	-0.0016	0.0020	9.39E+06	0.515
3666.300	6199	0	43835	0.0052	-0.0016	0.0020	9.36E+06	0.514
3667.300	6199	0	43835	0.0052	-0.0016	0.0020	9.41E+06	0.517
3668.300	6199	0	43866	0.0052	-0.0016	0.0020	9.43E+06	0.521
3669.300	6199	0	43897	0.0052	-0.0016	0.0020	9.40E+06	0.523
3670.300	6198	0	43959	0.0052	-0.0016	0.0020	9.34E+06	0.522
3671.300	6199	0	43974	0.0053	-0.0017	0.0020	9.35E+06	0.525
3672.300	6199	0	44052	0.0053	-0.0017	0.0020	9.22E+06	0.522

3673.290	6201	0	44099	0.0053	-0.0017	0.0020	9.21E+06	0.524
3674.290	6201	0	44130	0.0053	-0.0017	0.0019	9.22E+06	0.527
3675.290	6200	0	44176	0.0053	-0.0017	0.0019	9.16E+06	0.529
3676.290	6199	0	44239	0.0053	-0.0017	0.0019	9.16E+06	0.531
3677.290	6200	0	44316	0.0053	-0.0017	0.0019	9.21E+06	0.536
3678.290	6199	0	44363	0.0053	-0.0017	0.0020	9.18E+06	0.536
3679.290	6200	0	44425	0.0053	-0.0017	0.0020	9.15E+06	0.538
3680.290	6200	0	44472	0.0053	-0.0017	0.0019	9.15E+06	0.540
3681.290	6200	0	44550	0.0053	-0.0017	0.0019	9.12E+06	0.544
3682.290	6200	0	44596	0.0053	-0.0017	0.0019	9.09E+06	0.544
3683.290	6201	0	44627	0.0053	-0.0017	0.0020	9.07E+06	0.546
3684.290	6199	0	44705	0.0053	-0.0017	0.0020	9.01E+06	0.546
3685.290	6199	0	44736	0.0053	-0.0017	0.0019	9.01E+06	0.549
3686.290	6199	0	44798	0.0053	-0.0017	0.0019	9.03E+06	0.553
3687.290	6200	0	44829	0.0053	-0.0017	0.0019	8.96E+06	0.552
3688.290	6199	0	44892	0.0053	-0.0017	0.0019	8.97E+06	0.556
3689.290	6202	0	44938	0.0054	-0.0017	0.0019	8.94E+06	0.559
3690.290	6200	0	44985	0.0054	-0.0017	0.0019	8.93E+06	0.561
3691.290	6200	0	45031	0.0054	-0.0017	0.0019	8.91E+06	0.563
3692.290	6200	0	45063	0.0053	-0.0017	0.0019	8.89E+06	0.563
3693.290	6200	0	45109	0.0054	-0.0017	0.0019	8.82E+06	0.562
3694.290	6199	0	45156	0.0054	-0.0017	0.0019	8.78E+06	0.563
3695.290	6200	0	45187	0.0054	-0.0017	0.0019	8.77E+06	0.566
3696.290	6199	0	45234	0.0054	-0.0017	0.0019	8.74E+06	0.566
3697.290	6199	0	45280	0.0054	-0.0017	0.0019	8.71E+06	0.568
3698.290	6200	0	45327	0.0054	-0.0017	0.0019	8.69E+06	0.568
3699.290	6199	0	45373	0.0054	-0.0017	0.0019	8.63E+06	0.568
3700.290	6200	0	45404	0.0054	-0.0017	0.0019	8.63E+06	0.572
3701.290	6202	0	45451	0.0054	-0.0017	0.0019	8.67E+06	0.578
3702.290	6199	0	45498	0.0054	-0.0017	0.0019	8.64E+06	0.580
3703.290	6200	0	45544	0.0054	-0.0017	0.0019	8.68E+06	0.587
3704.280	6199	0	45591	0.0054	-0.0017	0.0019	8.67E+06	0.585
3705.280	6199	0	45638	0.0054	-0.0017	0.0019	8.59E+06	0.581
3706.280	6199	0	45684	0.0054	-0.0018	0.0019	8.58E+06	0.584
3707.280	6199	0	45731	0.0054	-0.0018	0.0019	8.64E+06	0.588
3708.280	6199	0	45762	0.0055	-0.0018	0.0019	8.60E+06	0.587
3709.280	6199	0	45762	0.0055	-0.0018	0.0019	8.59E+06	0.588
3710.280	6199	0	45809	0.0054	-0.0018	0.0019	8.56E+06	0.587
3711.280	6200	0	45855	0.0054	-0.0018	0.0019	8.55E+06	0.590
3712.280	6200	0	45933	0.0055	-0.0018	0.0019	8.51E+06	0.588
3713.280	6199	0	45933	0.0055	-0.0018	0.0019	8.45E+06	0.585
3714.280	6200	0	45980	0.0055	-0.0018	0.0019	8.40E+06	0.585
3715.280	6199	0	46057	0.0055	-0.0018	0.0019	8.39E+06	0.586
3716.280	6199	0	46088	0.0055	-0.0018	0.0019	8.38E+06	0.584
3717.280	6199	0	46120	0.0055	-0.0018	0.0019	8.34E+06	0.585
3718.280	6200	0	46151	0.0055	-0.0018	0.0019	8.42E+06	0.587
3719.280	6200	0	46197	0.0055	-0.0018	0.0019	8.44E+06	0.591
3720.280	6200	0	46228	0.0055	-0.0018	0.0019	8.40E+06	0.591
3721.280	6201	0	46291	0.0055	-0.0018	0.0019	8.43E+06	0.594
3722.280	6199	0	46322	0.0055	-0.0018	0.0019	8.43E+06	0.595
3723.280	6199	0	46368	0.0055	-0.0018	0.0019	8.39E+06	0.593
3724.280	6199	0	46384	0.0055	-0.0018	0.0019	8.34E+06	0.592
3725.280	6200	0	46430	0.0055	-0.0018	0.0019	8.31E+06	0.590
3726.280	6201	0	46462	0.0055	-0.0018	0.0019	8.27E+06	0.590
3727.280	6199	0	46508	0.0055	-0.0018	0.0019	8.30E+06	0.592
3728.280	6199	0	46539	0.0055	-0.0018	0.0019	8.32E+06	0.594
3729.280	6199	0	46617	0.0055	-0.0018	0.0019	8.33E+06	0.594
3730.280	6199	0	46632	0.0056	-0.0018	0.0019	8.36E+06	0.595
3731.280	6199	0	46664	0.0056	-0.0018	0.0019	8.37E+06	0.595
3732.280	6199	0	46710	0.0056	-0.0018	0.0019	8.38E+06	0.595
3733.280	6201	0	46741	0.0056	-0.0018	0.0019	8.39E+06	0.595
3734.280	6200	0	46772	0.0056	-0.0018	0.0019	8.42E+06	0.594
3735.270	6199	0	46803	0.0056	-0.0018	0.0019	8.40E+06	0.592
3736.270	6200	0	46866	0.0056	-0.0018	0.0019	8.39E+06	0.592
3737.270	6199	0	46881	0.0056	-0.0018	0.0019	8.38E+06	0.590
3738.270	6200	0	46897	0.0056	-0.0018	0.0019	8.35E+06	0.588
3739.270	6199	0	46943	0.0056	-0.0018	0.0019	8.33E+06	0.586
3740.270	6200	0	46990	0.0056	-0.0018	0.0019	8.36E+06	0.588
3741.270	6199	0	47052	0.0056	-0.0018	0.0019	8.36E+06	0.588
3742.270	6199	0	47068	0.0056	-0.0019	0.0019	8.40E+06	0.590
3743.270	6199	0	47161	0.0056	-0.0019	0.0019	8.37E+06	0.589
3744.270	6200	0	47161	0.0056	-0.0019	0.0019	8.31E+06	0.586
3745.270	6200	0	47192	0.0056	-0.0019	0.0019	8.28E+06	0.585
3746.270	6200	0	47254	0.0056	-0.0019	0.0019	8.34E+06	0.589
3747.270	6200	0	47254	0.0056	-0.0019	0.0019	8.33E+06	0.590
3748.270	6199	0	47332	0.0056	-0.0019	0.0019	8.33E+06	0.591

3749.270	6200	0	47348	0.0056	-0.0019	0.0019	8.36E+06	0.593
3750.270	6201	0	47394	0.0056	-0.0019	0.0019	8.30E+06	0.590
3751.270	6200	0	47425	0.0056	-0.0019	0.0019	8.34E+06	0.594
3752.270	6199	0	47472	0.0056	-0.0019	0.0019	8.37E+06	0.597
3753.270	6199	0	47503	0.0056	-0.0019	0.0019	8.37E+06	0.600
3754.270	6199	0	47565	0.0057	-0.0019	0.0019	8.38E+06	0.602
3755.270	6199	0	47643	0.0057	-0.0019	0.0019	8.41E+06	0.603
3756.270	6199	0	47674	0.0057	-0.0019	0.0019	8.36E+06	0.601
3757.270	6199	0	47767	0.0057	-0.0019	0.0019	8.33E+06	0.602
3758.270	6201	0	47798	0.0057	-0.0019	0.0019	8.35E+06	0.604
3759.270	6199	0	47860	0.0057	-0.0019	0.0019	8.32E+06	0.605
3760.270	6199	0	47923	0.0057	-0.0019	0.0019	8.33E+06	0.608
3761.270	6200	0	47985	0.0057	-0.0019	0.0019	8.32E+06	0.610
3762.270	6199	0	48031	0.0057	-0.0019	0.0019	8.31E+06	0.612
3763.270	6199	0	48094	0.0057	-0.0019	0.0019	8.30E+06	0.612
3764.270	6199	0	48125	0.0057	-0.0019	0.0019	8.28E+06	0.613
3765.270	6199	0	48187	0.0057	-0.0019	0.0019	8.25E+06	0.614
3766.270	6199	0	48249	0.0057	-0.0019	0.0019	8.24E+06	0.617
3767.260	6199	0	48265	0.0057	-0.0019	0.0019	8.22E+06	0.617
3768.260	6200	0	48311	0.0057	-0.0019	0.0019	8.20E+06	0.620
3769.260	6199	0	48358	0.0058	-0.0019	0.0019	8.22E+06	0.622
3770.260	6202	0	48389	0.0058	-0.0019	0.0019	8.21E+06	0.625
3771.260	6200	0	48436	0.0057	-0.0019	0.0019	8.15E+06	0.624
3772.260	6199	0	48498	0.0058	-0.0020	0.0019	8.20E+06	0.631
3773.260	6199	0	48544	0.0058	-0.0020	0.0019	8.20E+06	0.635
3774.260	6200	0	48591	0.0058	-0.0020	0.0019	8.20E+06	0.639
3775.260	6200	0	48638	0.0058	-0.0020	0.0019	8.17E+06	0.640
3776.260	6199	0	48684	0.0058	-0.0020	0.0018	8.14E+06	0.643
3777.260	6200	0	48700	0.0058	-0.0020	0.0019	8.10E+06	0.645
3778.260	6200	0	48747	0.0058	-0.0020	0.0018	8.11E+06	0.651
3779.260	6200	0	48793	0.0058	-0.0020	0.0019	8.12E+06	0.659
3780.260	6200	0	48824	0.0058	-0.0020	0.0018	8.10E+06	0.661
3781.260	6199	0	48871	0.0058	-0.0020	0.0019	8.10E+06	0.666
3782.260	6199	0	48902	0.0058	-0.0020	0.0018	8.10E+06	0.670
3783.260	6199	0	48964	0.0058	-0.0020	0.0018	8.07E+06	0.671
3784.260	6198	0	48980	0.0058	-0.0020	0.0018	8.09E+06	0.676
3785.260	6199	0	49026	0.0058	-0.0020	0.0018	8.13E+06	0.680
3786.260	6199	0	49073	0.0058	-0.0020	0.0018	8.09E+06	0.678
3787.260	6200	0	49120	0.0058	-0.0020	0.0018	8.09E+06	0.682
3788.260	6199	0	49151	0.0058	-0.0020	0.0018	8.09E+06	0.682
3789.260	6199	0	49197	0.0058	-0.0020	0.0018	8.08E+06	0.684
3790.260	6199	0	49244	0.0059	-0.0020	0.0018	8.07E+06	0.684
3791.260	6200	0	49275	0.0059	-0.0020	0.0018	8.08E+06	0.687
3792.260	6202	0	49306	0.0059	-0.0020	0.0018	8.07E+06	0.688
3793.260	6199	0	49368	0.0059	-0.0020	0.0018	8.11E+06	0.692
3794.260	6199	0	49368	0.0059	-0.0020	0.0018	8.10E+06	0.695
3795.260	6201	0	49430	0.0059	-0.0020	0.0018	8.06E+06	0.693
3796.260	6199	0	49462	0.0059	-0.0020	0.0018	8.03E+06	0.693
3797.260	6200	0	49508	0.0059	-0.0020	0.0018	8.11E+06	0.700
3798.250	6199	0	49539	0.0059	-0.0020	0.0018	8.08E+06	0.700
3799.250	6199	0	49586	0.0059	-0.0020	0.0018	8.06E+06	0.700
3800.250	6199	0	49601	0.0059	-0.0020	0.0018	8.08E+06	0.702
3801.250	6199	0	49648	0.0059	-0.0021	0.0018	7.99E+06	0.698
3802.250	6200	0	49710	0.0059	-0.0021	0.0018	8.03E+06	0.703
3803.250	6200	0	49710	0.0059	-0.0021	0.0018	7.99E+06	0.703
3804.250	6199	0	49741	0.0059	-0.0021	0.0018	7.99E+06	0.705
3805.250	6201	0	49788	0.0059	-0.0021	0.0018	7.99E+06	0.706
3806.250	6201	0	49835	0.0059	-0.0021	0.0018	8.00E+06	0.708
3807.250	6200	0	49866	0.0059	-0.0021	0.0018	7.99E+06	0.709
3808.250	6202	0	49897	0.0059	-0.0021	0.0018	7.97E+06	0.710
3809.250	6200	0	49928	0.0059	-0.0021	0.0018	7.96E+06	0.709
3810.250	6199	0	49943	0.0060	-0.0021	0.0018	7.88E+06	0.707
3811.250	6200	0	50006	0.0060	-0.0021	0.0018	7.89E+06	0.710
3812.250	6200	0	50052	0.0059	-0.0021	0.0018	7.88E+06	0.709
3813.250	6201	0	50114	0.0060	-0.0021	0.0018	7.86E+06	0.709
3814.250	6199	0	50130	0.0060	-0.0021	0.0018	7.85E+06	0.711
3815.250	6201	0	50177	0.0060	-0.0021	0.0018	7.88E+06	0.715
3816.250	6199	0	50192	0.0060	-0.0021	0.0018	7.87E+06	0.715
3817.250	6199	0	50239	0.0060	-0.0021	0.0018	7.87E+06	0.715
3818.250	6199	0	50270	0.0060	-0.0021	0.0018	7.89E+06	0.719
3819.250	6199	0	50285	0.0060	-0.0021	0.0018	7.87E+06	0.718
3820.250	6199	0	50348	0.0060	-0.0021	0.0018	7.90E+06	0.719
3821.250	6199	0	50379	0.0060	-0.0021	0.0018	7.90E+06	0.719
3822.250	6200	0	50410	0.0060	-0.0021	0.0018	7.89E+06	0.720
3823.250	6199	0	50456	0.0060	-0.0021	0.0018	7.88E+06	0.718
3824.250	6200	0	50472	0.0060	-0.0021	0.0018	7.91E+06	0.722

3825.250	6200	0	50503	0.0060	-0.0021	0.0018	7.88E+06	0.720
3826.250	6199	0	50519	0.0060	-0.0021	0.0018	7.83E+06	0.716
3827.250	6201	0	50581	0.0060	-0.0021	0.0018	7.83E+06	0.717
3828.250	6201	0	50612	0.0060	-0.0021	0.0018	7.83E+06	0.716
3829.240	6200	0	50674	0.0060	-0.0021	0.0018	7.86E+06	0.719
3830.240	6199	0	50674	0.0060	-0.0021	0.0017	7.88E+06	0.723
3831.240	6199	0	50705	0.0060	-0.0021	0.0017	7.84E+06	0.720
3832.240	6199	0	50767	0.0060	-0.0021	0.0017	7.82E+06	0.720
3833.240	6201	0	50783	0.0061	-0.0022	0.0017	7.82E+06	0.720
3834.240	6201	0	50829	0.0061	-0.0022	0.0018	7.78E+06	0.718
3835.240	6199	0	50845	0.0061	-0.0022	0.0017	7.79E+06	0.719
3836.240	6199	0	50907	0.0061	-0.0022	0.0017	7.81E+06	0.720
3837.240	6199	0	50954	0.0061	-0.0022	0.0017	7.76E+06	0.717
3838.240	6197	0	51000	0.0061	-0.0022	0.0017	7.78E+06	0.718
3839.240	6199	0	51000	0.0061	-0.0022	0.0017	7.82E+06	0.718
3840.240	6199	0	51063	0.0061	-0.0022	0.0017	7.77E+06	0.715
3841.240	6200	0	51094	0.0061	-0.0022	0.0017	7.78E+06	0.715
3842.240	6199	0	51140	0.0061	-0.0022	0.0017	7.80E+06	0.715
3843.240	6199	0	51171	0.0061	-0.0022	0.0017	7.78E+06	0.717
3844.240	6199	0	51218	0.0061	-0.0022	0.0017	7.82E+06	0.719
3845.240	6201	0	51265	0.0061	-0.0022	0.0017	7.84E+06	0.714
3846.240	6199	0	51280	0.0061	-0.0022	0.0017	7.86E+06	0.715
3847.240	6200	0	51327	0.0061	-0.0022	0.0017	7.93E+06	0.717
3848.240	6199	0	51373	0.0061	-0.0022	0.0017	7.98E+06	0.719
3849.240	6199	0	51420	0.0061	-0.0022	0.0017	7.95E+06	0.715
3850.240	6199	0	51420	0.0061	-0.0022	0.0017	8.02E+06	0.719
3851.240	6201	0	51467	0.0062	-0.0022	0.0017	8.04E+06	0.716
3852.240	6199	0	51513	0.0062	-0.0022	0.0017	8.04E+06	0.716
3853.240	6201	0	51560	0.0061	-0.0022	0.0017	8.05E+06	0.715
3854.240	6200	0	51607	0.0061	-0.0022	0.0017	8.05E+06	0.715
3855.240	6199	0	51622	0.0061	-0.0022	0.0017	8.06E+06	0.713
3856.240	6201	0	51684	0.0062	-0.0022	0.0017	8.09E+06	0.715
3857.240	6200	0	51700	0.0062	-0.0022	0.0017	8.14E+06	0.717
3858.240	6199	0	51762	0.0062	-0.0022	0.0017	8.15E+06	0.719
3859.240	6200	0	51778	0.0062	-0.0022	0.0017	8.20E+06	0.724
3860.230	6200	0	51824	0.0062	-0.0022	0.0017	8.19E+06	0.723
3861.230	6199	0	51855	0.0062	-0.0022	0.0017	8.08E+06	0.718
3862.230	6200	0	51902	0.0062	-0.0023	0.0017	8.11E+06	0.723
3863.230	6200	0	51949	0.0062	-0.0023	0.0017	8.12E+06	0.725
3864.230	6200	0	51980	0.0062	-0.0023	0.0017	8.11E+06	0.726
3865.230	6201	0	52026	0.0062	-0.0023	0.0017	8.12E+06	0.730
3866.230	6200	0	52057	0.0062	-0.0023	0.0017	8.12E+06	0.733
3867.230	6199	0	52120	0.0062	-0.0023	0.0017	8.06E+06	0.730
3868.230	6198	0	52151	0.0062	-0.0023	0.0017	7.99E+06	0.728
3869.230	6201	0	52244	0.0062	-0.0023	0.0017	7.98E+06	0.733
3870.230	6199	0	52322	0.0062	-0.0023	0.0017	7.93E+06	0.734
3871.230	6200	0	52353	0.0062	-0.0023	0.0017	7.95E+06	0.738
3872.230	6199	0	52430	0.0062	-0.0023	0.0016	7.95E+06	0.741
3873.230	6199	0	52508	0.0063	-0.0023	0.0016	7.94E+06	0.746
3874.230	6201	0	52570	0.0063	-0.0023	0.0017	7.92E+06	0.748
3875.230	6201	0	52601	0.0063	-0.0023	0.0016	7.91E+06	0.751
3876.230	6199	0	52679	0.0063	-0.0023	0.0017	7.86E+06	0.753
3877.230	6199	0	52726	0.0063	-0.0023	0.0016	7.84E+06	0.756
3878.230	6199	0	52757	0.0063	-0.0023	0.0016	7.83E+06	0.759
3879.230	6199	0	52819	0.0063	-0.0023	0.0016	7.81E+06	0.763
3880.230	6199	0	52897	0.0063	-0.0023	0.0016	7.81E+06	0.768
3881.230	6203	0	52928	0.0063	-0.0023	0.0016	7.81E+06	0.772
3882.230	6200	0	53006	0.0063	-0.0023	0.0016	7.78E+06	0.776
3883.230	6200	0	53037	0.0063	-0.0024	0.0016	7.77E+06	0.781
3884.230	6200	0	53083	0.0063	-0.0024	0.0016	7.73E+06	0.783
3885.230	6199	0	53145	0.0063	-0.0024	0.0016	7.68E+06	0.784
3886.230	6199	0	53145	0.0064	-0.0024	0.0016	7.66E+06	0.791
3887.230	6200	0	53223	0.0064	-0.0024	0.0016	7.64E+06	0.798
3888.230	6199	0	53254	0.0064	-0.0024	0.0016	7.60E+06	0.804
3889.230	6200	0	53332	0.0064	-0.0024	0.0016	7.57E+06	0.807
3890.230	6201	0	53363	0.0064	-0.0024	0.0016	7.54E+06	0.813
3891.230	6199	0	53410	0.0064	-0.0024	0.0016	7.44E+06	0.812
3892.220	6199	0	53441	0.0064	-0.0024	0.0016	7.39E+06	0.818
3893.220	6200	0	53441	0.0064	-0.0024	0.0016	7.38E+06	0.826
3894.220	6199	0	53503	0.0064	-0.0024	0.0016	7.30E+06	0.831
3895.220	6200	0	53565	0.0064	-0.0024	0.0016	7.28E+06	0.838
3896.220	6199	0	53581	0.0064	-0.0024	0.0016	7.27E+06	0.841
3897.220	6200	0	53643	0.0064	-0.0024	0.0016	7.22E+06	0.844
3898.220	6199	0	53674	0.0064	-0.0024	0.0016	7.19E+06	0.849
3899.220	6201	0	53721	0.0064	-0.0024	0.0016	7.15E+06	0.849
3900.220	6200	0	53736	0.0064	-0.0024	0.0016	7.07E+06	0.846

3901.220	6200	0	53752	0.0064	-0.0024	0.0016	7.09E+06	0.855
3902.220	6199	0	53798	0.0064	-0.0024	0.0015	7.10E+06	0.859
3903.220	6199	0	53829	0.0064	-0.0024	0.0015	7.07E+06	0.862
3904.220	6201	0	53876	0.0064	-0.0025	0.0015	6.99E+06	0.859
3905.220	6202	0	53892	0.0065	-0.0025	0.0015	6.97E+06	0.860
3906.220	6199	0	53938	0.0065	-0.0025	0.0015	6.91E+06	0.858
3907.220	6201	0	53985	0.0065	-0.0025	0.0015	6.93E+06	0.862
3908.220	6199	0	54000	0.0064	-0.0025	0.0015	6.96E+06	0.864
3909.220	6199	0	54032	0.0065	-0.0025	0.0015	6.92E+06	0.863
3910.220	6199	0	54094	0.0065	-0.0025	0.0015	6.98E+06	0.872
3911.220	6200	0	54094	0.0065	-0.0025	0.0015	6.99E+06	0.874
3912.220	6199	0	54109	0.0065	-0.0025	0.0015	6.93E+06	0.871
3913.220	6200	0	54140	0.0065	-0.0025	0.0015	6.94E+06	0.872
3914.220	6200	0	54202	0.0065	-0.0025	0.0015	6.96E+06	0.875
3915.220	6199	0	54202	0.0065	-0.0025	0.0015	6.95E+06	0.873
3916.220	6200	0	54234	0.0065	-0.0025	0.0015	6.99E+06	0.876
3917.220	6202	0	54265	0.0065	-0.0025	0.0015	7.01E+06	0.876
3918.220	6201	0	54280	0.0065	-0.0025	0.0015	6.93E+06	0.869
3919.220	6199	0	54342	0.0065	-0.0025	0.0015	6.88E+06	0.862
3920.220	6201	0	54358	0.0065	-0.0025	0.0015	6.85E+06	0.864
3921.220	6199	0	54405	0.0065	-0.0025	0.0015	6.81E+06	0.861
3922.220	6200	0	54436	0.0065	-0.0025	0.0015	6.83E+06	0.865
3923.210	6200	0	54451	0.0065	-0.0025	0.0015	6.81E+06	0.860
3924.210	6200	0	54498	0.0065	-0.0025	0.0015	6.83E+06	0.863
3925.210	6201	0	54498	0.0065	-0.0025	0.0015	6.86E+06	0.864
3926.210	6200	0	54560	0.0065	-0.0025	0.0015	6.85E+06	0.860
3927.210	6199	0	54591	0.0065	-0.0025	0.0014	6.84E+06	0.857
3928.210	6199	0	54591	0.0066	-0.0025	0.0015	6.90E+06	0.859
3929.210	6200	0	54638	0.0066	-0.0026	0.0015	6.91E+06	0.860
3930.210	6199	0	54684	0.0066	-0.0026	0.0015	6.87E+06	0.856
3931.210	6199	0	54684	0.0066	-0.0026	0.0014	6.90E+06	0.858
3932.210	6199	0	54731	0.0066	-0.0026	0.0014	6.91E+06	0.857
3933.210	6200	0	54778	0.0066	-0.0026	0.0014	6.92E+06	0.858
3934.210	6200	0	54809	0.0066	-0.0026	0.0014	6.93E+06	0.859
3935.210	6200	0	54840	0.0066	-0.0026	0.0014	6.94E+06	0.858
3936.210	6199	0	54871	0.0066	-0.0026	0.0014	6.94E+06	0.858
3937.210	6199	0	54886	0.0066	-0.0026	0.0014	6.95E+06	0.861
3938.210	6201	0	54933	0.0066	-0.0026	0.0014	6.96E+06	0.864
3939.210	6199	0	54964	0.0066	-0.0026	0.0014	6.96E+06	0.867
3940.210	6201	0	54995	0.0066	-0.0026	0.0014	6.97E+06	0.866
3941.210	6200	0	54995	0.0066	-0.0026	0.0014	7.00E+06	0.872
3942.210	6199	0	55042	0.0066	-0.0026	0.0014	6.95E+06	0.870
3943.210	6198	0	55057	0.0066	-0.0026	0.0014	6.95E+06	0.871
3944.210	6200	0	55104	0.0066	-0.0026	0.0014	7.01E+06	0.880
3945.210	6200	0	55120	0.0066	-0.0026	0.0014	7.03E+06	0.884
3946.210	6200	0	55166	0.0066	-0.0026	0.0014	7.07E+06	0.891
3947.210	6200	0	55213	0.0066	-0.0026	0.0014	7.11E+06	0.896
3948.210	6199	0	55244	0.0067	-0.0026	0.0014	7.10E+06	0.893
3949.210	6199	0	55260	0.0066	-0.0026	0.0014	7.09E+06	0.893
3950.210	6200	0	55306	0.0066	-0.0026	0.0014	7.08E+06	0.889
3951.210	6200	0	55337	0.0066	-0.0026	0.0014	7.02E+06	0.883
3952.210	6199	0	55384	0.0067	-0.0026	0.0014	7.02E+06	0.884
3953.210	6200	0	55399	0.0067	-0.0026	0.0014	7.12E+06	0.897
3954.200	6199	0	55446	0.0067	-0.0027	0.0014	7.15E+06	0.904
3955.200	6202	0	55462	0.0067	-0.0027	0.0014	7.13E+06	0.903
3956.200	6199	0	55493	0.0067	-0.0027	0.0014	7.13E+06	0.903
3957.200	6200	0	55539	0.0067	-0.0027	0.0014	7.06E+06	0.898
3958.200	6201	0	55570	0.0067	-0.0027	0.0013	7.09E+06	0.901
3959.200	6200	0	55601	0.0067	-0.0027	0.0014	7.09E+06	0.898
3960.200	6200	0	55617	0.0067	-0.0027	0.0014	7.13E+06	0.902
3961.200	6201	0	55648	0.0067	-0.0027	0.0013	7.19E+06	0.910
3962.200	6199	0	55695	0.0067	-0.0027	0.0013	7.24E+06	0.914
3963.200	6200	0	55710	0.0067	-0.0027	0.0013	7.23E+06	0.916
3964.200	6201	0	55757	0.0067	-0.0027	0.0013	7.24E+06	0.916
3965.200	6200	0	55772	0.0067	-0.0027	0.0013	7.27E+06	0.918
3966.200	6200	0	55804	0.0067	-0.0027	0.0013	7.30E+06	0.922
3967.200	6200	0	55850	0.0067	-0.0027	0.0013	7.32E+06	0.925
3968.200	6199	0	55850	0.0067	-0.0027	0.0013	7.33E+06	0.925
3969.200	6200	0	55928	0.0067	-0.0027	0.0013	7.26E+06	0.923
3970.200	6200	0	55943	0.0067	-0.0027	0.0013	7.22E+06	0.919
3971.200	6200	0	55975	0.0067	-0.0027	0.0013	7.22E+06	0.925
3972.200	6200	0	56006	0.0068	-0.0027	0.0013	7.23E+06	0.929
3973.200	6200	0	56052	0.0068	-0.0027	0.0013	7.26E+06	0.932
3974.200	6199	0	56083	0.0067	-0.0027	0.0013	7.25E+06	0.930
3975.200	6199	0	56099	0.0067	-0.0027	0.0013	7.24E+06	0.930
3976.200	6200	0	56146	0.0068	-0.0027	0.0013	7.26E+06	0.934

3977.200	6199	0	56146	0.0068	-0.0027	0.0013	7.27E+06	0.934
3978.200	6199	0	56177	0.0068	-0.0027	0.0013	7.32E+06	0.937
3979.200	6200	0	56223	0.0068	-0.0027	0.0013	7.32E+06	0.933
3980.200	6199	0	56239	0.0068	-0.0027	0.0013	7.33E+06	0.932
3981.200	6199	0	56301	0.0068	-0.0028	0.0013	7.22E+06	0.925
3982.200	6202	0	56316	0.0068	-0.0028	0.0013	7.21E+06	0.923
3983.200	6200	0	56348	0.0068	-0.0028	0.0013	7.21E+06	0.922
3984.200	6199	0	56394	0.0068	-0.0028	0.0013	7.23E+06	0.925
3985.190	6199	0	56425	0.0068	-0.0028	0.0012	7.24E+06	0.926
3986.190	6199	0	56472	0.0068	-0.0028	0.0012	7.25E+06	0.926
3987.190	6200	0	56487	0.0068	-0.0028	0.0012	7.21E+06	0.926
3988.190	6200	0	56519	0.0068	-0.0028	0.0012	7.19E+06	0.923
3989.190	6200	0	56565	0.0068	-0.0028	0.0012	7.17E+06	0.922
3990.190	6199	0	56581	0.0068	-0.0028	0.0012	7.18E+06	0.922
3991.190	6199	0	56612	0.0068	-0.0028	0.0012	7.20E+06	0.923
3992.190	6200	0	56643	0.0068	-0.0028	0.0012	7.20E+06	0.928
3993.190	6199	0	56690	0.0068	-0.0028	0.0012	7.15E+06	0.924
3994.190	6200	0	56705	0.0068	-0.0028	0.0012	7.12E+06	0.923
3995.190	6199	0	56736	0.0069	-0.0028	0.0012	7.15E+06	0.925
3996.190	6200	0	56767	0.0069	-0.0028	0.0012	7.20E+06	0.931
3997.190	6200	0	56829	0.0068	-0.0028	0.0012	7.18E+06	0.931
3998.190	6200	0	56861	0.0068	-0.0028	0.0012	7.17E+06	0.931
3999.190	6200	0	56892	0.0069	-0.0028	0.0012	7.14E+06	0.928
4000.190	6201	0	56907	0.0069	-0.0028	0.0012	7.11E+06	0.925
4001.190	6200	0	56923	0.0069	-0.0028	0.0012	7.15E+06	0.931
4002.190	6199	0	57000	0.0069	-0.0028	0.0012	7.16E+06	0.933
4003.190	6201	0	57032	0.0069	-0.0028	0.0012	7.11E+06	0.931
4004.190	6199	0	57078	0.0069	-0.0029	0.0012	7.09E+06	0.934
4005.190	6201	0	57109	0.0069	-0.0029	0.0012	7.08E+06	0.935
4006.190	6200	0	57109	0.0069	-0.0029	0.0012	7.05E+06	0.936
4007.190	6199	0	57156	0.0069	-0.0029	0.0012	7.05E+06	0.939
4008.190	6199	0	57218	0.0069	-0.0029	0.0012	7.04E+06	0.941
4009.190	6200	0	57249	0.0069	-0.0029	0.0011	7.05E+06	0.947
4010.190	6200	0	57280	0.0069	-0.0029	0.0011	7.03E+06	0.948
4011.190	6199	0	57327	0.0069	-0.0029	0.0011	7.05E+06	0.954
4012.190	6199	0	57358	0.0069	-0.0029	0.0011	7.04E+06	0.958
4013.190	6200	0	57389	0.0069	-0.0029	0.0011	7.04E+06	0.959
4014.190	6199	0	57405	0.0069	-0.0029	0.0011	7.02E+06	0.960
4015.190	6198	0	57451	0.0069	-0.0029	0.0011	7.03E+06	0.961
4016.190	6199	0	57498	0.0069	-0.0029	0.0011	7.01E+06	0.960
4017.180	6200	0	57498	0.0069	-0.0029	0.0011	6.99E+06	0.960
4018.180	6199	0	57560	0.0070	-0.0029	0.0011	6.97E+06	0.961
4019.180	6200	0	57591	0.0070	-0.0029	0.0011	6.96E+06	0.962
4020.180	6200	0	57622	0.0070	-0.0029	0.0011	6.96E+06	0.966
4021.180	6201	0	57669	0.0070	-0.0029	0.0011	6.93E+06	0.967
4022.180	6200	0	57684	0.0070	-0.0029	0.0011	6.93E+06	0.971
4023.180	6199	0	57731	0.0070	-0.0029	0.0011	6.94E+06	0.975
4024.180	6199	0	57778	0.0070	-0.0030	0.0011	6.92E+06	0.973
4025.180	6201	0	57809	0.0070	-0.0030	0.0011	6.92E+06	0.974
4026.180	6200	0	57871	0.0070	-0.0030	0.0011	6.93E+06	0.977
4027.180	6201	0	57871	0.0070	-0.0030	0.0011	6.92E+06	0.982
4028.180	6201	0	57886	0.0070	-0.0030	0.0011	6.91E+06	0.986
4029.180	6199	0	57933	0.0070	-0.0030	0.0011	6.86E+06	0.984
4030.180	6201	0	57964	0.0070	-0.0030	0.0011	6.81E+06	0.978
4031.180	6199	0	57995	0.0070	-0.0030	0.0011	6.81E+06	0.978
4032.180	6199	0	58026	0.0070	-0.0030	0.0010	6.80E+06	0.980
4033.180	6199	0	58057	0.0070	-0.0030	0.0010	6.77E+06	0.979
4034.180	6199	0	58104	0.0070	-0.0030	0.0010	6.75E+06	0.979
4035.180	6199	0	58120	0.0070	-0.0030	0.0010	6.74E+06	0.981
4036.180	6199	0	58166	0.0070	-0.0030	0.0010	6.72E+06	0.983
4037.180	6199	0	58182	0.0071	-0.0030	0.0010	6.71E+06	0.984
4038.180	6199	0	58244	0.0071	-0.0030	0.0010	6.72E+06	0.987
4039.180	6200	0	58259	0.0071	-0.0030	0.0010	6.72E+06	0.990
4040.180	6199	0	58322	0.0071	-0.0030	0.0010	6.71E+06	0.991
4041.180	6201	0	58353	0.0071	-0.0030	0.0010	6.70E+06	0.992
4042.180	6201	0	58384	0.0071	-0.0030	0.0010	6.71E+06	0.994
4043.180	6199	0	58431	0.0071	-0.0030	0.0010	6.71E+06	1.000
4044.180	6200	0	58462	0.0071	-0.0030	0.0010	6.69E+06	1.003
4045.180	6200	0	58477	0.0071	-0.0031	0.0010	6.67E+06	1.001
4046.180	6200	0	58524	0.0071	-0.0031	0.0010	6.64E+06	1.001
4047.180	6199	0	58586	0.0071	-0.0031	0.0010	6.63E+06	1.003
4048.170	6199	0	58602	0.0071	-0.0031	0.0010	6.62E+06	1.005
4049.170	6199	0	58648	0.0071	-0.0031	0.0010	6.63E+06	1.010
4050.170	6199	0	58679	0.0071	-0.0031	0.0010	6.65E+06	1.016
4051.170	6199	0	58726	0.0071	-0.0031	0.0009	6.66E+06	1.019
4052.170	6200	0	58741	0.0071	-0.0031	0.0009	6.69E+06	1.026

				4053.170	6199	0	58772	0.0071	-0.0031	0.0009	6.70E+06	1.029
				4054.170	6198	0	58819	0.0072	-0.0031	0.0009	6.68E+06	1.033
				4055.170	6200	0	58850	0.0072	-0.0031	0.0009	6.68E+06	1.038
				4056.170	6201	0	58897	0.0072	-0.0031	0.0009	6.64E+06	1.037
				4057.170	6199	0	58959	0.0071	-0.0031	0.0009	6.60E+06	1.036
				4058.170	6199	0	58959	0.0072	-0.0031	0.0009	6.57E+06	1.037
				4059.170	6202	0	58990	0.0072	-0.0031	0.0009	6.57E+06	1.042
				4060.170	6203	0	59037	0.0072	-0.0031	0.0009	6.58E+06	1.051
				4061.170	6200	0	59068	0.0072	-0.0031	0.0009	6.61E+06	1.063
				4062.170	6200	0	59130	0.0072	-0.0032	0.0009	6.61E+06	1.068
				4063.170	6200	0	59146	0.0072	-0.0032	0.0009	6.57E+06	1.071
				4064.170	6200	0	59192	0.0072	-0.0032	0.0009	6.55E+06	1.074
				4065.170	6199	0	59239	0.0072	-0.0032	0.0009	6.51E+06	1.077
				4066.170	6199	0	59239	0.0072	-0.0032	0.0009	6.45E+06	1.073
				4067.170	6201	0	59285	0.0072	-0.0032	0.0009	6.49E+06	1.083
				4068.170	6200	0	59332	0.0072	-0.0032	0.0008	6.48E+06	1.086
				4069.170	6201	0	59332	0.0072	-0.0032	0.0008	6.45E+06	1.088
				4070.170	6200	0	59379	0.0072	-0.0032	0.0008	6.44E+06	1.091
				4071.170	6201	0	59425	0.0072	-0.0032	0.0008	6.44E+06	1.101
				4072.170	6200	0	59441	0.0072	-0.0032	0.0008	6.38E+06	1.100
				4073.170	6199	0	59487	0.0072	-0.0032	0.0008	6.41E+06	1.109
				4074.170	6200	0	59503	0.0072	-0.0032	0.0008	6.39E+06	1.113
				4075.170	6200	0	59550	0.0072	-0.0032	0.0008	6.34E+06	1.110
				4076.170	6200	0	59612	0.0072	-0.0032	0.0008	6.32E+06	1.111
				4077.170	6200	0	59612	0.0073	-0.0032	0.0008	6.32E+06	1.115
				4078.170	6199	0	59674	0.0073	-0.0032	0.0008	6.34E+06	1.126
				4079.160	6199	0	59690	0.0073	-0.0033	0.0008	6.35E+06	1.132
				4080.160	6201	0	59705	0.0073	-0.0033	0.0008	6.30E+06	1.130
				4081.160	6200	0	59736	0.0073	-0.0033	0.0008	6.28E+06	1.130
				4082.160	6199	0	59767	0.0073	-0.0033	0.0008	6.20E+06	1.121
				4083.160	6199	0	59798	0.0073	-0.0033	0.0008	6.19E+06	1.123
				4084.160	6201	0	59861	0.0073	-0.0033	0.0007	6.17E+06	1.123
				4085.160	6200	0	59876	0.0073	-0.0033	0.0007	6.18E+06	1.128
				4086.160	6199	0	59892	0.0073	-0.0033	0.0007	6.19E+06	1.134
				4087.160	6200	0	59954	0.0073	-0.0033	0.0007	6.14E+06	1.132
				4088.160	6200	0	59954	0.0073	-0.0033	0.0007	6.13E+06	1.134
				4089.160	6201	0	59985	0.0073	-0.0033	0.0007	6.08E+06	1.133
				4090.160	6201	0	60016	0.0073	-0.0033	0.0007	6.08E+06	1.133
				4091.160	6199	0	60032	0.0073	-0.0033	0.0007	6.12E+06	1.142
				4092.160	6201	0	60109	0.0073	-0.0033	0.0007	6.13E+06	1.147
				4093.160	6200	0	60109	0.0073	-0.0033	0.0007	6.11E+06	1.146
				4094.160	6200	0	60125	0.0073	-0.0033	0.0007	6.11E+06	1.146
				4095.160	6200	0	60171	0.0073	-0.0033	0.0007	6.08E+06	1.143
				4096.160	6199	0	60171	0.0074	-0.0033	0.0007	6.08E+06	1.143
				4097.160	6199	0	60218	0.0074	-0.0034	0.0007	6.11E+06	1.146
				4098.160	6200	0	60234	0.0074	-0.0034	0.0006	6.11E+06	1.144
				4099.160	6199	0	60265	0.0074	-0.0034	0.0006	6.14E+06	1.145
				4100.160	6201	0	60296	0.0074	-0.0034	0.0006	6.16E+06	1.144
				4101.160	6199	0	60358	0.0074	-0.0034	0.0006	6.16E+06	1.141
				4102.160	6199	0	60374	0.0074	-0.0034	0.0006	6.24E+06	1.145
				4103.160	6199	0	60405	0.0074	-0.0034	0.0006	6.28E+06	1.143
				4104.160	6200	0	60451	0.0074	-0.0034	0.0006	6.32E+06	1.143
				4105.160	6200	0	60451	0.0074	-0.0034	0.0006	6.35E+06	1.142
				4106.160	6200	0	60513	0.0074	-0.0034	0.0006	6.39E+06	1.143
				4107.160	6199	0	60529	0.0074	-0.0034	0.0006	6.35E+06	1.132
				4108.160	6202	0	60545	0.0074	-0.0034	0.0006	6.35E+06	1.127
				4109.160	6200	0	60591	0.0074	-0.0034	0.0006	6.39E+06	1.127
				4110.150	6199	0	60607	0.0074	-0.0034	0.0006	6.41E+06	1.125
				4111.150	6199	0	60622	0.0074	-0.0034	0.0006	6.42E+06	1.124
				4112.150	6200	0	60653	0.0074	-0.0034	0.0006	6.44E+06	1.128
				4113.150	6199	0	60684	0.0074	-0.0034	0.0005	6.45E+06	1.125
				4114.150	6201	0	60700	0.0075	-0.0034	0.0006	6.46E+06	1.125
				4115.150	6199	0	60762	0.0075	-0.0035	0.0006	6.49E+06	1.129
				4116.150	6199	0	60778	0.0074	-0.0035	0.0005	6.51E+06	1.132
				4117.150	6199	0	60809	0.0074	-0.0035	0.0005	6.49E+06	1.127
				4118.150	6199	0	60840	0.0075	-0.0035	0.0005	6.54E+06	1.133
				4119.150	6201	0	60886	0.0075	-0.0035	0.0005	6.56E+06	1.136
				4120.150	6199	0	60933	0.0075	-0.0035	0.0005	6.56E+06	1.142
				4121.150	6199	0	60995	0.0075	-0.0035	0.0005	6.57E+06	1.146
				4122.150	6199	0	61026	0.0075	-0.0035	0.0005	6.55E+06	1.149
				4123.150	6200	0	61057	0.0075	-0.0035	0.0005	6.52E+06	1.149
				4124.150	6199	0	61135	0.0075	-0.0035	0.0005	6.51E+06	1.154
				4125.150	6199	0	61166	0.0075	-0.0035	0.0005	6.48E+06	1.157
				4126.150	6199	0	61197	0.0075	-0.0035	0.0005	6.43E+06	1.157
				4127.150	6201	0	61291	0.0075	-0.0035	0.0005	6.46E+06	1.166
				4128.150	6202	0	61306	0.0075	-0.0035	0.0005	6.43E+06	1.168

				4129.150	6199	0	61353	0.0075	-0.0035	0.0004	6.42E+06	1.172
				4130.150	6200	0	61384	0.0075	-0.0035	0.0004	6.41E+06	1.176
				4131.150	6201	0	61446	0.0075	-0.0036	0.0004	6.35E+06	1.178
				4132.150	6201	0	61462	0.0076	-0.0036	0.0004	6.33E+06	1.183
				4133.150	6200	0	61524	0.0076	-0.0036	0.0004	6.30E+06	1.187
				4134.150	6200	0	61570	0.0076	-0.0036	0.0004	6.28E+06	1.193
				4135.150	6199	0	61602	0.0076	-0.0036	0.0004	6.23E+06	1.195
				4136.150	6200	0	61617	0.0076	-0.0036	0.0004	6.23E+06	1.203
				4137.150	6199	0	61648	0.0076	-0.0036	0.0004	6.21E+06	1.213
				4138.150	6199	0	61710	0.0076	-0.0036	0.0004	6.13E+06	1.215
				4139.150	6200	0	61741	0.0076	-0.0036	0.0004	6.12E+06	1.226
				4140.150	6199	0	61773	0.0076	-0.0036	0.0003	6.06E+06	1.231
				4141.150	6199	0	61819	0.0076	-0.0036	0.0003	6.00E+06	1.232
				4142.140	6199	0	61866	0.0076	-0.0036	0.0003	5.99E+06	1.244
				4143.140	6198	0	61866	0.0076	-0.0036	0.0003	5.94E+06	1.251
				4144.140	6199	0	61912	0.0076	-0.0037	0.0003	5.84E+06	1.249
				4145.140	6200	0	61943	0.0076	-0.0037	0.0003	5.84E+06	1.265
				4146.140	6200	0	61943	0.0076	-0.0037	0.0003	5.77E+06	1.265
				4147.140	6199	0	62006	0.0076	-0.0037	0.0003	5.74E+06	1.274
				4148.140	6199	0	62006	0.0076	-0.0037	0.0003	5.74E+06	1.287
				4149.140	6199	0	62037	0.0076	-0.0037	0.0003	5.70E+06	1.295
				4150.140	6200	0	62068	0.0077	-0.0037	0.0003	5.69E+06	1.307
				4151.140	6200	0	62099	0.0077	-0.0037	0.0003	5.68E+06	1.316
				4152.140	6199	0	62130	0.0077	-0.0037	0.0002	5.63E+06	1.315
				4153.140	6199	0	62161	0.0077	-0.0037	0.0002	5.61E+06	1.319
				4154.140	6200	0	62192	0.0077	-0.0037	0.0002	5.58E+06	1.322
				4155.140	6199	0	62208	0.0077	-0.0037	0.0002	5.55E+06	1.324
				4156.140	6201	0	62208	0.0077	-0.0037	0.0002	5.54E+06	1.330
				4157.140	6200	0	62270	0.0077	-0.0037	0.0002	5.52E+06	1.332
				4158.140	6199	0	62285	0.0077	-0.0037	0.0002	5.45E+06	1.325
				4159.140	6199	0	62301	0.0077	-0.0038	0.0002	5.40E+06	1.321
				4160.140	6199	0	62317	0.0077	-0.0038	0.0002	5.40E+06	1.326
				4161.140	6200	0	62348	0.0077	-0.0038	0.0002	5.36E+06	1.322
				4162.140	6201	0	62394	0.0077	-0.0038	0.0002	5.36E+06	1.328
				4163.140	6199	0	62394	0.0077	-0.0038	0.0002	5.34E+06	1.331
				4164.140	6200	0	62441	0.0077	-0.0038	0.0001	5.32E+06	1.330
				4165.140	6199	0	62441	0.0077	-0.0038	0.0001	5.33E+06	1.333
				4166.140	6200	0	62472	0.0077	-0.0038	0.0001	5.31E+06	1.331
				4167.140	6199	0	62519	0.0077	-0.0038	0.0001	5.30E+06	1.329
				4168.140	6200	0	62550	0.0077	-0.0038	0.0001	5.34E+06	1.331
				4169.140	6199	0	62550	0.0078	-0.0038	0.0001	5.35E+06	1.332
				4170.140	6200	0	62596	0.0077	-0.0038	0.0001	5.35E+06	1.332
				4171.140	6200	0	62627	0.0078	-0.0038	0.0001	5.36E+06	1.332
				4172.140	6200	0	62627	0.0077	-0.0038	0.0001	5.38E+06	1.334
				4173.130	6200	0	62674	0.0077	-0.0038	0.0001	5.39E+06	1.336
				4174.130	6199	0	62674	0.0078	-0.0038	0.0001	5.42E+06	1.345
				4175.130	6200	0	62690	0.0078	-0.0039	0.0001	5.45E+06	1.351
				4176.130	6199	0	62736	0.0078	-0.0039	0.0001	5.41E+06	1.345
				4177.130	6202	0	62752	0.0078	-0.0039	0.0000	5.36E+06	1.333
				4178.130	6200	0	62783	0.0078	-0.0039	0.0000	5.40E+06	1.339
				4179.130	6201	0	62783	0.0078	-0.0039	0.0000	5.39E+06	1.332
				4180.130	6201	0	62830	0.0078	-0.0039	0.0000	5.40E+06	1.330
				4181.130	6200	0	62845	0.0078	-0.0039	0.0000	5.42E+06	1.328
				4182.130	6199	0	62861	0.0078	-0.0039	0.0000	5.41E+06	1.327
				4183.130	6199	0	62861	0.0078	-0.0039	0.0000	5.41E+06	1.326
				4184.130	6200	0	62907	0.0078	-0.0039	0.0000	5.45E+06	1.333
				4185.130	6199	0	62938	0.0078	-0.0039	0.0000	5.44E+06	1.332
				4186.130	6199	0	62954	0.0078	-0.0039	0.0000	5.45E+06	1.339
				4187.130	6199	0	62969	0.0078	-0.0039	0.0000	5.47E+06	1.346
				4188.130	6200	0	63016	0.0078	-0.0039	0.0000	5.46E+06	1.346
				4189.130	6201	0	63032	0.0078	-0.0039	0.0000	5.41E+06	1.337
				4190.130	6200	0	63063	0.0078	-0.0039	-0.0001	5.43E+06	1.339
				4191.130	6202	0	63094	0.0078	-0.0039	-0.0001	5.40E+06	1.338
				4192.130	6200	0	63094	0.0079	-0.0040	-0.0001	5.40E+06	1.340
				4193.130	6200	0	63156	0.0078	-0.0040	-0.0001	5.42E+06	1.341
				4194.130	6200	0	63171	0.0078	-0.0040	-0.0001	5.41E+06	1.337
				4195.130	6199	0	63171	0.0078	-0.0040	-0.0001	5.36E+06	1.330
				4196.130	6200	0	63203	0.0079	-0.0040	-0.0001	5.37E+06	1.334
				4197.130	6199	0	63249	0.0079	-0.0040	-0.0001	5.31E+06	1.317
				4198.130	6201	0	63265	0.0079	-0.0040	-0.0001	5.29E+06	1.310
				4199.130	6201	0	63280	0.0079	-0.0040	-0.0001	5.31E+06	1.315
				4200.130	6199	0	63296	0.0079	-0.0040	-0.0001	5.28E+06	1.312
				4201.130	6200	0	63327	0.0079	-0.0040	-0.0001	5.30E+06	1.321
				4202.130	6200	0	63342	0.0079	-0.0040	-0.0001	5.31E+06	1.322
				4203.130	6199	0	63389	0.0079	-0.0040	-0.0002	5.31E+06	1.321
				4204.130	6199	0	63420	0.0079	-0.0040	-0.0001	5.32E+06	1.322

				4205.120	6199	0	63436	0.0079	-0.0040	-0.0002	5.31E+06	1.322
				4206.120	6199	0	63482	0.0079	-0.0040	-0.0002	5.28E+06	1.313
				4207.120	6199	0	63482	0.0079	-0.0040	-0.0002	5.27E+06	1.313
				4208.120	6199	0	63513	0.0079	-0.0040	-0.0002	5.26E+06	1.314
				4209.120	6199	0	63529	0.0079	-0.0041	-0.0002	5.21E+06	1.307
				4210.120	6199	0	63560	0.0079	-0.0041	-0.0002	5.18E+06	1.300
				4211.120	6201	0	63560	0.0079	-0.0041	-0.0002	5.19E+06	1.305
				4212.120	6200	0	63576	0.0079	-0.0041	-0.0002	5.18E+06	1.303
				4213.120	6199	0	63607	0.0079	-0.0041	-0.0002	5.18E+06	1.305
				4214.120	6200	0	63638	0.0079	-0.0041	-0.0002	5.17E+06	1.305
				4215.120	6202	0	63684	0.0079	-0.0041	-0.0002	5.14E+06	1.297
				4216.120	6200	0	63684	0.0080	-0.0041	-0.0002	5.18E+06	1.309
				4217.120	6199	0	63716	0.0079	-0.0041	-0.0003	5.21E+06	1.312
				4218.120	6199	0	63762	0.0080	-0.0041	-0.0003	5.19E+06	1.308
				4219.120	6201	0	63778	0.0080	-0.0041	-0.0003	5.21E+06	1.308
				4220.120	6200	0	63793	0.0080	-0.0041	-0.0003	5.22E+06	1.311
				4221.120	6201	0	63793	0.0080	-0.0041	-0.0003	5.20E+06	1.307
				4222.120	6199	0	63855	0.0080	-0.0041	-0.0003	5.24E+06	1.312
				4223.120	6199	0	63886	0.0080	-0.0041	-0.0003	5.26E+06	1.314
				4224.120	6199	0	63886	0.0080	-0.0041	-0.0003	5.29E+06	1.316
				4225.120	6198	0	63886	0.0080	-0.0042	-0.0003	5.32E+06	1.322
				4226.120	6200	0	63933	0.0080	-0.0042	-0.0003	5.35E+06	1.327
				4227.120	6200	0	63964	0.0080	-0.0042	-0.0003	5.31E+06	1.315
				4228.120	6200	0	64011	0.0080	-0.0042	-0.0003	5.31E+06	1.311
				4229.120	6199	0	64011	0.0080	-0.0042	-0.0003	5.34E+06	1.318
				4230.120	6202	0	64042	0.0080	-0.0042	-0.0004	5.36E+06	1.317
				4231.120	6199	0	64057	0.0080	-0.0042	-0.0004	5.40E+06	1.322
				4232.120	6199	0	64073	0.0080	-0.0042	-0.0004	5.44E+06	1.324
				4233.120	6201	0	64104	0.0080	-0.0042	-0.0004	5.48E+06	1.326
				4234.120	6201	0	64135	0.0080	-0.0042	-0.0004	5.53E+06	1.335
				4235.110	6199	0	64151	0.0080	-0.0042	-0.0004	5.54E+06	1.334
				4236.110	6199	0	64182	0.0080	-0.0042	-0.0004	5.54E+06	1.335
				4237.110	6199	0	64229	0.0080	-0.0042	-0.0004	5.57E+06	1.346
				4238.110	6200	0	64244	0.0080	-0.0042	-0.0004	5.58E+06	1.351
				4239.110	6200	0	64244	0.0081	-0.0042	-0.0004	5.61E+06	1.360
				4240.110	6199	0	64291	0.0081	-0.0042	-0.0004	5.61E+06	1.361
				4241.110	6200	0	64306	0.0081	-0.0043	-0.0005	5.62E+06	1.365
				4242.110	6200	0	64368	0.0081	-0.0043	-0.0005	5.60E+06	1.367
				4243.110	6200	0	64399	0.0081	-0.0043	-0.0005	5.60E+06	1.370
				4244.110	6200	0	64415	0.0081	-0.0043	-0.0005	5.61E+06	1.373
				4245.110	6201	0	64431	0.0081	-0.0043	-0.0005	5.61E+06	1.380
				4246.110	6199	0	64462	0.0081	-0.0043	-0.0005	5.59E+06	1.383
				4247.110	6199	0	64508	0.0081	-0.0043	-0.0005	5.59E+06	1.391
				4248.110	6200	0	64524	0.0081	-0.0043	-0.0005	5.54E+06	1.385
				4249.110	6201	0	64586	0.0081	-0.0043	-0.0005	5.49E+06	1.380
				4250.110	6199	0	64586	0.0081	-0.0043	-0.0005	5.47E+06	1.384
				4251.110	6199	0	64633	0.0081	-0.0043	-0.0005	5.41E+06	1.383
				4252.110	6199	0	64679	0.0081	-0.0043	-0.0005	5.42E+06	1.393
				4253.110	6199	0	64695	0.0081	-0.0043	-0.0006	5.39E+06	1.397
				4254.110	6200	0	64695	0.0081	-0.0043	-0.0006	5.36E+06	1.401
				4255.110	6200	0	64757	0.0081	-0.0044	-0.0006	5.33E+06	1.401
				4256.110	6199	0	64788	0.0081	-0.0044	-0.0006	5.29E+06	1.402
				4257.110	6201	0	64835	0.0081	-0.0044	-0.0006	5.26E+06	1.406
				4258.110	6201	0	64881	0.0082	-0.0044	-0.0006	5.25E+06	1.416
				4259.110	6199	0	64881	0.0082	-0.0044	-0.0006	5.23E+06	1.423
				4260.110	6201	0	64897	0.0082	-0.0044	-0.0006	5.18E+06	1.424
				4261.110	6200	0	64912	0.0082	-0.0044	-0.0006	5.13E+06	1.427
				4262.110	6201	0	64944	0.0082	-0.0044	-0.0006	5.09E+06	1.437
				4263.110	6200	0	64975	0.0082	-0.0044	-0.0007	5.08E+06	1.449
				4264.110	6200	0	65021	0.0082	-0.0044	-0.0007	5.06E+06	1.457
				4265.110	6199	0	65037	0.0082	-0.0044	-0.0007	5.02E+06	1.465
				4266.100	6200	0	65052	0.0082	-0.0044	-0.0007	4.95E+06	1.462
				4267.100	6201	0	65068	0.0082	-0.0044	-0.0007	4.93E+06	1.476
				4268.100	6200	0	65114	0.0082	-0.0045	-0.0007	4.91E+06	1.489
				4269.100	6201	0	65130	0.0082	-0.0045	-0.0007	4.90E+06	1.498
				4270.100	6199	0	65130	0.0082	-0.0045	-0.0007	4.85E+06	1.499
				4271.100	6199	0	65177	0.0082	-0.0045	-0.0007	4.82E+06	1.507
				4272.100	6199	0	65208	0.0082	-0.0045	-0.0007	4.76E+06	1.508
				4273.100	6200	0	65223	0.0082	-0.0045	-0.0008	4.73E+06	1.515
				4274.100	6200	0	65239	0.0082	-0.0045	-0.0008	4.68E+06	1.515
				4275.100	6200	0	65270	0.0082	-0.0045	-0.0008	4.67E+06	1.522
				4276.100	6199	0	65285	0.0083	-0.0045	-0.0008	4.65E+06	1.527
				4277.100	6200	0	65332	0.0083	-0.0045	-0.0008	4.62E+06	1.530
				4278.100	6199	0	65332	0.0083	-0.0045	-0.0008	4.58E+06	1.526
				4279.100	6199	0	65348	0.0083	-0.0045	-0.0008	4.56E+06	1.528
				4280.100	6200	0	65394	0.0083	-0.0045	-0.0008	4.52E+06	1.532

4281.100	6201	0	65410	0.0083	-0.0046	-0.0008	4.51E+06	1.539
4282.100	6199	0	65441	0.0083	-0.0046	-0.0008	4.54E+06	1.554
4283.100	6200	0	65456	0.0083	-0.0046	-0.0009	4.57E+06	1.564
4284.100	6201	0	65488	0.0083	-0.0046	-0.0009	4.55E+06	1.559
4285.100	6199	0	65488	0.0083	-0.0046	-0.0009	4.56E+06	1.565
4286.100	6201	0	65488	0.0083	-0.0046	-0.0009	4.55E+06	1.567
4287.100	6200	0	65503	0.0083	-0.0046	-0.0009	4.57E+06	1.577
4288.100	6199	0	65534	0.0083	-0.0046	-0.0009	4.58E+06	1.586
4289.100	6199	0	65581	0.0083	-0.0046	-0.0009	4.61E+06	1.602
4290.100	6200	0	65581	0.0083	-0.0046	-0.0009	4.64E+06	1.607
4291.100	6199	0	65612	0.0083	-0.0046	-0.0009	4.63E+06	1.602
4292.100	6199	0	65627	0.0083	-0.0046	-0.0010	4.61E+06	1.597
4293.100	6200	0	65627	0.0083	-0.0046	-0.0010	4.61E+06	1.603
4294.100	6199	0	65674	0.0083	-0.0047	-0.0010	4.64E+06	1.616
4295.100	6200	0	65690	0.0083	-0.0047	-0.0010	4.64E+06	1.613
4296.100	6201	0	65721	0.0083	-0.0047	-0.0010	4.64E+06	1.613
4297.100	6200	0	65721	0.0083	-0.0047	-0.0010	4.61E+06	1.604
4298.090	6200	0	65752	0.0084	-0.0047	-0.0010	4.64E+06	1.610
4299.090	6200	0	65783	0.0084	-0.0047	-0.0010	4.66E+06	1.601
4300.090	6199	0	65814	0.0084	-0.0047	-0.0010	4.73E+06	1.593
4301.090	6200	0	65830	0.0084	-0.0047	-0.0010	4.81E+06	1.578
4302.090	6200	0	65845	0.0084	-0.0047	-0.0011	4.90E+06	1.564
4303.090	6199	0	65861	0.0084	-0.0047	-0.0011	5.02E+06	1.548
4304.090	6200	0	65892	0.0084	-0.0047	-0.0011	5.13E+06	1.532
4305.090	6199	0	65892	0.0084	-0.0047	-0.0011	5.27E+06	1.517
4306.090	6198	0	65923	0.0084	-0.0047	-0.0011	5.35E+06	1.499
4307.090	6201	0	65969	0.0084	-0.0047	-0.0011	5.44E+06	1.487
4308.090	6200	0	66000	0.0084	-0.0048	-0.0011	5.53E+06	1.479
4309.090	6199	0	65985	0.0084	-0.0048	-0.0011	5.60E+06	1.475
4310.090	6200	0	66032	0.0084	-0.0048	-0.0011	5.65E+06	1.467
4311.090	6201	0	66032	0.0084	-0.0048	-0.0011	5.66E+06	1.459
4312.090	6199	0	66078	0.0084	-0.0048	-0.0012	5.66E+06	1.454
4313.090	6200	0	66078	0.0084	-0.0048	-0.0012	5.66E+06	1.456
4314.090	6200	0	66109	0.0084	-0.0048	-0.0012	5.65E+06	1.461
4315.090	6199	0	66156	0.0084	-0.0048	-0.0012	5.61E+06	1.462
4316.090	6199	0	66172	0.0084	-0.0048	-0.0012	5.59E+06	1.472
4317.090	6199	0	66172	0.0084	-0.0048	-0.0012	5.55E+06	1.481
4318.090	6199	0	66187	0.0084	-0.0048	-0.0012	5.48E+06	1.487
4319.090	6199	0	66203	0.0084	-0.0048	-0.0012	5.42E+06	1.500
4320.090	6199	0	66249	0.0085	-0.0048	-0.0012	5.38E+06	1.515
4321.090	6200	0	66280	0.0085	-0.0049	-0.0012	5.31E+06	1.528
4322.090	6199	0	66296	0.0085	-0.0049	-0.0013	5.23E+06	1.541
4323.090	6199	0	66327	0.0085	-0.0049	-0.0013	5.14E+06	1.555
4324.090	6201	0	66420	0.0085	-0.0049	-0.0013	5.06E+06	1.573
4325.090	6200	0	66560	0.0085	-0.0049	-0.0013	4.95E+06	1.587
4326.090	6200	0	66653	0.0085	-0.0049	-0.0013	4.85E+06	1.604
4327.090	6199	0	66747	0.0085	-0.0049	-0.0013	4.73E+06	1.621
4328.080	6203	0	66855	0.0085	-0.0049	-0.0014	4.62E+06	1.638
4329.080	6199	0	66933	0.0085	-0.0050	-0.0014	4.48E+06	1.655
4330.080	6199	0	67058	0.0086	-0.0050	-0.0014	4.34E+06	1.670
4331.080	6199	0	67073	0.0086	-0.0050	-0.0014	4.22E+06	1.690
4332.080	6200	0	67166	0.0086	-0.0050	-0.0015	4.09E+06	1.708
4333.080	6200	0	67213	0.0086	-0.0050	-0.0015	3.96E+06	1.726
4334.080	6199	0	67260	0.0086	-0.0051	-0.0015	3.83E+06	1.746
4335.080	6199	0	67353	0.0086	-0.0051	-0.0015	3.68E+06	1.763
4336.080	6199	0	67368	0.0086	-0.0051	-0.0016	3.55E+06	1.783
4337.080	6199	0	67446	0.0087	-0.0051	-0.0016	3.41E+06	1.807
4338.080	6199	0	67446	0.0087	-0.0051	-0.0016	3.27E+06	1.830
4339.080	6201	0	67477	0.0087	-0.0052	-0.0017	3.11E+06	1.854
4340.080	6199	0	67477	0.0087	-0.0052	-0.0017	2.96E+06	1.886
4341.080	6201	0	67508	0.0087	-0.0052	-0.0017	2.80E+06	1.913
4342.080	6200	0	67508	0.0087	-0.0052	-0.0017	2.64E+06	1.938
4343.080	6199	0	67493	0.0087	-0.0052	-0.0018	2.44E+06	1.961
4344.080	6200	0	67477	0.0087	-0.0053	-0.0018	2.24E+06	1.992
4345.080	6199	0	67477	0.0087	-0.0053	-0.0018	2.00E+06	2.045
4346.080	6199	0	67477	0.0087	-0.0053	-0.0019	1.76E+06	2.083
4347.080	6200	0	67431	0.0087	-0.0053	-0.0019	1.48E+06	2.130
4348.080	6199	0	67399	0.0087	-0.0053	-0.0019	1.16E+06	2.182
4349.080	6199	0	67322	0.0087	-0.0053	-0.0019	7.79E+05	2.251
4350.080	6200	0	67291	0.0087	-0.0053	-0.0019	3.68E+05	2.317
4351.080	6200	0	67228	0.0087	-0.0053	-0.0020	-4.49E+04	2.390
4352.080	6200	0	67182	0.0087	-0.0054	-0.0020	-4.71E+05	2.464
4353.080	6199	0	67151	0.0087	-0.0054	-0.0020	-9.43E+05	2.563
4354.080	6199	0	67073	0.0087	-0.0054	-0.0020	-1.41E+06	2.653
4355.080	6201	0	67042	0.0087	-0.0054	-0.0020	-1.91E+06	2.755
4356.080	6199	0	67026	0.0087	-0.0054	-0.0020	-2.33E+06	2.837

				4357.080	6199	0	66995	0.0087	-0.0054	-0.0020	-2.80E+06	2.917
				4358.080	6200	0	66980	0.0087	-0.0054	-0.0021	-3.23E+06	3.019
				4359.080	6200	0	66949	0.0087	-0.0054	-0.0021	-3.60E+06	3.102
				4360.070	6200	0	66933	0.0087	-0.0054	-0.0021	-3.81E+06	3.126
				4361.070	6199	0	66949	0.0087	-0.0054	-0.0021	-3.85E+06	3.145
				4362.070	6199	0	66902	0.0087	-0.0054	-0.0021	-3.82E+06	3.152
				4363.070	6200	0	66902	0.0087	-0.0054	-0.0021	-3.50E+06	3.089
				4364.070	6200	0	66871	0.0087	-0.0054	-0.0021	-3.05E+06	3.029
				4365.070	6199	0	66887	0.0087	-0.0054	-0.0021	-2.52E+06	2.959
				4366.070	6199	0	66902	0.0087	-0.0054	-0.0021	-1.96E+06	2.872
				4367.070	6202	0	66933	0.0088	-0.0055	-0.0021	-1.31E+06	2.795
				4368.070	6200	0	66902	0.0088	-0.0055	-0.0022	-6.01E+05	2.725
				4369.070	6199	0	66918	0.0088	-0.0055	-0.0022	-3.46E+04	2.629
				4370.070	6199	0	66902	0.0088	-0.0055	-0.0022	5.82E+05	2.530
				4371.070	6199	0	66964	0.0088	-0.0055	-0.0022	1.21E+06	2.454
				4372.070	6200	0	66949	0.0088	-0.0055	-0.0022	1.77E+06	2.385
				4373.070	6200	0	66980	0.0088	-0.0055	-0.0022	2.23E+06	2.311
				4374.070	6199	0	67011	0.0088	-0.0055	-0.0022	2.63E+06	2.244
				4375.070	6198	0	67011	0.0088	-0.0055	-0.0022	3.08E+06	2.206
				4376.070	6199	0	67026	0.0088	-0.0055	-0.0022	3.37E+06	2.148
				4377.070	6200	0	67042	0.0088	-0.0055	-0.0022	3.61E+06	2.097
				4378.070	6199	0	67058	0.0088	-0.0055	-0.0022	3.81E+06	2.051
				4379.070	6201	0	67042	0.0088	-0.0055	-0.0022	3.97E+06	2.011
				4380.070	6199	0	67042	0.0088	-0.0055	-0.0023	4.07E+06	1.977
				4381.070	6200	0	67073	0.0088	-0.0055	-0.0023	4.10E+06	1.931
				4382.070	6199	0	67073	0.0088	-0.0055	-0.0023	4.19E+06	1.902
				4383.070	6199	0	67104	0.0088	-0.0055	-0.0023	4.28E+06	1.884
				4384.070	6199	0	67120	0.0088	-0.0055	-0.0023	4.33E+06	1.874
				4385.070	6200	0	67120	0.0088	-0.0056	-0.0023	4.34E+06	1.857
				4386.070	6200	0	67151	0.0088	-0.0056	-0.0023	4.34E+06	1.841
				4387.070	6199	0	67166	0.0088	-0.0056	-0.0023	4.34E+06	1.829
				4388.070	6202	0	67182	0.0088	-0.0056	-0.0023	4.31E+06	1.817
				4389.070	6199	0	67228	0.0088	-0.0056	-0.0023	4.28E+06	1.803
				4390.070	6201	0	67228	0.0088	-0.0056	-0.0023	4.23E+06	1.796
				4391.060	6200	0	67260	0.0088	-0.0056	-0.0024	4.22E+06	1.796
				4392.060	6199	0	67260	0.0088	-0.0056	-0.0024	4.18E+06	1.791
				4393.060	6200	0	67306	0.0088	-0.0056	-0.0024	4.15E+06	1.786
				4394.060	6200	0	67306	0.0088	-0.0056	-0.0024	4.08E+06	1.774
				4395.060	6200	0	67322	0.0088	-0.0056	-0.0024	4.03E+06	1.772
				4396.060	6200	0	67353	0.0088	-0.0056	-0.0024	4.01E+06	1.785
				4397.060	6200	0	67337	0.0088	-0.0056	-0.0024	3.98E+06	1.785
				4398.060	6200	0	67384	0.0089	-0.0056	-0.0024	3.95E+06	1.790
				4399.060	6199	0	67399	0.0089	-0.0056	-0.0024	3.91E+06	1.789
				4400.060	6202	0	67431	0.0089	-0.0057	-0.0025	3.89E+06	1.795
				4401.060	6199	0	67431	0.0089	-0.0057	-0.0025	3.91E+06	1.811
				4402.060	6202	0	67446	0.0089	-0.0057	-0.0025	3.86E+06	1.814
				4403.060	6199	0	67477	0.0089	-0.0057	-0.0025	3.85E+06	1.823
				4404.060	6199	0	67477	0.0089	-0.0057	-0.0025	3.82E+06	1.826
				4405.060	6199	0	67508	0.0089	-0.0057	-0.0025	3.81E+06	1.838
				4406.060	6200	0	67508	0.0089	-0.0057	-0.0025	3.76E+06	1.843
				4407.060	6202	0	67539	0.0089	-0.0057	-0.0025	3.73E+06	1.852
				4408.060	6199	0	67586	0.0089	-0.0057	-0.0026	3.68E+06	1.859
				4409.060	6200	0	67570	0.0089	-0.0057	-0.0026	3.64E+06	1.867
				4410.060	6200	0	67586	0.0089	-0.0057	-0.0026	3.61E+06	1.878
				4411.060	6199	0	67602	0.0089	-0.0058	-0.0026	3.55E+06	1.881
				4412.060	6199	0	67617	0.0089	-0.0058	-0.0026	3.49E+06	1.884
				4413.060	6199	0	67633	0.0089	-0.0058	-0.0026	3.43E+06	1.892
				4414.060	6200	0	67648	0.0089	-0.0058	-0.0026	3.37E+06	1.898
				4415.060	6200	0	67664	0.0089	-0.0058	-0.0026	3.32E+06	1.907
				4416.060	6199	0	67710	0.0089	-0.0058	-0.0027	3.30E+06	1.919
				4417.060	6200	0	67695	0.0089	-0.0058	-0.0027	3.24E+06	1.925
				4418.060	6201	0	67726	0.0089	-0.0058	-0.0027	3.18E+06	1.929
				4419.060	6200	0	67741	0.0090	-0.0058	-0.0027	3.16E+06	1.937
				4420.060	6199	0	67741	0.0090	-0.0058	-0.0027	3.12E+06	1.955
				4421.060	6200	0	67757	0.0089	-0.0058	-0.0027	3.08E+06	1.963
				4422.060	6199	0	67788	0.0090	-0.0059	-0.0027	3.05E+06	1.974
				4423.050	6198	0	67819	0.0090	-0.0059	-0.0028	3.00E+06	1.984
				4424.050	6200	0	67819	0.0090	-0.0059	-0.0028	2.95E+06	1.986
				4425.050	6200	0	67819	0.0090	-0.0059	-0.0028	2.88E+06	1.983
				4426.050	6200	0	67881	0.0090	-0.0059	-0.0028	2.85E+06	1.999
				4427.050	6200	0	67850	0.0090	-0.0059	-0.0028	2.79E+06	2.008
				4428.050	6200	0	67881	0.0090	-0.0059	-0.0028	2.73E+06	2.019
				4429.050	6200	0	67881	0.0090	-0.0059	-0.0028	2.69E+06	2.027
				4430.050	6199	0	67928	0.0090	-0.0059	-0.0029	2.65E+06	2.037
				4431.050	6199	0	67928	0.0090	-0.0059	-0.0029	2.59E+06	2.046
				4432.050	6199	0	67944	0.0090	-0.0060	-0.0029	2.53E+06	2.058

				4433.050	6200	0	67944	0.0090	-0.0060	-0.0029	2.47E+06	2.064
				4434.050	6200	0	67975	0.0090	-0.0060	-0.0029	2.43E+06	2.082
				4435.050	6200	0	67975	0.0090	-0.0060	-0.0029	2.38E+06	2.096
				4436.050	6199	0	67975	0.0090	-0.0060	-0.0030	2.33E+06	2.106
				4437.050	6201	0	68006	0.0090	-0.0060	-0.0030	2.27E+06	2.115
				4438.050	6199	0	67990	0.0091	-0.0060	-0.0030	2.20E+06	2.129
				4439.050	6200	0	68006	0.0091	-0.0060	-0.0030	2.13E+06	2.145
				4440.050	6199	0	68006	0.0091	-0.0060	-0.0030	2.06E+06	2.149
				4441.050	6199	0	68068	0.0091	-0.0061	-0.0031	1.99E+06	2.158
				4442.050	6200	0	68037	0.0091	-0.0061	-0.0031	1.93E+06	2.164
				4443.050	6201	0	68068	0.0091	-0.0061	-0.0031	1.85E+06	2.165
				4444.050	6199	0	68115	0.0091	-0.0061	-0.0031	1.78E+06	2.171
				4445.050	6199	0	68068	0.0091	-0.0061	-0.0031	1.72E+06	2.177
				4446.050	6200	0	68115	0.0091	-0.0061	-0.0031	1.64E+06	2.187
				4447.050	6200	0	68115	0.0091	-0.0061	-0.0032	1.57E+06	2.206
				4448.050	6199	0	68130	0.0091	-0.0061	-0.0032	1.51E+06	2.216
				4449.050	6200	0	68146	0.0091	-0.0062	-0.0032	1.46E+06	2.226
				4450.050	6199	0	68130	0.0091	-0.0062	-0.0032	1.39E+06	2.226
				4451.050	6199	0	68146	0.0091	-0.0062	-0.0032	1.32E+06	2.226
				4452.050	6199	0	68130	0.0091	-0.0062	-0.0032	1.27E+06	2.242
				4453.040	6199	0	68146	0.0091	-0.0062	-0.0033	1.19E+06	2.246
				4454.040	6200	0	68177	0.0091	-0.0062	-0.0033	1.12E+06	2.255
				4455.040	6200	0	68192	0.0091	-0.0062	-0.0033	1.03E+06	2.247
				4456.040	6200	0	68161	0.0091	-0.0062	-0.0033	9.82E+05	2.257
				4457.040	6199	0	68161	0.0091	-0.0062	-0.0034	9.16E+05	2.255
				4458.040	6199	0	68177	0.0092	-0.0063	-0.0034	8.51E+05	2.262
				4459.040	6201	0	68177	0.0092	-0.0063	-0.0034	7.69E+05	2.272
				4460.040	6200	0	68192	0.0092	-0.0063	-0.0034	7.00E+05	2.275
				4461.040	6201	0	68223	0.0092	-0.0063	-0.0034	6.26E+05	2.287
				4462.040	6200	0	68208	0.0092	-0.0063	-0.0034	5.48E+05	2.312
				4463.040	6199	0	68177	0.0092	-0.0063	-0.0035	4.79E+05	2.319
				4464.040	6199	0	68177	0.0092	-0.0063	-0.0035	4.02E+05	2.317
				4465.040	6199	0	68223	0.0092	-0.0064	-0.0035	3.12E+05	2.325
				4466.040	6200	0	68208	0.0092	-0.0064	-0.0035	2.26E+05	2.340
				4467.040	6200	0	68208	0.0092	-0.0064	-0.0036	1.52E+05	2.360
				4468.040	6199	0	68208	0.0092	-0.0064	-0.0036	6.02E+04	2.364
				4469.040	6201	0	68223	0.0092	-0.0064	-0.0036	-3.07E+04	2.369
				4470.040	6199	0	68208	0.0092	-0.0064	-0.0036	-9.59E+04	2.374
				4471.040	6199	0	68192	0.0092	-0.0064	-0.0036	-1.87E+05	2.391
				4472.040	6201	0	68208	0.0092	-0.0065	-0.0037	-2.59E+05	2.392
				4473.040	6201	0	68223	0.0092	-0.0065	-0.0037	-3.38E+05	2.411
				4474.040	6200	0	68239	0.0092	-0.0065	-0.0037	-4.11E+05	2.419
				4475.040	6200	0	68208	0.0093	-0.0065	-0.0037	-4.73E+05	2.420
				4476.040	6199	0	68223	0.0093	-0.0065	-0.0037	-5.47E+05	2.415
				4477.040	6199	0	68208	0.0093	-0.0065	-0.0038	-6.38E+05	2.421
				4478.040	6199	0	68208	0.0093	-0.0065	-0.0038	-7.19E+05	2.424
				4479.040	6199	0	68192	0.0093	-0.0065	-0.0038	-7.98E+05	2.432
				4480.040	6199	0	68177	0.0093	-0.0066	-0.0038	-8.77E+05	2.435
				4481.040	6202	0	68208	0.0093	-0.0066	-0.0039	-9.42E+05	2.444
				4482.040	6199	0	68192	0.0093	-0.0066	-0.0039	-1.01E+06	2.446
				4483.040	6200	0	68177	0.0093	-0.0066	-0.0039	-1.09E+06	2.466
				4484.040	6200	0	68146	0.0093	-0.0066	-0.0039	-1.16E+06	2.471
				4485.030	6201	0	68161	0.0093	-0.0066	-0.0039	-1.24E+06	2.483
				4486.030	6199	0	68146	0.0093	-0.0066	-0.0040	-1.30E+06	2.480
				4487.030	6199	0	68130	0.0093	-0.0067	-0.0040	-1.35E+06	2.482
				4488.030	6199	0	68146	0.0093	-0.0067	-0.0040	-1.40E+06	2.490
				4489.030	6199	0	68146	0.0093	-0.0067	-0.0040	-1.48E+06	2.502
				4490.030	6202	0	68099	0.0093	-0.0067	-0.0041	-1.54E+06	2.511
				4491.030	6199	0	68115	0.0093	-0.0067	-0.0041	-1.59E+06	2.511
				4492.030	6199	0	68083	0.0093	-0.0067	-0.0041	-1.63E+06	2.518
				4493.030	6199	0	68068	0.0094	-0.0068	-0.0041	-1.66E+06	2.510
				4494.030	6200	0	68037	0.0094	-0.0068	-0.0042	-1.70E+06	2.505
				4495.030	6200	0	68052	0.0094	-0.0068	-0.0042	-1.73E+06	2.503
				4496.030	6201	0	68037	0.0094	-0.0068	-0.0042	-1.78E+06	2.518
				4497.030	6200	0	68037	0.0094	-0.0068	-0.0042	-1.83E+06	2.523
				4498.030	6200	0	68006	0.0094	-0.0068	-0.0043	-1.86E+06	2.526
				4499.030	6199	0	68006	0.0094	-0.0068	-0.0043	-1.89E+06	2.532
				4500.030	6199	0	68006	0.0094	-0.0068	-0.0043	-1.90E+06	2.538
				4501.030	6200	0	67975	0.0094	-0.0069	-0.0043	-1.91E+06	2.534
				4502.030	6201	0	67928	0.0094	-0.0069	-0.0043	-1.90E+06	2.523
				4503.030	6200	0	67959	0.0094	-0.0069	-0.0044	-1.90E+06	2.511
				4504.030	6199	0	67944	0.0094	-0.0069	-0.0044	-1.90E+06	2.515
				4505.030	6199	0	67897	0.0094	-0.0069	-0.0044	-1.92E+06	2.526
				4506.030	6199	0	67912	0.0094	-0.0069	-0.0044	-1.93E+06	2.508
				4507.030	6199	0	67928	0.0094	-0.0069	-0.0044	-1.91E+06	2.496
				4508.030	6200	0	67912	0.0094	-0.0069	-0.0045	-1.88E+06	2.482

				4509.030	6199	0	67897	0.0094	-0.0070	-0.0045	-1.86E+06	2.482
				4510.030	6199	0	67866	0.0094	-0.0070	-0.0045	-1.84E+06	2.469
				4511.030	6200	0	67866	0.0095	-0.0070	-0.0045	-1.82E+06	2.457
				4512.030	6199	0	67850	0.0095	-0.0070	-0.0045	-1.81E+06	2.445
				4513.030	6199	0	67866	0.0095	-0.0070	-0.0046	-1.79E+06	2.446
				4514.030	6199	0	67835	0.0095	-0.0070	-0.0046	-1.74E+06	2.429
				4515.030	6200	0	67866	0.0095	-0.0070	-0.0046	-1.69E+06	2.412
				4516.020	6200	0	67819	0.0095	-0.0070	-0.0046	-1.67E+06	2.408
				4517.020	6199	0	67850	0.0095	-0.0071	-0.0046	-1.63E+06	2.404
				4518.020	6200	0	67835	0.0095	-0.0071	-0.0046	-1.58E+06	2.388
				4519.020	6199	0	67804	0.0095	-0.0071	-0.0047	-1.54E+06	2.380
				4520.020	6200	0	67804	0.0095	-0.0071	-0.0047	-1.51E+06	2.370
				4521.020	6199	0	67804	0.0095	-0.0071	-0.0047	-1.46E+06	2.358
				4522.020	6199	0	67773	0.0095	-0.0071	-0.0047	-1.42E+06	2.342
				4523.020	6201	0	67788	0.0095	-0.0071	-0.0047	-1.37E+06	2.306
				4524.020	6199	0	67773	0.0095	-0.0071	-0.0048	-1.35E+06	2.314
				4525.020	6200	0	67773	0.0095	-0.0071	-0.0048	-1.30E+06	2.306
				4526.020	6199	0	67773	0.0095	-0.0071	-0.0048	-1.24E+06	2.298
				4527.020	6200	0	67773	0.0095	-0.0072	-0.0048	-1.21E+06	2.290
				4528.020	6200	0	67773	0.0095	-0.0072	-0.0048	-1.19E+06	2.283
				4529.020	6200	0	67757	0.0095	-0.0072	-0.0048	-1.15E+06	2.268
				4530.020	6199	0	67726	0.0095	-0.0072	-0.0049	-1.13E+06	2.261
				4531.020	6199	0	67726	0.0095	-0.0072	-0.0049	-1.12E+06	2.258
				4532.020	6201	0	67726	0.0096	-0.0072	-0.0049	-1.09E+06	2.253
				4533.020	6201	0	67741	0.0096	-0.0072	-0.0049	-1.05E+06	2.246
				4534.020	6201	0	67757	0.0095	-0.0072	-0.0049	-1.00E+06	2.240
				4535.020	6199	0	67726	0.0096	-0.0072	-0.0049	-9.46E+05	2.229
				4536.020	6198	0	67710	0.0096	-0.0072	-0.0049	-9.14E+05	2.212
				4537.020	6199	0	67695	0.0096	-0.0073	-0.0049	-8.84E+05	2.193
				4538.020	6199	0	67726	0.0096	-0.0073	-0.0050	-8.56E+05	2.188
				4539.020	6200	0	67710	0.0096	-0.0073	-0.0050	-8.25E+05	2.188
				4540.020	6199	0	67710	0.0096	-0.0073	-0.0050	-8.07E+05	2.191
				4541.020	6199	0	67695	0.0096	-0.0073	-0.0050	-7.75E+05	2.184
				4542.020	6201	0	67695	0.0096	-0.0073	-0.0050	-7.60E+05	2.175
				4543.020	6200	0	67710	0.0096	-0.0073	-0.0050	-7.29E+05	2.179
				4544.020	6199	0	67695	0.0096	-0.0073	-0.0051	-6.98E+05	2.169
				4545.020	6199	0	67710	0.0096	-0.0073	-0.0051	-6.79E+05	2.165
				4546.020	6200	0	67695	0.0096	-0.0073	-0.0051	-6.65E+05	2.161
				4547.020	6200	0	67664	0.0096	-0.0074	-0.0051	-6.57E+05	2.167
				4548.010	6199	0	67664	0.0096	-0.0074	-0.0051	-6.75E+05	2.171
				4549.010	6201	0	67664	0.0096	-0.0074	-0.0051	-6.72E+05	2.170
				4550.010	6199	0	67695	0.0096	-0.0074	-0.0052	-6.73E+05	2.170
				4551.010	6200	0	67695	0.0096	-0.0074	-0.0052	-6.79E+05	2.176
				4552.010	6200	0	67664	0.0096	-0.0074	-0.0052	-6.77E+05	2.166
				4553.010	6199	0	67664	0.0096	-0.0074	-0.0052	-6.83E+05	2.175
				4554.010	6200	0	67664	0.0096	-0.0074	-0.0052	-6.89E+05	2.173
				4555.010	6200	0	67633	0.0096	-0.0074	-0.0052	-7.19E+05	2.197
				4556.010	6201	0	67648	0.0096	-0.0074	-0.0052	-7.83E+05	2.220
				4557.010	6200	0	67664	0.0097	-0.0075	-0.0053	-8.44E+05	2.229
				4558.010	6199	0	67664	0.0097	-0.0075	-0.0053	-9.09E+05	2.243
				4559.010	6201	0	67664	0.0097	-0.0075	-0.0053	-9.77E+05	2.267
				4560.010	6200	0	67695	0.0097	-0.0075	-0.0053	-1.07E+06	2.295
				4561.010	6200	0	67664	0.0097	-0.0075	-0.0053	-1.23E+06	2.314
				4562.010	6200	0	67648	0.0097	-0.0075	-0.0053	-3.83E+06	2.398
				4563.010	6200	0	67664	0.0097	-0.0075	-0.0054	-7.31E+06	2.549
				4564.010	6199	0	67648	0.0097	-0.0075	-0.0054	-9.87E+06	2.697
				4565.010	6199	0	67648	0.0097	-0.0075	-0.0054	-1.20E+07	2.826
				4566.010	6199	0	67633	0.0097	-0.0076	-0.0054	-1.39E+07	2.947
				4567.010	6200	0	67633	0.0097	-0.0076	-0.0054	-1.57E+07	3.070
				4568.010	6200	0	67633	0.0097	-0.0076	-0.0054	-1.75E+07	3.182
				4569.010	6199	0	67633	0.0097	-0.0076	-0.0055	-1.90E+07	3.280
				4570.010	6200	0	67633	0.0097	-0.0076	-0.0055	-2.03E+07	3.382
				4571.010	6199	0	67617	0.0097	-0.0076	-0.0055	-2.16E+07	3.475
				4572.010	6199	0	67602	0.0097	-0.0076	-0.0055	-2.27E+07	3.558
				4573.010	6199	0	67570	0.0097	-0.0076	-0.0055	-2.36E+07	3.626
				4574.010	6201	0	67586	0.0098	-0.0077	-0.0056	-2.43E+07	3.684
				4575.010	6199	0	67586	0.0098	-0.0077	-0.0056	-2.51E+07	3.758
				4576.010	6201	0	67570	0.0098	-0.0077	-0.0056	-2.57E+07	3.816
				4577.010	6200	0	67570	0.0098	-0.0077	-0.0056	-2.62E+07	3.860
				4578.000	6199	0	67555	0.0098	-0.0077	-0.0057	-2.65E+07	3.892
				4579.000	6201	0	67539	0.0098	-0.0077	-0.0057	-2.68E+07	3.922
				4580.000	6200	0	67508	0.0098	-0.0077	-0.0057	-2.69E+07	3.932
				4581.000	6199	0	67462	0.0098	-0.0078	-0.0057	-2.72E+07	3.956
				4582.000	6200	0	67446	0.0098	-0.0078	-0.0058	-2.75E+07	3.980
				4583.000	6199	0	67415	0.0098	-0.0078	-0.0058	-2.77E+07	3.987
				4584.000	6200	0	67384	0.0098	-0.0078	-0.0059	-2.79E+07	3.996

				4585.000	6200	0	67322	0.0098	-0.0079	-0.0059	-2.81E+07	4.001
				4586.000	6200	0	67182	0.0099	-0.0080	-0.0060	-2.83E+07	4.012
				4587.000	6199	0	64197	0.0101	-0.0085	-0.0069	-2.85E+07	4.011
				4588.000	6199	0	60529	0.0100	-0.0085	-0.0070	-2.85E+07	3.993
				4589.000	6199	0	59285	0.0099	-0.0084	-0.0069	-2.88E+07	4.005
				4590.000	6200	0	58975	0.0098	-0.0084	-0.0070	-2.89E+07	3.997
				4591.000	6200	0	58975	0.0098	-0.0084	-0.0070	-2.91E+07	4.004
				4592.000	6199	0	59177	0.0098	-0.0084	-0.0070	-2.91E+07	3.990
				4593.000	6199	0	59487	0.0099	-0.0084	-0.0069	-2.90E+07	3.975
				4594.000	6199	0	59783	0.0099	-0.0084	-0.0070	-2.88E+07	3.960
				4595.000	6200	0	60094	0.0098	-0.0084	-0.0070	-2.84E+07	3.923
				4596.000	6199	0	60405	0.0099	-0.0084	-0.0070	-2.77E+07	3.864
				4597.000	6200	0	60715	0.0099	-0.0084	-0.0070	-2.69E+07	3.791
				4598.000	6200	0	60980	0.0099	-0.0084	-0.0070	-2.56E+07	3.686
				4599.000	6201	0	61213	0.0099	-0.0084	-0.0070	-2.43E+07	3.584
				4600.000	6199	0	61368	0.0099	-0.0084	-0.0070	-2.26E+07	3.442
				4601.000	6199	0	61508	0.0099	-0.0084	-0.0070	-2.05E+07	3.266
				4602.000	6200	0	61602	0.0099	-0.0085	-0.0070	-1.83E+07	3.083
				4603.000	6202	0	61664	0.0099	-0.0085	-0.0070	-1.58E+07	2.879
				4604.000	6199	0	61726	0.0099	-0.0085	-0.0070	-1.33E+07	2.688
				4605.000	6201	0	61695	0.0099	-0.0085	-0.0070	-1.06E+07	2.466
				4606.000	6201	0	61617	0.0099	-0.0085	-0.0070	-7.90E+06	2.256
				4607.000	6201	0	61493	0.0099	-0.0085	-0.0070	-5.25E+06	2.036
				4608.000	6200	0	61368	0.0100	-0.0085	-0.0070	-2.63E+06	1.815
				4609.000	6201	0	61260	0.0099	-0.0085	-0.0070	2.03E+05	1.585
				4609.990	6199	0	61151	0.0099	-0.0085	-0.0071	3.17E+06	1.354
				4610.990	6200	0	61073	0.0099	-0.0085	-0.0071	5.74E+06	1.145
				4611.990	6201	0	60995	0.0099	-0.0085	-0.0071	7.68E+06	0.997
				4612.990	6199	0	60902	0.0100	-0.0085	-0.0071	6.37E+06	1.051
				4613.990	6201	0	60855	0.0099	-0.0085	-0.0071	5.93E+06	1.058
				4614.990	6199	0	60840	0.0100	-0.0085	-0.0071	5.13E+06	1.060
				4615.990	6199	0	60886	0.0099	-0.0085	-0.0071	4.08E+06	1.067
				4616.990	6200	0	60964	0.0100	-0.0085	-0.0071	2.95E+06	1.078
				4617.990	6201	0	61042	0.0100	-0.0085	-0.0071	1.87E+06	1.088
				4618.990	6199	0	61197	0.0100	-0.0085	-0.0071	9.74E+05	1.089
				4619.990	6199	0	61431	0.0100	-0.0085	-0.0071	1.78E+05	1.101
				4620.990	6199	0	61493	0.0100	-0.0085	-0.0071	-5.05E+05	1.112
				4621.990	6200	0	61586	0.0100	-0.0085	-0.0071	-9.48E+05	1.115
				4622.990	6199	0	61679	0.0100	-0.0086	-0.0071	-1.19E+06	1.121
				4623.990	6198	0	61741	0.0100	-0.0086	-0.0071	-1.23E+06	1.122
				4624.990	6200	0	61819	0.0100	-0.0086	-0.0071	-1.12E+06	1.125
				4625.990	6199	0	61850	0.0100	-0.0086	-0.0071	-8.83E+05	1.130
				4626.990	6200	0	61881	0.0100	-0.0086	-0.0071	-5.21E+05	1.128
				4627.990	6200	0	61928	0.0101	-0.0086	-0.0072	-1.08E+05	1.125
				4628.990	6200	0	61912	0.0101	-0.0086	-0.0072	3.33E+05	1.121
				4629.990	6200	0	61912	0.0101	-0.0086	-0.0072	7.90E+05	1.116
				4630.990	6199	0	61726	0.0101	-0.0086	-0.0072	1.21E+06	1.105
				4631.990	6199	0	61539	0.0101	-0.0086	-0.0072	1.56E+06	1.109
				4632.990	6200	0	61337	0.0101	-0.0086	-0.0072	1.82E+06	1.107
				4633.990	6199	0	61213	0.0101	-0.0086	-0.0072	1.97E+06	1.105
				4634.990	6199	0	61042	0.0101	-0.0086	-0.0072	1.95E+06	1.114
				4635.990	6200	0	60902	0.0101	-0.0086	-0.0072	1.74E+06	1.125
				4636.990	6199	0	60762	0.0101	-0.0086	-0.0072	1.33E+06	1.137
				4637.990	6200	0	60653	0.0101	-0.0086	-0.0072	7.78E+05	1.148
				4638.990	6199	0	60545	0.0101	-0.0087	-0.0072	8.55E+04	1.155
				4639.990	6200	0	60498	0.0101	-0.0087	-0.0072	-6.67E+05	1.177
				4640.980	6199	0	60405	0.0101	-0.0087	-0.0072	-1.50E+06	1.191
				4641.980	6199	0	60405	0.0101	-0.0087	-0.0072	-2.42E+06	1.212
				4642.980	6199	0	60560	0.0101	-0.0087	-0.0072	-3.29E+06	1.230
				4643.980	6199	0	60731	0.0101	-0.0087	-0.0072	-4.26E+06	1.250
				4644.980	6200	0	60886	0.0101	-0.0087	-0.0073	-5.21E+06	1.273
				4645.980	6199	0	61073	0.0101	-0.0087	-0.0073	-6.07E+06	1.293
				4646.980	6199	0	61260	0.0101	-0.0087	-0.0073	-6.85E+06	1.309
				4647.980	6199	0	61431	0.0101	-0.0087	-0.0073	-7.51E+06	1.325
				4648.980	6199	0	61555	0.0101	-0.0087	-0.0073	-8.02E+06	1.333
				4649.980	6200	0	61602	0.0101	-0.0087	-0.0073	-8.43E+06	1.346
				4650.980	6200	0	61664	0.0101	-0.0087	-0.0073	-8.65E+06	1.354
				4651.980	6199	0	61695	0.0101	-0.0087	-0.0073	-8.69E+06	1.356
				4652.980	6199	0	61726	0.0101	-0.0087	-0.0073	-8.63E+06	1.361
				4653.980	6200	0	61757	0.0102	-0.0087	-0.0073	-8.39E+06	1.360
				4654.980	6200	0	61773	0.0102	-0.0088	-0.0073	-8.07E+06	1.365
				4655.980	6199	0	61804	0.0102	-0.0088	-0.0073	-7.61E+06	1.361
				4656.980	6200	0	61757	0.0102	-0.0088	-0.0074	-7.15E+06	1.364
				4657.980	6201	0	61757	0.0102	-0.0088	-0.0074	-6.62E+06	1.358
				4658.980	6200	0	61695	0.0102	-0.0088	-0.0074	-6.16E+06	1.359
				4659.980	6199	0	61477	0.0102	-0.0088	-0.0074	-5.66E+06	1.353

4660.980	6199	0	61104	0.0102	-0.0088	-0.0074	-5.66E+06	1.352
4661.980	6199	0	60731	0.0102	-0.0088	-0.0075	-5.71E+06	1.349
4662.980	6200	0	60389	0.0102	-0.0089	-0.0075	-5.88E+06	1.354
4663.980	6200	0	60047	0.0102	-0.0089	-0.0075	-6.09E+06	1.355
4664.980	6199	0	59736	0.0102	-0.0089	-0.0075	-6.39E+06	1.359
4665.980	6199	0	59441	0.0102	-0.0089	-0.0075	-6.78E+06	1.365
4666.980	6199	0	59192	0.0102	-0.0089	-0.0075	-7.30E+06	1.370
4667.980	6199	0	58990	0.0102	-0.0089	-0.0075	-7.94E+06	1.380
4668.980	6199	0	58788	0.0102	-0.0089	-0.0075	-8.57E+06	1.389
4669.980	6199	0	58633	0.0102	-0.0089	-0.0075	-9.18E+06	1.399
4670.980	6200	0	58524	0.0102	-0.0089	-0.0075	-9.91E+06	1.429
4671.980	6199	0	58586	0.0102	-0.0089	-0.0075	-1.04E+07	1.442
4672.970	6201	0	58726	0.0102	-0.0089	-0.0075	-1.07E+07	1.451
4673.970	6199	0	58850	0.0102	-0.0089	-0.0075	-1.11E+07	1.490
4674.970	6199	0	59037	0.0102	-0.0089	-0.0075	-1.11E+07	1.514
4675.970	6199	0	59254	0.0102	-0.0089	-0.0075	-1.08E+07	1.527
4676.970	6199	0	59456	0.0103	-0.0089	-0.0075	-1.01E+07	1.550
4677.970	6199	0	59643	0.0102	-0.0089	-0.0076	-8.96E+06	1.549
4678.970	6199	0	59829	0.0103	-0.0089	-0.0076	-7.13E+06	1.550
4679.970	6199	0	60000	0.0103	-0.0089	-0.0076	-4.48E+06	1.539
4680.970	6200	0	60156	0.0103	-0.0089	-0.0076	-1.14E+06	1.500
4681.970	6199	0	60296	0.0103	-0.0089	-0.0076	2.25E+06	1.439
4682.970	6199	0	60420	0.0103	-0.0089	-0.0076	6.55E+06	1.398
4683.970	6199	0	60482	0.0103	-0.0090	-0.0076	9.25E+06	1.347
4684.970	6200	0	60436	0.0103	-0.0090	-0.0076	1.12E+07	1.310