

25BA029 (Stage 1)									25BA029 (Stage 2)									25BA029 (Stage 3)									25BA029 (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]	[-]
2258.550	1199	0	218	0.0000	0.0000	0.0000			2142.390	2201	0	0	0.0000	0.0000	0.0000			2204.080	4202	0	0	0.0000	0.0000	0.0000			2916.770	6199	0	0	0.0000	0.0000	0.0000		
2259.550	1199	0	218	0.0000	0.0000	0.0000			2143.390	2201	0	-73	0.0000	0.0000	0.0000			2205.080	4201	0	1017	0.0000	0.0000	0.0000			2917.770	6199	0	145	0.0000	0.0000	0.0000		
2260.550	1200	0	254	0.0000	0.0000	0.0000			2144.390	2201	0	145	0.0001	0.0000	0.0001			2206.080	4201	0	1271	0.0000	0.0000	0.0000			2918.770	6202	0	327	0.0000	0.0000	0.0000		
2261.550	1198	0	218	0.0000	0.0000	0.0000			2145.390	2200	0	363	0.0001	0.0000	0.0001			2207.080	4199	0	1307	0.0000	0.0000	0.0000			2919.770	6200	0	472	0.0000	0.0000	0.0000		
2262.550	1202	0	182	0.0000	0.0000	0.0000			2146.390	2201	0	472	0.0001	0.0000	0.0001			2208.080	4200	0	1416	0.0001	0.0000	0.0000			2920.770	6201	0	763	0.0000	0.0000	0.0000		
2263.550	1200	0	218	0.0000	0.0000	0.0000			2147.390	2201	0	545	0.0001	0.0000	0.0001			2209.080	4199	0	1598	0.0001	0.0000	0.0000			2921.770	6200	0	2070	0.0000	0.0000	0.0000		
2264.550	1201	0	254	0.0000	0.0000	0.0000			2148.390	2200	0	581	0.0001	0.0000	0.0001			2210.080	4200	0	1670	0.0001	0.0000	0.0001			2922.770	6199	0	2506	0.0001	0.0000	0.0000		
2265.550	1199	0	182	0.0000	0.0000	0.0000			2149.390	2200	0	436	0.0001	0.0000	0.0001			2211.080	4201	0	1670	0.0001	0.0000	0.0000			2923.770	6202	0	2687	0.0001	0.0000	0.0000		
2266.550	1200	0	218	0.0000	0.0000	0.0000			2150.390	2201	0	109	0.0002	0.0000	0.0001			2212.080	4199	0	1779	0.0001	0.0000	0.0001			2924.770	6200	0	2760	0.0001	0.0000	0.0000		
2267.550	1199	0	291	0.0000	0.0000	0.0000			2151.390	2201	0	-73	0.0002	0.0000	0.0001			2213.080	4200	0	1198	0.0001	0.0000	0.0001			2925.770	6201	0	2796	0.0001	0.0000	0.0000		
2268.550	1200	0	254	0.0000	0.0000	0.0000			2152.390	2201	0	-218	0.0002	0.0000	0.0001			2214.080	4199	0	799	0.0001	0.0000	0.0001			2926.770	6199	0	2760	0.0001	0.0000	0.0001		
2269.550	1200	0	254	0.0000	0.0000	0.0000			2153.390	2200	0	109	0.0001	0.0000	0.0001			2215.080	4201	0	545	0.0001	0.0000	0.0001			2927.770	6201	0	2796	0.0001	0.0000	0.0001		
2270.550	1199	0	218	0.0000	0.0000	0.0000			2154.390	2201	0	508	0.0001	0.0000	0.0001			2216.080	4199	0	617	0.0001	0.0000	0.0001			2928.770	6199	0	2833	0.0001	0.0000	0.0001		
2271.550	1200	0	291	0.0000	0.0000	0.0000			2155.390	2200	0	617	0.0002	0.0000	0.0001			2217.080	4201	0	835	0.0001	0.0000	0.0001			2929.770	6201	0	2796	0.0001	0.0000	0.0001		
2272.550	1202	0	254	0.0000	0.0000	0.0000			2156.390	2201	0	726	0.0002	0.0000	0.0001			2218.080	4198	0	980	0.0001	0.0000	0.0001			2930.770	6199	0	2833	0.0001	0.0000	0.0001		
2273.550	1198	0	291	0.0000	0.0000	0.0000			2157.390	2201	0	726	0.0002	0.0000	0.0001			2219.080	4199	0	1162	0.0001	0.0000	0.0001			2931.770	6200	0	2833	0.0001	0.0000	0.0001		
2274.550	1199	0	218	0.0000	0.0000	0.0000			2158.390	2201	0	726	0.0002	0.0000	0.0001			2220.080	4201	0	1271	0.0001	0.0000	0.0001			2932.770	6199	0	2905	0.0001	0.0000	0.0001		
2275.550	1199	0	254	0.0000	0.0000	0.0000			2159.390	2201	0	799	0.0002	0.0000	0.0001			2221.080	4199	0	1525	0.0001	0.0000	0.0001			2933.770	6201	0	2941	0.0001	0.0000	0.0001		
2276.550	1199	0	254	0.0000	0.0000	0.0000			2160.390	2201	0	835	0.0002	0.0000	0.0001			2222.080	4200	0	1707	0.0001	0.0000	0.0001			2934.760	6199	0	2869	0.0001	0.0000	0.0001		
2277.550	1201	0	254	0.0000	0.0000	0.0000			2161.390	2201	0	799	0.0002	0.0000	0.0001			2223.080	4200	0	1816	0.0001	0.0000	0.0001			2935.760	6200	0	2941	0.0001	0.0000	0.0001		
2278.550	1199	0	291	0.0000	0.0000	0.0000			2162.390	2201	0	872	0.0002	0.0000	0.0001			2224.080	4200	0	1925	0.0001	0.0000	0.0001			2936.760	6200	0	3014	0.0001	0.0000	0.0001		
2279.550	1199	0	218	0.0000	0.0000	0.0000			2163.390	2201	0	908	0.0002	0.0000	0.0001			2225.080	4200	0	1888	0.0002	0.0000	0.0001			2937.760	6199	0	2978	0.0002	0.0000	0.0001		
2280.550	1201	0	254	0.0000	0.0000	0.0000			2164.390	2200	0	872	0.0002	0.0000	0.0001			2226.080	4200	0	1997	0.0002													

2330.380	1200	0	1162	0.0003	0.0000	0.0002	4.01E+06	0.114	2214.370	2200	0	1925	0.0004	-0.0001	0.0003	5.21E+06	0.181	2276.060	4202	0	3341	0.0003	-0.0001	0.0002	5.36E+06	0.201	2988.750	6200	0	4176	0.0004	-0.0001	0.0002	5.47E+06	0.203
2331.380	1200	0	1162	0.0003	0.0000	0.0002	4.02E+06	0.113	2215.370	2201	0	1961	0.0004	-0.0001	0.0003	5.27E+06	0.184	2277.060	4203	0	3450	0.0003	-0.0001	0.0002	5.34E+06	0.199	2989.750	6201	0	4249	0.0004	-0.0001	0.0002	5.46E+06	0.203
2332.380	1201	0	1198	0.0002	0.0000	0.0002	4.02E+06	0.112	2216.370	2201	0	1925	0.0004	-0.0001	0.0003	5.42E+06	0.184	2278.060	4200	0	3450	0.0004	-0.0001	0.0002	5.22E+06	0.198	2990.750	6199	0	4249	0.0004	-0.0001	0.0002	5.50E+06	0.206
2333.380	1201	0	1271	0.0003	0.0000	0.0002	4.07E+06	0.113	2217.370	2201	0	2034	0.0004	-0.0001	0.0003	5.33E+06	0.180	2279.060	4201	0	3377	0.0004	-0.0001	0.0002	5.17E+06	0.195	2991.750	6200	0	4249	0.0004	-0.0001	0.0002	5.48E+06	0.209
2334.380	1200	0	1344	0.0003	0.0000	0.0002	4.07E+06	0.113	2218.370	2201	0	2034	0.0004	-0.0001	0.0003	5.19E+06	0.179	2280.060	4200	0	3450	0.0004	-0.0001	0.0002	5.07E+06	0.193	2992.750	6202	0	4321	0.0004	-0.0001	0.0002	5.53E+06	0.211
2335.380	1201	0	1307	0.0003	0.0000	0.0002	4.04E+06	0.112	2219.370	2202	0	2070	0.0004	-0.0001	0.0003	5.24E+06	0.179	2281.060	4200	0	3486	0.0004	-0.0001	0.0002	5.01E+06	0.193	2993.750	6202	0	4285	0.0004	-0.0001	0.0002	5.55E+06	0.214
2336.380	1200	0	1271	0.0003	0.0000	0.0002	4.00E+06	0.113	2220.370	2200	0	2070	0.0004	-0.0001	0.0003	5.20E+06	0.177	2282.060	4200	0	3522	0.0004	-0.0001	0.0002	4.96E+06	0.191	2994.750	6201	0	4394	0.0004	-0.0001	0.0002	5.60E+06	0.215
2337.370	1199	0	1307	0.0003	0.0000	0.0002	3.99E+06	0.114	2221.370	2201	0	2106	0.0004	-0.0001	0.0003	5.23E+06	0.177	2283.060	4199	0	3559	0.0004	-0.0001	0.0002	5.00E+06	0.190	2995.750	6201	0	4394	0.0004	-0.0001	0.0002	5.57E+06	0.216
2338.370	1200	0	1344	0.0003	0.0000	0.0002	3.81E+06	0.112	2222.370	2200	0	2106	0.0004	-0.0001	0.0003	5.29E+06	0.177	2284.060	4199	0	3559	0.0004	-0.0001	0.0002	4.97E+06	0.190	2996.750	6202	0	4394	0.0004	-0.0001	0.0002	5.53E+06	0.217
2339.370	1200	0	1344	0.0003	0.0000	0.0002	3.86E+06	0.112	2223.370	2201	0	2179	0.0004	-0.0001	0.0003	5.24E+06	0.177	2285.060	4202	0	3595	0.0004	-0.0001	0.0002	4.97E+06	0.192	2997.740	6200	0	4394	0.0004	-0.0001	0.0002	5.49E+06	0.216
2340.370	1201	0	1416	0.0003	0.0000	0.0002	3.91E+06	0.109	2224.370	2200	0	2179	0.0004	-0.0001	0.0003	5.21E+06	0.179	2286.060	4202	0	3631	0.0004	-0.0001	0.0002	5.02E+06	0.194	2998.740	6200	0	4394	0.0004	-0.0001	0.0002	5.48E+06	0.218
2341.370	1201	0	1453	0.0003	0.0000	0.0002	3.88E+06	0.111	2225.370	2200	0	2179	0.0004	-0.0001	0.0003	5.22E+06	0.180	2287.060	4201	0	3559	0.0004	-0.0001	0.0003	4.97E+06	0.194	2999.740	6200	0	4467	0.0004	-0.0001	0.0002	5.59E+06	0.220
2342.370	1198	0	1380	0.0003	0.0000	0.0002	3.85E+06	0.111	2226.370	2200	0	2251	0.0004	-0.0001	0.0003	5.18E+06	0.181	2288.060	4199	0	3668	0.0004	-0.0001	0.0002	4.93E+06	0.194	3000.740	6201	0	4430	0.0004	-0.0001	0.0002	5.60E+06	0.220
2343.370	1199	0	1416	0.0003	0.0000	0.0002	3.81E+06	0.112	2227.370	2201	0	2215	0.0005	-0.0001	0.0003	5.20E+06	0.179	2289.060	4199	0	3668	0.0004	-0.0001	0.0002	4.97E+06	0.195	3001.740	6201	0	4467	0.0004	-0.0001	0.0002	5.58E+06	0.224
2344.370	1201	0	1489	0.0003	0.0000	0.0002	3.70E+06	0.114	2228.360	2202	0	2288	0.0005	-0.0001	0.0003	5.25E+06	0.179	2290.060	4199	0	3704	0.0004	-0.0001	0.0002	4.93E+06	0.193	3002.740	6199	0	4576	0.0004	-0.0001	0.0002	5.64E+06	0.225
2345.370	1202	0	1489	0.0003	0.0000	0.0003	3.67E+06	0.114	2229.360	2201	0	2288	0.0004	-0.0001	0.0003	5.23E+06	0.178	2291.060	4201	0	3631	0.0004	-0.0001	0.0002	4.90E+06	0.192	3003.740	6200	0	4576	0.0004	-0.0001	0.0002	5.61E+06	0.225
2346.370	1201	0	1562	0.0003	0.0000	0.0002	3.69E+06	0.114	2230.360	2201	0	2324	0.0005	-0.0001	0.0003	5.21E+06	0.176	2292.060	4200	0	3777	0.0004	-0.0001	0.0003	4.97E+06	0.193	3004.740	6200	0	4576	0.0004	-0.0001	0.0002	5.64E+06	0.224
2347.370	1198	0	1525	0.0003	0.0000	0.0002	3.69E+06	0.115	2231.360	2201	0	2324	0.0005	-0.0001	0.0003	5.24E+06	0.177	2293.060	4201	0	3777	0.0004	-0.0001	0.0003	5.03E+06	0.195	3005.740	6198	0	4576	0.0004	-0.0001	0.0002	5.64E+06	0.222
2348.370	1199	0	1489	0.0003	0.0000	0.0002	3.66E+06	0.114	2232.360	2199	0	2360	0.0004	-0.0001	0.0003	5.24E+06	0.176	2294.060	4201	0	3740	0.0004	-0.0001	0.0002	4.96E+06	0.193	3006.740	6199	0	4576	0.0004	-0.0001	0.0002	5.69E+06	0.224
2349.370	1199	0	1453	0.0003	0.0000	0.0002	3.67E+06	0.114	2233.360	2200	0	2360	0.0005	-0.0001	0.0003	5.27E+06	0.180	2295.060	4202	0	3849	0.0004	-0.0001	0.0002	5.03E+06	0.194	3007.740	6200	0	4648	0.0004	-0.0001	0.0002	5.74E+06	0.226
2350.370	1199	0	1562	0.0003	0.0000	0.0003	3.70E+06	0.112	2234.360	2201	0	2397	0.0005	-0.0001	0.0003	5.24E+06	0.180	2296.050	4199	0	3886	0.0004	-0.0001	0.0002	5.02E+06	0.193	3008.740	6199	0	4684	0.0004	-0.0001	0.0002	5.73E+06	0.225
2351.370	1200	0	1525	0.0003	0.0000	0.0003	3.64E+06	0.113	2235.360	2200	0	2469	0.0005	-0.0001	0.0003	5.21E+06	0.179	2297.050	4202	0	3777	0.0005	-0.0001	0.0003	5.04E+06	0.199	3009.740	6200	0	4684	0.0004	-0.0001	0.0002	5.72E+06	0.227
2352.370	1200	0	1634	0.0003	0.0000	0.0003	3.72E+06	0.112	2236.360	2201	0	2469	0.0005	-0.0001	0.0003	5.11E+06	0.177	2298.050	4201	0	3849	0.0005	-0.0001	0.0003	5.01E+06	0.198	3010.740	6201	0	4721	0.0005	-0.0001	0.0003	5.68E+06	0.225
2353.370	1201	0	1598	0.0003	0.0000	0.0003	3.72E+06	0.113	2237.360	2201	0	2397	0.0005	-0.0001	0.0003	5.14E+06	0.178	2299.050	4200	0	3886	0.0005	-0.0001	0.0003	5.04E+06	0.201	3011.740	6201	0	4757	0.0004	-0.0001	0.0002	5.65E+06	0.225
2354.370	1200	0	1598	0.0003	0.0000	0.0003	3.67E+06	0.114	2238.360	2201	0	2469	0.0005	-0.0001	0.0003	5.15E+06	0.179	2300.050	4202	0	3958	0.0004	-0.0001	0.0003	5.04E+06	0.203	3012.740	6199	0	4793	0.0005	-0.0001	0.0003	5.65E+06	0.223
2355.370	1199	0	1598	0.0004	0.0000	0.0003	3.70E+06	0.114	2239.360	2201	0	2506	0.0005	-0.0001	0.0003	5.19E+06	0.179	2301.050	4200	0	3922	0.0005	-0.0001	0.0003	5.02E+06	0.201	3013.740	6201	0	4793	0.0004	-0.0001	0.0002	5.67E+06	0.222
2356.370	1201	0	1634	0.0003	0.0000	0.0003	3.63E+06	0.112	2240.360	2200	0	2542	0.0005	-0.0001	0.0003	5.22E+06	0.179	2302.050	4202	0	3958	0.0004	-0.0001	0.0003	4.96E+06	0.198	3014.740	6199	0	4866	0.0005	-0.0001	0.0003	5.67E+06	0.224
2357.370	1200	0	1670	0.0004	0.0000	0.0003	3.58E+06	0.110	2241.360	2201	0	2542	0.0005	-0.0001	0.0003	5.15E+06	0.178	2303.050	4201	0	3958	0.0005	-0.0001	0.0003	5.03E+06	0.200	3015.740	6201	0	4866	0.0005	-0.0001	0.0002	5.72E+06	0.221
2358.370	1200	0	1670	0.0004	0.0000	0.0003	3.58E+06	0.108	2242.360	2200	0	2542	0.0005	-0.0001	0.0004	5.08E+06	0.176	2304.050	4200	0	3995	0.0005	-0.0001	0.0003	5.04E+06	0.201	3016.740	6200	0	4830	0.0005	-0.0001	0.0003	5.75E+06	0.220
2359.370	1200	0	1634	0.0004	0.0000	0.0003	3.58E+06	0.111	2243.360	2201	0	2506	0.0005	-0.0001	0.0004	5.10E+06	0.175	2305.050	4202	0	3995	0.0005	-0.0001	0.0003	4.99E+06	0.199	3017.740	6201	0	4902	0.0005	-0.0001	0.0003	5.76E+06	0.220
2360.370	1200	0	1707	0.0004	0.0000	0.0003	3.62E+06	0.110	2244.360	2198	0	2542	0.0005	-0.0001	0.0003	5.02E+06	0.172	2306.050	4200	0	4031	0.0005	-0.0001	0.0003	5.00E+06	0.202	3018.740	6201	0	4902	0.0005	-0.0001	0.0003	5.78E+06	0.219
2361.370	1200	0	1670	0.0004	0.0000	0.0003	3.63E+06	0.109	2245.360	2201	0	2615	0.0005	-0.0001	0.0004	5.01E+06	0.172	2307.050	4200	0	4067	0.0005	-0.0001	0.0003	5.06E+06	0.203	3019.740	6200	0	4939	0.0005	-0.0001	0.0003	5.83E+06	0.222
2362.370	1201	0	1743	0.0003	0.0000	0.0003	3.62E+06	0.111	2246.360	2201	0	2651	0.0005	-0.0001	0.0004	5.11E+06	0.173	2308.050	4201	0	4103	0.0005	-0.0001	0.0003	5.01E+06	0.200	3020.740	6201	0	4939	0.0005				

2406.350	1201	0	2360	0.0006	-0.0001	0.0004	3.82E+06	0.110	2290.350	2200	0	3631	0.0007	-0.0001	0.0005	5.16E+06	0.202	2352.040	4200	0	5048	0.0007	-0.0001	0.0004	5.39E+06	0.226	3064.720	6199	0	5992	0.0007	-0.0001	0.0004	5.41E+06	0.224
2407.350	1200	0	2360	0.0005	-0.0001	0.0004	3.81E+06	0.108	2291.340	2201	0	3631	0.0007	-0.0001	0.0005	5.15E+06	0.201	2353.040	4200	0	5084	0.0007	-0.0001	0.0004	5.30E+06	0.223	3065.720	6200	0	5992	0.0007	-0.0001	0.0004	5.47E+06	0.227
2408.350	1200	0	2397	0.0005	-0.0001	0.0004	3.80E+06	0.109	2292.340	2201	0	3668	0.0007	-0.0001	0.0005	5.14E+06	0.201	2354.040	4201	0	5084	0.0006	-0.0001	0.0004	5.31E+06	0.224	3066.720	6200	0	6064	0.0007	-0.0001	0.0004	5.47E+06	0.225
2409.350	1199	0	2433	0.0006	-0.0001	0.0004	3.76E+06	0.108	2293.340	2201	0	3668	0.0007	-0.0001	0.0005	5.04E+06	0.199	2355.040	4201	0	5048	0.0007	-0.0001	0.0004	5.30E+06	0.224	3067.720	6202	0	6101	0.0007	-0.0002	0.0004	5.53E+06	0.226
2410.350	1201	0	2397	0.0005	-0.0001	0.0004	3.77E+06	0.110	2294.340	2201	0	3740	0.0007	-0.0001	0.0005	5.01E+06	0.199	2356.040	4201	0	5193	0.0007	-0.0001	0.0004	5.27E+06	0.223	3068.720	6201	0	6064	0.0007	-0.0001	0.0004	5.55E+06	0.225
2411.350	1202	0	2433	0.0006	-0.0001	0.0004	3.76E+06	0.111	2295.340	2201	0	3777	0.0007	-0.0001	0.0005	4.95E+06	0.198	2357.040	4202	0	5156	0.0007	-0.0001	0.0004	5.28E+06	0.225	3069.720	6199	0	6064	0.0007	-0.0002	0.0004	5.61E+06	0.228
2412.350	1200	0	2469	0.0006	-0.0001	0.0004	3.71E+06	0.110	2296.340	2201	0	3777	0.0007	-0.0001	0.0005	4.94E+06	0.196	2358.040	4201	0	5156	0.0007	-0.0001	0.0004	5.31E+06	0.227	3070.720	6202	0	6137	0.0007	-0.0002	0.0004	5.72E+06	0.230
2413.350	1199	0	2433	0.0006	-0.0001	0.0004	3.74E+06	0.111	2297.340	2201	0	3777	0.0007	-0.0001	0.0005	4.97E+06	0.196	2359.030	4201	0	5156	0.0007	-0.0001	0.0004	5.26E+06	0.225	3071.720	6200	0	6101	0.0007	-0.0002	0.0004	5.77E+06	0.230
2414.350	1199	0	2469	0.0006	-0.0001	0.0005	3.78E+06	0.113	2298.340	2201	0	3777	0.0007	-0.0001	0.0005	4.94E+06	0.192	2360.030	4200	0	5193	0.0007	-0.0001	0.0004	5.24E+06	0.224	3072.720	6199	0	6137	0.0007	-0.0002	0.0004	5.72E+06	0.233
2415.350	1200	0	2506	0.0006	-0.0001	0.0005	3.79E+06	0.114	2299.340	2201	0	3777	0.0007	-0.0001	0.0005	5.04E+06	0.196	2361.030	4200	0	5265	0.0007	-0.0001	0.0004	5.24E+06	0.224	3073.720	6201	0	6101	0.0007	-0.0002	0.0004	5.74E+06	0.235
2416.350	1199	0	2506	0.0006	-0.0001	0.0004	3.82E+06	0.116	2300.340	2201	0	3849	0.0007	-0.0001	0.0005	5.06E+06	0.196	2362.030	4199	0	5229	0.0007	-0.0001	0.0004	5.26E+06	0.224	3074.720	6202	0	6173	0.0007	-0.0002	0.0004	5.73E+06	0.238
2417.350	1200	0	2578	0.0006	-0.0001	0.0005	3.85E+06	0.117	2301.340	2201	0	3886	0.0008	-0.0001	0.0005	5.02E+06	0.196	2363.030	4202	0	5265	0.0007	-0.0001	0.0004	5.30E+06	0.226	3075.720	6199	0	6246	0.0007	-0.0002	0.0004	5.75E+06	0.237
2418.350	1198	0	2615	0.0006	-0.0001	0.0005	3.91E+06	0.115	2302.340	2201	0	3922	0.0008	-0.0001	0.0005	5.01E+06	0.197	2364.030	4200	0	5338	0.0007	-0.0001	0.0004	5.37E+06	0.224	3076.720	6200	0	6246	0.0007	-0.0002	0.0004	5.83E+06	0.241
2419.350	1200	0	2615	0.0006	-0.0001	0.0005	3.96E+06	0.114	2303.340	2201	0	3886	0.0008	-0.0001	0.0005	4.98E+06	0.195	2365.030	4200	0	5302	0.0007	-0.0001	0.0004	5.28E+06	0.223	3077.720	6200	0	6282	0.0007	-0.0002	0.0004	5.78E+06	0.239
2420.350	1200	0	2578	0.0006	-0.0001	0.0005	3.95E+06	0.114	2304.340	2202	0	3922	0.0007	-0.0001	0.0005	4.92E+06	0.195	2366.030	4200	0	5265	0.0007	-0.0001	0.0004	5.24E+06	0.221	3078.720	6202	0	6355	0.0007	-0.0002	0.0004	5.75E+06	0.239
2421.350	1198	0	2651	0.0006	-0.0001	0.0005	3.92E+06	0.116	2305.340	2201	0	3922	0.0008	-0.0001	0.0005	4.92E+06	0.197	2367.030	4200	0	5374	0.0007	-0.0001	0.0004	5.23E+06	0.221	3079.720	6199	0	6246	0.0007	-0.0002	0.0004	5.78E+06	0.241
2422.350	1201	0	2651	0.0006	-0.0001	0.0005	3.96E+06	0.119	2306.340	2200	0	3995	0.0008	-0.0001	0.0005	4.95E+06	0.198	2368.030	4200	0	5411	0.0007	-0.0001	0.0004	5.22E+06	0.221	3080.720	6199	0	6355	0.0007	-0.0002	0.0004	5.75E+06	0.241
2423.350	1200	0	2651	0.0006	-0.0001	0.0005	3.93E+06	0.119	2307.340	2201	0	3995	0.0008	-0.0001	0.0005	4.88E+06	0.198	2369.030	4202	0	5411	0.0007	-0.0002	0.0004	5.18E+06	0.220	3081.720	6200	0	6355	0.0007	-0.0002	0.0004	5.75E+06	0.242
2424.350	1200	0	2651	0.0006	-0.0001	0.0005	3.96E+06	0.120	2308.340	2201	0	3995	0.0008	-0.0001	0.0005	4.95E+06	0.201	2370.030	4201	0	5411	0.0007	-0.0002	0.0004	5.14E+06	0.218	3082.720	6199	0	6464	0.0007	-0.0002	0.0004	5.66E+06	0.242
2425.350	1200	0	2651	0.0006	-0.0001	0.0005	4.05E+06	0.123	2309.340	2201	0	4031	0.0008	-0.0001	0.0005	4.95E+06	0.202	2371.030	4200	0	5447	0.0007	-0.0002	0.0004	5.06E+06	0.217	3083.720	6200	0	6464	0.0007	-0.0002	0.0004	5.59E+06	0.240
2426.350	1200	0	2724	0.0006	-0.0001	0.0005	3.98E+06	0.123	2310.340	2200	0	4031	0.0008	-0.0001	0.0005	4.89E+06	0.200	2372.030	4200	0	5520	0.0007	-0.0002	0.0004	5.18E+06	0.217	3084.720	6200	0	6464	0.0007	-0.0002	0.0004	5.56E+06	0.240
2427.350	1200	0	2724	0.0006	-0.0001	0.0005	3.99E+06	0.125	2311.340	2201	0	4031	0.0008	-0.0001	0.0005	4.87E+06	0.198	2373.030	4200	0	5520	0.0007	-0.0002	0.0004	5.05E+06	0.218	3085.720	6200	0	6464	0.0007	-0.0002	0.0004	5.61E+06	0.242
2428.350	1201	0	2724	0.0006	-0.0001	0.0005	3.96E+06	0.126	2312.340	2201	0	4103	0.0008	-0.0001	0.0005	4.95E+06	0.200	2374.030	4200	0	5556	0.0007	-0.0002	0.0004	5.00E+06	0.217	3086.720	6200	0	6500	0.0008	-0.0002	0.0004	5.63E+06	0.244
2429.350	1201	0	2760	0.0006	-0.0001	0.0005	4.01E+06	0.127	2313.340	2200	0	4103	0.0008	-0.0001	0.0005	4.91E+06	0.199	2375.030	4201	0	5520	0.0008	-0.0002	0.0004	4.96E+06	0.217	3087.720	6201	0	6536	0.0008	-0.0002	0.0004	5.69E+06	0.246
2430.340	1202	0	2760	0.0006	-0.0001	0.0005	4.02E+06	0.127	2314.340	2201	0	4140	0.0008	-0.0001	0.0005	4.87E+06	0.199	2376.030	4200	0	5556	0.0008	-0.0002	0.0005	4.95E+06	0.217	3088.720	6200	0	6536	0.0007	-0.0002	0.0004	5.74E+06	0.248
2431.340	1200	0	2796	0.0007	-0.0001	0.0005	3.94E+06	0.127	2315.340	2201	0	4140	0.0008	-0.0001	0.0005	4.83E+06	0.198	2377.030	4201	0	5629	0.0008	-0.0002	0.0004	4.82E+06	0.214	3089.720	6200	0	6609	0.0008	-0.0002	0.0004	5.78E+06	0.251
2432.340	1201	0	2796	0.0006	-0.0001	0.0005	3.94E+06	0.125	2316.340	2201	0	4140	0.0008	-0.0001	0.0005	4.83E+06	0.198	2378.030	4202	0	5556	0.0008	-0.0002	0.0005	4.80E+06	0.213	3090.720	6199	0	6609	0.0008	-0.0002	0.0004	5.71E+06	0.250
2433.340	1202	0	2760	0.0006	-0.0001	0.0005	3.97E+06	0.127	2317.340	2201	0	4212	0.0008	-0.0001	0.0005	4.81E+06	0.200	2379.030	4201	0	5592	0.0007	-0.0002	0.0004	4.80E+06	0.212	3091.710	6200	0	6609	0.0008	-0.0002	0.0004	5.59E+06	0.247
2434.340	1198	0	2796	0.0007	-0.0001	0.0005	4.00E+06	0.128	2318.340	2202	0	4212	0.0008	-0.0001	0.0006	4.89E+06	0.203	2380.030	4203	0	5665	0.0008	-0.0002	0.0004	4.81E+06	0.213	3092.710	6201	0	6645	0.0008	-0.0002	0.0004	5.55E+06	0.247
2435.340	1200	0	2869	0.0007	-0.0001	0.0005	3.98E+06	0.127	2319.340	2201	0	4249	0.0008	-0.0001	0.0006	4.86E+06	0.200	2381.030	4200	0	5629	0.0008	-0.0002	0.0005	4.76E+06	0.212	3093.710	6201	0	6718	0.0008	-0.0002	0.0004	5.59E+06	0.246
2436.340	1198	0	2796	0.0007	-0.0001	0.0005	4.01E+06	0.127	2320.340	2200	0	4249	0.0008	-0.0001	0.0005	4.82E+06	0.199	2382.030	4201	0	5701	0.0008	-0.0002	0.0005	4.83E+06	0.214	3094.710	6199	0	6682	0.0008	-0.0002	0.0004	5.63E+06	0.247
2437.340	1200	0	2833	0.0007	-0.0001	0.0005	3.93E+06	0.127	2321.340	2200	0	4285	0.0008	-0.0001	0.0005	4.84E+06	0.198	2383.030	4202	0	5701	0.0008	-0.0002	0.0005	4.79E+06	0.213	3095.710	6200	0	6754	0.0008	-0.0002	0.0004	5.55E+06	0.246
2438.340	1199	0	2905	0.0007	-0.0001	0.0005	3.93E+06	0.126	2322.330	2200	0	4321	0.0008	-0.0001	0.0006	4.82E+06	0.197	2384.030	4199	0	5737	0.0008	-0.0002	0.0005	4.83E+06	0.214	3096.710	6200	0	6718	0.0008				

2482.330	1200	0	3595	0.0008	-0.0001	0.0006	3.88E+06	0.142	2366.320	2201	0	5302	0.0010	-0.0002	0.0006	5.09E+06	0.230	2428.010	4200	0	6718	0.0010	-0.0002	0.0006	5.65E+06	0.252	3140.700	6200	0	7771	0.0010	-0.0002	0.0005	5.66E+06	0.268
2483.330	1200	0	3631	0.0008	-0.0001	0.0006	3.92E+06	0.141	2367.320	2201	0	5265	0.0010	-0.0002	0.0007	5.08E+06	0.231	2429.010	4203	0	6791	0.0010	-0.0002	0.0005	5.65E+06	0.254	3141.700	6199	0	7807	0.0010	-0.0002	0.0005	5.69E+06	0.270
2484.330	1200	0	3595	0.0009	-0.0001	0.0007	3.98E+06	0.146	2368.320	2201	0	5374	0.0010	-0.0002	0.0006	5.04E+06	0.232	2430.010	4201	0	6791	0.0010	-0.0002	0.0006	5.70E+06	0.255	3142.700	6200	0	7844	0.0010	-0.0002	0.0005	5.60E+06	0.267
2485.330	1200	0	3631	0.0009	-0.0001	0.0007	4.02E+06	0.145	2369.320	2201	0	5374	0.0010	-0.0002	0.0006	5.11E+06	0.234	2431.010	4200	0	6791	0.0010	-0.0002	0.0006	5.61E+06	0.254	3143.700	6199	0	7880	0.0010	-0.0002	0.0005	5.49E+06	0.265
2486.330	1201	0	3631	0.0009	-0.0001	0.0007	4.09E+06	0.146	2370.320	2201	0	5338	0.0010	-0.0002	0.0007	5.14E+06	0.232	2432.010	4202	0	6754	0.0010	-0.0002	0.0006	5.60E+06	0.253	3144.700	6201	0	7880	0.0010	-0.0002	0.0005	5.58E+06	0.269
2487.330	1200	0	3704	0.0009	-0.0001	0.0007	4.13E+06	0.148	2371.320	2202	0	5411	0.0010	-0.0002	0.0007	5.06E+06	0.232	2433.010	4200	0	6827	0.0010	-0.0002	0.0005	5.56E+06	0.252	3145.700	6201	0	7880	0.0010	-0.0002	0.0005	5.57E+06	0.270
2488.330	1199	0	3631	0.0009	-0.0001	0.0007	4.12E+06	0.149	2372.320	2200	0	5411	0.0010	-0.0002	0.0007	5.07E+06	0.232	2434.010	4200	0	6827	0.0010	-0.0002	0.0005	5.55E+06	0.253	3146.700	6200	0	7989	0.0010	-0.0002	0.0005	5.50E+06	0.269
2489.330	1200	0	3704	0.0009	-0.0001	0.0007	4.12E+06	0.148	2373.320	2201	0	5447	0.0011	-0.0002	0.0007	5.02E+06	0.230	2435.010	4201	0	6863	0.0010	-0.0002	0.0006	5.62E+06	0.254	3147.700	6199	0	7953	0.0010	-0.0002	0.0006	5.56E+06	0.272
2490.330	1199	0	3704	0.0009	-0.0001	0.0007	4.08E+06	0.149	2374.320	2201	0	5447	0.0011	-0.0002	0.0007	5.03E+06	0.231	2436.010	4201	0	6900	0.0010	-0.0002	0.0006	5.67E+06	0.256	3148.700	6199	0	8025	0.0010	-0.0002	0.0005	5.45E+06	0.269
2491.330	1201	0	3704	0.0009	-0.0001	0.0007	4.11E+06	0.150	2375.320	2200	0	5447	0.0011	-0.0002	0.0007	5.10E+06	0.233	2437.010	4201	0	6900	0.0010	-0.0002	0.0006	5.60E+06	0.255	3149.700	6200	0	7989	0.0010	-0.0002	0.0005	5.37E+06	0.267
2492.320	1201	0	3777	0.0009	-0.0001	0.0007	4.17E+06	0.149	2376.320	2200	0	5483	0.0011	-0.0002	0.0007	5.10E+06	0.235	2438.010	4200	0	7008	0.0010	-0.0002	0.0006	5.61E+06	0.256	3150.700	6199	0	8025	0.0010	-0.0002	0.0005	5.44E+06	0.269
2493.320	1200	0	3704	0.0009	-0.0001	0.0007	4.15E+06	0.148	2377.320	2201	0	5483	0.0011	-0.0002	0.0007	5.08E+06	0.235	2439.010	4200	0	6900	0.0010	-0.0002	0.0006	5.58E+06	0.255	3151.700	6200	0	7989	0.0010	-0.0002	0.0005	5.41E+06	0.269
2494.320	1199	0	3740	0.0009	-0.0001	0.0007	4.22E+06	0.150	2378.320	2200	0	5520	0.0011	-0.0002	0.0007	5.07E+06	0.235	2440.010	4199	0	7008	0.0010	-0.0002	0.0006	5.50E+06	0.254	3152.700	6200	0	8025	0.0010	-0.0002	0.0005	5.38E+06	0.269
2495.320	1200	0	3813	0.0009	-0.0001	0.0007	4.19E+06	0.149	2379.320	2200	0	5556	0.0011	-0.0002	0.0007	5.03E+06	0.234	2441.010	4201	0	7008	0.0010	-0.0002	0.0006	5.54E+06	0.256	3153.690	6200	0	8098	0.0010	-0.0002	0.0005	5.37E+06	0.268
2496.320	1198	0	3740	0.0009	-0.0001	0.0007	4.23E+06	0.151	2380.320	2200	0	5665	0.0011	-0.0002	0.0007	5.05E+06	0.235	2442.010	4200	0	7081	0.0010	-0.0002	0.0006	5.56E+06	0.256	3154.690	6200	0	8134	0.0010	-0.0002	0.0006	5.38E+06	0.266
2497.320	1199	0	3740	0.0009	-0.0001	0.0007	4.24E+06	0.151	2381.320	2201	0	5629	0.0011	-0.0002	0.0007	5.02E+06	0.234	2443.010	4202	0	7081	0.0010	-0.0002	0.0006	5.56E+06	0.258	3155.690	6201	0	8207	0.0010	-0.0002	0.0005	5.40E+06	0.265
2498.320	1199	0	3849	0.0009	-0.0001	0.0007	4.32E+06	0.153	2382.320	2201	0	5629	0.0011	-0.0002	0.0007	4.97E+06	0.232	2444.010	4201	0	7117	0.0010	-0.0002	0.0006	5.45E+06	0.257	3156.690	6199	0	8134	0.0010	-0.0002	0.0005	5.34E+06	0.262
2499.320	1201	0	3886	0.0009	-0.0001	0.0007	4.28E+06	0.154	2383.320	2201	0	5592	0.0011	-0.0002	0.0007	5.02E+06	0.234	2445.010	4199	0	7117	0.0010	-0.0002	0.0006	5.52E+06	0.259	3157.690	6200	0	8171	0.0011	-0.0002	0.0006	5.34E+06	0.261
2500.320	1200	0	3922	0.0009	-0.0001	0.0007	4.25E+06	0.153	2384.320	2201	0	5665	0.0011	-0.0002	0.0007	5.08E+06	0.236	2446.010	4200	0	7117	0.0010	-0.0002	0.0006	5.53E+06	0.259	3158.690	6200	0	8207	0.0011	-0.0002	0.0006	5.34E+06	0.262
2501.320	1200	0	3958	0.0009	-0.0001	0.0007	4.32E+06	0.155	2385.310	2201	0	5738	0.0011	-0.0002	0.0007	5.11E+06	0.237	2447.010	4202	0	7190	0.0011	-0.0002	0.0006	5.61E+06	0.261	3159.690	6201	0	8207	0.0011	-0.0003	0.0006	5.35E+06	0.264
2502.320	1200	0	3849	0.0009	-0.0001	0.0007	4.29E+06	0.156	2386.310	2201	0	5701	0.0011	-0.0002	0.0007	5.13E+06	0.236	2448.010	4201	0	7190	0.0010	-0.0002	0.0006	5.58E+06	0.262	3160.690	6203	0	8352	0.0010	-0.0002	0.0006	5.32E+06	0.264
2503.320	1201	0	3849	0.0009	-0.0001	0.0007	4.26E+06	0.156	2387.310	2201	0	5774	0.0011	-0.0002	0.0007	5.15E+06	0.239	2449.010	4201	0	7154	0.0010	-0.0002	0.0006	5.53E+06	0.259	3161.690	6200	0	8316	0.0011	-0.0003	0.0006	5.33E+06	0.266
2504.320	1203	0	3995	0.0009	-0.0001	0.0007	4.30E+06	0.157	2388.310	2200	0	5774	0.0011	-0.0002	0.0007	5.24E+06	0.241	2450.010	4202	0	7190	0.0011	-0.0002	0.0006	5.47E+06	0.259	3162.690	6199	0	8280	0.0011	-0.0003	0.0006	5.35E+06	0.266
2505.320	1200	0	3886	0.0009	-0.0001	0.0007	4.43E+06	0.160	2389.310	2201	0	5738	0.0011	-0.0002	0.0007	5.25E+06	0.243	2451.010	4200	0	7263	0.0011	-0.0002	0.0006	5.56E+06	0.263	3163.690	6199	0	8352	0.0011	-0.0003	0.0006	5.37E+06	0.267
2506.320	1201	0	4031	0.0009	-0.0001	0.0007	4.47E+06	0.160	2390.310	2201	0	5810	0.0011	-0.0002	0.0007	5.28E+06	0.245	2452.010	4201	0	7299	0.0011	-0.0002	0.0006	5.51E+06	0.263	3164.690	6201	0	8352	0.0011	-0.0003	0.0006	5.33E+06	0.269
2507.320	1202	0	3995	0.0009	-0.0001	0.0007	4.52E+06	0.160	2391.310	2200	0	5810	0.0011	-0.0002	0.0007	5.31E+06	0.246	2453.000	4201	0	7372	0.0011	-0.0002	0.0006	5.60E+06	0.264	3165.690	6201	0	8352	0.0011	-0.0003	0.0006	5.37E+06	0.270
2508.320	1201	0	3995	0.0009	-0.0001	0.0007	4.54E+06	0.159	2392.310	2200	0	5846	0.0011	-0.0002	0.0007	5.36E+06	0.248	2454.000	4199	0	7335	0.0011	-0.0002	0.0006	5.59E+06	0.262	3166.690	6201	0	8425	0.0011	-0.0003	0.0006	5.39E+06	0.273
2509.320	1203	0	4031	0.0009	-0.0001	0.0007	4.58E+06	0.161	2393.310	2201	0	5810	0.0011	-0.0002	0.0007	5.34E+06	0.245	2455.000	4198	0	7335	0.0011	-0.0002	0.0006	5.65E+06	0.265	3167.690	6199	0	8461	0.0011	-0.0003	0.0006	5.36E+06	0.272
2510.320	1200	0	4031	0.0010	-0.0001	0.0007	4.57E+06	0.158	2394.310	2202	0	5883	0.0011	-0.0002	0.0007	5.36E+06	0.246	2456.000	4202	0	7372	0.0011	-0.0002	0.0006	5.64E+06	0.264	3168.690	6200	0	8461	0.0011	-0.0003	0.0006	5.54E+06	0.274
2511.320	1198	0	4176	0.0010	-0.0001	0.0007	4.58E+06	0.157	2395.310	2200	0	5955	0.0011	-0.0002	0.0007	5.40E+06	0.249	2457.000	4201	0	7408	0.0011	-0.0002	0.0006	5.69E+06	0.264	3169.690	6200	0	8425	0.0011	-0.0003	0.0006	5.54E+06	0.275
2512.320	1202	0	4103	0.0010	-0.0001	0.0007	4.65E+06	0.159	2396.310	2201	0	5919	0.0011	-0.0002	0.0007	5.42E+06	0.249	2458.000	4201	0	7408	0.0011	-0.0002	0.0006	5.70E+06	0.264	3170.690	6200	0	8497	0.0011	-0.0003	0.0006	5.50E+06	0.275
2513.320	1202	0	4140	0.0010	-0.0001	0.0007	4.67E+06	0.158	2397.310	2201	0	5955	0.0011	-0.0002	0.0007	5.45E+06	0.251	2459.000	4202	0	7408	0.0011	-0.0002	0.0006	5.79E+06	0.265	3171.690	6199	0	8534	0.0011	-0.0003	0.0006	5.53E+06	0.277
2514.320	1199	0	4103	0.0010	-0.0001	0.0007	4.72E+06	0.159	2398.310	2201	0	5955	0.0011	-0.0002	0.0007	5.38E+06	0.252	2460.000	4200	0	7444	0.0011	-0.0002	0.0006	5.88E+06	0.267	3172.690	6199	0	8570	0.0011				

2558.300	1202	0	4902	0.0011	-0.0001	0.0009	4.32E+06	0.180	2442.300	2201	0	6972	0.0013	-0.0003	0.0008	5.27E+06	0.268	2503.990	4200	0	8534	0.0013	-0.0003	0.0007	5.36E+06	0.268	3216.670	6201	0	9623	0.0013	-0.0003	0.0007	5.49E+06	0.288
2559.300	1202	0	4939	0.0012	-0.0001	0.0009	4.34E+06	0.180	2443.300	2202	0	6972	0.0013	-0.0003	0.0008	5.31E+06	0.269	2504.990	4201	0	8606	0.0013	-0.0003	0.0007	5.32E+06	0.268	3217.670	6200	0	9660	0.0013	-0.0003	0.0007	5.53E+06	0.290
2560.300	1201	0	4975	0.0012	-0.0001	0.0009	4.42E+06	0.183	2444.300	2201	0	7009	0.0014	-0.0003	0.0008	5.32E+06	0.268	2505.990	4200	0	8570	0.0013	-0.0003	0.0007	5.29E+06	0.269	3218.670	6203	0	9732	0.0013	-0.0003	0.0007	5.57E+06	0.293
2561.300	1200	0	5048	0.0012	-0.0001	0.0009	4.40E+06	0.181	2445.300	2200	0	7045	0.0014	-0.0003	0.0008	5.34E+06	0.271	2506.990	4201	0	8643	0.0013	-0.0003	0.0007	5.26E+06	0.267	3219.670	6200	0	9732	0.0013	-0.0003	0.0007	5.68E+06	0.293
2562.300	1200	0	5011	0.0012	-0.0001	0.0009	4.41E+06	0.182	2446.300	2201	0	7045	0.0013	-0.0003	0.0008	5.38E+06	0.273	2507.990	4200	0	8643	0.0013	-0.0003	0.0007	5.33E+06	0.269	3220.670	6201	0	9732	0.0013	-0.0003	0.0006	5.66E+06	0.292
2563.300	1201	0	4975	0.0012	-0.0002	0.0009	4.51E+06	0.186	2447.290	2201	0	7081	0.0014	-0.0003	0.0008	5.42E+06	0.272	2508.990	4202	0	8679	0.0013	-0.0003	0.0007	5.38E+06	0.271	3221.670	6200	0	9768	0.0013	-0.0003	0.0007	5.58E+06	0.292
2564.300	1202	0	5048	0.0012	-0.0002	0.0009	4.53E+06	0.184	2448.290	2200	0	7190	0.0014	-0.0003	0.0008	5.48E+06	0.274	2509.990	4201	0	8715	0.0013	-0.0003	0.0007	5.41E+06	0.272	3222.670	6201	0	9768	0.0013	-0.0003	0.0007	5.63E+06	0.294
2565.300	1200	0	5084	0.0012	-0.0002	0.0009	4.54E+06	0.185	2449.290	2201	0	7117	0.0014	-0.0003	0.0008	5.50E+06	0.276	2510.990	4201	0	8679	0.0013	-0.0003	0.0007	5.49E+06	0.273	3223.670	6202	0	9768	0.0013	-0.0003	0.0007	5.64E+06	0.295
2566.300	1200	0	5048	0.0012	-0.0002	0.0009	4.53E+06	0.185	2450.290	2201	0	7154	0.0014	-0.0003	0.0008	5.55E+06	0.280	2511.990	4202	0	8788	0.0013	-0.0003	0.0007	5.49E+06	0.273	3224.670	6200	0	9841	0.0013	-0.0003	0.0007	5.67E+06	0.295
2567.300	1200	0	5084	0.0012	-0.0002	0.0009	4.53E+06	0.184	2451.290	2201	0	7117	0.0014	-0.0003	0.0008	5.57E+06	0.280	2512.990	4198	0	8752	0.0013	-0.0003	0.0007	5.45E+06	0.271	3225.670	6202	0	9841	0.0013	-0.0003	0.0007	5.66E+06	0.296
2568.300	1200	0	5157	0.0012	-0.0002	0.0009	4.50E+06	0.183	2452.290	2201	0	7117	0.0014	-0.0003	0.0008	5.63E+06	0.283	2513.990	4202	0	8788	0.0013	-0.0003	0.0007	5.57E+06	0.275	3226.670	6199	0	9914	0.0013	-0.0003	0.0007	5.67E+06	0.296
2569.300	1200	0	5157	0.0012	-0.0002	0.0009	4.47E+06	0.183	2453.290	2202	0	7226	0.0014	-0.0003	0.0008	5.63E+06	0.284	2514.980	4200	0	8824	0.0013	-0.0003	0.0007	5.56E+06	0.276	3227.670	6199	0	9877	0.0014	-0.0003	0.0007	5.59E+06	0.295
2570.300	1201	0	5120	0.0012	-0.0002	0.0009	4.44E+06	0.184	2454.290	2201	0	7226	0.0014	-0.0003	0.0008	5.66E+06	0.287	2515.980	4201	0	8788	0.0013	-0.0003	0.0007	5.55E+06	0.277	3228.670	6201	0	9950	0.0013	-0.0003	0.0007	5.63E+06	0.294
2571.300	1202	0	5193	0.0012	-0.0002	0.0009	4.42E+06	0.185	2455.290	2201	0	7154	0.0014	-0.0003	0.0008	5.70E+06	0.287	2516.980	4201	0	8861	0.0013	-0.0003	0.0007	5.54E+06	0.279	3229.670	6199	0	9914	0.0014	-0.0003	0.0007	5.55E+06	0.294
2572.300	1201	0	5265	0.0012	-0.0002	0.0009	4.53E+06	0.190	2456.290	2201	0	7299	0.0014	-0.0003	0.0008	5.73E+06	0.286	2517.980	4200	0	8897	0.0013	-0.0003	0.0007	5.56E+06	0.282	3230.670	6203	0	9950	0.0014	-0.0003	0.0007	5.56E+06	0.295
2573.300	1200	0	5193	0.0012	-0.0002	0.0009	4.55E+06	0.189	2457.290	2200	0	7263	0.0014	-0.0003	0.0009	5.69E+06	0.286	2518.980	4199	0	8897	0.0014	-0.0003	0.0007	5.67E+06	0.284	3231.670	6199	0	9950	0.0014	-0.0003	0.0007	5.59E+06	0.294
2574.300	1199	0	5265	0.0012	-0.0002	0.0009	4.52E+06	0.187	2458.290	2200	0	7299	0.0014	-0.0003	0.0008	5.70E+06	0.287	2519.980	4201	0	8933	0.0013	-0.0003	0.0007	5.67E+06	0.286	3232.670	6202	0	9986	0.0014	-0.0003	0.0007	5.51E+06	0.294
2575.300	1201	0	5229	0.0012	-0.0002	0.0009	4.54E+06	0.187	2459.290	2200	0	7335	0.0014	-0.0003	0.0008	5.70E+06	0.287	2520.980	4200	0	8933	0.0014	-0.0003	0.0007	5.66E+06	0.287	3233.670	6201	0	10059	0.0014	-0.0003	0.0007	5.50E+06	0.290
2576.300	1201	0	5229	0.0012	-0.0002	0.0009	4.53E+06	0.188	2460.290	2201	0	7335	0.0014	-0.0003	0.0009	5.66E+06	0.288	2521.980	4199	0	8969	0.0014	-0.0003	0.0007	5.72E+06	0.289	3234.670	6201	0	10059	0.0014	-0.0003	0.0007	5.57E+06	0.293
2577.300	1201	0	5302	0.0012	-0.0002	0.0009	4.53E+06	0.189	2461.290	2201	0	7372	0.0014	-0.0003	0.0008	5.64E+06	0.288	2522.980	4200	0	9006	0.0014	-0.0003	0.0007	5.71E+06	0.289	3235.670	6199	0	10059	0.0014	-0.0003	0.0007	5.56E+06	0.293
2578.300	1200	0	5338	0.0012	-0.0002	0.0009	4.53E+06	0.190	2462.290	2201	0	7372	0.0014	-0.0003	0.0008	5.63E+06	0.291	2523.980	4201	0	9006	0.0013	-0.0003	0.0007	5.72E+06	0.290	3236.670	6202	0	10095	0.0014	-0.0003	0.0007	5.61E+06	0.295
2579.300	1201	0	5302	0.0012	-0.0002	0.0009	4.51E+06	0.188	2463.290	2201	0	7372	0.0014	-0.0003	0.0008	5.64E+06	0.291	2524.980	4200	0	9078	0.0014	-0.0003	0.0007	5.70E+06	0.290	3237.670	6199	0	10132	0.0014	-0.0003	0.0007	5.61E+06	0.295
2580.300	1201	0	5374	0.0012	-0.0002	0.0009	4.58E+06	0.190	2464.290	2201	0	7408	0.0014	-0.0003	0.0009	5.57E+06	0.289	2525.980	4200	0	9115	0.0014	-0.0003	0.0008	5.87E+06	0.296	3238.670	6199	0	10277	0.0014	-0.0003	0.0007	5.57E+06	0.291
2581.300	1200	0	5338	0.0012	-0.0002	0.0009	4.61E+06	0.192	2465.290	2201	0	7481	0.0014	-0.0003	0.0008	5.56E+06	0.290	2526.980	4200	0	9151	0.0014	-0.0003	0.0007	5.88E+06	0.299	3239.670	6199	0	10204	0.0014	-0.0003	0.0007	5.59E+06	0.293
2582.300	1200	0	5338	0.0012	-0.0002	0.0009	4.62E+06	0.192	2466.290	2200	0	7481	0.0014	-0.0003	0.0008	5.60E+06	0.291	2527.980	4198	0	9078	0.0014	-0.0003	0.0007	5.78E+06	0.298	3240.670	6202	0	10241	0.0014	-0.0004	0.0007	5.74E+06	0.297
2583.300	1201	0	5374	0.0013	-0.0002	0.0009	4.60E+06	0.193	2467.290	2201	0	7481	0.0014	-0.0003	0.0009	5.62E+06	0.290	2528.980	4199	0	9151	0.0014	-0.0003	0.0007	5.77E+06	0.296	3241.670	6199	0	10277	0.0014	-0.0004	0.0007	5.65E+06	0.297
2584.300	1203	0	5411	0.0013	-0.0002	0.0009	4.64E+06	0.193	2468.290	2201	0	7590	0.0015	-0.0003	0.0009	5.67E+06	0.292	2529.980	4200	0	9151	0.0014	-0.0003	0.0007	5.72E+06	0.295	3242.670	6200	0	10277	0.0014	-0.0004	0.0007	5.60E+06	0.295
2585.300	1200	0	5520	0.0012	-0.0002	0.0009	4.66E+06	0.193	2469.290	2201	0	7517	0.0015	-0.0003	0.0009	5.67E+06	0.293	2530.980	4202	0	9224	0.0014	-0.0003	0.0007	5.73E+06	0.298	3243.670	6201	0	10313	0.0014	-0.0004	0.0007	5.62E+06	0.295
2586.290	1199	0	5447	0.0013	-0.0002	0.0009	4.64E+06	0.192	2470.290	2201	0	7626	0.0015	-0.0003	0.0008	5.65E+06	0.293	2531.980	4200	0	9260	0.0014	-0.0003	0.0008	5.75E+06	0.297	3244.670	6200	0	10313	0.0014	-0.0004	0.0007	5.59E+06	0.294
2587.290	1200	0	5447	0.0013	-0.0002	0.0009	4.65E+06	0.190	2471.290	2201	0	7626	0.0015	-0.0003	0.0009	5.69E+06	0.294	2532.980	4200	0	9260	0.0014	-0.0003	0.0008	5.73E+06	0.295	3245.670	6201	0	10350	0.0014	-0.0004	0.0007	5.58E+06	0.294
2588.290	1201	0	5483	0.0013	-0.0002	0.0009	4.65E+06	0.188	2472.290	2201	0	7662	0.0015	-0.0003	0.0009	5.63E+06	0.292	2533.980	4201	0	9296	0.0014	-0.0003	0.0007	5.69E+06	0.296	3246.670	6200	0	10313	0.0014	-0.0004	0.0007	5.61E+06	0.295
2589.290	1201	0	5556	0.0013	-0.0002	0.0009	4.59E+06	0.188	2473.290	2200	0	7698	0.0015	-0.0003	0.0009	5.53E+06	0.289	2534.980	4200	0	9333	0.0014	-0.0003	0.0007	5.71E+06	0.296	3247.660	6199	0	10350	0.0014	-0.0004	0.0007	5.63E+06	0.297
2590.290	1200	0	5556	0.0013	-0.0002	0.0010	4.58E+06	0.189	2474.290	2201	0	7698	0.0015	-0.0003	0.0009	5.62E+06	0.290	2535.980	4200	0	9369	0.0014	-0.0003	0.0007	5.65E+06	0.295	3248.660	6199	0						

2634.280	1200	0	6428	0.0015	-0.0002	0.0010	4.49E+06	0.222	2518.270	2201	0	8606	0.0017	-0.0004	0.0009	5.32E+06	0.305	2579.960	4200	0	10458	0.0016	-0.0004	0.0008	5.92E+06	0.307	3292.650	6201	0	11475	0.0016	-0.0004	0.0008	5.20E+06	0.312
2635.280	1201	0	6428	0.0015	-0.0002	0.0011	4.46E+06	0.222	2519.270	2201	0	8679	0.0017	-0.0004	0.0009	5.32E+06	0.304	2580.960	4201	0	10386	0.0016	-0.0004	0.0008	5.85E+06	0.304	3293.650	6202	0	11512	0.0016	-0.0004	0.0008	5.17E+06	0.311
2636.280	1200	0	6428	0.0015	-0.0002	0.0010	4.50E+06	0.224	2520.270	2202	0	8715	0.0017	-0.0004	0.0010	5.34E+06	0.305	2581.960	4201	0	10422	0.0016	-0.0004	0.0008	5.90E+06	0.304	3294.650	6199	0	11512	0.0016	-0.0004	0.0008	5.23E+06	0.312
2637.280	1199	0	6500	0.0015	-0.0002	0.0011	4.47E+06	0.224	2521.270	2201	0	8752	0.0017	-0.0004	0.0010	5.39E+06	0.306	2582.960	4199	0	10495	0.0016	-0.0004	0.0008	5.88E+06	0.303	3295.650	6199	0	11512	0.0016	-0.0004	0.0008	5.23E+06	0.311
2638.280	1200	0	6536	0.0015	-0.0002	0.0011	4.46E+06	0.223	2522.270	2201	0	8788	0.0017	-0.0004	0.0009	5.42E+06	0.306	2583.960	4200	0	10495	0.0016	-0.0004	0.0008	5.89E+06	0.302	3296.650	6199	0	11512	0.0017	-0.0004	0.0008	5.30E+06	0.312
2639.280	1199	0	6609	0.0015	-0.0002	0.0011	4.46E+06	0.224	2523.270	2201	0	8824	0.0017	-0.0004	0.0010	5.34E+06	0.305	2584.960	4201	0	10531	0.0016	-0.0004	0.0008	5.95E+06	0.305	3297.650	6199	0	11548	0.0016	-0.0004	0.0008	5.30E+06	0.311
2640.280	1201	0	6573	0.0015	-0.0002	0.0011	4.39E+06	0.225	2524.270	2201	0	8861	0.0017	-0.0004	0.0009	5.29E+06	0.302	2585.960	4199	0	10531	0.0016	-0.0004	0.0008	5.94E+06	0.304	3298.650	6201	0	11621	0.0016	-0.0004	0.0008	5.32E+06	0.313
2641.280	1200	0	6573	0.0015	-0.0002	0.0011	4.34E+06	0.227	2525.270	2200	0	8861	0.0017	-0.0004	0.0010	5.32E+06	0.304	2586.960	4201	0	10604	0.0016	-0.0004	0.0008	5.90E+06	0.303	3299.650	6200	0	11657	0.0017	-0.0004	0.0008	5.32E+06	0.313
2642.280	1201	0	6609	0.0015	-0.0002	0.0011	4.31E+06	0.229	2526.270	2201	0	8861	0.0017	-0.0004	0.0010	5.38E+06	0.305	2587.960	4201	0	10676	0.0016	-0.0004	0.0008	5.91E+06	0.302	3300.650	6201	0	11657	0.0017	-0.0004	0.0008	5.28E+06	0.312
2643.280	1202	0	6645	0.0015	-0.0002	0.0011	4.26E+06	0.228	2527.270	2201	0	8933	0.0017	-0.0004	0.0010	5.29E+06	0.301	2588.960	4202	0	10604	0.0016	-0.0004	0.0008	5.87E+06	0.301	3301.650	6200	0	11621	0.0017	-0.0004	0.0008	5.28E+06	0.309
2644.280	1199	0	6609	0.0015	-0.0002	0.0011	4.21E+06	0.229	2528.270	2201	0	8897	0.0017	-0.0004	0.0010	5.25E+06	0.303	2589.960	4199	0	10676	0.0016	-0.0004	0.0008	5.87E+06	0.304	3302.650	6199	0	11693	0.0017	-0.0004	0.0008	5.30E+06	0.309
2645.280	1199	0	6682	0.0015	-0.0002	0.0011	4.19E+06	0.229	2529.270	2200	0	8969	0.0017	-0.0004	0.0009	5.21E+06	0.303	2590.960	4200	0	10604	0.0016	-0.0004	0.0008	5.88E+06	0.304	3303.650	6200	0	11693	0.0017	-0.0004	0.0008	5.31E+06	0.310
2646.280	1202	0	6682	0.0015	-0.0002	0.0011	4.20E+06	0.231	2530.270	2200	0	8969	0.0017	-0.0004	0.0010	5.17E+06	0.301	2591.960	4200	0	10676	0.0016	-0.0004	0.0008	5.93E+06	0.306	3304.650	6199	0	11802	0.0017	-0.0004	0.0008	5.24E+06	0.308
2647.280	1200	0	6645	0.0015	-0.0002	0.0011	4.14E+06	0.230	2531.270	2201	0	9006	0.0017	-0.0004	0.0010	5.19E+06	0.303	2592.960	4201	0	10785	0.0016	-0.0004	0.0008	5.92E+06	0.308	3305.650	6199	0	11766	0.0017	-0.0004	0.0008	5.23E+06	0.308
2648.280	1201	0	6682	0.0016	-0.0002	0.0011	4.12E+06	0.232	2532.270	2201	0	9006	0.0017	-0.0004	0.0010	5.23E+06	0.306	2593.960	4201	0	10785	0.0016	-0.0004	0.0008	5.90E+06	0.308	3306.650	6201	0	11802	0.0017	-0.0004	0.0008	5.20E+06	0.304
2649.270	1201	0	6791	0.0015	-0.0002	0.0011	4.14E+06	0.234	2533.270	2200	0	9042	0.0017	-0.0004	0.0010	5.30E+06	0.311	2594.960	4200	0	10785	0.0017	-0.0004	0.0009	5.92E+06	0.307	3307.650	6201	0	11766	0.0017	-0.0004	0.0008	5.19E+06	0.306
2650.270	1199	0	6791	0.0016	-0.0002	0.0011	4.09E+06	0.234	2534.270	2201	0	9042	0.0017	-0.0004	0.0010	5.23E+06	0.310	2595.960	4201	0	10785	0.0017	-0.0004	0.0008	5.97E+06	0.311	3308.650	6199	0	11802	0.0017	-0.0004	0.0008	5.18E+06	0.306
2651.270	1202	0	6827	0.0016	-0.0002	0.0011	4.10E+06	0.235	2535.270	2201	0	9078	0.0017	-0.0004	0.0010	5.28E+06	0.313	2596.960	4200	0	10858	0.0017	-0.0004	0.0008	6.08E+06	0.312	3309.640	6200	0	11766	0.0017	-0.0004	0.0008	5.18E+06	0.306
2652.270	1200	0	6827	0.0016	-0.0002	0.0011	4.11E+06	0.235	2536.270	2201	0	9115	0.0017	-0.0004	0.0010	5.27E+06	0.312	2597.960	4201	0	10858	0.0017	-0.0004	0.0009	6.02E+06	0.310	3310.640	6200	0	11875	0.0017	-0.0004	0.0008	5.22E+06	0.309
2653.270	1200	0	6827	0.0016	-0.0002	0.0011	4.10E+06	0.237	2537.270	2201	0	9151	0.0017	-0.0004	0.0010	5.30E+06	0.312	2598.960	4200	0	10930	0.0017	-0.0004	0.0009	6.08E+06	0.311	3311.640	6201	0	11838	0.0017	-0.0004	0.0008	5.25E+06	0.311
2654.270	1199	0	6754	0.0016	-0.0002	0.0011	4.17E+06	0.238	2538.270	2201	0	9224	0.0018	-0.0004	0.0010	5.34E+06	0.310	2599.960	4200	0	10930	0.0017	-0.0004	0.0009	6.02E+06	0.309	3312.640	6201	0	11875	0.0017	-0.0004	0.0008	5.33E+06	0.313
2655.270	1200	0	6863	0.0016	-0.0002	0.0011	4.18E+06	0.240	2539.270	2201	0	9187	0.0018	-0.0004	0.0010	5.29E+06	0.306	2600.960	4201	0	10894	0.0017	-0.0004	0.0008	6.12E+06	0.313	3313.640	6199	0	11947	0.0017	-0.0004	0.0008	5.35E+06	0.314
2656.270	1200	0	6863	0.0016	-0.0002	0.0011	4.19E+06	0.241	2540.270	2201	0	9224	0.0018	-0.0004	0.0010	5.26E+06	0.304	2601.960	4201	0	10894	0.0017	-0.0004	0.0009	6.12E+06	0.312	3314.640	6200	0	11984	0.0017	-0.0004	0.0008	5.34E+06	0.315
2657.270	1200	0	6863	0.0016	-0.0002	0.0011	4.14E+06	0.243	2541.260	2201	0	9260	0.0018	-0.0004	0.0010	5.22E+06	0.302	2602.960	4201	0	10930	0.0017	-0.0004	0.0009	6.11E+06	0.315	3315.640	6199	0	11984	0.0017	-0.0004	0.0008	5.40E+06	0.317
2658.270	1200	0	6936	0.0016	-0.0002	0.0011	4.13E+06	0.243	2542.260	2201	0	9260	0.0018	-0.0004	0.0010	5.20E+06	0.303	2603.960	4202	0	11003	0.0017	-0.0004	0.0009	6.08E+06	0.313	3316.640	6201	0	12056	0.0017	-0.0004	0.0008	5.40E+06	0.317
2659.270	1199	0	6900	0.0016	-0.0002	0.0011	4.13E+06	0.244	2543.260	2201	0	9260	0.0018	-0.0004	0.0010	5.17E+06	0.302	2604.960	4200	0	11039	0.0017	-0.0004	0.0009	6.05E+06	0.314	3317.640	6199	0	12056	0.0017	-0.0005	0.0008	5.34E+06	0.317
2660.270	1200	0	6900	0.0016	-0.0002	0.0011	4.16E+06	0.246	2544.260	2202	0	9260	0.0018	-0.0004	0.0010	5.17E+06	0.304	2605.960	4198	0	11039	0.0017	-0.0004	0.0009	6.14E+06	0.316	3318.640	6201	0	12056	0.0017	-0.0005	0.0008	5.44E+06	0.320
2661.270	1200	0	7009	0.0016	-0.0002	0.0011	4.18E+06	0.249	2545.260	2201	0	9333	0.0018	-0.0004	0.0010	5.16E+06	0.305	2606.960	4199	0	11148	0.0017	-0.0004	0.0009	6.15E+06	0.317	3319.640	6200	0	12056	0.0017	-0.0005	0.0008	5.48E+06	0.321
2662.270	1200	0	7009	0.0016	-0.0002	0.0011	4.18E+06	0.252	2546.260	2201	0	9405	0.0018	-0.0004	0.0010	5.15E+06	0.304	2607.960	4203	0	11112	0.0017	-0.0004	0.0009	6.14E+06	0.320	3320.640	6200	0	12129	0.0018	-0.0005	0.0008	5.58E+06	0.326
2663.270	1202	0	7009	0.0016	-0.0002	0.0011	4.17E+06	0.251	2547.260	2199	0	9333	0.0018	-0.0004	0.0010	5.11E+06	0.303	2608.950	4201	0	11221	0.0017	-0.0004	0.0009	6.12E+06	0.320	3321.640	6199	0	12202	0.0017	-0.0005	0.0008	5.58E+06	0.326
2664.270	1200	0	7045	0.0016	-0.0002	0.0011	4.12E+06	0.252	2548.260	2200	0	9333	0.0018	-0.0004	0.0010	5.13E+06	0.305	2609.950	4201	0	11257	0.0017	-0.0004	0.0009	6.07E+06	0.317	3322.640	6201	0	12165	0.0017	-0.0005	0.0008	5.54E+06	0.327
2665.270	1200	0	7009	0.0016	-0.0002	0.0011	4.15E+06	0.251	2549.260	2200	0	9405	0.0018	-0.0004	0.0010	5.13E+06	0.305	2610.950	4201	0	11148	0.0017	-0.0004	0.0009	6.00E+06	0.315	3323.640	6199	0	12202	0.0018	-0.0005	0.0008	5.52E+06	0.327
2666.270	1201	0	7009	0.0016	-0.0002	0.0011	4.19E+06	0.251	2550.260	2201	0	9442	0.0018	-0.0004	0.0010	5.20E+06	0.308	2611.950	4201	0	11185	0.0017	-0.0004	0.0009	5										

2710.260	1199	0	7880	0.0018	-0.0003	0.0012	4.11E+06	0.285	2594.250	2201	0	10422	0.0020	-0.0005	0.0011	4.99E+06	0.332	2655.940	4200	0	12274	0.0019	-0.0005	0.0009	5.68E+06	0.330	3368.630	6201	0	13255	0.0019	-0.0005	0.0009	5.29E+06	0.335
2711.250	1201	0	7844	0.0018	-0.0003	0.0012	4.16E+06	0.288	2595.250	2201	0	10495	0.0020	-0.0005	0.0011	5.07E+06	0.333	2656.940	4201	0	12383	0.0019	-0.0005	0.0009	5.69E+06	0.329	3369.630	6200	0	13255	0.0019	-0.0005	0.0009	5.35E+06	0.338
2712.250	1200	0	7880	0.0018	-0.0003	0.0012	4.23E+06	0.293	2596.250	2201	0	10422	0.0020	-0.0005	0.0011	5.06E+06	0.334	2657.940	4203	0	12347	0.0019	-0.0005	0.0009	5.71E+06	0.333	3370.630	6200	0	13291	0.0019	-0.0005	0.0009	5.31E+06	0.337
2713.250	1201	0	7916	0.0018	-0.0003	0.0012	4.23E+06	0.295	2597.250	2199	0	10495	0.0020	-0.0005	0.0011	5.05E+06	0.335	2658.940	4198	0	12419	0.0019	-0.0005	0.0009	5.76E+06	0.336	3371.630	6201	0	13363	0.0020	-0.0005	0.0009	5.43E+06	0.345
2714.250	1200	0	7989	0.0018	-0.0003	0.0012	4.22E+06	0.295	2598.250	2201	0	10531	0.0020	-0.0005	0.0011	5.01E+06	0.333	2659.940	4198	0	12383	0.0019	-0.0005	0.0009	5.75E+06	0.337	3372.620	6201	0	13291	0.0020	-0.0005	0.0009	5.42E+06	0.343
2715.250	1201	0	8025	0.0018	-0.0003	0.0012	4.16E+06	0.297	2599.250	2200	0	10567	0.0020	-0.0005	0.0011	5.04E+06	0.335	2660.940	4199	0	12492	0.0019	-0.0005	0.0009	5.68E+06	0.335	3373.620	6201	0	13400	0.0020	-0.0005	0.0009	5.46E+06	0.344
2716.250	1200	0	8025	0.0019	-0.0003	0.0012	4.13E+06	0.298	2600.250	2201	0	10604	0.0020	-0.0005	0.0011	5.03E+06	0.335	2661.940	4200	0	12456	0.0019	-0.0005	0.0009	5.66E+06	0.335	3374.620	6201	0	13363	0.0020	-0.0005	0.0009	5.43E+06	0.343
2717.250	1198	0	8025	0.0019	-0.0003	0.0012	4.15E+06	0.299	2601.250	2201	0	10567	0.0020	-0.0005	0.0011	5.06E+06	0.338	2662.940	4200	0	12492	0.0019	-0.0005	0.0009	5.73E+06	0.337	3375.620	6200	0	13436	0.0020	-0.0005	0.0009	5.42E+06	0.342
2718.250	1200	0	8025	0.0018	-0.0003	0.0012	4.12E+06	0.298	2602.250	2200	0	10676	0.0020	-0.0005	0.0011	5.03E+06	0.338	2663.940	4201	0	12492	0.0019	-0.0005	0.0009	5.78E+06	0.340	3376.620	6201	0	13509	0.0020	-0.0005	0.0009	5.46E+06	0.346
2719.250	1199	0	7989	0.0018	-0.0003	0.0012	4.14E+06	0.301	2603.250	2201	0	10604	0.0020	-0.0005	0.0011	5.06E+06	0.338	2664.940	4199	0	12565	0.0019	-0.0005	0.0009	5.72E+06	0.338	3377.620	6200	0	13363	0.0020	-0.0005	0.0009	5.49E+06	0.348
2720.250	1200	0	8098	0.0019	-0.0003	0.0012	4.11E+06	0.304	2604.240	2200	0	10640	0.0020	-0.0005	0.0011	5.01E+06	0.337	2665.940	4201	0	12565	0.0020	-0.0005	0.0009	5.67E+06	0.334	3378.620	6200	0	13472	0.0020	-0.0005	0.0009	5.46E+06	0.345
2721.250	1200	0	8098	0.0019	-0.0003	0.0012	4.13E+06	0.307	2605.240	2201	0	10676	0.0021	-0.0005	0.0011	5.02E+06	0.337	2666.940	4201	0	12565	0.0020	-0.0005	0.0009	5.69E+06	0.339	3379.620	6200	0	13436	0.0020	-0.0005	0.0009	5.46E+06	0.345
2722.250	1202	0	8171	0.0019	-0.0003	0.0012	4.15E+06	0.308	2606.240	2201	0	10676	0.0020	-0.0005	0.0011	4.95E+06	0.335	2667.940	4202	0	12601	0.0020	-0.0005	0.0009	5.75E+06	0.338	3380.620	6201	0	13509	0.0020	-0.0005	0.0009	5.42E+06	0.344
2723.250	1201	0	8171	0.0019	-0.0003	0.0012	4.18E+06	0.314	2607.240	2201	0	10676	0.0020	-0.0005	0.0011	4.92E+06	0.334	2668.940	4200	0	12674	0.0020	-0.0005	0.0009	5.65E+06	0.336	3381.620	6200	0	13545	0.0020	-0.0005	0.0009	5.40E+06	0.343
2724.250	1200	0	8134	0.0019	-0.0003	0.0012	4.16E+06	0.315	2608.240	2201	0	10676	0.0021	-0.0005	0.0011	4.89E+06	0.335	2669.940	4200	0	12601	0.0020	-0.0005	0.0009	5.64E+06	0.335	3382.620	6200	0	13581	0.0020	-0.0005	0.0009	5.38E+06	0.343
2725.250	1200	0	8171	0.0019	-0.0003	0.0012	4.12E+06	0.318	2609.240	2202	0	10713	0.0021	-0.0005	0.0011	4.89E+06	0.335	2670.940	4202	0	12710	0.0020	-0.0005	0.0010	5.59E+06	0.334	3383.620	6199	0	13654	0.0020	-0.0005	0.0009	5.31E+06	0.344
2726.250	1199	0	8171	0.0019	-0.0003	0.0013	4.04E+06	0.316	2610.240	2202	0	10749	0.0021	-0.0005	0.0011	4.93E+06	0.338	2671.930	4198	0	12674	0.0020	-0.0005	0.0010	5.56E+06	0.332	3384.620	6199	0	13618	0.0020	-0.0006	0.0009	5.31E+06	0.344
2727.250	1199	0	8207	0.0019	-0.0003	0.0012	4.06E+06	0.318	2611.240	2201	0	10785	0.0021	-0.0005	0.0011	4.91E+06	0.340	2672.930	4200	0	12710	0.0020	-0.0005	0.0010	5.47E+06	0.330	3385.620	6200	0	13618	0.0020	-0.0006	0.0009	5.34E+06	0.344
2728.250	1200	0	8280	0.0019	-0.0003	0.0013	4.08E+06	0.318	2612.240	2202	0	10822	0.0021	-0.0005	0.0011	4.92E+06	0.340	2673.930	4201	0	12710	0.0020	-0.0005	0.0010	5.48E+06	0.329	3386.620	6200	0	13654	0.0020	-0.0005	0.0009	5.32E+06	0.343
2729.250	1199	0	8280	0.0019	-0.0003	0.0012	4.18E+06	0.324	2613.240	2200	0	10822	0.0021	-0.0005	0.0011	4.99E+06	0.341	2674.930	4201	0	12746	0.0020	-0.0005	0.0010	5.44E+06	0.327	3387.620	6201	0	13690	0.0020	-0.0006	0.0009	5.28E+06	0.340
2730.250	1201	0	8280	0.0019	-0.0003	0.0013	4.19E+06	0.327	2614.240	2201	0	10822	0.0021	-0.0005	0.0011	4.97E+06	0.345	2675.930	4202	0	12819	0.0020	-0.0005	0.0010	5.40E+06	0.325	3388.620	6200	0	13727	0.0020	-0.0006	0.0009	5.24E+06	0.340
2731.250	1200	0	8280	0.0019	-0.0003	0.0012	4.19E+06	0.330	2615.240	2201	0	10858	0.0021	-0.0005	0.0011	4.97E+06	0.348	2676.930	4199	0	12819	0.0020	-0.0005	0.0010	5.38E+06	0.325	3389.620	6201	0	13763	0.0021	-0.0006	0.0009	5.28E+06	0.342
2732.250	1202	0	8352	0.0019	-0.0003	0.0012	4.16E+06	0.331	2616.240	2201	0	10967	0.0021	-0.0005	0.0011	5.02E+06	0.350	2677.930	4200	0	12855	0.0020	-0.0005	0.0010	5.41E+06	0.326	3390.620	6200	0	13727	0.0021	-0.0006	0.0009	5.33E+06	0.341
2733.250	1201	0	8316	0.0019	-0.0003	0.0013	4.27E+06	0.338	2617.240	2201	0	10967	0.0021	-0.0005	0.0011	5.04E+06	0.354	2678.930	4200	0	12855	0.0020	-0.0005	0.0010	5.39E+06	0.325	3391.620	6201	0	13799	0.0021	-0.0006	0.0009	5.33E+06	0.344
2734.250	1199	0	8425	0.0019	-0.0003	0.0013	4.26E+06	0.338	2618.240	2201	0	10930	0.0021	-0.0005	0.0011	4.99E+06	0.355	2679.930	4201	0	12928	0.0020	-0.0005	0.0010	5.38E+06	0.326	3392.620	6199	0	13799	0.0020	-0.0006	0.0009	5.29E+06	0.344
2735.250	1200	0	8388	0.0019	-0.0003	0.0013	4.22E+06	0.340	2619.240	2201	0	10930	0.0021	-0.0005	0.0011	5.02E+06	0.356	2680.930	4201	0	12928	0.0020	-0.0005	0.0010	5.37E+06	0.327	3393.620	6201	0	13872	0.0020	-0.0006	0.0009	5.28E+06	0.342
2736.250	1198	0	8388	0.0019	-0.0003	0.0012	4.21E+06	0.345	2620.240	2201	0	11039	0.0021	-0.0005	0.0011	4.95E+06	0.354	2681.930	4201	0	12964	0.0020	-0.0005	0.0010	5.43E+06	0.330	3394.620	6200	0	13908	0.0020	-0.0006	0.0009	5.31E+06	0.343
2737.250	1202	0	8425	0.0019	-0.0003	0.0012	4.17E+06	0.344	2621.240	2201	0	11003	0.0021	-0.0005	0.0011	4.99E+06	0.358	2682.930	4201	0	12964	0.0020	-0.0005	0.0010	5.44E+06	0.332	3395.620	6199	0	13872	0.0021	-0.0006	0.0009	5.24E+06	0.345
2738.250	1199	0	8425	0.0019	-0.0003	0.0013	4.18E+06	0.348	2622.240	2201	0	11003	0.0021	-0.0005	0.0011	4.94E+06	0.359	2683.930	4200	0	13037	0.0020	-0.0005	0.0010	5.48E+06	0.335	3396.620	6199	0	13908	0.0021	-0.0006	0.0009	5.28E+06	0.348
2739.250	1201	0	8425	0.0019	-0.0003	0.0013	4.13E+06	0.350	2623.240	2201	0	11076	0.0021	-0.0005	0.0011	4.97E+06	0.361	2684.930	4200	0	13000	0.0020	-0.0005	0.0010	5.54E+06	0.335	3397.620	6199	0	13944	0.0021	-0.0006	0.0009	5.25E+06	0.345
2740.250	1200	0	8461	0.0019	-0.0003	0.0013	4.14E+06	0.351	2624.240	2201	0	11148	0.0021	-0.0005	0.0011	4.99E+06	0.362	2685.930	4200	0	13000	0.0020	-0.0005	0.0010	5.59E+06	0.336	3398.620	6201	0	13981	0.0021	-0.0006	0.0009	5.26E+06	0.347
2741.250	1199	0	8425	0.0019	-0.0003	0.0013	4.17E+06	0.351	2625.240	2200	0	11112	0.0021	-0.0005	0.0011	5.00E+06	0.364	2686.930	4203	0	13073	0.0020	-0.0005	0.0010	5.54E+06	0.335	3399.620	6200	0	13981	0.0021	-0.0006	0.0009	5.27E+06	0.348
2742.240	1201	0	8497	0.0020	-0.0003	0.0013	4.13E+06	0.350	2626.240	2201	0	11148	0.0021	-0.0005	0.0011	5.06E+06	0.368	2687.930	4201	0	13145	0													

2786.230	1201	0	9260	0.0022	-0.0004	0.0013	3.92E+06	0.464	2670.220	2200	0	12056	0.0023	-0.0006	0.0011	4.05E+06	0.407	2731.920	4200	0	14090	0.0022	-0.0006	0.0010	5.08E+06	0.357	3444.600	6199	0	14961	0.0023	-0.0006	0.0010	5.24E+06	0.351
2787.230	1201	0	9296	0.0022	-0.0004	0.0013	3.92E+06	0.468	2671.220	2201	0	12056	0.0023	-0.0006	0.0012	4.05E+06	0.406	2732.920	4202	0	14199	0.0022	-0.0006	0.0010	5.14E+06	0.359	3445.600	6199	0	15034	0.0023	-0.0006	0.0010	5.26E+06	0.352
2788.230	1200	0	9260	0.0022	-0.0004	0.0013	3.97E+06	0.472	2672.220	2201	0	12093	0.0023	-0.0006	0.0012	4.07E+06	0.411	2733.910	4200	0	14162	0.0023	-0.0006	0.0010	5.08E+06	0.357	3446.600	6200	0	15034	0.0023	-0.0006	0.0010	5.25E+06	0.353
2789.230	1200	0	9260	0.0022	-0.0004	0.0013	3.97E+06	0.473	2673.220	2201	0	12129	0.0023	-0.0006	0.0011	4.06E+06	0.414	2734.910	4199	0	14308	0.0022	-0.0006	0.0010	5.15E+06	0.362	3447.600	6200	0	15107	0.0023	-0.0006	0.0010	5.32E+06	0.355
2790.230	1200	0	9296	0.0022	-0.0004	0.0013	3.92E+06	0.471	2674.220	2200	0	12056	0.0023	-0.0006	0.0011	4.06E+06	0.417	2735.910	4199	0	14235	0.0023	-0.0006	0.0010	5.17E+06	0.362	3448.600	6201	0	15107	0.0023	-0.0006	0.0010	5.25E+06	0.352
2791.230	1200	0	9296	0.0022	-0.0004	0.0013	3.97E+06	0.475	2675.220	2202	0	12129	0.0023	-0.0006	0.0011	4.10E+06	0.420	2736.910	4200	0	14271	0.0022	-0.0006	0.0010	5.13E+06	0.361	3449.600	6199	0	15179	0.0023	-0.0006	0.0010	5.27E+06	0.354
2792.230	1202	0	9333	0.0022	-0.0004	0.0013	3.99E+06	0.476	2676.220	2201	0	12129	0.0023	-0.0006	0.0011	4.10E+06	0.424	2737.910	4200	0	14235	0.0023	-0.0006	0.0010	5.09E+06	0.360	3450.600	6200	0	15143	0.0023	-0.0007	0.0010	5.31E+06	0.355
2793.230	1200	0	9405	0.0022	-0.0004	0.0013	3.98E+06	0.480	2677.220	2200	0	12129	0.0024	-0.0006	0.0012	4.13E+06	0.430	2738.910	4201	0	14308	0.0023	-0.0006	0.0010	5.11E+06	0.364	3451.600	6200	0	15143	0.0023	-0.0007	0.0010	5.36E+06	0.356
2794.230	1202	0	9405	0.0022	-0.0004	0.0013	4.02E+06	0.489	2678.220	2200	0	12129	0.0024	-0.0006	0.0012	4.12E+06	0.432	2739.910	4200	0	14380	0.0023	-0.0006	0.0010	5.18E+06	0.368	3452.600	6200	0	15215	0.0023	-0.0007	0.0010	5.28E+06	0.355
2795.230	1199	0	9405	0.0022	-0.0004	0.0013	3.98E+06	0.488	2679.220	2200	0	12165	0.0024	-0.0006	0.0011	4.16E+06	0.437	2740.910	4199	0	14380	0.0023	-0.0006	0.0011	5.19E+06	0.368	3453.600	6202	0	15252	0.0023	-0.0007	0.0010	5.35E+06	0.358
2796.230	1200	0	9442	0.0022	-0.0004	0.0013	3.96E+06	0.487	2680.220	2201	0	12238	0.0023	-0.0006	0.0011	4.13E+06	0.436	2741.910	4200	0	14380	0.0023	-0.0006	0.0010	5.18E+06	0.368	3454.600	6200	0	15324	0.0023	-0.0007	0.0010	5.27E+06	0.357
2797.230	1201	0	9405	0.0022	-0.0004	0.0013	3.92E+06	0.486	2681.220	2201	0	12201	0.0024	-0.0006	0.0012	4.17E+06	0.444	2742.910	4198	0	14380	0.0023	-0.0006	0.0010	5.15E+06	0.364	3455.600	6199	0	15324	0.0023	-0.0007	0.0010	5.28E+06	0.358
2798.230	1202	0	9478	0.0022	-0.0004	0.0013	3.90E+06	0.490	2682.220	2201	0	12238	0.0024	-0.0006	0.0012	4.17E+06	0.447	2743.910	4200	0	14416	0.0023	-0.0006	0.0010	5.16E+06	0.366	3456.600	6199	0	15288	0.0023	-0.0007	0.0010	5.35E+06	0.358
2799.230	1202	0	9478	0.0022	-0.0005	0.0013	3.87E+06	0.491	2683.220	2201	0	12238	0.0024	-0.0006	0.0012	4.16E+06	0.451	2744.910	4202	0	14453	0.0023	-0.0006	0.0010	5.21E+06	0.368	3457.600	6199	0	15324	0.0023	-0.0007	0.0010	5.32E+06	0.355
2800.230	1199	0	9514	0.0022	-0.0005	0.0013	3.83E+06	0.488	2684.220	2201	0	12310	0.0024	-0.0006	0.0012	4.17E+06	0.453	2745.910	4201	0	14453	0.0023	-0.0006	0.0011	5.20E+06	0.367	3458.600	6201	0	15361	0.0023	-0.0007	0.0010	5.27E+06	0.355
2801.230	1199	0	9478	0.0022	-0.0005	0.0013	3.94E+06	0.494	2685.220	2201	0	12274	0.0024	-0.0006	0.0011	4.18E+06	0.454	2746.910	4200	0	14525	0.0023	-0.0006	0.0011	5.22E+06	0.370	3459.600	6199	0	15361	0.0023	-0.0007	0.0010	5.29E+06	0.357
2802.230	1202	0	9478	0.0022	-0.0005	0.0013	3.95E+06	0.498	2686.220	2201	0	12310	0.0024	-0.0006	0.0012	4.16E+06	0.455	2747.910	4201	0	14453	0.0023	-0.0006	0.0011	5.25E+06	0.372	3460.600	6201	0	15433	0.0023	-0.0007	0.0010	5.25E+06	0.357
2803.230	1199	0	9587	0.0022	-0.0005	0.0013	3.87E+06	0.497	2687.220	2201	0	12383	0.0024	-0.0006	0.0012	4.20E+06	0.462	2748.910	4200	0	14525	0.0023	-0.0006	0.0010	5.23E+06	0.372	3461.600	6200	0	15433	0.0024	-0.0007	0.0010	5.21E+06	0.357
2804.230	1201	0	9587	0.0022	-0.0005	0.0013	3.86E+06	0.496	2688.220	2201	0	12347	0.0024	-0.0006	0.0011	4.18E+06	0.463	2749.910	4200	0	14562	0.0023	-0.0006	0.0011	5.17E+06	0.369	3462.600	6201	0	15433	0.0023	-0.0007	0.0010	5.26E+06	0.358
2805.220	1200	0	9623	0.0022	-0.0005	0.0013	3.83E+06	0.499	2689.220	2200	0	12419	0.0024	-0.0006	0.0012	4.12E+06	0.464	2750.910	4200	0	14562	0.0023	-0.0006	0.0011	5.14E+06	0.371	3463.600	6201	0	15506	0.0023	-0.0007	0.0010	5.22E+06	0.357
2806.220	1200	0	9623	0.0022	-0.0005	0.0013	3.80E+06	0.499	2690.220	2201	0	12383	0.0024	-0.0006	0.0012	4.21E+06	0.473	2751.910	4200	0	14634	0.0023	-0.0006	0.0010	5.12E+06	0.372	3464.600	6201	0	15506	0.0023	-0.0007	0.0010	5.18E+06	0.358
2807.220	1200	0	9659	0.0022	-0.0005	0.0013	3.84E+06	0.503	2691.220	2201	0	12419	0.0024	-0.0006	0.0012	4.25E+06	0.475	2752.910	4199	0	14634	0.0023	-0.0006	0.0011	5.04E+06	0.372	3465.590	6200	0	15470	0.0024	-0.0007	0.0010	5.24E+06	0.363
2808.220	1199	0	9623	0.0022	-0.0005	0.0013	3.79E+06	0.504	2692.220	2201	0	12383	0.0024	-0.0006	0.0012	4.24E+06	0.474	2753.910	4200	0	14671	0.0023	-0.0006	0.0011	5.05E+06	0.374	3466.590	6203	0	15542	0.0024	-0.0007	0.0010	5.28E+06	0.366
2809.220	1201	0	9659	0.0022	-0.0005	0.0013	3.77E+06	0.504	2693.220	2201	0	12383	0.0024	-0.0006	0.0012	4.27E+06	0.480	2754.910	4200	0	14743	0.0023	-0.0006	0.0011	5.07E+06	0.377	3467.590	6199	0	15579	0.0024	-0.0007	0.0010	5.29E+06	0.370
2810.220	1199	0	9696	0.0022	-0.0005	0.0013	3.75E+06	0.505	2694.220	2200	0	12419	0.0024	-0.0006	0.0012	4.26E+06	0.481	2755.910	4200	0	14707	0.0023	-0.0006	0.0011	5.07E+06	0.375	3468.590	6199	0	15579	0.0024	-0.0007	0.0010	5.35E+06	0.375
2811.220	1200	0	9696	0.0023	-0.0005	0.0013	3.76E+06	0.509	2695.220	2202	0	12419	0.0024	-0.0006	0.0012	4.20E+06	0.481	2756.910	4199	0	14671	0.0023	-0.0006	0.0011	5.09E+06	0.375	3469.590	6199	0	15688	0.0024	-0.0007	0.0010	5.33E+06	0.376
2812.220	1199	0	9696	0.0023	-0.0005	0.0013	3.76E+06	0.509	2696.220	2201	0	12565	0.0024	-0.0006	0.0012	4.23E+06	0.481	2757.910	4201	0	14743	0.0023	-0.0006	0.0011	5.06E+06	0.376	3470.590	6199	0	15688	0.0024	-0.0007	0.0010	5.27E+06	0.377
2813.220	1201	0	9732	0.0023	-0.0005	0.0013	3.78E+06	0.508	2697.210	2200	0	12565	0.0024	-0.0006	0.0011	4.18E+06	0.481	2758.910	4201	0	14780	0.0024	-0.0006	0.0011	5.00E+06	0.372	3471.590	6201	0	15688	0.0024	-0.0007	0.0010	5.30E+06	0.377
2814.220	1200	0	9732	0.0023	-0.0005	0.0013	3.76E+06	0.509	2698.210	2200	0	12528	0.0024	-0.0006	0.0012	4.13E+06	0.479	2759.910	4200	0	14780	0.0024	-0.0006	0.0011	4.96E+06	0.371	3472.590	6200	0	15760	0.0024	-0.0007	0.0010	5.21E+06	0.375
2815.220	1201	0	9768	0.0023	-0.0005	0.0013	3.70E+06	0.512	2699.210	2201	0	12528	0.0024	-0.0006	0.0012	4.17E+06	0.481	2760.910	4200	0	14743	0.0024	-0.0006	0.0011	5.04E+06	0.375	3473.590	6201	0	15688	0.0024	-0.0007	0.0010	5.20E+06	0.377
2816.220	1203	0	9805	0.0023	-0.0005	0.0013	3.67E+06	0.513	2700.210	2202	0	12601	0.0024	-0.0006	0.0011	4.14E+06	0.483	2761.910	4202	0	14780	0.0024	-0.0007	0.0011	4.99E+06	0.376	3474.590	6199	0	15688	0.0024	-0.0007	0.0010	5.21E+06	0.378
2817.220	1200	0	9805	0.0023	-0.0005	0.0013	3.64E+06	0.516	2701.210	2201	0	12637	0.0025	-0.0006	0.0012	4.13E+06	0.485	2762.910	4200	0	14852	0.0024	-0.0007	0.0011	4.97E+06	0.378	3475.590	6202	0	15797	0.0024	-0.0007	0.0010	5.25E+06	0.379
2818.220	1199	0	9805	0.0023	-0.0005	0.0013	3.62E+06	0.521	2702.210	2201	0	12601	0.0025	-0.0007	0.0012	4.18E+06	0.490	2763.910	4200	0	14780	0													

2746.200	2201	0	13363	0.0027	-0.0008	0.0012	3.73E+06	0.526	2807.890	4200	0	15760	0.0026	-0.0007	0.0011	4.56E+06	0.404	3520.580	6200	0	16850	0.0026	-0.0008	0.0010	4.92E+06	0.384
2747.200	2201	0	13400	0.0027	-0.0008	0.0011	3.75E+06	0.522	2808.890	4200	0	15796	0.0026	-0.0007	0.0011	4.60E+06	0.408	3521.580	6202	0	16850	0.0026	-0.0008	0.0011	4.85E+06	0.383
2748.200	2201	0	13436	0.0027	-0.0008	0.0011	3.71E+06	0.521	2809.890	4200	0	15796	0.0026	-0.0007	0.0011	4.59E+06	0.409	3522.580	6199	0	16850	0.0026	-0.0008	0.0010	4.89E+06	0.383
2749.200	2201	0	13472	0.0027	-0.0008	0.0012	3.66E+06	0.517	2810.890	4201	0	15796	0.0026	-0.0007	0.0011	4.66E+06	0.415	3523.580	6201	0	16922	0.0026	-0.0008	0.0011	4.84E+06	0.383
2750.200	2201	0	13509	0.0027	-0.0008	0.0011	3.68E+06	0.518	2811.890	4203	0	15869	0.0026	-0.0007	0.0011	4.69E+06	0.419	3524.580	6200	0	16922	0.0026	-0.0008	0.0011	4.81E+06	0.382
2751.200	2200	0	13472	0.0027	-0.0008	0.0012	3.67E+06	0.514	2812.890	4200	0	15869	0.0026	-0.0007	0.0011	4.66E+06	0.422	3525.580	6200	0	17031	0.0026	-0.0008	0.0011	4.79E+06	0.382
2752.200	2201	0	13472	0.0027	-0.0008	0.0012	3.66E+06	0.514	2813.890	4200	0	15942	0.0026	-0.0007	0.0011	4.69E+06	0.424	3526.580	6199	0	16995	0.0026	-0.0008	0.0011	4.72E+06	0.381
2753.200	2201	0	13545	0.0027	-0.0008	0.0011	3.76E+06	0.518	2814.890	4200	0	15869	0.0026	-0.0007	0.0011	4.69E+06	0.429	3527.580	6202	0	17031	0.0026	-0.0008	0.0011	4.74E+06	0.381
2754.200	2201	0	13545	0.0027	-0.0008	0.0011	3.70E+06	0.512	2815.890	4199	0	15942	0.0026	-0.0007	0.0011	4.70E+06	0.431	3528.570	6199	0	17031	0.0026	-0.0008	0.0011	4.77E+06	0.383
2755.200	2201	0	13581	0.0027	-0.0008	0.0012	3.65E+06	0.507	2816.890	4199	0	15978	0.0026	-0.0007	0.0011	4.70E+06	0.432	3529.570	6199	0	17068	0.0026	-0.0008	0.0011	4.76E+06	0.384
2756.200	2201	0	13545	0.0027	-0.0008	0.0012	3.73E+06	0.518	2817.890	4202	0	16014	0.0026	-0.0007	0.0011	4.78E+06	0.437	3530.570	6201	0	17068	0.0026	-0.0008	0.0011	4.79E+06	0.387
2757.200	2200	0	13545	0.0027	-0.0008	0.0011	3.70E+06	0.507	2818.890	4200	0	16014	0.0026	-0.0008	0.0011	4.83E+06	0.440	3531.570	6201	0	17104	0.0026	-0.0008	0.0011	4.78E+06	0.388
2758.200	2202	0	13581	0.0027	-0.0008	0.0011	3.61E+06	0.503	2819.890	4198	0	16014	0.0026	-0.0008	0.0011	4.89E+06	0.445	3532.570	6199	0	17104	0.0027	-0.0008	0.0011	4.70E+06	0.386
2758.440	2201	0	13581	0.0027	-0.0008	0.0011	3.51E+06	0.498	2820.890	4200	0	16087	0.0026	-0.0008	0.0011	4.90E+06	0.449	3533.570	6200	0	17140	0.0027	-0.0008	0.0011	4.74E+06	0.389
									2821.890	4201	0	16051	0.0026	-0.0008	0.0011	4.89E+06	0.450	3534.570	6199	0	17140	0.0026	-0.0008	0.0011	4.77E+06	0.390
									2822.890	4200	0	16051	0.0026	-0.0008	0.0011	4.88E+06	0.451	3535.570	6201	0	17176	0.0027	-0.0008	0.0011	4.76E+06	0.391
									2823.890	4201	0	16123	0.0026	-0.0008	0.0011	4.94E+06	0.453	3536.570	6201	0	17213	0.0027	-0.0008	0.0011	4.77E+06	0.392
									2824.890	4199	0	16123	0.0026	-0.0008	0.0011	4.95E+06	0.457	3537.570	6201	0	17249	0.0027	-0.0008	0.0011	4.77E+06	0.389
									2825.890	4200	0	16160	0.0027	-0.0008	0.0011	4.94E+06	0.459	3538.570	6202	0	17176	0.0027	-0.0008	0.0011	4.75E+06	0.389
									2826.890	4199	0	16123	0.0027	-0.0008	0.0011	4.97E+06	0.461	3539.570	6200	0	17249	0.0027	-0.0008	0.0011	4.82E+06	0.390
									2827.880	4200	0	16160	0.0027	-0.0008	0.0011	4.91E+06	0.458	3540.570	6200	0	17249	0.0027	-0.0008	0.0011	4.80E+06	0.387
									2828.880	4200	0	16196	0.0027	-0.0008	0.0011	5.00E+06	0.465	3541.570	6201	0	17285	0.0027	-0.0008	0.0011	4.75E+06	0.385
									2829.880	4201	0	16269	0.0027	-0.0008	0.0011	5.04E+06	0.468	3542.570	6200	0	17322	0.0027	-0.0008	0.0011	4.77E+06	0.387
									2830.880	4201	0	16269	0.0027	-0.0008	0.0011	5.00E+06	0.471	3543.570	6199	0	17322	0.0027	-0.0008	0.0011	4.77E+06	0.386
									2831.880	4202	0	16305	0.0027	-0.0008	0.0011	5.01E+06	0.475	3544.570	6199	0	17285	0.0027	-0.0008	0.0011	4.68E+06	0.380
									2832.880	4200	0	16305	0.0027	-0.0008	0.0011	5.02E+06	0.475	3545.570	6200	0	17358	0.0027	-0.0008	0.0011	4.75E+06	0.385
									2833.880	4200	0	16305	0.0027	-0.0008	0.0011	5.03E+06	0.481	3546.570	6199	0	17322	0.0027	-0.0008	0.0011	4.80E+06	0.387
									2834.880	4203	0	16341	0.0027	-0.0008	0.0011	4.98E+06	0.482	3547.570	6203	0	17431	0.0027	-0.0008	0.0011	4.74E+06	0.385
									2835.880	4201	0	16377	0.0027	-0.0008	0.0011	4.99E+06	0.483	3548.570	6199	0	17431	0.0027	-0.0008	0.0011	4.80E+06	0.392
									2836.880	4202	0	16341	0.0027	-0.0008	0.0011	4.86E+06	0.480	3549.570	6199	0	17431	0.0027	-0.0008	0.0011	4.79E+06	0.396
									2837.880	4202	0	16341	0.0027	-0.0008	0.0011	4.85E+06	0.483	3550.570	6199	0	17431	0.0027	-0.0008	0.0011	4.76E+06	0.398
									2838.880	4199	0	16450	0.0027	-0.0008	0.0011	4.83E+06	0.481	3551.570	6199	0	17431	0.0027	-0.0008	0.0011	4.84E+06	0.402
									2839.880	4201	0	16414	0.0027	-0.0008	0.0011	4.81E+06	0.483	3552.570	6201	0	17503	0.0027	-0.0008	0.0011	4.86E+06	0.401
									2840.880	4202	0	16450	0.0027	-0.0008	0.0011	4.77E+06	0.482	3553.570	6199	0	17576	0.0027	-0.0008	0.0011	4.84E+06	0.399
									2841.880	4201	0	16450	0.0027	-0.0008	0.0011	4.73E+06	0.481	3554.570	6202	0	17540	0.0027	-0.0008	0.0011	4.93E+06	0.403
									2842.880	4200	0	16523	0.0027	-0.0008	0.0011	4.67E+06	0.476	3555.570	6200	0	17649	0.0027	-0.0008	0.0011	4.99E+06	0.405
									2843.880	4200	0	16559	0.0027	-0.0008	0.0011	4.68E+06	0.474	3556.570	6201	0	17612	0.0027	-0.0008	0.0011	4.96E+06	0.403
									2844.880	4201	0	16559	0.0027	-0.0008	0.0011	4.67E+06	0.474	3557.570	6200	0	17576	0.0028	-0.0008	0.0011	5.00E+06	0.403
									2845.880	4200	0	16559	0.0027	-0.0008	0.0011	4.61E+06	0.469	3558.570	6200	0	17612	0.0028	-0.0008	0.0011	4.96E+06	0.399
									2846.880	4201	0	16595	0.0027	-0.0008	0.0011	4.66E+06	0.472	3559.560	6200	0	17685	0.0028	-0.0008	0.0011	4.91E+06	0.397
									2847.880	4201	0	16595	0.0028	-0.0008	0.0011	4.58E+06	0.470	3560.560	6199	0	17685	0.0028	-0.0008	0.0011	4.99E+06	0.400
									2848.880	4200	0	16668	0.0027	-0.0008	0.0011	4.48E+06	0.466	3561.560	6200	0	17757	0.0028	-0.0008	0.0011	4.99E+06	0.400
									2849.880	4201	0	16668	0.0027	-0.0008	0.0011	4.39E+06	0.461	3562.560	6201	0	17757	0.0028	-0.0008	0.0011	5.02E+06	0.401
									2850.880	4199	0	16668	0.0027	-0.0008	0.0011	4.38E+06	0.461	3563.560	6201	0	17794	0.0028	-0.0008	0.0011	5.04E+06	0.400
									2851.880	4201	0	16741	0.0028	-0.0008	0.0011	4.33E+06	0.460	3564.560	6199	0	17794	0.0028	-0.0008	0.0011	4.99E+06	0.396
									2852.880	4201	0	16704	0.0028	-0.0008	0.0011	4.30E+06	0.463	3565.560	6200	0	17721	0.0028	-0.0008	0.0011	4.86E+06	0.389
									2853.880	4200	0	16777	0.0028	-0.0008	0.0011	4.26E+06	0.463	3566.560	6201	0	17794	0.0028	-0.0008	0.0011	4.83E+06	0.385
									2854.880	4200	0	16813	0.0028	-0.0008	0.0011	4.24E+06	0.464	3567.560	6201	0	17830	0.0028	-0.0008	0.0011	4.88E+06	0.389
									2855.880	4200	0	16741	0.0028	-0.0008	0.0011	4.17E+06	0.458	3568.560	6201	0	17830	0.0028	-0.0008	0.0011	4.86E+06	0.389
									2856.880	4202	0	16777	0.0028	-0.0008	0.0011	4.14E+06	0.460	3569.560	6200	0	17866	0.0028	-0.0009	0.0011	4.87E+06	0.389
									2857.880	4200	0	16813	0.0028	-0.0008	0.0011	4.06E+06	0.460	3570.560								

2883.870	4201	0	17285	0.0029	-0.0009	0.0011	3.77E+06	0.470	3596.550	6199	0	18447	0.0029	-0.0009	0.0011	4.80E+06	0.412
2884.870	4202	0	17285	0.0029	-0.0009	0.0011	3.76E+06	0.473	3597.550	6201	0	18447	0.0029	-0.0009	0.0011	4.85E+06	0.414
2885.870	4200	0	17285	0.0029	-0.0009	0.0011	3.71E+06	0.472	3598.550	6199	0	18520	0.0029	-0.0009	0.0011	4.82E+06	0.413
2886.870	4201	0	17285	0.0029	-0.0009	0.0011	3.76E+06	0.473	3599.550	6200	0	18411	0.0029	-0.0009	0.0011	4.88E+06	0.417
2887.870	4201	0	17285	0.0029	-0.0009	0.0011	3.70E+06	0.473	3600.550	6200	0	18520	0.0029	-0.0009	0.0011	4.86E+06	0.420
2888.870	4202	0	17394	0.0029	-0.0009	0.0011	3.72E+06	0.477	3601.550	6199	0	18520	0.0029	-0.0009	0.0011	4.83E+06	0.424
2889.860	4201	0	17431	0.0029	-0.0009	0.0011	3.75E+06	0.481	3602.550	6200	0	18556	0.0029	-0.0009	0.0011	4.82E+06	0.426
2890.860	4202	0	17394	0.0029	-0.0009	0.0011	3.74E+06	0.480	3603.550	6200	0	18593	0.0029	-0.0009	0.0011	4.83E+06	0.426
2891.860	4200	0	17394	0.0029	-0.0009	0.0011	3.76E+06	0.482	3604.550	6200	0	18556	0.0030	-0.0009	0.0011	4.86E+06	0.429
2892.860	4201	0	17394	0.0030	-0.0009	0.0011	3.73E+06	0.483	3605.550	6202	0	18556	0.0030	-0.0009	0.0011	4.89E+06	0.432
2893.860	4200	0	17394	0.0030	-0.0009	0.0011	3.69E+06	0.481	3606.550	6200	0	18629	0.0030	-0.0009	0.0011	4.93E+06	0.436
2894.860	4199	0	17467	0.0030	-0.0009	0.0011	3.78E+06	0.482	3607.550	6199	0	18593	0.0030	-0.0009	0.0011	4.91E+06	0.433
2895.860	4203	0	17503	0.0030	-0.0009	0.0011	3.79E+06	0.485	3608.550	6200	0	18702	0.0030	-0.0009	0.0011	4.89E+06	0.431
2896.860	4201	0	17467	0.0030	-0.0009	0.0011	3.79E+06	0.485	3609.550	6201	0	18702	0.0030	-0.0009	0.0011	4.82E+06	0.429
2897.860	4200	0	17540	0.0030	-0.0009	0.0011	3.85E+06	0.492	3610.550	6199	0	18702	0.0030	-0.0009	0.0011	4.77E+06	0.430
2898.860	4200	0	17540	0.0030	-0.0009	0.0011	3.82E+06	0.492	3611.550	6199	0	18738	0.0030	-0.0009	0.0011	4.82E+06	0.430
2899.860	4200	0	17540	0.0030	-0.0009	0.0011	3.81E+06	0.491	3612.550	6199	0	18811	0.0030	-0.0009	0.0011	4.82E+06	0.430
2900.860	4200	0	17612	0.0030	-0.0009	0.0011	3.80E+06	0.491	3613.550	6199	0	18811	0.0030	-0.0009	0.0011	4.84E+06	0.432
2901.860	4201	0	17576	0.0030	-0.0009	0.0011	3.85E+06	0.492	3614.550	6201	0	18811	0.0030	-0.0009	0.0011	4.82E+06	0.432
2902.860	4200	0	17612	0.0030	-0.0009	0.0011	3.85E+06	0.491	3615.550	6199	0	18847	0.0030	-0.0009	0.0011	4.82E+06	0.430
2903.860	4202	0	17612	0.0030	-0.0009	0.0011	3.90E+06	0.499	3616.550	6199	0	18811	0.0030	-0.0009	0.0011	4.74E+06	0.428
2904.860	4199	0	17612	0.0030	-0.0009	0.0011	3.95E+06	0.507	3617.550	6201	0	18883	0.0030	-0.0009	0.0011	4.71E+06	0.425
2905.860	4203	0	17685	0.0030	-0.0009	0.0011	3.95E+06	0.511	3618.550	6200	0	18920	0.0030	-0.0009	0.0011	4.72E+06	0.427
2906.860	4199	0	17721	0.0030	-0.0009	0.0011	3.94E+06	0.510	3619.550	6200	0	18956	0.0030	-0.0009	0.0011	4.64E+06	0.426
2907.860	4201	0	17648	0.0030	-0.0009	0.0011	3.92E+06	0.513	3620.550	6202	0	18956	0.0030	-0.0009	0.0011	4.67E+06	0.429
2908.860	4201	0	17685	0.0030	-0.0009	0.0011	3.89E+06	0.516	3621.540	6200	0	18956	0.0030	-0.0009	0.0011	4.69E+06	0.432
2909.860	4201	0	17685	0.0030	-0.0009	0.0011	3.90E+06	0.518	3622.540	6201	0	19028	0.0030	-0.0009	0.0011	4.67E+06	0.431
2910.860	4200	0	17721	0.0030	-0.0009	0.0011	3.85E+06	0.514	3623.540	6200	0	18992	0.0030	-0.0009	0.0011	4.63E+06	0.429
2911.860	4199	0	17757	0.0030	-0.0009	0.0011	3.88E+06	0.517	3624.540	6200	0	19028	0.0030	-0.0010	0.0011	4.61E+06	0.428
2912.860	4202	0	17757	0.0030	-0.0010	0.0011	3.91E+06	0.522	3625.540	6200	0	19101	0.0031	-0.0010	0.0011	4.58E+06	0.428
2913.860	4201	0	17794	0.0030	-0.0009	0.0011	3.84E+06	0.519	3626.540	6201	0	19065	0.0030	-0.0010	0.0011	4.57E+06	0.430
2914.860	4199	0	17794	0.0030	-0.0010	0.0011	3.84E+06	0.520	3627.540	6201	0	19101	0.0031	-0.0010	0.0011	4.51E+06	0.429
2915.860	4201	0	17866	0.0030	-0.0010	0.0011	3.92E+06	0.522	3628.540	6200	0	19137	0.0031	-0.0010	0.0011	4.49E+06	0.430
2916.860	4201	0	17830	0.0031	-0.0010	0.0011	3.92E+06	0.525	3629.540	6200	0	19174	0.0031	-0.0010	0.0011	4.49E+06	0.431
2917.860	4201	0	17830	0.0031	-0.0010	0.0011	3.88E+06	0.525	3630.540	6200	0	19174	0.0031	-0.0010	0.0011	4.44E+06	0.430
2918.860	4200	0	17830	0.0031	-0.0010	0.0011	3.88E+06	0.527	3631.540	6202	0	19174	0.0031	-0.0010	0.0011	4.41E+06	0.429
2919.860	4200	0	17975	0.0031	-0.0010	0.0011	3.81E+06	0.524	3632.540	6199	0	19283	0.0031	-0.0010	0.0012	4.39E+06	0.427
2920.850	4202	0	17866	0.0031	-0.0010	0.0011	3.81E+06	0.526	3633.540	6200	0	19246	0.0031	-0.0010	0.0011	4.37E+06	0.431
2921.850	4202	0	17903	0.0031	-0.0010	0.0011	3.81E+06	0.525	3634.540	6200	0	19246	0.0031	-0.0010	0.0012	4.34E+06	0.429
2922.850	4199	0	17939	0.0031	-0.0010	0.0011	3.80E+06	0.527	3635.540	6199	0	19246	0.0031	-0.0010	0.0011	4.37E+06	0.432
2923.850	4201	0	17939	0.0031	-0.0010	0.0011	3.78E+06	0.525	3636.540	6202	0	19355	0.0031	-0.0010	0.0012	4.32E+06	0.433
2924.850	4201	0	18012	0.0031	-0.0010	0.0011	3.80E+06	0.527	3637.540	6200	0	19319	0.0031	-0.0010	0.0011	4.35E+06	0.439
2925.850	4199	0	17975	0.0031	-0.0010	0.0011	3.74E+06	0.526	3638.540	6199	0	19355	0.0031	-0.0010	0.0011	4.34E+06	0.439
2926.850	4201	0	18084	0.0031	-0.0010	0.0011	3.72E+06	0.527	3639.540	6200	0	19355	0.0031	-0.0010	0.0012	4.36E+06	0.440
2927.850	4200	0	18048	0.0031	-0.0010	0.0011	3.75E+06	0.535	3640.540	6200	0	19392	0.0031	-0.0010	0.0011	4.30E+06	0.437
2928.850	4201	0	18084	0.0031	-0.0010	0.0011	3.78E+06	0.539	3641.540	6199	0	19392	0.0031	-0.0010	0.0012	4.34E+06	0.441
2929.850	4202	0	18084	0.0031	-0.0010	0.0011	3.76E+06	0.537	3642.540	6200	0	19392	0.0031	-0.0010	0.0012	4.33E+06	0.445
2930.850	4199	0	18084	0.0031	-0.0010	0.0011	3.76E+06	0.540	3643.540	6199	0	19428	0.0031	-0.0010	0.0011	4.33E+06	0.448
2931.850	4201	0	18121	0.0031	-0.0010	0.0011	3.75E+06	0.540	3644.540	6201	0	19428	0.0031	-0.0010	0.0012	4.35E+06	0.449
2932.850	4200	0	18121	0.0031	-0.0010	0.0011	3.77E+06	0.543	3645.540	6201	0	19464	0.0031	-0.0010	0.0011	4.36E+06	0.452
2933.850	4201	0	18121	0.0031	-0.0010	0.0011	3.74E+06	0.547	3646.540	6201	0	19464	0.0031	-0.0010	0.0011	4.36E+06	0.453
2934.850	4199	0	18121	0.0031	-0.0010	0.0011	3.70E+06	0.547	3647.540	6200	0	19501	0.0031	-0.0010	0.0011	4.33E+06	0.451
2935.850	4201	0	18157	0.0031	-0.0010	0.0011	3.64E+06	0.550	3648.540	6200	0	19501	0.0031	-0.0010	0.0011	4.35E+06	0.454
2936.850	4200	0	18230	0.0031	-0.0010	0.0011	3.63E+06	0.552	3649.540	6199	0	19501	0.0032	-0.0010	0.0012	4.34E+06	0.453
2937.850	4200	0	18230	0.0031	-0.0010	0.0011	3.61E+06	0.553	3650.540	6201	0	19610	0.0032	-0.0010	0.0012	4.35E+06	0.454
2938.850	4200	0	18193	0.0032	-0.0010	0.0011	3.58E+06	0.554	3651.540	6200	0	19573	0.0032	-0.0010	0.0012	4.36E+06	0.453
2939.850	4199	0	18230	0.0031	-0.0010	0.0011	3.62E+06	0.564	3652.540	6199	0	19537	0.0032	-0.0010	0.0012	4.35E+06	0.455
2940.850	4201	0	18302	0.0032	-0.0010	0.0011	3.57E+06	0.567	3653.530	6200	0	19573	0.0032	-0.0010	0.0012	4.30E+06	0.453
2941.850	4202	0	18230	0.0031	-0.0010	0.0011	3.59E+06	0.571	3654.530	6200	0	19646	0.0032	-0.0010	0.0012	4.31E+06	0.454
2942.850	4200	0	18266	0.0032	-0.0010	0.0011	3.58E+06	0.572	3655.530	6199	0	19646	0.0032	-0.0010	0.0012	4.34E+06	0.456
2943.850	4199	0	18302	0.0031	-0.0010	0.0011	3.52E+06	0.569	3656.530	6200	0	19718	0.0032	-0.0010	0.0012	4.37E+06	0.459
2944.850	4201	0	18302	0.0032	-0.0010	0.0011	3.46E+06	0.567	3657.530	6199	0	19718	0.0032	-0.0010	0.0012	4.38E+06	0.462
2945.850	4202	0	18338	0.0032	-0.0010	0.0011	3.48E+06	0.565	3658.530	6201	0	19718	0.0032	-0.0010	0.0011	4.36E+06	0.460
2946.850	4200	0	18338	0.0032	-0.0010	0.0011	3.46E+06	0.568	3659.530	6200	0	19682	0.0032	-0.0010	0.0012	4.33E+06	0.459
2947.850	4201	0	18375	0.0032	-0.0010	0.001											

2959.840	4202	0	18556	0.0033	-0.0011	0.0011	3.31E+06	0.576	3672.530	6200	0	19973	0.0033	-0.0010	0.0012	4.13E+06	0.447
2960.840	4200	0	18520	0.0032	-0.0011	0.0011	3.33E+06	0.577	3673.530	6200	0	19973	0.0033	-0.0011	0.0012	4.15E+06	0.446
2961.840	4202	0	18593	0.0032	-0.0011	0.0011	3.28E+06	0.573	3674.530	6202	0	20009	0.0033	-0.0011	0.0012	4.17E+06	0.447
2962.840	4201	0	18593	0.0033	-0.0011	0.0011	3.29E+06	0.574	3675.530	6198	0	20045	0.0033	-0.0011	0.0012	4.12E+06	0.445
2963.840	4201	0	18629	0.0033	-0.0011	0.0011	3.35E+06	0.581	3676.530	6201	0	20045	0.0033	-0.0011	0.0012	4.16E+06	0.446
2964.840	4200	0	18629	0.0033	-0.0011	0.0011	3.28E+06	0.576	3677.530	6199	0	20045	0.0033	-0.0011	0.0012	4.15E+06	0.447
2965.840	4200	0	18593	0.0033	-0.0011	0.0011	3.26E+06	0.578	3678.530	6199	0	20045	0.0033	-0.0011	0.0012	4.11E+06	0.447
2966.840	4202	0	18665	0.0033	-0.0011	0.0011	3.29E+06	0.578	3679.530	6199	0	20082	0.0033	-0.0011	0.0012	4.08E+06	0.450
2967.840	4200	0	18665	0.0033	-0.0011	0.0011	3.28E+06	0.579	3680.530	6200	0	20118	0.0033	-0.0011	0.0012	4.03E+06	0.450
2968.840	4201	0	18702	0.0033	-0.0011	0.0011	3.25E+06	0.579	3681.530	6200	0	20154	0.0033	-0.0011	0.0012	4.01E+06	0.449
2969.840	4200	0	18702	0.0033	-0.0011	0.0011	3.27E+06	0.580	3682.530	6199	0	20154	0.0033	-0.0011	0.0012	4.02E+06	0.448
2970.840	4202	0	18738	0.0033	-0.0011	0.0011	3.25E+06	0.575	3683.530	6201	0	20118	0.0033	-0.0011	0.0012	3.99E+06	0.445
2971.840	4203	0	18774	0.0033	-0.0011	0.0011	3.20E+06	0.572	3684.520	6201	0	20154	0.0033	-0.0011	0.0012	3.99E+06	0.448
2972.840	4201	0	18738	0.0033	-0.0011	0.0011	3.19E+06	0.575	3685.520	6200	0	20191	0.0033	-0.0011	0.0012	3.96E+06	0.448
2973.840	4199	0	18847	0.0033	-0.0011	0.0011	3.19E+06	0.573	3686.520	6201	0	20191	0.0033	-0.0011	0.0012	4.01E+06	0.449
2974.840	4201	0	18811	0.0033	-0.0011	0.0011	3.17E+06	0.571	3687.520	6201	0	20263	0.0033	-0.0011	0.0012	3.93E+06	0.447
2975.840	4199	0	18847	0.0033	-0.0011	0.0011	3.21E+06	0.574	3688.520	6200	0	20300	0.0033	-0.0011	0.0012	4.00E+06	0.453
2976.840	4200	0	18811	0.0033	-0.0011	0.0011	3.17E+06	0.570	3689.520	6199	0	20263	0.0033	-0.0011	0.0012	3.97E+06	0.455
2977.840	4200	0	18811	0.0033	-0.0011	0.0011	3.12E+06	0.571	3690.520	6201	0	20336	0.0033	-0.0011	0.0012	3.98E+06	0.457
2978.840	4202	0	18847	0.0033	-0.0011	0.0011	3.08E+06	0.567	3691.520	6201	0	20263	0.0033	-0.0011	0.0012	3.97E+06	0.453
2979.840	4200	0	18811	0.0033	-0.0011	0.0011	3.13E+06	0.570	3692.520	6200	0	20336	0.0033	-0.0011	0.0012	3.98E+06	0.455
2980.840	4200	0	18919	0.0033	-0.0011	0.0011	3.13E+06	0.568	3693.520	6199	0	20336	0.0034	-0.0011	0.0012	3.96E+06	0.456
2981.840	4200	0	18919	0.0033	-0.0011	0.0011	3.17E+06	0.571	3694.520	6201	0	20336	0.0033	-0.0011	0.0012	3.93E+06	0.455
2982.830	4202	0	18956	0.0034	-0.0011	0.0011	3.16E+06	0.568	3695.520	6199	0	20372	0.0034	-0.0011	0.0012	3.94E+06	0.456
2983.830	4201	0	18919	0.0034	-0.0011	0.0011	3.16E+06	0.568	3696.520	6200	0	20372	0.0034	-0.0011	0.0012	3.89E+06	0.454
2984.830	4200	0	18956	0.0034	-0.0011	0.0011	3.13E+06	0.570	3697.520	6200	0	20336	0.0034	-0.0011	0.0012	3.93E+06	0.457
2985.830	4201	0	19028	0.0033	-0.0011	0.0011	3.09E+06	0.563	3698.520	6200	0	20445	0.0034	-0.0011	0.0012	3.94E+06	0.458
2986.830	4200	0	18956	0.0034	-0.0011	0.0011	3.03E+06	0.565	3699.520	6200	0	20517	0.0034	-0.0011	0.0012	3.95E+06	0.464
2987.830	4201	0	18992	0.0034	-0.0011	0.0011	3.06E+06	0.570	3700.520	6199	0	20481	0.0034	-0.0011	0.0012	3.95E+06	0.465
2988.830	4201	0	18992	0.0034	-0.0011	0.0011	3.03E+06	0.568	3701.520	6199	0	20517	0.0034	-0.0011	0.0012	3.98E+06	0.466
2989.830	4200	0	18992	0.0034	-0.0012	0.0011	3.02E+06	0.567	3702.520	6200	0	20517	0.0034	-0.0011	0.0012	3.97E+06	0.466
2990.830	4202	0	19028	0.0034	-0.0012	0.0011	3.03E+06	0.576	3703.520	6199	0	20517	0.0034	-0.0011	0.0012	3.95E+06	0.465
2991.830	4201	0	19101	0.0034	-0.0012	0.0011	2.92E+06	0.570	3704.520	6200	0	20517	0.0034	-0.0011	0.0012	3.96E+06	0.467
2992.830	4200	0	19065	0.0034	-0.0012	0.0011	2.93E+06	0.579	3705.520	6199	0	20481	0.0034	-0.0011	0.0012	3.95E+06	0.467
2993.830	4202	0	19065	0.0034	-0.0012	0.0011	2.92E+06	0.584	3706.520	6200	0	20590	0.0034	-0.0011	0.0012	3.95E+06	0.470
2994.830	4200	0	19101	0.0034	-0.0012	0.0011	2.84E+06	0.573	3707.520	6201	0	20590	0.0034	-0.0011	0.0012	4.02E+06	0.474
2995.830	4201	0	19137	0.0034	-0.0012	0.0011	2.78E+06	0.569	3708.520	6199	0	20590	0.0034	-0.0011	0.0012	4.00E+06	0.475
2996.230	4200	0	19065	0.0034	-0.0012	0.0011	2.70E+06	0.557	3709.520	6201	0	20590	0.0034	-0.0011	0.0012	3.97E+06	0.475
2997.230	4203	0	19101	0.0034	-0.0012	0.0011	2.68E+06	0.555	3710.520	6199	0	20663	0.0034	-0.0011	0.0012	3.97E+06	0.478
									3711.520	6202	0	20699	0.0034	-0.0011	0.0012	3.91E+06	0.479
									3712.520	6199	0	20663	0.0034	-0.0011	0.0012	3.86E+06	0.478
									3713.520	6202	0	20735	0.0034	-0.0011	0.0012	3.79E+06	0.474
									3714.520	6200	0	20699	0.0034	-0.0011	0.0012	3.78E+06	0.474
									3715.510	6200	0	20735	0.0034	-0.0011	0.0012	3.81E+06	0.475
									3716.510	6199	0	20808	0.0035	-0.0011	0.0012	3.84E+06	0.476
									3717.510	6200	0	20772	0.0035	-0.0011	0.0012	3.85E+06	0.479
									3718.510	6199	0	20772	0.0035	-0.0011	0.0012	3.88E+06	0.479
									3719.510	6199	0	20772	0.0035	-0.0011	0.0012	3.84E+06	0.476
									3720.510	6201	0	20808	0.0035	-0.0011	0.0012	3.84E+06	0.480
									3721.510	6202	0	20844	0.0035	-0.0012	0.0012	3.83E+06	0.480
									3722.510	6201	0	20880	0.0035	-0.0012	0.0012	3.79E+06	0.480
									3723.510	6200	0	20880	0.0035	-0.0012	0.0012	3.69E+06	0.478
									3724.510	6201	0	20880	0.0035	-0.0012	0.0012	3.70E+06	0.476
									3725.510	6199	0	20880	0.0035	-0.0012	0.0012	3.68E+06	0.472
									3726.510	6201	0	20953	0.0035	-0.0012	0.0012	3.65E+06	0.471
									3727.510	6202	0	20917	0.0035	-0.0012	0.0012	3.70E+06	0.475
									3728.510	6200	0	20953	0.0035	-0.0012	0.0012	3.70E+06	0.479
									3729.510	6199	0	20989	0.0035	-0.0012	0.0012	3.73E+06	0.480
									3730.510	6200	0	20989	0.0035	-0.0012	0.0012	3.73E+06	0.484
									3731.510	6198	0	20989	0.0035	-0.0012	0.0012	3.65E+06	0.485
									3732.510	6201	0	21062	0.0035	-0.0012	0.0012	3.65E+06	0.487
									3733.510	6201	0	21026	0.0035	-0.0012	0.0012	3.63E+06	0.486
									3734.510	6203	0	21062	0.0035	-0.0012	0.0012	3.63E+06	0.485
									3735.510	6199	0	21098	0.0035	-0.0012	0.0012	3.61E+06	0.487
									3736.510	6200	0	21026	0.0035	-0.0012	0.0012	3.62E+06	0.490
									3737.510	6200	0	21062	0.0035	-0.0012	0.0012	3.61E+06	0.491
									3738.510	6201	0	21062	0.0036	-0.0012	0.0012	3.57E+06	0.487
									3739.510	6199	0	21098	0.0036	-0.0012	0.0012	3.64E+06	0.492
									3740.510	6201	0	21207	0.0035	-0.0012	0.0012	3.64E+06	0.498
									3741.510	6199	0	21171	0.0036	-0.0012	0.0012	3.62E+06	0.499
									3742.510	6200	0	21207	0.0036	-0.0012	0.0012	3.64E+06	0.499
									3743.510	6200	0	21244	0.0036	-0.0012	0.0012	3.61E+06	0.496
									3744.510	6201	0	21207	0.0036	-0.0012	0.0012	3.58E+06	0.496
									3745.510	6200	0	21207	0.0036	-0.0012	0.0012	3.57E+06	0.493
									3746.500	6200	0	21244	0.0036	-0.0012	0.0012	3.58E+06	0.494
									3747.								

3748.500	6201	0	21207	0.0036	-0.0012	0.0012	3.56E+06	0.495
3749.500	6202	0	21316	0.0036	-0.0012	0.0012	3.60E+06	0.497
3750.500	6200	0	21280	0.0036	-0.0012	0.0012	3.63E+06	0.502
3751.500	6201	0	21316	0.0036	-0.0012	0.0012	3.58E+06	0.501
3752.500	6200	0	21389	0.0036	-0.0012	0.0012	3.62E+06	0.504
3753.500	6201	0	21316	0.0036	-0.0012	0.0012	3.59E+06	0.506
3754.500	6199	0	21425	0.0036	-0.0012	0.0012	3.61E+06	0.508
3755.500	6199	0	21389	0.0036	-0.0012	0.0012	3.65E+06	0.513
3756.500	6200	0	21352	0.0036	-0.0012	0.0012	3.56E+06	0.509
3757.500	6199	0	21389	0.0036	-0.0012	0.0012	3.55E+06	0.513
3758.500	6200	0	21425	0.0036	-0.0012	0.0012	3.60E+06	0.512
3759.500	6199	0	21498	0.0036	-0.0012	0.0012	3.57E+06	0.512
3760.500	6199	0	21461	0.0036	-0.0012	0.0012	3.52E+06	0.508
3761.500	6199	0	21498	0.0036	-0.0012	0.0012	3.51E+06	0.504
3762.500	6200	0	21461	0.0037	-0.0012	0.0012	3.46E+06	0.503
3763.500	6199	0	21534	0.0037	-0.0012	0.0012	3.43E+06	0.502
3764.500	6200	0	21570	0.0037	-0.0012	0.0012	3.36E+06	0.498
3765.500	6200	0	21534	0.0037	-0.0012	0.0012	3.33E+06	0.500
3766.500	6200	0	21534	0.0037	-0.0012	0.0012	3.33E+06	0.499
3767.500	6200	0	21570	0.0037	-0.0012	0.0012	3.31E+06	0.499
3768.500	6199	0	21607	0.0037	-0.0013	0.0012	3.34E+06	0.504
3769.500	6200	0	21570	0.0037	-0.0013	0.0012	3.37E+06	0.509
3770.500	6200	0	21679	0.0037	-0.0013	0.0012	3.40E+06	0.510
3771.500	6199	0	21679	0.0037	-0.0013	0.0012	3.42E+06	0.513
3772.500	6199	0	21679	0.0037	-0.0013	0.0012	3.43E+06	0.514
3773.500	6199	0	21679	0.0037	-0.0013	0.0012	3.45E+06	0.516
3774.500	6201	0	21752	0.0037	-0.0013	0.0012	3.38E+06	0.514
3775.500	6200	0	21752	0.0037	-0.0013	0.0012	3.41E+06	0.515
3776.500	6200	0	21679	0.0037	-0.0013	0.0012	3.38E+06	0.513
3777.500	6201	0	21752	0.0037	-0.0013	0.0012	3.31E+06	0.511
3778.490	6200	0	21716	0.0037	-0.0013	0.0012	3.36E+06	0.513
3779.490	6201	0	21788	0.0037	-0.0013	0.0012	3.34E+06	0.515
3780.490	6201	0	21788	0.0037	-0.0013	0.0012	3.39E+06	0.514
3781.490	6201	0	21716	0.0037	-0.0013	0.0012	3.44E+06	0.519
3782.490	6199	0	21788	0.0037	-0.0013	0.0012	3.42E+06	0.520
3783.490	6201	0	21897	0.0038	-0.0013	0.0012	3.44E+06	0.525
3784.490	6201	0	21825	0.0037	-0.0013	0.0012	3.46E+06	0.525
3785.490	6200	0	21825	0.0038	-0.0013	0.0012	3.45E+06	0.524
3786.490	6201	0	21897	0.0038	-0.0013	0.0012	3.46E+06	0.529
3787.490	6200	0	21897	0.0038	-0.0013	0.0012	3.50E+06	0.531
3788.490	6200	0	21934	0.0038	-0.0013	0.0012	3.45E+06	0.531
3789.490	6199	0	21897	0.0038	-0.0013	0.0012	3.44E+06	0.528
3790.490	6199	0	21897	0.0038	-0.0013	0.0012	3.49E+06	0.530
3791.490	6199	0	21934	0.0038	-0.0013	0.0012	3.50E+06	0.529
3792.490	6201	0	21934	0.0038	-0.0013	0.0012	3.49E+06	0.530
3793.490	6199	0	22006	0.0038	-0.0013	0.0012	3.43E+06	0.528
3794.490	6200	0	21970	0.0038	-0.0013	0.0012	3.36E+06	0.527
3795.490	6201	0	22079	0.0038	-0.0013	0.0012	3.32E+06	0.528
3796.490	6201	0	22042	0.0038	-0.0013	0.0012	3.31E+06	0.529
3797.490	6200	0	22079	0.0038	-0.0013	0.0012	3.33E+06	0.534
3798.490	6200	0	22115	0.0038	-0.0013	0.0012	3.34E+06	0.535
3799.490	6199	0	22079	0.0038	-0.0013	0.0012	3.34E+06	0.537
3800.490	6200	0	22115	0.0038	-0.0013	0.0012	3.40E+06	0.540
3801.490	6200	0	22115	0.0038	-0.0013	0.0012	3.41E+06	0.541
3802.490	6199	0	22079	0.0038	-0.0013	0.0012	3.34E+06	0.542
3803.490	6201	0	22188	0.0038	-0.0013	0.0012	3.35E+06	0.544
3804.490	6200	0	22151	0.0039	-0.0013	0.0012	3.35E+06	0.544
3805.490	6200	47	22224	0.0038	-0.0013	0.0012	3.36E+06	0.547
3806.490	6199	0	22260	0.0038	-0.0013	0.0012	3.34E+06	0.546
3807.490	6200	0	22224	0.0039	-0.0013	0.0012	3.29E+06	0.545
3808.490	6201	47	22260	0.0039	-0.0014	0.0012	3.25E+06	0.547
3809.480	6201	0	22297	0.0039	-0.0014	0.0012	3.27E+06	0.549
3810.480	6200	0	22224	0.0039	-0.0014	0.0012	3.27E+06	0.551
3811.480	6199	0	22260	0.0039	-0.0014	0.0012	3.21E+06	0.552
3812.480	6201	0	22333	0.0039	-0.0014	0.0012	3.21E+06	0.550
3813.480	6199	47	22297	0.0039	-0.0014	0.0012	3.18E+06	0.547
3814.480	6199	0	22333	0.0039	-0.0014	0.0012	3.16E+06	0.544
3815.480	6201	0	22369	0.0039	-0.0014	0.0012	3.12E+06	0.544
3816.480	6200	0	22406	0.0039	-0.0014	0.0012	3.07E+06	0.545
3817.480	6200	0	22442	0.0039	-0.0014	0.0012	3.02E+06	0.541
3818.480	6200	47	22333	0.0039	-0.0014	0.0012	3.01E+06	0.542
3819.480	6200	0	22297	0.0039	-0.0014	0.0012	2.99E+06	0.542
3820.480	6199	0	22369	0.0039	-0.0014	0.0012	2.98E+06	0.546
3821.480	6199	0	22369	0.0039	-0.0014	0.0012	2.99E+06	0.549
3822.480	6200	0	22406	0.0039	-0.0014	0.0012	2.98E+06	0.550
3823.480	6200	0	22478	0.0039	-0.0014	0.0012	3.00E+06	0.551

3824.480	6201	0	22478	0.0039	-0.0014	0.0011	3.02E+06	0.555
3825.480	6200	0	22515	0.0039	-0.0014	0.0011	3.02E+06	0.556
3826.480	6200	0	22478	0.0039	-0.0014	0.0012	3.05E+06	0.559
3827.480	6200	0	22406	0.0039	-0.0014	0.0011	3.06E+06	0.561
3828.480	6202	0	22515	0.0040	-0.0014	0.0012	3.02E+06	0.561
3829.480	6201	0	22587	0.0040	-0.0014	0.0012	3.06E+06	0.563
3830.480	6201	0	22515	0.0040	-0.0014	0.0012	3.08E+06	0.567
3831.480	6200	0	22551	0.0040	-0.0014	0.0012	3.11E+06	0.570
3832.480	6199	0	22587	0.0040	-0.0014	0.0012	3.17E+06	0.575
3833.480	6200	0	22551	0.0040	-0.0014	0.0012	3.22E+06	0.577
3834.480	6200	0	22587	0.0040	-0.0014	0.0011	3.30E+06	0.581
3835.480	6201	0	22623	0.0040	-0.0014	0.0012	3.37E+06	0.585
3836.480	6200	0	22587	0.0040	-0.0014	0.0011	3.36E+06	0.589
3837.480	6201	0	22660	0.0040	-0.0014	0.0011	3.34E+06	0.593
3838.480	6200	0	22660	0.0040	-0.0014	0.0012	3.41E+06	0.600
3839.480	6200	0	22660	0.0040	-0.0014	0.0011	3.41E+06	0.603
3840.470	6199	0	22660	0.0040	-0.0014	0.0011	3.46E+06	0.608
3841.470	6200	0	22660	0.0040	-0.0014	0.0012	3.49E+06	0.609
3842.470	6199	0	22696	0.0040	-0.0014	0.0012	3.51E+06	0.605
3843.470	6200	0	22769	0.0040	-0.0014	0.0011	3.50E+06	0.601
3844.470	6200	0	22732	0.0040	-0.0014	0.0011	3.48E+06	0.596
3845.470	6199	0	22769	0.0040	-0.0014	0.0011	3.44E+06	0.600
3846.470	6203	0	22732	0.0040	-0.0014	0.0011	3.40E+06	0.599
3847.470	6199	0	22769	0.0040	-0.0014	0.0011	3.36E+06	0.599
3848.470	6201	0	22805	0.0040	-0.0015	0.0011	3.34E+06	0.604
3849.470	6201	0	22805	0.0040	-0.0015	0.0011	3.33E+06	0.603
3850.470	6200	0	22841	0.0040	-0.0015	0.0011	3.35E+06	0.606
3851.470	6199	0	22878	0.0041	-0.0015	0.0011	3.33E+06	0.605
3852.470	6199	0	22878	0.0041	-0.0015	0.0011	3.30E+06	0.601
3853.470	6199	0	22878	0.0041	-0.0015	0.0011	3.25E+06	0.602
3854.470	6199	0	22914	0.0041	-0.0015	0.0011	3.21E+06	0.601
3855.470	6200	0	22950	0.0041	-0.0015	0.0011	3.18E+06	0.597
3856.470	6198	0	22914	0.0041	-0.0015	0.0011	3.11E+06	0.593
3857.470	6199	0	22950	0.0041	-0.0015	0.0011	3.12E+06	0.591
3858.470	6199	0	23023	0.0041	-0.0015	0.0011	3.13E+06	0.590
3859.470	6199	0	23059	0.0041	-0.0015	0.0011	3.13E+06	0.592
3860.470	6199	0	23023	0.0041	-0.0015	0.0011	3.12E+06	0.594
3861.470	6198	0	22987	0.0041	-0.0015	0.0011	3.08E+06	0.592
3862.470	6199	0	22987	0.0041	-0.0015	0.0011	3.07E+06	0.595
3863.470	6200	0	23059	0.0041	-0.0015	0.0011	3.07E+06	0.596
3864.470	6200	0	23059	0.0041	-0.0015	0.0011	3.06E+06	0.595
3865.470	6199	0	23096	0.0041	-0.0015	0.0011	3.03E+06	0.591
3866.470	6200	0	23096	0.0041	-0.0015	0.0011	3.01E+06	0.592
3867.470	6200	0	23132	0.0041	-0.0015	0.0011	2.95E+06	0.589
3868.470	6200	0	23096	0.0041	-0.0015	0.0011	2.90E+06	0.585
3869.470	6201	0	23205	0.0042	-0.0015	0.0011	2.88E+06	0.587
3870.470	6200	0	23168	0.0041	-0.0015	0.0011	2.88E+06	0.588
3871.460	6200	0	23168	0.0042	-0.0015	0.0011	2.85E+06	0.588
3872.460	6201	0	23168	0.0042	-0.0015	0.0011	2.83E+06	0.588
3873.460	6200	0	23168	0.0042	-0.0015	0.0011	2.78E+06	0.587
3874.460	6199	0	23205	0.0042	-0.0015	0.0011	2.76E+06	0.583
3875.460	6199	0	23241	0.0042	-0.0015	0.0011	2.73E+06	0.585
3876.460	6200	0	23205	0.0042	-0.0015	0.0011	2.74E+06	0.586
3877.460	6199	0	23277	0.0042	-0.0015	0.0011	2.75E+06	0.588
3878.460	6199	0	23277	0.0042	-0.0015	0.0011	2.72E+06	0.585
3879.460	6199	0	23241	0.0042	-0.0015	0.0011	2.70E+06	0.584
3880.460	6199	0	23241	0.0042	-0.0015	0.0011	2.70E+06	0.585
3881.460	6199	0	23241	0.0042	-0.0016	0.0011	2.74E+06	0.590
3882.460	6200	0	23386	0.0042	-0.0016	0.0011	2.74E+06	0.590
3883.460	6201	0	23386	0.0042	-0.0016	0.0011	2.73E+06	0.589
3884.460	6201	0	23386	0.0042	-0.0016	0.0011	2.75E+06	0.588
3885.460	6199	0	23350	0.0042	-0.0016	0.0011	2.76E+06	0.585
3886.460	6201	0	23350	0.0042	-0.0016	0.0011	2.76E+06	0.587
3887.460	6199	0	23422	0.0042	-0.0016	0.0011	2.76E+06	0.590
3888.460	6201	0	23422	0.0043	-0.0016	0.0011	2.72E+06	0.586
3889.460	6200	0	23422	0.0042	-0.0016	0.0011	2.76E+06	0.588
3890.460	6201	0	23459	0.0043	-0.0016	0.0011	2.77E+06	0.593
3891.460	6199	0	23422	0.0043	-0.0016	0.0011	2.78E+06	0.596
3892.460	6200	0	23459	0.0043	-0.0016	0.0011	2.77E+06	0.596
3893.460	6201	0	23459	0.0043	-0.0016	0.0011	2.78E+06	0.591
3894.460	6200	0	23422	0.0043	-0.0016	0.0011	2.79E+06	0.586
3895.460	6199	0	23531	0.0043	-0.0016	0.0011	2.81E+06	0.582
3896.460	6199	0	23495	0.0043	-0.0016	0.0011	2.82E+06	0.584
3897.460	6199	0	23531	0.0043	-0.0016	0.0011	2.81E+06	0.581
3898.460	6200	0	23495	0.0043	-0.0016	0.0011	2.78E+06	0.579
3899.460	6201	0	23568	0.0043	-0.0016	0.0011	2.79E+06	0.582

				3900.460	6199	0	23531	0.0043	-0.0016	0.0011	2.79E+06	0.584
				3901.460	6200	0	23604	0.0043	-0.0016	0.0011	2.82E+06	0.585
				3902.460	6199	0	23604	0.0043	-0.0016	0.0011	2.77E+06	0.580
				3903.450	6200	0	23568	0.0043	-0.0016	0.0011	2.72E+06	0.578
				3904.450	6199	0	23604	0.0043	-0.0016	0.0011	2.67E+06	0.575
				3905.450	6200	0	23604	0.0043	-0.0016	0.0011	2.69E+06	0.573
				3906.450	6199	0	23677	0.0043	-0.0016	0.0011	2.67E+06	0.569
				3907.450	6201	0	23677	0.0043	-0.0016	0.0011	2.64E+06	0.566
				3908.450	6200	0	23677	0.0043	-0.0016	0.0011	2.64E+06	0.565
				3909.450	6201	0	23677	0.0043	-0.0016	0.0011	2.65E+06	0.561
				3910.450	6200	0	23677	0.0044	-0.0016	0.0011	2.71E+06	0.564
				3911.450	6201	0	23640	0.0043	-0.0016	0.0011	2.68E+06	0.564
				3912.450	6199	0	23713	0.0043	-0.0016	0.0011	2.64E+06	0.561
				3913.450	6199	0	23713	0.0044	-0.0016	0.0011	2.64E+06	0.564
				3914.450	6201	0	23786	0.0044	-0.0016	0.0011	2.65E+06	0.561
				3915.450	6200	0	23749	0.0044	-0.0016	0.0011	2.67E+06	0.563
				3916.450	6200	0	23713	0.0044	-0.0016	0.0011	2.63E+06	0.557
				3917.450	6200	0	23749	0.0044	-0.0017	0.0011	2.63E+06	0.555
				3918.450	6201	0	23822	0.0044	-0.0017	0.0011	2.61E+06	0.554
				3919.450	6200	0	23858	0.0044	-0.0017	0.0011	2.61E+06	0.550
				3920.450	6199	0	23822	0.0044	-0.0017	0.0011	2.56E+06	0.551
				3921.450	6199	0	23786	0.0044	-0.0017	0.0011	2.59E+06	0.553
				3922.450	6200	0	23822	0.0044	-0.0017	0.0011	2.58E+06	0.548
				3923.450	6199	0	23822	0.0044	-0.0017	0.0011	2.59E+06	0.542
				3924.450	6199	0	23858	0.0044	-0.0017	0.0011	2.58E+06	0.538
				3925.450	6201	0	23858	0.0044	-0.0017	0.0011	2.56E+06	0.531
				3926.450	6201	0	23894	0.0044	-0.0017	0.0011	2.55E+06	0.531
				3927.450	6201	0	23858	0.0044	-0.0017	0.0011	2.56E+06	0.526
				3928.450	6199	0	23786	0.0044	-0.0017	0.0011	2.57E+06	0.528
				3929.450	6200	0	23822	0.0044	-0.0017	0.0011	2.55E+06	0.523
				3930.450	6201	0	24003	0.0044	-0.0017	0.0011	2.53E+06	0.516
				3931.450	6200	0	23967	0.0044	-0.0017	0.0011	2.49E+06	0.510
				3932.450	6200	0	23967	0.0044	-0.0017	0.0011	2.52E+06	0.511
				3933.450	6199	0	23894	0.0044	-0.0017	0.0011	2.54E+06	0.510
				3934.440	6200	0	23967	0.0045	-0.0017	0.0011	2.54E+06	0.507
				3935.440	6201	0	24003	0.0045	-0.0017	0.0011	2.56E+06	0.507
				3936.440	6201	0	23931	0.0045	-0.0017	0.0011	2.54E+06	0.498
				3937.440	6199	0	23967	0.0045	-0.0017	0.0011	2.48E+06	0.494
				3938.440	6201	0	23967	0.0045	-0.0017	0.0011	2.51E+06	0.496
				3939.440	6201	0	24040	0.0045	-0.0017	0.0011	2.43E+06	0.487
				3940.440	6200	0	24040	0.0045	-0.0017	0.0011	2.47E+06	0.488
				3941.440	6201	0	24003	0.0045	-0.0017	0.0011	2.46E+06	0.489
				3942.440	6199	0	24076	0.0045	-0.0017	0.0011	2.43E+06	0.487
				3943.440	6199	0	24040	0.0045	-0.0017	0.0011	2.46E+06	0.490
				3944.440	6200	0	24112	0.0045	-0.0017	0.0011	2.49E+06	0.489
				3945.440	6200	0	24040	0.0045	-0.0017	0.0011	2.53E+06	0.487
				3946.440	6201	0	24076	0.0045	-0.0017	0.0011	2.54E+06	0.487
				3947.440	6199	0	24112	0.0045	-0.0017	0.0011	2.55E+06	0.487
				3948.440	6199	0	24149	0.0045	-0.0017	0.0011	2.53E+06	0.485
				3949.440	6200	0	24149	0.0045	-0.0017	0.0011	2.55E+06	0.486
				3950.440	6200	0	24112	0.0045	-0.0017	0.0011	2.59E+06	0.492
				3951.440	6199	0	24149	0.0045	-0.0017	0.0011	2.62E+06	0.500
				3952.440	6199	0	24149	0.0045	-0.0017	0.0011	2.67E+06	0.503
				3953.440	6200	0	24149	0.0045	-0.0017	0.0011	2.63E+06	0.504
				3954.440	6199	0	24185	0.0045	-0.0017	0.0011	2.60E+06	0.508
				3955.440	6199	0	24185	0.0045	-0.0017	0.0011	2.53E+06	0.511
				3956.440	6200	0	24149	0.0046	-0.0017	0.0011	2.55E+06	0.511
				3957.440	6201	0	24185	0.0045	-0.0017	0.0011	2.59E+06	0.515
				3958.440	6200	0	24221	0.0045	-0.0017	0.0011	2.62E+06	0.518
				3959.440	6199	0	24221	0.0046	-0.0017	0.0011	2.60E+06	0.521
				3960.440	6201	0	24258	0.0046	-0.0017	0.0011	2.66E+06	0.526
				3961.440	6200	0	24294	0.0046	-0.0017	0.0011	2.68E+06	0.526
				3962.440	6201	0	24221	0.0046	-0.0017	0.0011	2.64E+06	0.532
				3963.440	6199	0	24294	0.0046	-0.0018	0.0011	2.60E+06	0.535
				3964.440	6199	0	24221	0.0046	-0.0018	0.0011	2.61E+06	0.536
				3965.430	6200	0	24294	0.0046	-0.0018	0.0011	2.63E+06	0.541
				3966.430	6200	0	24258	0.0046	-0.0018	0.0011	2.68E+06	0.552
				3967.430	6199	0	24330	0.0046	-0.0018	0.0011	2.68E+06	0.556
				3968.430	6200	0	24367	0.0046	-0.0018	0.0011	2.71E+06	0.564
				3969.430	6201	0	24367	0.0046	-0.0018	0.0011	2.73E+06	0.573
				3970.430	6200	0	24367	0.0046	-0.0018	0.0011	2.79E+06	0.578
				3971.430	6200	0	24367	0.0046	-0.0018	0.0011	2.78E+06	0.582
				3972.430	6201	0	24403	0.0046	-0.0018	0.0011	2.80E+06	0.593
				3973.430	6201	0	24367	0.0046	-0.0018	0.0011	2.80E+06	0.598
				3974.430	6200	0	24439	0.0046	-0.0018	0.0011	2.80E+06	0.602
				3975.430	6202	0	24439	0.0046	-0.0018	0.0010	2.81E+06	0.605

3976.430	6201	0	24403	0.0046	-0.0018	0.0010	2.77E+06	0.607
3977.430	6204	0	24476	0.0046	-0.0018	0.0011	2.83E+06	0.611
3978.430	6201	0	24403	0.0046	-0.0018	0.0011	2.82E+06	0.612
3979.430	6199	0	24512	0.0046	-0.0018	0.0011	2.80E+06	0.611
3980.430	6199	0	24403	0.0046	-0.0018	0.0011	2.85E+06	0.617
3981.430	6199	0	24476	0.0047	-0.0018	0.0011	2.83E+06	0.620
3982.430	6200	0	24512	0.0046	-0.0018	0.0010	2.78E+06	0.616
3983.430	6199	0	24512	0.0047	-0.0018	0.0011	2.78E+06	0.621
3984.430	6199	0	24548	0.0047	-0.0018	0.0011	2.79E+06	0.626
3985.430	6200	0	24621	0.0047	-0.0018	0.0010	2.81E+06	0.631
3986.430	6199	0	24584	0.0047	-0.0018	0.0011	2.80E+06	0.633
3987.430	6199	0	24512	0.0047	-0.0018	0.0010	2.82E+06	0.631
3988.430	6199	0	24548	0.0047	-0.0018	0.0011	2.73E+06	0.620
3989.430	6199	0	24657	0.0047	-0.0018	0.0011	2.72E+06	0.623
3990.430	6199	0	24621	0.0047	-0.0018	0.0010	2.68E+06	0.619
3991.430	6202	0	24657	0.0047	-0.0018	0.0010	2.69E+06	0.623
3992.430	6201	0	24657	0.0047	-0.0018	0.0010	2.63E+06	0.623
3993.430	6199	0	24657	0.0047	-0.0018	0.0010	2.59E+06	0.622
3994.430	6200	0	24693	0.0047	-0.0018	0.0010	2.60E+06	0.621
3995.430	6199	0	24730	0.0047	-0.0018	0.0010	2.62E+06	0.623
3996.430	6201	0	24730	0.0047	-0.0018	0.0010	2.62E+06	0.624
3997.420	6199	0	24693	0.0047	-0.0018	0.0010	2.63E+06	0.628
3998.420	6199	0	24693	0.0047	-0.0018	0.0010	2.62E+06	0.631
3999.420	6199	0	24693	0.0047	-0.0019	0.0010	2.60E+06	0.633
4000.420	6199	0	24730	0.0047	-0.0019	0.0010	2.56E+06	0.629
4001.420	6199	0	24693	0.0047	-0.0019	0.0010	2.57E+06	0.636
4002.420	6199	0	24839	0.0047	-0.0019	0.0010	2.57E+06	0.642
4003.420	6199	0	24802	0.0048	-0.0019	0.0010	2.57E+06	0.645
4004.420	6201	0	24802	0.0048	-0.0019	0.0010	2.51E+06	0.645
4005.420	6200	0	24839	0.0048	-0.0019	0.0010	2.49E+06	0.646
4006.420	6199	0	24766	0.0048	-0.0019	0.0010	2.40E+06	0.644
4007.420	6199	0	24839	0.0048	-0.0019	0.0010	2.36E+06	0.643
4008.420	6199	0	24839	0.0048	-0.0019	0.0010	2.39E+06	0.651
4009.420	6199	0	24839	0.0048	-0.0019	0.0010	2.37E+06	0.652
4010.420	6199	0	24911	0.0048	-0.0019	0.0010	2.38E+06	0.655
4011.420	6200	0	24839	0.0048	-0.0019	0.0010	2.41E+06	0.662
4012.420	6200	0	24911	0.0048	-0.0019	0.0010	2.37E+06	0.654
4013.420	6201	0	24911	0.0048	-0.0019	0.0010	2.37E+06	0.658
4014.420	6200	0	24875	0.0048	-0.0019	0.0010	2.33E+06	0.661
4015.420	6199	0	24948	0.0048	-0.0019	0.0010	2.35E+06	0.660
4016.420	6202	0	24948	0.0048	-0.0019	0.0010	2.36E+06	0.662
4017.420	6199	0	24911	0.0048	-0.0019	0.0010	2.38E+06	0.670
4018.420	6199	0	24911	0.0048	-0.0019	0.0010	2.38E+06	0.674
4019.420	6201	0	25020	0.0049	-0.0019	0.0010	2.38E+06	0.683
4020.420	6199	0	25020	0.0048	-0.0019	0.0010	2.42E+06	0.687
4021.420	6199	0	25020	0.0048	-0.0019	0.0010	2.43E+06	0.688
4022.420	6199	0	25020	0.0048	-0.0019	0.0010	2.43E+06	0.689
4023.420	6200	0	24984	0.0048	-0.0019	0.0010	2.42E+06	0.691
4024.420	6201	0	25020	0.0048	-0.0019	0.0010	2.39E+06	0.693
4025.420	6200	0	25020	0.0049	-0.0019	0.0010	2.39E+06	0.701
4026.420	6201	0	25020	0.0049	-0.0019	0.0010	2.38E+06	0.702
4027.420	6200	0	25057	0.0049	-0.0019	0.0010	2.36E+06	0.708
4028.410	6199	0	25057	0.0049	-0.0019	0.0010	2.41E+06	0.711
4029.410	6200	0	25057	0.0049	-0.0019	0.0010	2.43E+06	0.713
4030.410	6200	0	25020	0.0049	-0.0019	0.0010	2.38E+06	0.699
4031.410	6200	0	25057	0.0049	-0.0020	0.0010	2.43E+06	0.706
4032.410	6200	0	25093	0.0049	-0.0020	0.0010	2.44E+06	0.714
4033.410	6202	0	25165	0.0049	-0.0020	0.0010	2.46E+06	0.717
4034.410	6200	0	25129	0.0049	-0.0020	0.0010	2.51E+06	0.726
4035.410	6200	0	25165	0.0049	-0.0020	0.0010	2.53E+06	0.733
4036.410	6200	0	25129	0.0049	-0.0020	0.0010	2.55E+06	0.732
4037.410	6201	0	25165	0.0049	-0.0020	0.0010	2.59E+06	0.738
4038.410	6200	0	25238	0.0049	-0.0020	0.0010	2.65E+06	0.745
4039.410	6200	0	25165	0.0049	-0.0020	0.0010	2.63E+06	0.740
4040.410	6201	0	25238	0.0049	-0.0020	0.0010	2.59E+06	0.738
4041.410	6200	0	25238	0.0049	-0.0020	0.0010	2.63E+06	0.743
4042.410	6200	0	25202	0.0049	-0.0020	0.0009	2.59E+06	0.737
4043.410	6201	0	25238	0.0049	-0.0020	0.0009	2.62E+06	0.740
4044.410	6200	0	25202	0.0049	-0.0020	0.0009	2.59E+06	0.740
4045.410	6199	0	25311	0.0050	-0.0020	0.0009	2.57E+06	0.733
4046.410	6199	0	25274	0.0050	-0.0020	0.0009	2.55E+06	0.733
4047.410	6202	0	25274	0.0050	-0.0020	0.0009	2.58E+06	0.731
4048.410	6199	0	25274	0.0050	-0.0020	0.0009	2.50E+06	0.726
4049.410	6200	0	25311	0.0050	-0.0020	0.0009	2.51E+06	0.730
4050.410	6200	0	25347	0.0050	-0.0020	0.0009	2.51E+06	0.734
4051.410	6201	0	25347	0.0050	-0.0020	0.0009	2.49E+06	0.731

				4052.410	6200	0	25347	0.0050	-0.0020	0.0009	2.48E+06	0.736
				4053.410	6199	0	25383	0.0050	-0.0020	0.0009	2.49E+06	0.739
				4054.410	6199	0	25420	0.0050	-0.0020	0.0009	2.39E+06	0.727
				4055.410	6200	0	25383	0.0050	-0.0020	0.0009	2.38E+06	0.727
				4056.410	6200	0	25420	0.0050	-0.0020	0.0009	2.33E+06	0.727
				4057.410	6201	0	25456	0.0050	-0.0020	0.0009	2.26E+06	0.722
				4058.410	6201	0	25456	0.0050	-0.0021	0.0009	2.23E+06	0.723
				4059.400	6199	0	25529	0.0050	-0.0021	0.0009	2.24E+06	0.729
				4060.400	6200	0	25456	0.0050	-0.0021	0.0009	2.19E+06	0.722
				4061.400	6200	0	25492	0.0051	-0.0021	0.0009	2.18E+06	0.724
				4062.400	6200	0	25565	0.0050	-0.0021	0.0009	2.14E+06	0.728
				4063.400	6201	0	25565	0.0050	-0.0021	0.0009	2.10E+06	0.723
				4064.400	6201	0	25529	0.0050	-0.0021	0.0009	2.10E+06	0.725
				4065.400	6199	0	25492	0.0051	-0.0021	0.0009	2.08E+06	0.727
				4066.400	6201	0	25565	0.0050	-0.0021	0.0009	2.06E+06	0.728
				4067.400	6200	0	25529	0.0051	-0.0021	0.0009	2.07E+06	0.733
				4068.400	6199	0	25638	0.0051	-0.0021	0.0009	2.06E+06	0.738
				4069.400	6200	0	25565	0.0051	-0.0021	0.0009	2.04E+06	0.741
				4070.400	6200	0	25565	0.0051	-0.0021	0.0009	2.01E+06	0.744
				4071.400	6199	0	25529	0.0051	-0.0021	0.0009	2.00E+06	0.746
				4072.400	6199	0	25638	0.0051	-0.0021	0.0009	1.98E+06	0.743
				4073.400	6199	0	25529	0.0051	-0.0021	0.0009	1.97E+06	0.747
				4074.400	6199	0	25638	0.0051	-0.0021	0.0009	1.96E+06	0.754
				4075.400	6199	0	25638	0.0051	-0.0021	0.0009	1.94E+06	0.755
				4076.400	6200	0	25638	0.0051	-0.0021	0.0009	1.94E+06	0.760
				4077.400	6199	0	25638	0.0051	-0.0021	0.0008	1.95E+06	0.761
				4078.400	6199	0	25674	0.0051	-0.0021	0.0009	1.92E+06	0.764
				4079.400	6201	0	25601	0.0052	-0.0021	0.0009	1.94E+06	0.768
				4080.400	6202	0	25710	0.0051	-0.0021	0.0009	1.96E+06	0.771
				4081.400	6200	0	25674	0.0051	-0.0021	0.0009	1.89E+06	0.764
				4082.400	6202	0	25638	0.0051	-0.0021	0.0009	1.85E+06	0.763
				4083.400	6201	0	25674	0.0051	-0.0021	0.0009	1.83E+06	0.761
				4084.400	6200	0	25674	0.0051	-0.0021	0.0008	1.82E+06	0.761
				4085.400	6202	0	25710	0.0052	-0.0022	0.0009	1.88E+06	0.773
				4086.400	6199	0	25710	0.0052	-0.0022	0.0008	1.89E+06	0.778
				4087.400	6200	0	25674	0.0052	-0.0022	0.0008	1.90E+06	0.778
				4088.400	6199	0	25747	0.0052	-0.0022	0.0008	1.97E+06	0.789
				4089.400	6201	0	25710	0.0052	-0.0022	0.0008	2.03E+06	0.797
				4090.390	6199	0	25783	0.0052	-0.0022	0.0008	2.05E+06	0.796
				4091.390	6199	0	25747	0.0052	-0.0022	0.0008	2.02E+06	0.792
				4092.390	6200	0	25783	0.0052	-0.0022	0.0008	2.05E+06	0.801
				4093.390	6200	0	25819	0.0052	-0.0022	0.0008	2.02E+06	0.799
				4094.390	6199	0	25783	0.0052	-0.0022	0.0008	2.09E+06	0.804
				4095.390	6201	0	25819	0.0052	-0.0022	0.0008	2.07E+06	0.802
				4096.390	6200	0	25783	0.0052	-0.0022	0.0008	2.03E+06	0.793
				4097.390	6199	0	25855	0.0052	-0.0022	0.0008	2.02E+06	0.788
				4098.390	6200	0	25855	0.0052	-0.0022	0.0008	2.02E+06	0.785
				4099.390	6200	0	25855	0.0052	-0.0022	0.0008	1.99E+06	0.784
				4100.390	6199	0	25855	0.0052	-0.0022	0.0008	2.02E+06	0.787
				4101.390	6199	0	25855	0.0052	-0.0022	0.0008	2.06E+06	0.788
				4102.390	6200	0	25928	0.0052	-0.0022	0.0008	2.08E+06	0.787
				4103.390	6199	0	25892	0.0052	-0.0022	0.0008	2.09E+06	0.789
				4104.390	6200	0	25928	0.0052	-0.0022	0.0008	2.14E+06	0.798
				4105.390	6201	0	25928	0.0052	-0.0022	0.0008	2.10E+06	0.792
				4106.390	6201	0	25855	0.0052	-0.0022	0.0008	2.12E+06	0.793
				4107.390	6199	0	25855	0.0053	-0.0022	0.0008	2.14E+06	0.794
				4108.390	6201	0	25892	0.0053	-0.0022	0.0008	2.07E+06	0.784
				4109.390	6200	0	25928	0.0053	-0.0022	0.0008	2.06E+06	0.786
				4110.390	6201	0	25964	0.0053	-0.0022	0.0008	2.03E+06	0.790
				4111.390	6199	0	25964	0.0053	-0.0022	0.0008	1.99E+06	0.785
				4112.390	6200	0	26001	0.0053	-0.0022	0.0008	1.99E+06	0.787
				4113.390	6199	0	25964	0.0053	-0.0023	0.0008	1.97E+06	0.790
				4114.390	6199	0	26001	0.0053	-0.0023	0.0008	1.96E+06	0.790
				4115.390	6200	0	26037	0.0053	-0.0023	0.0008	1.93E+06	0.782
				4116.390	6202	0	26001	0.0053	-0.0023	0.0008	1.94E+06	0.784
				4117.390	6201	0	26001	0.0053	-0.0023	0.0007	1.92E+06	0.780
				4118.390	6200	0	26001	0.0053	-0.0023	0.0007	1.93E+06	0.786
				4119.390	6198	0	26037	0.0053	-0.0023	0.0008	1.97E+06	0.789
				4120.390	6199	0	26001	0.0053	-0.0023	0.0008	1.94E+06	0.789
				4121.380	6199	0	26037	0.0053	-0.0023	0.0008	1.96E+06	0.790
				4122.380	6202	0	26110	0.0053	-0.0023	0.0008	1.98E+06	0.795
				4123.380	6201	0	26037	0.0053	-0.0023	0.0007	1.99E+06	0.796
				4124.380	6202	0	26073	0.0053	-0.0023	0.0007	2.02E+06	0.804
				4125.380	6199	0	26110	0.0053	-0.0023	0.0007	2.06E+06	0.813
				4126.380	6200	0	26146	0.0053	-0.0023	0.0007	2.05E+06	0.812
				4127.380	6199	0	26146	0.0053	-0.0023	0.0007	2.06E+06	0.807

4128.380	6199	0	26146	0.0054	-0.0023	0.0007	2.09E+06	0.812
4129.380	6199	0	26146	0.0053	-0.0023	0.0007	2.09E+06	0.816
4130.380	6202	0	26146	0.0053	-0.0023	0.0007	2.14E+06	0.826
4131.380	6200	0	26146	0.0054	-0.0023	0.0007	2.17E+06	0.830
4132.380	6201	0	26182	0.0054	-0.0023	0.0007	2.12E+06	0.823
4133.380	6199	0	26146	0.0054	-0.0023	0.0007	2.07E+06	0.816
4134.380	6200	0	26182	0.0054	-0.0023	0.0007	2.04E+06	0.818
4135.380	6199	0	26146	0.0054	-0.0023	0.0007	2.03E+06	0.821
4136.380	6200	0	26146	0.0054	-0.0023	0.0007	2.04E+06	0.828
4137.380	6199	0	26219	0.0054	-0.0023	0.0007	2.06E+06	0.829
4138.380	6198	0	26219	0.0054	-0.0023	0.0007	2.04E+06	0.831
4139.380	6200	0	26219	0.0054	-0.0024	0.0007	2.03E+06	0.833
4140.380	6199	0	26255	0.0054	-0.0024	0.0007	2.06E+06	0.841
4141.380	6199	0	26255	0.0054	-0.0024	0.0007	2.08E+06	0.847
4142.380	6199	0	26255	0.0054	-0.0024	0.0007	2.07E+06	0.849
4143.380	6200	0	26255	0.0054	-0.0024	0.0007	2.05E+06	0.850
4144.380	6201	0	26328	0.0054	-0.0024	0.0007	2.02E+06	0.845
4145.380	6201	0	26255	0.0054	-0.0024	0.0007	2.04E+06	0.843
4146.380	6199	0	26328	0.0054	-0.0024	0.0007	2.03E+06	0.844
4147.380	6202	0	26364	0.0054	-0.0024	0.0007	1.97E+06	0.841
4148.380	6200	0	26328	0.0054	-0.0024	0.0007	1.96E+06	0.839
4149.380	6200	0	26328	0.0054	-0.0024	0.0006	1.94E+06	0.838
4150.380	6201	0	26364	0.0054	-0.0024	0.0006	1.91E+06	0.838
4151.380	6200	0	26328	0.0055	-0.0024	0.0007	1.88E+06	0.832
4152.380	6201	0	26400	0.0055	-0.0024	0.0007	1.90E+06	0.836
4153.370	6199	0	26328	0.0055	-0.0024	0.0007	1.86E+06	0.833
4154.370	6199	0	26364	0.0054	-0.0024	0.0006	1.88E+06	0.834
4155.370	6200	0	26400	0.0055	-0.0024	0.0006	1.90E+06	0.843
4156.370	6199	0	26400	0.0055	-0.0024	0.0006	1.85E+06	0.838
4157.370	6199	0	26400	0.0055	-0.0024	0.0006	1.80E+06	0.828
4158.370	6201	0	26437	0.0055	-0.0024	0.0006	1.79E+06	0.832
4159.370	6200	0	26364	0.0055	-0.0024	0.0006	1.76E+06	0.826
4160.370	6199	0	26437	0.0055	-0.0024	0.0006	1.76E+06	0.827
4161.370	6199	0	26400	0.0055	-0.0024	0.0006	1.73E+06	0.830
4162.370	6201	0	26473	0.0055	-0.0024	0.0006	1.70E+06	0.823
4163.370	6200	0	26400	0.0055	-0.0025	0.0006	1.66E+06	0.817
4164.370	6201	0	26473	0.0055	-0.0025	0.0006	1.68E+06	0.822
4165.370	6202	0	26473	0.0055	-0.0025	0.0006	1.67E+06	0.821
4166.370	6201	0	26473	0.0055	-0.0025	0.0006	1.68E+06	0.819
4167.370	6201	0	26473	0.0055	-0.0025	0.0006	1.66E+06	0.819
4168.370	6203	0	26473	0.0055	-0.0025	0.0006	1.65E+06	0.812
4169.370	6199	0	26509	0.0055	-0.0025	0.0006	1.64E+06	0.811
4170.370	6200	0	26582	0.0055	-0.0025	0.0006	1.68E+06	0.817
4171.370	6199	0	26545	0.0055	-0.0025	0.0006	1.67E+06	0.822
4172.370	6200	0	26473	0.0055	-0.0025	0.0006	1.71E+06	0.822
4173.370	6199	0	26509	0.0055	-0.0025	0.0006	1.75E+06	0.823
4174.370	6201	0	26545	0.0056	-0.0025	0.0006	1.76E+06	0.825
4175.370	6201	0	26545	0.0056	-0.0025	0.0006	1.78E+06	0.828
4176.370	6200	0	26545	0.0056	-0.0025	0.0006	1.83E+06	0.831
4177.370	6199	0	26545	0.0056	-0.0025	0.0006	1.83E+06	0.834
4178.370	6199	0	26509	0.0056	-0.0025	0.0006	1.86E+06	0.829
4179.370	6200	0	26618	0.0056	-0.0025	0.0005	1.82E+06	0.829
4180.370	6201	0	26582	0.0056	-0.0025	0.0005	1.84E+06	0.838
4181.370	6201	0	26545	0.0056	-0.0025	0.0006	1.84E+06	0.837
4182.370	6201	0	26582	0.0056	-0.0025	0.0006	1.87E+06	0.835
4183.370	6202	0	26582	0.0056	-0.0025	0.0005	1.86E+06	0.834
4184.360	6200	0	26618	0.0056	-0.0025	0.0005	1.88E+06	0.833
4185.360	6199	0	26654	0.0056	-0.0025	0.0005	1.88E+06	0.840
4186.360	6199	0	26618	0.0056	-0.0025	0.0005	1.92E+06	0.845
4187.360	6199	0	26691	0.0056	-0.0025	0.0005	1.88E+06	0.841
4188.360	6200	0	26618	0.0056	-0.0025	0.0005	1.89E+06	0.839
4189.360	6200	0	26691	0.0056	-0.0025	0.0005	1.88E+06	0.842
4190.360	6201	0	26691	0.0056	-0.0026	0.0005	1.89E+06	0.844
4191.360	6199	0	26727	0.0056	-0.0026	0.0005	1.92E+06	0.851
4192.360	6199	0	26654	0.0056	-0.0026	0.0005	1.95E+06	0.852
4193.360	6199	0	26727	0.0057	-0.0026	0.0005	1.96E+06	0.853
4194.360	6199	0	26727	0.0057	-0.0026	0.0005	1.98E+06	0.850
4195.360	6202	0	26727	0.0056	-0.0026	0.0005	2.02E+06	0.850
4196.360	6200	0	26727	0.0056	-0.0026	0.0005	2.08E+06	0.851
4197.360	6202	0	26800	0.0057	-0.0026	0.0005	2.16E+06	0.859
4198.360	6200	0	26763	0.0057	-0.0026	0.0005	2.13E+06	0.853
4199.360	6199	0	26763	0.0057	-0.0026	0.0005	2.14E+06	0.850
4200.360	6199	0	26800	0.0057	-0.0026	0.0005	2.17E+06	0.846
4201.360	6199	0	26836	0.0057	-0.0026	0.0005	2.18E+06	0.847
4202.360	6200	0	26800	0.0057	-0.0026	0.0005	2.17E+06	0.846
4203.360	6199	0	26836	0.0057	-0.0026	0.0005	2.19E+06	0.852

				4204.360	6199	0	26763	0.0057	-0.0026	0.0005	2.17E+06	0.853
				4205.360	6200	0	26836	0.0057	-0.0026	0.0005	2.21E+06	0.864
				4206.360	6200	0	26800	0.0057	-0.0026	0.0005	2.22E+06	0.866
				4207.360	6200	0	26872	0.0057	-0.0026	0.0005	2.22E+06	0.869
				4208.360	6199	0	26836	0.0057	-0.0026	0.0004	2.21E+06	0.870
				4209.360	6199	0	26872	0.0057	-0.0026	0.0004	2.16E+06	0.872
				4210.360	6201	0	26872	0.0057	-0.0026	0.0004	2.20E+06	0.876
				4211.360	6201	0	26909	0.0057	-0.0026	0.0005	2.20E+06	0.875
				4212.360	6201	0	26872	0.0058	-0.0027	0.0005	2.15E+06	0.869
				4213.360	6200	0	26872	0.0057	-0.0027	0.0004	2.12E+06	0.868
				4214.350	6200	0	26909	0.0057	-0.0027	0.0004	2.12E+06	0.870
				4215.350	6201	0	26909	0.0057	-0.0027	0.0004	2.14E+06	0.880
				4216.350	6200	0	26945	0.0057	-0.0027	0.0004	2.14E+06	0.872
				4217.350	6200	0	26981	0.0058	-0.0027	0.0004	2.17E+06	0.876
				4218.350	6202	0	26981	0.0058	-0.0027	0.0004	2.14E+06	0.871
				4219.350	6200	0	27018	0.0058	-0.0027	0.0004	2.14E+06	0.874
				4220.350	6199	0	27054	0.0058	-0.0027	0.0004	2.13E+06	0.873
				4221.350	6200	0	27054	0.0058	-0.0027	0.0004	2.14E+06	0.880
				4222.350	6201	0	27090	0.0058	-0.0027	0.0004	2.17E+06	0.890
				4223.350	6200	0	27054	0.0058	-0.0027	0.0004	2.19E+06	0.888
				4224.350	6201	0	27090	0.0058	-0.0027	0.0004	2.15E+06	0.884
				4225.350	6201	0	27126	0.0058	-0.0027	0.0004	2.12E+06	0.884
				4226.350	6199	0	27090	0.0058	-0.0027	0.0004	2.10E+06	0.884
				4227.350	6199	0	27090	0.0058	-0.0027	0.0004	2.12E+06	0.888
				4228.350	6198	0	27126	0.0058	-0.0027	0.0004	2.09E+06	0.889
				4229.350	6199	0	27126	0.0058	-0.0027	0.0004	2.07E+06	0.887
				4230.350	6200	0	27126	0.0058	-0.0027	0.0004	2.00E+06	0.889
				4231.350	6200	0	27163	0.0059	-0.0027	0.0004	2.00E+06	0.899
				4232.350	6201	0	27199	0.0058	-0.0027	0.0003	1.96E+06	0.901
				4233.350	6200	0	27163	0.0058	-0.0028	0.0003	1.95E+06	0.903
				4234.350	6200	0	27126	0.0059	-0.0028	0.0003	1.92E+06	0.906
				4235.350	6199	0	27272	0.0059	-0.0028	0.0003	1.88E+06	0.906
				4236.350	6199	0	27199	0.0059	-0.0028	0.0003	1.85E+06	0.909
				4237.350	6199	0	27199	0.0059	-0.0028	0.0003	1.86E+06	0.912
				4238.350	6199	0	27163	0.0059	-0.0028	0.0003	1.81E+06	0.912
				4239.350	6199	0	27272	0.0059	-0.0028	0.0003	1.77E+06	0.911
				4240.350	6202	0	27235	0.0059	-0.0028	0.0003	1.74E+06	0.914
				4241.350	6200	0	27308	0.0059	-0.0028	0.0003	1.69E+06	0.917
				4242.350	6201	0	27308	0.0059	-0.0028	0.0003	1.64E+06	0.916
				4243.350	6200	0	27308	0.0059	-0.0028	0.0003	1.60E+06	0.917
				4244.350	6199	0	27308	0.0059	-0.0028	0.0003	1.59E+06	0.919
				4245.350	6200	0	27308	0.0059	-0.0028	0.0003	1.59E+06	0.923
				4246.340	6201	0	27308	0.0059	-0.0028	0.0003	1.62E+06	0.931
				4247.340	6200	0	27381	0.0059	-0.0028	0.0003	1.64E+06	0.941
				4248.340	6201	0	27381	0.0060	-0.0028	0.0003	1.65E+06	0.948
				4249.340	6203	0	27308	0.0060	-0.0028	0.0003	1.62E+06	0.946
				4250.340	6200	0	27308	0.0059	-0.0028	0.0003	1.60E+06	0.944
				4251.340	6199	0	27344	0.0059	-0.0028	0.0003	1.58E+06	0.943
				4252.340	6199	0	27381	0.0060	-0.0029	0.0002	1.54E+06	0.941
				4253.340	6199	0	27344	0.0060	-0.0029	0.0003	1.50E+06	0.941
				4254.340	6200	0	27381	0.0060	-0.0029	0.0003	1.48E+06	0.942
				4255.340	6202	0	27308	0.0060	-0.0029	0.0002	1.48E+06	0.951
				4256.340	6201	0	27381	0.0060	-0.0029	0.0002	1.45E+06	0.951
				4257.340	6201	0	27381	0.0060	-0.0029	0.0002	1.42E+06	0.947
				4258.340	6199	0	27381	0.0060	-0.0029	0.0002	1.45E+06	0.958
				4259.340	6199	0	27417	0.0060	-0.0029	0.0002	1.46E+06	0.964
				4260.340	6200	0	27381	0.0060	-0.0029	0.0002	1.39E+06	0.964
				4261.340	6201	0	27417	0.0060	-0.0029	0.0002	1.43E+06	0.975
				4262.340	6199	0	27490	0.0060	-0.0029	0.0002	1.40E+06	0.977
				4263.340	6200	0	27417	0.0060	-0.0029	0.0002	1.38E+06	0.973
				4264.340	6201	0	27453	0.0060	-0.0029	0.0002	1.31E+06	0.972
				4265.340	6199	0	27453	0.0060	-0.0029	0.0002	1.35E+06	0.984
				4266.340	6200	0	27453	0.0060	-0.0029	0.0002	1.30E+06	0.990
				4267.340	6199	0	27417	0.0060	-0.0029	0.0002	1.32E+06	0.988
				4268.340	6200	0	27417	0.0060	-0.0029	0.0002	1.32E+06	0.993
				4269.340	6199	0	27490	0.0060	-0.0029	0.0002	1.34E+06	0.994
				4270.340	6201	0	27526	0.0060	-0.0029	0.0002	1.38E+06	1.003
				4271.340	6199	0	27562	0.0060	-0.0029	0.0002	1.39E+06	1.002
				4272.340	6200	0	27526	0.0060	-0.0029	0.0001	1.39E+06	1.005
				4273.340	6200	0	27490	0.0061	-0.0030	0.0001	1.41E+06	1.004
				4274.340	6200	0	27490	0.0060	-0.0030	0.0001	1.44E+06	1.000
				4275.340	6199	0	27490	0.0061	-0.0030	0.0001	1.44E+06	0.999
				4276.340	6201	0	27490	0.0061	-0.0030	0.0001	1.41E+06	0.992
				4277.330	6200	0	27490	0.0061	-0.0030	0.0001	1.41E+06	0.994
				4278.330	6199	0	27490	0.0061	-0.0030	0.0001	1.37E+06	0.987
				4279.330	6202	0	27526	0.0061	-0.0030	0.0001	1.36E+06	0.981

4280.330	6201	0	27562	0.0061	-0.0030	0.0001	1.35E+06	0.976
4281.330	6201	0	27526	0.0061	-0.0030	0.0001	1.34E+06	0.971
4282.330	6199	0	27526	0.0061	-0.0030	0.0001	1.37E+06	0.984
4283.330	6199	0	27599	0.0061	-0.0030	0.0001	1.39E+06	0.984
4284.330	6200	0	27599	0.0061	-0.0030	0.0001	1.40E+06	0.989
4285.330	6199	0	27526	0.0061	-0.0030	0.0001	1.36E+06	0.971
4286.330	6199	0	27599	0.0061	-0.0030	0.0001	1.36E+06	0.970
4287.330	6200	0	27526	0.0061	-0.0030	0.0001	1.37E+06	0.974
4288.330	6199	0	27599	0.0061	-0.0030	0.0001	1.42E+06	0.968
4289.330	6199	0	27562	0.0061	-0.0030	0.0001	1.40E+06	0.961
4290.330	6199	0	27635	0.0061	-0.0030	0.0001	1.37E+06	0.954
4291.330	6201	0	27526	0.0061	-0.0030	0.0001	1.33E+06	0.944
4292.330	6199	0	27635	0.0061	-0.0030	0.0001	1.32E+06	0.939
4293.330	6200	0	27599	0.0061	-0.0030	0.0001	1.30E+06	0.935
4294.330	6199	0	27635	0.0061	-0.0030	0.0000	1.27E+06	0.936
4295.330	6199	0	27671	0.0062	-0.0030	0.0001	1.30E+06	0.939
4296.330	6201	0	27671	0.0062	-0.0031	0.0001	1.32E+06	0.937
4297.330	6200	0	27635	0.0062	-0.0031	0.0001	1.36E+06	0.935
4298.330	6200	0	27635	0.0062	-0.0031	0.0000	1.41E+06	0.942
4299.330	6202	0	27671	0.0062	-0.0031	0.0000	1.43E+06	0.944
4300.330	6200	0	27671	0.0062	-0.0031	0.0000	1.42E+06	0.944
4301.330	6200	0	27671	0.0062	-0.0031	0.0000	1.45E+06	0.948
4302.330	6200	0	27671	0.0062	-0.0031	0.0000	1.43E+06	0.951
4303.330	6199	0	27599	0.0062	-0.0031	0.0000	1.40E+06	0.946
4304.330	6199	0	27708	0.0062	-0.0031	0.0000	1.39E+06	0.946
4305.330	6201	0	27671	0.0062	-0.0031	0.0000	1.37E+06	0.947
4306.330	6201	0	27744	0.0062	-0.0031	0.0000	1.44E+06	0.958
4307.330	6200	0	27744	0.0062	-0.0031	0.0000	1.42E+06	0.959
4308.330	6198	0	27744	0.0062	-0.0031	0.0000	1.41E+06	0.961
4309.320	6199	0	27744	0.0062	-0.0031	0.0000	1.43E+06	0.953
4310.320	6200	0	27708	0.0062	-0.0031	0.0000	1.44E+06	0.953
4311.320	6200	0	27744	0.0062	-0.0031	0.0000	1.42E+06	0.955
4312.320	6200	0	27780	0.0062	-0.0031	0.0000	1.43E+06	0.964
4313.320	6201	0	27780	0.0062	-0.0031	0.0000	1.42E+06	0.969
4314.320	6199	0	27744	0.0063	-0.0031	0.0000	1.42E+06	0.973
4315.320	6199	0	27708	0.0063	-0.0031	0.0000	1.38E+06	0.970
4316.320	6200	0	27708	0.0062	-0.0031	0.0000	1.40E+06	0.975
4317.320	6200	0	27744	0.0062	-0.0031	0.0000	1.38E+06	0.982
4318.320	6200	0	27780	0.0062	-0.0031	-0.0001	1.39E+06	0.987
4319.320	6200	0	27780	0.0063	-0.0032	0.0000	1.40E+06	0.997
4320.320	6201	0	27816	0.0063	-0.0032	0.0000	1.40E+06	1.012
4321.320	6202	0	27780	0.0063	-0.0032	0.0000	1.43E+06	1.018
4322.320	6201	0	27816	0.0063	-0.0032	-0.0001	1.48E+06	1.024
4323.320	6200	0	27853	0.0063	-0.0032	-0.0001	1.47E+06	1.027
4324.320	6200	0	27853	0.0063	-0.0032	-0.0001	1.51E+06	1.024
4325.320	6199	0	27816	0.0063	-0.0032	-0.0001	1.57E+06	1.030
4326.320	6200	0	27889	0.0063	-0.0032	-0.0001	1.56E+06	1.037
4327.320	6201	0	27816	0.0063	-0.0032	-0.0001	1.54E+06	1.030
4328.320	6199	0	27816	0.0063	-0.0032	-0.0001	1.56E+06	1.040
4329.320	6200	0	27853	0.0063	-0.0032	-0.0001	1.50E+06	1.037
4330.320	6201	0	27816	0.0063	-0.0032	-0.0001	1.53E+06	1.035
4331.320	6199	0	27925	0.0063	-0.0032	-0.0001	1.51E+06	1.036
4332.320	6199	0	27853	0.0063	-0.0032	-0.0001	1.52E+06	1.033
4333.320	6200	0	27889	0.0063	-0.0032	-0.0001	1.54E+06	1.038
4334.320	6201	0	27889	0.0063	-0.0032	-0.0001	1.56E+06	1.043
4335.320	6199	0	27889	0.0063	-0.0032	-0.0001	1.61E+06	1.051
4336.320	6201	0	27889	0.0063	-0.0032	-0.0001	1.59E+06	1.047
4337.320	6199	0	27889	0.0063	-0.0032	-0.0001	1.59E+06	1.063
4338.320	6199	0	27925	0.0063	-0.0032	-0.0001	1.68E+06	1.094
4339.310	6199	0	27889	0.0063	-0.0032	-0.0001	1.68E+06	1.084
4340.310	6199	0	27889	0.0063	-0.0032	-0.0001	1.68E+06	1.082
4341.310	6200	0	27925	0.0063	-0.0032	-0.0002	1.65E+06	1.082
4342.310	6199	0	27962	0.0063	-0.0033	-0.0002	1.60E+06	1.074
4343.310	6201	0	27925	0.0064	-0.0033	-0.0002	1.60E+06	1.079
4344.310	6199	0	27962	0.0064	-0.0033	-0.0002	1.57E+06	1.079
4345.310	6200	0	27925	0.0064	-0.0033	-0.0002	1.55E+06	1.061
4346.310	6201	0	27962	0.0064	-0.0033	-0.0002	1.55E+06	1.059
4347.310	6200	0	28034	0.0064	-0.0033	-0.0002	1.55E+06	1.048
4348.310	6200	0	27962	0.0064	-0.0033	-0.0002	1.55E+06	1.042
4349.310	6200	0	28071	0.0064	-0.0033	-0.0002	1.57E+06	1.038
4350.310	6199	0	28071	0.0064	-0.0033	-0.0002	1.55E+06	1.039
4351.310	6200	0	27962	0.0064	-0.0033	-0.0002	1.48E+06	1.026
4352.310	6201	0	27998	0.0064	-0.0033	-0.0002	1.52E+06	1.022
4353.310	6199	0	28034	0.0064	-0.0033	-0.0002	1.49E+06	1.027
4354.310	6200	0	27998	0.0064	-0.0033	-0.0002	1.46E+06	1.023
4355.310	6203	0	28071	0.0064	-0.0033	-0.0002	1.46E+06	1.016

				4356.310	6199	0	28034	0.0064	-0.0033	-0.0002	1.42E+06	1.020
				4357.310	6199	0	28034	0.0064	-0.0033	-0.0002	1.46E+06	1.015
				4358.310	6199	0	28034	0.0064	-0.0033	-0.0002	1.46E+06	1.020
				4359.310	6200	0	28071	0.0064	-0.0033	-0.0003	1.48E+06	1.026
				4360.310	6199	0	28107	0.0064	-0.0033	-0.0003	1.47E+06	1.014
				4361.310	6199	0	28071	0.0064	-0.0033	-0.0003	1.49E+06	1.017
				4362.310	6200	0	28034	0.0064	-0.0033	-0.0003	1.46E+06	1.009
				4363.310	6201	0	28107	0.0064	-0.0034	-0.0003	1.44E+06	1.006
				4364.310	6200	0	28107	0.0065	-0.0034	-0.0003	1.43E+06	1.001
				4365.310	6202	0	28107	0.0064	-0.0034	-0.0003	1.42E+06	1.000
				4366.310	6201	0	28107	0.0064	-0.0034	-0.0003	1.41E+06	0.996
				4367.310	6199	0	28107	0.0065	-0.0034	-0.0003	1.39E+06	1.000
				4368.310	6200	0	28143	0.0065	-0.0034	-0.0003	1.41E+06	1.009
				4369.310	6199	0	28107	0.0065	-0.0034	-0.0003	1.36E+06	1.002
				4370.310	6200	0	28143	0.0065	-0.0034	-0.0003	1.34E+06	0.995
				4371.300	6201	0	28143	0.0065	-0.0034	-0.0003	1.31E+06	1.001
				4372.300	6199	0	28216	0.0065	-0.0034	-0.0003	1.32E+06	1.004
				4373.300	6199	0	28180	0.0065	-0.0034	-0.0003	1.33E+06	1.005
				4374.300	6199	0	28180	0.0065	-0.0034	-0.0003	1.27E+06	1.005
				4375.300	6199	0	28107	0.0065	-0.0034	-0.0003	1.27E+06	0.999
				4376.300	6200	0	28107	0.0065	-0.0034	-0.0003	1.30E+06	0.992
				4377.300	6201	0	28216	0.0065	-0.0034	-0.0003	1.28E+06	0.995
				4378.300	6201	0	28143	0.0065	-0.0034	-0.0004	1.29E+06	0.997
				4379.300	6202	0	28180	0.0065	-0.0034	-0.0003	1.31E+06	1.005
				4380.300	6199	0	28216	0.0065	-0.0034	-0.0003	1.31E+06	1.013
				4381.300	6199	0	28180	0.0065	-0.0034	-0.0004	1.31E+06	1.006
				4382.300	6199	0	28252	0.0065	-0.0034	-0.0004	1.27E+06	0.999
				4383.300	6200	0	28252	0.0065	-0.0035	-0.0004	1.28E+06	1.001
				4384.300	6200	0	28252	0.0065	-0.0035	-0.0004	1.26E+06	1.002
				4385.300	6201	0	28252	0.0066	-0.0035	-0.0004	1.27E+06	1.012
				4386.300	6202	0	28289	0.0066	-0.0035	-0.0004	1.31E+06	1.019
				4387.300	6200	0	28252	0.0066	-0.0035	-0.0004	1.34E+06	1.026
				4388.300	6201	0	28252	0.0066	-0.0035	-0.0004	1.32E+06	1.036
				4389.300	6202	0	28252	0.0066	-0.0035	-0.0004	1.36E+06	1.056
				4390.300	6199	0	28289	0.0066	-0.0035	-0.0004	1.38E+06	1.057
				4391.300	6200	0	28325	0.0066	-0.0035	-0.0004	1.43E+06	1.067
				4392.300	6201	0	28252	0.0066	-0.0035	-0.0004	1.45E+06	1.078
				4393.300	6200	0	28289	0.0066	-0.0035	-0.0004	1.43E+06	1.077
				4394.300	6199	0	28252	0.0066	-0.0035	-0.0004	1.46E+06	1.083
				4395.300	6202	0	28289	0.0066	-0.0035	-0.0004	1.44E+06	1.092
				4396.300	6200	0	28289	0.0066	-0.0035	-0.0004	1.43E+06	1.086
				4397.300	6199	0	28361	0.0066	-0.0035	-0.0004	1.43E+06	1.091
				4398.300	6199	0	28289	0.0066	-0.0035	-0.0004	1.46E+06	1.090
				4399.300	6199	0	28252	0.0066	-0.0035	-0.0004	1.45E+06	1.088
				4400.300	6199	0	28289	0.0066	-0.0035	-0.0005	1.43E+06	1.082
				4401.300	6199	0	28361	0.0066	-0.0035	-0.0005	1.41E+06	1.089
				4402.290	6201	0	28325	0.0066	-0.0035	-0.0005	1.36E+06	1.078
				4403.290	6199	0	28397	0.0066	-0.0036	-0.0005	1.36E+06	1.072
				4404.290	6199	0	28361	0.0066	-0.0036	-0.0005	1.33E+06	1.083
				4405.290	6202	0	28397	0.0066	-0.0036	-0.0005	1.32E+06	1.080
				4406.290	6200	0	28361	0.0067	-0.0036	-0.0005	1.30E+06	1.078
				4407.290	6201	0	28325	0.0067	-0.0036	-0.0005	1.29E+06	1.086
				4408.290	6199	0	28434	0.0066	-0.0036	-0.0005	1.26E+06	1.078
				4409.290	6199	0	28361	0.0067	-0.0036	-0.0005	1.22E+06	1.078
				4410.290	6199	0	28397	0.0067	-0.0036	-0.0005	1.22E+06	1.088
				4411.290	6201	0	28434	0.0067	-0.0036	-0.0005	1.20E+06	1.088
				4412.290	6199	0	28470	0.0067	-0.0036	-0.0005	1.21E+06	1.088
				4413.290	6199	0	28397	0.0067	-0.0036	-0.0005	1.21E+06	1.085
				4414.290	6199	0	28470	0.0067	-0.0036	-0.0006	1.21E+06	1.085
				4415.290	6199	0	28470	0.0067	-0.0036	-0.0005	1.19E+06	1.088
				4416.290	6200	0	28506	0.0067	-0.0036	-0.0006	1.16E+06	1.088
				4417.290	6200	0	28470	0.0067	-0.0036	-0.0006	1.16E+06	1.090
				4418.290	6203	0	28434	0.0067	-0.0036	-0.0006	1.16E+06	1.093
				4419.290	6200	0	28506	0.0067	-0.0036	-0.0006	1.17E+06	1.101
				4420.290	6200	0	28434	0.0067	-0.0036	-0.0006	1.14E+06	1.098
				4421.290	6200	0	28470	0.0067	-0.0037	-0.0006	1.11E+06	1.090
				4422.290	6200	0	28470	0.0067	-0.0037	-0.0006	1.11E+06	1.101
				4423.290	6199	0	28506	0.0067	-0.0037	-0.0006	1.15E+06	1.102
				4424.290	6200	0	28470	0.0067	-0.0037	-0.0006	1.11E+06	1.092
				4425.290	6200	0	28470	0.0067	-0.0037	-0.0006	1.07E+06	1.093
				4426.290	6199	0	28506	0.0067	-0.0037	-0.0006	1.03E+06	1.083
				4427.290	6200	0	28506	0.0068	-0.0037	-0.0006	1.03E+06	1.075
				4428.290	6201	0	28506	0.0068	-0.0037	-0.0006	1.03E+06	1.085
				4429.290	6200	0	28506	0.0068	-0.0037	-0.0006	1.06E+06	1.087
				4430.290	6200	0	28543	0.0068	-0.0037	-0.0006	1.07E+06	1.082
				4431.290	6200	0	28506	0.0068	-0.0037	-0.0006	1.10E+06	1.093

				4432.290	6200	0	28543	0.0068	-0.0037	-0.0007	1.12E+06	1.089
				4433.290	6199	0	28470	0.0068	-0.0037	-0.0006	1.09E+06	1.084
				4434.280	6203	0	28470	0.0068	-0.0037	-0.0006	1.13E+06	1.095
				4435.280	6201	0	28506	0.0068	-0.0037	-0.0007	1.10E+06	1.087
				4436.280	6199	0	28506	0.0068	-0.0037	-0.0007	1.09E+06	1.085
				4437.280	6200	0	28543	0.0068	-0.0037	-0.0007	1.10E+06	1.085
				4438.280	6202	0	28579	0.0068	-0.0037	-0.0007	1.12E+06	1.086
				4439.280	6200	0	28579	0.0068	-0.0037	-0.0007	1.06E+06	1.077
				4440.280	6199	0	28543	0.0068	-0.0037	-0.0007	1.05E+06	1.076
				4441.280	6199	0	28506	0.0068	-0.0038	-0.0007	1.07E+06	1.071
				4442.280	6199	0	28543	0.0068	-0.0038	-0.0007	1.09E+06	1.072
				4443.280	6199	0	28615	0.0068	-0.0038	-0.0007	1.08E+06	1.068
				4444.280	6202	0	28615	0.0068	-0.0038	-0.0007	1.06E+06	1.064
				4445.280	6199	0	28579	0.0068	-0.0038	-0.0007	1.08E+06	1.062
				4446.280	6202	0	28579	0.0068	-0.0038	-0.0007	1.03E+06	1.064
				4447.280	6199	0	28615	0.0068	-0.0038	-0.0007	1.02E+06	1.061
				4448.280	6199	0	28652	0.0069	-0.0038	-0.0007	1.01E+06	1.058
				4449.280	6199	0	28615	0.0069	-0.0038	-0.0007	1.01E+06	1.052
				4450.280	6199	0	28615	0.0068	-0.0038	-0.0008	9.97E+05	1.048
				4451.280	6201	0	28615	0.0069	-0.0038	-0.0007	9.45E+05	1.047
				4452.280	6201	0	28652	0.0069	-0.0038	-0.0008	9.63E+05	1.053
				4453.280	6199	0	28652	0.0069	-0.0038	-0.0008	9.48E+05	1.046
				4454.280	6200	0	28688	0.0069	-0.0038	-0.0008	9.48E+05	1.042
				4455.280	6199	0	28688	0.0069	-0.0038	-0.0008	9.38E+05	1.036
				4456.280	6200	0	28688	0.0069	-0.0038	-0.0008	9.61E+05	1.032
				4457.280	6201	0	28724	0.0069	-0.0038	-0.0008	9.70E+05	1.038
				4458.280	6199	0	28688	0.0069	-0.0038	-0.0008	9.63E+05	1.046
				4459.280	6200	0	28688	0.0069	-0.0038	-0.0008	9.42E+05	1.043
				4460.280	6201	0	28688	0.0069	-0.0039	-0.0008	9.16E+05	1.040
				4461.280	6200	0	28688	0.0069	-0.0039	-0.0008	9.32E+05	1.039
				4462.280	6199	0	28688	0.0069	-0.0039	-0.0008	9.25E+05	1.039
				4463.280	6200	0	28688	0.0069	-0.0039	-0.0008	8.99E+05	1.039
				4464.270	6200	0	28652	0.0070	-0.0039	-0.0008	9.22E+05	1.043
				4465.270	6199	0	28652	0.0070	-0.0039	-0.0008	9.18E+05	1.042
				4466.270	6200	0	28724	0.0069	-0.0039	-0.0008	9.12E+05	1.044
				4467.270	6200	0	28688	0.0069	-0.0039	-0.0008	8.80E+05	1.037
				4468.270	6199	0	28688	0.0070	-0.0039	-0.0008	8.80E+05	1.040
				4469.270	6201	0	28688	0.0070	-0.0039	-0.0008	9.08E+05	1.043
				4470.270	6201	0	28724	0.0070	-0.0039	-0.0009	9.06E+05	1.053
				4471.270	6200	0	28652	0.0070	-0.0039	-0.0008	9.09E+05	1.054
				4472.270	6198	0	28724	0.0070	-0.0039	-0.0009	9.02E+05	1.051
				4473.270	6199	0	28724	0.0070	-0.0039	-0.0009	9.12E+05	1.052
				4474.270	6199	0	28724	0.0070	-0.0039	-0.0009	9.47E+05	1.051
				4475.270	6199	0	28724	0.0070	-0.0039	-0.0009	9.27E+05	1.051
				4476.270	6201	0	28652	0.0070	-0.0039	-0.0009	9.64E+05	1.067
				4477.270	6199	0	28761	0.0070	-0.0039	-0.0009	9.99E+05	1.063
				4478.270	6201	0	28724	0.0070	-0.0039	-0.0009	9.80E+05	1.062
				4479.270	6199	0	28761	0.0070	-0.0040	-0.0009	1.01E+06	1.067
				4480.270	6200	0	28761	0.0070	-0.0040	-0.0009	1.03E+06	1.073
				4481.270	6200	0	28797	0.0070	-0.0040	-0.0009	1.05E+06	1.079
				4482.270	6200	0	28797	0.0070	-0.0040	-0.0009	1.09E+06	1.096
				4483.270	6199	0	28724	0.0070	-0.0040	-0.0009	1.14E+06	1.099
				4484.270	6200	0	28797	0.0070	-0.0040	-0.0009	1.16E+06	1.106
				4485.270	6200	0	28797	0.0070	-0.0040	-0.0009	1.22E+06	1.122
				4486.270	6200	0	28870	0.0070	-0.0040	-0.0010	1.23E+06	1.124
				4487.270	6201	0	28833	0.0071	-0.0040	-0.0009	1.22E+06	1.119
				4488.270	6200	0	28761	0.0070	-0.0040	-0.0010	1.23E+06	1.132
				4489.270	6199	0	28833	0.0070	-0.0040	-0.0010	1.26E+06	1.139
				4490.270	6200	0	28797	0.0071	-0.0040	-0.0010	1.26E+06	1.126
				4491.270	6201	0	28833	0.0071	-0.0040	-0.0010	1.24E+06	1.106
				4492.270	6200	0	28833	0.0071	-0.0040	-0.0010	1.23E+06	1.100
				4493.270	6199	0	28870	0.0071	-0.0040	-0.0010	1.20E+06	1.103
				4494.270	6200	0	28870	0.0071	-0.0040	-0.0010	1.21E+06	1.102
				4495.270	6199	0	28797	0.0071	-0.0040	-0.0010	1.23E+06	1.108
				4496.260	6200	0	28870	0.0071	-0.0040	-0.0010	1.22E+06	1.113
				4497.260	6200	0	28870	0.0071	-0.0041	-0.0010	1.21E+06	1.112
				4498.260	6199	0	28870	0.0071	-0.0041	-0.0010	1.20E+06	1.115
				4499.260	6199	0	28906	0.0071	-0.0041	-0.0010	1.19E+06	1.119
				4500.260	6199	0	28833	0.0071	-0.0041	-0.0010	1.20E+06	1.122
				4501.260	6199	0	28942	0.0071	-0.0041	-0.0010	1.21E+06	1.127
				4502.260	6201	0	28979	0.0071	-0.0041	-0.0010	1.17E+06	1.128
				4503.260	6201	0	28833	0.0071	-0.0041	-0.0010	1.17E+06	1.134
				4504.260	6200	0	28942	0.0071	-0.0041	-0.0010	1.14E+06	1.133
				4505.260	6200	0	28870	0.0071	-0.0041	-0.0011	1.15E+06	1.141
				4506.260	6200	0	28906	0.0071	-0.0041	-0.0011	1.14E+06	1.140
				4507.260	6201	0	28906	0.0071	-0.0041	-0.0011	1.14E+06	1.139

				4508.260	6199	0	28942	0.0071	-0.0041	-0.0011	1.13E+06	1.142
				4509.260	6200	0	28906	0.0071	-0.0041	-0.0011	1.09E+06	1.146
				4510.260	6201	0	28979	0.0071	-0.0041	-0.0011	1.09E+06	1.149
				4511.260	6202	0	28942	0.0072	-0.0041	-0.0011	1.06E+06	1.152
				4512.260	6200	0	28906	0.0072	-0.0041	-0.0011	1.08E+06	1.159
				4513.260	6200	0	28906	0.0072	-0.0041	-0.0011	1.07E+06	1.151
				4514.260	6199	0	28979	0.0072	-0.0041	-0.0011	1.02E+06	1.154
				4515.260	6200	0	29015	0.0072	-0.0042	-0.0011	1.01E+06	1.154
				4516.260	6200	0	29015	0.0072	-0.0042	-0.0011	9.93E+05	1.157
				4517.260	6200	0	28942	0.0072	-0.0042	-0.0011	9.73E+05	1.160
				4518.260	6199	0	28906	0.0072	-0.0042	-0.0011	9.61E+05	1.157
				4519.260	6200	0	29015	0.0072	-0.0042	-0.0011	9.83E+05	1.160
				4520.260	6199	0	29051	0.0072	-0.0042	-0.0012	9.81E+05	1.160
				4521.260	6199	0	28942	0.0072	-0.0042	-0.0012	9.73E+05	1.159
				4522.260	6199	0	29051	0.0072	-0.0042	-0.0012	9.57E+05	1.155
				4523.260	6200	0	28979	0.0072	-0.0042	-0.0012	9.53E+05	1.149
				4524.260	6199	0	28979	0.0072	-0.0042	-0.0012	9.60E+05	1.142
				4525.260	6201	0	29051	0.0072	-0.0042	-0.0012	9.64E+05	1.138
				4526.260	6200	0	29051	0.0072	-0.0042	-0.0012	9.17E+05	1.140
				4527.250	6201	0	29051	0.0072	-0.0042	-0.0012	9.67E+05	1.133
				4528.250	6200	0	29015	0.0072	-0.0042	-0.0012	1.01E+06	1.132
				4529.250	6201	0	29015	0.0072	-0.0042	-0.0012	9.44E+05	1.125
				4530.250	6200	0	29051	0.0072	-0.0042	-0.0012	9.40E+05	1.118
				4531.250	6199	0	29051	0.0073	-0.0042	-0.0012	9.27E+05	1.125
				4532.250	6199	0	29051	0.0073	-0.0042	-0.0012	9.37E+05	1.122
				4533.250	6200	0	29015	0.0073	-0.0043	-0.0012	9.25E+05	1.122
				4534.250	6200	0	29051	0.0073	-0.0043	-0.0013	9.25E+05	1.121
				4535.250	6200	0	29051	0.0073	-0.0043	-0.0013	8.88E+05	1.121
				4536.250	6199	0	29015	0.0073	-0.0043	-0.0013	8.82E+05	1.121
				4537.250	6201	0	29051	0.0073	-0.0043	-0.0013	8.72E+05	1.121
				4538.250	6200	0	29051	0.0073	-0.0043	-0.0013	8.58E+05	1.117
				4539.250	6200	0	29051	0.0073	-0.0043	-0.0013	8.44E+05	1.126
				4540.250	6198	0	29051	0.0073	-0.0043	-0.0013	8.74E+05	1.130
				4541.250	6199	0	29087	0.0073	-0.0043	-0.0013	9.10E+05	1.131
				4542.250	6200	0	29051	0.0073	-0.0043	-0.0013	9.08E+05	1.128
				4543.250	6201	0	29087	0.0073	-0.0043	-0.0013	8.89E+05	1.124
				4544.250	6200	0	29124	0.0073	-0.0043	-0.0013	8.31E+05	1.119
				4545.250	6199	0	29087	0.0073	-0.0043	-0.0013	8.37E+05	1.118
				4546.250	6201	0	29160	0.0073	-0.0043	-0.0013	8.44E+05	1.120
				4547.250	6199	0	29087	0.0073	-0.0043	-0.0013	8.07E+05	1.116
				4548.250	6200	0	29124	0.0073	-0.0043	-0.0013	8.43E+05	1.125
				4549.250	6199	0	29160	0.0073	-0.0043	-0.0013	8.25E+05	1.132
				4550.250	6199	0	29124	0.0073	-0.0043	-0.0013	7.81E+05	1.135
				4551.250	6199	0	29087	0.0073	-0.0044	-0.0014	7.68E+05	1.136
				4552.250	6200	0	29196	0.0074	-0.0044	-0.0013	7.67E+05	1.134
				4553.250	6200	0	29160	0.0074	-0.0044	-0.0014	7.87E+05	1.140
				4554.250	6199	0	29087	0.0074	-0.0044	-0.0014	7.86E+05	1.147
				4555.250	6201	0	29124	0.0074	-0.0044	-0.0014	7.73E+05	1.142
				4556.250	6200	0	29160	0.0074	-0.0044	-0.0014	7.96E+05	1.146
				4557.250	6201	0	29196	0.0074	-0.0044	-0.0014	8.48E+05	1.150
				4558.250	6199	0	29160	0.0074	-0.0044	-0.0014	8.41E+05	1.147
				4559.240	6199	0	29160	0.0074	-0.0044	-0.0014	8.01E+05	1.150
				4560.240	6201	0	29124	0.0074	-0.0044	-0.0014	8.13E+05	1.162
				4561.240	6199	0	29124	0.0074	-0.0044	-0.0014	8.11E+05	1.160
				4562.240	6200	0	29160	0.0074	-0.0044	-0.0014	8.09E+05	1.164
				4563.240	6199	0	29196	0.0074	-0.0044	-0.0014	8.09E+05	1.177
				4564.240	6200	0	29196	0.0074	-0.0044	-0.0014	7.93E+05	1.173
				4565.240	6200	0	29233	0.0074	-0.0044	-0.0014	8.10E+05	1.175
				4566.240	6199	0	29233	0.0074	-0.0044	-0.0015	8.05E+05	1.175
				4567.240	6199	0	29160	0.0074	-0.0044	-0.0015	8.11E+05	1.173
				4568.240	6200	0	29196	0.0074	-0.0044	-0.0015	7.97E+05	1.175
				4569.240	6201	0	29160	0.0074	-0.0045	-0.0015	7.94E+05	1.172
				4570.240	6199	0	29196	0.0074	-0.0045	-0.0015	7.92E+05	1.179
				4571.240	6200	0	29160	0.0075	-0.0045	-0.0015	7.80E+05	1.175
				4572.240	6199	0	29196	0.0075	-0.0045	-0.0015	8.40E+05	1.178
				4573.240	6200	0	29233	0.0074	-0.0045	-0.0015	8.21E+05	1.176
				4574.240	6201	0	29196	0.0075	-0.0045	-0.0015	8.34E+05	1.177
				4575.240	6200	0	29160	0.0075	-0.0045	-0.0015	8.43E+05	1.177
				4576.240	6199	0	29160	0.0075	-0.0045	-0.0015	8.48E+05	1.174
				4577.240	6199	0	29196	0.0075	-0.0045	-0.0015	8.19E+05	1.179
				4578.240	6202	0	29233	0.0075	-0.0045	-0.0015	8.60E+05	1.173
				4579.240	6200	0	29233	0.0075	-0.0045	-0.0015	8.70E+05	1.171
				4580.240	6200	0	29233	0.0075	-0.0045	-0.0015	8.61E+05	1.169
				4581.240	6200	0	29269	0.0075	-0.0045	-0.0015	8.95E+05	1.169
				4582.240	6200	0	29342	0.0075	-0.0045	-0.0016	8.96E+05	1.171
				4583.240	6200	0	29233	0.0075	-0.0045	-0.0016	8.79E+05	1.162

				4584.240	6201	0	29196	0.0075	-0.0045	-0.0016	8.99E+05	1.156
				4585.240	6199	0	29269	0.0075	-0.0045	-0.0016	9.06E+05	1.158
				4586.240	6200	0	29269	0.0075	-0.0046	-0.0016	9.22E+05	1.160
				4587.240	6199	0	29305	0.0075	-0.0046	-0.0016	9.19E+05	1.164
				4588.240	6199	0	29269	0.0075	-0.0046	-0.0016	9.20E+05	1.157
				4589.230	6202	0	29269	0.0075	-0.0046	-0.0016	9.41E+05	1.161
				4590.230	6200	0	29342	0.0075	-0.0046	-0.0016	9.62E+05	1.168
				4591.230	6200	0	29305	0.0075	-0.0046	-0.0016	1.02E+06	1.170
				4592.230	6201	0	29305	0.0076	-0.0046	-0.0016	1.06E+06	1.179
				4593.230	6199	0	29305	0.0076	-0.0046	-0.0016	1.04E+06	1.189
				4594.230	6199	0	29305	0.0076	-0.0046	-0.0016	1.06E+06	1.192
				4595.230	6199	0	29269	0.0076	-0.0046	-0.0017	1.03E+06	1.184
				4596.230	6200	0	29305	0.0076	-0.0046	-0.0016	1.00E+06	1.186
				4597.230	6199	0	29378	0.0076	-0.0046	-0.0017	9.81E+05	1.178
				4598.230	6200	0	29305	0.0076	-0.0046	-0.0017	9.41E+05	1.171
				4599.230	6201	0	29342	0.0076	-0.0046	-0.0017	9.53E+05	1.171
				4600.230	6200	0	29305	0.0076	-0.0046	-0.0017	9.60E+05	1.171
				4601.230	6200	0	29342	0.0076	-0.0046	-0.0017	9.18E+05	1.174
				4602.230	6200	0	29305	0.0076	-0.0047	-0.0017	8.64E+05	1.166
				4603.230	6202	0	29378	0.0076	-0.0047	-0.0017	8.27E+05	1.161
				4604.230	6201	0	29342	0.0076	-0.0047	-0.0017	8.23E+05	1.169
				4605.230	6200	0	29378	0.0076	-0.0047	-0.0017	8.15E+05	1.177
				4606.230	6200	0	29450	0.0076	-0.0047	-0.0017	8.00E+05	1.176
				4607.230	6200	0	29342	0.0076	-0.0047	-0.0017	7.99E+05	1.179
				4608.230	6200	0	29305	0.0076	-0.0047	-0.0017	8.60E+05	1.179
				4609.230	6201	0	29414	0.0076	-0.0047	-0.0017	8.29E+05	1.172
				4610.230	6200	0	29378	0.0076	-0.0047	-0.0018	7.83E+05	1.173
				4611.230	6200	0	29450	0.0076	-0.0047	-0.0018	7.71E+05	1.181
				4612.230	6200	0	29414	0.0076	-0.0047	-0.0018	7.33E+05	1.179
				4613.230	6202	0	29414	0.0077	-0.0047	-0.0018	7.10E+05	1.178
				4614.230	6200	0	29414	0.0077	-0.0047	-0.0018	6.91E+05	1.193
				4615.230	6200	0	29414	0.0077	-0.0047	-0.0018	6.57E+05	1.186
				4616.230	6201	0	29487	0.0077	-0.0047	-0.0018	6.78E+05	1.192
				4617.230	6200	0	29414	0.0077	-0.0047	-0.0018	6.64E+05	1.200
				4618.230	6200	0	29378	0.0077	-0.0047	-0.0018	6.58E+05	1.195
				4619.230	6201	0	29450	0.0077	-0.0048	-0.0018	6.10E+05	1.187
				4620.230	6199	0	29414	0.0077	-0.0048	-0.0018	5.80E+05	1.180
				4621.220	6201	0	29378	0.0077	-0.0048	-0.0018	5.29E+05	1.178
				4622.220	6200	0	29450	0.0077	-0.0048	-0.0018	5.11E+05	1.172
				4623.220	6200	0	29378	0.0077	-0.0048	-0.0018	5.06E+05	1.164
				4624.220	6199	0	29450	0.0077	-0.0048	-0.0018	4.31E+05	1.156
				4625.220	6199	0	29487	0.0077	-0.0048	-0.0018	4.06E+05	1.149
				4626.220	6199	0	29414	0.0077	-0.0048	-0.0019	3.50E+05	1.150
				4627.220	6201	0	29414	0.0077	-0.0048	-0.0019	3.41E+05	1.148
				4628.220	6201	0	29414	0.0077	-0.0048	-0.0019	3.11E+05	1.149
				4629.220	6200	0	29450	0.0077	-0.0048	-0.0019	2.97E+05	1.149
				4630.220	6199	0	29450	0.0077	-0.0048	-0.0019	2.80E+05	1.142
				4631.220	6200	0	29450	0.0077	-0.0048	-0.0019	2.46E+05	1.143
				4632.220	6199	0	29450	0.0077	-0.0048	-0.0019	2.79E+05	1.147
				4633.220	6199	0	29523	0.0078	-0.0048	-0.0019	2.58E+05	1.147
				4634.220	6199	0	29450	0.0078	-0.0048	-0.0019	2.51E+05	1.144
				4635.220	6200	0	29450	0.0078	-0.0048	-0.0019	2.57E+05	1.144
				4636.220	6200	0	29450	0.0078	-0.0048	-0.0019	2.45E+05	1.151
				4637.220	6200	0	29414	0.0078	-0.0049	-0.0019	2.66E+05	1.153
				4638.220	6199	0	29414	0.0078	-0.0049	-0.0019	2.88E+05	1.163
				4639.220	6199	0	29450	0.0078	-0.0049	-0.0019	3.04E+05	1.157
				4640.220	6200	0	29450	0.0078	-0.0049	-0.0019	3.03E+05	1.158
				4641.220	6199	0	29487	0.0078	-0.0049	-0.0020	3.16E+05	1.156
				4642.220	6199	0	29450	0.0078	-0.0049	-0.0020	3.47E+05	1.157
				4643.220	6202	0	29487	0.0078	-0.0049	-0.0020	3.44E+05	1.165
				4644.220	6200	0	29414	0.0078	-0.0049	-0.0020	3.19E+05	1.166
				4645.220	6201	0	29450	0.0078	-0.0049	-0.0020	3.33E+05	1.180
				4646.220	6199	0	29450	0.0078	-0.0049	-0.0020	3.74E+05	1.177
				4647.220	6200	0	29487	0.0078	-0.0049	-0.0020	3.77E+05	1.177
				4648.220	6199	0	29450	0.0078	-0.0049	-0.0020	4.10E+05	1.171
				4649.220	6200	0	29378	0.0078	-0.0049	-0.0020	4.08E+05	1.171
				4650.220	6200	0	29450	0.0079	-0.0049	-0.0020	4.33E+05	1.160
				4651.220	6200	0	29414	0.0078	-0.0049	-0.0020	4.58E+05	1.157
				4652.210	6201	0	29487	0.0078	-0.0049	-0.0020	4.69E+05	1.163
				4653.210	6198	0	29487	0.0079	-0.0049	-0.0020	4.58E+05	1.161
				4654.210	6199	0	29450	0.0079	-0.0049	-0.0020	4.62E+05	1.158
				4655.210	6200	0	29487	0.0079	-0.0050	-0.0020	4.81E+05	1.157
				4656.210	6199	0	29414	0.0079	-0.0050	-0.0021	5.16E+05	1.163
				4657.210	6199	0	29487	0.0079	-0.0050	-0.0021	5.18E+05	1.170
				4658.210	6201	0	29487	0.0079	-0.0050	-0.0021	5.33E+05	1.173
				4659.210	6201	0	29559	0.0079	-0.0050	-0.0021	5.79E+05	1.172

				4660.210	6201	0	29487	0.0079	-0.0050	-0.0021	6.04E+05	1.167
				4661.210	6200	0	29487	0.0079	-0.0050	-0.0021	6.31E+05	1.173
				4662.210	6199	0	29487	0.0079	-0.0050	-0.0021	6.27E+05	1.182
				4663.210	6199	0	29523	0.0079	-0.0050	-0.0021	6.14E+05	1.186
				4664.210	6200	0	29523	0.0079	-0.0050	-0.0021	6.49E+05	1.181
				4665.210	6199	0	29487	0.0079	-0.0050	-0.0021	6.63E+05	1.179
				4666.210	6200	0	29523	0.0079	-0.0050	-0.0021	6.52E+05	1.174
				4667.210	6200	0	29487	0.0079	-0.0050	-0.0021	6.80E+05	1.178
				4668.210	6201	0	29487	0.0079	-0.0050	-0.0021	6.90E+05	1.182
				4669.210	6200	0	29487	0.0079	-0.0050	-0.0021	6.92E+05	1.179
				4670.210	6201	0	29487	0.0079	-0.0050	-0.0022	6.52E+05	1.170
				4671.210	6200	0	29596	0.0079	-0.0050	-0.0022	6.46E+05	1.161
				4672.210	6199	0	29559	0.0079	-0.0051	-0.0022	6.24E+05	1.158
				4673.210	6198	0	29559	0.0079	-0.0051	-0.0022	6.37E+05	1.162
				4674.210	6200	0	29559	0.0080	-0.0051	-0.0022	6.42E+05	1.153
				4675.210	6201	0	29559	0.0080	-0.0051	-0.0022	6.31E+05	1.151
				4676.210	6200	0	29523	0.0080	-0.0051	-0.0022	6.11E+05	1.139
				4677.210	6199	0	29559	0.0080	-0.0051	-0.0022	5.69E+05	1.130
				4678.210	6200	0	29523	0.0080	-0.0051	-0.0022	5.64E+05	1.127
				4679.210	6199	0	29559	0.0080	-0.0051	-0.0022	5.70E+05	1.123
				4680.210	6200	0	29559	0.0080	-0.0051	-0.0022	5.57E+05	1.115
				4681.210	6200	0	29596	0.0080	-0.0051	-0.0022	5.57E+05	1.108
				4682.210	6200	0	29523	0.0080	-0.0051	-0.0022	5.41E+05	1.102
				4683.210	6199	0	29559	0.0080	-0.0051	-0.0022	5.34E+05	1.095
				4684.200	6200	0	29559	0.0080	-0.0051	-0.0022	5.29E+05	1.098
				4685.200	6200	0	29596	0.0080	-0.0051	-0.0022	5.53E+05	1.099
				4686.200	6200	0	29596	0.0080	-0.0051	-0.0023	5.43E+05	1.098
				4687.200	6200	0	29523	0.0080	-0.0051	-0.0023	5.34E+05	1.105
				4688.200	6200	0	29559	0.0080	-0.0051	-0.0023	5.35E+05	1.104
				4689.200	6200	0	29668	0.0080	-0.0051	-0.0023	5.33E+05	1.102
				4690.200	6201	0	29596	0.0080	-0.0052	-0.0023	5.45E+05	1.104
				4691.200	6201	0	29559	0.0080	-0.0052	-0.0023	5.53E+05	1.102
				4692.200	6200	0	29596	0.0080	-0.0052	-0.0023	5.73E+05	1.099
				4693.200	6201	0	29596	0.0081	-0.0052	-0.0023	5.45E+05	1.100
				4694.200	6201	0	29559	0.0081	-0.0052	-0.0023	5.30E+05	1.101
				4695.200	6201	0	29559	0.0081	-0.0052	-0.0023	5.12E+05	1.100
				4696.200	6200	0	29596	0.0081	-0.0052	-0.0023	4.95E+05	1.115
				4697.200	6200	0	29559	0.0081	-0.0052	-0.0023	5.02E+05	1.113
				4698.200	6199	0	29596	0.0081	-0.0052	-0.0023	5.09E+05	1.112
				4699.200	6200	0	29632	0.0081	-0.0052	-0.0023	5.31E+05	1.116
				4700.200	6199	0	29668	0.0081	-0.0052	-0.0023	5.19E+05	1.118
				4701.200	6200	0	29596	0.0081	-0.0052	-0.0023	5.35E+05	1.117
				4702.200	6199	0	29596	0.0081	-0.0052	-0.0023	5.50E+05	1.125
				4703.200	6199	0	29596	0.0081	-0.0052	-0.0024	5.64E+05	1.130
				4704.200	6199	0	29632	0.0081	-0.0052	-0.0024	5.42E+05	1.133
				4705.200	6200	0	29632	0.0081	-0.0052	-0.0024	5.63E+05	1.131
				4706.200	6199	0	29632	0.0081	-0.0053	-0.0024	5.66E+05	1.130
				4707.200	6199	0	29668	0.0081	-0.0053	-0.0024	5.74E+05	1.139
				4708.200	6201	0	29632	0.0081	-0.0053	-0.0024	5.59E+05	1.145
				4709.200	6202	0	29632	0.0081	-0.0053	-0.0024	5.58E+05	1.150
				4710.200	6200	0	29632	0.0081	-0.0053	-0.0024	5.41E+05	1.157
				4711.200	6199	0	29632	0.0082	-0.0053	-0.0024	5.82E+05	1.164
				4712.200	6199	0	29632	0.0081	-0.0053	-0.0024	5.82E+05	1.178
				4713.200	6199	0	29668	0.0082	-0.0053	-0.0024	5.51E+05	1.186
				4714.200	6200	0	29632	0.0082	-0.0053	-0.0024	5.37E+05	1.194
				4715.190	6200	0	29668	0.0082	-0.0053	-0.0024	5.58E+05	1.199
				4716.190	6200	0	29705	0.0082	-0.0053	-0.0024	5.34E+05	1.193
				4717.190	6200	0	29705	0.0082	-0.0053	-0.0025	5.30E+05	1.195
				4718.190	6203	0	29632	0.0082	-0.0053	-0.0025	5.44E+05	1.203
				4719.190	6200	0	29668	0.0082	-0.0053	-0.0025	5.38E+05	1.208
				4720.190	6198	0	29668	0.0082	-0.0053	-0.0025	4.91E+05	1.207
				4721.190	6202	0	29668	0.0082	-0.0053	-0.0025	4.61E+05	1.209
				4722.190	6200	0	29632	0.0082	-0.0053	-0.0025	4.45E+05	1.206
				4723.190	6200	0	29668	0.0082	-0.0053	-0.0025	4.25E+05	1.206
				4724.190	6201	0	29705	0.0082	-0.0054	-0.0025	4.04E+05	1.212
				4725.190	6199	0	29632	0.0082	-0.0054	-0.0025	4.02E+05	1.220
				4726.190	6202	0	29705	0.0082	-0.0054	-0.0025	4.52E+05	1.231
				4727.190	6200	0	29741	0.0082	-0.0054	-0.0025	4.60E+05	1.234
				4728.190	6199	0	29705	0.0082	-0.0054	-0.0025	4.24E+05	1.221
				4729.190	6201	0	29668	0.0082	-0.0054	-0.0025	4.07E+05	1.214
				4730.190	6199	0	29741	0.0082	-0.0054	-0.0025	3.88E+05	1.213
				4731.190	6200	0	29705	0.0082	-0.0054	-0.0025	4.02E+05	1.210
				4732.190	6199	0	29668	0.0082	-0.0054	-0.0026	3.76E+05	1.202
				4733.190	6200	0	29705	0.0083	-0.0054	-0.0026	3.39E+05	1.201
				4734.190	6199	0	29705	0.0082	-0.0054	-0.0026	2.95E+05	1.187
				4735.190	6200	0	29668	0.0083	-0.0054	-0.0026	2.54E+05	1.186

				4736.190	6199	0	29777	0.0083	-0.0054	-0.0026	2.47E+05	1.186
				4737.190	6199	0	29668	0.0083	-0.0054	-0.0026	2.38E+05	1.179
				4738.190	6200	0	29705	0.0083	-0.0054	-0.0026	2.10E+05	1.178
				4739.190	6200	0	29705	0.0083	-0.0054	-0.0026	2.01E+05	1.185
				4740.190	6201	0	29668	0.0083	-0.0055	-0.0026	2.05E+05	1.184
				4741.190	6199	0	29668	0.0083	-0.0055	-0.0026	2.07E+05	1.186
				4742.190	6199	0	29741	0.0083	-0.0055	-0.0026	2.26E+05	1.190
				4743.190	6201	0	29741	0.0083	-0.0055	-0.0026	2.43E+05	1.187
				4744.190	6200	0	29705	0.0083	-0.0055	-0.0026	1.90E+05	1.184
				4745.190	6200	0	29668	0.0083	-0.0055	-0.0026	1.89E+05	1.176
				4746.190	6200	0	29705	0.0083	-0.0055	-0.0027	1.86E+05	1.171
				4747.180	6200	0	29705	0.0083	-0.0055	-0.0027	1.98E+05	1.177
				4748.180	6200	0	29741	0.0083	-0.0055	-0.0027	1.93E+05	1.167
				4749.180	6202	0	29705	0.0083	-0.0055	-0.0027	1.83E+05	1.155
				4750.180	6199	0	29705	0.0083	-0.0055	-0.0027	2.22E+05	1.161
				4751.180	6199	0	29777	0.0083	-0.0055	-0.0027	2.10E+05	1.165
				4752.180	6201	0	29777	0.0083	-0.0055	-0.0027	2.12E+05	1.161
				4753.180	6200	0	29705	0.0084	-0.0055	-0.0027	2.68E+05	1.161
				4754.180	6202	0	29741	0.0084	-0.0055	-0.0027	2.52E+05	1.159
				4755.180	6200	0	29705	0.0084	-0.0055	-0.0027	2.51E+05	1.150
				4756.180	6199	0	29777	0.0084	-0.0055	-0.0027	2.81E+05	1.151
				4757.180	6202	0	29705	0.0084	-0.0056	-0.0027	2.77E+05	1.146
				4758.180	6199	0	29632	0.0084	-0.0056	-0.0027	2.73E+05	1.146
				4759.180	6201	0	29668	0.0084	-0.0056	-0.0027	2.85E+05	1.146
				4760.180	6201	0	29668	0.0084	-0.0056	-0.0027	2.97E+05	1.153
				4761.180	6199	0	29741	0.0084	-0.0056	-0.0028	2.90E+05	1.160
				4762.180	6200	0	29741	0.0084	-0.0056	-0.0028	3.34E+05	1.162
				4763.180	6201	0	29705	0.0084	-0.0056	-0.0028	3.27E+05	1.172
				4764.180	6199	0	29705	0.0084	-0.0056	-0.0028	3.47E+05	1.168
				4765.180	6200	0	29777	0.0084	-0.0056	-0.0028	3.68E+05	1.176
				4766.180	6200	0	29741	0.0084	-0.0056	-0.0028	3.68E+05	1.178
				4767.180	6200	0	29741	0.0084	-0.0056	-0.0028	3.66E+05	1.177
				4768.180	6201	0	29741	0.0084	-0.0056	-0.0028	3.79E+05	1.179
				4769.180	6200	0	29668	0.0084	-0.0056	-0.0028	4.11E+05	1.186
				4770.180	6198	0	29741	0.0084	-0.0056	-0.0028	4.09E+05	1.196
				4771.180	6199	0	29741	0.0084	-0.0056	-0.0028	4.18E+05	1.194
				4772.180	6200	0	29777	0.0084	-0.0056	-0.0028	4.42E+05	1.205
				4773.180	6199	0	29777	0.0085	-0.0056	-0.0028	4.64E+05	1.210
				4774.180	6202	0	29741	0.0085	-0.0056	-0.0028	4.49E+05	1.209
				4775.180	6201	0	29814	0.0085	-0.0057	-0.0029	4.35E+05	1.211
				4776.180	6200	0	29777	0.0085	-0.0057	-0.0029	4.23E+05	1.223
				4777.170	6201	0	29741	0.0085	-0.0057	-0.0029	4.45E+05	1.228
				4778.170	6201	0	29814	0.0085	-0.0057	-0.0029	5.02E+05	1.232
				4779.170	6199	0	29705	0.0085	-0.0057	-0.0029	4.80E+05	1.228
				4780.170	6201	0	29777	0.0085	-0.0057	-0.0029	4.92E+05	1.225
				4781.170	6199	0	29777	0.0085	-0.0057	-0.0029	4.86E+05	1.226
				4782.170	6201	0	29741	0.0085	-0.0057	-0.0029	5.34E+05	1.223
				4783.170	6200	0	29777	0.0085	-0.0057	-0.0029	5.37E+05	1.213
				4784.170	6198	0	29777	0.0085	-0.0057	-0.0029	5.06E+05	1.223
				4785.170	6200	0	29777	0.0085	-0.0057	-0.0029	4.51E+05	1.215
				4786.170	6199	0	29777	0.0085	-0.0057	-0.0029	3.91E+05	1.205
				4787.170	6200	0	29777	0.0085	-0.0057	-0.0029	4.03E+05	1.193
				4788.170	6200	0	29777	0.0085	-0.0057	-0.0030	4.00E+05	1.196
				4789.170	6200	0	29814	0.0085	-0.0057	-0.0029	3.78E+05	1.198
				4790.170	6202	0	29814	0.0085	-0.0057	-0.0030	3.69E+05	1.203
				4791.170	6201	0	29814	0.0085	-0.0057	-0.0030	3.61E+05	1.206
				4792.170	6199	0	29814	0.0085	-0.0058	-0.0030	3.49E+05	1.204
				4793.170	6199	0	29777	0.0085	-0.0058	-0.0030	3.72E+05	1.204
				4794.170	6199	0	29814	0.0085	-0.0058	-0.0030	3.92E+05	1.203
				4795.170	6201	0	29777	0.0085	-0.0058	-0.0030	3.54E+05	1.195
				4796.170	6199	0	29850	0.0086	-0.0058	-0.0030	3.66E+05	1.186
				4797.170	6201	0	29850	0.0086	-0.0058	-0.0030	3.58E+05	1.182
				4798.170	6199	0	29850	0.0086	-0.0058	-0.0030	3.38E+05	1.191
				4799.170	6199	0	29741	0.0086	-0.0058	-0.0030	3.43E+05	1.178
				4800.170	6199	0	29777	0.0086	-0.0058	-0.0030	3.30E+05	1.166
				4801.170	6201	0	29777	0.0086	-0.0058	-0.0030	3.70E+05	1.164
				4802.170	6200	0	29777	0.0086	-0.0058	-0.0030	3.94E+05	1.174
				4803.170	6199	0	29850	0.0086	-0.0058	-0.0030	3.62E+05	1.174
				4804.170	6200	0	29777	0.0086	-0.0058	-0.0030	3.92E+05	1.169
				4805.170	6198	0	29814	0.0086	-0.0058	-0.0031	3.56E+05	1.164
				4806.170	6200	0	29814	0.0086	-0.0058	-0.0031	3.36E+05	1.160
				4807.170	6200	0	29850	0.0086	-0.0058	-0.0031	3.48E+05	1.159
				4808.170	6200	0	29850	0.0086	-0.0058	-0.0031	3.40E+05	1.151
				4809.160	6200	0	29850	0.0086	-0.0058	-0.0031	3.32E+05	1.151
				4810.160	6200	0	29777	0.0086	-0.0059	-0.0031	3.21E+05	1.149
				4811.160	6201	0	29777	0.0086	-0.0059	-0.0031	3.10E+05	1.150

				4812.160	6199	0	29850	0.0087	-0.0059	-0.0031	3.14E+05	1.150
				4813.160	6200	0	29814	0.0086	-0.0059	-0.0031	2.99E+05	1.149
				4814.160	6200	0	29814	0.0086	-0.0059	-0.0031	2.83E+05	1.150
				4815.160	6199	0	29850	0.0087	-0.0059	-0.0031	2.96E+05	1.141
				4816.160	6201	0	29777	0.0087	-0.0059	-0.0031	2.95E+05	1.143
				4817.160	6200	0	29814	0.0087	-0.0059	-0.0031	2.91E+05	1.142
				4818.160	6201	0	29886	0.0087	-0.0059	-0.0031	2.89E+05	1.143
				4819.160	6200	0	29886	0.0087	-0.0059	-0.0031	3.01E+05	1.150
				4820.160	6200	0	29850	0.0087	-0.0059	-0.0031	2.95E+05	1.152
				4821.160	6201	0	29886	0.0087	-0.0059	-0.0032	2.89E+05	1.158
				4822.160	6202	0	29850	0.0087	-0.0059	-0.0032	3.11E+05	1.158
				4823.160	6199	0	29777	0.0087	-0.0059	-0.0032	3.36E+05	1.160
				4824.160	6199	0	29850	0.0087	-0.0059	-0.0032	3.58E+05	1.161
				4825.160	6203	0	29850	0.0087	-0.0059	-0.0032	3.30E+05	1.158
				4826.160	6201	0	29886	0.0087	-0.0060	-0.0032	3.33E+05	1.166
				4827.160	6200	0	29886	0.0087	-0.0060	-0.0032	3.03E+05	1.174
				4828.160	6199	0	29814	0.0087	-0.0060	-0.0032	2.69E+05	1.172
				4829.160	6200	0	29886	0.0087	-0.0060	-0.0032	3.00E+05	1.175
				4830.160	6199	0	29850	0.0087	-0.0060	-0.0032	2.63E+05	1.173
				4831.160	6199	0	29814	0.0087	-0.0060	-0.0032	2.75E+05	1.182
				4832.160	6199	0	29886	0.0087	-0.0060	-0.0032	2.69E+05	1.182
				4833.160	6200	0	29886	0.0088	-0.0060	-0.0032	2.77E+05	1.181
				4834.160	6199	0	29850	0.0087	-0.0060	-0.0033	2.50E+05	1.176
				4835.160	6200	0	29850	0.0088	-0.0060	-0.0033	2.60E+05	1.177
				4836.160	6199	0	29850	0.0088	-0.0060	-0.0033	2.35E+05	1.176
				4837.160	6199	0	29886	0.0088	-0.0060	-0.0033	2.40E+05	1.176
				4838.160	6200	0	29850	0.0088	-0.0060	-0.0033	2.57E+05	1.176
				4839.160	6200	0	29850	0.0088	-0.0060	-0.0033	2.45E+05	1.192
				4840.150	6201	0	29886	0.0088	-0.0060	-0.0033	2.30E+05	1.197
				4841.150	6200	0	29850	0.0088	-0.0060	-0.0033	2.60E+05	1.194
				4842.150	6201	0	29850	0.0088	-0.0061	-0.0033	2.39E+05	1.197
				4843.150	6200	0	29850	0.0088	-0.0061	-0.0033	2.01E+05	1.197
				4844.150	6200	0	29923	0.0088	-0.0061	-0.0033	2.27E+05	1.190
				4845.150	6201	0	29850	0.0088	-0.0061	-0.0033	2.55E+05	1.196
				4846.150	6201	0	29886	0.0088	-0.0061	-0.0033	2.47E+05	1.192
				4847.150	6201	0	29886	0.0088	-0.0061	-0.0033	2.40E+05	1.189
				4848.150	6200	0	29886	0.0088	-0.0061	-0.0033	2.33E+05	1.189
				4849.150	6199	0	29886	0.0088	-0.0061	-0.0034	1.89E+05	1.193
				4850.150	6199	0	29886	0.0088	-0.0061	-0.0034	1.78E+05	1.187
				4851.150	6201	0	29923	0.0088	-0.0061	-0.0034	1.71E+05	1.195
				4852.150	6200	0	29850	0.0088	-0.0061	-0.0034	1.75E+05	1.188
				4853.150	6202	0	29850	0.0089	-0.0061	-0.0034	1.98E+05	1.196
				4854.150	6200	0	29923	0.0089	-0.0061	-0.0034	2.01E+05	1.203
				4855.150	6199	0	29850	0.0089	-0.0061	-0.0034	2.06E+05	1.210
				4856.150	6201	0	29923	0.0089	-0.0061	-0.0034	1.93E+05	1.211
				4857.150	6202	0	29886	0.0089	-0.0061	-0.0034	1.46E+05	1.219
				4858.150	6199	0	29886	0.0089	-0.0062	-0.0034	1.47E+05	1.215
				4859.150	6199	0	29814	0.0089	-0.0062	-0.0034	1.46E+05	1.207
				4860.150	6201	0	29886	0.0089	-0.0062	-0.0034	1.47E+05	1.207
				4861.150	6202	0	29886	0.0089	-0.0062	-0.0034	1.62E+05	1.208
				4862.150	6200	0	29959	0.0089	-0.0062	-0.0035	1.60E+05	1.214
				4863.150	6199	0	29923	0.0089	-0.0062	-0.0035	1.60E+05	1.223
				4864.150	6200	0	29886	0.0089	-0.0062	-0.0035	1.38E+05	1.223
				4865.150	6199	0	29886	0.0089	-0.0062	-0.0035	1.18E+05	1.225
				4866.150	6200	0	29959	0.0089	-0.0062	-0.0035	1.29E+05	1.218
				4867.150	6200	0	29923	0.0089	-0.0062	-0.0035	1.23E+05	1.222
				4868.150	6200	0	29850	0.0089	-0.0062	-0.0035	1.15E+05	1.218
				4869.150	6202	0	29923	0.0089	-0.0062	-0.0035	9.13E+04	1.224
				4870.150	6200	0	29923	0.0089	-0.0062	-0.0035	1.20E+05	1.231
				4871.150	6199	0	29886	0.0089	-0.0062	-0.0035	7.33E+04	1.223
				4872.140	6200	0	29850	0.0089	-0.0062	-0.0035	8.17E+04	1.223
				4873.140	6199	0	29886	0.0090	-0.0062	-0.0035	7.23E+04	1.225
				4874.140	6199	0	29886	0.0090	-0.0062	-0.0035	6.17E+04	1.214
				4875.140	6199	0	29886	0.0090	-0.0063	-0.0035	5.33E+04	1.216
				4876.140	6199	0	29886	0.0089	-0.0063	-0.0036	2.95E+04	1.216
				4877.140	6199	0	29886	0.0090	-0.0063	-0.0036	5.55E+04	1.219
				4878.140	6199	0	29923	0.0090	-0.0063	-0.0036	2.83E+04	1.219
				4879.140	6200	0	29959	0.0090	-0.0063	-0.0036	5.11E+04	1.217
				4880.140	6203	0	29886	0.0090	-0.0063	-0.0036	7.37E+04	1.211
				4881.140	6204	0	29886	0.0090	-0.0063	-0.0036	3.34E+04	1.217
				4882.140	6200	0	29850	0.0090	-0.0063	-0.0036	5.65E+04	1.221
				4883.140	6202	0	29886	0.0090	-0.0063	-0.0036	6.09E+04	1.225
				4884.140	6199	0	29886	0.0090	-0.0063	-0.0036	6.53E+04	1.220
				4885.140	6199	0	29923	0.0090	-0.0063	-0.0036	1.82E+04	1.217
				4886.140	6199	0	29959	0.0090	-0.0063	-0.0036	2.02E+04	1.217
				4887.140	6200	0	29923	0.0090	-0.0063	-0.0036	3.34E+04	1.227

4888.140	6199	0	29886	0.0090	-0.0063	-0.0037	7.00E+04	1.218
4889.140	6200	0	29886	0.0090	-0.0063	-0.0036	8.97E+04	1.222
4890.140	6199	0	29886	0.0090	-0.0063	-0.0037	7.25E+04	1.225
4891.140	6204	0	29923	0.0090	-0.0064	-0.0037	7.31E+04	1.219
4892.140	6199	0	29923	0.0090	-0.0064	-0.0037	1.24E+05	1.217
4893.140	6199	0	29923	0.0091	-0.0064	-0.0037	1.41E+05	1.223
4894.140	6200	0	29886	0.0090	-0.0064	-0.0037	1.23E+05	1.215
4895.140	6199	0	29923	0.0091	-0.0064	-0.0037	1.53E+05	1.208
4896.140	6200	0	29850	0.0091	-0.0064	-0.0037	1.86E+05	1.214
4897.140	6199	0	29923	0.0091	-0.0064	-0.0037	2.00E+05	1.214
4898.140	6201	0	29886	0.0091	-0.0064	-0.0037	1.76E+05	1.203
4899.140	6199	0	29886	0.0091	-0.0064	-0.0037	1.57E+05	1.206
4900.140	6199	0	29886	0.0091	-0.0064	-0.0037	1.28E+05	1.182
4901.140	6199	0	29850	0.0091	-0.0064	-0.0037	1.23E+05	1.175
4902.130	6201	0	29923	0.0091	-0.0064	-0.0037	1.16E+05	1.174
4903.130	6200	0	29886	0.0091	-0.0064	-0.0037	1.09E+05	1.163
4904.130	6199	0	29995	0.0091	-0.0064	-0.0038	1.17E+05	1.157
4905.130	6201	0	29923	0.0091	-0.0064	-0.0037	1.32E+05	1.167
4906.130	6202	0	29850	0.0091	-0.0064	-0.0038	1.27E+05	1.175
4907.130	6205	0	29923	0.0091	-0.0064	-0.0038	1.20E+05	1.175
4908.130	6201	0	29923	0.0091	-0.0065	-0.0038	1.29E+05	1.175
4909.130	6200	0	29923	0.0091	-0.0065	-0.0038	1.35E+05	1.171
4910.130	6199	0	29886	0.0091	-0.0065	-0.0038	1.24E+05	1.164
4911.130	6198	0	29923	0.0091	-0.0065	-0.0038	1.29E+05	1.166
4912.130	6200	0	29959	0.0091	-0.0065	-0.0038	1.48E+05	1.162
4913.130	6201	0	29923	0.0092	-0.0065	-0.0038	1.17E+05	1.154
4914.130	6201	0	29923	0.0092	-0.0065	-0.0038	9.23E+04	1.160
4915.130	6199	0	29886	0.0092	-0.0065	-0.0038	6.63E+04	1.151
4916.130	6200	0	29923	0.0092	-0.0065	-0.0038	7.26E+04	1.152
4917.130	6201	0	29959	0.0092	-0.0065	-0.0038	9.19E+04	1.157
4918.130	6200	0	29923	0.0091	-0.0065	-0.0039	9.81E+04	1.165
4919.130	6201	0	29923	0.0092	-0.0065	-0.0039	1.02E+05	1.160
4920.130	6202	0	29959	0.0092	-0.0065	-0.0039	1.07E+05	1.156
4921.130	6201	0	29959	0.0092	-0.0065	-0.0039	1.25E+05	1.159
4922.130	6200	0	29959	0.0092	-0.0065	-0.0039	9.83E+04	1.155
4923.130	6200	0	29923	0.0092	-0.0065	-0.0039	1.14E+05	1.161
4924.130	6201	0	29886	0.0092	-0.0065	-0.0039	1.45E+05	1.161
4925.130	6200	0	29886	0.0092	-0.0066	-0.0039	1.10E+05	1.151
4926.130	6200	0	29923	0.0092	-0.0066	-0.0039	1.08E+05	1.155
4927.130	6201	0	29923	0.0092	-0.0066	-0.0039	1.03E+05	1.160
4928.130	6200	0	29923	0.0092	-0.0066	-0.0039	1.13E+05	1.160
4929.130	6199	0	29923	0.0092	-0.0066	-0.0039	9.40E+04	1.166
4930.130	6200	0	29886	0.0092	-0.0066	-0.0040	1.37E+05	1.169
4931.130	6201	0	29923	0.0092	-0.0066	-0.0040	1.28E+05	1.158
4932.130	6199	0	29923	0.0092	-0.0066	-0.0039	8.67E+04	1.171
4933.130	6201	0	29995	0.0093	-0.0066	-0.0040	7.97E+04	1.171
4934.120	6199	0	29959	0.0093	-0.0066	-0.0040	5.86E+04	1.183
4935.120	6200	0	29923	0.0093	-0.0066	-0.0040	6.70E+04	1.186
4936.120	6199	0	29923	0.0092	-0.0066	-0.0040	6.26E+04	1.183
4937.120	6201	0	29923	0.0093	-0.0066	-0.0040	3.51E+04	1.190
4938.120	6200	0	29850	0.0093	-0.0066	-0.0040	8.09E+04	1.212
4939.120	6201	0	29886	0.0093	-0.0066	-0.0040	1.04E+05	1.206
4940.120	6200	0	29886	0.0093	-0.0066	-0.0040	1.26E+05	1.208
4941.120	6201	0	29959	0.0093	-0.0067	-0.0040	1.30E+05	1.214
4942.120	6200	0	29959	0.0093	-0.0067	-0.0040	1.64E+05	1.214
4943.120	6199	0	29923	0.0093	-0.0067	-0.0040	1.82E+05	1.214
4944.120	6200	0	29923	0.0093	-0.0067	-0.0040	2.03E+05	1.223
4945.120	6199	0	29959	0.0093	-0.0067	-0.0040	2.19E+05	1.219
4946.120	6200	0	29959	0.0093	-0.0067	-0.0041	2.52E+05	1.218
4947.120	6200	0	29923	0.0093	-0.0067	-0.0041	2.73E+05	1.232
4948.120	6202	0	29959	0.0093	-0.0067	-0.0041	3.10E+05	1.248
4949.120	6201	0	30031	0.0093	-0.0067	-0.0041	3.22E+05	1.248
4950.120	6200	0	29886	0.0093	-0.0067	-0.0041	3.03E+05	1.262
4951.120	6199	0	29959	0.0093	-0.0067	-0.0041	3.29E+05	1.253
4952.120	6200	0	29995	0.0093	-0.0067	-0.0041	3.35E+05	1.245
4953.120	6201	0	29959	0.0094	-0.0067	-0.0041	3.40E+05	1.247
4954.120	6199	0	29923	0.0093	-0.0067	-0.0041	3.60E+05	1.243
4955.120	6199	0	29959	0.0094	-0.0067	-0.0041	3.42E+05	1.234
4956.120	6201	0	29923	0.0094	-0.0067	-0.0041	3.63E+05	1.240
4957.120	6201	0	29923	0.0094	-0.0068	-0.0041	3.62E+05	1.244
4958.120	6199	0	29923	0.0094	-0.0068	-0.0041	3.60E+05	1.246
4959.120	6199	0	29886	0.0094	-0.0068	-0.0042	3.77E+05	1.252
4960.120	6201	0	29959	0.0094	-0.0068	-0.0042	3.89E+05	1.249
4961.120	6199	0	29923	0.0094	-0.0068	-0.0042	3.87E+05	1.254
4962.120	6201	0	29923	0.0094	-0.0068	-0.0042	3.84E+05	1.260
4963.120	6199	0	29995	0.0094	-0.0068	-0.0042	3.76E+05	1.256

4964.120	6200	0	29995	0.0094	-0.0068	-0.0042	3.36E+05	1.249
4965.110	6200	0	29995	0.0094	-0.0068	-0.0042	3.13E+05	1.257
4966.110	6201	0	29995	0.0094	-0.0068	-0.0042	2.67E+05	1.251
4967.110	6199	0	30031	0.0094	-0.0068	-0.0042	2.49E+05	1.240
4968.110	6197	0	29959	0.0094	-0.0068	-0.0042	2.54E+05	1.246
4969.110	6200	0	29995	0.0094	-0.0068	-0.0042	2.23E+05	1.246
4970.110	6200	0	29995	0.0094	-0.0068	-0.0042	1.93E+05	1.245
4971.110	6199	0	29995	0.0094	-0.0068	-0.0042	1.82E+05	1.247
4972.110	6201	0	29959	0.0094	-0.0068	-0.0043	1.84E+05	1.252
4973.110	6201	0	29995	0.0094	-0.0069	-0.0043	1.68E+05	1.249
4974.110	6200	0	29995	0.0094	-0.0069	-0.0043	1.50E+05	1.251
4975.110	6199	0	29959	0.0095	-0.0069	-0.0043	1.84E+05	1.250
4976.110	6200	0	30068	0.0095	-0.0069	-0.0043	1.29E+05	1.256
4977.110	6201	0	29995	0.0095	-0.0069	-0.0043	1.29E+05	1.255
4978.110	6200	0	29995	0.0095	-0.0069	-0.0043	1.29E+05	1.256
4979.110	6200	0	30031	0.0095	-0.0069	-0.0043	1.28E+05	1.255
4980.110	6201	0	29959	0.0095	-0.0069	-0.0043	1.10E+05	1.266
4981.110	6200	0	30068	0.0095	-0.0069	-0.0043	1.25E+05	1.265
4982.110	6200	0	29995	0.0095	-0.0069	-0.0043	1.22E+05	1.263
4983.110	6200	0	29995	0.0095	-0.0069	-0.0043	8.71E+04	1.271
4984.110	6199	0	29959	0.0095	-0.0069	-0.0044	6.54E+04	1.268
4985.110	6200	0	29995	0.0095	-0.0069	-0.0043	8.43E+03	1.271
4986.110	6199	0	29995	0.0095	-0.0069	-0.0044	-1.16E+03	1.283
4987.110	6199	0	29995	0.0095	-0.0069	-0.0044	-2.35E+04	1.277
4988.110	6200	0	29995	0.0095	-0.0070	-0.0044	-6.41E+04	1.287
4989.110	6200	0	29995	0.0095	-0.0070	-0.0044	-7.36E+04	1.297
4990.110	6199	0	29995	0.0095	-0.0070	-0.0044	-5.25E+04	1.301
4991.110	6199	0	29959	0.0095	-0.0070	-0.0044	-4.76E+04	1.312
4992.110	6199	0	29959	0.0096	-0.0070	-0.0044	-4.20E+04	1.324
4993.110	6200	0	29995	0.0096	-0.0070	-0.0044	1.49E+04	1.327
4994.110	6201	0	29959	0.0096	-0.0070	-0.0044	-1.14E+04	1.334
4995.100	6200	0	29959	0.0096	-0.0070	-0.0044	5.35E+03	1.344
4996.100	6202	0	29959	0.0095	-0.0070	-0.0045	9.95E+03	1.340
4997.100	6201	0	29995	0.0096	-0.0070	-0.0045	1.43E+04	1.333
4998.100	6200	0	29995	0.0096	-0.0070	-0.0045	1.88E+04	1.335
4999.100	6199	0	29959	0.0096	-0.0070	-0.0045	2.26E+04	1.346
5000.100	6199	0	29995	0.0096	-0.0070	-0.0045	1.07E+04	1.358
5001.100	6199	0	29923	0.0096	-0.0070	-0.0045	1.17E+04	1.370
5002.100	6199	0	29995	0.0096	-0.0070	-0.0045	4.99E+04	1.360
5003.100	6199	0	29959	0.0096	-0.0071	-0.0045	5.31E+04	1.353
5004.100	6201	0	29995	0.0096	-0.0071	-0.0045	9.57E+04	1.359
5005.100	6200	0	29995	0.0096	-0.0071	-0.0045	1.17E+05	1.369
5006.100	6201	0	30031	0.0096	-0.0071	-0.0045	8.50E+04	1.365
5007.100	6201	0	30031	0.0096	-0.0071	-0.0045	1.06E+05	1.372
5008.100	6201	0	29959	0.0096	-0.0071	-0.0046	9.15E+04	1.362
5009.100	6200	0	29995	0.0096	-0.0071	-0.0045	1.14E+05	1.364
5010.100	6204	0	29959	0.0096	-0.0071	-0.0046	1.19E+05	1.369
5011.100	6199	0	29995	0.0096	-0.0071	-0.0046	1.39E+05	1.360
5012.100	6199	0	29995	0.0097	-0.0071	-0.0046	1.60E+05	1.378
5013.100	6201	0	29959	0.0096	-0.0071	-0.0046	1.63E+05	1.385
5014.100	6199	0	29959	0.0096	-0.0071	-0.0046	1.81E+05	1.381
5015.100	6200	0	30031	0.0097	-0.0071	-0.0046	1.67E+05	1.385
5016.100	6201	0	29995	0.0097	-0.0071	-0.0046	2.07E+05	1.388
5017.100	6200	0	29995	0.0097	-0.0071	-0.0046	2.24E+05	1.382
5018.100	6199	0	30068	0.0097	-0.0072	-0.0046	2.50E+05	1.386
5019.100	6200	0	29959	0.0097	-0.0072	-0.0047	6.50E+05	1.396
5020.100	6200	0	30031	0.0096	-0.0072	-0.0047	2.28E+05	1.400
5021.100	6199	0	29995	0.0097	-0.0072	-0.0047	2.04E+05	1.389
5022.100	6202	0	29995	0.0097	-0.0072	-0.0047	1.98E+05	1.398
5023.100	6201	0	30031	0.0097	-0.0072	-0.0047	2.25E+05	1.397
5024.100	6200	0	29995	0.0097	-0.0072	-0.0047	2.03E+05	1.398
5025.100	6200	0	29959	0.0097	-0.0072	-0.0047	1.79E+05	1.390
5026.100	6202	0	30031	0.0097	-0.0072	-0.0047	1.51E+05	1.377
5027.090	6201	0	29995	0.0097	-0.0072	-0.0047	1.25E+05	1.389
5028.090	6202	0	29995	0.0097	-0.0072	-0.0047	1.14E+05	1.373
5029.090	6200	0	30068	0.0097	-0.0072	-0.0047	7.25E+04	1.369
5030.090	6201	0	29995	0.0097	-0.0072	-0.0048	4.87E+04	1.364
5031.090	6199	0	29959	0.0097	-0.0072	-0.0048	2.76E+04	1.366
5032.090	6201	0	29959	0.0097	-0.0073	-0.0048	3.55E+04	1.361
5033.090	6202	0	29959	0.0098	-0.0073	-0.0048	4.59E+04	1.364
5034.090	6203	0	30031	0.0098	-0.0073	-0.0048	-1.36E+04	1.355
5035.090	6200	0	30031	0.0098	-0.0073	-0.0048	-1.82E+04	1.347
5036.090	6201	0	30031	0.0098	-0.0073	-0.0048	-4.95E+04	1.352
5037.090	6200	0	30031	0.0098	-0.0073	-0.0048	-5.45E+04	1.357
5038.090	6201	0	29995	0.0098	-0.0073	-0.0048	-5.84E+04	1.347
5039.090	6200	0	30031	0.0098	-0.0073	-0.0048	-6.36E+04	1.344

				5040.090	6200	0	29959	0.0098	-0.0073	-0.0048	-7.35E+04	1.352
				5041.090	6200	0	30068	0.0098	-0.0073	-0.0048	-3.47E+04	1.353
				5042.090	6200	0	30068	0.0098	-0.0073	-0.0049	-4.35E+04	1.367
				5043.090	6200	0	30104	0.0098	-0.0073	-0.0049	-3.75E+04	1.370
				5044.090	6200	0	30031	0.0098	-0.0073	-0.0049	-1.40E+04	1.370
				5045.090	6201	0	29959	0.0098	-0.0074	-0.0049	-5.65E+04	1.375
				5046.090	6202	0	29995	0.0098	-0.0074	-0.0049	6.79E+02	1.404
				5047.090	6200	0	30031	0.0098	-0.0074	-0.0049	8.93E+03	1.392
				5048.090	6201	0	30068	0.0098	-0.0074	-0.0049	-2.92E+04	1.396
				5049.090	6201	0	29959	0.0098	-0.0074	-0.0049	-3.66E+04	1.391
				5050.090	6199	0	29995	0.0098	-0.0074	-0.0049	-4.36E+04	1.383
				5051.090	6200	0	29959	0.0099	-0.0074	-0.0049	-8.63E+04	1.385
				5052.090	6202	0	30031	0.0098	-0.0074	-0.0050	-7.55E+04	1.384
				5053.090	6201	0	29995	0.0099	-0.0074	-0.0049	-8.08E+04	1.379
				5054.090	6202	0	29959	0.0099	-0.0074	-0.0050	-8.78E+04	1.387
				5055.090	6202	0	29959	0.0099	-0.0074	-0.0050	-7.89E+04	1.381
				5056.090	6201	0	29959	0.0099	-0.0074	-0.0050	-8.40E+04	1.382
				5057.090	6201	0	29995	0.0099	-0.0074	-0.0050	-1.21E+05	1.367
				5058.080	6200	0	29995	0.0099	-0.0074	-0.0050	-1.65E+05	1.380
				5059.080	6199	0	29923	0.0099	-0.0075	-0.0050	-1.99E+05	1.380
				5060.080	6201	0	29995	0.0099	-0.0075	-0.0050	-2.03E+05	1.384
				5061.080	6200	0	29959	0.0099	-0.0075	-0.0051	-1.91E+05	1.385
				5062.080	6199	0	29995	0.0099	-0.0075	-0.0051	-1.75E+05	1.371
				5063.080	6200	0	29995	0.0099	-0.0075	-0.0050	-1.44E+05	1.377
				5064.080	6201	0	30031	0.0099	-0.0075	-0.0050	-1.46E+05	1.376
				5065.080	6200	0	30031	0.0099	-0.0075	-0.0051	-1.33E+05	1.383
				5066.080	6201	0	30068	0.0099	-0.0075	-0.0051	-1.55E+05	1.394
				5067.080	6199	0	29995	0.0099	-0.0075	-0.0051	-1.11E+05	1.394
				5068.080	6199	0	30031	0.0099	-0.0075	-0.0051	-6.18E+04	1.382
				5069.080	6202	0	29995	0.0099	-0.0075	-0.0051	-1.79E+03	1.386
				5070.080	6201	0	29959	0.0099	-0.0075	-0.0051	3.87E+04	1.398
				5071.080	6200	0	30104	0.0099	-0.0075	-0.0051	3.67E+04	1.415
				5072.080	6200	0	30031	0.0100	-0.0075	-0.0051	3.64E+04	1.409
				5073.080	6199	0	29923	0.0099	-0.0075	-0.0052	3.76E+04	1.410
				5074.080	6200	0	29959	0.0099	-0.0076	-0.0052	9.10E+04	1.402
				5075.080	6202	0	29995	0.0100	-0.0076	-0.0052	7.47E+04	1.408
				5076.080	6203	0	29959	0.0100	-0.0076	-0.0052	1.11E+05	1.407
				5077.080	6198	0	29995	0.0100	-0.0076	-0.0052	1.25E+05	1.407
				5078.080	6200	0	29995	0.0100	-0.0076	-0.0052	1.25E+05	1.409
				5079.080	6200	0	29995	0.0100	-0.0076	-0.0052	1.39E+05	1.402
				5080.080	6200	0	29959	0.0100	-0.0076	-0.0052	9.96E+04	1.385
				5081.080	6201	0	29995	0.0100	-0.0076	-0.0052	8.11E+04	1.383
				5082.080	6199	0	29959	0.0100	-0.0076	-0.0052	6.12E+04	1.384
				5083.080	6199	0	29959	0.0100	-0.0076	-0.0052	7.42E+04	1.391
				5084.080	6200	0	29959	0.0100	-0.0076	-0.0053	4.10E+04	1.397
				5085.080	6200	0	29959	0.0100	-0.0076	-0.0053	1.16E+04	1.389
				5086.080	6199	0	29995	0.0100	-0.0076	-0.0053	-8.20E+03	1.385
				5087.080	6202	0	29995	0.0100	-0.0076	-0.0053	-5.11E+04	1.371
				5088.080	6199	0	30031	0.0100	-0.0077	-0.0053	-5.36E+04	1.363
				5089.080	6201	0	29995	0.0100	-0.0077	-0.0053	-5.62E+04	1.363
				5090.070	6200	0	29995	0.0100	-0.0077	-0.0053	-4.46E+04	1.363
				5091.070	6199	0	29995	0.0100	-0.0077	-0.0053	-4.54E+04	1.365
				5092.070	6199	0	30031	0.0100	-0.0077	-0.0053	-4.79E+04	1.355
				5093.070	6201	0	30031	0.0101	-0.0077	-0.0053	-4.49E+04	1.341
				5094.070	6199	0	29995	0.0101	-0.0077	-0.0053	-2.48E+04	1.331
				5095.070	6199	0	30031	0.0101	-0.0077	-0.0053	-3.77E+04	1.333
				5096.070	6199	0	30031	0.0100	-0.0077	-0.0054	-3.64E+04	1.335
				5097.070	6201	0	29995	0.0101	-0.0077	-0.0054	1.61E+04	1.341
				5098.070	6200	0	29959	0.0101	-0.0077	-0.0054	1.71E+04	1.329
				5099.070	6201	0	30031	0.0101	-0.0077	-0.0054	-1.29E+04	1.333
				5100.070	6202	0	29995	0.0101	-0.0077	-0.0054	-4.36E+04	1.328
				5101.070	6200	0	30068	0.0101	-0.0077	-0.0054	-7.02E+04	1.324
				5102.070	6200	0	30068	0.0101	-0.0077	-0.0054	-6.73E+04	1.326
				5103.070	6200	0	29959	0.0101	-0.0078	-0.0054	-7.75E+04	1.326
				5104.070	6200	0	30031	0.0101	-0.0078	-0.0054	-5.67E+04	1.327
				5105.070	6202	0	29959	0.0101	-0.0078	-0.0054	-5.30E+04	1.334
				5106.070	6201	0	29995	0.0101	-0.0078	-0.0054	-8.34E+04	1.331
				5107.070	6199	0	29995	0.0101	-0.0078	-0.0054	-1.10E+05	1.326
				5108.070	6200	0	30031	0.0101	-0.0078	-0.0055	-1.34E+05	1.320
				5109.070	6200	0	29923	0.0101	-0.0078	-0.0055	-1.31E+05	1.322
				5110.070	6199	0	29995	0.0101	-0.0078	-0.0055	-1.45E+05	1.322
				5111.070	6199	0	29959	0.0101	-0.0078	-0.0055	-1.60E+05	1.325
				5112.070	6199	0	29959	0.0102	-0.0078	-0.0055	-1.57E+05	1.325
				5113.070	6201	0	29995	0.0102	-0.0078	-0.0055	-1.70E+05	1.324
				5114.070	6201	0	29995	0.0101	-0.0078	-0.0055	-1.66E+05	1.325
				5115.070	6200	0	29995	0.0101	-0.0078	-0.0055	-1.75E+05	1.322

				5116.070	6200	0	29959	0.0102	-0.0078	-0.0055	-2.04E+05	1.327
				5117.070	6200	0	29923	0.0102	-0.0079	-0.0055	-2.15E+05	1.324
				5118.070	6200	0	29995	0.0102	-0.0079	-0.0055	-1.87E+05	1.323
				5119.070	6199	0	29995	0.0102	-0.0079	-0.0055	-1.94E+05	1.327
				5120.060	6201	0	29959	0.0102	-0.0079	-0.0056	-1.99E+05	1.326
				5121.060	6201	0	30031	0.0102	-0.0079	-0.0056	-1.90E+05	1.331
				5122.060	6199	0	29995	0.0102	-0.0079	-0.0056	-1.94E+05	1.324
				5123.060	6201	0	29959	0.0102	-0.0079	-0.0056	-1.96E+05	1.320
				5124.060	6199	0	29995	0.0102	-0.0079	-0.0056	-2.15E+05	1.319
				5125.060	6202	0	29959	0.0102	-0.0079	-0.0056	-1.87E+05	1.320
				5126.060	6201	0	29923	0.0102	-0.0079	-0.0056	-1.62E+05	1.326
				5127.060	6202	0	30031	0.0102	-0.0079	-0.0056	-1.02E+05	1.327
				5128.060	6200	0	29959	0.0102	-0.0079	-0.0056	-6.71E+04	1.328
				5129.060	6201	0	30031	0.0102	-0.0079	-0.0056	-1.01E+05	1.325
				5130.060	6200	0	29995	0.0102	-0.0079	-0.0056	-8.30E+04	1.338
				5131.060	6199	0	29959	0.0102	-0.0079	-0.0056	-9.53E+04	1.335
				5132.060	6200	0	29923	0.0102	-0.0080	-0.0057	-7.78E+04	1.340
				5133.060	6200	0	29959	0.0102	-0.0080	-0.0057	-6.05E+04	1.343
				5134.060	6199	0	30031	0.0102	-0.0080	-0.0057	-2.14E+04	1.345
				5135.060	6200	0	29995	0.0103	-0.0080	-0.0057	-1.91E+04	1.346
				5136.060	6201	0	29995	0.0103	-0.0080	-0.0057	-4.35E+04	1.365
				5137.060	6201	0	29995	0.0103	-0.0080	-0.0057	-1.18E+04	1.373
				5138.060	6201	0	29959	0.0103	-0.0080	-0.0057	-2.47E+04	1.367
				5139.060	6200	0	29959	0.0103	-0.0080	-0.0057	-2.46E+04	1.355
				5140.060	6201	0	29959	0.0103	-0.0080	-0.0057	-3.38E+03	1.343
				5141.060	6200	0	29923	0.0103	-0.0080	-0.0057	3.51E+04	1.354
				5142.060	6200	0	29959	0.0103	-0.0080	-0.0057	6.61E+04	1.362
				5143.060	6201	0	29995	0.0103	-0.0080	-0.0057	3.21E+04	1.352
				5144.060	6200	0	29923	0.0103	-0.0080	-0.0058	4.43E+04	1.347
				5145.060	6199	0	29959	0.0103	-0.0080	-0.0058	8.55E+04	1.343
				5146.060	6201	0	29959	0.0103	-0.0081	-0.0058	4.45E+04	1.330
				5147.060	6199	0	29923	0.0103	-0.0081	-0.0058	1.13E+05	1.325
				5148.060	6201	0	29959	0.0103	-0.0081	-0.0058	1.28E+05	1.335
				5149.060	6200	0	29959	0.0103	-0.0081	-0.0058	1.26E+05	1.338
				5150.060	6202	0	29995	0.0103	-0.0081	-0.0058	1.39E+05	1.343
				5151.060	6200	0	30031	0.0103	-0.0081	-0.0058	1.20E+05	1.340
				5152.050	6200	0	30031	0.0103	-0.0081	-0.0058	9.84E+04	1.337
				5153.050	6199	0	29959	0.0104	-0.0081	-0.0058	1.29E+05	1.339
				5154.050	6201	0	29923	0.0104	-0.0081	-0.0058	9.44E+04	1.355
				5155.050	6199	0	29959	0.0103	-0.0081	-0.0059	1.24E+05	1.359
				5156.050	6199	0	29959	0.0104	-0.0081	-0.0059	1.20E+05	1.356
				5157.050	6200	0	29995	0.0104	-0.0081	-0.0059	1.02E+05	1.357
				5158.050	6200	0	29995	0.0104	-0.0081	-0.0059	6.43E+04	1.347
				5159.050	6201	0	29995	0.0104	-0.0081	-0.0059	4.33E+04	1.343
				5160.050	6201	0	30031	0.0104	-0.0081	-0.0059	9.07E+04	1.355
				5161.050	6201	0	29886	0.0104	-0.0082	-0.0059	1.03E+05	1.356
				5162.050	6200	0	30068	0.0104	-0.0082	-0.0059	1.15E+05	1.356
				5163.050	6201	0	29959	0.0104	-0.0082	-0.0060	1.28E+05	1.357
				5164.050	6202	0	29959	0.0104	-0.0082	-0.0059	8.46E+04	1.344
				5165.050	6201	0	29995	0.0104	-0.0082	-0.0059	8.18E+04	1.344
				5166.050	6203	0	30031	0.0104	-0.0082	-0.0060	6.42E+04	1.359
				5167.050	6199	0	30068	0.0104	-0.0082	-0.0060	2.95E+04	1.356
				5168.050	6200	0	29959	0.0104	-0.0082	-0.0060	2.65E+04	1.353
				5169.050	6199	0	29995	0.0104	-0.0082	-0.0060	5.80E+03	1.346
				5170.050	6201	0	30068	0.0104	-0.0082	-0.0060	1.83E+03	1.346
				5171.050	6199	0	29923	0.0105	-0.0082	-0.0060	1.44E+04	1.343
				5172.050	6200	0	30068	0.0105	-0.0082	-0.0060	6.35E+03	1.361
				5173.050	6200	0	29995	0.0104	-0.0082	-0.0060	-2.77E+04	1.351
				5174.050	6201	0	29995	0.0104	-0.0082	-0.0060	-4.89E+04	1.350
				5175.050	6199	0	29995	0.0104	-0.0083	-0.0061	-4.05E+04	1.349
				5176.050	6199	0	29959	0.0105	-0.0083	-0.0061	-3.30E+04	1.352
				5177.050	6202	0	29995	0.0105	-0.0083	-0.0061	1.12E+04	1.351
				5178.050	6199	0	29995	0.0105	-0.0083	-0.0061	6.31E+04	1.361
				5179.050	6199	0	29923	0.0105	-0.0083	-0.0061	4.04E+04	1.363
				5180.050	6199	0	29995	0.0105	-0.0083	-0.0061	2.27E+03	1.356
				5181.050	6199	0	29959	0.0105	-0.0083	-0.0061	6.59E+03	1.366
				5182.050	6200	0	29959	0.0105	-0.0083	-0.0061	-5.21E+03	1.364
				5183.040	6202	0	29959	0.0105	-0.0083	-0.0061	1.70E+04	1.360
				5184.040	6199	0	29959	0.0105	-0.0083	-0.0061	3.64E+04	1.367
				5185.040	6203	0	30031	0.0105	-0.0083	-0.0061	3.93E+04	1.366
				5186.040	6202	0	29995	0.0105	-0.0083	-0.0062	5.68E+04	1.365
				5187.040	6199	0	29995	0.0105	-0.0083	-0.0062	-1.09E+04	1.385
				5188.040	6202	0	29995	0.0105	-0.0083	-0.0062	2.91E+04	1.394
				5189.040	6201	0	29923	0.0106	-0.0084	-0.0062	-5.30E+03	1.384
				5190.040	6200	0	29995	0.0105	-0.0084	-0.0062	-1.84E+04	1.380
				5191.040	6200	0	29959	0.0105	-0.0084	-0.0062	-3.09E+04	1.367

5192.040	6199	0	29959	0.0105	-0.0084	-0.0062	-2.68E+04	1.366
5193.040	6199	0	29995	0.0105	-0.0084	-0.0062	-1.64E+03	1.370
5194.040	6198	0	29923	0.0106	-0.0084	-0.0062	-9.93E+03	1.354
5195.040	6199	0	30031	0.0106	-0.0084	-0.0062	-5.81E+04	1.344
5196.040	6199	0	30031	0.0106	-0.0084	-0.0062	-4.49E+04	1.351
5197.040	6201	0	29995	0.0106	-0.0084	-0.0063	-9.28E+04	1.339
5198.040	6201	0	29959	0.0106	-0.0084	-0.0063	-5.44E+04	1.330
5199.040	6200	0	29959	0.0106	-0.0084	-0.0063	-5.80E+04	1.335
5200.040	6199	0	30031	0.0106	-0.0084	-0.0063	-2.66E+04	1.331
5201.040	6200	0	29995	0.0106	-0.0084	-0.0063	-3.10E+04	1.324
5202.040	6201	0	30031	0.0106	-0.0084	-0.0063	-6.63E+04	1.326
5203.040	6200	0	30068	0.0106	-0.0084	-0.0063	-6.86E+04	1.324
5204.040	6200	0	29959	0.0106	-0.0085	-0.0063	-7.03E+04	1.322
5205.040	6201	0	29959	0.0106	-0.0085	-0.0063	-7.34E+04	1.323
5206.040	6202	0	30031	0.0106	-0.0085	-0.0063	-4.26E+04	1.321
5207.040	6200	0	29995	0.0106	-0.0085	-0.0063	-4.74E+04	1.322
5208.040	6201	0	30031	0.0106	-0.0085	-0.0063	-6.94E+04	1.327
5209.040	6200	0	30031	0.0106	-0.0085	-0.0064	-8.76E+04	1.319
5210.040	6200	0	29995	0.0106	-0.0085	-0.0064	-9.13E+04	1.316
5211.040	6199	0	29995	0.0106	-0.0085	-0.0064	-6.42E+04	1.322
5212.040	6201	0	29959	0.0106	-0.0085	-0.0064	-6.89E+04	1.316
5213.040	6202	0	29995	0.0106	-0.0085	-0.0064	-3.03E+04	1.328
5214.040	6198	0	29959	0.0107	-0.0085	-0.0064	-3.10E+04	1.338
5215.030	6201	0	29995	0.0107	-0.0085	-0.0064	-6.57E+04	1.334
5216.030	6200	0	29959	0.0107	-0.0085	-0.0064	-5.62E+04	1.336
5217.030	6199	0	29959	0.0107	-0.0085	-0.0064	-1.11E+05	1.346
5218.030	6199	0	29959	0.0107	-0.0085	-0.0064	-1.31E+05	1.342
5219.030	6200	0	29995	0.0107	-0.0086	-0.0064	-1.06E+05	1.356
5220.030	6201	0	29886	0.0107	-0.0086	-0.0064	-1.28E+05	1.355
5221.030	6202	0	29923	0.0107	-0.0086	-0.0065	-1.04E+05	1.355
5222.030	6200	0	29923	0.0107	-0.0086	-0.0065	-9.35E+04	1.352
5223.030	6200	0	29995	0.0107	-0.0086	-0.0065	-9.77E+04	1.357
5224.030	6198	0	29959	0.0107	-0.0086	-0.0065	-1.18E+05	1.353
5225.030	6198	0	30031	0.0107	-0.0086	-0.0065	-1.74E+05	1.350
5226.030	6201	0	29959	0.0107	-0.0086	-0.0065	-1.14E+05	1.360
5227.030	6199	0	29923	0.0107	-0.0086	-0.0065	-1.31E+05	1.368
5228.030	6202	0	29959	0.0107	-0.0086	-0.0065	-1.17E+05	1.366
5229.030	6202	0	29959	0.0107	-0.0086	-0.0065	-7.91E+04	1.383
5230.030	6199	0	30031	0.0107	-0.0086	-0.0065	-7.85E+04	1.387
5231.030	6199	0	30031	0.0108	-0.0086	-0.0065	-9.53E+04	1.397
5232.030	6200	0	29995	0.0107	-0.0087	-0.0066	-7.60E+04	1.402
5233.030	6200	0	29959	0.0107	-0.0087	-0.0066	-7.35E+04	1.407
5234.030	6199	0	29959	0.0108	-0.0087	-0.0066	-3.97E+04	1.413
5235.030	6200	0	29995	0.0108	-0.0087	-0.0066	-1.67E+04	1.417
5236.030	6199	0	29995	0.0108	-0.0087	-0.0066	9.13E+03	1.408
5237.030	6200	0	29959	0.0108	-0.0087	-0.0066	-3.11E+04	1.418
5238.030	6200	0	30068	0.0108	-0.0087	-0.0066	3.73E+04	1.436
5239.030	6200	0	29959	0.0108	-0.0087	-0.0066	4.39E+04	1.448
5240.030	6201	0	29959	0.0108	-0.0087	-0.0066	3.11E+04	1.431
5241.030	6200	0	29995	0.0108	-0.0087	-0.0066	6.95E+04	1.435
5242.030	6199	0	29886	0.0108	-0.0087	-0.0066	5.35E+04	1.419
5243.030	6201	0	29959	0.0108	-0.0087	-0.0066	5.78E+04	1.426
5244.030	6202	0	30031	0.0108	-0.0087	-0.0067	4.46E+04	1.435
5245.020	6199	0	29995	0.0108	-0.0087	-0.0067	3.11E+04	1.432
5246.020	6201	0	29995	0.0108	-0.0087	-0.0067	7.18E+03	1.420
5247.020	6201	0	29959	0.0108	-0.0088	-0.0067	-4.19E+04	1.423
5248.020	6201	0	29959	0.0108	-0.0088	-0.0067	-9.40E+04	1.397
5249.020	6200	0	29959	0.0108	-0.0088	-0.0067	-7.36E+04	1.398
5250.020	6201	0	29886	0.0108	-0.0088	-0.0067	-1.06E+05	1.396
5251.020	6201	0	30068	0.0108	-0.0088	-0.0067	-8.67E+04	1.386
5252.020	6202	0	29923	0.0108	-0.0088	-0.0067	-6.38E+04	1.376
5253.020	6200	0	29959	0.0108	-0.0088	-0.0068	-9.34E+04	1.375
5254.020	6199	0	29959	0.0108	-0.0088	-0.0068	-1.06E+05	1.358
5255.020	6200	0	29995	0.0109	-0.0088	-0.0067	-1.04E+05	1.359
5256.020	6199	0	29959	0.0108	-0.0088	-0.0068	-8.48E+04	1.353
5257.020	6201	0	29959	0.0109	-0.0088	-0.0068	-6.72E+04	1.348
5258.020	6202	0	29959	0.0109	-0.0088	-0.0068	-7.81E+04	1.345
5259.020	6199	0	29995	0.0109	-0.0088	-0.0068	-7.25E+04	1.344
5260.020	6200	0	29959	0.0109	-0.0088	-0.0068	-4.62E+04	1.327
5261.020	6200	0	29995	0.0109	-0.0089	-0.0068	-2.65E+04	1.328
5262.020	6201	0	29995	0.0109	-0.0089	-0.0068	6.53E+03	1.331
5263.020	6200	0	29995	0.0109	-0.0089	-0.0068	-4.78E+03	1.321
5264.020	6200	0	29959	0.0109	-0.0089	-0.0069	4.86E+04	1.325
5265.020	6201	0	29959	0.0109	-0.0089	-0.0068	2.25E+04	1.322
5266.020	6200	0	30031	0.0109	-0.0089	-0.0069	1.11E+04	1.319
5267.020	6200	0	29959	0.0109	-0.0089	-0.0068	2.89E+03	1.326

				5268.020	6200	0	29995	0.0109	-0.0089	-0.0069	-3.84E+04	1.321
				5269.020	6199	0	29959	0.0109	-0.0089	-0.0069	-4.77E+04	1.317
				5270.020	6200	0	29923	0.0109	-0.0089	-0.0069	-4.19E+04	1.315
				5271.020	6202	0	29995	0.0109	-0.0089	-0.0069	-3.51E+04	1.312
				5272.020	6202	0	29923	0.0109	-0.0089	-0.0069	-4.61E+04	1.287
				5273.020	6200	0	29923	0.0110	-0.0089	-0.0069	-5.30E+04	1.287
				5274.020	6201	0	29995	0.0110	-0.0089	-0.0069	-8.95E+04	1.283
				5275.020	6201	0	29923	0.0110	-0.0089	-0.0069	-1.08E+05	1.282
				5276.020	6199	0	29959	0.0110	-0.0090	-0.0069	-1.69E+05	1.265
				5277.010	6201	0	30031	0.0110	-0.0090	-0.0070	-1.27E+05	1.259
				5278.010	6201	0	29959	0.0110	-0.0090	-0.0070	-1.79E+05	1.254
				5279.010	6200	0	29959	0.0110	-0.0090	-0.0070	-1.68E+05	1.256
				5280.010	6200	0	29995	0.0110	-0.0090	-0.0070	-1.73E+05	1.263
				5281.010	6200	0	29959	0.0110	-0.0090	-0.0070	-1.61E+05	1.257
				5282.010	6200	0	29959	0.0110	-0.0090	-0.0070	-1.50E+05	1.261
				5283.010	6199	0	29923	0.0110	-0.0090	-0.0070	-1.84E+05	1.257
				5284.010	6199	0	29995	0.0110	-0.0090	-0.0070	-1.88E+05	1.262
				5285.010	6201	0	30031	0.0110	-0.0090	-0.0070	-1.74E+05	1.270
				5286.010	6201	0	29995	0.0110	-0.0090	-0.0070	-1.92E+05	1.272
				5287.010	6199	0	30031	0.0110	-0.0090	-0.0071	-1.76E+05	1.262
				5288.010	6199	0	29959	0.0110	-0.0090	-0.0070	-1.76E+05	1.270
				5289.010	6199	0	29995	0.0110	-0.0090	-0.0071	-1.42E+05	1.268
				5290.010	6199	0	29923	0.0110	-0.0090	-0.0071	-1.57E+05	1.275
				5291.010	6199	0	29959	0.0110	-0.0091	-0.0071	-1.39E+05	1.270
				5292.010	6200	0	29923	0.0110	-0.0091	-0.0071	-1.19E+05	1.279
				5293.010	6202	0	29959	0.0111	-0.0091	-0.0071	-1.30E+05	1.269
				5294.010	6202	0	29959	0.0110	-0.0091	-0.0071	-1.40E+05	1.272
				5295.010	6200	0	29923	0.0111	-0.0091	-0.0071	-1.67E+05	1.279
				5296.010	6199	0	29959	0.0111	-0.0091	-0.0071	-1.79E+05	1.284
				5297.010	6199	0	29923	0.0111	-0.0091	-0.0071	-1.57E+05	1.289
				5298.010	6200	0	29959	0.0111	-0.0091	-0.0071	-2.01E+05	1.298
				5299.010	6202	0	29886	0.0111	-0.0091	-0.0071	-2.35E+05	1.285
				5300.010	6200	0	29923	0.0111	-0.0091	-0.0072	-2.26E+05	1.286
				5301.010	6201	0	29886	0.0111	-0.0091	-0.0071	-2.35E+05	1.287
				5302.010	6201	0	29959	0.0111	-0.0091	-0.0071	-2.44E+05	1.295
				5303.010	6199	0	29886	0.0111	-0.0091	-0.0072	-2.49E+05	1.298
				5304.010	6200	0	29995	0.0111	-0.0091	-0.0072	-2.70E+05	1.299
				5305.010	6199	0	29959	0.0111	-0.0091	-0.0072	-2.69E+05	1.289
				5306.010	6202	0	29959	0.0111	-0.0092	-0.0072	-2.69E+05	1.285
				5307.010	6200	0	29995	0.0111	-0.0092	-0.0072	-2.70E+05	1.289
				5308.000	6200	0	29886	0.0111	-0.0092	-0.0072	-2.70E+05	1.292
				5309.000	6200	0	29959	0.0111	-0.0092	-0.0072	-2.67E+05	1.288
				5310.000	6201	0	29959	0.0111	-0.0092	-0.0072	-2.36E+05	1.296
				5311.000	6200	0	29923	0.0111	-0.0092	-0.0072	-2.19E+05	1.291
				5312.000	6200	0	29959	0.0111	-0.0092	-0.0072	-2.14E+05	1.296
				5313.000	6200	0	29923	0.0111	-0.0092	-0.0073	-1.87E+05	1.304
				5314.000	6200	0	29995	0.0112	-0.0092	-0.0072	-1.78E+05	1.309
				5315.000	6200	0	29923	0.0112	-0.0092	-0.0073	-1.51E+05	1.316
				5316.000	6201	0	29995	0.0112	-0.0092	-0.0073	-1.76E+05	1.326
				5317.000	6199	0	29923	0.0112	-0.0092	-0.0073	-1.63E+05	1.323
				5318.000	6200	0	29923	0.0112	-0.0092	-0.0073	-1.87E+05	1.328
				5319.000	6199	0	29886	0.0112	-0.0092	-0.0073	-1.73E+05	1.324
				5320.000	6201	0	29886	0.0112	-0.0092	-0.0073	-1.58E+05	1.330
				5321.000	6202	0	29959	0.0112	-0.0093	-0.0073	-1.61E+05	1.329
				5322.000	6200	0	29959	0.0112	-0.0093	-0.0073	-1.81E+05	1.334
				5323.000	6200	0	29886	0.0112	-0.0093	-0.0073	-1.94E+05	1.318
				5324.000	6200	0	29886	0.0112	-0.0093	-0.0073	-1.93E+05	1.316
				5325.000	6199	0	29923	0.0112	-0.0093	-0.0073	-2.26E+05	1.309
				5326.000	6199	0	29959	0.0112	-0.0093	-0.0074	-2.09E+05	1.314
				5327.000	6202	0	29923	0.0112	-0.0093	-0.0074	-2.37E+05	1.301
				5328.000	6201	0	29850	0.0112	-0.0093	-0.0074	-2.36E+05	1.301
				5329.000	6202	0	29886	0.0112	-0.0093	-0.0074	-2.77E+05	1.290
				5330.000	6200	0	29923	0.0112	-0.0093	-0.0074	-2.42E+05	1.290
				5331.000	6199	0	29886	0.0112	-0.0093	-0.0074	-2.24E+05	1.303
				5332.000	6200	0	29923	0.0112	-0.0093	-0.0074	-2.19E+05	1.305
				5333.000	6200	0	29923	0.0113	-0.0093	-0.0074	-2.12E+05	1.308
				5334.000	6201	0	29959	0.0113	-0.0093	-0.0074	-2.35E+05	1.303
				5335.000	6200	0	29959	0.0113	-0.0093	-0.0074	-2.11E+05	1.306
				5336.000	6200	0	29886	0.0113	-0.0093	-0.0074	-2.02E+05	1.303
				5337.000	6200	0	29886	0.0113	-0.0094	-0.0074	-2.25E+05	1.307
				5338.000	6201	0	29886	0.0113	-0.0094	-0.0074	-1.95E+05	1.306
				5339.000	6200	0	29923	0.0113	-0.0094	-0.0075	-2.19E+05	1.314
				5339.990	6202	0	29923	0.0113	-0.0094	-0.0075	-2.05E+05	1.302
				5340.990	6199	0	29886	0.0113	-0.0094	-0.0075	-2.06E+05	1.308
				5341.990	6200	0	29923	0.0113	-0.0094	-0.0075	-1.88E+05	1.302
				5342.990	6201	0	29886	0.0113	-0.0094	-0.0075	-1.70E+05	1.307

				5343.990	6201	0	29923	0.0113	-0.0094	-0.0075	-1.67E+05	1.308
				5344.990	6201	0	29923	0.0113	-0.0094	-0.0075	-1.98E+05	1.305
				5345.990	6201	0	29923	0.0113	-0.0094	-0.0075	-2.43E+05	1.308
				5346.990	6200	0	29850	0.0113	-0.0094	-0.0075	-2.37E+05	1.310
				5347.990	6199	0	29886	0.0113	-0.0094	-0.0075	-2.11E+05	1.308
				5348.990	6201	0	29886	0.0113	-0.0094	-0.0075	-2.37E+05	1.311
				5349.990	6200	0	29886	0.0113	-0.0094	-0.0075	-2.43E+05	1.308
				5350.990	6199	0	29959	0.0113	-0.0094	-0.0075	-2.49E+05	1.301
				5351.990	6199	0	29886	0.0114	-0.0095	-0.0076	-2.37E+05	1.308
				5352.990	6200	0	29886	0.0113	-0.0095	-0.0076	-2.42E+05	1.314
				5353.990	6199	0	29850	0.0114	-0.0095	-0.0076	-2.77E+05	1.312
				5354.990	6199	0	29923	0.0114	-0.0095	-0.0076	-2.79E+05	1.309
				5355.990	6201	0	29923	0.0114	-0.0095	-0.0076	-2.78E+05	1.298
				5356.990	6201	0	29886	0.0114	-0.0095	-0.0076	-3.10E+05	1.291
				5357.990	6200	0	29850	0.0114	-0.0095	-0.0076	-2.95E+05	1.298
				5358.990	6201	0	29886	0.0114	-0.0095	-0.0076	-2.76E+05	1.291
				5359.990	6200	0	29923	0.0114	-0.0095	-0.0076	-2.74E+05	1.283
				5360.990	6200	0	29886	0.0114	-0.0095	-0.0076	-2.53E+05	1.290
				5361.990	6199	0	29850	0.0114	-0.0095	-0.0077	-2.62E+05	1.280
				5362.990	6200	0	29923	0.0114	-0.0095	-0.0077	-2.72E+05	1.282
				5363.990	6200	0	29850	0.0114	-0.0095	-0.0077	-2.97E+05	1.282
				5364.990	6200	0	29850	0.0114	-0.0095	-0.0077	-2.88E+05	1.284
				5365.990	6200	0	29886	0.0114	-0.0095	-0.0077	-3.12E+05	1.287
				5366.990	6203	0	29850	0.0114	-0.0095	-0.0077	-3.18E+05	1.293
				5367.990	6202	0	29923	0.0114	-0.0096	-0.0077	-3.02E+05	1.288
				5368.990	6200	0	29886	0.0114	-0.0096	-0.0077	-3.02E+05	1.279
				5369.980	6199	0	29850	0.0114	-0.0096	-0.0077	-2.88E+05	1.282
				5370.980	6199	0	29814	0.0114	-0.0096	-0.0077	-2.71E+05	1.280
				5371.980	6201	0	29850	0.0114	-0.0096	-0.0077	-2.70E+05	1.285
				5372.980	6201	0	29886	0.0114	-0.0096	-0.0077	-2.79E+05	1.274
				5373.980	6200	0	29850	0.0115	-0.0096	-0.0077	-2.92E+05	1.274
				5374.980	6201	0	29886	0.0115	-0.0096	-0.0077	-2.88E+05	1.274
				5375.980	6200	0	29850	0.0115	-0.0096	-0.0077	-2.79E+05	1.261
				5376.980	6200	0	29850	0.0115	-0.0096	-0.0078	-2.41E+05	1.257
				5377.980	6201	0	29850	0.0115	-0.0096	-0.0078	-2.64E+05	1.250
				5378.980	6200	0	29850	0.0115	-0.0096	-0.0078	-2.87E+05	1.251
				5379.980	6201	0	29886	0.0115	-0.0096	-0.0078	-2.75E+05	1.247
				5380.980	6200	0	29850	0.0115	-0.0096	-0.0078	-2.80E+05	1.240
				5381.980	6200	0	29814	0.0115	-0.0096	-0.0078	-2.66E+05	1.249
				5382.980	6202	0	29886	0.0115	-0.0097	-0.0078	-2.67E+05	1.248
				5383.980	6201	0	29886	0.0115	-0.0097	-0.0078	-2.66E+05	1.245
				5384.980	6200	0	29814	0.0115	-0.0097	-0.0078	-2.64E+05	1.237
				5385.980	6201	0	29850	0.0115	-0.0097	-0.0078	-2.44E+05	1.240
				5386.980	6200	0	29850	0.0115	-0.0097	-0.0078	-2.39E+05	1.236
				5387.980	6199	0	29850	0.0115	-0.0097	-0.0078	-2.67E+05	1.245
				5388.980	6199	0	29814	0.0115	-0.0097	-0.0079	-2.45E+05	1.250
				5389.980	6199	0	29850	0.0115	-0.0097	-0.0079	-2.68E+05	1.244
				5390.980	6200	0	29777	0.0115	-0.0097	-0.0079	-2.74E+05	1.244
				5391.980	6200	0	29850	0.0115	-0.0097	-0.0079	-2.48E+05	1.247
				5392.980	6200	0	29850	0.0116	-0.0097	-0.0079	-2.38E+05	1.248
				5393.980	6201	0	29850	0.0116	-0.0097	-0.0079	-2.12E+05	1.257
				5394.980	6200	0	29850	0.0115	-0.0097	-0.0079	-1.99E+05	1.260
				5395.980	6200	0	29850	0.0116	-0.0097	-0.0079	-2.16E+05	1.256
				5396.980	6199	0	29814	0.0116	-0.0097	-0.0079	-2.37E+05	1.264
				5397.980	6200	0	29850	0.0116	-0.0098	-0.0079	-1.94E+05	1.272
				5398.980	6201	0	29814	0.0116	-0.0098	-0.0079	-1.64E+05	1.276
				5399.980	6201	0	29850	0.0116	-0.0098	-0.0079	-1.66E+05	1.274
				5400.980	6201	0	29850	0.0116	-0.0098	-0.0079	-1.50E+05	1.276
				5401.970	6202	0	29850	0.0116	-0.0098	-0.0080	-1.35E+05	1.276
				5402.970	6201	0	29777	0.0116	-0.0098	-0.0080	-1.18E+05	1.282
				5403.970	6200	0	29777	0.0116	-0.0098	-0.0080	-6.74E+04	1.281
				5404.970	6199	0	29886	0.0116	-0.0098	-0.0080	-5.27E+04	1.284
				5405.970	6199	0	29777	0.0116	-0.0098	-0.0080	-3.63E+04	1.286
				5406.970	6201	0	29814	0.0116	-0.0098	-0.0080	-2.15E+04	1.288
				5407.970	6199	0	29814	0.0116	-0.0098	-0.0080	-3.85E+04	1.282
				5408.970	6199	0	29850	0.0116	-0.0098	-0.0080	1.36E+04	1.281
				5409.970	6202	0	29814	0.0116	-0.0098	-0.0080	3.00E+04	1.280
				5410.970	6199	0	29814	0.0116	-0.0098	-0.0080	3.02E+04	1.287
				5411.970	6199	0	29814	0.0117	-0.0098	-0.0080	4.77E+04	1.298
				5412.970	6202	0	29777	0.0116	-0.0098	-0.0081	7.99E+04	1.287
				5413.970	6200	0	29814	0.0116	-0.0099	-0.0081	9.65E+04	1.289
				5414.970	6199	0	29777	0.0117	-0.0099	-0.0081	1.13E+05	1.293
				5415.970	6201	0	29814	0.0117	-0.0099	-0.0081	1.46E+05	1.291
				5416.970	6202	0	29850	0.0117	-0.0099	-0.0081	1.58E+05	1.298
				5417.970	6202	0	29850	0.0117	-0.0099	-0.0081	1.71E+05	1.307
				5418.970	6201	0	29814	0.0117	-0.0099	-0.0081	1.98E+05	1.302

				5419.970	6199	0	29814	0.0117	-0.0099	-0.0081	1.90E+05	1.294
				5420.970	6200	0	29777	0.0117	-0.0099	-0.0081	2.22E+05	1.306
				5421.970	6201	0	29814	0.0117	-0.0099	-0.0081	2.32E+05	1.301
				5422.970	6199	0	29923	0.0117	-0.0099	-0.0081	2.07E+05	1.301
				5423.970	6201	0	29850	0.0117	-0.0099	-0.0081	2.16E+05	1.293
				5424.970	6200	0	29814	0.0117	-0.0099	-0.0081	2.27E+05	1.297
				5425.970	6200	0	29814	0.0117	-0.0099	-0.0081	2.39E+05	1.303
				5426.970	6201	0	29850	0.0117	-0.0099	-0.0082	2.63E+05	1.299
				5427.970	6198	0	29850	0.0117	-0.0099	-0.0082	2.73E+05	1.301
				5428.970	6199	0	29923	0.0117	-0.0099	-0.0082	2.10E+05	1.294
				5429.970	6200	0	29850	0.0117	-0.0100	-0.0082	1.68E+05	1.289
				5430.970	6200	0	29814	0.0117	-0.0100	-0.0082	1.77E+05	1.286
				5431.970	6201	0	29850	0.0117	-0.0100	-0.0082	1.54E+05	1.279
				5432.960	6200	0	29814	0.0118	-0.0100	-0.0082	1.47E+05	1.291
				5433.960	6200	0	29886	0.0118	-0.0100	-0.0082	1.21E+05	1.288
				5434.960	6199	0	29814	0.0118	-0.0100	-0.0082	1.12E+05	1.285
				5435.960	6199	0	29850	0.0118	-0.0100	-0.0082	7.02E+04	1.274
				5436.960	6200	0	29850	0.0118	-0.0100	-0.0082	4.84E+04	1.275
				5437.960	6202	0	29886	0.0118	-0.0100	-0.0082	7.68E+03	1.263
				5438.960	6199	0	29850	0.0118	-0.0100	-0.0083	-1.88E+04	1.271
				5439.960	6200	0	29886	0.0118	-0.0100	-0.0083	-1.33E+04	1.280
				5440.960	6199	0	29886	0.0118	-0.0100	-0.0083	-7.03E+04	1.277
				5441.960	6200	0	29923	0.0118	-0.0100	-0.0083	-9.72E+04	1.278
				5442.960	6199	0	29850	0.0118	-0.0100	-0.0083	-1.06E+05	1.276
				5443.960	6199	0	29886	0.0118	-0.0100	-0.0083	-1.31E+05	1.272
				5444.960	6199	0	29814	0.0118	-0.0101	-0.0083	-1.43E+05	1.283
				5445.960	6202	0	29886	0.0118	-0.0101	-0.0083	-1.67E+05	1.279
				5446.960	6201	0	29850	0.0118	-0.0101	-0.0083	-2.09E+05	1.281
				5447.960	6199	0	29814	0.0118	-0.0101	-0.0083	-2.36E+05	1.284
				5448.960	6200	0	29850	0.0118	-0.0101	-0.0083	-2.09E+05	1.283
				5449.960	6200	0	29886	0.0118	-0.0101	-0.0083	-2.17E+05	1.287
				5450.960	6202	0	29850	0.0118	-0.0101	-0.0084	-2.23E+05	1.286
				5451.960	6200	0	29886	0.0118	-0.0101	-0.0084	-2.47E+05	1.282
				5452.960	6201	0	29850	0.0118	-0.0101	-0.0084	-2.71E+05	1.286
				5453.960	6200	0	29777	0.0119	-0.0101	-0.0084	-2.77E+05	1.290
				5454.960	6199	0	29814	0.0119	-0.0101	-0.0084	-2.48E+05	1.287
				5455.960	6199	0	29814	0.0119	-0.0101	-0.0084	-2.34E+05	1.289
				5456.960	6201	0	29850	0.0119	-0.0101	-0.0084	-2.50E+05	1.279
				5457.960	6200	0	29850	0.0119	-0.0101	-0.0084	-2.37E+05	1.283
				5458.960	6202	0	29814	0.0119	-0.0101	-0.0084	-2.21E+05	1.279
				5459.960	6200	0	29814	0.0119	-0.0101	-0.0084	-2.24E+05	1.283
				5460.960	6199	0	29777	0.0119	-0.0102	-0.0084	-2.59E+05	1.286
				5461.960	6200	0	29814	0.0119	-0.0102	-0.0084	-2.79E+05	1.298
				5462.960	6199	0	29777	0.0119	-0.0102	-0.0084	-2.82E+05	1.307
				5463.960	6200	0	29850	0.0119	-0.0102	-0.0085	-2.63E+05	1.303
				5464.950	6199	0	29886	0.0119	-0.0102	-0.0085	-2.43E+05	1.302
				5465.950	6201	0	29777	0.0119	-0.0102	-0.0085	-2.04E+05	1.295
				5466.950	6202	0	29814	0.0119	-0.0102	-0.0085	-1.84E+05	1.292
				5467.950	6201	0	29814	0.0119	-0.0102	-0.0085	-1.61E+05	1.299
				5468.950	6202	0	29777	0.0119	-0.0102	-0.0085	-1.54E+05	1.303
				5469.950	6199	0	29850	0.0119	-0.0102	-0.0085	-1.29E+05	1.300
				5470.950	6200	0	29814	0.0119	-0.0102	-0.0085	-1.71E+05	1.296
				5471.950	6200	0	29814	0.0119	-0.0102	-0.0085	-1.44E+05	1.303
				5472.950	6200	0	29814	0.0119	-0.0102	-0.0085	-1.49E+05	1.297
				5473.950	6199	0	29814	0.0120	-0.0102	-0.0085	-1.84E+05	1.293
				5474.950	6201	0	29814	0.0120	-0.0102	-0.0085	-2.02E+05	1.291
				5475.950	6199	0	29850	0.0120	-0.0103	-0.0085	-1.70E+05	1.299
				5476.950	6200	0	29814	0.0120	-0.0103	-0.0085	-1.52E+05	1.297
				5477.950	6199	0	29777	0.0120	-0.0103	-0.0086	-1.34E+05	1.297
				5478.950	6199	0	29814	0.0120	-0.0103	-0.0086	-1.31E+05	1.296
				5479.950	6200	0	29814	0.0120	-0.0103	-0.0086	-1.56E+05	1.290
				5480.950	6199	0	29850	0.0120	-0.0103	-0.0086	-1.68E+05	1.288
				5481.950	6200	0	29814	0.0120	-0.0103	-0.0086	-1.77E+05	1.279
				5482.950	6201	0	29850	0.0120	-0.0103	-0.0086	-1.88E+05	1.276
				5483.950	6201	0	29886	0.0120	-0.0103	-0.0086	-1.64E+05	1.283
				5484.950	6200	0	29777	0.0120	-0.0103	-0.0086	-1.71E+05	1.274
				5485.950	6199	0	29777	0.0120	-0.0103	-0.0086	-1.63E+05	1.276
				5486.950	6200	0	29777	0.0120	-0.0103	-0.0086	-1.85E+05	1.275
				5487.950	6199	0	29814	0.0120	-0.0103	-0.0086	-1.77E+05	1.279
				5488.950	6201	0	29814	0.0120	-0.0103	-0.0086	-2.13E+05	1.274
				5489.950	6201	0	29850	0.0120	-0.0103	-0.0087	-2.19E+05	1.284
				5490.950	6201	0	29850	0.0120	-0.0103	-0.0087	-2.23E+05	1.284
				5491.950	6201	0	29814	0.0120	-0.0104	-0.0087	-2.43E+05	1.294
				5492.950	6201	0	29777	0.0120	-0.0104	-0.0087	-2.44E+05	1.289
				5493.950	6201	0	29814	0.0121	-0.0104	-0.0087	-2.44E+05	1.288
				5494.940	6200	0	29814	0.0121	-0.0104	-0.0087	-2.74E+05	1.285

				5495.940	6202	0	29741	0.0121	-0.0104	-0.0087	-2.74E+05	1.291
				5496.940	6201	0	29814	0.0121	-0.0104	-0.0087	-3.02E+05	1.294
				5497.940	6200	0	29777	0.0121	-0.0104	-0.0087	-3.00E+05	1.299
				5498.940	6201	0	29741	0.0121	-0.0104	-0.0087	-2.94E+05	1.296
				5499.940	6199	0	29741	0.0121	-0.0104	-0.0087	-2.88E+05	1.291
				5500.940	6200	0	29814	0.0121	-0.0104	-0.0088	-2.82E+05	1.290
				5501.940	6199	0	29814	0.0121	-0.0104	-0.0087	-2.75E+05	1.295
				5502.940	6199	0	29777	0.0121	-0.0104	-0.0088	-2.67E+05	1.294
				5503.940	6200	0	29777	0.0121	-0.0104	-0.0088	-2.75E+05	1.293
				5504.940	6200	0	29777	0.0121	-0.0104	-0.0088	-2.83E+05	1.297
				5505.940	6201	0	29777	0.0121	-0.0105	-0.0088	-2.89E+05	1.299
				5506.940	6199	0	29777	0.0121	-0.0105	-0.0088	-2.77E+05	1.295
				5507.940	6200	0	29741	0.0121	-0.0105	-0.0088	-2.62E+05	1.289
				5508.940	6200	0	29814	0.0121	-0.0105	-0.0088	-2.49E+05	1.286
				5509.940	6199	0	29777	0.0121	-0.0105	-0.0088	-2.00E+05	1.281
				5510.940	6201	0	29814	0.0121	-0.0105	-0.0088	-2.00E+05	1.286
				5511.940	6199	0	29777	0.0121	-0.0105	-0.0088	-2.01E+05	1.288
				5512.940	6199	0	29814	0.0122	-0.0105	-0.0088	-2.17E+05	1.292
				5513.940	6201	0	29741	0.0122	-0.0105	-0.0089	-2.45E+05	1.296
				5514.940	6199	0	29741	0.0121	-0.0105	-0.0089	-2.40E+05	1.294
				5515.940	6199	0	29705	0.0122	-0.0105	-0.0089	-2.17E+05	1.289
				5516.940	6200	0	29777	0.0122	-0.0105	-0.0089	-1.80E+05	1.289
				5517.940	6200	0	29777	0.0122	-0.0105	-0.0089	-1.70E+05	1.290
				5518.940	6200	0	29777	0.0122	-0.0105	-0.0089	-2.08E+05	1.292
				5519.940	6200	0	29741	0.0122	-0.0105	-0.0089	-1.63E+05	1.288
				5520.940	6199	0	29741	0.0122	-0.0106	-0.0089	-1.51E+05	1.286
				5521.940	6200	0	29705	0.0122	-0.0106	-0.0089	-1.53E+05	1.281
				5522.940	6200	0	29777	0.0122	-0.0106	-0.0089	-1.39E+05	1.280
				5523.940	6200	0	29777	0.0122	-0.0106	-0.0089	-1.41E+05	1.273
				5524.940	6200	0	29777	0.0122	-0.0106	-0.0089	-1.76E+05	1.272
				5525.940	6202	0	29777	0.0122	-0.0106	-0.0090	-1.95E+05	1.279
				5526.930	6200	0	29741	0.0122	-0.0106	-0.0090	-1.65E+05	1.289
				5527.930	6199	0	29777	0.0122	-0.0106	-0.0090	-1.49E+05	1.288
				5528.930	6200	0	29777	0.0122	-0.0106	-0.0090	-1.64E+05	1.275
				5529.930	6201	0	29741	0.0122	-0.0106	-0.0090	-1.45E+05	1.271
				5530.930	6199	0	29741	0.0122	-0.0106	-0.0090	-1.75E+05	1.266
				5531.930	6199	0	29741	0.0123	-0.0106	-0.0090	-1.87E+05	1.266
				5532.930	6199	0	29777	0.0123	-0.0106	-0.0090	-1.66E+05	1.263
				5533.930	6203	0	29741	0.0123	-0.0106	-0.0090	-2.08E+05	1.265
				5534.930	6200	0	29777	0.0123	-0.0106	-0.0090	-1.67E+05	1.258
				5535.930	6199	0	29777	0.0123	-0.0107	-0.0090	-1.14E+05	1.254
				5536.930	6199	0	29777	0.0123	-0.0107	-0.0090	-7.51E+04	1.255
				5537.930	6200	0	29741	0.0123	-0.0107	-0.0090	-1.01E+05	1.254
				5538.930	6200	0	29668	0.0123	-0.0107	-0.0091	-9.16E+04	1.254
				5539.930	6199	0	29741	0.0123	-0.0107	-0.0091	-1.13E+05	1.256
				5540.930	6201	0	29741	0.0123	-0.0107	-0.0091	-1.05E+05	1.268
				5541.930	6199	0	29777	0.0123	-0.0107	-0.0091	-1.09E+05	1.262
				5542.930	6199	0	29741	0.0123	-0.0107	-0.0091	-1.16E+05	1.270
				5543.930	6199	0	29668	0.0123	-0.0107	-0.0091	-9.03E+04	1.271
				5544.930	6199	0	29814	0.0123	-0.0107	-0.0091	-8.01E+04	1.277
				5545.930	6201	0	29741	0.0123	-0.0107	-0.0091	-1.01E+05	1.280
				5546.930	6199	0	29777	0.0123	-0.0107	-0.0091	-8.96E+04	1.282
				5547.930	6200	0	29741	0.0123	-0.0107	-0.0091	-1.14E+05	1.288
				5548.930	6200	0	29741	0.0123	-0.0107	-0.0091	-1.04E+05	1.293
				5549.930	6199	0	29705	0.0123	-0.0107	-0.0091	-1.08E+05	1.297
				5550.930	6202	0	29741	0.0123	-0.0107	-0.0092	-9.48E+04	1.297
				5551.930	6198	0	29777	0.0123	-0.0108	-0.0092	-1.15E+05	1.296
				5552.930	6199	0	29741	0.0123	-0.0108	-0.0092	-1.33E+05	1.297
				5553.930	6201	0	29705	0.0124	-0.0108	-0.0092	-1.33E+05	1.294
				5554.930	6201	0	29777	0.0124	-0.0108	-0.0092	-1.32E+05	1.292
				5555.930	6200	0	29668	0.0124	-0.0108	-0.0092	-1.47E+05	1.292
				5556.930	6201	0	29705	0.0124	-0.0108	-0.0092	-1.95E+05	1.298
				5557.920	6199	0	29777	0.0124	-0.0108	-0.0092	-1.92E+05	1.301
				5558.920	6201	0	29668	0.0124	-0.0108	-0.0092	-2.03E+05	1.307
				5559.920	6201	0	29777	0.0124	-0.0108	-0.0092	-1.98E+05	1.312
				5560.920	6199	0	29850	0.0124	-0.0108	-0.0092	-1.92E+05	1.318
				5561.920	6200	0	29777	0.0124	-0.0108	-0.0092	-1.83E+05	1.316
				5562.920	6200	0	29668	0.0124	-0.0108	-0.0092	-1.90E+05	1.307
				5563.920	6199	0	29705	0.0124	-0.0108	-0.0093	-1.96E+05	1.308
				5564.920	6200	0	29705	0.0124	-0.0108	-0.0093	-2.72E+05	1.316
				5565.920	6201	0	29777	0.0124	-0.0108	-0.0093	-2.73E+05	1.306
				5566.920	6199	0	29777	0.0124	-0.0109	-0.0093	-3.09E+05	1.307
				5567.920	6200	0	29705	0.0124	-0.0109	-0.0093	-3.28E+05	1.318
				5568.920	6200	0	29777	0.0124	-0.0109	-0.0093	-3.43E+05	1.311
				5569.920	6199	0	29741	0.0124	-0.0109	-0.0093	-3.95E+05	1.307
				5570.920	6199	0	29705	0.0124	-0.0109	-0.0093	-3.55E+05	1.303

				5571.920	6199	0	29777	0.0125	-0.0109	-0.0093	-3.21E+05	1.307
				5572.920	6199	0	29741	0.0125	-0.0109	-0.0093	-3.16E+05	1.307
				5573.920	6203	0	29741	0.0124	-0.0109	-0.0093	-3.09E+05	1.303
				5574.920	6200	0	29705	0.0125	-0.0109	-0.0093	-3.16E+05	1.289
				5575.920	6199	0	29741	0.0125	-0.0109	-0.0093	-3.23E+05	1.281
				5576.920	6199	0	29668	0.0125	-0.0109	-0.0094	-3.33E+05	1.284
				5577.920	6201	0	29705	0.0125	-0.0109	-0.0094	-3.07E+05	1.290
				5578.920	6200	0	29705	0.0125	-0.0109	-0.0094	-2.78E+05	1.290
				5579.920	6199	0	29705	0.0125	-0.0109	-0.0094	-2.96E+05	1.278
				5580.920	6200	0	29705	0.0125	-0.0109	-0.0094	-2.68E+05	1.276
				5581.920	6200	0	29632	0.0125	-0.0109	-0.0094	-2.84E+05	1.265
				5582.920	6200	0	29741	0.0125	-0.0110	-0.0094	-2.74E+05	1.265
				5583.920	6199	0	29668	0.0125	-0.0110	-0.0094	-2.62E+05	1.263
				5584.920	6200	0	29741	0.0125	-0.0110	-0.0094	-2.99E+05	1.263
				5585.920	6201	0	29705	0.0125	-0.0110	-0.0094	-2.67E+05	1.251
				5586.920	6199	0	29705	0.0125	-0.0110	-0.0094	-2.34E+05	1.249
				5587.920	6199	0	29668	0.0125	-0.0110	-0.0094	-2.15E+05	1.248
				5588.920	6199	0	29705	0.0125	-0.0110	-0.0095	-2.42E+05	1.245
				5589.910	6199	0	29632	0.0125	-0.0110	-0.0095	-2.55E+05	1.244
				5590.910	6201	0	29705	0.0126	-0.0110	-0.0095	-2.98E+05	1.250
				5591.910	6199	0	29632	0.0125	-0.0110	-0.0095	-2.91E+05	1.251
				5592.910	6200	0	29632	0.0125	-0.0110	-0.0095	-2.82E+05	1.243
				5593.910	6200	0	29668	0.0126	-0.0110	-0.0095	-3.18E+05	1.238
				5594.910	6202	0	29668	0.0126	-0.0110	-0.0095	-2.88E+05	1.241
				5595.910	6201	0	29705	0.0126	-0.0110	-0.0095	-2.73E+05	1.249
				5596.910	6200	0	29777	0.0126	-0.0110	-0.0095	-2.74E+05	1.253
				5597.910	6199	0	29668	0.0126	-0.0110	-0.0095	-2.72E+05	1.251
				5598.910	6201	0	29705	0.0126	-0.0111	-0.0095	-2.53E+05	1.255
				5599.910	6200	0	29668	0.0126	-0.0111	-0.0095	-2.30E+05	1.258
				5600.910	6200	0	29705	0.0126	-0.0111	-0.0095	-2.41E+05	1.267
				5601.910	6199	0	29668	0.0126	-0.0111	-0.0095	-2.15E+05	1.265
				5602.910	6200	0	29705	0.0126	-0.0111	-0.0096	-2.54E+05	1.269
				5603.910	6199	0	29741	0.0126	-0.0111	-0.0096	-2.75E+05	1.265
				5604.910	6199	0	29668	0.0126	-0.0111	-0.0096	-2.94E+05	1.265
				5605.910	6200	0	29705	0.0126	-0.0111	-0.0096	-2.96E+05	1.269
				5606.910	6199	0	29705	0.0126	-0.0111	-0.0096	-2.95E+05	1.262
				5607.910	6201	0	29741	0.0126	-0.0111	-0.0096	-3.26E+05	1.259
				5608.910	6199	0	29668	0.0126	-0.0111	-0.0096	-3.25E+05	1.266
				5609.910	6198	0	29668	0.0126	-0.0111	-0.0096	-3.40E+05	1.271
				5610.910	6199	0	29705	0.0126	-0.0111	-0.0096	-3.19E+05	1.274
				5611.910	6201	0	29632	0.0126	-0.0111	-0.0096	-2.96E+05	1.278
				5612.910	6201	0	29668	0.0127	-0.0111	-0.0096	-2.73E+05	1.280
				5613.910	6199	0	29668	0.0127	-0.0111	-0.0096	-2.96E+05	1.257
				5614.910	6201	0	29668	0.0127	-0.0112	-0.0096	-3.04E+05	1.264
				5615.910	6199	0	29596	0.0127	-0.0112	-0.0097	-3.34E+05	1.275
				5616.910	6201	0	29632	0.0127	-0.0112	-0.0097	-3.08E+05	1.274
				5617.910	6200	0	29632	0.0127	-0.0112	-0.0097	-2.87E+05	1.281
				5618.910	6199	0	29596	0.0127	-0.0112	-0.0097	-3.17E+05	1.290
				5619.900	6199	0	29668	0.0127	-0.0112	-0.0097	-3.05E+05	1.285
				5620.900	6200	0	29668	0.0127	-0.0112	-0.0097	-3.28E+05	1.281
				5621.900	6200	0	29668	0.0127	-0.0112	-0.0097	-3.34E+05	1.282
				5622.900	6200	0	29596	0.0127	-0.0112	-0.0097	-2.68E+05	1.285
				5623.900	6202	0	29668	0.0127	-0.0112	-0.0097	-2.71E+05	1.286
				5624.900	6203	0	29668	0.0127	-0.0112	-0.0097	-2.41E+05	1.289
				5625.900	6200	0	29632	0.0127	-0.0112	-0.0097	-1.81E+05	1.266
				5626.900	6199	0	29668	0.0127	-0.0112	-0.0097	-1.36E+05	1.267
				5627.900	6199	0	29596	0.0127	-0.0112	-0.0098	-1.23E+05	1.264
				5628.900	6200	0	29596	0.0127	-0.0112	-0.0098	-9.32E+04	1.270
				5629.900	6201	0	29596	0.0127	-0.0113	-0.0098	-6.15E+04	1.271
				5630.900	6199	0	29632	0.0127	-0.0113	-0.0098	-4.56E+04	1.271
				5631.900	6200	0	29632	0.0128	-0.0113	-0.0098	-2.80E+04	1.259
				5632.900	6199	0	29632	0.0128	-0.0113	-0.0098	-1.09E+04	1.254
				5633.900	6201	0	29596	0.0128	-0.0113	-0.0098	1.33E+04	1.261
				5634.900	6201	0	29632	0.0128	-0.0113	-0.0098	1.87E+04	1.262
				5635.900	6202	0	29632	0.0128	-0.0113	-0.0098	2.39E+04	1.257
				5636.900	6199	0	29668	0.0128	-0.0113	-0.0098	2.96E+04	1.253
				5637.900	6202	0	29668	0.0128	-0.0113	-0.0098	2.02E+04	1.240
				5638.900	6200	0	29596	0.0128	-0.0113	-0.0098	-4.92E+03	1.238
				5639.900	6200	0	29596	0.0128	-0.0113	-0.0098	-9.32E+03	1.244
				5640.900	6202	0	29632	0.0128	-0.0113	-0.0099	2.07E+03	1.244
				5641.900	6200	0	29668	0.0128	-0.0113	-0.0099	-2.10E+04	1.249
				5642.900	6200	0	29741	0.0128	-0.0113	-0.0099	1.22E+04	1.232
				5643.900	6201	0	29632	0.0128	-0.0113	-0.0099	-1.45E+04	1.207
				5644.900	6199	0	29668	0.0128	-0.0113	-0.0099	-3.53E+04	1.211
				5645.900	6199	0	29596	0.0128	-0.0114	-0.0099	-5.48E+04	1.216
				5646.900	6199	0	29596	0.0128	-0.0114	-0.0099	-7.33E+04	1.219

				5647.900	6201	0	29668	0.0128	-0.0114	-0.0099	-5.98E+04	1.225
				5648.900	6201	0	29632	0.0128	-0.0114	-0.0099	-9.40E+04	1.228
				5649.900	6199	0	29668	0.0128	-0.0114	-0.0099	-7.88E+04	1.232
				5650.900	6200	0	29741	0.0129	-0.0114	-0.0099	-4.90E+04	1.236
				5651.890	6199	0	29705	0.0128	-0.0114	-0.0099	-5.07E+04	1.242
				5652.890	6200	0	29668	0.0128	-0.0114	-0.0099	-3.57E+04	1.244
				5653.890	6200	0	29668	0.0128	-0.0114	-0.0100	-3.91E+04	1.254
				5654.890	6200	0	29632	0.0129	-0.0114	-0.0100	-5.76E+04	1.253
				5655.890	6200	0	29668	0.0129	-0.0114	-0.0100	-7.83E+04	1.256
				5656.890	6201	0	29632	0.0129	-0.0114	-0.0099	-9.91E+04	1.264
				5657.890	6200	0	29632	0.0129	-0.0114	-0.0100	-1.17E+05	1.267
				5658.890	6199	0	29596	0.0129	-0.0114	-0.0100	-1.03E+05	1.271
				5659.890	6199	0	29632	0.0129	-0.0114	-0.0100	-1.22E+05	1.273
				5660.890	6200	0	29632	0.0129	-0.0114	-0.0100	-1.26E+05	1.276
				5661.890	6199	0	29596	0.0129	-0.0115	-0.0100	-1.27E+05	1.269
				5662.890	6201	0	29632	0.0129	-0.0115	-0.0100	-1.46E+05	1.269
				5663.890	6199	0	29559	0.0129	-0.0115	-0.0100	-1.31E+05	1.276
				5664.890	6199	0	29596	0.0129	-0.0115	-0.0100	-1.27E+05	1.267
				5665.890	6199	0	29632	0.0129	-0.0115	-0.0100	-1.46E+05	1.276
				5666.890	6200	0	29632	0.0129	-0.0115	-0.0100	-1.36E+05	1.289
				5667.890	6200	0	29705	0.0129	-0.0115	-0.0100	-1.39E+05	1.288
				5668.890	6199	0	29596	0.0130	-0.0115	-0.0100	-7.86E+04	1.305
				5669.890	6199	0	29632	0.0129	-0.0115	-0.0101	-1.11E+05	1.321
				5670.890	6199	0	29559	0.0129	-0.0115	-0.0101	-1.26E+05	1.326
				5671.890	6199	0	29559	0.0129	-0.0115	-0.0101	-1.56E+05	1.330
				5672.890	6200	0	29632	0.0129	-0.0115	-0.0101	-1.89E+05	1.336
				5673.890	6199	0	29596	0.0129	-0.0115	-0.0101	-1.84E+05	1.327
				5674.890	6201	0	29632	0.0130	-0.0115	-0.0101	-1.83E+05	1.339
				5675.890	6200	0	29668	0.0130	-0.0115	-0.0101	-1.79E+05	1.353
				5676.890	6199	0	29632	0.0130	-0.0115	-0.0101	-9.80E+04	1.346
				5677.890	6200	0	29632	0.0130	-0.0116	-0.0101	-8.77E+04	1.355
				5678.890	6200	0	29668	0.0130	-0.0116	-0.0102	-7.84E+04	1.355
				5679.890	6200	0	29632	0.0130	-0.0116	-0.0102	-8.50E+04	1.357
				5680.890	6201	0	29632	0.0130	-0.0116	-0.0102	-1.06E+05	1.366
				5681.890	6200	0	29596	0.0130	-0.0116	-0.0102	-7.59E+04	1.376
				5682.880	6201	0	29596	0.0130	-0.0116	-0.0102	-6.25E+04	1.372
				5683.880	6201	0	29668	0.0130	-0.0116	-0.0102	-4.87E+04	1.376
				5684.880	6199	0	29632	0.0130	-0.0116	-0.0102	-7.04E+04	1.383
				5685.880	6201	0	29632	0.0130	-0.0116	-0.0102	-5.39E+04	1.372
				5686.880	6200	0	29632	0.0130	-0.0116	-0.0102	-5.67E+04	1.367
				5687.880	6199	0	29559	0.0130	-0.0116	-0.0102	-4.31E+04	1.370
				5688.880	6199	0	29632	0.0130	-0.0116	-0.0102	-4.69E+04	1.357
				5689.880	6200	0	29668	0.0130	-0.0116	-0.0102	-5.17E+04	1.361
				5690.880	6199	0	29632	0.0130	-0.0116	-0.0103	-6.00E+04	1.378
				5691.880	6199	0	29668	0.0130	-0.0117	-0.0103	-8.48E+04	1.369
				5692.880	6199	0	29596	0.0131	-0.0117	-0.0103	-1.23E+05	1.365
				5693.880	6199	0	29668	0.0130	-0.0117	-0.0103	-8.02E+04	1.350
				5694.880	6199	0	29559	0.0130	-0.0117	-0.0103	-9.28E+04	1.340
				5695.880	6200	0	29559	0.0131	-0.0117	-0.0103	-9.36E+04	1.344
				5696.880	6200	0	29596	0.0131	-0.0117	-0.0103	-1.28E+05	1.343
				5697.880	6201	0	29596	0.0131	-0.0117	-0.0103	-1.44E+05	1.336
				5698.880	6199	0	29596	0.0131	-0.0117	-0.0103	-1.31E+05	1.341
				5699.880	6200	0	29632	0.0131	-0.0117	-0.0104	-1.67E+05	1.339
				5700.880	6201	0	29596	0.0131	-0.0117	-0.0104	-1.67E+05	1.336
				5701.880	6200	0	29705	0.0131	-0.0117	-0.0104	-1.51E+05	1.342
				5702.880	6200	0	29559	0.0131	-0.0117	-0.0104	-1.66E+05	1.344
				5703.880	6200	0	29596	0.0131	-0.0117	-0.0104	-1.64E+05	1.337
				5704.880	6202	0	29559	0.0131	-0.0117	-0.0104	-1.77E+05	1.337
				5705.880	6200	0	29559	0.0131	-0.0117	-0.0104	-2.03E+05	1.335
				5706.880	6199	0	29632	0.0131	-0.0118	-0.0104	-2.11E+05	1.327
				5707.880	6200	0	29632	0.0131	-0.0118	-0.0104	-2.33E+05	1.322
				5708.880	6199	0	29632	0.0131	-0.0118	-0.0104	-2.57E+05	1.328
				5709.880	6199	0	29596	0.0131	-0.0118	-0.0104	-2.12E+05	1.320
				5710.880	6200	0	29632	0.0132	-0.0118	-0.0104	-1.89E+05	1.325
				5711.880	6199	0	29596	0.0131	-0.0118	-0.0104	-1.64E+05	1.324
				5712.880	6200	0	29668	0.0131	-0.0118	-0.0104	-1.53E+05	1.314
				5713.880	6200	0	29596	0.0132	-0.0118	-0.0105	-1.89E+05	1.318
				5714.870	6200	0	29668	0.0131	-0.0118	-0.0105	-1.79E+05	1.322
				5715.870	6200	0	29632	0.0131	-0.0118	-0.0105	-1.47E+05	1.295
				5716.870	6199	0	29559	0.0132	-0.0118	-0.0105	-1.50E+05	1.296
				5717.870	6199	0	29523	0.0132	-0.0118	-0.0105	-1.20E+05	1.298
				5718.870	6200	0	29632	0.0132	-0.0118	-0.0105	-1.34E+05	1.293
				5719.870	6202	0	29596	0.0132	-0.0118	-0.0105	-8.68E+04	1.312
				5720.870	6199	0	29596	0.0132	-0.0119	-0.0105	-1.35E+05	1.322
				5721.870	6200	0	29596	0.0132	-0.0119	-0.0105	-1.83E+05	1.314
				5722.870	6199	0	29632	0.0132	-0.0119	-0.0105	-1.96E+05	1.314

				5723.870	6199	0	29632	0.0132	-0.0119	-0.0105	-2.09E+05	1.317
				5724.870	6199	0	29559	0.0132	-0.0119	-0.0105	-2.06E+05	1.315
				5725.870	6199	0	29596	0.0132	-0.0119	-0.0106	-2.04E+05	1.323
				5726.870	6202	0	29596	0.0132	-0.0119	-0.0106	-2.17E+05	1.331
				5727.870	6201	0	29559	0.0132	-0.0119	-0.0106	-1.95E+05	1.322
				5728.870	6203	0	29596	0.0132	-0.0119	-0.0106	-2.68E+05	1.326
				5729.870	6201	0	29523	0.0132	-0.0119	-0.0106	-2.89E+05	1.325
				5730.870	6200	0	29523	0.0132	-0.0119	-0.0106	-3.05E+05	1.316
				5731.870	6201	0	29559	0.0132	-0.0119	-0.0106	-3.43E+05	1.321
				5732.870	6199	0	29559	0.0133	-0.0119	-0.0106	-3.33E+05	1.325
				5733.870	6199	0	29559	0.0133	-0.0119	-0.0106	-3.18E+05	1.321
				5734.870	6199	0	29632	0.0133	-0.0119	-0.0106	-3.06E+05	1.325
				5735.870	6200	0	29632	0.0133	-0.0120	-0.0107	-3.08E+05	1.326
				5736.870	6200	0	29632	0.0133	-0.0120	-0.0107	-3.07E+05	1.319
				5737.870	6199	0	29596	0.0133	-0.0120	-0.0107	-3.20E+05	1.314
				5738.870	6200	0	29559	0.0133	-0.0120	-0.0107	-3.00E+05	1.314
				5739.870	6201	0	29596	0.0133	-0.0120	-0.0107	-3.06E+05	1.293
				5740.870	6199	0	29596	0.0133	-0.0120	-0.0107	-3.12E+05	1.298
				5741.870	6200	0	29559	0.0133	-0.0120	-0.0107	-3.04E+05	1.314
				5742.870	6200	0	29596	0.0133	-0.0120	-0.0107	-3.21E+05	1.311
				5743.870	6199	0	29559	0.0133	-0.0120	-0.0107	-3.56E+05	1.311
				5744.870	6200	0	29632	0.0133	-0.0120	-0.0107	-3.43E+05	1.311
				5745.860	6200	0	29523	0.0133	-0.0120	-0.0107	-3.23E+05	1.302
				5746.860	6201	0	29523	0.0133	-0.0120	-0.0107	-3.24E+05	1.301
				5747.860	6201	0	29559	0.0133	-0.0120	-0.0108	-3.23E+05	1.300
				5748.860	6202	0	29559	0.0133	-0.0120	-0.0108	-3.20E+05	1.295
				5749.860	6199	0	29596	0.0133	-0.0121	-0.0108	-2.99E+05	1.297
				5750.860	6199	0	29559	0.0133	-0.0121	-0.0108	-3.09E+05	1.296
				5751.860	6200	0	29559	0.0134	-0.0121	-0.0108	-2.61E+05	1.282
				5752.860	6200	0	29523	0.0134	-0.0121	-0.0108	-2.52E+05	1.275
				5753.860	6199	0	29450	0.0134	-0.0121	-0.0108	-2.91E+05	1.283
				5754.860	6199	0	29523	0.0134	-0.0121	-0.0108	-2.79E+05	1.275
				5755.860	6200	0	29559	0.0134	-0.0121	-0.0108	-2.73E+05	1.280
				5756.860	6199	0	29523	0.0134	-0.0121	-0.0108	-2.95E+05	1.277
				5757.860	6199	0	29559	0.0134	-0.0121	-0.0108	-3.00E+05	1.273
				5758.860	6199	0	29559	0.0134	-0.0121	-0.0108	-3.03E+05	1.267
				5759.860	6200	0	29559	0.0134	-0.0121	-0.0109	-2.94E+05	1.272
				5760.860	6201	0	29559	0.0134	-0.0121	-0.0109	-2.67E+05	1.264
				5761.860	6200	0	29523	0.0134	-0.0121	-0.0109	-2.23E+05	1.276
				5762.860	6201	0	29523	0.0134	-0.0121	-0.0109	-1.75E+05	1.278
				5763.860	6199	0	29523	0.0134	-0.0121	-0.0109	-1.75E+05	1.272
				5764.860	6200	0	29523	0.0134	-0.0122	-0.0109	-1.89E+05	1.268
				5765.860	6199	0	29450	0.0134	-0.0122	-0.0109	-1.70E+05	1.276
				5766.860	6199	0	29523	0.0134	-0.0122	-0.0109	-1.53E+05	1.267
				5767.860	6200	0	29523	0.0134	-0.0122	-0.0109	-1.31E+05	1.266
				5768.860	6199	0	29523	0.0134	-0.0122	-0.0109	-1.10E+05	1.262
				5769.860	6199	0	29523	0.0134	-0.0122	-0.0109	-1.02E+05	1.258
				5770.860	6200	0	29559	0.0135	-0.0122	-0.0109	-7.68E+04	1.257
				5771.860	6201	0	29523	0.0134	-0.0122	-0.0110	-5.73E+04	1.270
				5772.860	6200	0	29523	0.0135	-0.0122	-0.0110	-7.78E+04	1.271
				5773.860	6201	0	29487	0.0135	-0.0122	-0.0110	-6.91E+04	1.281
				5774.860	6199	0	29523	0.0135	-0.0122	-0.0110	-5.88E+04	1.292
				5775.850	6201	0	29523	0.0135	-0.0122	-0.0110	-4.57E+04	1.298
				5776.850	6199	0	29596	0.0135	-0.0122	-0.0110	-4.89E+04	1.300
				5777.850	6200	0	29523	0.0135	-0.0122	-0.0110	-4.93E+04	1.310
				5778.850	6199	0	29450	0.0135	-0.0122	-0.0110	-6.53E+04	1.305
				5779.850	6200	0	29523	0.0135	-0.0123	-0.0110	-1.01E+05	1.314
				5780.850	6199	0	29596	0.0135	-0.0123	-0.0110	-1.04E+05	1.322
				5781.850	6199	0	29523	0.0135	-0.0123	-0.0110	-8.73E+04	1.309
				5782.850	6201	0	29523	0.0135	-0.0123	-0.0110	-1.05E+05	1.309
				5783.850	6199	0	29523	0.0135	-0.0123	-0.0110	-9.04E+04	1.316
				5784.850	6201	0	29559	0.0135	-0.0123	-0.0111	-8.99E+04	1.314
				5785.850	6200	0	29523	0.0135	-0.0123	-0.0111	-5.75E+04	1.324
				5786.850	6199	0	29559	0.0135	-0.0123	-0.0111	-3.86E+04	1.328
				5787.850	6201	0	29559	0.0135	-0.0123	-0.0111	-5.40E+04	1.327
				5788.850	6200	0	29487	0.0136	-0.0123	-0.0111	-5.13E+04	1.326
				5789.850	6199	0	29487	0.0136	-0.0123	-0.0111	-6.40E+04	1.338
				5790.850	6200	0	29523	0.0135	-0.0123	-0.0111	-9.38E+04	1.320
				5791.850	6199	0	29523	0.0135	-0.0123	-0.0111	-1.41E+05	1.325
				5792.850	6200	0	29559	0.0136	-0.0123	-0.0111	-1.54E+05	1.335
				5793.850	6199	0	29523	0.0136	-0.0123	-0.0111	-1.50E+05	1.339
				5794.850	6200	0	29523	0.0136	-0.0124	-0.0111	-1.62E+05	1.333
				5795.850	6199	0	29487	0.0136	-0.0124	-0.0111	-1.58E+05	1.335
				5796.850	6201	0	29596	0.0136	-0.0124	-0.0112	-1.53E+05	1.331
				5797.850	6199	0	29487	0.0136	-0.0124	-0.0112	-1.64E+05	1.341
				5798.850	6199	0	29523	0.0136	-0.0124	-0.0112	-1.71E+05	1.344

				5799.850	6199	0	29523	0.0136	-0.0124	-0.0112	-1.97E+05	1.347
				5800.850	6200	0	29487	0.0136	-0.0124	-0.0112	-2.07E+05	1.349
				5801.850	6200	0	29487	0.0136	-0.0124	-0.0112	-2.18E+05	1.354
				5802.850	6201	0	29487	0.0136	-0.0124	-0.0112	-1.89E+05	1.341
				5803.850	6201	0	29487	0.0136	-0.0124	-0.0112	-1.93E+05	1.330
				5804.850	6200	0	29523	0.0136	-0.0124	-0.0112	-2.54E+05	1.338
				5805.850	6200	0	29523	0.0136	-0.0124	-0.0112	-2.67E+05	1.336
				5806.850	6199	0	29523	0.0136	-0.0124	-0.0112	-2.28E+05	1.346
				5807.840	6199	0	29487	0.0136	-0.0124	-0.0112	-2.36E+05	1.341
				5808.840	6201	0	29523	0.0136	-0.0124	-0.0113	-2.45E+05	1.337
				5809.840	6201	0	29487	0.0136	-0.0125	-0.0113	-2.53E+05	1.327
				5810.840	6199	0	29559	0.0136	-0.0125	-0.0113	-2.33E+05	1.328
				5811.840	6199	0	29523	0.0137	-0.0125	-0.0113	-2.41E+05	1.324
				5812.840	6202	0	29487	0.0137	-0.0125	-0.0113	-2.13E+05	1.333
				5813.840	6200	0	29523	0.0137	-0.0125	-0.0113	-1.80E+05	1.327
				5814.840	6199	0	29487	0.0137	-0.0125	-0.0113	-2.11E+05	1.309
				5815.840	6201	0	29450	0.0137	-0.0125	-0.0113	-2.40E+05	1.286
				5816.840	6199	0	29487	0.0137	-0.0125	-0.0113	-2.47E+05	1.287
				5817.840	6201	0	29487	0.0137	-0.0125	-0.0113	-2.55E+05	1.291
				5818.840	6202	0	29523	0.0137	-0.0125	-0.0113	-2.14E+05	1.274
				5819.840	6201	0	29487	0.0137	-0.0125	-0.0113	-2.10E+05	1.253
				5820.840	6200	0	29523	0.0137	-0.0125	-0.0114	-2.03E+05	1.224
				5821.840	6199	0	29487	0.0137	-0.0125	-0.0114	-2.33E+05	1.191
				5822.840	6199	0	29487	0.0137	-0.0125	-0.0114	-9.79E+04	1.194