

25BCS001 (Stage 1)									25BCS001 (Stage 2)									25BCS001 (Stage 3)									25BCS001 (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]	[-]
1996.240	1201	0	0	0.0000	0.0000	0.0000			1420.810	2201	0	0	0.0000	0.0000	0.0000			1462.320	4201	0	0	0.0000	0.0000	0.0000			2882.940	6199	0	0	0.0000	0.0000	0.0000		
1997.240	1203	0	-16	0.0000	0.0000	0.0000			1421.810	2201	0	0	0.0000	0.0000	0.0000			1463.320	4201	0	16	0.0000	0.0000	0.0000			2883.940	6199	0	16	0.0000	0.0000	0.0000		
1998.240	1201	0	0	0.0000	0.0000	0.0000			1422.810	2200	0	0	0.0000	0.0000	0.0000			1464.320	4200	0	16	0.0000	0.0000	0.0000			2884.940	6198	0	16	0.0000	0.0000	0.0000		
1999.240	1199	0	-16	0.0000	0.0000	0.0000			1423.810	2201	0	0	0.0000	0.0000	0.0000			1465.320	4201	0	31	0.0000	0.0000	0.0000			2885.940	6197	0	63	0.0000	0.0000	0.0000		
2000.240	1202	0	-16	0.0000	0.0000	0.0000			1424.810	2201	0	-16	0.0000	0.0000	0.0000			1466.320	4202	0	31	0.0000	0.0000	0.0000			2886.940	6198	0	282	0.0001	0.0000	0.0000		
2001.240	1200	0	-16	0.0000	0.0000	0.0000			1425.810	2201	0	16	0.0000	0.0000	0.0000			1467.320	4201	0	47	0.0000	0.0000	0.0000			2887.940	6198	0	439	0.0001	-0.0001	0.0000		
2002.240	1201	0	-16	0.0000	0.0000	0.0000			1426.810	2201	0	31	0.0000	0.0000	0.0000			1468.320	4202	0	16	0.0000	0.0000	0.0000			2888.940	6196	0	407	0.0001	-0.0001	0.0000		
2003.240	1201	0	16	0.0000	0.0000	0.0000			1427.810	2202	0	16	0.0000	0.0000	0.0000			1469.320	4201	0	31	0.0000	0.0000	0.0000			2889.940	6198	0	423	0.0001	-0.0001	0.0000		
2004.240	1201	0	16	0.0000	0.0000	0.0000			1428.810	2201	0	16	0.0001	0.0000	0.0001			1470.320	4200	0	31	0.0000	0.0000	0.0000			2890.940	6198	0	470	0.0001	-0.0001	0.0000		
2005.240	1202	0	16	0.0000	0.0000	0.0000			1429.810	2201	0	16	0.0001	0.0000	0.0001			1471.320	4203	0	47	0.0000	0.0000	0.0000			2891.940	6197	0	454	0.0001	-0.0001	0.0000		
2006.240	1202	0	31	0.0000	0.0000	0.0000			1430.810	2200	0	47	0.0001	0.0000	0.0001			1472.320	4203	0	78	0.0000	0.0000	0.0000			2892.940	6196	0	439	0.0002	-0.0001	0.0000		
2007.240	1200	0	0	0.0000	0.0000	0.0000			1431.810	2201	0	16	0.0001	0.0000	0.0001			1473.320	4202	0	94	0.0000	0.0000	0.0000			2893.940	6196	0	439	0.0002	-0.0001	0.0000		
2008.240	1201	0	-16	0.0000	0.0000	0.0000			1432.810	2200	0	16	0.0001	0.0000	0.0001			1474.320	4201	0	392	0.0000	0.0000	0.0000			2894.940	6198	0	470	0.0002	-0.0001	0.0000		
2009.240	1201	0	-16	0.0000	0.0000	0.0000			1433.810	2201	0	0	0.0001	0.0000	0.0001			1475.320	4202	0	1049	0.0002	0.0000	0.0001			2895.940	6198	0	486	0.0002	-0.0001	0.0000		
2010.240	1201	0	0	0.0000	0.0000	0.0000			1434.810	2201	0	31	0.0001	0.0000	0.0001			1476.320	4200	0	1222	0.0002	0.0000	0.0002			2896.940	6197	0	501	0.0002	-0.0001	0.0000		
2011.240	1201	0	16	0.0000	0.0000	0.0000			1435.810	2200	0	-16	0.0001	0.0000	0.0001			1477.320	4201	0	1175	0.0002	0.0000	0.0002			2897.940	6198	0	517	0.0002	-0.0001	0.0000		
2012.240	1201	0	16	0.0000	0.0000	0.0000			1436.800	2201	0	-16	0.0001	0.0000	0.0001			1478.320	4200	0	1034	0.0002	0.0000	0.0002			2898.940	6197	0	517	0.0002	-0.0001	0.0000		
2013.240	1202	0	47	0.0000	0.0000	0.0000			1437.800	2200	0	16	0.0000	0.0000	0.0000			1479.320	4199	0	955	0.0002	0.0000	0.0002			2899.930	6196	0	517	0.0002	-0.0001	0.0000		
2014.240	1201	0	0	0.0000	0.0000	0.0000			1438.800	2202	0	31	0.0000	0.0000	0.0000			1480.320	4201	0	908	0.0002	0.0000	0.0002			2900.930	6195	0	517	0.0002	-0.0001	0.0000		
2015.240	1201	0	16	0.0000	0.0000	0.0000			1439.800	2201	0	47	0.0000	0.0000	0.0000			1481.310	4200	0	955	0.0002	0.0000	0.0002			2901.930	6196	0	564	0.0002	-0.0001	0.0000		
2016.240	1201	0	16	0.0000	0.0000	0.0000			1440.800	2202	0	47	0.0000	0.0000	0.0000			1482.310	4200	0	1128	0.0002	0.0000	0.0002			2902.930	6197	0	548	0.0002	-0.0001	0.0000		
2017.240	1201	0	31	0.0000	0.0000	0.0000			1441.800	2201	0	63	0.0000	0.0000	0.0000			1483.310	4199	0	1206	0.0002	0.0000	0.0002			2903.930	6197	0	579	0.0002	-0.0001	0.0000		
2018.240	1203	0	0	0.0000	0.0000	0.0000			1442.800	2202	0	376	0.0001	0.0000	0.0001			1484.310	4201	0	1269	0.0002	0.0000	0.0002			2904.930	6197	0	564	0.0002	-0.00010			

2068.150	1202	0	595	0.0003	0.0000	0.0002	2.03E+06	0.057	1492.790	2201	0	1409	0.0004	0.0000	0.0003	3.44E+06	0.124	1534.300	4200	0	2474	0.0005	-0.0001	0.0004	5.19E+06	0.126	2954.920	6197	0	1034	0.0005	-0.0002	0.0001	1.82E+06	0.397
2069.150	1203	0	626	0.0003	0.0000	0.0003	2.00E+06	0.058	1493.790	2200	0	1425	0.0004	0.0000	0.0003	3.49E+06	0.123	1535.300	4201	0	2521	0.0005	-0.0001	0.0004	5.24E+06	0.128	2955.920	6197	0	1065	0.0005	-0.0002	0.0001	1.81E+06	0.397
2070.150	1201	0	611	0.0003	0.0000	0.0002	1.96E+06	0.057	1494.790	2200	0	1425	0.0004	0.0000	0.0003	3.49E+06	0.124	1536.300	4200	0	2537	0.0005	-0.0001	0.0004	5.25E+06	0.130	2956.920	6198	0	1065	0.0005	-0.0002	0.0001	1.84E+06	0.398
2071.150	1200	0	611	0.0003	0.0000	0.0003	1.91E+06	0.057	1495.790	2201	0	1441	0.0004	0.0000	0.0003	3.49E+06	0.124	1537.300	4200	0	2584	0.0005	-0.0001	0.0004	5.27E+06	0.130	2957.920	6197	0	1081	0.0005	-0.0002	0.0001	1.85E+06	0.399
2072.150	1201	0	626	0.0003	0.0000	0.0003	1.85E+06	0.058	1496.790	2199	0	1441	0.0004	0.0000	0.0003	3.50E+06	0.126	1538.300	4201	0	2615	0.0005	-0.0001	0.0004	5.27E+06	0.132	2958.920	6196	0	1081	0.0005	-0.0002	0.0001	1.88E+06	0.399
2073.150	1200	0	642	0.0003	0.0000	0.0003	1.81E+06	0.059	1497.790	2201	0	1503	0.0004	0.0000	0.0003	3.54E+06	0.127	1539.300	4200	0	2615	0.0005	-0.0001	0.0004	5.30E+06	0.133	2959.920	6197	0	1065	0.0005	-0.0002	0.0001	1.88E+06	0.401
2074.150	1200	0	626	0.0003	0.0000	0.0003	1.79E+06	0.059	1498.780	2202	0	1519	0.0004	0.0000	0.0004	3.56E+06	0.127	1540.300	4199	0	2678	0.0005	-0.0001	0.0004	5.32E+06	0.135	2960.920	6197	0	1081	0.0005	-0.0002	0.0001	1.90E+06	0.401
2075.150	1201	0	658	0.0003	0.0000	0.0003	1.78E+06	0.060	1499.780	2201	0	1519	0.0004	0.0000	0.0003	3.56E+06	0.127	1541.300	4201	0	2678	0.0005	-0.0001	0.0004	5.31E+06	0.136	2961.920	6197	0	1128	0.0005	-0.0002	0.0001	1.89E+06	0.399
2076.150	1201	0	705	0.0003	0.0000	0.0003	1.77E+06	0.061	1500.780	2202	0	1535	0.0004	0.0000	0.0003	3.55E+06	0.127	1542.300	4201	0	2678	0.0005	-0.0001	0.0004	5.36E+06	0.137	2962.910	6195	0	1112	0.0005	-0.0002	0.0001	1.90E+06	0.401
2077.150	1201	0	689	0.0003	0.0000	0.0003	1.78E+06	0.060	1501.780	2201	0	1535	0.0004	0.0000	0.0004	3.56E+06	0.128	1543.300	4201	0	2741	0.0005	-0.0001	0.0004	5.38E+06	0.137	2963.910	6196	0	1128	0.0005	-0.0002	0.0001	1.92E+06	0.401
2078.150	1201	0	689	0.0003	0.0000	0.0003	1.78E+06	0.059	1502.780	2201	0	1582	0.0004	0.0000	0.0004	3.57E+06	0.129	1544.290	4199	0	2725	0.0005	-0.0001	0.0004	5.45E+06	0.139	2964.910	6198	0	1143	0.0005	-0.0002	0.0001	1.92E+06	0.398
2079.150	1201	0	689	0.0003	0.0000	0.0003	1.78E+06	0.062	1503.780	2201	0	1582	0.0005	0.0000	0.0004	3.60E+06	0.132	1545.290	4200	0	2756	0.0005	-0.0001	0.0004	5.45E+06	0.140	2965.910	6197	0	1128	0.0005	-0.0002	0.0001	1.92E+06	0.399
2080.150	1201	0	705	0.0003	0.0000	0.0003	1.80E+06	0.063	1504.780	2201	0	1629	0.0005	0.0000	0.0004	3.57E+06	0.132	1546.290	4200	0	2788	0.0005	-0.0001	0.0004	5.51E+06	0.140	2966.910	6196	0	1175	0.0005	-0.0002	0.0001	1.92E+06	0.399
2081.150	1201	0	705	0.0003	0.0000	0.0003	1.80E+06	0.065	1505.780	2200	0	1613	0.0005	0.0000	0.0004	3.60E+06	0.131	1547.290	4199	0	2819	0.0005	-0.0001	0.0004	5.60E+06	0.142	2967.910	6196	0	1159	0.0005	-0.0002	0.0001	1.92E+06	0.400
2082.150	1201	0	720	0.0004	0.0000	0.0003	1.82E+06	0.068	1506.780	2201	0	1660	0.0005	0.0000	0.0004	3.61E+06	0.131	1548.290	4201	0	2866	0.0005	-0.0001	0.0004	5.56E+06	0.144	2968.910	6195	0	1159	0.0005	-0.0002	0.0001	1.92E+06	0.401
2083.150	1202	0	752	0.0004	0.0000	0.0003	1.84E+06	0.068	1507.780	2200	0	1644	0.0005	0.0000	0.0004	3.62E+06	0.132	1549.290	4200	0	2850	0.0005	-0.0001	0.0004	5.56E+06	0.145	2969.910	6196	0	1159	0.0005	-0.0002	0.0001	1.93E+06	0.400
2084.150	1201	0	736	0.0004	0.0000	0.0003	1.83E+06	0.069	1508.780	2201	0	1676	0.0005	0.0000	0.0004	3.61E+06	0.133	1550.290	4199	0	2882	0.0005	-0.0001	0.0004	5.56E+06	0.145	2970.910	6198	0	1190	0.0005	-0.0002	0.0001	1.94E+06	0.401
2085.150	1202	0	736	0.0004	0.0000	0.0003	1.83E+06	0.071	1509.780	2201	0	1676	0.0005	0.0000	0.0004	3.63E+06	0.135	1551.290	4200	0	2913	0.0005	-0.0001	0.0004	5.58E+06	0.146	2971.910	6198	0	1222	0.0005	-0.0002	0.0001	1.94E+06	0.403
2086.150	1201	0	736	0.0004	0.0000	0.0003	1.83E+06	0.072	1510.780	2201	0	1691	0.0005	0.0000	0.0004	3.62E+06	0.137	1552.290	4202	0	2929	0.0005	-0.0001	0.0004	5.55E+06	0.144	2972.910	6198	0	1206	0.0006	-0.0002	0.0001	1.93E+06	0.403
2087.140	1202	0	783	0.0004	0.0000	0.0003	1.85E+06	0.074	1511.780	2200	0	1738	0.0005	0.0000	0.0004	3.63E+06	0.138	1553.290	4202	0	2960	0.0005	-0.0001	0.0004	5.60E+06	0.147	2973.910	6197	0	1222	0.0006	-0.0002	0.0001	1.94E+06	0.402
2088.140	1203	0	783	0.0004	0.0000	0.0003	1.83E+06	0.075	1512.780	2201	0	1707	0.0005	0.0000	0.0004	3.63E+06	0.138	1554.290	4198	0	2976	0.0005	-0.0001	0.0004	5.61E+06	0.147	2974.910	6197	0	1253	0.0006	-0.0002	0.0001	1.93E+06	0.401
2089.140	1202	0	799	0.0004	0.0000	0.0003	1.89E+06	0.078	1513.780	2200	0	1754	0.0005	0.0000	0.0004	3.68E+06	0.138	1555.290	4200	0	3007	0.0006	-0.0001	0.0004	5.54E+06	0.147	2975.910	6197	0	1269	0.0006	-0.0002	0.0001	1.95E+06	0.403
2090.140	1201	0	814	0.0004	0.0000	0.0003	1.89E+06	0.077	1514.780	2201	0	1785	0.0005	0.0000	0.0004	3.68E+06	0.137	1556.290	4201	0	3038	0.0005	-0.0001	0.0004	5.54E+06	0.149	2976.910	6198	0	1237	0.0006	-0.0002	0.0001	1.97E+06	0.404
2091.140	1201	0	799	0.0004	0.0000	0.0003	1.90E+06	0.077	1515.780	2201	0	1770	0.0005	-0.0001	0.0004	3.68E+06	0.138	1557.290	4202	0	3054	0.0006	-0.0001	0.0004	5.52E+06	0.148	2977.910	6197	0	1253	0.0006	-0.0002	0.0001	1.98E+06	0.407
2092.140	1201	0	783	0.0004	0.0000	0.0003	1.91E+06	0.078	1516.780	2201	0	1801	0.0005	-0.0001	0.0004	3.70E+06	0.138	1558.290	4199	0	3070	0.0006	-0.0001	0.0004	5.51E+06	0.149	2978.910	6196	0	1284	0.0006	-0.0002	0.0001	1.99E+06	0.407
2093.140	1201	0	814	0.0004	0.0000	0.0003	1.92E+06	0.080	1517.780	2200	0	1848	0.0005	-0.0001	0.0004	3.74E+06	0.139	1559.290	4200	0	3116	0.0006	-0.0001	0.0004	5.52E+06	0.149	2979.910	6197	0	1269	0.0006	-0.0002	0.0001	2.00E+06	0.407
2094.140	1200	0	799	0.0004	0.0000	0.0004	1.93E+06	0.080	1518.780	2201	0	1848	0.0005	-0.0001	0.0004	3.73E+06	0.142	1560.290	4200	0	3148	0.0006	-0.0001	0.0004	5.54E+06	0.151	2980.910	6198	0	1284	0.0006	-0.0002	0.0001	2.01E+06	0.411
2095.140	1202	0	814	0.0004	0.0000	0.0003	1.92E+06	0.080	1519.780	2201	0	1848	0.0005	-0.0001	0.0004	3.76E+06	0.143	1561.290	4200	0	3179	0.0006	-0.0001	0.0004	5.50E+06	0.150	2981.910	6194	0	1316	0.0006	-0.0002	0.0001	2.03E+06	0.412
2096.140	1202	0	846	0.0004	0.0000	0.0004	1.93E+06	0.080	1520.780	2201	0	1848	0.0005	-0.0001	0.0004	3.76E+06	0.144	1562.290	4201	0	3179	0.0006	-0.0001	0.0004	5.51E+06	0.149	2982.910	6194	0	1300	0.0006	-0.0003	0.0001	2.03E+06	0.413
2097.140	1200	0	830	0.0004	0.0000	0.0004	1.92E+06	0.080	1521.780	2200	0	1895	0.0005	-0.0001	0.0004	3.79E+06	0.148	1563.290	4200	0	3211	0.0006	-0.0001	0.0004	5.51E+06	0.150	2983.910	6198	0	1331	0.0006	-0.0003	0.0001	2.05E+06	0.413
2098.140	1199	0	846	0.0004	0.0000	0.0004	1.92E+06	0.081	1522.780	2200	0	1926	0.0005	-0.0001	0.0004	3.82E+06	0.149	1564.290	4199	0	3226	0.0006	-0.0001	0.0004	5.52E+06	0.149	2984.910	6195	0	1316	0.0006	-0.0003	0.0001	2.07E+06	0.414
2099.140	1202	0	893	0.0004	0.0000	0.0004	1.90E+06	0.081	1523.780	2201	0	1926	0.0005	-0.0001	0.0004	3.85E+06	0.149	1565.290	4199	0	3257	0.0006	-0.0001	0.0004	5.57E+06	0.149	2985.910	6197	0	1363	0.0006	-0.0003	0.0001	2.05E+06	0.416
2100.140	1204	0	893	0.0004	0.0000	0.0004	1.88E+06	0.081	1524.780	2201	0	1926	0.0005	-0.0001	0.0004	3.86E+06	0.150	1566.290	4201	0	3289	0.0006	-0.0001	0.0005	5.57E+06	0.149	2986.910	6196	0	1331	0.0006	-0.0003	0.0001	2.03E+	

2144.130	1201	0	1253	0.0006	0.0000	0.0005	2.03E+06	0.102	1568.760	2201	0	2819	0.0008	-0.0001	0.0006	4.09E+06	0.164	1610.270	4201	0	4479	0.0008	-0.0001	0.0006	5.66E+06	0.164	3030.890	6198	0	1801	0.0008	-0.0004	0.0001	2.14E+06	0.427
2145.130	1201	0	1284	0.0006	0.0000	0.0005	2.06E+06	0.105	1569.760	2201	0	2835	0.0008	-0.0001	0.0006	4.07E+06	0.166	1611.270	4199	0	4510	0.0008	-0.0001	0.0006	5.69E+06	0.164	3031.890	6196	0	1785	0.0008	-0.0004	0.0001	2.16E+06	0.428
2146.130	1200	0	1316	0.0006	0.0000	0.0005	2.05E+06	0.104	1570.760	2201	0	2850	0.0008	-0.0001	0.0006	4.10E+06	0.167	1612.270	4201	0	4526	0.0008	-0.0001	0.0006	5.67E+06	0.162	3032.890	6196	0	1801	0.0008	-0.0004	0.0001	2.18E+06	0.427
2147.130	1201	0	1284	0.0006	-0.0001	0.0005	2.07E+06	0.105	1571.760	2201	0	2866	0.0008	-0.0001	0.0006	4.08E+06	0.167	1613.270	4199	0	4526	0.0008	-0.0001	0.0006	5.65E+06	0.161	3033.890	6197	0	1832	0.0009	-0.0004	0.0001	2.20E+06	0.427
2148.130	1201	0	1300	0.0006	-0.0001	0.0005	2.08E+06	0.103	1572.760	2201	0	2897	0.0008	-0.0001	0.0006	4.11E+06	0.168	1614.270	4200	0	4573	0.0008	-0.0001	0.0006	5.63E+06	0.161	3034.890	6197	0	1817	0.0009	-0.0004	0.0001	2.22E+06	0.424
2149.130	1200	0	1316	0.0007	-0.0001	0.0005	2.09E+06	0.104	1573.760	2199	0	2913	0.0008	-0.0001	0.0006	4.12E+06	0.168	1615.270	4201	0	4604	0.0008	-0.0001	0.0006	5.67E+06	0.162	3035.890	6197	0	1864	0.0009	-0.0004	0.0001	2.23E+06	0.423
2150.120	1201	0	1331	0.0007	-0.0001	0.0005	2.09E+06	0.103	1574.760	2201	0	2944	0.0008	-0.0001	0.0006	4.16E+06	0.169	1616.270	4201	0	4620	0.0008	-0.0001	0.0006	5.73E+06	0.161	3036.890	6197	0	1879	0.0009	-0.0004	0.0001	2.23E+06	0.425
2151.120	1201	0	1316	0.0007	-0.0001	0.0005	2.08E+06	0.103	1575.760	2201	0	2929	0.0008	-0.0001	0.0006	4.16E+06	0.170	1617.270	4201	0	4683	0.0008	-0.0001	0.0006	5.73E+06	0.161	3037.890	6196	0	1864	0.0009	-0.0004	0.0001	2.21E+06	0.424
2152.120	1203	0	1347	0.0007	-0.0001	0.0005	2.13E+06	0.104	1576.760	2201	0	2976	0.0008	-0.0001	0.0006	4.17E+06	0.172	1618.270	4199	0	4714	0.0008	-0.0001	0.0006	5.71E+06	0.161	3038.890	6195	0	1879	0.0009	-0.0004	0.0001	2.22E+06	0.425
2153.120	1203	0	1378	0.0007	-0.0001	0.0006	2.15E+06	0.104	1577.760	2201	0	2991	0.0008	-0.0001	0.0006	4.16E+06	0.171	1619.270	4202	0	4698	0.0009	-0.0001	0.0006	5.68E+06	0.161	3039.890	6196	0	1879	0.0009	-0.0004	0.0001	2.25E+06	0.426
2154.120	1203	0	1378	0.0007	-0.0001	0.0006	2.17E+06	0.105	1578.760	2201	0	3023	0.0008	-0.0001	0.0006	4.15E+06	0.171	1620.270	4198	0	4745	0.0008	-0.0001	0.0006	5.65E+06	0.162	3040.890	6197	0	1911	0.0009	-0.0004	0.0001	2.28E+06	0.426
2155.120	1200	0	1378	0.0007	-0.0001	0.0006	2.16E+06	0.106	1579.760	2201	0	3038	0.0008	-0.0001	0.0006	4.17E+06	0.170	1621.270	4201	0	4761	0.0009	-0.0001	0.0006	5.67E+06	0.161	3041.890	6196	0	1926	0.0009	-0.0004	0.0001	2.30E+06	0.426
2156.120	1200	0	1378	0.0007	-0.0001	0.0006	2.18E+06	0.107	1580.760	2201	0	3038	0.0008	-0.0001	0.0006	4.18E+06	0.172	1622.270	4198	0	4808	0.0009	-0.0001	0.0006	5.72E+06	0.161	3042.890	6197	0	1926	0.0009	-0.0004	0.0001	2.31E+06	0.428
2157.120	1200	0	1378	0.0007	-0.0001	0.0006	2.19E+06	0.108	1581.760	2201	0	3085	0.0008	-0.0001	0.0006	4.18E+06	0.173	1623.270	4201	0	4839	0.0009	-0.0001	0.0006	5.72E+06	0.162	3043.890	6199	0	1958	0.0009	-0.0004	0.0001	2.32E+06	0.428
2158.120	1202	0	1410	0.0007	-0.0001	0.0006	2.18E+06	0.110	1582.760	2201	0	3101	0.0008	-0.0001	0.0006	4.16E+06	0.173	1624.270	4202	0	4855	0.0009	-0.0001	0.0006	5.74E+06	0.162	3044.890	6197	0	1958	0.0009	-0.0004	0.0001	2.34E+06	0.428
2159.120	1202	0	1425	0.0007	-0.0001	0.0006	2.20E+06	0.110	1583.760	2201	0	3116	0.0008	-0.0001	0.0006	4.16E+06	0.172	1625.270	4199	0	4871	0.0009	-0.0001	0.0007	5.73E+06	0.164	3045.890	6196	0	1989	0.0009	-0.0004	0.0001	2.35E+06	0.428
2160.120	1201	0	1441	0.0007	-0.0001	0.0006	2.21E+06	0.111	1584.760	2202	0	3101	0.0008	-0.0001	0.0006	4.19E+06	0.173	1626.270	4199	0	4918	0.0009	-0.0001	0.0006	5.72E+06	0.165	3046.890	6199	0	1989	0.0009	-0.0004	0.0001	2.38E+06	0.431
2161.120	1201	0	1425	0.0007	-0.0001	0.0006	2.23E+06	0.113	1585.760	2201	0	3148	0.0008	-0.0001	0.0006	4.20E+06	0.175	1627.270	4202	0	4949	0.0009	-0.0001	0.0006	5.66E+06	0.163	3047.890	6196	0	1989	0.0009	-0.0004	0.0001	2.40E+06	0.433
2162.120	1201	0	1441	0.0007	-0.0001	0.0006	2.23E+06	0.114	1586.760	2201	0	3148	0.0008	-0.0001	0.0006	4.21E+06	0.175	1628.270	4200	0	4964	0.0009	-0.0001	0.0007	5.69E+06	0.164	3048.890	6197	0	2005	0.0009	-0.0004	0.0001	2.42E+06	0.432
2163.120	1201	0	1441	0.0007	-0.0001	0.0006	2.24E+06	0.116	1587.760	2200	0	3195	0.0008	-0.0001	0.0006	4.24E+06	0.177	1629.270	4199	0	4996	0.0009	-0.0001	0.0007	5.70E+06	0.165	3049.890	6198	0	2020	0.0009	-0.0004	0.0001	2.43E+06	0.433
2164.120	1199	0	1456	0.0007	-0.0001	0.0006	2.27E+06	0.117	1588.760	2201	0	3195	0.0009	-0.0001	0.0006	4.27E+06	0.178	1630.270	4201	0	5027	0.0009	-0.0001	0.0007	5.75E+06	0.168	3050.890	6196	0	2036	0.0009	-0.0004	0.0001	2.46E+06	0.433
2165.120	1199	0	1472	0.0007	-0.0001	0.0006	2.27E+06	0.117	1589.760	2200	0	3226	0.0009	-0.0001	0.0006	4.28E+06	0.180	1631.270	4201	0	5043	0.0009	-0.0001	0.0007	5.76E+06	0.169	3051.890	6197	0	2020	0.0009	-0.0004	0.0001	2.49E+06	0.434
2166.120	1198	0	1472	0.0007	-0.0001	0.0006	2.28E+06	0.119	1590.760	2200	0	3273	0.0009	-0.0001	0.0006	4.28E+06	0.181	1632.270	4201	0	5058	0.0009	-0.0001	0.0007	5.71E+06	0.169	3052.890	6195	0	2052	0.0009	-0.0004	0.0001	2.44E+06	0.433
2167.120	1201	0	1488	0.0007	-0.0001	0.0006	2.26E+06	0.119	1591.760	2201	0	3273	0.0009	-0.0001	0.0007	4.28E+06	0.182	1633.270	4200	0	5105	0.0009	-0.0001	0.0007	5.69E+06	0.170	3053.890	6197	0	2052	0.0009	-0.0004	0.0001	2.40E+06	0.433
2168.120	1201	0	1488	0.0007	-0.0001	0.0006	2.27E+06	0.120	1592.750	2202	0	3320	0.0009	-0.0001	0.0007	4.34E+06	0.184	1634.270	4201	0	5137	0.0009	-0.0001	0.0007	5.73E+06	0.171	3054.890	6196	0	2067	0.0010	-0.0004	0.0001	2.43E+06	0.436
2169.120	1202	0	1503	0.0007	-0.0001	0.0006	2.27E+06	0.120	1593.750	2201	0	3336	0.0009	-0.0001	0.0007	4.34E+06	0.185	1635.270	4200	0	5184	0.0009	-0.0001	0.0007	5.79E+06	0.171	3055.890	6196	0	2052	0.0010	-0.0004	0.0001	2.42E+06	0.435
2170.120	1202	0	1550	0.0007	-0.0001	0.0006	2.25E+06	0.121	1594.750	2200	0	3336	0.0009	-0.0001	0.0006	4.37E+06	0.185	1636.270	4200	0	5199	0.0009	-0.0001	0.0007	5.77E+06	0.173	3056.880	6196	0	2114	0.0010	-0.0004	0.0001	2.41E+06	0.434
2171.120	1201	0	1535	0.0008	-0.0001	0.0006	2.26E+06	0.120	1595.750	2199	0	3398	0.0009	-0.0001	0.0007	4.37E+06	0.185	1637.270	4200	0	5199	0.0009	-0.0001	0.0007	5.79E+06	0.172	3057.880	6197	0	2114	0.0010	-0.0004	0.0002	2.40E+06	0.435
2172.120	1201	0	1550	0.0008	-0.0001	0.0006	2.27E+06	0.120	1596.750	2201	0	3383	0.0009	-0.0001	0.0007	4.35E+06	0.185	1638.260	4198	0	5246	0.0009	-0.0001	0.0007	5.78E+06	0.172	3058.880	6194	0	2130	0.0010	-0.0004	0.0001	2.39E+06	0.436
2173.120	1201	0	1566	0.0008	-0.0001	0.0006	2.26E+06	0.121	1597.750	2200	0	3430	0.0009	-0.0001	0.0007	4.35E+06	0.186	1639.260	4200	0	5262	0.0009	-0.0001	0.0007	5.78E+06	0.171	3059.880	6195	0	2130	0.0010	-0.0004	0.0001	2.39E+06	0.435
2174.120	1201	0	1566	0.0008	-0.0001	0.0006	2.28E+06	0.124	1598.750	2200	0	3430	0.0009	-0.0001	0.0007	4.36E+06	0.187	1640.260	4198	0	5325	0.0009	-0.0001	0.0007	5.73E+06	0.170	3060.880	6196	0	2114	0.0010	-0.0004	0.0001	2.37E+06	0.435
2175.120	1202	0	1582	0.0008	-0.0001	0.0006	2.28E+06	0.126	1599.750	2201	0	3445	0.0009	-0.0001	0.0007	4.40E+06	0.188	1641.260	4200	0	5340	0.0010	-0.0001	0.0007	5.74E+06	0.172	3061.880	6198	0	2146	0.0010	-0.0004	0.0001	2.37E+06	0.435
2176.120	1203	0	1582	0.0008	-0.0001	0.0006	2.30E+06	0.128	1600.750	2201	0	3461	0.0009	-0.0001	0.0007	4.43E+06	0.190	1642.260	4200	0	5340	0.0010	-0.0001	0.0007	5.74E+06	0.174	3062.880	6196	0	2146	0.0010				

2220.100	1201	0	2130	0.0010	-0.0001	0.0008	2.62E+06	0.167	1644.740	2200	0	4432	0.0011	-0.0002	0.0008	4.85E+06	0.219	1686.250	4199	0	6625	0.0012	-0.0002	0.0008	5.91E+06	0.192	3106.870	6196	0	2647	0.0012	-0.0005	0.0002	2.57E+06	0.449
2221.100	1202	0	2099	0.0010	-0.0001	0.0008	2.62E+06	0.168	1645.740	2201	0	4463	0.0011	-0.0002	0.0008	4.87E+06	0.218	1687.250	4200	0	6625	0.0012	-0.0002	0.0008	5.89E+06	0.192	3107.870	6196	0	2694	0.0012	-0.0005	0.0002	2.56E+06	0.448
2222.100	1201	0	2099	0.0010	-0.0001	0.0008	2.61E+06	0.167	1646.740	2201	0	4448	0.0011	-0.0002	0.0008	4.90E+06	0.218	1688.250	4202	0	6640	0.0012	-0.0002	0.0008	5.92E+06	0.192	3108.870	6196	0	2709	0.0012	-0.0005	0.0002	2.56E+06	0.447
2223.100	1203	0	2161	0.0010	-0.0001	0.0008	2.60E+06	0.168	1647.740	2202	0	4526	0.0011	-0.0002	0.0008	4.87E+06	0.217	1689.250	4201	0	6703	0.0012	-0.0002	0.0009	5.90E+06	0.192	3109.870	6197	0	2725	0.0012	-0.0005	0.0002	2.59E+06	0.452
2224.100	1202	0	2146	0.0010	-0.0001	0.0008	2.58E+06	0.167	1648.740	2201	0	4495	0.0011	-0.0002	0.0008	4.87E+06	0.217	1690.250	4200	0	6703	0.0012	-0.0002	0.0008	5.91E+06	0.192	3110.870	6197	0	2725	0.0012	-0.0005	0.0002	2.60E+06	0.454
2225.100	1200	0	2177	0.0010	-0.0001	0.0008	2.61E+06	0.168	1649.740	2200	0	4557	0.0011	-0.0002	0.0008	4.86E+06	0.219	1691.250	4201	0	6765	0.0012	-0.0002	0.0008	5.91E+06	0.192	3111.870	6196	0	2741	0.0012	-0.0005	0.0002	2.61E+06	0.455
2226.100	1201	0	2177	0.0010	-0.0001	0.0008	2.61E+06	0.169	1650.740	2200	0	4557	0.0012	-0.0002	0.0008	4.90E+06	0.223	1692.250	4200	0	6797	0.0012	-0.0002	0.0008	5.94E+06	0.191	3112.870	6199	0	2741	0.0012	-0.0005	0.0002	2.62E+06	0.456
2227.100	1200	0	2208	0.0010	-0.0001	0.0008	2.64E+06	0.169	1651.740	2200	0	4604	0.0012	-0.0002	0.0008	4.94E+06	0.223	1693.250	4202	0	6812	0.0012	-0.0002	0.0009	5.90E+06	0.191	3113.870	6197	0	2725	0.0012	-0.0005	0.0002	2.65E+06	0.456
2228.100	1201	0	2224	0.0010	-0.0001	0.0008	2.67E+06	0.171	1652.740	2201	0	4620	0.0011	-0.0002	0.0008	4.90E+06	0.220	1694.250	4199	0	6844	0.0012	-0.0002	0.0009	5.93E+06	0.194	3114.870	6196	0	2756	0.0012	-0.0005	0.0002	2.66E+06	0.457
2229.100	1200	0	2255	0.0010	-0.0001	0.0008	2.67E+06	0.169	1653.740	2201	0	4651	0.0012	-0.0002	0.0008	4.95E+06	0.221	1695.250	4200	0	6891	0.0012	-0.0002	0.0009	6.00E+06	0.195	3115.870	6199	0	2772	0.0013	-0.0005	0.0002	2.69E+06	0.456
2230.100	1199	0	2240	0.0010	-0.0001	0.0008	2.66E+06	0.170	1654.730	2201	0	4667	0.0012	-0.0002	0.0008	4.98E+06	0.224	1696.250	4200	0	6906	0.0012	-0.0002	0.0009	6.01E+06	0.196	3116.870	6196	0	2803	0.0013	-0.0005	0.0002	2.69E+06	0.453
2231.100	1200	0	2255	0.0010	-0.0001	0.0008	2.66E+06	0.170	1655.730	2201	0	4683	0.0012	-0.0002	0.0008	4.97E+06	0.223	1697.250	4200	0	6938	0.0012	-0.0002	0.0009	5.99E+06	0.196	3117.870	6197	0	2835	0.0013	-0.0005	0.0002	2.69E+06	0.454
2232.100	1201	0	2271	0.0010	-0.0001	0.0008	2.68E+06	0.170	1656.730	2200	0	4714	0.0012	-0.0002	0.0008	4.96E+06	0.223	1698.250	4201	0	6938	0.0012	-0.0002	0.0009	5.99E+06	0.193	3118.860	6196	0	2803	0.0013	-0.0005	0.0002	2.68E+06	0.453
2233.100	1201	0	2255	0.0010	-0.0001	0.0008	2.70E+06	0.172	1657.730	2201	0	4761	0.0012	-0.0002	0.0008	4.95E+06	0.222	1699.250	4201	0	7000	0.0012	-0.0002	0.0009	6.01E+06	0.193	3119.860	6196	0	2819	0.0013	-0.0005	0.0002	2.68E+06	0.454
2234.100	1201	0	2255	0.0011	-0.0001	0.0008	2.69E+06	0.171	1658.730	2201	0	4761	0.0012	-0.0002	0.0008	4.92E+06	0.222	1700.240	4201	0	7047	0.0012	-0.0002	0.0009	6.04E+06	0.192	3120.860	6196	0	2835	0.0013	-0.0005	0.0002	2.67E+06	0.452
2235.100	1201	0	2287	0.0011	-0.0001	0.0008	2.71E+06	0.168	1659.730	2200	0	4792	0.0012	-0.0002	0.0008	4.92E+06	0.223	1701.240	4201	0	7063	0.0012	-0.0002	0.0009	6.07E+06	0.192	3121.860	6199	0	2850	0.0013	-0.0005	0.0002	2.67E+06	0.450
2236.100	1202	0	2302	0.0011	-0.0001	0.0008	2.70E+06	0.167	1660.730	2201	0	4808	0.0012	-0.0002	0.0008	4.90E+06	0.219	1702.240	4201	0	7094	0.0013	-0.0002	0.0009	6.11E+06	0.192	3122.860	6198	0	2882	0.0013	-0.0005	0.0002	2.67E+06	0.448
2237.100	1201	0	2318	0.0011	-0.0001	0.0008	2.71E+06	0.169	1661.730	2201	0	4855	0.0012	-0.0002	0.0008	4.94E+06	0.221	1703.240	4200	0	7110	0.0013	-0.0002	0.0009	6.04E+06	0.192	3123.860	6197	0	2882	0.0013	-0.0006	0.0002	2.68E+06	0.448
2238.100	1201	0	2349	0.0011	-0.0001	0.0008	2.74E+06	0.170	1662.730	2201	0	4855	0.0012	-0.0002	0.0008	4.94E+06	0.221	1704.240	4199	0	7126	0.0013	-0.0002	0.0009	6.09E+06	0.193	3124.860	6195	0	2913	0.0013	-0.0006	0.0002	2.69E+06	0.449
2239.100	1202	0	2365	0.0011	-0.0001	0.0008	2.76E+06	0.168	1663.730	2202	0	4870	0.0012	-0.0002	0.0008	4.93E+06	0.221	1705.240	4200	0	7173	0.0012	-0.0002	0.0009	6.09E+06	0.195	3125.860	6195	0	2897	0.0013	-0.0006	0.0002	2.71E+06	0.449
2240.100	1201	0	2349	0.0011	-0.0001	0.0008	2.74E+06	0.168	1664.730	2200	0	4917	0.0012	-0.0002	0.0008	4.97E+06	0.222	1706.240	4199	0	7220	0.0013	-0.0002	0.0009	6.10E+06	0.193	3126.860	6198	0	2913	0.0013	-0.0006	0.0002	2.72E+06	0.449
2241.100	1202	0	2380	0.0011	-0.0001	0.0009	2.76E+06	0.168	1665.730	2201	0	4949	0.0012	-0.0002	0.0008	5.01E+06	0.222	1707.240	4200	0	7235	0.0013	-0.0002	0.0009	6.12E+06	0.192	3127.860	6196	0	2960	0.0013	-0.0006	0.0002	2.72E+06	0.447
2242.100	1201	0	2396	0.0011	-0.0001	0.0009	2.76E+06	0.167	1666.730	2201	0	4949	0.0012	-0.0002	0.0009	5.02E+06	0.224	1708.240	4201	0	7251	0.0013	-0.0002	0.0009	6.10E+06	0.194	3128.860	6197	0	2960	0.0013	-0.0006	0.0002	2.73E+06	0.448
2243.090	1201	0	2412	0.0011	-0.0001	0.0009	2.80E+06	0.168	1667.730	2201	0	4964	0.0012	-0.0002	0.0008	5.02E+06	0.225	1709.240	4199	0	7282	0.0013	-0.0002	0.0009	6.13E+06	0.194	3129.860	6197	0	2976	0.0013	-0.0006	0.0002	2.76E+06	0.447
2244.090	1200	0	2412	0.0011	-0.0001	0.0009	2.80E+06	0.169	1668.730	2201	0	4996	0.0012	-0.0002	0.0009	4.98E+06	0.226	1710.240	4202	0	7329	0.0013	-0.0002	0.0009	6.14E+06	0.194	3130.860	6197	0	2991	0.0013	-0.0006	0.0002	2.75E+06	0.446
2245.090	1201	0	2427	0.0011	-0.0001	0.0009	2.79E+06	0.169	1669.730	2199	0	5011	0.0012	-0.0002	0.0009	4.93E+06	0.224	1711.240	4201	0	7361	0.0013	-0.0002	0.0009	6.18E+06	0.194	3131.860	6197	0	3023	0.0013	-0.0006	0.0002	2.73E+06	0.444
2246.090	1200	0	2443	0.0011	-0.0001	0.0009	2.81E+06	0.169	1670.730	2201	0	5027	0.0012	-0.0002	0.0009	4.90E+06	0.224	1712.240	4200	0	7392	0.0013	-0.0002	0.0009	6.24E+06	0.195	3132.860	6197	0	3007	0.0013	-0.0006	0.0002	2.71E+06	0.442
2247.090	1201	0	2443	0.0011	-0.0001	0.0009	2.81E+06	0.169	1671.730	2200	0	5105	0.0013	-0.0002	0.0009	4.90E+06	0.224	1713.240	4201	0	7439	0.0013	-0.0002	0.0009	6.24E+06	0.195	3133.860	6197	0	3023	0.0013	-0.0006	0.0002	2.71E+06	0.439
2248.090	1202	0	2459	0.0011	-0.0001	0.0009	2.80E+06	0.171	1672.730	2200	0	5074	0.0013	-0.0002	0.0009	4.84E+06	0.223	1714.240	4199	0	7423	0.0013	-0.0002	0.0009	6.25E+06	0.195	3134.860	6196	0	3054	0.0013	-0.0006	0.0002	2.72E+06	0.436
2249.090	1201	0	2459	0.0011	-0.0001	0.0009	2.79E+06	0.170	1673.730	2201	0	5137	0.0013	-0.0002	0.0009	4.86E+06	0.223	1715.240	4199	0	7455	0.0013	-0.0002	0.0009	6.23E+06	0.195	3135.860	6198	0	3038	0.0013	-0.0006	0.0002	2.75E+06	0.436
2250.090	1200	0	2521	0.0011	-0.0001	0.0009	2.79E+06	0.170	1674.730	2200	0	5137	0.0013	-0.0002	0.0009	4.85E+06	0.224	1716.240	4200	0	7486	0.0013	-0.0002	0.0009	6.24E+06	0.196	3136.860	6197	0	3054	0.0013	-0.0006	0.0002	2.76E+06	0.437
2251.090	1201	0	2506	0.0011	-0.0001	0.0009	2.81E+06	0.170	1675.730	2201	0	5168	0.0013	-0.0002	0.0009	4.84E+06	0.223	1717.240	4202	0	7548	0.0013	-0.0002	0.0009	6.27E+06	0.198	3137.860	6196	0	3085	0.0014	-0.0006	0.0002	2.76E+06	0.437
2252.090	1200	0	2521	0.0011	-0.0001	0.0009	2.81E+06	0.170	1676.730	2201	0	5215	0.0013	-0.0002	0.0009	4.81E+06	0.221	1718.240	4203	0	7564	0.0013	-0.0002	0.0009	6.32E+06	0.200	3138.860	6197	0	3101	0.0014				

2296.080	1202	0	3148	0.0013	-0.0002	0.0010	3.12E+06	0.204	1720.710	2201	0	6264	0.0015	-0.0002	0.0010	5.07E+06	0.236	1762.220	4200	0	8958	0.0015	-0.0002	0.0011	6.19E+06	0.217	3182.840	6197	0	3712	0.0016	-0.0007	0.0002	3.06E+06	0.456
2297.080	1203	0	3179	0.0014	-0.0002	0.0010	3.13E+06	0.205	1721.710	2199	0	6280	0.0015	-0.0002	0.0010	5.06E+06	0.237	1763.220	4200	0	8989	0.0015	-0.0002	0.0011	6.20E+06	0.218	3183.840	6196	0	3743	0.0016	-0.0007	0.0002	3.04E+06	0.455
2298.080	1202	0	3195	0.0014	-0.0002	0.0010	3.14E+06	0.206	1722.710	2201	0	6327	0.0015	-0.0002	0.0010	5.07E+06	0.236	1764.220	4201	0	9021	0.0016	-0.0002	0.0011	6.18E+06	0.219	3184.840	6195	0	3743	0.0016	-0.0007	0.0002	3.02E+06	0.452
2299.080	1202	0	3211	0.0014	-0.0002	0.0010	3.14E+06	0.208	1723.710	2201	0	6343	0.0015	-0.0002	0.0010	5.04E+06	0.235	1765.220	4199	0	9036	0.0016	-0.0003	0.0010	6.19E+06	0.220	3185.840	6197	0	3759	0.0016	-0.0007	0.0002	3.01E+06	0.449
2300.080	1199	0	3211	0.0014	-0.0002	0.0010	3.12E+06	0.205	1724.710	2201	0	6421	0.0015	-0.0003	0.0010	5.08E+06	0.237	1766.220	4201	0	9099	0.0016	-0.0002	0.0011	6.16E+06	0.219	3186.840	6195	0	3759	0.0016	-0.0007	0.0002	3.01E+06	0.449
2301.080	1201	0	3226	0.0014	-0.0002	0.0010	3.14E+06	0.205	1725.710	2200	0	6405	0.0015	-0.0003	0.0010	5.08E+06	0.238	1767.220	4201	0	9083	0.0016	-0.0003	0.0011	6.16E+06	0.218	3187.840	6196	0	3821	0.0016	-0.0007	0.0002	3.02E+06	0.449
2302.080	1201	0	3242	0.0014	-0.0002	0.0010	3.15E+06	0.204	1726.710	2200	0	6421	0.0015	-0.0003	0.0010	5.05E+06	0.238	1768.220	4201	0	9130	0.0016	-0.0003	0.0011	6.16E+06	0.219	3188.840	6197	0	3821	0.0016	-0.0007	0.0002	3.03E+06	0.452
2303.080	1203	0	3273	0.0014	-0.0002	0.0010	3.19E+06	0.207	1727.710	2200	0	6452	0.0015	-0.0003	0.0010	5.07E+06	0.237	1769.220	4201	0	9177	0.0016	-0.0003	0.0011	6.15E+06	0.219	3189.840	6197	0	3853	0.0016	-0.0007	0.0002	3.04E+06	0.451
2304.080	1200	0	3273	0.0014	-0.0002	0.0010	3.18E+06	0.208	1728.710	2199	0	6468	0.0015	-0.0003	0.0010	5.12E+06	0.240	1770.220	4199	0	9177	0.0016	-0.0003	0.0011	6.18E+06	0.221	3190.840	6196	0	3837	0.0016	-0.0007	0.0002	3.03E+06	0.452
2305.080	1200	0	3273	0.0014	-0.0002	0.0011	3.21E+06	0.210	1729.710	2201	0	6499	0.0015	-0.0003	0.0010	5.15E+06	0.242	1771.220	4200	0	9209	0.0016	-0.0003	0.0011	6.16E+06	0.219	3191.840	6196	0	3868	0.0016	-0.0007	0.0002	3.04E+06	0.451
2306.070	1202	0	3304	0.0014	-0.0002	0.0010	3.20E+06	0.209	1730.710	2200	0	6499	0.0015	-0.0003	0.0010	5.20E+06	0.243	1772.220	4198	0	9240	0.0016	-0.0003	0.0011	6.16E+06	0.219	3192.840	6199	0	3900	0.0016	-0.0007	0.0002	3.05E+06	0.453
2307.070	1201	0	3336	0.0014	-0.0002	0.0011	3.22E+06	0.207	1731.710	2201	0	6546	0.0016	-0.0003	0.0010	5.22E+06	0.245	1773.220	4200	0	9271	0.0016	-0.0003	0.0011	6.15E+06	0.220	3193.840	6197	0	3900	0.0016	-0.0007	0.0002	3.05E+06	0.453
2308.070	1201	0	3351	0.0014	-0.0002	0.0011	3.23E+06	0.206	1732.710	2201	0	6562	0.0015	-0.0003	0.0010	5.27E+06	0.246	1774.220	4201	0	9303	0.0016	-0.0003	0.0011	6.14E+06	0.219	3194.840	6197	0	3931	0.0016	-0.0007	0.0002	3.07E+06	0.452
2309.070	1201	0	3383	0.0014	-0.0002	0.0011	3.25E+06	0.206	1733.710	2200	0	6593	0.0015	-0.0003	0.0010	5.25E+06	0.244	1775.220	4199	0	9334	0.0016	-0.0003	0.0011	6.17E+06	0.220	3195.840	6197	0	3915	0.0016	-0.0007	0.0002	3.09E+06	0.453
2310.070	1202	0	3383	0.0014	-0.0002	0.0011	3.26E+06	0.208	1734.710	2201	0	6625	0.0015	-0.0003	0.0010	5.33E+06	0.242	1776.220	4202	0	9349	0.0016	-0.0003	0.0011	6.20E+06	0.222	3196.840	6194	0	3931	0.0016	-0.0007	0.0002	3.08E+06	0.452
2311.070	1200	0	3398	0.0014	-0.0002	0.0011	3.26E+06	0.211	1735.710	2201	0	6625	0.0016	-0.0003	0.0010	5.36E+06	0.246	1777.220	4200	0	9412	0.0016	-0.0003	0.0011	6.21E+06	0.223	3197.840	6195	0	3962	0.0016	-0.0007	0.0002	3.07E+06	0.450
2312.070	1200	0	3414	0.0014	-0.0002	0.0011	3.26E+06	0.210	1736.710	2200	0	6672	0.0016	-0.0003	0.0010	5.34E+06	0.246	1778.220	4200	0	9428	0.0016	-0.0003	0.0011	6.22E+06	0.223	3198.840	6197	0	3947	0.0017	-0.0007	0.0002	3.07E+06	0.451
2313.070	1201	0	3398	0.0014	-0.0002	0.0011	3.26E+06	0.210	1737.710	2199	0	6703	0.0016	-0.0003	0.0010	5.38E+06	0.248	1779.220	4200	0	9459	0.0016	-0.0003	0.0011	6.21E+06	0.223	3199.840	6196	0	3947	0.0017	-0.0007	0.0002	3.09E+06	0.451
2314.070	1202	0	3445	0.0015	-0.0002	0.0011	3.28E+06	0.212	1738.710	2200	0	6718	0.0016	-0.0003	0.0011	5.36E+06	0.248	1780.220	4200	0	9490	0.0016	-0.0003	0.0011	6.21E+06	0.223	3200.840	6196	0	4009	0.0017	-0.0007	0.0002	3.09E+06	0.450
2315.070	1201	0	3461	0.0014	-0.0002	0.0011	3.27E+06	0.211	1739.710	2201	0	6718	0.0016	-0.0003	0.0010	5.38E+06	0.251	1781.220	4201	0	9710	0.0017	-0.0003	0.0011	6.23E+06	0.220	3201.840	6195	0	4025	0.0017	-0.0007	0.0002	3.09E+06	0.451
2316.070	1201	0	3508	0.0014	-0.0002	0.0011	3.26E+06	0.211	1740.710	2199	0	6781	0.0016	-0.0003	0.0010	5.36E+06	0.254	1782.220	4203	0	9960	0.0017	-0.0003	0.0011	6.21E+06	0.220	3202.840	6197	0	4040	0.0017	-0.0007	0.0002	3.13E+06	0.452
2317.070	1200	0	3477	0.0015	-0.0002	0.0011	3.25E+06	0.213	1741.710	2201	0	6765	0.0016	-0.0003	0.0011	5.37E+06	0.254	1783.220	4202	0	10023	0.0017	-0.0003	0.0012	6.23E+06	0.222	3203.840	6197	0	4025	0.0017	-0.0007	0.0002	3.14E+06	0.452
2318.070	1201	0	3477	0.0015	-0.0002	0.0011	3.25E+06	0.215	1742.710	2200	0	6797	0.0016	-0.0003	0.0011	5.37E+06	0.256	1784.220	4201	0	10023	0.0017	-0.0003	0.0012	6.22E+06	0.222	3204.840	6199	0	4072	0.0017	-0.0007	0.0002	3.14E+06	0.454
2319.070	1200	0	3508	0.0015	-0.0002	0.0011	3.24E+06	0.215	1743.710	2200	0	6828	0.0016	-0.0003	0.0011	5.35E+06	0.257	1785.220	4201	0	10054	0.0017	-0.0003	0.0012	6.26E+06	0.222	3205.840	6197	0	4087	0.0017	-0.0007	0.0002	3.16E+06	0.454
2320.070	1202	0	3539	0.0015	-0.0002	0.0011	3.23E+06	0.216	1744.710	2201	0	6859	0.0016	-0.0003	0.0011	5.34E+06	0.258	1786.220	4199	0	10054	0.0017	-0.0003	0.0011	6.25E+06	0.222	3206.840	6196	0	4087	0.0017	-0.0007	0.0002	3.18E+06	0.454
2321.070	1202	0	3539	0.0015	-0.0002	0.0011	3.27E+06	0.218	1745.710	2200	0	6875	0.0016	-0.0003	0.0011	5.35E+06	0.260	1787.220	4200	0	10070	0.0017	-0.0003	0.0011	6.24E+06	0.220	3207.840	6196	0	4087	0.0017	-0.0007	0.0002	3.17E+06	0.452
2322.070	1203	0	3539	0.0015	-0.0002	0.0011	3.29E+06	0.221	1746.710	2201	0	6891	0.0016	-0.0003	0.0011	5.35E+06	0.259	1788.220	4200	0	10086	0.0017	-0.0003	0.0012	6.26E+06	0.220	3208.840	6198	0	4072	0.0017	-0.0007	0.0002	3.18E+06	0.451
2323.070	1201	0	3571	0.0015	-0.0002	0.0011	3.31E+06	0.221	1747.710	2201	0	6953	0.0016	-0.0003	0.0011	5.34E+06	0.259	1789.220	4201	0	10086	0.0017	-0.0003	0.0012	6.26E+06	0.220	3209.840	6198	0	4134	0.0017	-0.0007	0.0002	3.20E+06	0.452
2324.070	1201	0	3586	0.0015	-0.0002	0.0011	3.32E+06	0.222	1748.700	2201	0	6969	0.0016	-0.0003	0.0011	5.35E+06	0.259	1790.220	4200	0	10101	0.0017	-0.0003	0.0012	6.26E+06	0.218	3210.840	6197	0	4134	0.0017	-0.0007	0.0002	3.21E+06	0.452
2325.070	1202	0	3602	0.0015	-0.0002	0.0011	3.34E+06	0.224	1749.700	2202	0	7000	0.0016	-0.0003	0.0011	5.34E+06	0.258	1791.220	4203	0	10133	0.0017	-0.0003	0.0012	6.28E+06	0.220	3211.830	6197	0	4150	0.0017	-0.0007	0.0002	3.20E+06	0.450
2326.070	1199	0	3633	0.0015	-0.0002	0.0011	3.33E+06	0.223	1750.700	2201	0	7016	0.0016	-0.0003	0.0011	5.36E+06	0.259	1792.220	4203	0	10148	0.0017	-0.0003	0.0012	6.31E+06	0.220	3212.830	6198	0	4197	0.0017	-0.0007	0.0002	3.19E+06	0.449
2327.070	1201	0	3633	0.0015	-0.0002	0.0011	3.33E+06	0.223	1751.700	2201	0	7016	0.0016	-0.0003	0.0011	5.37E+06	0.260	1793.220	4199	0	10180	0.0017	-0.0003	0.0012	6.30E+06	0.221	3213.830	6195	0	4197	0.0017	-0.0008	0.0002	3.20E+06	0.449
2328.070	1202	0	3665	0.0015	-0.0002	0.0011	3.30E+06	0.223	1752.700	2201	0	7094	0.0016	-0.0003	0.0011	5.37E+06	0.260	1794.210	4200	0	10164	0.0017	-0.0003	0.0012	6.29E+06	0.222	3214.830	6196	0	419					

2372.050	1201	0	4385	0.0017	-0.0003	0.0012	3.66E+06	0.251	1796.690	2200	0	8441	0.0019	-0.0004	0.0012	5.54E+06	0.267	1838.200	4200	0	11558	0.0020	-0.0003	0.0013	6.53E+06	0.230	3258.820	6198	0	4964	0.0020	-0.0008	0.0003	3.27E+06	0.421
2373.050	1202	0	4432	0.0017	-0.0002	0.0012	3.68E+06	0.255	1797.690	2201	0	8457	0.0019	-0.0004	0.0012	5.55E+06	0.267	1839.200	4199	0	11573	0.0019	-0.0003	0.0013	6.52E+06	0.228	3259.820	6197	0	4980	0.0020	-0.0008	0.0003	3.28E+06	0.421
2374.050	1201	0	4432	0.0017	-0.0003	0.0012	3.68E+06	0.256	1798.690	2202	0	8488	0.0019	-0.0003	0.0012	5.54E+06	0.267	1840.200	4202	0	11605	0.0020	-0.0003	0.0013	6.50E+06	0.228	3260.820	6198	0	4980	0.0020	-0.0009	0.0003	3.30E+06	0.420
2375.050	1202	0	4448	0.0017	-0.0003	0.0012	3.70E+06	0.257	1799.690	2201	0	8535	0.0019	-0.0004	0.0012	5.54E+06	0.267	1841.200	4201	0	11636	0.0020	-0.0003	0.0013	6.48E+06	0.228	3261.820	6198	0	4980	0.0020	-0.0009	0.0003	3.32E+06	0.420
2376.050	1201	0	4479	0.0017	-0.0003	0.0012	3.74E+06	0.261	1800.690	2201	0	8551	0.0019	-0.0004	0.0012	5.53E+06	0.265	1842.200	4200	0	11667	0.0020	-0.0003	0.0013	6.43E+06	0.225	3262.820	6198	0	4980	0.0020	-0.0009	0.0003	3.33E+06	0.418
2377.050	1201	0	4510	0.0017	-0.0003	0.0012	3.75E+06	0.261	1801.690	2201	0	8582	0.0019	-0.0004	0.0012	5.51E+06	0.265	1843.200	4199	0	11699	0.0020	-0.0003	0.0013	6.48E+06	0.226	3263.820	6199	0	5043	0.0020	-0.0009	0.0003	3.30E+06	0.417
2378.050	1202	0	4526	0.0017	-0.0003	0.0012	3.78E+06	0.263	1802.690	2202	0	8629	0.0019	-0.0004	0.0012	5.51E+06	0.264	1844.200	4199	0	11699	0.0020	-0.0003	0.0013	6.48E+06	0.227	3264.820	6197	0	4996	0.0020	-0.0009	0.0003	3.29E+06	0.417
2379.050	1201	0	4542	0.0018	-0.0003	0.0012	3.74E+06	0.264	1803.690	2201	0	8676	0.0019	-0.0004	0.0012	5.49E+06	0.262	1845.200	4201	0	11761	0.0020	-0.0003	0.0013	6.46E+06	0.226	3265.820	6197	0	5043	0.0020	-0.0009	0.0003	3.30E+06	0.416
2380.050	1200	0	4557	0.0018	-0.0003	0.0012	3.74E+06	0.263	1804.690	2201	0	8692	0.0019	-0.0004	0.0012	5.49E+06	0.263	1846.200	4199	0	11761	0.0020	-0.0003	0.0013	6.44E+06	0.225	3266.820	6198	0	5074	0.0020	-0.0009	0.0003	3.28E+06	0.416
2381.050	1201	0	4589	0.0018	-0.0003	0.0012	3.75E+06	0.265	1805.690	2201	0	8692	0.0019	-0.0004	0.0012	5.47E+06	0.262	1847.200	4200	0	11808	0.0020	-0.0003	0.0013	6.42E+06	0.228	3267.820	6198	0	5058	0.0020	-0.0009	0.0003	3.30E+06	0.421
2382.050	1200	0	4589	0.0018	-0.0003	0.0012	3.74E+06	0.265	1806.690	2201	0	8707	0.0019	-0.0004	0.0012	5.47E+06	0.263	1848.200	4200	0	11840	0.0020	-0.0003	0.0013	6.46E+06	0.230	3268.820	6197	0	5074	0.0020	-0.0009	0.0003	3.29E+06	0.420
2383.050	1200	0	4651	0.0018	-0.0003	0.0013	3.71E+06	0.265	1807.690	2201	0	8707	0.0019	-0.0004	0.0012	5.47E+06	0.263	1849.200	4199	0	11871	0.0020	-0.0003	0.0013	6.53E+06	0.233	3269.820	6198	0	5121	0.0020	-0.0009	0.0003	3.29E+06	0.421
2384.050	1201	0	4636	0.0018	-0.0003	0.0013	3.72E+06	0.268	1808.690	2200	0	8739	0.0019	-0.0004	0.0012	5.50E+06	0.262	1850.200	4202	0	11887	0.0020	-0.0003	0.0013	6.51E+06	0.235	3270.820	6198	0	5121	0.0020	-0.0009	0.0003	3.30E+06	0.423
2385.050	1201	0	4667	0.0018	-0.0003	0.0013	3.70E+06	0.270	1809.690	2199	0	8754	0.0020	-0.0004	0.0012	5.51E+06	0.261	1851.200	4199	0	11933	0.0020	-0.0003	0.0013	6.50E+06	0.232	3271.820	6197	0	5184	0.0020	-0.0009	0.0003	3.29E+06	0.422
2386.050	1202	0	4683	0.0018	-0.0003	0.0013	3.72E+06	0.271	1810.690	2201	0	8786	0.0020	-0.0004	0.0012	5.51E+06	0.261	1852.200	4200	0	11965	0.0020	-0.0004	0.0013	6.47E+06	0.230	3272.820	6197	0	5152	0.0020	-0.0009	0.0003	3.31E+06	0.424
2387.050	1202	0	4698	0.0018	-0.0003	0.0013	3.70E+06	0.269	1811.680	2201	0	8817	0.0020	-0.0004	0.0012	5.50E+06	0.260	1853.200	4198	0	11965	0.0020	-0.0003	0.0013	6.45E+06	0.232	3273.820	6196	0	5184	0.0020	-0.0009	0.0003	3.31E+06	0.423
2388.050	1200	0	4714	0.0018	-0.0003	0.0013	3.70E+06	0.269	1812.680	2201	0	8848	0.0020	-0.0004	0.0012	5.47E+06	0.259	1854.200	4201	0	12012	0.0020	-0.0004	0.0013	6.45E+06	0.232	3274.810	6197	0	5168	0.0020	-0.0009	0.0003	3.31E+06	0.423
2389.050	1201	0	4714	0.0018	-0.0003	0.0013	3.69E+06	0.269	1813.680	2201	0	8880	0.0020	-0.0004	0.0012	5.48E+06	0.258	1855.200	4201	0	12059	0.0020	-0.0004	0.0013	6.47E+06	0.231	3275.810	6196	0	5231	0.0020	-0.0009	0.0003	3.33E+06	0.425
2390.050	1199	0	4714	0.0018	-0.0003	0.0013	3.68E+06	0.270	1814.680	2201	0	8911	0.0020	-0.0004	0.0012	5.49E+06	0.258	1856.190	4200	0	12074	0.0020	-0.0004	0.0013	6.47E+06	0.231	3276.810	6198	0	5231	0.0020	-0.0009	0.0003	3.34E+06	0.425
2391.050	1201	0	4730	0.0018	-0.0003	0.0013	3.69E+06	0.271	1815.680	2201	0	8927	0.0020	-0.0004	0.0012	5.48E+06	0.258	1857.190	4199	0	12121	0.0020	-0.0004	0.0013	6.48E+06	0.233	3277.810	6197	0	5262	0.0020	-0.0009	0.0003	3.34E+06	0.426
2392.050	1202	0	4730	0.0018	-0.0003	0.0013	3.70E+06	0.269	1816.680	2201	0	8958	0.0020	-0.0004	0.0012	5.52E+06	0.257	1858.190	4201	0	12153	0.0020	-0.0004	0.0013	6.52E+06	0.234	3278.810	6199	0	5278	0.0021	-0.0009	0.0003	3.33E+06	0.426
2393.050	1201	0	4824	0.0018	-0.0003	0.0013	3.70E+06	0.268	1817.680	2201	0	8989	0.0020	-0.0004	0.0012	5.49E+06	0.255	1859.190	4201	0	12168	0.0020	-0.0004	0.0013	6.56E+06	0.233	3279.810	6195	0	5262	0.0020	-0.0009	0.0003	3.35E+06	0.427
2394.050	1200	0	4824	0.0018	-0.0003	0.0013	3.71E+06	0.270	1818.680	2201	0	9021	0.0020	-0.0004	0.0012	5.47E+06	0.255	1860.190	4200	0	12184	0.0021	-0.0004	0.0013	6.52E+06	0.232	3280.810	6196	0	5278	0.0021	-0.0009	0.0003	3.37E+06	0.431
2395.050	1200	0	4839	0.0018	-0.0003	0.0013	3.72E+06	0.269	1819.680	2201	0	9021	0.0020	-0.0004	0.0012	5.45E+06	0.254	1861.190	4201	0	12231	0.0021	-0.0004	0.0013	6.52E+06	0.234	3281.810	6197	0	5293	0.0021	-0.0009	0.0003	3.40E+06	0.431
2396.050	1200	0	4839	0.0018	-0.0003	0.0013	3.70E+06	0.270	1820.680	2201	0	9083	0.0020	-0.0004	0.0013	5.47E+06	0.255	1862.190	4201	0	12262	0.0021	-0.0004	0.0013	6.55E+06	0.236	3282.810	6196	0	5340	0.0021	-0.0009	0.0003	3.39E+06	0.430
2397.050	1202	0	4839	0.0018	-0.0003	0.0013	3.70E+06	0.269	1821.680	2201	0	9099	0.0020	-0.0004	0.0013	5.49E+06	0.255	1863.190	4201	0	12278	0.0021	-0.0004	0.0014	6.57E+06	0.236	3283.810	6196	0	5387	0.0021	-0.0009	0.0003	3.41E+06	0.432
2398.050	1201	0	4902	0.0019	-0.0003	0.0013	3.69E+06	0.269	1822.680	2200	0	9099	0.0020	-0.0004	0.0012	5.50E+06	0.256	1864.190	4201	0	12294	0.0021	-0.0004	0.0013	6.56E+06	0.235	3284.810	6196	0	5356	0.0021	-0.0009	0.0003	3.41E+06	0.431
2399.040	1200	0	4902	0.0019	-0.0003	0.0013	3.69E+06	0.269	1823.680	2201	0	9146	0.0020	-0.0004	0.0013	5.52E+06	0.258	1865.190	4203	0	12341	0.0021	-0.0004	0.0013	6.56E+06	0.235	3285.810	6196	0	5387	0.0021	-0.0009	0.0003	3.44E+06	0.431
2400.040	1201	0	4933	0.0019	-0.0003	0.0013	3.69E+06	0.271	1824.680	2201	0	9177	0.0020	-0.0004	0.0013	5.50E+06	0.257	1866.190	4199	0	12356	0.0021	-0.0004	0.0013	6.56E+06	0.234	3286.810	6195	0	5434	0.0021	-0.0009	0.0003	3.46E+06	0.432
2401.040	1200	0	4964	0.0019	-0.0003	0.0013	3.64E+06	0.269	1825.680	2202	0	9209	0.0020	-0.0004	0.0013	5.50E+06	0.257	1867.190	4200	0	12388	0.0021	-0.0004	0.0014	6.53E+06	0.234	3287.810	6198	0	5419	0.0021	-0.0009	0.0003	3.45E+06	0.432
2402.040	1201	0	4964	0.0019	-0.0003	0.0013	3.61E+06	0.270	1826.680	2202	0	9256	0.0020	-0.0004	0.0013	5.50E+06	0.256	1868.190	4200	0	12419	0.0021	-0.0004	0.0013	6.56E+06	0.235	3288.810	6198	0	5403	0.0021	-0.0009	0.0003	3.48E+06	0.435
2403.040	1201	0	4996	0.0019	-0.0003	0.0013	3.61E+06	0.270	1827.680	2199	0	9271	0.0020	-0.0004	0.0013	5.52E+06	0.258	1869.190	4200	0	12450	0.0021	-0.0004	0.0014	6.59E+06	0.235	3289.810	6197	0	5450	0.0021	-0.0009	0.0003	3.50E+06	0.434
2404.040	1202	0	4996	0.0019	-0.0003	0.0013	3.62E+06	0.270	1828.680	2201	0	9271	0.0020	-0.0004	0.0013	5.56E+06	0.258	1870.190	4200	0	12466	0.0021	-0.0004	0.0014	6.62E+06	0.237	3290.810								

2448.030	1200	0	5857	0.0021	-0.0004	0.0014	4.06E+06	0.304	1872.670	2202	0	10446	0.0023	-0.0004	0.0014	5.62E+06	0.285	1914.180	4201	0	13860	0.0023	-0.0004	0.0014	6.52E+06	0.253	3334.800	6196	0	6249	0.0023	-0.0010	0.0003	3.80E+06	0.468
2449.030	1201	0	5873	0.0021	-0.0004	0.0014	4.05E+06	0.304	1873.660	2202	0	10461	0.0023	-0.0004	0.0014	5.63E+06	0.285	1915.180	4200	0	13907	0.0023	-0.0004	0.0015	6.56E+06	0.256	3335.800	6198	0	6249	0.0023	-0.0010	0.0003	3.79E+06	0.468
2450.030	1201	0	5904	0.0021	-0.0004	0.0014	4.05E+06	0.305	1874.660	2201	0	10524	0.0023	-0.0004	0.0014	5.63E+06	0.286	1916.180	4200	0	13954	0.0023	-0.0004	0.0015	6.53E+06	0.255	3336.790	6198	0	6296	0.0023	-0.0010	0.0003	3.77E+06	0.469
2451.030	1201	0	5904	0.0021	-0.0004	0.0014	4.08E+06	0.307	1875.660	2201	0	10540	0.0023	-0.0005	0.0014	5.58E+06	0.286	1917.180	4200	0	13938	0.0023	-0.0004	0.0015	6.51E+06	0.255	3337.790	6197	0	6327	0.0023	-0.0010	0.0003	3.79E+06	0.471
2452.030	1201	0	5935	0.0021	-0.0004	0.0014	4.09E+06	0.307	1876.660	2201	0	10571	0.0023	-0.0005	0.0014	5.56E+06	0.284	1918.180	4198	0	13985	0.0023	-0.0004	0.0015	6.46E+06	0.254	3338.790	6197	0	6327	0.0023	-0.0010	0.0003	3.78E+06	0.473
2453.030	1201	0	5951	0.0021	-0.0004	0.0014	4.04E+06	0.304	1877.660	2200	0	10587	0.0023	-0.0005	0.0014	5.53E+06	0.283	1919.170	4201	0	14016	0.0023	-0.0004	0.0015	6.47E+06	0.255	3339.790	6198	0	6327	0.0023	-0.0010	0.0003	3.77E+06	0.475
2454.030	1202	0	5982	0.0021	-0.0004	0.0014	4.02E+06	0.302	1878.660	2201	0	10587	0.0023	-0.0005	0.0014	5.52E+06	0.283	1920.170	4200	0	14048	0.0023	-0.0004	0.0015	6.48E+06	0.255	3340.790	6197	0	6343	0.0023	-0.0010	0.0003	3.77E+06	0.476
2455.030	1201	0	6014	0.0021	-0.0004	0.0014	4.05E+06	0.304	1879.660	2201	0	10649	0.0023	-0.0005	0.0014	5.54E+06	0.285	1921.170	4200	0	14079	0.0023	-0.0004	0.0015	6.52E+06	0.257	3341.790	6196	0	6390	0.0024	-0.0010	0.0003	3.77E+06	0.479
2456.030	1200	0	6014	0.0021	-0.0004	0.0014	4.05E+06	0.304	1880.660	2201	0	10681	0.0023	-0.0005	0.0014	5.51E+06	0.284	1922.170	4201	0	14126	0.0023	-0.0004	0.0015	6.51E+06	0.257	3342.790	6197	0	6405	0.0024	-0.0010	0.0003	3.75E+06	0.478
2457.030	1200	0	6029	0.0022	-0.0004	0.0014	4.09E+06	0.306	1881.660	2200	0	10712	0.0023	-0.0005	0.0014	5.49E+06	0.285	1923.170	4199	0	14142	0.0023	-0.0004	0.0015	6.48E+06	0.256	3343.790	6199	0	6437	0.0024	-0.0010	0.0003	3.73E+06	0.477
2458.030	1200	0	6061	0.0021	-0.0004	0.0014	4.15E+06	0.311	1882.660	2201	0	10743	0.0023	-0.0005	0.0014	5.52E+06	0.286	1924.170	4202	0	14173	0.0023	-0.0004	0.0015	6.45E+06	0.255	3344.790	6197	0	6421	0.0024	-0.0010	0.0003	3.73E+06	0.476
2459.030	1200	0	6076	0.0022	-0.0004	0.0014	4.15E+06	0.311	1883.660	2201	0	10775	0.0023	-0.0005	0.0014	5.47E+06	0.285	1925.170	4200	0	14173	0.0023	-0.0004	0.0015	6.45E+06	0.254	3345.790	6196	0	6484	0.0024	-0.0010	0.0003	3.71E+06	0.474
2460.030	1201	0	6108	0.0021	-0.0004	0.0014	4.19E+06	0.313	1884.660	2201	0	10790	0.0023	-0.0005	0.0014	5.44E+06	0.284	1926.170	4200	0	14251	0.0024	-0.0004	0.0015	6.45E+06	0.254	3346.790	6194	0	6452	0.0024	-0.0010	0.0003	3.69E+06	0.474
2461.030	1200	0	6123	0.0022	-0.0004	0.0014	4.22E+06	0.314	1885.660	2201	0	10790	0.0023	-0.0005	0.0014	5.45E+06	0.287	1927.170	4201	0	14283	0.0024	-0.0004	0.0015	6.45E+06	0.255	3347.790	6198	0	6499	0.0024	-0.0010	0.0003	3.69E+06	0.473
2462.020	1200	0	6123	0.0022	-0.0004	0.0014	4.18E+06	0.313	1886.660	2199	0	10837	0.0023	-0.0005	0.0014	5.48E+06	0.286	1928.170	4201	0	14298	0.0024	-0.0004	0.0015	6.45E+06	0.255	3348.790	6196	0	6499	0.0024	-0.0010	0.0003	3.70E+06	0.474
2463.020	1202	0	6155	0.0022	-0.0004	0.0014	4.18E+06	0.315	1887.660	2201	0	10869	0.0023	-0.0005	0.0014	5.46E+06	0.287	1929.170	4201	0	14345	0.0024	-0.0004	0.0015	6.46E+06	0.255	3349.790	6195	0	6562	0.0024	-0.0010	0.0003	3.69E+06	0.474
2464.020	1202	0	6170	0.0022	-0.0004	0.0014	4.19E+06	0.316	1888.660	2201	0	10916	0.0023	-0.0005	0.0014	5.49E+06	0.287	1930.170	4200	0	14377	0.0024	-0.0004	0.0015	6.47E+06	0.253	3350.790	6197	0	6562	0.0024	-0.0011	0.0003	3.69E+06	0.475
2465.020	1200	0	6217	0.0022	-0.0004	0.0014	4.18E+06	0.317	1889.660	2201	0	10900	0.0023	-0.0005	0.0014	5.46E+06	0.286	1931.170	4200	0	14377	0.0024	-0.0004	0.0015	6.47E+06	0.253	3351.790	6198	0	6562	0.0024	-0.0011	0.0003	3.69E+06	0.474
2466.020	1199	0	6217	0.0022	-0.0004	0.0014	4.19E+06	0.319	1890.660	2201	0	10947	0.0023	-0.0005	0.0014	5.41E+06	0.286	1932.170	4201	0	14439	0.0024	-0.0004	0.0015	6.50E+06	0.253	3352.790	6197	0	6562	0.0024	-0.0011	0.0003	3.70E+06	0.475
2467.020	1202	0	6233	0.0022	-0.0004	0.0014	4.18E+06	0.317	1891.660	2201	0	10963	0.0023	-0.0005	0.0014	5.46E+06	0.287	1933.170	4200	0	14471	0.0024	-0.0004	0.0015	6.48E+06	0.250	3353.790	6198	0	6578	0.0024	-0.0011	0.0003	3.70E+06	0.476
2468.020	1200	0	6280	0.0022	-0.0004	0.0014	4.14E+06	0.317	1892.660	2201	0	10978	0.0024	-0.0005	0.0014	5.46E+06	0.289	1934.170	4200	0	14486	0.0024	-0.0004	0.0015	6.51E+06	0.253	3354.790	6197	0	6625	0.0024	-0.0011	0.0003	3.71E+06	0.477
2469.020	1201	0	6280	0.0022	-0.0004	0.0014	4.16E+06	0.316	1893.660	2200	0	11025	0.0024	-0.0005	0.0014	5.44E+06	0.289	1935.170	4201	0	14518	0.0024	-0.0004	0.0015	6.53E+06	0.254	3355.790	6195	0	6765	0.0024	-0.0011	0.0003	3.70E+06	0.475
2470.020	1201	0	6343	0.0022	-0.0004	0.0014	4.16E+06	0.315	1894.660	2201	0	11072	0.0024	-0.0005	0.0014	5.51E+06	0.293	1936.170	4199	0	14533	0.0024	-0.0004	0.0015	6.61E+06	0.260	3356.790	6198	0	6922	0.0025	-0.0011	0.0003	3.70E+06	0.476
2471.020	1201	0	6327	0.0022	-0.0004	0.0014	4.15E+06	0.318	1895.660	2201	0	11072	0.0024	-0.0005	0.0014	5.46E+06	0.291	1937.170	4201	0	14596	0.0024	-0.0004	0.0015	6.65E+06	0.259	3357.790	6197	0	6922	0.0025	-0.0011	0.0003	3.70E+06	0.476
2472.020	1200	0	6358	0.0022	-0.0004	0.0014	4.15E+06	0.319	1896.660	2199	0	11088	0.0024	-0.0005	0.0014	5.45E+06	0.291	1938.170	4201	0	14596	0.0024	-0.0004	0.0015	6.65E+06	0.258	3358.790	6196	0	6953	0.0025	-0.0011	0.0003	3.70E+06	0.476
2473.020	1201	0	6358	0.0022	-0.0004	0.0014	4.16E+06	0.319	1897.660	2199	0	11150	0.0024	-0.0005	0.0014	5.50E+06	0.293	1939.170	4201	0	14643	0.0024	-0.0005	0.0015	6.66E+06	0.258	3359.790	6198	0	6891	0.0025	-0.0011	0.0003	3.71E+06	0.475
2474.020	1200	0	6390	0.0022	-0.0004	0.0014	4.13E+06	0.319	1898.660	2200	0	11197	0.0024	-0.0005	0.0014	5.47E+06	0.292	1940.170	4200	0	14705	0.0024	-0.0005	0.0015	6.70E+06	0.262	3360.790	6195	0	6938	0.0025	-0.0011	0.0003	3.72E+06	0.476
2475.020	1202	0	6437	0.0022	-0.0004	0.0014	4.16E+06	0.321	1899.660	2201	0	11213	0.0024	-0.0005	0.0014	5.37E+06	0.292	1941.170	4200	0	14690	0.0024	-0.0005	0.0015	6.72E+06	0.261	3361.790	6197	0	6922	0.0025	-0.0011	0.0003	3.72E+06	0.475
2476.020	1200	0	6452	0.0022	-0.0004	0.0014	4.17E+06	0.321	1900.660	2201	0	11197	0.0024	-0.0005	0.0014	5.40E+06	0.293	1942.170	4200	0	14737	0.0024	-0.0005	0.0015	6.73E+06	0.263	3362.790	6196	0	6969	0.0025	-0.0011	0.0003	3.74E+06	0.477
2477.020	1202	0	6484	0.0022	-0.0004	0.0014	4.15E+06	0.322	1901.660	2201	0	11229	0.0024	-0.0005	0.0014	5.40E+06	0.295	1943.170	4201	0	14784	0.0024	-0.0005	0.0015	6.72E+06	0.263	3363.790	6198	0	6953	0.0025	-0.0011	0.0003	3.76E+06	0.477
2478.020	1202	0	6484	0.0023	-0.0004	0.0015	4.19E+06	0.326	1902.660	2201	0	11244	0.0024	-0.0005	0.0014	5.43E+06	0.297	1944.170	4201	0	14831	0.0024	-0.0005	0.0015	6.70E+06	0.265	3364.790	6197	0	6938	0.0025	-0.0011	0.0003	3.77E+06	0.475
2479.020	1202	0	6515	0.0023	-0.0004	0.0015	4.21E+06	0.327	1903.660	2201	0	11307	0.0024	-0.0005	0.0014	5.48E+06	0.299	1945.170	4201	0	14862	0.0024	-0.0005	0.0015	6.65E+06	0.264	3365.790	6196	0	6953	0.0025	-0.0011	0.0003	3.79E+06	0.476
2480.020	1202	0	6546	0.0022	-0.0004	0.0014	4.20E+06	0.327	1904.650	2200	0	11307	0.0024	-0.0005	0.0014	5.44E+06	0.299	1946.170	4200	0	14862	0.0024	-0.0005	0.0015											

2524.000	1202	0	7470	0.0025	-0.0005	0.0015	4.42E+06	0.371	1948.640	2200	0	12529	0.0026	-0.0006	0.0015	5.38E+06	0.318	1990.150	4201	0	16428	0.0027	-0.0005	0.0017	6.68E+06	0.264	3410.770	6197	0	7783	0.0027	-0.0012	0.0003	4.06E+06	0.472
2525.000	1200	0	7502	0.0025	-0.0005	0.0015	4.42E+06	0.373	1949.640	2201	0	12560	0.0026	-0.0006	0.0015	5.33E+06	0.319	1991.150	4200	0	16475	0.0027	-0.0005	0.0016	6.71E+06	0.262	3411.770	6197	0	7815	0.0027	-0.0012	0.0003	4.06E+06	0.472
2526.000	1200	0	7517	0.0025	-0.0005	0.0015	4.49E+06	0.376	1950.640	2199	0	12591	0.0026	-0.0006	0.0015	5.28E+06	0.320	1992.150	4203	0	16522	0.0027	-0.0005	0.0016	6.73E+06	0.261	3412.770	6194	0	7846	0.0027	-0.0012	0.0003	4.05E+06	0.473
2527.000	1200	0	7517	0.0025	-0.0005	0.0015	4.50E+06	0.376	1951.640	2201	0	12607	0.0027	-0.0006	0.0015	5.29E+06	0.321	1993.150	4200	0	16522	0.0027	-0.0005	0.0016	6.73E+06	0.262	3413.770	6197	0	7830	0.0027	-0.0012	0.0003	4.09E+06	0.477
2528.000	1200	0	7533	0.0025	-0.0005	0.0015	4.46E+06	0.375	1952.640	2201	0	12670	0.0026	-0.0006	0.0015	5.31E+06	0.325	1994.150	4201	0	16569	0.0027	-0.0005	0.0017	6.75E+06	0.261	3414.770	6198	0	7862	0.0027	-0.0012	0.0003	4.11E+06	0.480
2529.000	1201	0	7548	0.0025	-0.0005	0.0015	4.44E+06	0.374	1953.640	2202	0	12685	0.0027	-0.0006	0.0015	5.34E+06	0.326	1995.150	4201	0	16600	0.0027	-0.0005	0.0017	6.71E+06	0.262	3415.770	6198	0	7893	0.0027	-0.0012	0.0003	4.09E+06	0.479
2530.000	1201	0	7611	0.0025	-0.0005	0.0015	4.47E+06	0.376	1954.640	2200	0	12701	0.0027	-0.0006	0.0015	5.38E+06	0.327	1996.150	4201	0	16616	0.0027	-0.0005	0.0017	6.71E+06	0.262	3416.770	6195	0	7909	0.0027	-0.0012	0.0003	4.14E+06	0.483
2531.000	1199	0	7611	0.0025	-0.0005	0.0015	4.44E+06	0.375	1955.640	2202	0	12748	0.0026	-0.0006	0.0015	5.33E+06	0.327	1997.150	4201	0	16647	0.0027	-0.0005	0.0016	6.68E+06	0.260	3417.770	6195	0	7909	0.0028	-0.0012	0.0003	4.14E+06	0.481
2532.000	1200	0	7642	0.0025	-0.0005	0.0015	4.48E+06	0.377	1956.640	2201	0	12779	0.0027	-0.0006	0.0015	5.35E+06	0.330	1998.150	4200	0	16694	0.0027	-0.0005	0.0017	6.67E+06	0.262	3418.770	6196	0	7940	0.0028	-0.0012	0.0003	4.17E+06	0.482
2533.000	1199	0	7642	0.0025	-0.0005	0.0015	4.50E+06	0.379	1957.640	2201	0	12795	0.0027	-0.0006	0.0015	5.38E+06	0.331	1999.150	4200	0	16694	0.0027	-0.0005	0.0017	6.70E+06	0.262	3419.770	6197	0	7956	0.0028	-0.0012	0.0003	4.18E+06	0.481
2534.000	1201	0	7689	0.0025	-0.0005	0.0015	4.53E+06	0.382	1958.640	2200	0	12810	0.0027	-0.0006	0.0015	5.36E+06	0.331	2000.150	4201	0	16741	0.0027	-0.0005	0.0017	6.74E+06	0.263	3420.770	6196	0	7971	0.0028	-0.0012	0.0003	4.17E+06	0.484
2535.000	1200	0	7721	0.0025	-0.0005	0.0015	4.51E+06	0.385	1959.640	2200	0	12842	0.0027	-0.0006	0.0015	5.40E+06	0.332	2001.150	4200	0	16773	0.0027	-0.0005	0.0017	6.75E+06	0.263	3421.770	6196	0	8003	0.0028	-0.0012	0.0003	4.18E+06	0.486
2536.000	1199	0	7736	0.0025	-0.0005	0.0015	4.52E+06	0.385	1960.640	2200	0	12889	0.0027	-0.0006	0.0015	5.40E+06	0.334	2002.150	4200	0	16788	0.0027	-0.0005	0.0017	6.70E+06	0.261	3422.770	6196	0	8003	0.0028	-0.0012	0.0003	4.13E+06	0.482
2537.000	1202	0	7752	0.0025	-0.0005	0.0015	4.50E+06	0.386	1961.640	2200	0	12889	0.0027	-0.0006	0.0015	5.43E+06	0.339	2003.150	4200	0	16851	0.0027	-0.0005	0.0017	6.67E+06	0.259	3423.770	6196	0	8003	0.0028	-0.0012	0.0003	4.12E+06	0.482
2538.000	1200	0	7752	0.0025	-0.0005	0.0015	4.54E+06	0.389	1962.640	2200	0	12936	0.0027	-0.0006	0.0015	5.43E+06	0.342	2004.150	4201	0	16882	0.0027	-0.0005	0.0017	6.64E+06	0.258	3424.770	6196	0	8034	0.0028	-0.0012	0.0003	4.10E+06	0.483
2539.000	1200	0	7815	0.0025	-0.0005	0.0015	4.54E+06	0.391	1963.640	2201	0	12951	0.0027	-0.0006	0.0015	5.42E+06	0.343	2005.150	4200	0	16914	0.0028	-0.0005	0.0017	6.63E+06	0.256	3425.770	6196	0	8081	0.0028	-0.0012	0.0003	4.13E+06	0.486
2540.000	1200	0	7815	0.0025	-0.0005	0.0015	4.53E+06	0.392	1964.640	2200	0	12951	0.0027	-0.0006	0.0015	5.39E+06	0.344	2006.150	4200	0	16929	0.0028	-0.0005	0.0017	6.59E+06	0.258	3426.770	6196	0	8097	0.0028	-0.0012	0.0003	4.12E+06	0.485
2541.000	1201	0	7830	0.0026	-0.0005	0.0015	4.49E+06	0.391	1965.640	2201	0	13014	0.0027	-0.0006	0.0015	5.42E+06	0.346	2007.150	4201	0	17008	0.0028	-0.0005	0.0017	6.59E+06	0.260	3427.770	6197	0	8159	0.0028	-0.0012	0.0003	4.10E+06	0.484
2542.000	1200	0	7893	0.0025	-0.0005	0.0015	4.49E+06	0.392	1966.640	2201	0	13030	0.0027	-0.0006	0.0015	5.47E+06	0.350	2008.150	4199	0	17023	0.0028	-0.0005	0.0017	6.61E+06	0.261	3428.770	6197	0	8128	0.0028	-0.0012	0.0003	4.10E+06	0.485
2543.000	1201	0	7924	0.0026	-0.0005	0.0015	4.47E+06	0.391	1967.630	2201	0	13077	0.0027	-0.0006	0.0015	5.44E+06	0.348	2009.150	4201	0	17039	0.0028	-0.0005	0.0017	6.60E+06	0.262	3429.770	6195	0	8144	0.0028	-0.0012	0.0003	4.13E+06	0.488
2544.000	1201	0	7940	0.0026	-0.0005	0.0015	4.47E+06	0.392	1968.630	2201	0	13077	0.0027	-0.0006	0.0015	5.40E+06	0.349	2010.150	4202	0	17070	0.0028	-0.0006	0.0017	6.61E+06	0.261	3430.760	6196	0	8191	0.0028	-0.0012	0.0003	4.12E+06	0.489
2545.000	1201	0	7971	0.0026	-0.0005	0.0015	4.49E+06	0.394	1969.630	2201	0	13077	0.0027	-0.0006	0.0015	5.42E+06	0.351	2011.150	4199	0	17117	0.0028	-0.0006	0.0017	6.58E+06	0.261	3431.760	6197	0	8191	0.0028	-0.0012	0.0003	4.13E+06	0.490
2546.000	1201	0	7956	0.0026	-0.0005	0.0015	4.47E+06	0.396	1970.630	2201	0	13124	0.0028	-0.0006	0.0016	5.42E+06	0.355	2012.140	4202	0	17117	0.0028	-0.0006	0.0017	6.53E+06	0.261	3432.760	6197	0	8206	0.0028	-0.0012	0.0003	4.13E+06	0.489
2547.000	1201	0	7987	0.0026	-0.0005	0.0015	4.45E+06	0.396	1971.630	2201	0	13171	0.0027	-0.0006	0.0015	5.46E+06	0.358	2013.140	4199	0	17180	0.0028	-0.0006	0.0017	6.56E+06	0.261	3433.760	6196	0	8222	0.0028	-0.0013	0.0003	4.10E+06	0.488
2548.000	1201	0	8034	0.0026	-0.0005	0.0016	4.48E+06	0.397	1972.630	2200	0	13155	0.0027	-0.0006	0.0015	5.51E+06	0.361	2014.140	4200	0	17196	0.0028	-0.0006	0.0017	6.56E+06	0.261	3434.760	6198	0	8269	0.0028	-0.0013	0.0003	4.09E+06	0.488
2549.000	1199	0	8050	0.0026	-0.0005	0.0015	4.45E+06	0.397	1973.630	2202	0	13218	0.0027	-0.0006	0.0015	5.51E+06	0.366	2015.140	4201	0	17274	0.0028	-0.0006	0.0017	6.58E+06	0.261	3435.760	6196	0	8269	0.0028	-0.0013	0.0003	4.05E+06	0.484
2550.000	1201	0	8081	0.0026	-0.0005	0.0015	4.45E+06	0.399	1974.630	2200	0	13218	0.0028	-0.0006	0.0015	5.41E+06	0.364	2016.140	4202	0	17289	0.0028	-0.0006	0.0017	6.51E+06	0.259	3436.760	6198	0	8316	0.0028	-0.0013	0.0003	4.04E+06	0.483
2551.000	1199	0	8159	0.0026	-0.0005	0.0015	4.44E+06	0.398	1975.630	2201	0	13280	0.0028	-0.0006	0.0015	5.41E+06	0.366	2017.140	4202	0	17305	0.0028	-0.0006	0.0017	6.52E+06	0.260	3437.760	6196	0	8300	0.0028	-0.0013	0.0003	4.06E+06	0.484
2552.000	1201	0	8144	0.0026	-0.0005	0.0015	4.41E+06	0.397	1976.630	2201	0	13280	0.0028	-0.0006	0.0016	5.38E+06	0.367	2018.140	4201	0	17321	0.0028	-0.0006	0.0017	6.51E+06	0.262	3438.760	6197	0	8332	0.0028	-0.0013	0.0003	4.06E+06	0.484
2553.000	1202	0	8144	0.0026	-0.0005	0.0016	4.40E+06	0.398	1977.630	2201	0	13312	0.0028	-0.0006	0.0015	5.38E+06	0.367	2019.140	4200	0	17383	0.0028	-0.0006	0.0017	6.52E+06	0.265	3439.760	6196	0	8347	0.0029	-0.0013	0.0003	4.06E+06	0.486
2554.000	1200	0	8175	0.0026	-0.0005	0.0016	4.40E+06	0.400	1978.630	2201	0	13327	0.0028	-0.0006	0.0015	5.41E+06	0.368	2020.140	4200	0	17399	0.0028	-0.0006	0.0017	6.51E+06	0.265	3440.760	6197	0	8379	0.0029	-0.0013	0.0003	4.04E+06	0.486
2555.000	1200	0	8175	0.0026	-0.0005	0.0015	4.38E+06	0.401	1979.630	2201	0	13390	0.0028	-0.0006	0.0015	5.36E+06	0.366	2021.140	4200	0	17430	0.0028	-0.0006	0.0017	6.50E+06	0.265	3441.760	6196	0	8394	0.0029	-0.0013	0.0003	4.03E+06	0.484
2555.990	1200	0	8222	0.0026	-0.0005	0.0015	4.41E+06	0.402	1980.630	2201	0	13374	0.0028	-0.0006	0.0016	5.26E+06	0.364	2022.140	4201	0	17462	0.0029	-0.0006	0.0017											

2599.980	1201	0	9240	0.0028	-0.0006	0.0016	4.70E+06	0.459	2024.620	2200	0	14533	0.0030	-0.0007	0.0016	5.47E+06	0.408	2066.130	4201	0	18777	0.0030	-0.0006	0.0018	6.17E+06	0.286	3486.750	6198	0	9271	0.0031	-0.0014	0.0003	4.26E+06	0.510
2600.980	1200	0	9224	0.0029	-0.0006	0.0016	4.68E+06	0.461	2025.620	2201	0	14549	0.0030	-0.0007	0.0016	5.46E+06	0.411	2067.130	4200	0	18824	0.0031	-0.0006	0.0018	6.07E+06	0.283	3487.750	6197	0	9334	0.0031	-0.0014	0.0003	4.22E+06	0.507
2601.980	1199	0	9271	0.0029	-0.0006	0.0016	4.70E+06	0.464	2026.620	2201	0	14580	0.0030	-0.0007	0.0016	5.45E+06	0.414	2068.130	4199	0	18840	0.0031	-0.0006	0.0018	6.05E+06	0.283	3488.750	6198	0	9334	0.0031	-0.0014	0.0003	4.25E+06	0.510
2602.980	1201	0	9256	0.0029	-0.0006	0.0016	4.71E+06	0.468	2027.620	2201	0	14611	0.0030	-0.0007	0.0016	5.40E+06	0.416	2069.130	4202	0	18856	0.0031	-0.0006	0.0018	6.01E+06	0.283	3489.750	6197	0	9365	0.0031	-0.0014	0.0003	4.27E+06	0.512
2603.980	1201	0	9334	0.0029	-0.0006	0.0016	4.72E+06	0.470	2028.620	2201	0	14627	0.0030	-0.0007	0.0016	5.42E+06	0.419	2070.130	4202	0	18918	0.0031	-0.0006	0.0018	6.02E+06	0.285	3490.750	6197	0	9381	0.0031	-0.0014	0.0003	4.28E+06	0.515
2604.980	1203	0	9334	0.0029	-0.0006	0.0016	4.73E+06	0.475	2029.610	2199	0	14674	0.0030	-0.0007	0.0016	5.43E+06	0.423	2071.130	4202	0	18934	0.0031	-0.0006	0.0018	5.99E+06	0.285	3491.750	6197	0	9396	0.0031	-0.0014	0.0003	4.32E+06	0.515
2605.980	1200	0	9365	0.0029	-0.0007	0.0016	4.72E+06	0.475	2030.610	2201	0	14721	0.0030	-0.0007	0.0016	5.38E+06	0.425	2072.130	4201	0	18950	0.0031	-0.0006	0.0018	6.00E+06	0.286	3492.750	6197	0	9443	0.0031	-0.0014	0.0003	4.33E+06	0.509
2606.980	1201	0	9365	0.0029	-0.0007	0.0016	4.74E+06	0.477	2031.610	2201	0	14690	0.0030	-0.0007	0.0016	5.38E+06	0.428	2073.130	4202	0	18997	0.0031	-0.0006	0.0018	5.99E+06	0.287	3493.740	6197	0	9443	0.0031	-0.0014	0.0003	4.31E+06	0.506
2607.980	1199	0	9412	0.0029	-0.0007	0.0016	4.78E+06	0.479	2032.610	2201	0	14752	0.0030	-0.0007	0.0016	5.39E+06	0.431	2074.130	4201	0	18997	0.0031	-0.0006	0.0018	6.03E+06	0.287	3494.740	6196	0	9475	0.0031	-0.0014	0.0003	4.29E+06	0.505
2608.980	1201	0	9381	0.0029	-0.0007	0.0016	4.79E+06	0.479	2033.610	2201	0	14784	0.0030	-0.0007	0.0016	5.33E+06	0.431	2075.120	4201	0	19028	0.0031	-0.0006	0.0018	6.05E+06	0.289	3495.740	6196	0	9475	0.0031	-0.0014	0.0003	4.27E+06	0.504
2609.980	1202	0	9428	0.0029	-0.0007	0.0016	4.76E+06	0.478	2034.610	2201	0	14831	0.0030	-0.0007	0.0016	5.35E+06	0.434	2076.120	4200	0	19106	0.0031	-0.0006	0.0018	6.02E+06	0.287	3496.740	6197	0	9490	0.0031	-0.0014	0.0003	4.27E+06	0.509
2610.980	1200	0	9443	0.0029	-0.0007	0.0016	4.84E+06	0.485	2035.610	2201	0	14846	0.0031	-0.0007	0.0016	5.35E+06	0.436	2077.120	4199	0	19106	0.0031	-0.0006	0.0018	6.01E+06	0.289	3497.740	6195	0	9537	0.0031	-0.0014	0.0003	4.29E+06	0.509
2611.980	1202	0	9490	0.0029	-0.0007	0.0016	4.83E+06	0.487	2036.610	2201	0	14909	0.0031	-0.0007	0.0016	5.33E+06	0.437	2078.120	4198	0	19122	0.0031	-0.0006	0.0018	6.07E+06	0.293	3498.740	6197	0	9537	0.0031	-0.0014	0.0003	4.29E+06	0.510
2612.980	1201	0	9537	0.0029	-0.0007	0.0016	4.84E+06	0.488	2037.610	2202	0	14925	0.0031	-0.0007	0.0016	5.33E+06	0.439	2079.120	4201	0	19169	0.0031	-0.0006	0.0018	6.06E+06	0.294	3499.740	6199	0	9584	0.0031	-0.0014	0.0003	4.24E+06	0.509
2613.980	1200	0	9537	0.0029	-0.0007	0.0016	4.77E+06	0.485	2038.610	2201	0	14956	0.0031	-0.0007	0.0016	5.32E+06	0.440	2080.120	4201	0	19216	0.0031	-0.0006	0.0018	6.05E+06	0.294	3500.740	6197	0	9584	0.0031	-0.0014	0.0003	4.28E+06	0.512
2614.980	1203	0	9537	0.0029	-0.0007	0.0016	4.77E+06	0.485	2039.610	2201	0	15175	0.0031	-0.0007	0.0016	5.27E+06	0.440	2081.120	4201	0	19247	0.0031	-0.0006	0.0018	6.09E+06	0.293	3501.740	6197	0	9600	0.0032	-0.0014	0.0003	4.27E+06	0.512
2615.980	1201	0	9569	0.0029	-0.0007	0.0016	4.73E+06	0.483	2040.610	2201	0	15379	0.0031	-0.0007	0.0016	5.27E+06	0.443	2082.120	4200	0	19278	0.0031	-0.0006	0.0018	6.13E+06	0.296	3502.740	6197	0	9616	0.0032	-0.0014	0.0003	4.27E+06	0.511
2616.980	1200	0	9584	0.0029	-0.0007	0.0016	4.68E+06	0.480	2041.610	2200	0	15473	0.0032	-0.0008	0.0016	5.26E+06	0.445	2083.120	4199	0	19294	0.0031	-0.0006	0.0018	6.12E+06	0.296	3503.740	6198	0	9631	0.0032	-0.0014	0.0003	4.28E+06	0.512
2617.970	1199	0	9616	0.0029	-0.0007	0.0016	4.69E+06	0.481	2042.610	2201	0	15473	0.0032	-0.0008	0.0016	5.25E+06	0.446	2084.120	4199	0	19325	0.0032	-0.0007	0.0019	6.12E+06	0.294	3504.740	6198	0	9678	0.0032	-0.0014	0.0003	4.28E+06	0.512
2618.970	1203	0	9616	0.0030	-0.0007	0.0016	4.70E+06	0.483	2043.610	2201	0	15457	0.0032	-0.0008	0.0016	5.25E+06	0.447	2085.120	4202	0	19341	0.0031	-0.0006	0.0018	6.13E+06	0.295	3505.740	6196	0	9678	0.0032	-0.0014	0.0003	4.26E+06	0.513
2619.970	1200	0	9694	0.0030	-0.0007	0.0016	4.71E+06	0.486	2044.610	2201	0	15504	0.0031	-0.0008	0.0016	5.25E+06	0.447	2086.120	4200	0	19388	0.0032	-0.0007	0.0019	6.12E+06	0.297	3506.740	6196	0	9710	0.0032	-0.0014	0.0003	4.26E+06	0.514
2620.970	1201	0	9678	0.0029	-0.0007	0.0016	4.67E+06	0.486	2045.610	2200	0	15489	0.0032	-0.0008	0.0016	5.19E+06	0.447	2087.120	4201	0	19435	0.0031	-0.0007	0.0018	6.14E+06	0.297	3507.740	6197	0	9725	0.0032	-0.0014	0.0003	4.27E+06	0.515
2621.970	1200	0	9725	0.0029	-0.0007	0.0016	4.63E+06	0.482	2046.610	2201	0	15489	0.0032	-0.0008	0.0016	5.19E+06	0.450	2088.120	4201	0	19451	0.0032	-0.0007	0.0019	6.15E+06	0.298	3508.740	6197	0	9741	0.0032	-0.0014	0.0003	4.29E+06	0.517
2622.970	1201	0	9741	0.0030	-0.0007	0.0016	4.63E+06	0.484	2047.610	2201	0	15520	0.0032	-0.0008	0.0016	5.17E+06	0.450	2089.120	4201	0	19498	0.0032	-0.0007	0.0018	6.15E+06	0.297	3509.740	6197	0	9772	0.0032	-0.0014	0.0003	4.32E+06	0.518
2623.970	1202	0	9772	0.0030	-0.0007	0.0016	4.64E+06	0.485	2048.610	2201	0	15520	0.0032	-0.0008	0.0016	5.17E+06	0.451	2090.120	4201	0	19545	0.0032	-0.0007	0.0018	6.17E+06	0.298	3510.740	6197	0	9804	0.0032	-0.0014	0.0003	4.31E+06	0.520
2624.970	1200	0	9804	0.0030	-0.0007	0.0016	4.62E+06	0.486	2049.610	2201	0	15551	0.0032	-0.0008	0.0016	5.17E+06	0.455	2091.120	4198	0	19545	0.0032	-0.0007	0.0018	6.16E+06	0.299	3511.740	6197	0	9819	0.0032	-0.0014	0.0003	4.29E+06	0.520
2625.970	1200	0	9804	0.0030	-0.0007	0.0016	4.67E+06	0.486	2050.610	2201	0	15567	0.0032	-0.0008	0.0016	5.15E+06	0.455	2092.120	4199	0	19576	0.0032	-0.0007	0.0019	6.17E+06	0.302	3512.740	6196	0	9819	0.0032	-0.0014	0.0003	4.30E+06	0.521
2626.970	1200	0	9835	0.0030	-0.0007	0.0016	4.59E+06	0.478	2051.610	2201	0	15582	0.0032	-0.0008	0.0016	5.11E+06	0.455	2093.120	4199	0	19592	0.0032	-0.0007	0.0019	6.20E+06	0.305	3513.740	6198	0	9866	0.0032	-0.0014	0.0003	4.30E+06	0.523
2627.970	1201	0	9851	0.0030	-0.0007	0.0016	4.56E+06	0.477	2052.610	2200	0	15582	0.0032	-0.0008	0.0016	5.08E+06	0.456	2094.120	4203	0	19639	0.0032	-0.0007	0.0019	6.22E+06	0.303	3514.740	6196	0	9882	0.0032	-0.0015	0.0003	4.29E+06	0.523
2628.970	1200	0	9882	0.0030	-0.0007	0.0016	4.52E+06	0.474	2053.610	2201	0	15629	0.0032	-0.0008	0.0016	5.07E+06	0.458	2095.120	4201	0	19670	0.0032	-0.0007	0.0019	6.24E+06	0.303	3515.740	6197	0	9898	0.0032	-0.0015	0.0003	4.30E+06	0.523
2629.970	1200	0	9866	0.0030	-0.0007	0.0016	4.56E+06	0.476	2054.610	2201	0	15614	0.0032	-0.0008	0.0016	5.06E+06	0.461	2096.120	4202	0	19686	0.0032	-0.0007	0.0019	6.31E+06	0.299	3516.740	6197	0	10086	0.0032	-0.0015	0.0003	4.29E+06	0.523
2630.970	1202	0	9945	0.0030	-0.0007	0.0016	4.60E+06	0.479	2055.610	2201	0	15629	0.0032	-0.0008	0.0016	5.04E+06	0.461	2097.120	4200	0	19701	0.0032	-0.0007	0.0019	6.31E+06	0.300	3517.740	6197	0	10227	0.0033	-0.0015	0.0003	4.30E+06	0.525
2631.970	1200	0	9945	0.0030	-0.0007	0.0016	4.62E+06	0.479	2056.610	2201	0	15676	0.0032	-0.0008	0.0016	5.04E+06	0.465	2098.120	4201	0	19748	0.0032	-0.0007	0.0019											

2100.590	2201	0	16663	0.0034	-0.0009	0.0016	4.72E+06	0.468	2142.100	4200	0	21173	0.0034	-0.0007	0.0019	6.04E+06	0.328	3562.720	6198	0	11025	0.0035	-0.0016	0.0003	4.54E+06	0.502
2101.590	2202	0	16710	0.0034	-0.0009	0.0016	4.72E+06	0.468	2143.100	4199	0	21205	0.0034	-0.0007	0.0019	6.07E+06	0.332	3563.720	6197	0	11010	0.0035	-0.0016	0.0003	4.57E+06	0.503
2102.160	2201	0	16647	0.0034	-0.0009	0.0016	4.66E+06	0.470	2144.100	4200	0	21205	0.0034	-0.0007	0.0019	6.15E+06	0.336	3564.720	6196	0	11072	0.0035	-0.0016	0.0003	4.56E+06	0.505
									2145.100	4201	0	21267	0.0034	-0.0007	0.0019	6.13E+06	0.330	3565.720	6197	0	11072	0.0035	-0.0016	0.0003	4.54E+06	0.506
									2146.100	4200	0	21283	0.0035	-0.0008	0.0020	6.15E+06	0.326	3566.720	6197	0	11119	0.0035	-0.0016	0.0003	4.56E+06	0.505
									2147.100	4201	0	21346	0.0035	-0.0008	0.0020	6.17E+06	0.320	3567.720	6197	0	11119	0.0035	-0.0016	0.0003	4.54E+06	0.505
									2148.100	4199	0	21377	0.0035	-0.0008	0.0020	6.18E+06	0.321	3568.720	6197	0	11119	0.0035	-0.0016	0.0003	4.58E+06	0.509
									2149.100	4200	0	21393	0.0035	-0.0008	0.0020	6.15E+06	0.320	3569.720	6197	0	11119	0.0035	-0.0016	0.0003	4.59E+06	0.510
									2150.100	4198	0	21408	0.0035	-0.0008	0.0020	6.21E+06	0.321	3570.720	6196	0	11197	0.0035	-0.0016	0.0003	4.58E+06	0.509
									2151.100	4199	0	21455	0.0035	-0.0008	0.0020	6.17E+06	0.319	3571.720	6197	0	11197	0.0035	-0.0016	0.0003	4.58E+06	0.507
									2152.100	4200	0	21471	0.0035	-0.0008	0.0020	6.15E+06	0.322	3572.720	6197	0	11229	0.0035	-0.0016	0.0003	4.58E+06	0.508
									2153.100	4201	0	21518	0.0035	-0.0008	0.0020	6.15E+06	0.323	3573.720	6195	0	11229	0.0035	-0.0016	0.0003	4.57E+06	0.508
									2154.100	4201	0	21565	0.0035	-0.0008	0.0020	6.12E+06	0.324	3574.720	6198	0	11276	0.0035	-0.0016	0.0003	4.58E+06	0.509
									2155.100	4199	0	21581	0.0035	-0.0008	0.0020	6.10E+06	0.324	3575.720	6196	0	11323	0.0035	-0.0016	0.0003	4.60E+06	0.510
									2156.100	4201	0	21612	0.0035	-0.0008	0.0020	6.10E+06	0.324	3576.720	6197	0	11338	0.0035	-0.0016	0.0003	4.56E+06	0.509
									2157.100	4201	0	21643	0.0035	-0.0008	0.0020	6.05E+06	0.327	3577.720	6195	0	11354	0.0036	-0.0016	0.0003	4.53E+06	0.507
									2158.100	4200	0	21674	0.0035	-0.0008	0.0020	6.02E+06	0.328	3578.720	6195	0	11370	0.0035	-0.0016	0.0003	4.58E+06	0.510
									2159.100	4200	0	21706	0.0035	-0.0008	0.0020	5.99E+06	0.329	3579.720	6198	0	11385	0.0036	-0.0016	0.0003	4.56E+06	0.510
									2160.100	4200	0	21721	0.0035	-0.0008	0.0020	5.99E+06	0.331	3580.720	6196	0	11417	0.0036	-0.0016	0.0003	4.55E+06	0.510
									2161.100	4201	0	21784	0.0035	-0.0008	0.0020	5.96E+06	0.332	3581.720	6197	0	11417	0.0036	-0.0016	0.0003	4.56E+06	0.514
									2162.100	4199	0	21815	0.0035	-0.0008	0.0020	5.98E+06	0.335	3582.720	6196	0	11448	0.0036	-0.0016	0.0003	4.53E+06	0.514
									2163.100	4201	0	21800	0.0035	-0.0008	0.0020	5.93E+06	0.334	3583.720	6197	0	11479	0.0036	-0.0016	0.0003	4.50E+06	0.513
									2164.100	4200	0	21862	0.0035	-0.0008	0.0020	5.89E+06	0.334	3584.720	6197	0	11511	0.0036	-0.0016	0.0003	4.49E+06	0.511
									2165.100	4200	0	21878	0.0035	-0.0008	0.0020	5.92E+06	0.337	3585.720	6198	0	11495	0.0036	-0.0016	0.0003	4.46E+06	0.510
									2166.100	4200	0	21925	0.0036	-0.0008	0.0020	5.91E+06	0.338	3586.720	6197	0	11511	0.0036	-0.0016	0.0003	4.47E+06	0.512
									2167.100	4201	0	21941	0.0036	-0.0008	0.0020	5.92E+06	0.342	3587.710	6198	0	11542	0.0036	-0.0016	0.0003	4.46E+06	0.511
									2168.090	4200	0	21988	0.0036	-0.0008	0.0020	5.95E+06	0.343	3588.710	6197	0	11573	0.0036	-0.0016	0.0003	4.44E+06	0.512
									2169.090	4200	0	22019	0.0036	-0.0008	0.0020	5.92E+06	0.343	3589.710	6196	0	11589	0.0036	-0.0017	0.0003	4.41E+06	0.512
									2170.090	4201	0	22066	0.0036	-0.0008	0.0020	5.90E+06	0.345	3590.710	6196	0	11605	0.0036	-0.0017	0.0003	4.44E+06	0.515
									2171.090	4202	0	22066	0.0036	-0.0008	0.0020	5.94E+06	0.347	3591.710	6198	0	11636	0.0036	-0.0017	0.0003	4.41E+06	0.515
									2172.090	4201	0	22097	0.0036	-0.0008	0.0020	5.91E+06	0.348	3592.710	6198	0	11652	0.0036	-0.0017	0.0003	4.42E+06	0.517
									2173.090	4200	0	22097	0.0036	-0.0008	0.0020	5.85E+06	0.346	3593.710	6195	0	11683	0.0036	-0.0017	0.0003	4.45E+06	0.519
									2174.090	4200	0	22129	0.0036	-0.0008	0.0020	5.83E+06	0.346	3594.710	6196	0	11714	0.0036	-0.0017	0.0003	4.40E+06	0.518
									2175.090	4201	0	22176	0.0036	-0.0008	0.0020	5.80E+06	0.345	3595.710	6198	0	11746	0.0036	-0.0017	0.0003	4.39E+06	0.520
									2176.090	4201	0	22207	0.0036	-0.0008	0.0020	5.75E+06	0.343	3596.710	6197	0	11761	0.0036	-0.0017	0.0003	4.39E+06	0.521
									2177.090	4200	0	22223	0.0036	-0.0008	0.0020	5.77E+06	0.342	3597.710	6195	0	11746	0.0036	-0.0017	0.0003	4.37E+06	0.520
									2178.090	4202	0	22254	0.0036	-0.0008	0.0020	5.71E+06	0.341	3598.710	6196	0	11808	0.0036	-0.0017	0.0003	4.36E+06	0.519
									2179.090	4201	0	22270	0.0036	-0.0008	0.0020	5.73E+06	0.344	3599.710	6198	0	11808	0.0036	-0.0017	0.0003	4.37E+06	0.519
									2180.090	4200	0	22285	0.0036	-0.0008	0.0020	5.77E+06	0.348	3600.710	6196	0	11855	0.0037	-0.0017	0.0003	4.35E+06	0.517
									2181.090	4200	0	22317	0.0036	-0.0008	0.0020	5.79E+06	0.351	3601.710	6197	0	11855	0.0037	-0.0017	0.0003	4.36E+06	0.518
									2182.090	4201	0	22332	0.0036	-0.0008	0.0020	5.78E+06	0.353	3602.710	6197	0	11871	0.0037	-0.0017	0.0003	4.35E+06	0.517
									2183.090	4200	0	22379	0.0036	-0.0008	0.0020	5.78E+06	0.352	3603.710	6197	0	11887	0.0037	-0.0017	0.0003	4.32E+06	0.515
									2184.090	4200	0	22426	0.0037	-0.0008	0.0020	5.80E+06	0.354	3604.710	6196	0	11934	0.0037	-0.0017	0.0003	4.37E+06	0.517
									2185.090	4200	0	22442	0.0036	-0.0008	0.0020	5.83E+06	0.356	3605.710	6198	0	11934	0.0037	-0.0017	0.0003	4.38E+06	0.520
									2186.090	4201	0	22442	0.0036	-0.0008	0.0020	5.83E+06	0.358	3606.710	6197	0	11965	0.0037	-0.0017	0.0003	4.37E+06	0.519
									2187.090	4201	0	22489	0.0036	-0.0008	0.0020	5.80E+06	0.358	3607.710	6197	0	11981	0.0037	-0.0017	0.0003	4.38E+06	0.521
									2188.090	4199	0	22505	0.0037	-0.0008	0.0020	5.79E+06	0.357	3608.710	6196	0	12012	0.0037	-0.0017	0.0003	4.39E+06	0.520
									2189.090	4201	0	22552	0.0037	-0.0008	0.0020	5.82E+06	0.360	3609.710	6199	0	12012	0.0037	-0.0017	0.0003	4.37E+06	0.519
									2190.090	4201	0	22583	0.0037	-0.0008	0.0020	5.84E+06	0.362	3610.710	6198	0	12043	0.0037	-0.0017	0.0003	4.40E+06	0.519
									2191.090	4200	0	22614	0.0037	-0.0008	0.0020	5.89E+06	0.366	3611.710	6197	0	12074	0.0037	-0.0017	0.0003	4.40E+06	0.520
									2192.090	4200	0	22630	0.0037	-0.0008	0.0020	5.92E+06	0.366	3612.710	6195	0	12074	0.0037	-0.0017	0.0003	4.37E+06	0.520
									2193.090	4199	0	22677	0.0037	-0.0008	0.0020	5.93E+06	0.368	3613.710	6197	0	12090	0.0037	-0.0017	0.0003	4.38E+06	0.520
									2194.090	4201	0	22692	0.0037	-0.0008	0.0020	6.02E+06	0.374	3614.710	6196	0	12106	0.0037	-0.0017	0.0003	4.38E+06	0.519
									2195.090	4201	0	22724	0.0037	-0.0008												

2218.080	4199	0	23350	0.0038	-0.0009	0.0020	6.02E+06	0.394	3638.700	6197	0	12654	0.0038	-0.0018	0.0003	4.47E+06	0.541
2219.080	4201	0	23397	0.0038	-0.0009	0.0020	6.04E+06	0.393	3639.700	6197	0	12685	0.0038	-0.0018	0.0003	4.47E+06	0.543
2220.080	4201	0	23397	0.0038	-0.0009	0.0021	6.02E+06	0.391	3640.700	6197	0	12685	0.0039	-0.0018	0.0003	4.47E+06	0.546
2221.080	4201	0	23444	0.0038	-0.0009	0.0020	6.01E+06	0.391	3641.700	6196	0	12732	0.0038	-0.0018	0.0003	4.46E+06	0.545
2222.080	4201	0	23476	0.0038	-0.0009	0.0021	6.05E+06	0.394	3642.700	6197	0	12701	0.0038	-0.0018	0.0003	4.43E+06	0.543
2223.080	4199	0	23507	0.0038	-0.0009	0.0020	6.00E+06	0.395	3643.700	6199	0	12748	0.0039	-0.0018	0.0003	4.45E+06	0.548
2224.080	4201	0	23522	0.0038	-0.0009	0.0021	5.93E+06	0.391	3644.700	6197	0	12764	0.0039	-0.0018	0.0003	4.49E+06	0.553
2225.080	4200	0	23554	0.0038	-0.0009	0.0021	5.91E+06	0.390	3645.700	6197	0	12795	0.0039	-0.0018	0.0003	4.48E+06	0.554
2226.080	4202	0	23585	0.0039	-0.0009	0.0021	5.87E+06	0.389	3646.700	6198	0	12811	0.0039	-0.0018	0.0003	4.48E+06	0.555
2227.080	4201	0	23601	0.0038	-0.0009	0.0021	5.84E+06	0.388	3647.700	6198	0	12857	0.0039	-0.0018	0.0003	4.49E+06	0.557
2228.080	4200	0	23663	0.0038	-0.0009	0.0020	5.87E+06	0.388	3648.700	6199	0	12889	0.0039	-0.0018	0.0003	4.47E+06	0.557
2229.080	4200	0	23679	0.0038	-0.0009	0.0021	5.79E+06	0.387	3649.690	6197	0	12873	0.0039	-0.0018	0.0003	4.48E+06	0.559
2230.080	4201	0	23710	0.0039	-0.0009	0.0021	5.76E+06	0.386	3650.690	6196	0	12857	0.0039	-0.0018	0.0003	4.49E+06	0.557
2231.070	4200	0	23757	0.0039	-0.0009	0.0021	5.77E+06	0.388	3651.690	6197	0	12904	0.0039	-0.0018	0.0003	4.50E+06	0.559
2232.070	4200	0	23757	0.0039	-0.0009	0.0021	5.74E+06	0.389	3652.690	6199	0	12936	0.0039	-0.0018	0.0003	4.53E+06	0.558
2233.070	4201	0	23804	0.0039	-0.0009	0.0021	5.72E+06	0.388	3653.690	6198	0	12983	0.0039	-0.0018	0.0003	4.57E+06	0.556
2234.070	4200	0	23820	0.0039	-0.0009	0.0021	5.68E+06	0.387	3654.690	6197	0	12983	0.0039	-0.0018	0.0003	4.56E+06	0.552
2235.070	4200	0	23867	0.0039	-0.0009	0.0021	5.66E+06	0.388	3655.690	6198	0	13045	0.0039	-0.0018	0.0003	4.61E+06	0.550
2236.070	4201	0	23898	0.0039	-0.0009	0.0021	5.62E+06	0.387	3656.690	6196	0	13030	0.0039	-0.0018	0.0003	4.64E+06	0.549
2237.070	4200	0	23898	0.0039	-0.0009	0.0021	5.60E+06	0.386	3657.690	6197	0	13045	0.0039	-0.0018	0.0003	4.65E+06	0.546
2238.070	4200	0	23961	0.0039	-0.0009	0.0021	5.55E+06	0.385	3658.690	6197	0	13061	0.0039	-0.0018	0.0003	4.68E+06	0.548
2239.070	4200	0	23992	0.0039	-0.0009	0.0021	5.51E+06	0.383	3659.690	6197	0	13139	0.0039	-0.0018	0.0003	4.67E+06	0.544
2240.070	4200	0	24008	0.0039	-0.0009	0.0021	5.53E+06	0.385	3660.690	6197	0	13108	0.0039	-0.0018	0.0003	4.66E+06	0.545
2241.070	4200	0	24024	0.0039	-0.0009	0.0021	5.51E+06	0.384	3661.690	6197	0	13139	0.0039	-0.0018	0.0003	4.66E+06	0.544
2242.070	4201	0	24039	0.0039	-0.0009	0.0021	5.53E+06	0.385	3662.690	6197	0	13171	0.0040	-0.0018	0.0003	4.67E+06	0.544
2243.070	4201	0	24086	0.0039	-0.0009	0.0021	5.56E+06	0.386	3663.690	6195	0	13155	0.0040	-0.0018	0.0003	4.67E+06	0.546
2244.070	4199	0	24086	0.0039	-0.0009	0.0021	5.58E+06	0.387	3664.690	6196	0	13186	0.0040	-0.0018	0.0003	4.68E+06	0.547
2245.070	4202	0	24133	0.0039	-0.0009	0.0021	5.60E+06	0.390	3665.690	6197	0	13202	0.0040	-0.0018	0.0003	4.67E+06	0.545
2246.070	4203	0	24180	0.0039	-0.0009	0.0021	5.62E+06	0.391	3666.690	6197	0	13249	0.0040	-0.0018	0.0003	4.61E+06	0.542
2247.070	4200	0	24196	0.0039	-0.0009	0.0021	5.64E+06	0.393	3667.690	6198	0	13280	0.0040	-0.0019	0.0003	4.63E+06	0.545
2248.070	4199	0	24196	0.0040	-0.0009	0.0021	5.64E+06	0.394	3668.690	6195	0	13280	0.0040	-0.0019	0.0003	4.62E+06	0.547
2249.070	4200	0	24259	0.0040	-0.0009	0.0021	5.68E+06	0.395	3669.690	6198	0	13312	0.0040	-0.0019	0.0003	4.62E+06	0.550
2250.070	4201	0	24274	0.0040	-0.0009	0.0021	5.66E+06	0.394	3670.690	6197	0	13327	0.0040	-0.0019	0.0003	4.61E+06	0.551
2251.070	4201	0	24290	0.0040	-0.0009	0.0021	5.66E+06	0.397	3671.690	6197	0	13343	0.0040	-0.0019	0.0003	4.60E+06	0.552
2252.070	4202	0	24321	0.0040	-0.0009	0.0021	5.66E+06	0.396	3672.690	6198	0	13374	0.0040	-0.0019	0.0003	4.58E+06	0.554
2253.070	4202	0	24368	0.0040	-0.0009	0.0021	5.61E+06	0.396	3673.690	6199	0	13406	0.0040	-0.0019	0.0003	4.57E+06	0.553
2254.070	4199	0	24368	0.0040	-0.0009	0.0021	5.66E+06	0.399	3674.690	6198	0	13421	0.0040	-0.0019	0.0003	4.57E+06	0.554
2255.070	4199	0	24446	0.0040	-0.0009	0.0021	5.62E+06	0.397	3675.690	6196	0	13421	0.0040	-0.0019	0.0003	4.56E+06	0.555
2256.070	4200	0	24446	0.0040	-0.0009	0.0021	5.65E+06	0.402	3676.690	6198	0	13453	0.0040	-0.0019	0.0003	4.53E+06	0.558
2257.070	4200	0	24462	0.0040	-0.0010	0.0021	5.60E+06	0.399	3677.690	6195	0	13609	0.0040	-0.0019	0.0003	4.53E+06	0.559
2258.070	4199	0	24478	0.0040	-0.0010	0.0021	5.61E+06	0.402	3678.690	6197	0	13703	0.0040	-0.0019	0.0003	4.50E+06	0.558
2259.070	4200	0	24525	0.0040	-0.0010	0.0021	5.59E+06	0.402	3679.690	6197	0	13750	0.0041	-0.0019	0.0003	4.49E+06	0.557
2260.070	4201	0	24540	0.0040	-0.0010	0.0021	5.57E+06	0.404	3680.680	6199	0	13797	0.0041	-0.0019	0.0003	4.49E+06	0.559
2261.070	4201	0	24572	0.0040	-0.0010	0.0021	5.60E+06	0.405	3681.680	6195	0	13860	0.0041	-0.0019	0.0003	4.51E+06	0.559
2262.060	4200	0	24603	0.0040	-0.0010	0.0021	5.59E+06	0.407	3682.680	6197	0	13875	0.0041	-0.0019	0.0003	4.51E+06	0.560
2263.060	4200	0	24634	0.0040	-0.0010	0.0021	5.55E+06	0.406	3683.680	6197	0	13891	0.0041	-0.0019	0.0003	4.51E+06	0.559
2264.060	4199	0	24666	0.0040	-0.0010	0.0021	5.59E+06	0.411	3684.680	6197	0	13907	0.0041	-0.0019	0.0003	4.51E+06	0.559
2265.060	4200	0	24681	0.0040	-0.0010	0.0021	5.57E+06	0.412	3685.680	6196	0	13922	0.0041	-0.0019	0.0003	4.57E+06	0.558
2266.060	4202	0	24713	0.0040	-0.0010	0.0021	5.55E+06	0.414	3686.680	6197	0	13938	0.0041	-0.0019	0.0003	4.58E+06	0.556
2267.060	4202	0	24775	0.0040	-0.0010	0.0021	5.53E+06	0.415	3687.680	6196	0	13954	0.0041	-0.0019	0.0003	4.61E+06	0.554
2268.060	4201	0	24775	0.0040	-0.0010	0.0021	5.49E+06	0.417	3688.680	6196	0	13938	0.0041	-0.0019	0.0002	4.65E+06	0.553
2269.060	4203	0	24822	0.0040	-0.0010	0.0021	5.42E+06	0.419	3689.680	6197	0	13969	0.0041	-0.0019	0.0003	4.63E+06	0.552
2270.060	4201	0	24838	0.0041	-0.0010	0.0021	5.35E+06	0.420	3690.680	6198	0	13969	0.0041	-0.0019	0.0003	4.49E+06	0.554
2271.060	4202	0	24854	0.0040	-0.0010	0.0021	5.23E+06	0.422	3691.680	6197	0	13969	0.0041	-0.0019	0.0003	4.34E+06	0.556
2272.060	4200	0	24932	0.0041	-0.0010	0.0021	5.25E+06	0.426	3692.680	6195	0	13969	0.0041	-0.0019	0.0002	4.19E+06	0.555
2273.060	4200	0	24963	0.0041	-0.0010	0.0021	5.44E+06	0.423	3693.680	6197	0	13969	0.0041	-0.0019	0.0003	4.08E+06	0.554
2274.060	4199	0	25042	0.0041	-0.0010	0.0021	5.51E+06	0.419	3694.680	6196	0	13985	0.0041	-0.0019	0.0003	3.99E+06	0.558
2275.060	4199	0	25042	0.0041	-0.0010	0.0021	5.56E+06	0.418	3695.680	6198	0	13985	0.0041	-0.0019	0.0003	3.90E+06	0.560
2276.060	4201	0	25073	0.0041	-0.0010	0.0021	5.59E+06	0.417	3696.680	6196	0	14016	0.0041	-0.0019	0.0003	3.81E+06	0.561
2277.060	4200	0	25104	0.0041	-0.0010	0.0021	5.54E+06	0.415	3697.680	6198	0	13985	0.0041	-0.0019	0.0002	3.73E+06	0.563
2278.060	4201	0	25120	0.0041	-0.0010	0.0021	5.47E+06	0.417	3698.680	6197	0	14001	0.0042	-0.0019	0.0003	3.65E+06	0.565
2279.060	4202	0	25183	0.0041	-0.0010	0.0021	5.39E+06	0.418	3699.680	6199	0	14016	0.0041	-0.0019	0.0003	3.56E+06	0.568
2280.060	4200	0	25167	0.0041	-0.0010	0.0021	5.27E+06	0.420	3700.680	6197	0	14048	0.0042	-0.0020	0.0003	3.45E+06	0.571
2281.060	4200	0	25198	0.0041	-0.0010	0.0021	5.21E+06	0.422	3701.680	6196	0	14032	0.0041	-0.0020	0.0002	3.32E+06	0.572
2282.060	4198	0	25198	0.0041	-0.0010	0.002											

2294.050	4199	0	25230	0.0042	-0.0010	0.0021	5.47E+06	0.439	3714.670	6196	0	14674	0.0043	-0.0020	0.0002	2.30E+06	0.587
2295.050	4200	0	25120	0.0041	-0.0010	0.0021	5.48E+06	0.438	3715.670	6197	0	14361	0.0043	-0.0020	0.0002	2.57E+06	0.582
2296.050	4201	0	25026	0.0042	-0.0010	0.0021	5.46E+06	0.436	3716.670	6197	0	14314	0.0043	-0.0020	0.0002	2.84E+06	0.573
2297.050	4199	0	25449	0.0042	-0.0010	0.0021	5.49E+06	0.437	3717.670	6198	0	14330	0.0043	-0.0020	0.0002	3.09E+06	0.567
2298.050	4200	0	26028	0.0043	-0.0010	0.0022	5.51E+06	0.437	3718.670	6197	0	14377	0.0043	-0.0020	0.0002	3.35E+06	0.569
2299.050	4202	0	26122	0.0043	-0.0011	0.0021	5.51E+06	0.437	3719.670	6196	0	14408	0.0043	-0.0020	0.0002	3.56E+06	0.566
2300.050	4199	0	26060	0.0043	-0.0011	0.0021	5.55E+06	0.438	3720.670	6196	0	14424	0.0043	-0.0020	0.0002	3.74E+06	0.564
2301.050	4200	0	26013	0.0043	-0.0011	0.0021	5.55E+06	0.439	3721.670	6196	0	14455	0.0043	-0.0020	0.0002	3.83E+06	0.565
2302.050	4203	0	25950	0.0043	-0.0011	0.0021	5.58E+06	0.440	3722.670	6197	0	14455	0.0043	-0.0020	0.0002	3.88E+06	0.566
2303.050	4201	0	25887	0.0043	-0.0011	0.0021	5.61E+06	0.441	3723.670	6198	0	14455	0.0043	-0.0020	0.0002	3.90E+06	0.569
2304.050	4200	0	25825	0.0043	-0.0011	0.0021	5.61E+06	0.441	3724.670	6198	0	14424	0.0043	-0.0020	0.0002	3.95E+06	0.570
2305.050	4200	0	25809	0.0043	-0.0011	0.0021	5.63E+06	0.441	3725.670	6197	0	14377	0.0043	-0.0020	0.0002	4.06E+06	0.572
2306.050	4202	0	25872	0.0043	-0.0011	0.0021	5.63E+06	0.440	3726.670	6196	0	14345	0.0043	-0.0020	0.0002	4.20E+06	0.570
2307.050	4199	0	26060	0.0043	-0.0011	0.0021	5.66E+06	0.444	3727.670	6197	0	14267	0.0043	-0.0020	0.0002	4.38E+06	0.571
2308.050	4200	0	26154	0.0043	-0.0011	0.0021	5.68E+06	0.445	3728.670	6198	0	14251	0.0043	-0.0020	0.0002	4.62E+06	0.573
2309.050	4200	0	26232	0.0043	-0.0011	0.0021	5.68E+06	0.445	3729.670	6195	0	14220	0.0043	-0.0020	0.0002	4.84E+06	0.574
2310.050	4200	0	26216	0.0043	-0.0011	0.0021	5.67E+06	0.447	3730.670	6196	0	14314	0.0043	-0.0020	0.0002	5.07E+06	0.574
2311.050	4201	0	26216	0.0043	-0.0011	0.0021	5.69E+06	0.448	3731.670	6197	0	14330	0.0043	-0.0020	0.0002	5.29E+06	0.570
2312.050	4202	0	26232	0.0043	-0.0011	0.0021	5.72E+06	0.449	3732.670	6197	0	14283	0.0043	-0.0020	0.0002	5.51E+06	0.565
2313.050	4200	0	26247	0.0043	-0.0011	0.0021	5.72E+06	0.449	3733.670	6195	0	14236	0.0043	-0.0020	0.0002	5.75E+06	0.563
2314.050	4201	0	26326	0.0043	-0.0011	0.0021	5.74E+06	0.450	3734.670	6197	0	14173	0.0043	-0.0020	0.0002	6.01E+06	0.562
2315.050	4201	0	26341	0.0043	-0.0011	0.0021	5.79E+06	0.454	3735.670	6195	0	14157	0.0043	-0.0020	0.0002	6.21E+06	0.561
2316.050	4201	0	26373	0.0043	-0.0011	0.0021	5.78E+06	0.455	3736.670	6196	0	14110	0.0043	-0.0020	0.0002	6.44E+06	0.561
2317.050	4200	0	26404	0.0043	-0.0011	0.0021	5.81E+06	0.458	3737.670	6198	0	14063	0.0043	-0.0020	0.0002	6.63E+06	0.561
2318.050	4202	0	26420	0.0043	-0.0011	0.0021	5.81E+06	0.462	3738.670	6196	0	14267	0.0043	-0.0020	0.0002	6.75E+06	0.558
2319.050	4201	0	26467	0.0043	-0.0011	0.0021	5.82E+06	0.467	3739.670	6196	0	14784	0.0043	-0.0020	0.0002	6.83E+06	0.554
2320.050	4201	0	26482	0.0044	-0.0011	0.0021	5.77E+06	0.471	3740.670	6196	0	15050	0.0044	-0.0021	0.0002	6.94E+06	0.554
2321.050	4201	0	26514	0.0044	-0.0011	0.0021	5.69E+06	0.479	3741.670	6196	0	15144	0.0044	-0.0021	0.0002	6.93E+06	0.554
2322.050	4201	0	26545	0.0044	-0.0011	0.0021	5.45E+06	0.488	3742.670	6197	0	15207	0.0044	-0.0021	0.0002	6.90E+06	0.554
2323.050	4200	0	26561	0.0044	-0.0011	0.0021	5.46E+06	0.499	3743.660	6197	0	15238	0.0044	-0.0021	0.0002	6.88E+06	0.554
2324.050	4199	0	26561	0.0044	-0.0011	0.0021	5.55E+06	0.496	3744.660	6196	0	15238	0.0044	-0.0021	0.0002	6.85E+06	0.553
2325.040	4201	0	26592	0.0044	-0.0011	0.0021	5.58E+06	0.491	3745.660	6196	0	15191	0.0044	-0.0021	0.0002	6.81E+06	0.552
2326.040	4202	0	26623	0.0044	-0.0011	0.0021	5.64E+06	0.491	3746.660	6196	0	15050	0.0044	-0.0021	0.0002	6.83E+06	0.553
2327.040	4200	0	26670	0.0044	-0.0011	0.0021	5.68E+06	0.490	3747.660	6198	0	14940	0.0044	-0.0021	0.0002	6.84E+06	0.554
2328.040	4202	0	26670	0.0044	-0.0011	0.0021	5.65E+06	0.486	3748.660	6197	0	14893	0.0044	-0.0021	0.0002	6.82E+06	0.553
2329.040	4200	0	26702	0.0044	-0.0011	0.0021	5.60E+06	0.488	3749.660	6197	0	14972	0.0044	-0.0021	0.0002	6.82E+06	0.553
2330.040	4199	0	26702	0.0044	-0.0011	0.0021	5.52E+06	0.488	3750.660	6197	0	15113	0.0044	-0.0021	0.0002	6.75E+06	0.549
2331.040	4201	0	26749	0.0044	-0.0011	0.0021	5.40E+06	0.489	3751.660	6196	0	15222	0.0044	-0.0021	0.0002	6.72E+06	0.549
2332.040	4202	0	26749	0.0044	-0.0011	0.0021	5.29E+06	0.490	3752.660	6196	0	15285	0.0044	-0.0021	0.0002	6.73E+06	0.550
2333.040	4199	0	26796	0.0044	-0.0011	0.0021	5.34E+06	0.493	3753.660	6197	0	15332	0.0044	-0.0021	0.0002	6.66E+06	0.550
2334.040	4200	0	26811	0.0044	-0.0011	0.0021	5.30E+06	0.491	3754.660	6197	0	15410	0.0044	-0.0021	0.0002	6.58E+06	0.549
2335.040	4200	0	26827	0.0044	-0.0011	0.0021	5.31E+06	0.489	3755.660	6197	0	15426	0.0044	-0.0021	0.0002	6.49E+06	0.550
2336.040	4201	0	26858	0.0044	-0.0011	0.0021	5.33E+06	0.491	3756.660	6198	0	15489	0.0045	-0.0021	0.0002	6.43E+06	0.550
2337.040	4201	0	26874	0.0044	-0.0011	0.0021	5.34E+06	0.493	3757.660	6197	0	15504	0.0045	-0.0021	0.0002	6.35E+06	0.549
2338.040	4200	0	26905	0.0044	-0.0011	0.0021	5.37E+06	0.497	3758.660	6197	0	15536	0.0045	-0.0021	0.0002	6.27E+06	0.549
2339.040	4200	0	26937	0.0044	-0.0012	0.0021	5.40E+06	0.501	3759.660	6198	0	15551	0.0045	-0.0021	0.0002	6.15E+06	0.549
2340.040	4201	0	26937	0.0044	-0.0012	0.0021	5.41E+06	0.504	3760.660	6198	0	15536	0.0045	-0.0021	0.0002	5.99E+06	0.552
2341.040	4202	0	26984	0.0044	-0.0012	0.0021	5.39E+06	0.505	3761.660	6197	0	15536	0.0045	-0.0021	0.0002	5.80E+06	0.555
2342.040	4201	0	27015	0.0044	-0.0012	0.0021	5.37E+06	0.500	3762.660	6198	0	15551	0.0045	-0.0021	0.0002	5.55E+06	0.559
2343.040	4201	0	27030	0.0044	-0.0012	0.0021	5.34E+06	0.499	3763.660	6197	0	15551	0.0045	-0.0021	0.0002	5.21E+06	0.563
2344.040	4200	0	27062	0.0045	-0.0012	0.0021	5.37E+06	0.502	3764.660	6197	0	15582	0.0045	-0.0021	0.0002	4.97E+06	0.572
2345.040	4201	0	27109	0.0045	-0.0012	0.0021	5.56E+06	0.514	3765.660	6197	0	15567	0.0045	-0.0021	0.0002	4.97E+06	0.572
2346.040	4200	0	27109	0.0045	-0.0012	0.0021	5.53E+06	0.511	3766.660	6197	0	15582	0.0045	-0.0021	0.0002	4.99E+06	0.568
2347.040	4200	0	27109	0.0045	-0.0012	0.0021	5.48E+06	0.505	3767.660	6197	0	15582	0.0045	-0.0021	0.0002	5.02E+06	0.563
2348.040	4201	0	27140	0.0045	-0.0012	0.0021	5.45E+06	0.500	3768.660	6196	0	15598	0.0045	-0.0021	0.0002	5.03E+06	0.560
2349.040	4201	0	27156	0.0045	-0.0012	0.0021	5.42E+06	0.494	3769.660	6197	0	15629	0.0045	-0.0021	0.0002	5.07E+06	0.558
2350.040	4200	0	27187	0.0045	-0.0012	0.0021	5.36E+06	0.490	3770.660	6195	0	15645	0.0045	-0.0022	0.0002	5.14E+06	0.561
2351.040	4201	0	27250	0.0045	-0.0012	0.0021	5.44E+06	0.494	3771.660	6198	0	15645	0.0045	-0.0022	0.0002	5.16E+06	0.559
2352.040	4201	0	27265	0.0045	-0.0012	0.0021	5.35E+06	0.491	3772.660	6195	0	15661	0.0045	-0.0021	0.0002	5.11E+06	0.559
2353.040	4202	0	27297	0.0045	-0.0012	0.0021	5.39E+06	0.489	3773.660	6195	0	15692	0.0045	-0.0022	0.0002	5.00E+06	0.561
2354.040	4200	0	27281	0.0045	-0.0012	0.0021	5.33E+06	0.489	3774.650	6196	0	15723	0.0045	-0.0022	0.0002	4.82E+06	0.560
2355.040	4199	0	27344	0.0045	-0.0012	0.0021	5.28E+06	0.482	3775.650	6197	0	15723	0.0045	-0.0022	0.0002	4.71E+06	0.565
2355.520	4200	0	27328	0.0045	-0.0012	0.0021	5.25E+06	0.480	3776.650	6196	0	15802	0.0045	-0.0022	0.0002	4.61E+06	0.565
									3777.650	6198	0	15817	0.0045	-0.0022	0.0002	4.60E+06	0.565
									3778.650	6198	0	15833	0.0045	-0.0022	0.0002	4.55E+06	0.5

3790.650	6197	0	16146	0.0046	-0.0022	0.0002	4.67E+06	0.574
3791.650	6196	0	16178	0.0046	-0.0022	0.0002	4.68E+06	0.576
3792.650	6196	0	16209	0.0046	-0.0022	0.0002	4.67E+06	0.577
3793.650	6196	0	16193	0.0046	-0.0022	0.0002	4.62E+06	0.575
3794.650	6197	0	16240	0.0046	-0.0022	0.0002	4.63E+06	0.580
3795.650	6195	0	16240	0.0046	-0.0022	0.0002	4.60E+06	0.581
3796.650	6197	0	16319	0.0046	-0.0022	0.0002	4.56E+06	0.581
3797.650	6197	0	16319	0.0046	-0.0022	0.0002	4.56E+06	0.584
3798.650	6198	0	16334	0.0046	-0.0022	0.0002	4.56E+06	0.588
3799.650	6197	0	16334	0.0047	-0.0022	0.0002	4.51E+06	0.585
3800.650	6198	0	16366	0.0046	-0.0022	0.0002	4.51E+06	0.591
3801.650	6196	0	16366	0.0047	-0.0022	0.0002	4.46E+06	0.588
3802.650	6197	0	16413	0.0047	-0.0022	0.0002	4.47E+06	0.589
3803.650	6197	0	16413	0.0047	-0.0022	0.0002	4.47E+06	0.592
3804.650	6196	0	16444	0.0047	-0.0022	0.0002	4.42E+06	0.590
3805.640	6198	0	16460	0.0047	-0.0022	0.0002	4.43E+06	0.592
3806.640	6198	0	16475	0.0047	-0.0023	0.0002	4.42E+06	0.593
3807.640	6196	0	16553	0.0047	-0.0023	0.0002	4.40E+06	0.593
3808.640	6196	0	16553	0.0047	-0.0023	0.0002	4.41E+06	0.593
3809.640	6196	0	16538	0.0047	-0.0023	0.0002	4.41E+06	0.593
3810.640	6196	0	16569	0.0047	-0.0023	0.0002	4.38E+06	0.592
3811.640	6197	0	16585	0.0047	-0.0023	0.0002	4.42E+06	0.596
3812.640	6197	0	16600	0.0047	-0.0023	0.0002	4.43E+06	0.598
3813.640	6198	0	16632	0.0047	-0.0023	0.0002	4.47E+06	0.602
3814.640	6197	0	16679	0.0047	-0.0023	0.0002	4.48E+06	0.603
3815.640	6196	0	16647	0.0047	-0.0023	0.0002	4.49E+06	0.606
3816.640	6197	0	16694	0.0047	-0.0023	0.0002	4.47E+06	0.603
3817.640	6197	0	16710	0.0047	-0.0023	0.0002	4.51E+06	0.605
3818.640	6197	0	16741	0.0047	-0.0023	0.0002	4.53E+06	0.605
3819.640	6197	0	16741	0.0047	-0.0023	0.0002	4.52E+06	0.605
3820.640	6198	0	16757	0.0047	-0.0023	0.0002	4.55E+06	0.604
3821.640	6197	0	16804	0.0047	-0.0023	0.0002	4.56E+06	0.608
3822.640	6198	0	16820	0.0048	-0.0023	0.0002	4.60E+06	0.607
3823.640	6196	0	16851	0.0048	-0.0023	0.0002	4.63E+06	0.607
3824.640	6198	0	16851	0.0048	-0.0023	0.0002	4.65E+06	0.608
3825.640	6196	0	16851	0.0048	-0.0023	0.0001	4.63E+06	0.604
3826.640	6196	0	16898	0.0048	-0.0023	0.0002	4.63E+06	0.605
3827.640	6196	0	16945	0.0048	-0.0023	0.0002	4.60E+06	0.604
3828.640	6196	0	16929	0.0048	-0.0023	0.0002	4.61E+06	0.601
3829.640	6197	0	16961	0.0048	-0.0023	0.0002	4.60E+06	0.599
3830.640	6197	0	16961	0.0048	-0.0023	0.0001	4.62E+06	0.601
3831.640	6198	0	16976	0.0048	-0.0023	0.0002	4.58E+06	0.597
3832.640	6197	0	17008	0.0048	-0.0023	0.0001	4.59E+06	0.597
3833.640	6198	0	17070	0.0048	-0.0023	0.0001	4.64E+06	0.598
3834.640	6198	0	17070	0.0048	-0.0023	0.0001	4.62E+06	0.595
3835.640	6196	0	17070	0.0048	-0.0023	0.0002	4.66E+06	0.597
3836.640	6197	0	17102	0.0048	-0.0023	0.0001	4.67E+06	0.598
3837.630	6196	0	17102	0.0048	-0.0023	0.0001	4.66E+06	0.596
3838.630	6198	0	17180	0.0048	-0.0023	0.0001	4.61E+06	0.592
3839.630	6197	0	17196	0.0048	-0.0023	0.0001	4.64E+06	0.597
3840.630	6197	0	17196	0.0048	-0.0023	0.0001	4.64E+06	0.597
3841.630	6196	0	17227	0.0048	-0.0023	0.0001	4.65E+06	0.598
3842.630	6196	0	17243	0.0048	-0.0023	0.0001	4.66E+06	0.599
3843.630	6197	0	17274	0.0048	-0.0024	0.0001	4.68E+06	0.600
3844.630	6197	0	17305	0.0049	-0.0024	0.0001	4.68E+06	0.599
3845.630	6197	0	17352	0.0049	-0.0024	0.0001	4.68E+06	0.600
3846.630	6197	0	17321	0.0049	-0.0024	0.0001	4.62E+06	0.597
3847.630	6196	0	17368	0.0049	-0.0024	0.0001	4.61E+06	0.597
3848.630	6197	0	17399	0.0049	-0.0024	0.0001	4.59E+06	0.594
3849.630	6195	0	17415	0.0049	-0.0024	0.0001	4.56E+06	0.591
3850.630	6198	0	17446	0.0049	-0.0024	0.0001	4.54E+06	0.588
3851.630	6197	0	17446	0.0049	-0.0024	0.0001	4.54E+06	0.593
3852.630	6195	0	17462	0.0049	-0.0024	0.0001	4.50E+06	0.590
3853.630	6197	0	17524	0.0049	-0.0024	0.0001	4.52E+06	0.594
3854.630	6198	0	17509	0.0049	-0.0024	0.0001	4.52E+06	0.595
3855.630	6198	0	17540	0.0049	-0.0024	0.0001	4.49E+06	0.594
3856.630	6195	0	17556	0.0049	-0.0024	0.0001	4.49E+06	0.596
3857.630	6196	0	17618	0.0049	-0.0024	0.0001	4.45E+06	0.595
3858.630	6197	0	17634	0.0049	-0.0024	0.0001	4.42E+06	0.594
3859.630	6198	0	17634	0.0049	-0.0024	0.0001	4.43E+06	0.596
3860.630	6197	0	17681	0.0049	-0.0024	0.0001	4.43E+06	0.596
3861.630	6196	0	17665	0.0049	-0.0024	0.0001	4.40E+06	0.597
3862.630	6196	0	17697	0.0049	-0.0024	0.0001	4.41E+06	0.600
3863.630	6197	0	17712	0.0049	-0.0024	0.0001	4.41E+06	0.603
3864.630	6197	0	17759	0.0049	-0.0024	0.0001	4.44E+06	0.607
3865.630	6196	0	17759	0.0050	-0.0024	0.0001	4.45E+06	0.608

				3866.630	6196	0	17791	0.0050	-0.0024	0.0001	4.44E+06	0.610
				3867.630	6197	0	17791	0.0050	-0.0024	0.0001	4.42E+06	0.608
				3868.620	6197	0	17853	0.0050	-0.0024	0.0001	4.43E+06	0.611
				3869.620	6196	0	17869	0.0050	-0.0024	0.0001	4.43E+06	0.613
				3870.620	6195	0	17885	0.0050	-0.0024	0.0001	4.44E+06	0.614
				3871.620	6198	0	17869	0.0050	-0.0024	0.0001	4.46E+06	0.615
				3872.620	6198	0	17900	0.0050	-0.0024	0.0001	4.44E+06	0.611
				3873.620	6198	0	17947	0.0050	-0.0024	0.0001	4.45E+06	0.612
				3874.620	6195	0	17947	0.0050	-0.0024	0.0001	4.46E+06	0.613
				3875.620	6197	0	17994	0.0050	-0.0024	0.0001	4.50E+06	0.618
				3876.620	6196	0	17979	0.0050	-0.0025	0.0001	4.46E+06	0.614
				3877.620	6196	0	18010	0.0050	-0.0025	0.0001	4.47E+06	0.616
				3878.620	6198	0	18026	0.0050	-0.0025	0.0001	4.47E+06	0.619
				3879.620	6196	0	18057	0.0050	-0.0025	0.0001	4.47E+06	0.618
				3880.620	6198	0	18073	0.0050	-0.0025	0.0001	4.45E+06	0.617
				3881.620	6196	0	18135	0.0050	-0.0025	0.0001	4.46E+06	0.620
				3882.620	6196	0	18104	0.0050	-0.0025	0.0001	4.39E+06	0.614
				3883.620	6195	0	18135	0.0050	-0.0025	0.0001	4.42E+06	0.615
				3884.620	6196	0	18151	0.0050	-0.0025	0.0001	4.45E+06	0.618
				3885.620	6198	0	18198	0.0050	-0.0025	0.0001	4.45E+06	0.620
				3886.620	6197	0	18213	0.0051	-0.0025	0.0001	4.50E+06	0.624
				3887.620	6197	0	18260	0.0051	-0.0025	0.0001	4.51E+06	0.626
				3888.620	6196	0	18260	0.0051	-0.0025	0.0001	4.48E+06	0.625
				3889.620	6197	0	18276	0.0051	-0.0025	0.0001	4.50E+06	0.629
				3890.620	6198	0	18292	0.0051	-0.0025	0.0001	4.50E+06	0.628
				3891.620	6198	0	18307	0.0051	-0.0025	0.0001	4.48E+06	0.627
				3892.620	6197	0	18354	0.0051	-0.0025	0.0001	4.48E+06	0.625
				3893.620	6198	0	18354	0.0051	-0.0025	0.0001	4.49E+06	0.627
				3894.620	6195	0	18386	0.0051	-0.0025	0.0001	4.52E+06	0.630
				3895.620	6197	0	18417	0.0051	-0.0025	0.0001	4.54E+06	0.634
				3896.620	6199	0	18433	0.0051	-0.0025	0.0001	4.52E+06	0.631
				3897.620	6198	0	18480	0.0051	-0.0025	0.0001	4.50E+06	0.629
				3898.610	6198	0	18511	0.0051	-0.0025	0.0001	4.50E+06	0.628
				3899.610	6197	0	18511	0.0051	-0.0025	0.0001	4.50E+06	0.626
				3900.610	6196	0	18527	0.0051	-0.0025	0.0001	4.47E+06	0.622
				3901.610	6197	0	18542	0.0051	-0.0025	0.0001	4.48E+06	0.623
				3902.610	6197	0	18558	0.0051	-0.0025	0.0001	4.49E+06	0.627
				3903.610	6197	0	18589	0.0051	-0.0025	0.0001	4.48E+06	0.625
				3904.610	6197	0	18621	0.0051	-0.0025	0.0001	4.46E+06	0.627
				3905.610	6197	0	18621	0.0052	-0.0025	0.0001	4.48E+06	0.630
				3906.610	6196	0	18652	0.0052	-0.0025	0.0001	4.47E+06	0.633
				3907.610	6196	0	18668	0.0052	-0.0025	0.0001	4.48E+06	0.632
				3908.610	6195	0	18699	0.0052	-0.0025	0.0001	4.49E+06	0.635
				3909.610	6198	0	18730	0.0052	-0.0026	0.0001	4.45E+06	0.631
				3910.610	6198	0	18762	0.0052	-0.0026	0.0001	4.45E+06	0.632
				3911.610	6198	0	18762	0.0052	-0.0026	0.0001	4.45E+06	0.632
				3912.610	6196	0	18793	0.0052	-0.0026	0.0001	4.46E+06	0.636
				3913.610	6199	0	18777	0.0052	-0.0026	0.0001	4.45E+06	0.636
				3914.610	6196	0	18840	0.0052	-0.0026	0.0000	4.47E+06	0.640
				3915.610	6195	0	18856	0.0052	-0.0026	0.0001	4.47E+06	0.639
				3916.610	6197	0	18887	0.0052	-0.0026	0.0001	4.45E+06	0.640
				3917.610	6197	0	18903	0.0052	-0.0026	0.0001	4.41E+06	0.637
				3918.610	6196	0	18918	0.0052	-0.0026	0.0001	4.41E+06	0.637
				3919.610	6196	0	18918	0.0052	-0.0026	0.0000	4.42E+06	0.640
				3920.610	6196	0	18934	0.0052	-0.0026	0.0000	4.41E+06	0.639
				3921.610	6197	0	18981	0.0052	-0.0026	0.0001	4.41E+06	0.639
				3922.610	6196	0	19028	0.0052	-0.0026	0.0000	4.40E+06	0.639
				3923.610	6196	0	19044	0.0052	-0.0026	0.0000	4.36E+06	0.634
				3924.610	6195	0	19075	0.0052	-0.0026	0.0000	4.38E+06	0.635
				3925.610	6197	0	19059	0.0052	-0.0026	0.0000	4.38E+06	0.635
				3926.610	6197	0	19090	0.0053	-0.0026	0.0000	4.42E+06	0.640
				3927.610	6198	0	19122	0.0053	-0.0026	0.0000	4.39E+06	0.636
				3928.610	6197	0	19153	0.0053	-0.0026	0.0000	4.40E+06	0.639
				3929.610	6197	0	19137	0.0053	-0.0026	0.0000	4.41E+06	0.641
				3930.600	6196	0	19184	0.0053	-0.0026	0.0000	4.41E+06	0.643
				3931.600	6196	0	19200	0.0053	-0.0026	0.0000	4.39E+06	0.641
				3932.600	6198	0	19231	0.0053	-0.0026	0.0000	4.37E+06	0.639
				3933.600	6197	0	19263	0.0053	-0.0026	0.0000	4.33E+06	0.636
				3934.600	6197	0	19263	0.0053	-0.0026	0.0000	4.35E+06	0.638
				3935.600	6195	0	19310	0.0053	-0.0026	0.0000	4.38E+06	0.641
				3936.600	6197	0	19310	0.0053	-0.0026	0.0000	4.41E+06	0.645
				3937.600	6198	0	19325	0.0053	-0.0026	0.0000	4.40E+06	0.646
				3938.600	6197	0	19357	0.0053	-0.0026	0.0000	4.41E+06	0.645
				3939.600	6199	0	19404	0.0053	-0.0026	0.0000	4.36E+06	0.645
				3940.600	6196	0	19419	0.0053	-0.0027	0.0000	4.40E+06	0.650
				3941.600	6198	0	19404	0.0053	-0.0027	0.0000	4.38E+06	0.648

3942.600	6196	0	19419	0.0053	-0.0027	0.0000	4.37E+06	0.648
3943.600	6195	0	19466	0.0053	-0.0027	0.0000	4.39E+06	0.650
3944.600	6197	0	19498	0.0053	-0.0027	0.0000	4.38E+06	0.651
3945.600	6197	0	19529	0.0054	-0.0027	0.0000	4.37E+06	0.651
3946.600	6196	0	19545	0.0053	-0.0027	0.0000	4.34E+06	0.650
3947.600	6196	0	19560	0.0054	-0.0027	0.0000	4.33E+06	0.648
3948.600	6196	0	19545	0.0054	-0.0027	0.0000	4.31E+06	0.645
3949.600	6197	0	19607	0.0054	-0.0027	0.0000	4.32E+06	0.645
3950.600	6198	0	19607	0.0054	-0.0027	0.0000	4.31E+06	0.642
3951.600	6197	0	19670	0.0054	-0.0027	0.0000	4.29E+06	0.639
3952.600	6199	0	19670	0.0054	-0.0027	0.0000	4.27E+06	0.637
3953.600	6196	0	19686	0.0054	-0.0027	0.0000	4.28E+06	0.636
3954.600	6197	0	19701	0.0054	-0.0027	0.0000	4.30E+06	0.640
3955.600	6197	0	19733	0.0054	-0.0027	0.0000	4.28E+06	0.639
3956.600	6198	0	19748	0.0054	-0.0027	0.0000	4.27E+06	0.641
3957.600	6197	0	19780	0.0054	-0.0027	0.0000	4.28E+06	0.643
3958.600	6197	0	19795	0.0054	-0.0027	0.0000	4.28E+06	0.642
3959.600	6196	0	19827	0.0054	-0.0027	0.0000	4.31E+06	0.646
3960.600	6197	0	19874	0.0054	-0.0027	0.0000	4.29E+06	0.645
3961.590	6197	0	19842	0.0054	-0.0027	0.0000	4.26E+06	0.641
3962.590	6197	0	19858	0.0054	-0.0027	0.0000	4.25E+06	0.641
3963.590	6198	0	19921	0.0054	-0.0027	0.0000	4.26E+06	0.644
3964.590	6196	0	19905	0.0054	-0.0027	0.0000	4.24E+06	0.643
3965.590	6197	0	19952	0.0054	-0.0027	0.0000	4.25E+06	0.644
3966.590	6197	0	19952	0.0055	-0.0027	0.0000	4.27E+06	0.645
3967.590	6197	0	19983	0.0055	-0.0027	0.0000	4.26E+06	0.645
3968.590	6196	0	19999	0.0054	-0.0027	0.0000	4.26E+06	0.645
3969.590	6197	0	19999	0.0055	-0.0027	0.0000	4.26E+06	0.646
3970.590	6198	0	20061	0.0055	-0.0027	0.0000	4.27E+06	0.649
3971.590	6197	0	20061	0.0055	-0.0027	0.0000	4.26E+06	0.649
3972.590	6197	0	20093	0.0055	-0.0028	0.0000	4.28E+06	0.648
3973.590	6196	0	20108	0.0055	-0.0028	0.0000	4.27E+06	0.649
3974.590	6198	0	20140	0.0055	-0.0028	0.0000	4.24E+06	0.648
3975.590	6196	0	20140	0.0055	-0.0028	0.0000	4.24E+06	0.649
3976.590	6199	0	20171	0.0055	-0.0028	0.0000	4.21E+06	0.646
3977.590	6197	0	20202	0.0055	-0.0028	0.0000	4.21E+06	0.646
3978.590	6198	0	20234	0.0055	-0.0028	0.0000	4.20E+06	0.643
3979.590	6197	0	20249	0.0055	-0.0028	0.0000	4.28E+06	0.638
3980.590	6195	0	20249	0.0055	-0.0028	0.0000	4.35E+06	0.631
3981.590	6196	0	20265	0.0055	-0.0028	0.0000	4.40E+06	0.627
3982.590	6197	0	20296	0.0055	-0.0028	0.0000	4.42E+06	0.629
3983.590	6196	0	20328	0.0055	-0.0028	0.0000	4.40E+06	0.630
3984.590	6195	0	20359	0.0055	-0.0028	0.0000	4.35E+06	0.630
3985.590	6196	0	20359	0.0055	-0.0028	0.0000	4.33E+06	0.633
3986.590	6199	0	20359	0.0056	-0.0028	0.0000	4.28E+06	0.635
3987.590	6198	0	20390	0.0056	-0.0028	0.0000	4.22E+06	0.637
3988.590	6197	0	20453	0.0056	-0.0028	-0.0001	4.16E+06	0.638
3989.590	6197	0	20453	0.0056	-0.0028	0.0000	4.10E+06	0.638
3990.590	6197	0	20469	0.0056	-0.0028	0.0000	4.04E+06	0.641
3991.590	6195	0	20516	0.0056	-0.0028	-0.0001	4.00E+06	0.646
3992.580	6197	0	20531	0.0056	-0.0028	-0.0001	3.94E+06	0.649
3993.580	6197	0	20563	0.0056	-0.0028	-0.0001	3.89E+06	0.651
3994.580	6198	0	20547	0.0056	-0.0028	-0.0001	3.86E+06	0.656
3995.580	6198	0	20563	0.0056	-0.0028	-0.0001	3.82E+06	0.661
3996.580	6195	0	20594	0.0056	-0.0028	-0.0001	3.79E+06	0.661
3997.580	6196	0	20625	0.0056	-0.0028	-0.0001	3.78E+06	0.661
3998.580	6196	0	20657	0.0056	-0.0028	-0.0001	3.78E+06	0.661
3999.580	6196	0	20641	0.0056	-0.0028	-0.0001	3.79E+06	0.660
4000.580	6197	0	20672	0.0056	-0.0028	-0.0001	3.82E+06	0.661
4001.580	6196	0	20688	0.0056	-0.0028	-0.0001	3.84E+06	0.661
4002.580	6196	0	20704	0.0056	-0.0029	-0.0001	3.88E+06	0.660
4003.580	6197	0	20735	0.0056	-0.0029	-0.0001	3.91E+06	0.658
4004.580	6197	0	21095	0.0057	-0.0029	-0.0001	3.96E+06	0.657
4005.580	6195	0	21252	0.0057	-0.0029	-0.0001	4.00E+06	0.657
4006.580	6196	0	21267	0.0057	-0.0029	-0.0001	4.05E+06	0.657
4007.580	6195	0	21189	0.0057	-0.0029	-0.0001	4.06E+06	0.659
4008.580	6195	0	21142	0.0057	-0.0029	-0.0001	4.12E+06	0.660
4009.580	6197	0	21126	0.0057	-0.0029	-0.0001	4.15E+06	0.660
4010.580	6197	0	21111	0.0057	-0.0029	-0.0001	4.20E+06	0.660
4011.580	6198	0	21048	0.0057	-0.0029	-0.0001	4.23E+06	0.661
4012.580	6197	0	21032	0.0057	-0.0029	-0.0001	4.24E+06	0.661
4013.580	6196	0	21064	0.0057	-0.0029	-0.0001	4.25E+06	0.658
4014.580	6196	0	21017	0.0057	-0.0029	-0.0001	4.30E+06	0.660
4015.580	6197	0	21001	0.0057	-0.0029	-0.0001	4.32E+06	0.659
4016.580	6197	0	21001	0.0057	-0.0029	-0.0001	4.33E+06	0.657
4017.580	6198	0	20985	0.0057	-0.0029	-0.0001	4.37E+06	0.660

				4018.580	6196	0	21032	0.0057	-0.0029	-0.0001	4.39E+06	0.659
				4019.580	6196	0	21032	0.0057	-0.0029	-0.0001	4.44E+06	0.662
				4020.580	6195	0	21048	0.0057	-0.0029	-0.0001	4.48E+06	0.666
				4021.580	6196	0	21111	0.0058	-0.0029	-0.0001	4.50E+06	0.669
				4022.580	6198	0	21236	0.0058	-0.0029	-0.0001	4.51E+06	0.668
				4023.580	6198	0	21267	0.0058	-0.0029	-0.0001	4.54E+06	0.671
				4024.570	6198	0	21361	0.0058	-0.0030	-0.0001	4.56E+06	0.673
				4025.570	6197	0	21408	0.0058	-0.0030	-0.0001	4.59E+06	0.678
				4026.570	6197	0	21471	0.0058	-0.0030	-0.0001	4.62E+06	0.680
				4027.570	6197	0	21518	0.0058	-0.0030	-0.0001	4.63E+06	0.681
				4028.570	6197	0	21565	0.0058	-0.0030	-0.0001	4.65E+06	0.683
				4029.570	6198	0	21612	0.0058	-0.0030	-0.0001	4.69E+06	0.684
				4030.570	6195	0	21643	0.0058	-0.0030	-0.0001	4.76E+06	0.682
				4031.570	6196	0	21690	0.0058	-0.0030	-0.0001	4.82E+06	0.680
				4032.570	6195	0	21659	0.0058	-0.0030	-0.0001	4.86E+06	0.677
				4033.570	6196	0	21753	0.0059	-0.0030	-0.0001	4.90E+06	0.680
				4034.570	6197	0	21737	0.0059	-0.0030	-0.0001	4.92E+06	0.680
				4035.570	6198	0	21815	0.0059	-0.0030	-0.0001	4.90E+06	0.680
				4036.570	6196	0	21800	0.0059	-0.0030	-0.0002	4.90E+06	0.680
				4037.570	6197	0	21831	0.0059	-0.0030	-0.0002	4.86E+06	0.680
				4038.570	6198	0	21878	0.0059	-0.0030	-0.0001	4.81E+06	0.679
				4039.570	6198	0	21894	0.0059	-0.0030	-0.0002	4.77E+06	0.679
				4040.570	6197	0	21909	0.0059	-0.0030	-0.0002	4.71E+06	0.678
				4041.570	6195	0	21941	0.0059	-0.0030	-0.0002	4.62E+06	0.678
				4042.570	6197	0	21909	0.0059	-0.0030	-0.0002	4.55E+06	0.682
				4043.570	6197	0	21956	0.0059	-0.0030	-0.0002	4.45E+06	0.686
				4044.570	6195	0	21972	0.0059	-0.0030	-0.0002	4.35E+06	0.687
				4045.570	6199	0	21988	0.0059	-0.0030	-0.0002	4.25E+06	0.692
				4046.570	6199	0	22003	0.0059	-0.0031	-0.0002	4.12E+06	0.698
				4047.570	6196	0	21988	0.0059	-0.0031	-0.0002	4.00E+06	0.699
				4048.570	6195	0	22019	0.0059	-0.0031	-0.0002	3.95E+06	0.700
				4049.570	6197	0	22019	0.0059	-0.0031	-0.0002	3.88E+06	0.702
				4050.570	6196	0	22035	0.0059	-0.0031	-0.0002	3.82E+06	0.703
				4051.570	6196	0	22035	0.0059	-0.0031	-0.0002	3.77E+06	0.704
				4052.570	6197	0	22066	0.0059	-0.0031	-0.0002	3.77E+06	0.708
				4053.570	6197	0	22082	0.0060	-0.0031	-0.0002	3.75E+06	0.709
				4054.570	6197	0	22097	0.0059	-0.0031	-0.0002	3.75E+06	0.712
				4055.560	6195	0	22113	0.0060	-0.0031	-0.0002	3.73E+06	0.709
				4056.560	6196	0	22129	0.0060	-0.0031	-0.0002	3.71E+06	0.703
				4057.560	6198	0	22129	0.0060	-0.0031	-0.0002	3.73E+06	0.704
				4058.560	6197	0	22176	0.0060	-0.0031	-0.0002	3.73E+06	0.705
				4059.560	6197	0	22176	0.0060	-0.0031	-0.0002	3.75E+06	0.702
				4060.560	6198	0	22176	0.0060	-0.0031	-0.0002	3.75E+06	0.701
				4061.560	6196	0	22223	0.0060	-0.0031	-0.0002	3.77E+06	0.699
				4062.560	6196	0	22207	0.0060	-0.0031	-0.0002	3.78E+06	0.699
				4063.560	6196	0	22254	0.0060	-0.0031	-0.0002	3.81E+06	0.700
				4064.560	6197	0	22238	0.0060	-0.0031	-0.0002	3.82E+06	0.694
				4065.560	6197	0	22270	0.0060	-0.0031	-0.0002	3.85E+06	0.690
				4066.560	6198	0	22301	0.0060	-0.0031	-0.0002	3.87E+06	0.690
				4067.560	6197	0	22301	0.0060	-0.0031	-0.0002	3.88E+06	0.686
				4068.560	6197	0	22317	0.0060	-0.0031	-0.0002	3.90E+06	0.688
				4069.560	6196	0	22348	0.0060	-0.0031	-0.0002	3.91E+06	0.682
				4070.560	6197	0	22364	0.0060	-0.0031	-0.0002	3.94E+06	0.682
				4071.560	6197	0	22364	0.0060	-0.0031	-0.0002	3.98E+06	0.684
				4072.560	6197	0	22395	0.0060	-0.0031	-0.0002	3.99E+06	0.683
				4073.560	6197	0	22411	0.0060	-0.0031	-0.0002	3.97E+06	0.679
				4074.560	6197	0	22426	0.0060	-0.0031	-0.0002	3.98E+06	0.679
				4075.560	6197	0	22426	0.0060	-0.0031	-0.0002	3.99E+06	0.682
				4076.560	6196	0	22426	0.0060	-0.0031	-0.0002	4.00E+06	0.684
				4077.560	6195	0	22473	0.0060	-0.0031	-0.0002	3.99E+06	0.684
				4078.560	6197	0	22473	0.0061	-0.0031	-0.0002	3.97E+06	0.686
				4079.560	6197	0	22489	0.0060	-0.0031	-0.0002	3.98E+06	0.687
				4080.560	6198	0	22505	0.0061	-0.0031	-0.0002	3.98E+06	0.688
				4081.560	6198	0	22536	0.0061	-0.0031	-0.0002	3.99E+06	0.689
				4082.560	6199	0	22567	0.0061	-0.0032	-0.0002	3.99E+06	0.692
				4083.560	6197	0	22598	0.0061	-0.0032	-0.0002	3.97E+06	0.690
				4084.560	6197	0	22583	0.0061	-0.0032	-0.0002	4.02E+06	0.697
				4085.560	6197	0	22614	0.0061	-0.0032	-0.0002	4.02E+06	0.697
				4086.550	6196	0	22630	0.0061	-0.0032	-0.0002	4.03E+06	0.697
				4087.550	6199	0	22630	0.0061	-0.0032	-0.0002	4.06E+06	0.698
				4088.550	6198	0	22677	0.0061	-0.0032	-0.0002	4.04E+06	0.699
				4089.550	6198	0	22692	0.0061	-0.0032	-0.0002	4.03E+06	0.693
				4090.550	6197	0	22708	0.0061	-0.0032	-0.0002	4.02E+06	0.695
				4091.550	6196	0	22708	0.0061	-0.0032	-0.0003	4.01E+06	0.692
				4092.550	6198	0	22739	0.0061	-0.0032	-0.0003	4.03E+06	0.691
				4093.550	6197	0	22739	0.0061	-0.0032	-0.0003	4.02E+06	0.691

4094.550	6198	0	22802	0.0061	-0.0032	-0.0003	4.01E+06	0.688
4095.550	6196	0	22786	0.0061	-0.0032	-0.0003	4.02E+06	0.690
4096.550	6197	0	22818	0.0061	-0.0032	-0.0003	4.01E+06	0.690
4097.550	6197	0	22818	0.0061	-0.0032	-0.0003	4.01E+06	0.690
4098.550	6196	0	22818	0.0061	-0.0032	-0.0003	3.98E+06	0.687
4099.550	6198	0	22849	0.0061	-0.0032	-0.0003	4.00E+06	0.685
4100.550	6197	0	22865	0.0061	-0.0032	-0.0003	4.01E+06	0.687
4101.550	6198	0	22896	0.0062	-0.0032	-0.0003	4.03E+06	0.687
4102.550	6196	0	22896	0.0062	-0.0032	-0.0003	4.02E+06	0.688
4103.550	6195	0	22865	0.0062	-0.0032	-0.0003	4.03E+06	0.688
4104.550	6195	0	22912	0.0062	-0.0032	-0.0003	4.03E+06	0.690
4105.550	6198	0	22943	0.0062	-0.0032	-0.0003	4.05E+06	0.697
4106.550	6197	0	22990	0.0062	-0.0032	-0.0003	4.04E+06	0.695
4107.550	6197	0	22959	0.0062	-0.0032	-0.0003	4.04E+06	0.694
4108.550	6197	0	23006	0.0062	-0.0032	-0.0003	4.05E+06	0.695
4109.550	6196	0	23021	0.0062	-0.0032	-0.0003	4.09E+06	0.698
4110.550	6197	0	23053	0.0062	-0.0032	-0.0003	4.06E+06	0.695
4111.550	6199	0	23084	0.0062	-0.0032	-0.0003	4.07E+06	0.695
4112.550	6196	0	23115	0.0062	-0.0032	-0.0003	4.07E+06	0.692
4113.550	6196	0	23084	0.0062	-0.0032	-0.0003	4.07E+06	0.691
4114.550	6196	0	23131	0.0062	-0.0032	-0.0003	4.06E+06	0.691
4115.550	6196	0	23115	0.0062	-0.0033	-0.0003	4.08E+06	0.692
4116.550	6198	0	23131	0.0062	-0.0033	-0.0003	4.06E+06	0.689
4117.540	6197	0	23194	0.0062	-0.0033	-0.0003	4.09E+06	0.691
4118.540	6199	0	23194	0.0062	-0.0033	-0.0003	4.10E+06	0.689
4119.540	6196	0	23209	0.0062	-0.0033	-0.0003	4.13E+06	0.695
4120.540	6195	0	23209	0.0062	-0.0033	-0.0003	4.13E+06	0.695
4121.540	6195	0	23209	0.0062	-0.0033	-0.0003	4.13E+06	0.694
4122.540	6197	0	23272	0.0062	-0.0033	-0.0003	4.14E+06	0.691
4123.540	6197	0	23241	0.0063	-0.0033	-0.0003	4.11E+06	0.688
4124.540	6198	0	23319	0.0063	-0.0033	-0.0003	4.11E+06	0.689
4125.540	6198	0	23303	0.0063	-0.0033	-0.0003	4.12E+06	0.692
4126.540	6197	0	23350	0.0063	-0.0033	-0.0003	4.15E+06	0.695
4127.540	6198	0	23350	0.0063	-0.0033	-0.0003	4.16E+06	0.697
4128.540	6196	0	23382	0.0063	-0.0033	-0.0003	4.15E+06	0.699
4129.540	6199	0	23413	0.0063	-0.0033	-0.0003	4.12E+06	0.700
4130.540	6198	0	23397	0.0063	-0.0033	-0.0003	4.13E+06	0.704
4131.540	6198	0	23444	0.0063	-0.0033	-0.0003	4.12E+06	0.705
4132.540	6197	0	23460	0.0063	-0.0033	-0.0003	4.13E+06	0.706
4133.540	6195	0	23476	0.0063	-0.0033	-0.0003	4.11E+06	0.709
4134.540	6197	0	23507	0.0063	-0.0033	-0.0003	4.08E+06	0.705
4135.540	6196	0	23507	0.0063	-0.0033	-0.0003	4.06E+06	0.705
4136.540	6197	0	23538	0.0063	-0.0033	-0.0003	4.06E+06	0.701
4137.540	6197	0	23554	0.0063	-0.0033	-0.0003	4.06E+06	0.699
4138.540	6196	0	23569	0.0063	-0.0033	-0.0003	4.07E+06	0.700
4139.540	6197	0	23569	0.0063	-0.0033	-0.0003	4.07E+06	0.703
4140.540	6197	0	23616	0.0063	-0.0033	-0.0003	4.06E+06	0.699
4141.540	6197	0	23601	0.0063	-0.0033	-0.0003	4.06E+06	0.699
4142.540	6196	0	23663	0.0063	-0.0033	-0.0003	4.03E+06	0.697
4143.540	6197	0	23663	0.0063	-0.0033	-0.0003	4.05E+06	0.698
4144.540	6196	0	23663	0.0063	-0.0033	-0.0004	4.02E+06	0.696
4145.540	6197	0	23679	0.0063	-0.0033	-0.0003	4.01E+06	0.695
4146.540	6196	0	23726	0.0064	-0.0034	-0.0003	4.04E+06	0.701
4147.540	6198	0	23757	0.0064	-0.0034	-0.0003	4.03E+06	0.703
4148.540	6197	0	23726	0.0064	-0.0034	-0.0003	4.04E+06	0.704
4149.530	6197	0	23773	0.0064	-0.0034	-0.0004	4.03E+06	0.706
4150.530	6195	0	23789	0.0064	-0.0034	-0.0004	4.04E+06	0.707
4151.530	6198	0	23836	0.0064	-0.0034	-0.0004	4.02E+06	0.706
4152.530	6197	0	23820	0.0064	-0.0034	-0.0004	4.05E+06	0.708
4153.530	6198	0	23836	0.0064	-0.0034	-0.0004	4.07E+06	0.714
4154.530	6197	0	23851	0.0064	-0.0034	-0.0004	4.10E+06	0.717
4155.530	6197	0	23898	0.0064	-0.0034	-0.0004	4.12E+06	0.718
4156.530	6196	0	23914	0.0064	-0.0034	-0.0004	4.15E+06	0.722
4157.530	6197	0	23914	0.0064	-0.0034	-0.0004	4.15E+06	0.722
4158.530	6197	0	23930	0.0064	-0.0034	-0.0004	4.20E+06	0.728
4159.530	6196	0	23961	0.0064	-0.0034	-0.0004	4.22E+06	0.729
4160.530	6198	0	23977	0.0064	-0.0034	-0.0004	4.24E+06	0.730
4161.530	6196	0	24024	0.0064	-0.0034	-0.0004	4.23E+06	0.729
4162.530	6197	0	24024	0.0064	-0.0034	-0.0004	4.24E+06	0.729
4163.530	6197	0	24039	0.0064	-0.0034	-0.0004	4.21E+06	0.726
4164.530	6196	0	24071	0.0064	-0.0034	-0.0004	4.21E+06	0.724
4165.530	6198	0	24086	0.0064	-0.0034	-0.0004	4.23E+06	0.728
4166.530	6197	0	24118	0.0064	-0.0034	-0.0004	4.24E+06	0.728
4167.530	6195	0	24118	0.0065	-0.0034	-0.0004	4.20E+06	0.725
4168.530	6197	0	24133	0.0065	-0.0034	-0.0004	4.20E+06	0.725
4169.530	6196	0	24133	0.0065	-0.0034	-0.0004	4.17E+06	0.720

				4170.530	6197	0	24165	0.0065	-0.0034	-0.0004	4.18E+06	0.722
				4171.530	6198	0	24212	0.0065	-0.0034	-0.0004	4.20E+06	0.724
				4172.530	6197	0	24212	0.0065	-0.0034	-0.0004	4.22E+06	0.727
				4173.530	6196	0	24227	0.0065	-0.0034	-0.0004	4.22E+06	0.725
				4174.530	6197	0	24259	0.0065	-0.0034	-0.0004	4.18E+06	0.723
				4175.530	6197	0	24274	0.0065	-0.0034	-0.0004	4.19E+06	0.725
				4176.530	6198	0	24306	0.0065	-0.0035	-0.0004	4.17E+06	0.726
				4177.530	6198	0	24353	0.0065	-0.0035	-0.0004	4.20E+06	0.727
				4178.530	6196	0	24353	0.0065	-0.0035	-0.0004	4.19E+06	0.727
				4179.520	6196	0	24399	0.0065	-0.0035	-0.0004	4.16E+06	0.727
				4180.520	6197	0	24399	0.0065	-0.0035	-0.0004	4.16E+06	0.727
				4181.520	6197	0	24446	0.0065	-0.0035	-0.0004	4.17E+06	0.726
				4182.520	6196	0	24431	0.0065	-0.0035	-0.0004	4.16E+06	0.727
				4183.520	6199	0	24478	0.0065	-0.0035	-0.0004	4.17E+06	0.727
				4184.520	6197	0	24493	0.0065	-0.0035	-0.0004	4.16E+06	0.726
				4185.520	6196	0	24525	0.0065	-0.0035	-0.0004	4.14E+06	0.724
				4186.520	6197	0	24525	0.0065	-0.0035	-0.0004	4.10E+06	0.722
				4187.520	6196	0	24540	0.0066	-0.0035	-0.0004	4.09E+06	0.720
				4188.520	6197	0	24540	0.0066	-0.0035	-0.0004	4.07E+06	0.718
				4189.520	6198	0	24587	0.0066	-0.0035	-0.0004	4.07E+06	0.717
				4190.520	6194	0	24603	0.0066	-0.0035	-0.0005	4.09E+06	0.721
				4191.520	6196	0	24634	0.0066	-0.0035	-0.0004	4.08E+06	0.720
				4192.520	6196	0	24634	0.0066	-0.0035	-0.0004	4.09E+06	0.721
				4193.520	6199	0	24634	0.0066	-0.0035	-0.0004	4.08E+06	0.720
				4194.520	6197	0	24681	0.0066	-0.0035	-0.0004	4.08E+06	0.719
				4195.520	6199	0	24713	0.0066	-0.0035	-0.0004	4.06E+06	0.720
				4196.520	6197	0	24760	0.0066	-0.0035	-0.0005	4.03E+06	0.720
				4197.520	6195	0	24744	0.0066	-0.0035	-0.0005	4.05E+06	0.722
				4198.520	6197	0	24760	0.0066	-0.0035	-0.0005	4.04E+06	0.724
				4199.520	6197	0	24775	0.0066	-0.0035	-0.0005	4.03E+06	0.724
				4200.520	6195	0	24807	0.0066	-0.0035	-0.0005	4.02E+06	0.724
				4201.520	6196	0	24807	0.0066	-0.0035	-0.0005	4.00E+06	0.722
				4202.520	6196	0	24869	0.0066	-0.0035	-0.0005	3.96E+06	0.719
				4203.520	6196	0	24869	0.0066	-0.0036	-0.0005	3.95E+06	0.718
				4204.520	6197	0	24869	0.0066	-0.0036	-0.0005	3.96E+06	0.724
				4205.520	6196	0	24932	0.0066	-0.0036	-0.0005	3.99E+06	0.727
				4206.520	6197	0	24948	0.0066	-0.0036	-0.0005	3.99E+06	0.727
				4207.520	6197	0	24948	0.0067	-0.0036	-0.0005	4.01E+06	0.727
				4208.520	6197	0	25010	0.0067	-0.0036	-0.0005	4.00E+06	0.727
				4209.520	6198	0	25010	0.0067	-0.0036	-0.0005	4.00E+06	0.729
				4210.520	6198	0	25010	0.0067	-0.0036	-0.0005	3.98E+06	0.728
				4211.520	6196	0	25010	0.0067	-0.0036	-0.0005	4.00E+06	0.728
				4212.510	6197	0	25057	0.0067	-0.0036	-0.0005	4.00E+06	0.729
				4213.510	6196	0	25057	0.0067	-0.0036	-0.0005	3.99E+06	0.730
				4214.510	6197	0	25120	0.0067	-0.0036	-0.0005	3.96E+06	0.729
				4215.510	6195	0	25120	0.0067	-0.0036	-0.0005	3.97E+06	0.731
				4216.510	6195	0	25136	0.0067	-0.0036	-0.0005	4.00E+06	0.738
				4217.510	6196	0	25136	0.0067	-0.0036	-0.0005	4.00E+06	0.739
				4218.510	6196	0	25183	0.0067	-0.0036	-0.0005	3.97E+06	0.737
				4219.510	6198	0	25198	0.0067	-0.0036	-0.0005	3.95E+06	0.737
				4220.510	6197	0	25183	0.0067	-0.0036	-0.0005	3.94E+06	0.734
				4221.510	6196	0	25198	0.0067	-0.0036	-0.0005	3.95E+06	0.734
				4222.510	6197	0	25261	0.0067	-0.0036	-0.0005	3.95E+06	0.737
				4223.510	6196	0	25245	0.0067	-0.0036	-0.0005	3.96E+06	0.740
				4224.510	6198	0	25277	0.0067	-0.0036	-0.0005	3.93E+06	0.737
				4225.510	6197	0	25292	0.0067	-0.0036	-0.0005	3.92E+06	0.738
				4226.510	6196	0	25308	0.0068	-0.0036	-0.0005	3.91E+06	0.740
				4227.510	6197	0	25323	0.0068	-0.0036	-0.0005	3.91E+06	0.743
				4228.510	6196	0	25339	0.0068	-0.0036	-0.0005	3.92E+06	0.745
				4229.510	6197	0	25355	0.0068	-0.0036	-0.0005	3.93E+06	0.747
				4230.510	6198	0	25386	0.0068	-0.0036	-0.0005	3.92E+06	0.744
				4231.510	6197	0	25402	0.0068	-0.0036	-0.0005	3.95E+06	0.746
				4232.510	6197	0	25433	0.0068	-0.0037	-0.0005	3.98E+06	0.749
				4233.510	6199	0	25449	0.0068	-0.0037	-0.0005	4.00E+06	0.752
				4234.510	6196	0	25433	0.0068	-0.0037	-0.0005	4.02E+06	0.752
				4235.510	6197	0	25464	0.0068	-0.0037	-0.0005	4.02E+06	0.749
				4236.510	6198	0	25511	0.0068	-0.0037	-0.0005	4.01E+06	0.747
				4237.510	6196	0	25496	0.0068	-0.0037	-0.0005	4.01E+06	0.749
				4238.510	6198	0	25511	0.0068	-0.0037	-0.0006	4.01E+06	0.747
				4239.510	6197	0	25543	0.0068	-0.0037	-0.0005	4.03E+06	0.749
				4240.510	6197	0	25558	0.0068	-0.0037	-0.0006	4.06E+06	0.749
				4241.510	6195	0	25574	0.0068	-0.0037	-0.0006	4.06E+06	0.750
				4242.500	6199	0	25605	0.0068	-0.0037	-0.0006	4.02E+06	0.744
				4243.500	6198	0	25605	0.0068	-0.0037	-0.0006	4.03E+06	0.744
				4244.500	6196	0	25652	0.0068	-0.0037	-0.0006	4.02E+06	0.742
				4245.500	6196	0	25668	0.0068	-0.0037	-0.0006	4.05E+06	0.743

				4246.500	6198	0	25684	0.0068	-0.0037	-0.0006	4.07E+06	0.747
				4247.500	6197	0	25684	0.0068	-0.0037	-0.0006	4.06E+06	0.747
				4248.500	6198	0	25715	0.0068	-0.0037	-0.0006	4.05E+06	0.743
				4249.500	6197	0	25715	0.0069	-0.0037	-0.0006	4.05E+06	0.746
				4250.500	6197	0	25731	0.0069	-0.0037	-0.0006	4.08E+06	0.749
				4251.500	6197	0	25762	0.0069	-0.0037	-0.0006	4.06E+06	0.745
				4252.500	6196	0	25778	0.0069	-0.0037	-0.0006	4.06E+06	0.745
				4253.500	6196	0	25793	0.0069	-0.0037	-0.0006	4.06E+06	0.743
				4254.500	6198	0	25856	0.0069	-0.0037	-0.0006	4.03E+06	0.738
				4255.500	6196	0	25872	0.0069	-0.0037	-0.0006	4.03E+06	0.740
				4256.500	6199	0	25903	0.0069	-0.0037	-0.0006	4.04E+06	0.741
				4257.500	6196	0	25903	0.0069	-0.0037	-0.0006	4.04E+06	0.742
				4258.500	6198	0	25934	0.0069	-0.0037	-0.0006	4.04E+06	0.740
				4259.500	6197	0	25934	0.0069	-0.0037	-0.0006	4.04E+06	0.740
				4260.500	6196	0	25966	0.0069	-0.0038	-0.0006	3.98E+06	0.732
				4261.500	6197	0	25981	0.0069	-0.0038	-0.0006	3.94E+06	0.729
				4262.500	6196	0	26013	0.0069	-0.0038	-0.0006	3.96E+06	0.729
				4263.500	6196	0	26028	0.0069	-0.0038	-0.0006	3.96E+06	0.730
				4264.500	6197	0	26075	0.0069	-0.0038	-0.0006	3.95E+06	0.731
				4265.500	6196	0	26091	0.0069	-0.0038	-0.0006	3.94E+06	0.730
				4266.500	6195	0	26075	0.0069	-0.0038	-0.0006	3.92E+06	0.727
				4267.500	6195	0	26106	0.0070	-0.0038	-0.0006	3.91E+06	0.723
				4268.500	6196	0	26138	0.0070	-0.0038	-0.0006	3.89E+06	0.722
				4269.500	6197	0	26138	0.0070	-0.0038	-0.0006	3.89E+06	0.722
				4270.500	6198	0	26169	0.0070	-0.0038	-0.0006	3.90E+06	0.722
				4271.500	6196	0	26201	0.0070	-0.0038	-0.0006	3.90E+06	0.722
				4272.500	6197	0	26216	0.0070	-0.0038	-0.0006	3.86E+06	0.717
				4273.500	6197	0	26232	0.0070	-0.0038	-0.0006	3.85E+06	0.716
				4274.490	6198	0	26232	0.0070	-0.0038	-0.0006	3.85E+06	0.716
				4275.490	6197	0	26279	0.0070	-0.0038	-0.0006	3.83E+06	0.715
				4276.490	6197	0	26279	0.0070	-0.0038	-0.0006	3.81E+06	0.716
				4277.490	6198	0	26326	0.0070	-0.0038	-0.0007	3.81E+06	0.716
				4278.490	6196	0	26357	0.0070	-0.0038	-0.0006	3.78E+06	0.714
				4279.490	6196	0	26341	0.0070	-0.0038	-0.0006	3.77E+06	0.716
				4280.490	6197	0	26357	0.0070	-0.0038	-0.0007	3.79E+06	0.717
				4281.490	6195	0	26388	0.0070	-0.0038	-0.0007	3.80E+06	0.717
				4282.490	6197	0	26388	0.0070	-0.0038	-0.0007	3.80E+06	0.719
				4283.490	6197	0	26420	0.0070	-0.0038	-0.0007	3.83E+06	0.723
				4284.490	6199	0	26435	0.0070	-0.0038	-0.0007	3.82E+06	0.725
				4285.490	6197	0	26467	0.0071	-0.0039	-0.0007	3.85E+06	0.729
				4286.490	6197	0	26451	0.0070	-0.0039	-0.0007	3.85E+06	0.729
				4287.490	6197	0	26514	0.0070	-0.0039	-0.0007	3.85E+06	0.732
				4288.490	6195	0	26529	0.0070	-0.0039	-0.0007	3.88E+06	0.737
				4289.490	6196	0	26529	0.0070	-0.0039	-0.0007	3.86E+06	0.736
				4290.490	6197	0	26561	0.0071	-0.0039	-0.0007	3.86E+06	0.733
				4291.490	6196	0	26576	0.0071	-0.0039	-0.0007	3.88E+06	0.735
				4292.490	6197	0	26623	0.0071	-0.0039	-0.0007	3.87E+06	0.736
				4293.490	6195	0	26608	0.0071	-0.0039	-0.0007	3.85E+06	0.735
				4294.490	6196	0	26639	0.0071	-0.0039	-0.0007	3.85E+06	0.735
				4295.490	6195	0	26670	0.0071	-0.0039	-0.0007	3.83E+06	0.734
				4296.490	6196	0	26670	0.0071	-0.0039	-0.0007	3.82E+06	0.735
				4297.490	6197	0	26686	0.0071	-0.0039	-0.0007	3.82E+06	0.734
				4298.490	6197	0	26733	0.0071	-0.0039	-0.0007	3.81E+06	0.734
				4299.490	6197	0	26733	0.0071	-0.0039	-0.0007	3.80E+06	0.731
				4300.490	6197	0	26764	0.0071	-0.0039	-0.0007	3.79E+06	0.732
				4301.490	6199	0	26749	0.0071	-0.0039	-0.0007	3.81E+06	0.734
				4302.490	6197	0	26796	0.0071	-0.0039	-0.0007	3.77E+06	0.731
				4303.490	6196	0	26811	0.0071	-0.0039	-0.0007	3.81E+06	0.735
				4304.490	6195	0	26827	0.0071	-0.0039	-0.0007	3.82E+06	0.739
				4305.480	6198	0	26843	0.0071	-0.0039	-0.0007	3.81E+06	0.737
				4306.480	6197	0	26874	0.0071	-0.0039	-0.0007	3.80E+06	0.738
				4307.480	6196	0	26858	0.0071	-0.0039	-0.0007	3.83E+06	0.742
				4308.480	6199	0	26905	0.0071	-0.0039	-0.0007	3.80E+06	0.741
				4309.480	6197	0	26905	0.0072	-0.0039	-0.0007	3.81E+06	0.742
				4310.480	6195	0	26952	0.0071	-0.0039	-0.0007	3.81E+06	0.744
				4311.480	6196	0	26968	0.0072	-0.0039	-0.0007	3.79E+06	0.742
				4312.480	6195	0	26952	0.0072	-0.0039	-0.0007	3.76E+06	0.743
				4313.480	6198	0	26999	0.0072	-0.0039	-0.0007	3.77E+06	0.744
				4314.480	6196	0	26984	0.0072	-0.0040	-0.0007	3.77E+06	0.738
				4315.480	6198	0	27030	0.0072	-0.0040	-0.0007	3.79E+06	0.742
				4316.480	6198	0	27046	0.0072	-0.0040	-0.0007	3.79E+06	0.742
				4317.480	6198	0	27077	0.0072	-0.0040	-0.0007	3.79E+06	0.739
				4318.480	6197	0	27077	0.0072	-0.0040	-0.0007	3.82E+06	0.738
				4319.480	6195	0	27093	0.0072	-0.0040	-0.0007	3.81E+06	0.739
				4320.480	6197	0	27109	0.0072	-0.0040	-0.0007	3.82E+06	0.738
				4321.480	6198	0	27124	0.0072	-0.0040	-0.0007	3.86E+06	0.741

				4322.480	6197	0	27156	0.0072	-0.0040	-0.0007	3.89E+06	0.746
				4323.480	6197	0	27171	0.0072	-0.0040	-0.0007	3.89E+06	0.744
				4324.480	6196	0	27187	0.0072	-0.0040	-0.0008	3.91E+06	0.742
				4325.480	6197	0	27203	0.0072	-0.0040	-0.0008	3.92E+06	0.742
				4326.480	6197	0	27234	0.0072	-0.0040	-0.0008	3.93E+06	0.741
				4327.480	6199	0	27234	0.0072	-0.0040	-0.0008	3.96E+06	0.744
				4328.480	6198	0	27281	0.0072	-0.0040	-0.0008	3.99E+06	0.749
				4329.480	6196	0	27265	0.0072	-0.0040	-0.0008	4.01E+06	0.748
				4330.480	6195	0	27297	0.0072	-0.0040	-0.0008	4.01E+06	0.750
				4331.480	6197	0	27312	0.0073	-0.0040	-0.0008	4.03E+06	0.750
				4332.480	6196	0	27344	0.0073	-0.0040	-0.0008	4.01E+06	0.748
				4333.480	6197	0	27344	0.0073	-0.0040	-0.0008	4.00E+06	0.747
				4334.480	6197	0	27391	0.0073	-0.0040	-0.0008	4.02E+06	0.750
				4335.480	6197	0	27375	0.0073	-0.0040	-0.0008	4.02E+06	0.750
				4336.480	6198	0	27422	0.0073	-0.0040	-0.0008	4.07E+06	0.756
				4337.470	6196	0	27422	0.0073	-0.0040	-0.0008	4.09E+06	0.756
				4338.470	6197	0	27453	0.0073	-0.0040	-0.0008	4.07E+06	0.754
				4339.470	6196	0	27516	0.0073	-0.0040	-0.0008	4.12E+06	0.762
				4340.470	6198	0	27500	0.0073	-0.0040	-0.0008	4.12E+06	0.764
				4341.470	6197	0	27516	0.0073	-0.0041	-0.0008	4.11E+06	0.762
				4342.470	6196	0	27563	0.0073	-0.0041	-0.0008	4.14E+06	0.764
				4343.470	6197	0	27594	0.0073	-0.0041	-0.0008	4.15E+06	0.768
				4344.470	6196	0	27563	0.0073	-0.0041	-0.0008	4.13E+06	0.768
				4345.470	6196	0	27626	0.0073	-0.0041	-0.0008	4.13E+06	0.770
				4346.470	6195	0	27673	0.0073	-0.0041	-0.0008	4.12E+06	0.771
				4347.470	6196	0	27673	0.0073	-0.0041	-0.0008	4.10E+06	0.771
				4348.470	6198	0	27704	0.0073	-0.0041	-0.0008	4.08E+06	0.770
				4349.470	6197	0	27735	0.0074	-0.0041	-0.0008	4.06E+06	0.770
				4350.470	6198	0	27735	0.0074	-0.0041	-0.0008	4.05E+06	0.770
				4351.470	6196	0	27767	0.0074	-0.0041	-0.0008	4.05E+06	0.770
				4352.470	6198	0	27798	0.0074	-0.0041	-0.0008	4.06E+06	0.771
				4353.470	6197	0	27798	0.0074	-0.0041	-0.0008	4.04E+06	0.773
				4354.470	6197	0	27861	0.0074	-0.0041	-0.0008	4.02E+06	0.772
				4355.470	6196	0	27829	0.0074	-0.0041	-0.0008	4.02E+06	0.775
				4356.470	6197	0	27876	0.0074	-0.0041	-0.0008	4.00E+06	0.775
				4357.470	6197	0	27876	0.0074	-0.0041	-0.0008	4.00E+06	0.778
				4358.470	6197	0	27892	0.0074	-0.0041	-0.0008	3.98E+06	0.782
				4359.470	6198	0	27939	0.0074	-0.0041	-0.0009	3.94E+06	0.780
				4360.470	6195	0	27970	0.0074	-0.0041	-0.0009	3.93E+06	0.783
				4361.470	6196	0	28001	0.0074	-0.0041	-0.0009	3.89E+06	0.784
				4362.470	6198	0	28001	0.0074	-0.0041	-0.0009	3.86E+06	0.783
				4363.470	6195	0	28017	0.0074	-0.0041	-0.0008	3.81E+06	0.782
				4364.470	6196	0	28048	0.0074	-0.0041	-0.0009	3.80E+06	0.784
				4365.470	6198	0	28048	0.0074	-0.0042	-0.0009	3.78E+06	0.780
				4366.470	6197	0	28080	0.0074	-0.0042	-0.0009	3.79E+06	0.785
				4367.460	6198	0	28127	0.0074	-0.0042	-0.0009	3.76E+06	0.783
				4368.460	6196	0	28080	0.0074	-0.0042	-0.0009	3.73E+06	0.781
				4369.460	6198	0	28127	0.0075	-0.0042	-0.0009	3.73E+06	0.780
				4370.460	6196	0	28142	0.0075	-0.0042	-0.0009	3.72E+06	0.783
				4371.460	6196	0	28158	0.0075	-0.0042	-0.0009	3.71E+06	0.785
				4372.460	6197	0	28189	0.0075	-0.0042	-0.0009	3.70E+06	0.784
				4373.460	6196	0	28189	0.0075	-0.0042	-0.0009	3.70E+06	0.786
				4374.460	6197	0	28236	0.0075	-0.0042	-0.0009	3.70E+06	0.787
				4375.460	6196	0	28252	0.0075	-0.0042	-0.0009	3.68E+06	0.784
				4376.460	6197	0	28268	0.0075	-0.0042	-0.0009	3.67E+06	0.783
				4377.460	6197	0	28299	0.0075	-0.0042	-0.0009	3.67E+06	0.782
				4378.460	6197	0	28299	0.0075	-0.0042	-0.0009	3.69E+06	0.788
				4379.460	6198	0	28299	0.0075	-0.0042	-0.0009	3.69E+06	0.793
				4380.460	6197	0	28346	0.0075	-0.0042	-0.0009	3.70E+06	0.792
				4381.460	6197	0	28362	0.0075	-0.0042	-0.0009	3.69E+06	0.792
				4382.460	6198	0	28362	0.0075	-0.0042	-0.0009	3.70E+06	0.795
				4383.460	6196	0	28362	0.0075	-0.0042	-0.0009	3.68E+06	0.794
				4384.460	6196	0	28393	0.0075	-0.0042	-0.0009	3.67E+06	0.794
				4385.460	6197	0	28393	0.0075	-0.0042	-0.0009	3.67E+06	0.795
				4386.460	6199	0	28409	0.0075	-0.0042	-0.0009	3.67E+06	0.793
				4387.460	6197	0	28456	0.0076	-0.0042	-0.0009	3.68E+06	0.793
				4388.460	6196	0	28471	0.0076	-0.0042	-0.0009	3.69E+06	0.794
				4389.460	6197	0	28487	0.0076	-0.0042	-0.0009	3.68E+06	0.792
				4390.460	6197	0	28534	0.0076	-0.0042	-0.0009	3.71E+06	0.794
				4391.460	6198	0	28534	0.0076	-0.0043	-0.0010	3.72E+06	0.795
				4392.460	6199	0	28550	0.0076	-0.0043	-0.0009	3.72E+06	0.794
				4393.460	6198	0	28550	0.0076	-0.0043	-0.0009	3.76E+06	0.794
				4394.460	6196	0	28597	0.0076	-0.0043	-0.0009	3.75E+06	0.801
				4395.460	6198	0	28628	0.0076	-0.0043	-0.0010	3.73E+06	0.799
				4396.460	6195	0	28628	0.0076	-0.0043	-0.0010	3.75E+06	0.801
				4397.460	6196	0	28628	0.0076	-0.0043	-0.0010	3.73E+06	0.800

				4398.460	6197	0	28659	0.0076	-0.0043	-0.0010	3.72E+06	0.798
				4399.450	6197	0	28691	0.0076	-0.0043	-0.0010	3.71E+06	0.795
				4400.450	6197	0	28691	0.0076	-0.0043	-0.0010	3.72E+06	0.799
				4401.450	6198	0	28722	0.0076	-0.0043	-0.0010	3.73E+06	0.800
				4402.450	6198	0	28738	0.0076	-0.0043	-0.0010	3.74E+06	0.802
				4403.450	6196	0	28738	0.0076	-0.0043	-0.0010	3.78E+06	0.806
				4404.450	6196	0	28738	0.0076	-0.0043	-0.0010	3.80E+06	0.810
				4405.450	6198	0	28800	0.0076	-0.0043	-0.0010	3.77E+06	0.807
				4406.450	6196	0	28816	0.0076	-0.0043	-0.0010	3.77E+06	0.808
				4407.450	6196	0	28831	0.0076	-0.0043	-0.0010	3.80E+06	0.810
				4408.450	6195	0	28847	0.0076	-0.0043	-0.0010	3.83E+06	0.814
				4409.450	6196	0	28847	0.0076	-0.0043	-0.0010	3.83E+06	0.816
				4410.450	6196	0	28878	0.0077	-0.0043	-0.0010	3.81E+06	0.815
				4411.450	6196	0	28910	0.0077	-0.0043	-0.0010	3.82E+06	0.820
				4412.450	6195	0	28925	0.0077	-0.0043	-0.0010	3.81E+06	0.821
				4413.450	6196	0	28941	0.0077	-0.0043	-0.0010	3.81E+06	0.822
				4414.450	6196	0	28972	0.0077	-0.0043	-0.0010	3.80E+06	0.820
				4415.450	6197	0	28972	0.0077	-0.0043	-0.0010	3.80E+06	0.820
				4416.450	6199	0	29004	0.0077	-0.0044	-0.0010	3.81E+06	0.817
				4417.450	6196	0	29019	0.0077	-0.0044	-0.0010	3.82E+06	0.818
				4418.450	6197	0	29051	0.0077	-0.0044	-0.0010	3.84E+06	0.822
				4419.450	6196	0	29004	0.0077	-0.0044	-0.0010	3.82E+06	0.819
				4420.450	6197	0	29051	0.0077	-0.0044	-0.0010	3.82E+06	0.818
				4421.450	6197	0	29098	0.0077	-0.0044	-0.0010	3.84E+06	0.816
				4422.450	6197	0	29082	0.0077	-0.0044	-0.0010	3.85E+06	0.819
				4423.450	6197	0	29113	0.0077	-0.0044	-0.0010	3.83E+06	0.814
				4424.450	6197	0	29160	0.0077	-0.0044	-0.0010	3.85E+06	0.814
				4425.450	6196	0	29145	0.0077	-0.0044	-0.0011	3.85E+06	0.814
				4426.450	6196	0	29176	0.0077	-0.0044	-0.0011	3.84E+06	0.813
				4427.450	6195	0	29192	0.0077	-0.0044	-0.0011	3.85E+06	0.813
				4428.450	6196	0	29223	0.0077	-0.0044	-0.0011	3.86E+06	0.812
				4429.450	6198	0	29239	0.0078	-0.0044	-0.0011	3.86E+06	0.814
				4430.440	6197	0	29270	0.0078	-0.0044	-0.0011	3.88E+06	0.817
				4431.440	6196	0	29254	0.0078	-0.0044	-0.0011	3.88E+06	0.817
				4432.440	6198	0	29317	0.0078	-0.0044	-0.0011	3.90E+06	0.818
				4433.440	6197	0	29333	0.0078	-0.0044	-0.0011	3.92E+06	0.821
				4434.440	6198	0	29348	0.0078	-0.0044	-0.0011	3.91E+06	0.818
				4435.440	6197	0	29348	0.0078	-0.0044	-0.0011	3.92E+06	0.820
				4436.440	6197	0	29380	0.0078	-0.0044	-0.0011	3.93E+06	0.822
				4437.440	6197	0	29395	0.0078	-0.0044	-0.0011	3.91E+06	0.818
				4438.440	6195	0	29427	0.0078	-0.0044	-0.0011	3.91E+06	0.815
				4439.440	6199	0	29427	0.0078	-0.0044	-0.0011	3.90E+06	0.815
				4440.440	6197	0	29474	0.0078	-0.0045	-0.0011	3.89E+06	0.813
				4441.440	6198	0	29489	0.0078	-0.0045	-0.0011	3.87E+06	0.808
				4442.440	6196	0	29489	0.0078	-0.0045	-0.0011	3.88E+06	0.806
				4443.440	6197	0	29521	0.0078	-0.0045	-0.0011	3.86E+06	0.803
				4444.440	6198	0	29521	0.0078	-0.0045	-0.0011	3.85E+06	0.801
				4445.440	6195	0	29568	0.0078	-0.0045	-0.0011	3.83E+06	0.804
				4446.440	6197	0	29599	0.0078	-0.0045	-0.0011	3.81E+06	0.801
				4447.440	6198	0	29599	0.0078	-0.0045	-0.0011	3.80E+06	0.798
				4448.440	6196	0	29630	0.0079	-0.0045	-0.0011	3.80E+06	0.801
				4449.440	6195	0	29646	0.0078	-0.0045	-0.0011	3.80E+06	0.798
				4450.440	6196	0	29646	0.0078	-0.0045	-0.0011	3.80E+06	0.797
				4451.440	6198	0	29662	0.0079	-0.0045	-0.0011	3.81E+06	0.797
				4452.440	6197	0	29709	0.0079	-0.0045	-0.0011	3.82E+06	0.796
				4453.440	6198	0	29740	0.0079	-0.0045	-0.0011	3.81E+06	0.796
				4454.440	6196	0	29724	0.0079	-0.0045	-0.0011	3.84E+06	0.800
				4455.440	6197	0	29771	0.0079	-0.0045	-0.0011	3.85E+06	0.801
				4456.440	6199	0	29771	0.0079	-0.0045	-0.0012	3.84E+06	0.800
				4457.440	6197	0	29818	0.0079	-0.0045	-0.0012	3.85E+06	0.802
				4458.440	6198	0	29818	0.0079	-0.0045	-0.0012	3.86E+06	0.801
				4459.440	6198	0	29834	0.0079	-0.0045	-0.0011	3.82E+06	0.796
				4460.440	6196	0	29865	0.0079	-0.0045	-0.0012	3.80E+06	0.792
				4461.440	6197	0	29865	0.0079	-0.0045	-0.0012	3.80E+06	0.792
				4462.430	6196	0	29865	0.0079	-0.0045	-0.0012	3.80E+06	0.793
				4463.430	6198	0	29928	0.0079	-0.0045	-0.0012	3.80E+06	0.792
				4464.430	6196	0	29912	0.0079	-0.0045	-0.0012	3.80E+06	0.793
				4465.430	6196	0	29928	0.0079	-0.0046	-0.0012	3.79E+06	0.793
				4466.430	6197	0	29959	0.0079	-0.0046	-0.0012	3.77E+06	0.791
				4467.430	6195	0	29990	0.0079	-0.0046	-0.0012	3.75E+06	0.791
				4468.430	6196	0	29990	0.0079	-0.0046	-0.0012	3.72E+06	0.790
				4469.430	6197	0	30006	0.0080	-0.0046	-0.0012	3.73E+06	0.794
				4470.430	6199	0	30022	0.0080	-0.0046	-0.0012	3.71E+06	0.794
				4471.430	6197	0	30053	0.0080	-0.0046	-0.0012	3.71E+06	0.796
				4472.430	6198	0	30100	0.0080	-0.0046	-0.0012	3.69E+06	0.791
				4473.430	6197	0	30116	0.0080	-0.0046	-0.0012	3.68E+06	0.794

				4474.430	6196	0	30147	0.0080	-0.0046	-0.0012	3.67E+06	0.795
				4475.430	6197	0	30178	0.0080	-0.0046	-0.0012	3.65E+06	0.794
				4476.430	6196	0	30225	0.0080	-0.0046	-0.0012	3.62E+06	0.795
				4477.430	6196	0	30257	0.0080	-0.0046	-0.0012	3.59E+06	0.795
				4478.430	6197	0	30225	0.0080	-0.0046	-0.0012	3.59E+06	0.799
				4479.430	6195	0	30272	0.0080	-0.0046	-0.0012	3.57E+06	0.800
				4480.430	6198	0	30304	0.0080	-0.0046	-0.0012	3.53E+06	0.798
				4481.430	6198	0	30304	0.0080	-0.0046	-0.0012	3.54E+06	0.800
				4482.430	6199	0	30366	0.0080	-0.0046	-0.0012	3.53E+06	0.802
				4483.430	6196	0	30382	0.0080	-0.0046	-0.0012	3.53E+06	0.806
				4484.430	6197	0	30366	0.0081	-0.0046	-0.0012	3.51E+06	0.808
				4485.430	6196	0	30398	0.0081	-0.0046	-0.0012	3.50E+06	0.809
				4486.430	6196	0	30429	0.0081	-0.0047	-0.0013	3.51E+06	0.812
				4487.430	6196	0	30445	0.0081	-0.0047	-0.0013	3.51E+06	0.814
				4488.430	6196	0	30476	0.0081	-0.0047	-0.0013	3.52E+06	0.817
				4489.430	6197	0	30507	0.0081	-0.0047	-0.0013	3.50E+06	0.816
				4490.430	6196	0	30507	0.0081	-0.0047	-0.0013	3.48E+06	0.818
				4491.430	6196	0	30507	0.0081	-0.0047	-0.0013	3.44E+06	0.817
				4492.420	6196	0	30507	0.0081	-0.0047	-0.0013	3.45E+06	0.821
				4493.420	6196	0	30539	0.0081	-0.0047	-0.0013	3.46E+06	0.823
				4494.420	6197	0	30554	0.0081	-0.0047	-0.0013	3.44E+06	0.823
				4495.420	6196	0	30586	0.0081	-0.0047	-0.0013	3.43E+06	0.826
				4496.420	6198	0	30601	0.0081	-0.0047	-0.0013	3.40E+06	0.827
				4497.420	6197	0	30632	0.0081	-0.0047	-0.0013	3.40E+06	0.831
				4498.420	6198	0	30601	0.0081	-0.0047	-0.0013	3.39E+06	0.831
				4499.420	6198	0	30632	0.0081	-0.0047	-0.0013	3.41E+06	0.839
				4500.420	6197	0	30648	0.0081	-0.0047	-0.0013	3.42E+06	0.842
				4501.420	6197	0	30664	0.0081	-0.0047	-0.0013	3.43E+06	0.844
				4502.420	6197	0	30664	0.0081	-0.0047	-0.0013	3.45E+06	0.845
				4503.420	6196	0	30695	0.0081	-0.0047	-0.0013	3.46E+06	0.847
				4504.420	6197	0	30695	0.0081	-0.0047	-0.0013	3.46E+06	0.850
				4505.420	6198	0	30726	0.0082	-0.0047	-0.0013	3.52E+06	0.861
				4506.420	6197	0	30758	0.0082	-0.0047	-0.0013	3.54E+06	0.865
				4507.420	6196	0	30789	0.0082	-0.0047	-0.0013	3.54E+06	0.866
				4508.420	6195	0	30758	0.0082	-0.0047	-0.0013	3.55E+06	0.864
				4509.420	6195	0	30773	0.0082	-0.0048	-0.0013	3.56E+06	0.862
				4510.420	6196	0	30820	0.0082	-0.0048	-0.0013	3.55E+06	0.859
				4511.420	6196	0	30852	0.0082	-0.0048	-0.0013	3.54E+06	0.856
				4512.420	6196	0	30867	0.0082	-0.0048	-0.0013	3.57E+06	0.856
				4513.420	6197	0	30914	0.0082	-0.0048	-0.0013	3.55E+06	0.851
				4514.420	6195	0	30883	0.0082	-0.0048	-0.0013	3.54E+06	0.846
				4515.420	6196	0	30899	0.0082	-0.0048	-0.0013	3.56E+06	0.845
				4516.420	6197	0	30899	0.0082	-0.0048	-0.0014	3.58E+06	0.844
				4517.420	6196	0	30946	0.0082	-0.0048	-0.0014	3.59E+06	0.841
				4518.420	6198	0	30993	0.0082	-0.0048	-0.0014	3.57E+06	0.836
				4519.420	6198	0	30977	0.0082	-0.0048	-0.0014	3.57E+06	0.834
				4520.420	6199	0	31008	0.0082	-0.0048	-0.0014	3.57E+06	0.834
				4521.420	6195	0	31008	0.0082	-0.0048	-0.0014	3.59E+06	0.835
				4522.420	6197	0	31040	0.0082	-0.0048	-0.0014	3.60E+06	0.835
				4523.420	6197	0	31040	0.0082	-0.0048	-0.0014	3.62E+06	0.832
				4524.410	6198	0	31071	0.0082	-0.0048	-0.0014	3.64E+06	0.834
				4525.410	6195	0	31087	0.0083	-0.0048	-0.0014	3.63E+06	0.835
				4526.410	6199	0	31118	0.0083	-0.0048	-0.0014	3.60E+06	0.831
				4527.410	6195	0	31118	0.0083	-0.0048	-0.0014	3.60E+06	0.830
				4528.410	6197	0	31102	0.0082	-0.0048	-0.0014	3.56E+06	0.824
				4529.410	6196	0	31134	0.0083	-0.0048	-0.0014	3.57E+06	0.828
				4530.410	6197	0	31181	0.0083	-0.0048	-0.0014	3.56E+06	0.827
				4531.410	6196	0	31181	0.0083	-0.0048	-0.0014	3.54E+06	0.822
				4532.410	6196	0	31181	0.0083	-0.0048	-0.0014	3.54E+06	0.821
				4533.410	6196	0	31212	0.0083	-0.0048	-0.0014	3.55E+06	0.820
				4534.410	6196	0	31228	0.0083	-0.0048	-0.0014	3.53E+06	0.819
				4535.410	6197	0	31243	0.0083	-0.0049	-0.0014	3.51E+06	0.819
				4536.410	6197	0	31259	0.0083	-0.0049	-0.0014	3.52E+06	0.819
				4537.410	6196	0	31290	0.0083	-0.0049	-0.0014	3.51E+06	0.819
				4538.410	6197	0	31290	0.0083	-0.0049	-0.0014	3.51E+06	0.818
				4539.410	6195	0	31290	0.0083	-0.0049	-0.0014	3.51E+06	0.818
				4540.410	6199	0	31322	0.0083	-0.0049	-0.0014	3.50E+06	0.816
				4541.410	6197	0	31369	0.0083	-0.0049	-0.0014	3.48E+06	0.816
				4542.410	6197	0	31384	0.0083	-0.0049	-0.0014	3.45E+06	0.813
				4543.410	6197	0	31384	0.0083	-0.0049	-0.0014	3.48E+06	0.822
				4544.410	6194	0	31400	0.0083	-0.0049	-0.0014	3.51E+06	0.823
				4545.410	6197	0	31400	0.0083	-0.0049	-0.0014	3.50E+06	0.820
				4546.410	6197	0	31431	0.0083	-0.0049	-0.0015	3.54E+06	0.826
				4547.410	6197	0	31462	0.0083	-0.0049	-0.0015	3.54E+06	0.826
				4548.410	6199	0	31478	0.0083	-0.0049	-0.0015	3.57E+06	0.830
				4549.410	6196	0	31509	0.0084	-0.0049	-0.0015	3.58E+06	0.836

				4550.410	6196	0	31494	0.0084	-0.0049	-0.0015	3.58E+06	0.835
				4551.410	6196	0	31494	0.0084	-0.0049	-0.0015	3.59E+06	0.835
				4552.410	6196	0	31525	0.0084	-0.0049	-0.0015	3.59E+06	0.831
				4553.410	6198	0	31541	0.0084	-0.0049	-0.0015	3.63E+06	0.835
				4554.410	6197	0	31572	0.0084	-0.0049	-0.0015	3.63E+06	0.838
				4555.400	6197	0	31588	0.0084	-0.0049	-0.0015	3.64E+06	0.843
				4556.400	6195	0	31619	0.0084	-0.0049	-0.0015	3.66E+06	0.848
				4557.400	6196	0	31619	0.0084	-0.0049	-0.0015	3.65E+06	0.848
				4558.400	6197	0	31650	0.0084	-0.0049	-0.0015	3.61E+06	0.845
				4559.400	6196	0	31650	0.0084	-0.0049	-0.0015	3.58E+06	0.839
				4560.400	6198	0	31666	0.0084	-0.0049	-0.0015	3.59E+06	0.838
				4561.400	6197	0	31713	0.0084	-0.0050	-0.0015	3.58E+06	0.840
				4562.400	6196	0	31697	0.0084	-0.0050	-0.0015	3.58E+06	0.839
				4563.400	6196	0	31713	0.0084	-0.0050	-0.0015	3.60E+06	0.840
				4564.400	6197	0	31713	0.0084	-0.0050	-0.0015	3.59E+06	0.836
				4565.400	6196	0	31744	0.0084	-0.0050	-0.0015	3.58E+06	0.836
				4566.400	6198	0	31744	0.0084	-0.0050	-0.0015	3.58E+06	0.835
				4567.400	6197	0	31776	0.0084	-0.0050	-0.0015	3.58E+06	0.833
				4568.400	6197	0	31807	0.0084	-0.0050	-0.0015	3.61E+06	0.833
				4569.400	6198	0	31823	0.0085	-0.0050	-0.0015	3.60E+06	0.827
				4570.400	6197	0	31854	0.0085	-0.0050	-0.0015	3.60E+06	0.824
				4571.400	6198	0	31870	0.0084	-0.0050	-0.0015	3.60E+06	0.821
				4572.400	6196	0	31885	0.0085	-0.0050	-0.0015	3.61E+06	0.822
				4573.400	6197	0	31901	0.0085	-0.0050	-0.0015	3.63E+06	0.821
				4574.400	6196	0	31885	0.0085	-0.0050	-0.0015	3.65E+06	0.823
				4575.400	6197	0	31917	0.0085	-0.0050	-0.0015	3.64E+06	0.815
				4576.400	6197	0	31948	0.0085	-0.0050	-0.0015	3.63E+06	0.815
				4577.400	6197	0	31964	0.0085	-0.0050	-0.0015	3.63E+06	0.816
				4578.400	6197	0	31995	0.0085	-0.0050	-0.0016	3.65E+06	0.816
				4579.400	6196	0	31995	0.0085	-0.0050	-0.0015	3.64E+06	0.815
				4580.400	6197	0	32011	0.0085	-0.0050	-0.0016	3.66E+06	0.817
				4581.400	6198	0	32011	0.0085	-0.0050	-0.0016	3.66E+06	0.814
				4582.400	6194	0	32026	0.0085	-0.0050	-0.0016	3.66E+06	0.811
				4583.400	6195	0	32026	0.0085	-0.0050	-0.0016	3.68E+06	0.813
				4584.400	6195	0	32073	0.0085	-0.0050	-0.0016	3.69E+06	0.815
				4585.400	6197	0	32105	0.0085	-0.0050	-0.0016	3.67E+06	0.811
				4586.400	6196	0	32089	0.0085	-0.0051	-0.0016	3.68E+06	0.812
				4587.390	6198	0	32136	0.0085	-0.0051	-0.0016	3.68E+06	0.811
				4588.390	6198	0	32152	0.0085	-0.0051	-0.0016	3.68E+06	0.814
				4589.390	6197	0	32183	0.0085	-0.0051	-0.0016	3.69E+06	0.816
				4590.390	6196	0	32183	0.0085	-0.0051	-0.0016	3.67E+06	0.813
				4591.390	6196	0	32214	0.0086	-0.0051	-0.0016	3.70E+06	0.816
				4592.390	6197	0	32214	0.0086	-0.0051	-0.0016	3.70E+06	0.814
				4593.390	6196	0	32261	0.0086	-0.0051	-0.0016	3.68E+06	0.808
				4594.390	6195	0	32277	0.0086	-0.0051	-0.0016	3.71E+06	0.809
				4595.390	6197	0	32261	0.0086	-0.0051	-0.0016	3.73E+06	0.811
				4596.390	6196	0	32308	0.0086	-0.0051	-0.0016	3.73E+06	0.804
				4597.390	6198	0	32324	0.0086	-0.0051	-0.0016	3.77E+06	0.812
				4598.390	6197	0	32324	0.0086	-0.0051	-0.0016	3.78E+06	0.810
				4599.390	6197	0	32339	0.0086	-0.0051	-0.0016	3.77E+06	0.806
				4600.390	6196	0	32371	0.0086	-0.0051	-0.0016	3.77E+06	0.807
				4601.390	6196	0	32371	0.0086	-0.0051	-0.0016	3.76E+06	0.800
				4602.390	6197	0	32402	0.0086	-0.0051	-0.0016	3.78E+06	0.800
				4603.390	6197	0	32433	0.0086	-0.0051	-0.0016	3.78E+06	0.796
				4604.390	6197	0	32418	0.0086	-0.0051	-0.0016	3.81E+06	0.798
				4605.390	6196	0	32465	0.0086	-0.0051	-0.0016	3.80E+06	0.795
				4606.390	6197	0	32496	0.0086	-0.0051	-0.0016	3.82E+06	0.800
				4607.390	6197	0	32480	0.0086	-0.0051	-0.0016	3.82E+06	0.802
				4608.390	6198	0	32512	0.0086	-0.0051	-0.0016	3.80E+06	0.799
				4609.390	6196	0	32512	0.0086	-0.0051	-0.0016	3.78E+06	0.799
				4610.390	6198	0	32543	0.0087	-0.0052	-0.0016	3.75E+06	0.796
				4611.390	6196	0	32543	0.0086	-0.0052	-0.0017	3.75E+06	0.795
				4612.390	6198	0	32574	0.0087	-0.0052	-0.0017	3.74E+06	0.797
				4613.390	6197	0	32574	0.0086	-0.0052	-0.0017	3.74E+06	0.799
				4614.390	6196	0	32621	0.0087	-0.0052	-0.0017	3.75E+06	0.802
				4615.390	6199	0	32637	0.0087	-0.0052	-0.0017	3.74E+06	0.804
				4616.390	6196	0	32700	0.0087	-0.0052	-0.0017	3.72E+06	0.806
				4617.380	6195	0	32700	0.0087	-0.0052	-0.0017	3.70E+06	0.805
				4618.380	6196	0	32731	0.0087	-0.0052	-0.0017	3.67E+06	0.803
				4619.380	6197	0	32778	0.0087	-0.0052	-0.0017	3.68E+06	0.806
				4620.380	6196	0	32794	0.0087	-0.0052	-0.0017	3.66E+06	0.804
				4621.380	6198	0	32809	0.0087	-0.0052	-0.0017	3.64E+06	0.805
				4622.380	6195	0	32809	0.0087	-0.0052	-0.0017	3.63E+06	0.806
				4623.380	6196	0	32841	0.0087	-0.0052	-0.0017	3.60E+06	0.806
				4624.380	6197	0	32856	0.0087	-0.0052	-0.0017	3.57E+06	0.805
				4625.380	6197	0	32888	0.0087	-0.0052	-0.0017	3.56E+06	0.807

				4626.380	6197	0	32935	0.0088	-0.0052	-0.0017	3.55E+06	0.805
				4627.380	6196	0	32966	0.0088	-0.0052	-0.0017	3.54E+06	0.807
				4628.380	6198	0	32966	0.0088	-0.0052	-0.0017	3.53E+06	0.810
				4629.380	6197	0	32997	0.0088	-0.0052	-0.0017	3.53E+06	0.814
				4630.380	6198	0	32997	0.0088	-0.0052	-0.0017	3.52E+06	0.818
				4631.380	6196	0	33029	0.0088	-0.0052	-0.0017	3.51E+06	0.820
				4632.380	6198	0	33029	0.0088	-0.0053	-0.0017	3.49E+06	0.821
				4633.380	6196	0	33060	0.0088	-0.0053	-0.0017	3.47E+06	0.825
				4634.380	6195	0	33076	0.0088	-0.0053	-0.0017	3.48E+06	0.832
				4635.380	6196	0	33091	0.0088	-0.0053	-0.0017	3.46E+06	0.835
				4636.380	6197	0	33138	0.0088	-0.0053	-0.0017	3.42E+06	0.835
				4637.380	6195	0	33123	0.0088	-0.0053	-0.0017	3.41E+06	0.838
				4638.380	6195	0	33154	0.0088	-0.0053	-0.0018	3.38E+06	0.841
				4639.380	6196	0	33170	0.0088	-0.0053	-0.0018	3.37E+06	0.851
				4640.380	6195	0	33170	0.0088	-0.0053	-0.0018	3.36E+06	0.856
				4641.380	6197	0	33170	0.0088	-0.0053	-0.0018	3.33E+06	0.856
				4642.380	6196	0	33201	0.0088	-0.0053	-0.0018	3.32E+06	0.858
				4643.380	6196	0	33217	0.0088	-0.0053	-0.0018	3.32E+06	0.863
				4644.380	6196	0	33248	0.0088	-0.0053	-0.0018	3.30E+06	0.861
				4645.380	6195	0	33263	0.0089	-0.0053	-0.0018	3.31E+06	0.866
				4646.380	6197	0	33263	0.0089	-0.0053	-0.0018	3.33E+06	0.873
				4647.380	6196	0	33295	0.0089	-0.0053	-0.0018	3.29E+06	0.869
				4648.380	6196	0	33279	0.0089	-0.0053	-0.0018	3.27E+06	0.873
				4649.370	6196	0	33310	0.0089	-0.0053	-0.0018	3.27E+06	0.872
				4650.370	6197	0	33342	0.0089	-0.0053	-0.0018	3.25E+06	0.871
				4651.370	6197	0	33389	0.0089	-0.0053	-0.0018	3.24E+06	0.871
				4652.370	6196	0	33373	0.0089	-0.0053	-0.0018	3.24E+06	0.867
				4653.370	6196	0	33389	0.0089	-0.0053	-0.0018	3.22E+06	0.863
				4654.370	6198	0	33420	0.0089	-0.0054	-0.0018	3.24E+06	0.862
				4655.370	6196	0	33436	0.0089	-0.0054	-0.0018	3.24E+06	0.864
				4656.370	6196	0	33420	0.0089	-0.0054	-0.0018	3.23E+06	0.863
				4657.370	6196	0	33451	0.0089	-0.0054	-0.0018	3.26E+06	0.869
				4658.370	6194	0	33451	0.0089	-0.0054	-0.0018	3.27E+06	0.874
				4659.370	6196	0	33483	0.0089	-0.0054	-0.0018	3.25E+06	0.873
				4660.370	6196	0	33498	0.0089	-0.0054	-0.0018	3.26E+06	0.872
				4661.370	6197	0	33498	0.0089	-0.0054	-0.0018	3.28E+06	0.873
				4662.370	6196	0	33545	0.0089	-0.0054	-0.0018	3.30E+06	0.872
				4663.370	6196	0	33545	0.0089	-0.0054	-0.0018	3.29E+06	0.869
				4664.370	6195	0	33545	0.0089	-0.0054	-0.0018	3.30E+06	0.872
				4665.370	6195	0	33561	0.0089	-0.0054	-0.0018	3.31E+06	0.872
				4666.370	6197	0	33592	0.0090	-0.0054	-0.0018	3.30E+06	0.873
				4667.370	6197	0	33624	0.0090	-0.0054	-0.0018	3.30E+06	0.875
				4668.370	6197	0	33624	0.0089	-0.0054	-0.0019	3.30E+06	0.873
				4669.370	6199	0	33639	0.0090	-0.0054	-0.0019	3.27E+06	0.868
				4670.370	6196	0	33655	0.0090	-0.0054	-0.0019	3.27E+06	0.867
				4671.370	6198	0	33671	0.0090	-0.0054	-0.0019	3.26E+06	0.866
				4672.370	6198	0	33655	0.0090	-0.0054	-0.0019	3.24E+06	0.866
				4673.370	6196	0	33686	0.0090	-0.0054	-0.0019	3.24E+06	0.868
				4674.370	6196	0	33733	0.0090	-0.0054	-0.0019	3.22E+06	0.866
				4675.370	6196	0	33733	0.0090	-0.0054	-0.0019	3.21E+06	0.864
				4676.370	6195	0	33733	0.0090	-0.0054	-0.0019	3.22E+06	0.863
				4677.370	6197	0	33780	0.0090	-0.0054	-0.0019	3.23E+06	0.864
				4678.370	6198	0	33765	0.0090	-0.0054	-0.0019	3.23E+06	0.861
				4679.370	6197	0	33827	0.0090	-0.0055	-0.0019	3.24E+06	0.863
				4680.360	6198	0	33796	0.0090	-0.0055	-0.0019	3.24E+06	0.864
				4681.360	6195	0	33812	0.0090	-0.0055	-0.0019	3.23E+06	0.866
				4682.360	6195	0	33827	0.0090	-0.0055	-0.0019	3.21E+06	0.865
				4683.360	6197	0	33843	0.0090	-0.0055	-0.0019	3.22E+06	0.866
				4684.360	6199	0	33843	0.0090	-0.0055	-0.0019	3.22E+06	0.870
				4685.360	6196	0	33890	0.0090	-0.0055	-0.0019	3.24E+06	0.874
				4686.360	6196	0	33937	0.0090	-0.0055	-0.0019	3.25E+06	0.876
				4687.360	6197	0	33937	0.0090	-0.0055	-0.0019	3.25E+06	0.877
				4688.360	6197	0	33921	0.0091	-0.0055	-0.0019	3.26E+06	0.874
				4689.360	6197	0	33921	0.0091	-0.0055	-0.0019	3.25E+06	0.873
				4690.360	6197	0	33953	0.0091	-0.0055	-0.0019	3.24E+06	0.873
				4691.360	6198	0	33953	0.0091	-0.0055	-0.0019	3.23E+06	0.876
				4692.360	6197	0	34000	0.0091	-0.0055	-0.0019	3.22E+06	0.876
				4693.360	6198	0	34015	0.0091	-0.0055	-0.0019	3.22E+06	0.874
				4694.360	6197	0	34000	0.0091	-0.0055	-0.0019	3.24E+06	0.879
				4695.360	6199	0	34031	0.0091	-0.0055	-0.0019	3.22E+06	0.873
				4696.360	6195	0	34031	0.0091	-0.0055	-0.0020	3.24E+06	0.872
				4697.360	6197	0	34047	0.0091	-0.0055	-0.0020	3.25E+06	0.875
				4698.360	6197	0	34062	0.0091	-0.0055	-0.0020	3.22E+06	0.873
				4699.360	6198	0	34094	0.0091	-0.0055	-0.0020	3.22E+06	0.879
				4700.360	6196	0	34125	0.0091	-0.0055	-0.0020	3.21E+06	0.877
				4701.360	6196	0	34125	0.0091	-0.0055	-0.0020	3.20E+06	0.876

				4702.360	6198	0	34125	0.0091	-0.0055	-0.0020	3.20E+06	0.876
				4703.360	6196	0	34172	0.0091	-0.0055	-0.0020	3.24E+06	0.882
				4704.360	6195	0	34172	0.0091	-0.0056	-0.0020	3.22E+06	0.880
				4705.360	6197	0	34156	0.0091	-0.0056	-0.0020	3.23E+06	0.878
				4706.360	6196	0	34172	0.0091	-0.0056	-0.0020	3.22E+06	0.875
				4707.360	6197	0	34203	0.0091	-0.0056	-0.0020	3.22E+06	0.876
				4708.360	6197	0	34234	0.0091	-0.0056	-0.0020	3.22E+06	0.873
				4709.360	6196	0	34250	0.0091	-0.0056	-0.0020	3.22E+06	0.876
				4710.350	6198	0	34281	0.0091	-0.0056	-0.0020	3.19E+06	0.872
				4711.350	6197	0	34281	0.0092	-0.0056	-0.0020	3.21E+06	0.872
				4712.350	6198	0	34297	0.0092	-0.0056	-0.0020	3.24E+06	0.873
				4713.350	6198	0	34344	0.0092	-0.0056	-0.0020	3.28E+06	0.878
				4714.350	6197	0	34313	0.0092	-0.0056	-0.0020	3.25E+06	0.875
				4715.350	6198	0	34328	0.0092	-0.0056	-0.0020	3.23E+06	0.874
				4716.350	6196	0	34328	0.0092	-0.0056	-0.0020	3.21E+06	0.868
				4717.350	6197	0	34344	0.0092	-0.0056	-0.0020	3.21E+06	0.870
				4718.350	6196	0	34391	0.0092	-0.0056	-0.0020	3.24E+06	0.875
				4719.350	6197	0	34391	0.0092	-0.0056	-0.0020	3.23E+06	0.870
				4720.350	6198	0	34422	0.0092	-0.0056	-0.0020	3.23E+06	0.865
				4721.350	6197	0	34469	0.0092	-0.0056	-0.0020	3.20E+06	0.859
				4722.350	6196	0	34438	0.0092	-0.0056	-0.0020	3.21E+06	0.861
				4723.350	6197	0	34438	0.0092	-0.0056	-0.0020	3.20E+06	0.861
				4724.350	6196	0	34454	0.0092	-0.0056	-0.0021	3.18E+06	0.861
				4725.350	6197	0	34454	0.0092	-0.0056	-0.0021	3.17E+06	0.859
				4726.350	6197	0	34485	0.0092	-0.0056	-0.0021	3.16E+06	0.856
				4727.350	6197	0	34532	0.0092	-0.0056	-0.0021	3.16E+06	0.854
				4728.350	6199	0	34532	0.0092	-0.0057	-0.0021	3.15E+06	0.854
				4729.350	6198	0	34548	0.0092	-0.0057	-0.0021	3.13E+06	0.851
				4730.350	6197	0	34563	0.0092	-0.0057	-0.0021	3.13E+06	0.849
				4731.350	6197	0	34563	0.0093	-0.0057	-0.0021	3.09E+06	0.845
				4732.350	6197	0	34610	0.0093	-0.0057	-0.0021	3.08E+06	0.842
				4733.350	6196	0	34626	0.0093	-0.0057	-0.0021	3.07E+06	0.839
				4734.350	6197	0	34626	0.0093	-0.0057	-0.0021	3.08E+06	0.841
				4735.350	6199	0	34642	0.0093	-0.0057	-0.0021	3.10E+06	0.843
				4736.350	6196	0	34689	0.0093	-0.0057	-0.0021	3.12E+06	0.845
				4737.350	6196	0	34673	0.0093	-0.0057	-0.0021	3.12E+06	0.847
				4738.350	6199	0	34704	0.0093	-0.0057	-0.0021	3.13E+06	0.850
				4739.350	6197	0	34673	0.0093	-0.0057	-0.0021	3.15E+06	0.846
				4740.350	6196	0	34704	0.0093	-0.0057	-0.0021	3.15E+06	0.845
				4741.350	6196	0	34720	0.0093	-0.0057	-0.0021	3.15E+06	0.846
				4742.340	6195	0	34736	0.0093	-0.0057	-0.0021	3.17E+06	0.853
				4743.340	6197	0	34751	0.0093	-0.0057	-0.0021	3.17E+06	0.855
				4744.340	6197	0	34767	0.0093	-0.0057	-0.0021	3.19E+06	0.857
				4745.340	6197	0	34830	0.0093	-0.0057	-0.0021	3.20E+06	0.857
				4746.340	6195	0	34798	0.0093	-0.0057	-0.0021	3.20E+06	0.855
				4747.340	6197	0	34830	0.0093	-0.0057	-0.0021	3.21E+06	0.856
				4748.340	6196	0	34830	0.0093	-0.0057	-0.0021	3.24E+06	0.857
				4749.340	6197	0	34830	0.0093	-0.0057	-0.0021	3.23E+06	0.855
				4750.340	6196	0	34845	0.0093	-0.0057	-0.0021	3.24E+06	0.858
				4751.340	6196	0	34861	0.0094	-0.0057	-0.0021	3.24E+06	0.857
				4752.340	6197	0	34908	0.0094	-0.0058	-0.0022	3.23E+06	0.856
				4753.340	6197	0	34908	0.0094	-0.0058	-0.0022	3.23E+06	0.855
				4754.340	6197	0	34892	0.0094	-0.0058	-0.0022	3.28E+06	0.862
				4755.340	6197	0	34924	0.0094	-0.0058	-0.0022	3.28E+06	0.861
				4756.340	6196	0	34939	0.0094	-0.0058	-0.0022	3.28E+06	0.861
				4757.340	6197	0	34986	0.0094	-0.0058	-0.0022	3.28E+06	0.858
				4758.340	6196	0	35002	0.0094	-0.0058	-0.0022	3.30E+06	0.861
				4759.340	6199	0	35018	0.0094	-0.0058	-0.0022	3.30E+06	0.857
				4760.340	6196	0	35033	0.0094	-0.0058	-0.0022	3.30E+06	0.858
				4761.340	6196	0	35049	0.0094	-0.0058	-0.0022	3.28E+06	0.854
				4762.340	6198	0	35033	0.0094	-0.0058	-0.0022	3.31E+06	0.858
				4763.340	6197	0	35064	0.0094	-0.0058	-0.0022	3.31E+06	0.856
				4764.340	6197	0	35111	0.0094	-0.0058	-0.0022	3.35E+06	0.861
				4765.340	6197	0	35127	0.0094	-0.0058	-0.0022	3.34E+06	0.866
				4766.340	6198	0	35111	0.0094	-0.0058	-0.0022	3.35E+06	0.867
				4767.340	6197	0	35143	0.0094	-0.0058	-0.0022	3.35E+06	0.868
				4768.340	6196	0	35158	0.0094	-0.0058	-0.0022	3.34E+06	0.871
				4769.340	6196	0	35174	0.0094	-0.0058	-0.0022	3.33E+06	0.872
				4770.340	6196	0	35205	0.0094	-0.0058	-0.0022	3.33E+06	0.874
				4771.340	6197	0	35205	0.0094	-0.0058	-0.0022	3.35E+06	0.874
				4772.340	6196	0	35205	0.0095	-0.0058	-0.0022	3.33E+06	0.874
				4773.330	6197	0	35268	0.0095	-0.0058	-0.0022	3.33E+06	0.876
				4774.330	6198	0	35284	0.0095	-0.0058	-0.0022	3.34E+06	0.880
				4775.330	6197	0	35315	0.0095	-0.0059	-0.0022	3.30E+06	0.878
				4776.330	6197	0	35315	0.0095	-0.0059	-0.0022	3.29E+06	0.881
				4777.330	6198	0	35315	0.0095	-0.0059	-0.0022	3.28E+06	0.881

				4778.330	6197	0	35331	0.0095	-0.0059	-0.0022	3.27E+06	0.882
				4779.330	6197	0	35393	0.0095	-0.0059	-0.0022	3.26E+06	0.887
				4780.330	6196	0	35378	0.0095	-0.0059	-0.0022	3.23E+06	0.887
				4781.330	6198	0	35409	0.0095	-0.0059	-0.0023	3.21E+06	0.887
				4782.330	6197	0	35456	0.0095	-0.0059	-0.0023	3.17E+06	0.885
				4783.330	6196	0	35425	0.0095	-0.0059	-0.0023	3.13E+06	0.882
				4784.330	6196	0	35456	0.0095	-0.0059	-0.0023	3.10E+06	0.880
				4785.330	6197	0	35456	0.0095	-0.0059	-0.0023	3.10E+06	0.883
				4786.330	6197	0	35472	0.0095	-0.0059	-0.0023	3.08E+06	0.883
				4787.330	6196	0	35519	0.0095	-0.0059	-0.0023	3.06E+06	0.885
				4788.330	6196	0	35534	0.0095	-0.0059	-0.0023	3.02E+06	0.886
				4789.330	6197	0	35566	0.0095	-0.0059	-0.0023	3.00E+06	0.887
				4790.330	6197	0	35519	0.0095	-0.0059	-0.0023	2.99E+06	0.888
				4791.330	6198	0	35581	0.0096	-0.0059	-0.0023	2.98E+06	0.888
				4792.330	6199	0	35597	0.0096	-0.0059	-0.0023	2.95E+06	0.890
				4793.330	6197	0	35566	0.0096	-0.0059	-0.0023	2.92E+06	0.892
				4794.330	6199	0	35613	0.0096	-0.0059	-0.0023	2.90E+06	0.893
				4795.330	6196	0	35628	0.0096	-0.0059	-0.0023	2.88E+06	0.896
				4796.330	6196	0	35660	0.0096	-0.0060	-0.0023	2.86E+06	0.897
				4797.330	6196	0	35644	0.0096	-0.0060	-0.0023	2.84E+06	0.898
				4798.330	6196	0	35644	0.0096	-0.0060	-0.0023	2.80E+06	0.901
				4799.330	6197	0	35691	0.0096	-0.0060	-0.0023	2.80E+06	0.901
				4800.330	6196	0	35675	0.0096	-0.0060	-0.0023	2.79E+06	0.902
				4801.330	6196	0	35707	0.0096	-0.0060	-0.0023	2.76E+06	0.901
				4802.330	6196	0	35754	0.0096	-0.0060	-0.0023	2.74E+06	0.901
				4803.330	6197	0	35738	0.0096	-0.0060	-0.0023	2.72E+06	0.902
				4804.330	6196	0	35738	0.0096	-0.0060	-0.0024	2.71E+06	0.903
				4805.320	6196	0	35769	0.0096	-0.0060	-0.0024	2.69E+06	0.899
				4806.320	6197	0	35801	0.0096	-0.0060	-0.0024	2.66E+06	0.897
				4807.320	6198	0	35785	0.0096	-0.0060	-0.0024	2.64E+06	0.894
				4808.320	6197	0	35785	0.0096	-0.0060	-0.0024	2.64E+06	0.895
				4809.320	6198	0	35801	0.0097	-0.0060	-0.0024	2.63E+06	0.898
				4810.320	6197	0	35863	0.0096	-0.0060	-0.0024	2.61E+06	0.895
				4811.320	6198	0	35832	0.0097	-0.0060	-0.0024	2.60E+06	0.896
				4812.320	6196	0	35847	0.0097	-0.0060	-0.0024	2.58E+06	0.894
				4813.320	6197	0	35863	0.0097	-0.0060	-0.0024	2.59E+06	0.898
				4814.320	6196	0	35879	0.0097	-0.0060	-0.0024	2.60E+06	0.895
				4815.320	6197	0	35910	0.0097	-0.0060	-0.0024	2.59E+06	0.892
				4816.320	6196	0	35910	0.0097	-0.0060	-0.0024	2.58E+06	0.897
				4817.320	6198	0	35910	0.0097	-0.0060	-0.0024	2.58E+06	0.895
				4818.320	6199	0	35910	0.0097	-0.0061	-0.0024	2.60E+06	0.899
				4819.320	6196	0	35957	0.0097	-0.0061	-0.0024	2.57E+06	0.899
				4820.320	6197	0	35942	0.0097	-0.0061	-0.0024	2.56E+06	0.899
				4821.320	6199	0	35957	0.0097	-0.0061	-0.0024	2.55E+06	0.899
				4822.320	6197	0	35988	0.0097	-0.0061	-0.0024	2.56E+06	0.903
				4823.320	6197	0	35973	0.0097	-0.0061	-0.0024	2.58E+06	0.907
				4824.320	6197	0	36035	0.0097	-0.0061	-0.0024	2.58E+06	0.908
				4825.320	6197	0	36035	0.0097	-0.0061	-0.0024	2.58E+06	0.910
				4826.320	6196	0	36004	0.0097	-0.0061	-0.0024	2.56E+06	0.908
				4827.320	6197	0	36035	0.0097	-0.0061	-0.0024	2.55E+06	0.912
				4828.320	6196	0	36051	0.0097	-0.0061	-0.0025	2.58E+06	0.915
				4829.320	6198	0	36098	0.0097	-0.0061	-0.0025	2.57E+06	0.913
				4830.320	6198	0	36082	0.0098	-0.0061	-0.0025	2.58E+06	0.921
				4831.320	6196	0	36082	0.0098	-0.0061	-0.0025	2.57E+06	0.923
				4832.320	6197	0	36098	0.0098	-0.0061	-0.0025	2.57E+06	0.924
				4833.320	6196	0	36114	0.0098	-0.0061	-0.0025	2.55E+06	0.925
				4834.320	6197	0	36129	0.0098	-0.0061	-0.0025	2.53E+06	0.928
				4835.310	6197	0	36145	0.0098	-0.0061	-0.0025	2.51E+06	0.926
				4836.310	6197	0	36161	0.0098	-0.0061	-0.0025	2.53E+06	0.925
				4837.310	6196	0	36161	0.0098	-0.0061	-0.0025	2.52E+06	0.927
				4838.310	6197	0	36208	0.0098	-0.0061	-0.0025	2.52E+06	0.929
				4839.310	6198	0	36223	0.0098	-0.0061	-0.0025	2.49E+06	0.927
				4840.310	6198	0	36192	0.0098	-0.0061	-0.0025	2.49E+06	0.927
				4841.310	6197	0	36223	0.0098	-0.0062	-0.0025	2.50E+06	0.927
				4842.310	6199	0	36239	0.0098	-0.0062	-0.0025	2.50E+06	0.929
				4843.310	6198	0	36255	0.0098	-0.0062	-0.0025	2.49E+06	0.932
				4844.310	6198	0	36239	0.0098	-0.0062	-0.0025	2.46E+06	0.932
				4845.310	6197	0	36255	0.0098	-0.0062	-0.0025	2.45E+06	0.933
				4846.310	6198	0	36270	0.0098	-0.0062	-0.0025	2.43E+06	0.932
				4847.310	6197	0	36286	0.0098	-0.0062	-0.0025	2.40E+06	0.931
				4848.310	6197	0	36333	0.0098	-0.0062	-0.0025	2.39E+06	0.930
				4849.310	6197	0	36349	0.0098	-0.0062	-0.0025	2.37E+06	0.933
				4850.310	6197	0	36333	0.0098	-0.0062	-0.0025	2.37E+06	0.933
				4851.310	6196	0	36333	0.0099	-0.0062	-0.0025	2.38E+06	0.936
				4852.310	6198	0	36333	0.0099	-0.0062	-0.0026	2.36E+06	0.938
				4853.310	6196	0	36396	0.0099	-0.0062	-0.0026	2.35E+06	0.939

4854.310	6196	0	36380	0.0099	-0.0062	-0.0026	2.33E+06	0.941
4855.310	6197	0	36380	0.0099	-0.0062	-0.0026	2.33E+06	0.943
4856.310	6196	0	36380	0.0099	-0.0062	-0.0026	2.33E+06	0.944
4857.310	6195	0	36396	0.0099	-0.0062	-0.0026	2.30E+06	0.942
4858.310	6199	0	36396	0.0099	-0.0062	-0.0026	2.29E+06	0.943
4859.310	6198	0	36411	0.0099	-0.0062	-0.0026	2.27E+06	0.946
4860.310	6198	0	36458	0.0099	-0.0062	-0.0026	2.27E+06	0.952
4861.310	6197	0	36474	0.0099	-0.0062	-0.0026	2.26E+06	0.953
4862.310	6197	0	36458	0.0099	-0.0063	-0.0026	2.25E+06	0.954
4863.310	6199	0	36490	0.0099	-0.0063	-0.0026	2.24E+06	0.955
4864.310	6197	0	36474	0.0099	-0.0063	-0.0026	2.26E+06	0.960
4865.310	6196	0	36521	0.0099	-0.0063	-0.0026	2.26E+06	0.958
4866.310	6199	0	36521	0.0099	-0.0063	-0.0026	2.25E+06	0.957
4867.300	6197	0	36521	0.0099	-0.0063	-0.0026	2.24E+06	0.959
4868.300	6197	0	36537	0.0099	-0.0063	-0.0026	2.23E+06	0.958
4869.300	6197	0	36521	0.0099	-0.0063	-0.0026	2.23E+06	0.962
4870.300	6198	0	36537	0.0099	-0.0063	-0.0026	2.22E+06	0.964
4871.300	6197	0	36568	0.0100	-0.0063	-0.0026	2.21E+06	0.967
4872.300	6195	0	36568	0.0100	-0.0063	-0.0026	2.19E+06	0.963
4873.300	6197	0	36568	0.0100	-0.0063	-0.0026	2.19E+06	0.969
4874.300	6197	0	36584	0.0100	-0.0063	-0.0027	2.21E+06	0.975
4875.300	6197	0	36615	0.0100	-0.0063	-0.0027	2.23E+06	0.976
4876.300	6196	0	36646	0.0100	-0.0063	-0.0027	2.24E+06	0.974
4877.300	6197	0	36631	0.0100	-0.0063	-0.0027	2.24E+06	0.975
4878.300	6196	0	36631	0.0100	-0.0063	-0.0027	2.22E+06	0.974
4879.300	6195	0	36646	0.0100	-0.0063	-0.0027	2.25E+06	0.977
4880.300	6197	0	36646	0.0100	-0.0063	-0.0027	2.23E+06	0.975
4881.300	6199	0	36693	0.0100	-0.0063	-0.0027	2.25E+06	0.979
4882.300	6198	0	36678	0.0100	-0.0063	-0.0027	2.25E+06	0.979
4883.300	6198	0	36693	0.0100	-0.0064	-0.0027	2.24E+06	0.978
4884.300	6197	0	36693	0.0100	-0.0064	-0.0027	2.24E+06	0.978
4885.300	6196	0	36709	0.0100	-0.0064	-0.0027	2.25E+06	0.984
4886.300	6197	0	36725	0.0100	-0.0064	-0.0027	2.25E+06	0.981
4887.300	6197	0	36725	0.0100	-0.0064	-0.0027	2.25E+06	0.978
4888.300	6198	0	36756	0.0100	-0.0064	-0.0027	2.25E+06	0.974
4889.300	6197	0	36771	0.0100	-0.0064	-0.0027	2.26E+06	0.976
4890.300	6196	0	36771	0.0101	-0.0064	-0.0027	2.24E+06	0.973
4891.300	6196	0	36803	0.0100	-0.0064	-0.0027	2.25E+06	0.972
4892.300	6196	0	36787	0.0101	-0.0064	-0.0027	2.25E+06	0.971
4893.300	6199	0	36803	0.0101	-0.0064	-0.0027	2.27E+06	0.972
4894.300	6197	0	36803	0.0101	-0.0064	-0.0027	2.29E+06	0.975
4895.300	6196	0	36818	0.0101	-0.0064	-0.0028	2.28E+06	0.977
4896.300	6197	0	36834	0.0101	-0.0064	-0.0028	2.28E+06	0.978
4897.300	6197	0	36850	0.0101	-0.0064	-0.0028	2.28E+06	0.978
4898.290	6198	0	36850	0.0101	-0.0064	-0.0028	2.27E+06	0.978
4899.290	6197	0	36865	0.0101	-0.0064	-0.0028	2.27E+06	0.978
4900.290	6196	0	36897	0.0101	-0.0064	-0.0028	2.26E+06	0.975
4901.290	6197	0	36912	0.0101	-0.0064	-0.0028	2.25E+06	0.974
4902.290	6197	0	36912	0.0101	-0.0064	-0.0028	2.26E+06	0.976
4903.290	6196	0	36912	0.0101	-0.0064	-0.0028	2.26E+06	0.978
4904.290	6198	0	36944	0.0101	-0.0065	-0.0028	2.24E+06	0.977
4905.290	6196	0	36897	0.0101	-0.0065	-0.0028	2.25E+06	0.978
4906.290	6198	0	36975	0.0101	-0.0065	-0.0028	2.22E+06	0.974
4907.290	6198	0	36975	0.0101	-0.0065	-0.0028	2.23E+06	0.972
4908.290	6198	0	36975	0.0101	-0.0065	-0.0028	2.23E+06	0.972
4909.290	6197	0	36991	0.0101	-0.0065	-0.0028	2.23E+06	0.975
4910.290	6198	0	37022	0.0101	-0.0065	-0.0028	2.21E+06	0.973
4911.290	6197	0	37006	0.0102	-0.0065	-0.0028	2.21E+06	0.977
4912.290	6196	0	37022	0.0102	-0.0065	-0.0028	2.20E+06	0.982
4913.290	6197	0	37038	0.0102	-0.0065	-0.0028	2.18E+06	0.979
4914.290	6197	0	37022	0.0102	-0.0065	-0.0028	2.18E+06	0.983
4915.290	6197	0	37038	0.0102	-0.0065	-0.0028	2.19E+06	0.985
4916.290	6197	0	37053	0.0102	-0.0065	-0.0028	2.17E+06	0.981
4917.290	6197	0	37069	0.0102	-0.0065	-0.0029	2.18E+06	0.982
4918.290	6196	0	37100	0.0102	-0.0065	-0.0029	2.18E+06	0.980
4919.290	6196	0	37100	0.0102	-0.0065	-0.0029	2.16E+06	0.980
4920.290	6196	0	37100	0.0102	-0.0065	-0.0029	2.17E+06	0.981
4921.290	6196	0	37116	0.0102	-0.0065	-0.0029	2.15E+06	0.982
4922.290	6198	0	37116	0.0102	-0.0065	-0.0029	2.13E+06	0.983
4923.290	6197	0	37116	0.0102	-0.0065	-0.0029	2.11E+06	0.981
4924.290	6197	0	37163	0.0102	-0.0065	-0.0029	2.11E+06	0.983
4925.290	6198	0	37163	0.0102	-0.0066	-0.0029	2.11E+06	0.985
4926.290	6198	0	37147	0.0102	-0.0066	-0.0029	2.10E+06	0.988
4927.290	6197	0	37163	0.0102	-0.0066	-0.0029	2.09E+06	0.988
4928.290	6199	0	37163	0.0102	-0.0066	-0.0029	2.09E+06	0.991
4929.290	6198	0	37163	0.0102	-0.0066	-0.0029	2.06E+06	0.990

4930.280	6197	0	37241	0.0102	-0.0066	-0.0029	2.07E+06	0.994
4931.280	6196	0	37194	0.0103	-0.0066	-0.0029	2.04E+06	0.996
4932.280	6196	0	37241	0.0103	-0.0066	-0.0029	2.07E+06	1.005
4933.280	6195	0	37257	0.0103	-0.0066	-0.0029	2.06E+06	1.006
4934.280	6196	0	37226	0.0103	-0.0066	-0.0029	2.04E+06	1.008
4935.280	6199	0	37257	0.0103	-0.0066	-0.0029	2.04E+06	1.009
4936.280	6198	0	37257	0.0103	-0.0066	-0.0029	2.06E+06	1.014
4937.280	6197	0	37257	0.0103	-0.0066	-0.0030	2.03E+06	1.016
4938.280	6197	0	37273	0.0103	-0.0066	-0.0029	2.03E+06	1.020
4939.280	6196	0	37288	0.0103	-0.0066	-0.0030	2.01E+06	1.017
4940.280	6197	0	37335	0.0103	-0.0066	-0.0030	1.99E+06	1.023
4941.280	6197	0	37320	0.0103	-0.0066	-0.0030	1.97E+06	1.025
4942.280	6198	0	37335	0.0103	-0.0066	-0.0030	1.97E+06	1.026
4943.280	6196	0	37367	0.0103	-0.0066	-0.0030	1.96E+06	1.029
4944.280	6197	0	37335	0.0103	-0.0066	-0.0030	1.96E+06	1.033
4945.280	6195	0	37398	0.0103	-0.0067	-0.0030	1.94E+06	1.028
4946.280	6196	0	37351	0.0103	-0.0067	-0.0030	1.92E+06	1.029
4947.280	6198	0	37382	0.0103	-0.0067	-0.0030	1.92E+06	1.035
4948.280	6199	0	37382	0.0103	-0.0067	-0.0030	1.91E+06	1.041
4949.280	6198	0	37414	0.0103	-0.0067	-0.0030	1.89E+06	1.046
4950.280	6197	0	37414	0.0103	-0.0067	-0.0030	1.90E+06	1.050
4951.280	6198	0	37414	0.0103	-0.0067	-0.0030	1.89E+06	1.052
4952.280	6198	0	37398	0.0103	-0.0067	-0.0030	1.88E+06	1.055
4953.280	6198	0	37445	0.0104	-0.0067	-0.0030	1.87E+06	1.061
4954.280	6199	0	37429	0.0104	-0.0067	-0.0030	1.85E+06	1.068
4955.280	6197	0	37461	0.0104	-0.0067	-0.0030	1.83E+06	1.072
4956.280	6197	0	37461	0.0104	-0.0067	-0.0030	1.84E+06	1.079
4957.280	6196	0	37492	0.0104	-0.0067	-0.0031	1.81E+06	1.082
4958.280	6197	0	37476	0.0104	-0.0067	-0.0031	1.81E+06	1.084
4959.280	6196	0	37476	0.0104	-0.0067	-0.0031	1.83E+06	1.095
4960.270	6197	0	37508	0.0104	-0.0067	-0.0031	1.81E+06	1.101
4961.270	6197	0	37523	0.0104	-0.0067	-0.0031	1.80E+06	1.105
4962.270	6197	0	37492	0.0104	-0.0067	-0.0031	1.77E+06	1.108
4963.270	6197	0	37539	0.0104	-0.0067	-0.0031	1.76E+06	1.117
4964.270	6196	0	37523	0.0104	-0.0068	-0.0031	1.73E+06	1.120
4965.270	6198	0	37523	0.0104	-0.0068	-0.0031	1.73E+06	1.128
4966.270	6197	0	37539	0.0104	-0.0068	-0.0031	1.74E+06	1.133
4967.270	6199	0	37586	0.0104	-0.0068	-0.0031	1.72E+06	1.134
4968.270	6199	0	37570	0.0104	-0.0068	-0.0031	1.72E+06	1.137
4969.270	6196	0	37586	0.0104	-0.0068	-0.0031	1.72E+06	1.139
4970.270	6196	0	37602	0.0105	-0.0068	-0.0031	1.70E+06	1.144
4971.270	6196	0	37570	0.0105	-0.0068	-0.0031	1.72E+06	1.152
4972.270	6198	0	37602	0.0105	-0.0068	-0.0031	1.70E+06	1.155
4973.270	6196	0	37617	0.0105	-0.0068	-0.0032	1.70E+06	1.160
4974.270	6197	0	37617	0.0105	-0.0068	-0.0032	1.70E+06	1.168
4975.270	6197	0	37633	0.0105	-0.0068	-0.0032	1.70E+06	1.174
4976.270	6197	0	37633	0.0105	-0.0068	-0.0032	1.68E+06	1.176
4977.270	6197	0	37664	0.0105	-0.0068	-0.0032	1.68E+06	1.184
4978.270	6196	0	37664	0.0105	-0.0068	-0.0032	1.66E+06	1.192
4979.270	6198	0	37649	0.0105	-0.0068	-0.0032	1.65E+06	1.196
4980.270	6195	0	37680	0.0105	-0.0068	-0.0032	1.64E+06	1.203
4981.270	6195	0	37664	0.0105	-0.0069	-0.0032	1.64E+06	1.205
4982.270	6197	0	37664	0.0105	-0.0069	-0.0032	1.64E+06	1.211
4983.270	6197	0	37711	0.0105	-0.0069	-0.0032	1.64E+06	1.223
4984.270	6196	0	37711	0.0105	-0.0069	-0.0032	1.63E+06	1.231
4985.270	6197	0	37711	0.0105	-0.0069	-0.0032	1.62E+06	1.237
4986.270	6196	0	37711	0.0105	-0.0069	-0.0032	1.61E+06	1.242
4987.270	6197	0	37711	0.0105	-0.0069	-0.0032	1.61E+06	1.249
4988.270	6198	0	37742	0.0105	-0.0069	-0.0033	1.59E+06	1.259
4989.270	6197	0	37727	0.0105	-0.0069	-0.0033	1.58E+06	1.264
4990.270	6197	0	37758	0.0105	-0.0069	-0.0033	1.55E+06	1.268
4991.270	6197	0	37774	0.0105	-0.0069	-0.0033	1.52E+06	1.273
4992.260	6197	0	37774	0.0106	-0.0069	-0.0033	1.48E+06	1.277
4993.260	6195	0	37789	0.0106	-0.0069	-0.0033	1.46E+06	1.277
4994.260	6196	0	37774	0.0106	-0.0069	-0.0033	1.44E+06	1.280
4995.260	6197	0	37774	0.0106	-0.0069	-0.0033	1.43E+06	1.287
4996.260	6197	0	37805	0.0106	-0.0069	-0.0033	1.40E+06	1.282
4997.260	6198	0	37805	0.0106	-0.0070	-0.0033	1.36E+06	1.284
4998.260	6197	0	37836	0.0106	-0.0070	-0.0033	1.33E+06	1.290
4999.260	6197	0	37836	0.0106	-0.0070	-0.0034	1.31E+06	1.298
5000.260	6197	0	37821	0.0106	-0.0070	-0.0034	1.29E+06	1.302
5001.260	6198	0	37821	0.0106	-0.0070	-0.0034	1.26E+06	1.304
5002.260	6196	0	37852	0.0106	-0.0070	-0.0034	1.23E+06	1.312
5003.260	6197	0	37852	0.0106	-0.0070	-0.0034	1.19E+06	1.317
5004.260	6198	0	37836	0.0106	-0.0070	-0.0034	1.16E+06	1.322
5005.260	6197	0	37883	0.0106	-0.0070	-0.0034	1.11E+06	1.330

				5006.260	6198	0	37899	0.0106	-0.0070	-0.0034	1.06E+06	1.341
				5007.260	6198	0	37883	0.0106	-0.0070	-0.0034	9.86E+05	1.355
				5008.260	6198	0	37868	0.0106	-0.0070	-0.0034	9.10E+05	1.374
				5009.260	6197	0	37899	0.0106	-0.0070	-0.0034	8.43E+05	1.391
				5010.260	6196	0	37899	0.0106	-0.0070	-0.0034	7.52E+05	1.417
				5011.260	6196	0	37899	0.0106	-0.0071	-0.0035	6.51E+05	1.439
				5012.260	6196	0	37930	0.0107	-0.0071	-0.0035	5.30E+05	1.461
				5013.260	6196	0	37915	0.0107	-0.0071	-0.0035	4.14E+05	1.480
				5014.260	6197	0	37899	0.0107	-0.0071	-0.0035	3.03E+05	1.506
				5015.260	6197	0	37915	0.0107	-0.0071	-0.0035	1.81E+05	1.531
				5016.260	6197	0	37915	0.0107	-0.0071	-0.0035	7.23E+04	1.553
				5017.260	6198	0	37899	0.0107	-0.0071	-0.0035	-3.46E+04	1.574
				5018.260	6197	0	37915	0.0107	-0.0071	-0.0035	-1.41E+05	1.593
				5019.260	6198	0	37930	0.0107	-0.0071	-0.0035	-2.37E+05	1.615
				5020.260	6197	0	37946	0.0107	-0.0071	-0.0035	-3.53E+05	1.635
				5021.260	6197	0	37930	0.0107	-0.0071	-0.0035	-4.62E+05	1.657
				5022.260	6196	0	37930	0.0107	-0.0071	-0.0036	-5.64E+05	1.683
				5023.250	6197	0	37930	0.0107	-0.0071	-0.0036	-6.60E+05	1.696
				5024.250	6199	0	37946	0.0107	-0.0071	-0.0036	-7.51E+05	1.717
				5025.250	6199	0	37962	0.0107	-0.0072	-0.0036	-8.46E+05	1.736
				5026.250	6196	0	37946	0.0107	-0.0072	-0.0036	-9.39E+05	1.748
				5027.250	6197	0	37946	0.0107	-0.0072	-0.0036	-1.03E+06	1.760
				5028.250	6196	0	37930	0.0107	-0.0072	-0.0036	-1.12E+06	1.775
				5029.250	6196	0	37946	0.0107	-0.0072	-0.0036	-1.19E+06	1.790
				5030.250	6198	0	37930	0.0108	-0.0072	-0.0037	-1.26E+06	1.792
				5031.250	6197	0	37915	0.0108	-0.0072	-0.0037	-1.31E+06	1.802
				5032.250	6197	0	37883	0.0108	-0.0072	-0.0037	-1.36E+06	1.803
				5033.250	6196	0	37883	0.0108	-0.0073	-0.0037	-1.42E+06	1.810
				5034.250	6197	0	37868	0.0108	-0.0073	-0.0038	-1.49E+06	1.823
				5035.250	6196	0	37821	0.0108	-0.0073	-0.0038	-1.54E+06	1.831
				5036.250	6198	0	37805	0.0108	-0.0073	-0.0038	-1.59E+06	1.836
				5037.250	6197	0	37774	0.0108	-0.0073	-0.0038	-1.62E+06	1.832
				5038.250	6198	0	37774	0.0108	-0.0073	-0.0038	-1.64E+06	1.832
				5039.250	6197	0	37742	0.0108	-0.0073	-0.0039	-1.66E+06	1.835
				5040.250	6197	0	37727	0.0108	-0.0074	-0.0039	-1.70E+06	1.835
				5041.250	6196	0	37727	0.0108	-0.0074	-0.0039	-1.70E+06	1.828
				5042.250	6197	0	37711	0.0108	-0.0074	-0.0039	-1.71E+06	1.820
				5043.250	6198	0	37695	0.0108	-0.0074	-0.0039	-1.72E+06	1.808
				5044.250	6196	0	37695	0.0108	-0.0074	-0.0040	-1.73E+06	1.799
				5045.250	6197	0	37649	0.0108	-0.0074	-0.0040	-1.71E+06	1.787
				5046.250	6198	0	37664	0.0108	-0.0074	-0.0040	-1.69E+06	1.777
				5047.250	6197	0	37649	0.0108	-0.0074	-0.0040	-1.64E+06	1.760
				5048.250	6197	0	37649	0.0109	-0.0074	-0.0040	-1.61E+06	1.741
				5049.250	6197	0	37633	0.0109	-0.0074	-0.0040	-1.58E+06	1.725
				5050.250	6198	0	37617	0.0109	-0.0074	-0.0040	-1.53E+06	1.715
				5051.250	6195	0	37617	0.0109	-0.0074	-0.0040	-1.44E+06	1.690
				5052.250	6195	0	37602	0.0109	-0.0074	-0.0040	-1.35E+06	1.652
				5053.250	6196	0	37602	0.0109	-0.0075	-0.0040	-1.27E+06	1.626
				5054.250	6199	0	37617	0.0109	-0.0075	-0.0040	-1.16E+06	1.589
				5055.240	6198	0	37633	0.0109	-0.0075	-0.0040	-1.03E+06	1.553
				5056.240	6197	0	37633	0.0109	-0.0075	-0.0040	-9.11E+05	1.518
				5057.240	6198	0	37602	0.0109	-0.0075	-0.0041	-7.88E+05	1.486
				5058.240	6198	0	37586	0.0109	-0.0075	-0.0041	-6.83E+05	1.452
				5059.240	6197	0	37586	0.0109	-0.0075	-0.0041	-5.40E+05	1.420
				5060.240	6197	0	37602	0.0109	-0.0075	-0.0041	-3.97E+05	1.386
				5061.240	6196	0	37586	0.0109	-0.0075	-0.0041	-2.95E+05	1.356
				5062.240	6196	0	37602	0.0109	-0.0075	-0.0041	-1.88E+05	1.322
				5063.240	6196	0	37617	0.0109	-0.0075	-0.0041	-9.59E+04	1.299
				5064.240	6198	0	37602	0.0109	-0.0075	-0.0041	-5.43E+02	1.272
				5065.240	6195	0	37586	0.0109	-0.0075	-0.0041	7.26E+04	1.251
				5066.240	6197	0	37633	0.0109	-0.0075	-0.0041	1.47E+05	1.226
				5067.240	6197	0	37617	0.0109	-0.0075	-0.0041	2.25E+05	1.208
				5068.240	6198	0	37617	0.0109	-0.0075	-0.0041	2.84E+05	1.192
				5069.240	6197	0	37586	0.0109	-0.0075	-0.0041	3.44E+05	1.180
				5070.240	6196	0	37633	0.0109	-0.0075	-0.0041	3.97E+05	1.171
				5071.240	6199	0	37633	0.0110	-0.0075	-0.0041	4.26E+05	1.166
				5072.240	6197	0	37664	0.0110	-0.0076	-0.0042	4.87E+05	1.158
				5073.240	6197	0	37633	0.0110	-0.0076	-0.0042	5.54E+05	1.149
				5074.240	6197	0	37617	0.0110	-0.0076	-0.0042	5.82E+05	1.141
				5075.240	6196	0	37649	0.0110	-0.0076	-0.0042	6.19E+05	1.136
				5076.240	6197	0	37649	0.0110	-0.0076	-0.0042	6.41E+05	1.124
				5077.240	6195	0	37633	0.0110	-0.0076	-0.0042	6.70E+05	1.118
				5078.240	6199	0	37633	0.0110	-0.0076	-0.0042	6.90E+05	1.115
				5079.240	6197	0	37664	0.0110	-0.0076	-0.0042	6.97E+05	1.110
				5080.240	6197	0	37680	0.0110	-0.0076	-0.0042	7.29E+05	1.110
				5081.240	6197	0	37664	0.0110	-0.0076	-0.0042	7.42E+05	1.102

5082.240	6197	0	37664	0.0110	-0.0076	-0.0042	7.62E+05	1.096
5083.240	6198	0	37649	0.0110	-0.0076	-0.0042	7.67E+05	1.092
5084.240	6198	0	37695	0.0110	-0.0076	-0.0042	7.69E+05	1.087
5085.230	6198	0	37695	0.0110	-0.0076	-0.0042	7.68E+05	1.084
5086.230	6198	0	37664	0.0110	-0.0076	-0.0042	7.73E+05	1.084
5087.230	6196	0	37680	0.0110	-0.0076	-0.0042	7.82E+05	1.085
5088.230	6196	0	37695	0.0110	-0.0076	-0.0042	7.74E+05	1.081
5089.230	6197	0	37695	0.0110	-0.0076	-0.0042	7.82E+05	1.079
5090.230	6198	0	37680	0.0110	-0.0076	-0.0042	7.79E+05	1.078
5091.230	6196	0	37695	0.0111	-0.0077	-0.0042	7.71E+05	1.076
5092.230	6198	0	37711	0.0111	-0.0077	-0.0043	7.76E+05	1.076
5093.230	6195	0	37695	0.0111	-0.0077	-0.0043	7.75E+05	1.072
5094.230	6196	0	37711	0.0111	-0.0077	-0.0043	7.79E+05	1.068
5095.230	6197	0	37695	0.0111	-0.0077	-0.0043	7.60E+05	1.072
5096.230	6198	0	37695	0.0111	-0.0077	-0.0043	7.58E+05	1.071
5097.230	6198	0	37742	0.0111	-0.0077	-0.0043	7.61E+05	1.071
5098.230	6199	0	37774	0.0111	-0.0077	-0.0043	7.75E+05	1.068
5099.230	6198	0	37711	0.0111	-0.0077	-0.0043	7.62E+05	1.065
5100.230	6196	0	37742	0.0111	-0.0077	-0.0043	7.43E+05	1.068
5101.230	6196	0	37742	0.0111	-0.0077	-0.0043	7.35E+05	1.070
5102.230	6198	0	37758	0.0111	-0.0077	-0.0043	7.22E+05	1.068
5103.230	6196	0	37758	0.0111	-0.0077	-0.0043	6.98E+05	1.064
5104.230	6198	0	37742	0.0111	-0.0077	-0.0043	6.81E+05	1.066
5105.230	6197	0	37774	0.0111	-0.0077	-0.0043	6.80E+05	1.064
5106.230	6197	0	37742	0.0111	-0.0077	-0.0043	6.73E+05	1.067
5107.230	6197	0	37758	0.0111	-0.0077	-0.0043	6.58E+05	1.064
5108.230	6197	0	37758	0.0111	-0.0077	-0.0044	6.27E+05	1.061
5109.230	6197	0	37774	0.0111	-0.0077	-0.0044	6.03E+05	1.061
5110.230	6196	0	37774	0.0112	-0.0078	-0.0044	5.93E+05	1.064
5111.230	6196	0	37774	0.0111	-0.0078	-0.0044	5.85E+05	1.061
5112.230	6196	0	37805	0.0111	-0.0078	-0.0044	5.61E+05	1.060
5113.230	6198	0	37774	0.0112	-0.0078	-0.0044	5.48E+05	1.055
5114.230	6197	0	37789	0.0112	-0.0078	-0.0044	5.25E+05	1.054
5115.230	6198	0	37789	0.0112	-0.0078	-0.0044	5.03E+05	1.053
5116.230	6198	0	37805	0.0112	-0.0078	-0.0044	4.86E+05	1.054
5117.220	6196	0	37789	0.0112	-0.0078	-0.0044	4.66E+05	1.051
5118.220	6197	0	37805	0.0112	-0.0078	-0.0044	4.50E+05	1.048
5119.220	6197	0	37821	0.0112	-0.0078	-0.0044	4.19E+05	1.049
5120.220	6197	0	37805	0.0112	-0.0078	-0.0044	4.07E+05	1.051
5121.220	6197	0	37805	0.0112	-0.0078	-0.0044	3.84E+05	1.050
5122.220	6199	0	37821	0.0112	-0.0078	-0.0044	3.46E+05	1.053
5123.220	6197	0	37821	0.0112	-0.0078	-0.0044	3.42E+05	1.055
5124.220	6197	0	37805	0.0112	-0.0078	-0.0044	3.55E+05	1.051
5125.220	6197	0	37805	0.0112	-0.0078	-0.0045	3.31E+05	1.049
5126.220	6197	0	37805	0.0112	-0.0078	-0.0045	3.27E+05	1.044
5127.220	6199	0	37805	0.0112	-0.0078	-0.0045	3.08E+05	1.043
5128.220	6196	0	37805	0.0112	-0.0079	-0.0045	3.02E+05	1.046
5129.220	6197	0	37821	0.0112	-0.0079	-0.0045	2.94E+05	1.048
5130.220	6198	0	37836	0.0112	-0.0079	-0.0045	2.85E+05	1.052
5131.220	6197	0	37805	0.0112	-0.0079	-0.0045	2.95E+05	1.051
5132.220	6198	0	37821	0.0113	-0.0079	-0.0045	2.74E+05	1.052
5133.220	6198	0	37789	0.0113	-0.0079	-0.0045	2.72E+05	1.050
5134.220	6198	0	37821	0.0113	-0.0079	-0.0045	2.70E+05	1.049
5135.220	6196	0	37805	0.0113	-0.0079	-0.0045	2.56E+05	1.044
5136.220	6195	0	37821	0.0113	-0.0079	-0.0045	2.51E+05	1.043
5137.220	6196	0	37821	0.0113	-0.0079	-0.0045	2.51E+05	1.046
5138.220	6196	0	37836	0.0113	-0.0079	-0.0045	2.73E+05	1.048
5139.220	6197	0	37805	0.0113	-0.0079	-0.0045	2.69E+05	1.048
5140.220	6196	0	37805	0.0113	-0.0079	-0.0045	2.80E+05	1.053
5141.220	6196	0	37836	0.0113	-0.0079	-0.0045	2.73E+05	1.052
5142.220	6198	0	37821	0.0113	-0.0079	-0.0045	2.80E+05	1.050
5143.220	6194	0	37821	0.0113	-0.0079	-0.0045	2.71E+05	1.054
5144.220	6197	0	37805	0.0113	-0.0079	-0.0046	2.90E+05	1.050
5145.220	6197	0	37836	0.0113	-0.0079	-0.0046	3.15E+05	1.048
5146.220	6197	0	37836	0.0113	-0.0079	-0.0046	3.31E+05	1.046
5147.220	6198	0	37805	0.0113	-0.0079	-0.0046	3.37E+05	1.045
5148.210	6195	0	37836	0.0113	-0.0080	-0.0046	3.59E+05	1.048
5149.210	6199	0	37852	0.0113	-0.0080	-0.0046	3.84E+05	1.046
5150.210	6197	0	37836	0.0113	-0.0080	-0.0046	3.85E+05	1.043
5151.210	6197	0	37852	0.0114	-0.0080	-0.0046	4.02E+05	1.047
5152.210	6197	0	37821	0.0113	-0.0080	-0.0046	4.07E+05	1.046
5153.210	6197	0	37836	0.0114	-0.0080	-0.0046	4.11E+05	1.046
5154.210	6196	0	37836	0.0114	-0.0080	-0.0046	4.13E+05	1.046
5155.210	6197	0	37852	0.0114	-0.0080	-0.0046	4.36E+05	1.045
5156.210	6199	0	37868	0.0114	-0.0080	-0.0046	4.56E+05	1.044
5157.210	6199	0	37836	0.0114	-0.0080	-0.0046	4.69E+05	1.051

5158.210	6196	0	37868	0.0114	-0.0080	-0.0046	4.68E+05	1.046
5159.210	6196	0	37868	0.0114	-0.0080	-0.0046	4.59E+05	1.042
5160.210	6196	0	37836	0.0114	-0.0080	-0.0046	4.69E+05	1.037
5161.210	6197	0	37852	0.0114	-0.0080	-0.0046	4.50E+05	1.038
5162.210	6196	0	37868	0.0114	-0.0080	-0.0047	4.51E+05	1.036
5163.210	6197	0	37883	0.0114	-0.0080	-0.0047	4.51E+05	1.036
5164.210	6198	0	37868	0.0114	-0.0080	-0.0047	4.63E+05	1.035
5165.210	6196	0	37883	0.0114	-0.0080	-0.0047	4.52E+05	1.033
5166.210	6198	0	37852	0.0114	-0.0080	-0.0047	4.41E+05	1.035
5167.210	6195	0	37868	0.0114	-0.0080	-0.0047	4.49E+05	1.036
5168.210	6196	0	37852	0.0114	-0.0081	-0.0047	4.47E+05	1.035
5169.210	6197	0	37899	0.0114	-0.0081	-0.0047	4.57E+05	1.031
5170.210	6198	0	37899	0.0114	-0.0081	-0.0047	4.58E+05	1.032
5171.210	6196	0	37899	0.0115	-0.0081	-0.0047	4.50E+05	1.034
5172.210	6197	0	37883	0.0115	-0.0081	-0.0047	4.39E+05	1.032
5173.210	6197	0	37899	0.0115	-0.0081	-0.0047	4.43E+05	1.038
5174.210	6196	0	37915	0.0115	-0.0081	-0.0047	4.44E+05	1.041
5175.210	6198	0	37883	0.0115	-0.0081	-0.0047	4.39E+05	1.036
5176.210	6195	0	37915	0.0115	-0.0081	-0.0047	4.28E+05	1.032
5177.210	6195	0	37899	0.0115	-0.0081	-0.0047	4.27E+05	1.026
5178.210	6196	0	37899	0.0115	-0.0081	-0.0047	4.15E+05	1.030
5179.210	6198	0	37899	0.0115	-0.0081	-0.0047	4.13E+05	1.030
5180.200	6196	0	37930	0.0115	-0.0081	-0.0047	4.08E+05	1.029
5181.200	6198	0	37915	0.0115	-0.0081	-0.0048	4.17E+05	1.031
5182.200	6196	0	37930	0.0115	-0.0081	-0.0048	4.22E+05	1.027
5183.200	6196	0	37899	0.0115	-0.0081	-0.0048	4.07E+05	1.031
5184.200	6195	0	37915	0.0115	-0.0081	-0.0048	4.29E+05	1.029
5185.200	6198	0	37930	0.0115	-0.0081	-0.0048	4.50E+05	1.028
5186.200	6196	0	37883	0.0115	-0.0082	-0.0048	4.45E+05	1.023
5187.200	6197	0	37915	0.0115	-0.0082	-0.0048	4.40E+05	1.024
5188.200	6198	0	37915	0.0115	-0.0082	-0.0048	4.39E+05	1.023
5189.200	6197	0	37930	0.0115	-0.0082	-0.0048	4.50E+05	1.022
5190.200	6197	0	37915	0.0115	-0.0082	-0.0048	4.53E+05	1.024
5191.200	6198	0	37915	0.0115	-0.0082	-0.0048	4.62E+05	1.026
5192.200	6199	0	37930	0.0116	-0.0082	-0.0048	4.59E+05	1.022
5193.200	6197	0	37930	0.0116	-0.0082	-0.0048	4.62E+05	1.020
5194.200	6197	0	37962	0.0116	-0.0082	-0.0048	4.48E+05	1.019
5195.200	6197	0	37962	0.0116	-0.0082	-0.0048	4.67E+05	1.019
5196.200	6196	0	37915	0.0116	-0.0082	-0.0048	4.83E+05	1.016
5197.200	6198	0	37915	0.0116	-0.0082	-0.0048	4.89E+05	1.011
5198.200	6197	0	37977	0.0116	-0.0082	-0.0049	5.14E+05	1.006
5199.200	6198	0	37946	0.0116	-0.0082	-0.0049	5.33E+05	1.009
5200.200	6199	0	37930	0.0116	-0.0082	-0.0048	5.48E+05	1.009
5201.200	6197	0	37930	0.0116	-0.0082	-0.0049	5.60E+05	1.010
5202.200	6196	0	37946	0.0116	-0.0082	-0.0049	5.78E+05	1.011
5203.200	6196	0	37946	0.0116	-0.0082	-0.0049	5.83E+05	1.008
5204.200	6197	0	37962	0.0116	-0.0082	-0.0049	5.97E+05	1.011
5205.200	6198	0	37962	0.0116	-0.0083	-0.0049	6.13E+05	1.009
5206.200	6198	0	37977	0.0116	-0.0083	-0.0049	6.31E+05	1.006
5207.200	6195	0	37962	0.0116	-0.0083	-0.0049	6.50E+05	1.007
5208.200	6196	0	37946	0.0116	-0.0083	-0.0049	6.81E+05	1.006
5209.200	6198	0	38009	0.0116	-0.0083	-0.0049	6.79E+05	1.006
5210.200	6198	0	38009	0.0116	-0.0083	-0.0049	7.09E+05	1.003
5211.190	6198	0	37993	0.0117	-0.0083	-0.0049	7.28E+05	1.002
5212.190	6198	0	37977	0.0117	-0.0083	-0.0049	7.36E+05	1.000
5213.190	6196	0	37977	0.0117	-0.0083	-0.0049	7.58E+05	1.004
5214.190	6197	0	37993	0.0117	-0.0083	-0.0049	7.54E+05	1.005
5215.190	6199	0	37993	0.0117	-0.0083	-0.0049	7.77E+05	1.008
5216.190	6197	0	37993	0.0117	-0.0083	-0.0049	7.96E+05	1.012
5217.190	6197	0	38009	0.0117	-0.0083	-0.0049	7.97E+05	1.015
5218.190	6196	0	38009	0.0117	-0.0083	-0.0049	7.99E+05	1.014
5219.190	6197	0	37993	0.0117	-0.0083	-0.0050	8.21E+05	1.017
5220.190	6196	0	38024	0.0117	-0.0083	-0.0050	8.41E+05	1.011
5221.190	6196	0	38024	0.0117	-0.0083	-0.0050	8.60E+05	1.009
5222.190	6199	0	38009	0.0117	-0.0083	-0.0050	8.64E+05	1.010
5223.190	6195	0	38071	0.0117	-0.0083	-0.0050	8.76E+05	1.009
5224.190	6197	0	38040	0.0117	-0.0083	-0.0050	8.97E+05	1.014
5225.190	6196	0	38024	0.0117	-0.0083	-0.0050	9.13E+05	1.020
5226.190	6197	0	38056	0.0117	-0.0084	-0.0050	9.25E+05	1.016
5227.190	6196	0	38040	0.0117	-0.0084	-0.0050	9.43E+05	1.015
5228.190	6197	0	38040	0.0117	-0.0084	-0.0050	9.46E+05	1.013
5229.190	6197	0	38056	0.0117	-0.0084	-0.0050	9.47E+05	1.014
5230.190	6199	0	38071	0.0117	-0.0084	-0.0050	9.58E+05	1.014
5231.190	6198	0	38056	0.0117	-0.0084	-0.0050	9.72E+05	1.017
5232.190	6195	0	38071	0.0117	-0.0084	-0.0050	9.92E+05	1.012
5233.190	6197	0	38087	0.0118	-0.0084	-0.0050	1.00E+06	1.010

				5234.190	6196	0	38056	0.0118	-0.0084	-0.0050	9.95E+05	1.012
				5235.190	6196	0	38118	0.0118	-0.0084	-0.0050	1.01E+06	1.010
				5236.190	6198	0	38087	0.0118	-0.0084	-0.0050	1.05E+06	1.011
				5237.190	6197	0	38118	0.0118	-0.0084	-0.0050	1.07E+06	1.013
				5238.190	6198	0	38118	0.0118	-0.0084	-0.0051	1.08E+06	1.013
				5239.190	6198	0	38071	0.0118	-0.0084	-0.0051	1.09E+06	1.011
				5240.190	6196	0	38118	0.0118	-0.0084	-0.0051	1.09E+06	1.010
				5241.190	6195	0	38134	0.0118	-0.0084	-0.0051	1.09E+06	1.014
				5242.190	6195	0	38103	0.0118	-0.0084	-0.0051	1.10E+06	1.012
				5243.180	6197	0	38103	0.0118	-0.0084	-0.0051	1.10E+06	1.016
				5244.180	6197	0	38150	0.0118	-0.0084	-0.0051	1.10E+06	1.016
				5245.180	6198	0	38134	0.0118	-0.0084	-0.0051	1.10E+06	1.017
				5246.180	6197	0	38134	0.0118	-0.0085	-0.0051	1.13E+06	1.022
				5247.180	6198	0	38150	0.0118	-0.0085	-0.0051	1.13E+06	1.017
				5248.180	6197	0	38165	0.0118	-0.0085	-0.0051	1.13E+06	1.014
				5249.180	6198	0	38150	0.0118	-0.0085	-0.0051	1.14E+06	1.011
				5250.180	6194	0	38165	0.0118	-0.0085	-0.0051	1.16E+06	1.015
				5251.180	6196	0	38197	0.0118	-0.0085	-0.0051	1.16E+06	1.015
				5252.180	6198	0	38212	0.0119	-0.0085	-0.0051	1.16E+06	1.017
				5253.180	6198	0	38181	0.0119	-0.0085	-0.0051	1.16E+06	1.017
				5254.180	6198	0	38181	0.0119	-0.0085	-0.0051	1.14E+06	1.011
				5255.180	6198	0	38197	0.0119	-0.0085	-0.0051	1.15E+06	1.011
				5256.180	6197	0	38212	0.0119	-0.0085	-0.0052	1.15E+06	1.005
				5257.180	6197	0	38228	0.0119	-0.0085	-0.0051	1.15E+06	1.006
				5258.180	6196	0	38228	0.0119	-0.0085	-0.0051	1.14E+06	1.008
				5259.180	6197	0	38212	0.0119	-0.0085	-0.0051	1.14E+06	1.005
				5260.180	6197	0	38212	0.0119	-0.0085	-0.0052	1.13E+06	1.002
				5261.180	6197	0	38259	0.0119	-0.0085	-0.0052	1.15E+06	1.002
				5262.180	6196	0	38259	0.0119	-0.0085	-0.0052	1.13E+06	0.999
				5263.180	6197	0	38259	0.0119	-0.0085	-0.0052	1.13E+06	0.994
				5264.180	6197	0	38259	0.0119	-0.0085	-0.0052	1.15E+06	0.996
				5265.180	6198	0	38259	0.0119	-0.0086	-0.0052	1.13E+06	0.996
				5266.180	6196	0	38244	0.0119	-0.0086	-0.0052	1.13E+06	0.996
				5267.180	6196	0	38275	0.0119	-0.0086	-0.0052	1.15E+06	1.003
				5268.180	6198	0	38259	0.0119	-0.0086	-0.0052	1.13E+06	1.002
				5269.180	6199	0	38275	0.0119	-0.0086	-0.0052	1.10E+06	0.995
				5270.180	6197	0	38291	0.0119	-0.0086	-0.0052	1.09E+06	0.996
				5271.180	6198	0	38322	0.0119	-0.0086	-0.0052	1.07E+06	0.993
				5272.180	6196	0	38291	0.0120	-0.0086	-0.0052	1.05E+06	0.991
				5273.170	6196	0	38322	0.0120	-0.0086	-0.0052	1.04E+06	0.991
				5274.170	6197	0	38306	0.0120	-0.0086	-0.0052	1.04E+06	0.988
				5275.170	6197	0	38338	0.0120	-0.0086	-0.0052	1.00E+06	0.986
				5276.170	6197	0	38322	0.0120	-0.0086	-0.0052	9.96E+05	0.992
				5277.170	6197	0	38322	0.0120	-0.0086	-0.0052	9.98E+05	0.991
				5278.170	6196	0	38338	0.0120	-0.0086	-0.0053	9.91E+05	0.992
				5279.170	6195	0	38306	0.0120	-0.0086	-0.0052	9.72E+05	0.993
				5280.170	6198	0	38369	0.0120	-0.0086	-0.0053	9.62E+05	0.992
				5281.170	6199	0	38369	0.0120	-0.0086	-0.0053	9.47E+05	0.993
				5282.170	6197	0	38353	0.0120	-0.0086	-0.0053	9.50E+05	0.995
				5283.170	6197	0	38338	0.0120	-0.0086	-0.0053	9.39E+05	0.987
				5284.170	6196	0	38369	0.0120	-0.0086	-0.0053	9.38E+05	0.986
				5285.170	6196	0	38385	0.0120	-0.0087	-0.0053	9.11E+05	0.983
				5286.170	6196	0	38385	0.0120	-0.0087	-0.0053	9.00E+05	0.981
				5287.170	6198	0	38353	0.0120	-0.0087	-0.0053	9.15E+05	0.981
				5288.170	6198	0	38385	0.0120	-0.0087	-0.0053	9.14E+05	0.985
				5289.170	6197	0	38416	0.0120	-0.0087	-0.0053	9.11E+05	0.983
				5290.170	6197	0	38400	0.0120	-0.0087	-0.0053	9.07E+05	0.984
				5291.170	6198	0	38400	0.0121	-0.0087	-0.0053	8.99E+05	0.984
				5292.170	6196	0	38432	0.0120	-0.0087	-0.0053	8.91E+05	0.983
				5293.170	6197	0	38400	0.0121	-0.0087	-0.0053	8.90E+05	0.979
				5294.170	6196	0	38400	0.0121	-0.0087	-0.0053	8.82E+05	0.982
				5295.170	6198	0	38400	0.0121	-0.0087	-0.0053	8.91E+05	0.984
				5296.170	6197	0	38400	0.0121	-0.0087	-0.0053	9.00E+05	0.984
				5297.170	6197	0	38416	0.0121	-0.0087	-0.0053	9.15E+05	0.987
				5298.170	6196	0	38432	0.0121	-0.0087	-0.0054	9.21E+05	0.984
				5299.170	6197	0	38432	0.0121	-0.0087	-0.0054	9.26E+05	0.979
				5300.170	6197	0	38400	0.0121	-0.0087	-0.0054	9.27E+05	0.982
				5301.170	6196	0	38432	0.0121	-0.0087	-0.0054	9.47E+05	0.987
				5302.170	6197	0	38447	0.0121	-0.0087	-0.0054	9.44E+05	0.988
				5303.170	6196	0	38416	0.0121	-0.0087	-0.0054	9.53E+05	0.991
				5304.170	6197	0	38432	0.0121	-0.0087	-0.0054	9.64E+05	0.993
				5305.160	6197	0	38463	0.0121	-0.0088	-0.0054	9.55E+05	0.992
				5306.160	6197	0	38447	0.0121	-0.0088	-0.0054	9.62E+05	0.990
				5307.160	6198	0	38479	0.0121	-0.0088	-0.0054	9.71E+05	0.988
				5308.160	6197	0	38463	0.0121	-0.0088	-0.0054	9.87E+05	0.990
				5309.160	6197	0	38479	0.0121	-0.0088	-0.0054	9.94E+05	0.995

5310.160	6196	0	38447	0.0121	-0.0088	-0.0054	1.02E+06	0.996
5311.160	6198	0	38494	0.0121	-0.0088	-0.0054	1.04E+06	0.993
5312.160	6197	0	38510	0.0121	-0.0088	-0.0054	1.07E+06	0.996
5313.160	6198	0	38479	0.0122	-0.0088	-0.0054	1.06E+06	0.990
5314.160	6197	0	38494	0.0122	-0.0088	-0.0054	1.05E+06	0.985
5315.160	6197	0	38494	0.0122	-0.0088	-0.0054	1.07E+06	0.987
5316.160	6197	0	38494	0.0122	-0.0088	-0.0054	1.08E+06	0.985
5317.160	6198	0	38526	0.0122	-0.0088	-0.0054	1.10E+06	0.983
5318.160	6198	0	38526	0.0122	-0.0088	-0.0054	1.14E+06	0.994
5319.160	6196	0	38526	0.0122	-0.0088	-0.0054	1.15E+06	0.993
5320.160	6198	0	38557	0.0122	-0.0088	-0.0055	1.15E+06	0.992
5321.160	6198	0	38557	0.0122	-0.0088	-0.0055	1.16E+06	0.992
5322.160	6198	0	38541	0.0122	-0.0088	-0.0055	1.16E+06	0.990
5323.160	6199	0	38572	0.0122	-0.0088	-0.0055	1.17E+06	0.989
5324.160	6197	0	38557	0.0122	-0.0088	-0.0055	1.18E+06	0.987
5325.160	6197	0	38557	0.0122	-0.0088	-0.0055	1.19E+06	0.983
5326.160	6197	0	38572	0.0122	-0.0089	-0.0055	1.18E+06	0.983
5327.160	6198	0	38557	0.0122	-0.0089	-0.0055	1.20E+06	0.980
5328.160	6195	0	38588	0.0122	-0.0089	-0.0055	1.20E+06	0.976
5329.160	6197	0	38588	0.0122	-0.0089	-0.0055	1.21E+06	0.975
5330.160	6197	0	38588	0.0122	-0.0089	-0.0055	1.22E+06	0.973
5331.160	6196	0	38572	0.0122	-0.0089	-0.0055	1.23E+06	0.973
5332.160	6197	0	38588	0.0122	-0.0089	-0.0055	1.24E+06	0.974
5333.160	6196	0	38619	0.0123	-0.0089	-0.0055	1.25E+06	0.975
5334.160	6198	0	38619	0.0122	-0.0089	-0.0055	1.23E+06	0.969
5335.160	6195	0	38635	0.0123	-0.0089	-0.0055	1.26E+06	0.968
5336.150	6196	0	38651	0.0123	-0.0089	-0.0055	1.25E+06	0.965
5337.150	6197	0	38651	0.0123	-0.0089	-0.0055	1.26E+06	0.965
5338.150	6199	0	38635	0.0123	-0.0089	-0.0055	1.28E+06	0.969
5339.150	6199	0	38604	0.0123	-0.0089	-0.0055	1.28E+06	0.970
5340.150	6196	0	38651	0.0123	-0.0089	-0.0056	1.28E+06	0.966
5341.150	6196	0	38651	0.0123	-0.0089	-0.0056	1.25E+06	0.963
5342.150	6196	0	38682	0.0123	-0.0089	-0.0056	1.25E+06	0.964
5343.150	6198	0	38666	0.0123	-0.0089	-0.0056	1.25E+06	0.962
5344.150	6198	0	38666	0.0123	-0.0089	-0.0056	1.25E+06	0.960
5345.150	6199	0	38682	0.0123	-0.0089	-0.0056	1.24E+06	0.959
5346.150	6197	0	38698	0.0123	-0.0090	-0.0056	1.24E+06	0.957
5347.150	6198	0	38698	0.0123	-0.0090	-0.0056	1.24E+06	0.955
5348.150	6197	0	38713	0.0123	-0.0090	-0.0056	1.23E+06	0.957
5349.150	6196	0	38698	0.0123	-0.0090	-0.0056	1.23E+06	0.954
5350.150	6195	0	38729	0.0123	-0.0090	-0.0056	1.23E+06	0.956
5351.150	6197	0	38713	0.0123	-0.0090	-0.0056	1.23E+06	0.959
5352.150	6197	0	38760	0.0124	-0.0090	-0.0056	1.21E+06	0.957
5353.150	6197	0	38729	0.0124	-0.0090	-0.0056	1.20E+06	0.956
5354.150	6197	0	38776	0.0124	-0.0090	-0.0056	1.20E+06	0.959
5355.150	6198	0	38776	0.0124	-0.0090	-0.0056	1.17E+06	0.959
5356.150	6197	0	38776	0.0124	-0.0090	-0.0056	1.16E+06	0.964
5357.150	6197	0	38776	0.0124	-0.0090	-0.0056	1.14E+06	0.964
5358.150	6194	0	38776	0.0124	-0.0090	-0.0057	1.13E+06	0.964
5359.150	6199	0	38760	0.0124	-0.0090	-0.0056	1.11E+06	0.963
5360.150	6197	0	38839	0.0124	-0.0090	-0.0057	1.10E+06	0.966
5361.150	6198	0	38823	0.0124	-0.0090	-0.0057	1.09E+06	0.967
5362.150	6197	0	38807	0.0124	-0.0090	-0.0057	1.08E+06	0.971
5363.150	6197	0	38823	0.0124	-0.0090	-0.0057	1.07E+06	0.973
5364.150	6197	0	38823	0.0124	-0.0090	-0.0057	1.05E+06	0.970
5365.150	6196	0	38839	0.0124	-0.0091	-0.0057	1.01E+06	0.970
5366.150	6198	0	38792	0.0124	-0.0091	-0.0057	9.99E+05	0.972
5367.150	6197	0	38854	0.0124	-0.0091	-0.0057	9.69E+05	0.969
5368.140	6195	0	38839	0.0125	-0.0091	-0.0057	9.69E+05	0.975
5369.140	6197	0	38854	0.0124	-0.0091	-0.0057	9.52E+05	0.983
5370.140	6196	0	38854	0.0124	-0.0091	-0.0057	9.15E+05	0.981
5371.140	6198	0	38854	0.0125	-0.0091	-0.0057	8.97E+05	0.981
5372.140	6198	0	38854	0.0125	-0.0091	-0.0057	8.95E+05	0.982
5373.140	6196	0	38870	0.0125	-0.0091	-0.0057	8.67E+05	0.982
5374.140	6198	0	38870	0.0125	-0.0091	-0.0057	8.61E+05	0.988
5375.140	6198	0	38886	0.0125	-0.0091	-0.0057	8.37E+05	0.985
5376.140	6198	0	38886	0.0125	-0.0091	-0.0057	8.28E+05	0.982
5377.140	6198	0	38870	0.0125	-0.0091	-0.0057	8.10E+05	0.982
5378.140	6197	0	38901	0.0125	-0.0091	-0.0057	8.06E+05	0.977
5379.140	6195	0	38901	0.0125	-0.0091	-0.0058	7.78E+05	0.973
5380.140	6198	0	38870	0.0125	-0.0091	-0.0058	7.84E+05	0.976
5381.140	6198	0	38886	0.0125	-0.0091	-0.0058	7.84E+05	0.973
5382.140	6197	0	38886	0.0125	-0.0091	-0.0058	7.71E+05	0.969
5383.140	6198	0	38933	0.0125	-0.0091	-0.0058	7.66E+05	0.971
5384.140	6196	0	38901	0.0125	-0.0092	-0.0058	7.63E+05	0.975
5385.140	6196	0	38901	0.0125	-0.0092	-0.0058	7.47E+05	0.974

				5386.140	6199	0	38901	0.0125	-0.0092	-0.0058	7.57E+05	0.975
				5387.140	6196	0	38886	0.0125	-0.0092	-0.0058	7.57E+05	0.975
				5388.140	6197	0	38917	0.0125	-0.0092	-0.0058	7.52E+05	0.975
				5389.140	6197	0	38933	0.0126	-0.0092	-0.0058	7.54E+05	0.979
				5390.140	6198	0	38917	0.0126	-0.0092	-0.0058	7.65E+05	0.977
				5391.140	6198	0	38933	0.0126	-0.0092	-0.0058	7.64E+05	0.976
				5392.140	6197	0	38917	0.0126	-0.0092	-0.0058	7.54E+05	0.978
				5393.140	6196	0	38948	0.0126	-0.0092	-0.0058	7.60E+05	0.977
				5394.140	6198	0	38933	0.0126	-0.0092	-0.0058	7.52E+05	0.973
				5395.140	6197	0	38917	0.0126	-0.0092	-0.0058	7.60E+05	0.974
				5396.140	6198	0	38948	0.0126	-0.0092	-0.0058	7.79E+05	0.974
				5397.140	6199	0	38980	0.0126	-0.0092	-0.0058	7.83E+05	0.970
				5398.130	6197	0	38933	0.0126	-0.0092	-0.0058	7.84E+05	0.969
				5399.130	6197	0	38964	0.0126	-0.0092	-0.0059	7.85E+05	0.972
				5400.130	6197	0	38964	0.0126	-0.0092	-0.0058	7.83E+05	0.966
				5401.130	6197	0	38980	0.0126	-0.0092	-0.0059	8.02E+05	0.971
				5402.130	6199	0	38980	0.0126	-0.0092	-0.0059	8.13E+05	0.969
				5403.130	6197	0	38980	0.0126	-0.0092	-0.0059	8.00E+05	0.964
				5404.130	6197	0	38964	0.0126	-0.0092	-0.0059	8.03E+05	0.965
				5405.130	6197	0	38995	0.0126	-0.0093	-0.0059	8.18E+05	0.965
				5406.130	6198	0	38995	0.0126	-0.0093	-0.0059	8.17E+05	0.959
				5407.130	6198	0	38980	0.0126	-0.0093	-0.0059	8.17E+05	0.961
				5408.130	6195	0	38995	0.0126	-0.0093	-0.0059	8.13E+05	0.962
				5409.130	6197	0	39011	0.0126	-0.0093	-0.0059	8.27E+05	0.962
				5410.130	6198	0	39011	0.0127	-0.0093	-0.0059	8.36E+05	0.960
				5411.130	6196	0	38995	0.0127	-0.0093	-0.0059	8.31E+05	0.963
				5412.130	6198	0	38995	0.0127	-0.0093	-0.0059	8.15E+05	0.960
				5413.130	6198	0	39011	0.0127	-0.0093	-0.0059	7.92E+05	0.961
				5414.130	6196	0	39011	0.0127	-0.0093	-0.0059	7.93E+05	0.967
				5415.130	6197	0	39042	0.0127	-0.0093	-0.0059	8.16E+05	0.971
				5416.130	6197	0	39011	0.0127	-0.0093	-0.0059	8.05E+05	0.972
				5417.130	6196	0	39042	0.0127	-0.0093	-0.0059	8.05E+05	0.974
				5418.130	6197	0	39027	0.0127	-0.0093	-0.0059	7.96E+05	0.968
				5419.130	6195	0	39027	0.0127	-0.0093	-0.0059	8.23E+05	0.974
				5420.130	6198	0	39042	0.0127	-0.0093	-0.0059	8.11E+05	0.976
				5421.130	6196	0	39074	0.0127	-0.0093	-0.0059	8.10E+05	0.977
				5422.130	6197	0	39058	0.0127	-0.0093	-0.0059	8.17E+05	0.975
				5423.130	6197	0	39058	0.0127	-0.0093	-0.0060	8.43E+05	0.975
				5424.130	6198	0	39042	0.0127	-0.0093	-0.0060	8.26E+05	0.973
				5425.130	6196	0	39058	0.0127	-0.0093	-0.0060	8.42E+05	0.977
				5426.130	6200	0	39074	0.0127	-0.0093	-0.0060	8.48E+05	0.975
				5427.130	6198	0	39074	0.0127	-0.0094	-0.0060	8.49E+05	0.973
				5428.130	6198	0	39058	0.0127	-0.0094	-0.0060	8.51E+05	0.975
				5429.130	6197	0	39058	0.0127	-0.0094	-0.0060	8.50E+05	0.978
				5430.120	6195	0	39089	0.0127	-0.0094	-0.0060	8.55E+05	0.974
				5431.120	6198	0	39105	0.0128	-0.0094	-0.0060	8.53E+05	0.971
				5432.120	6197	0	39089	0.0128	-0.0094	-0.0060	8.60E+05	0.970
				5433.120	6198	0	39089	0.0128	-0.0094	-0.0060	8.59E+05	0.974
				5434.120	6196	0	39089	0.0128	-0.0094	-0.0060	8.68E+05	0.978
				5435.120	6197	0	39121	0.0128	-0.0094	-0.0060	8.79E+05	0.978
				5436.120	6199	0	39089	0.0128	-0.0094	-0.0060	8.79E+05	0.972
				5437.120	6197	0	39089	0.0128	-0.0094	-0.0060	8.82E+05	0.974
				5438.120	6197	0	39089	0.0128	-0.0094	-0.0060	8.79E+05	0.974
				5439.120	6196	0	39105	0.0128	-0.0094	-0.0060	8.83E+05	0.978
				5440.120	6196	0	39152	0.0128	-0.0094	-0.0060	8.83E+05	0.983
				5441.120	6196	0	39105	0.0128	-0.0094	-0.0060	8.96E+05	0.981
				5442.120	6197	0	39121	0.0128	-0.0094	-0.0060	8.96E+05	0.976
				5443.120	6198	0	39136	0.0128	-0.0094	-0.0060	9.03E+05	0.983
				5444.120	6196	0	39168	0.0128	-0.0094	-0.0060	9.12E+05	0.982
				5445.120	6198	0	39121	0.0128	-0.0094	-0.0061	9.19E+05	0.984
				5446.120	6196	0	39168	0.0128	-0.0094	-0.0061	9.34E+05	0.985
				5447.120	6195	0	39168	0.0128	-0.0094	-0.0061	9.58E+05	0.982
				5448.120	6199	0	39183	0.0128	-0.0095	-0.0061	9.68E+05	0.978
				5449.120	6198	0	39152	0.0128	-0.0095	-0.0061	9.77E+05	0.976
				5450.120	6197	0	39183	0.0128	-0.0095	-0.0061	9.76E+05	0.978
				5451.120	6198	0	39183	0.0129	-0.0095	-0.0061	9.72E+05	0.980
				5452.120	6197	0	39168	0.0129	-0.0095	-0.0061	9.84E+05	0.981
				5453.120	6196	0	39168	0.0129	-0.0095	-0.0061	9.86E+05	0.976
				5454.120	6197	0	39168	0.0129	-0.0095	-0.0061	9.79E+05	0.976
				5455.120	6199	0	39215	0.0129	-0.0095	-0.0061	9.94E+05	0.980
				5456.120	6198	0	39183	0.0129	-0.0095	-0.0061	1.00E+06	0.979
				5457.120	6197	0	39199	0.0129	-0.0095	-0.0061	1.01E+06	0.983
				5458.120	6197	0	39199	0.0129	-0.0095	-0.0061	1.02E+06	0.982
				5459.120	6196	0	39215	0.0129	-0.0095	-0.0061	1.02E+06	0.984
				5460.120	6197	0	39215	0.0129	-0.0095	-0.0061	1.02E+06	0.986
				5461.110	6198	0	39215	0.0129	-0.0095	-0.0061	1.02E+06	0.986

				5462.110	6198	0	39230	0.0129	-0.0095	-0.0061	1.02E+06	0.993
				5463.110	6197	0	39230	0.0129	-0.0095	-0.0061	1.00E+06	0.991
				5464.110	6197	0	39230	0.0129	-0.0095	-0.0062	9.65E+05	0.989
				5465.110	6198	0	39230	0.0129	-0.0095	-0.0062	9.67E+05	0.995
				5466.110	6197	0	39246	0.0129	-0.0095	-0.0062	9.93E+05	0.998
				5467.110	6196	0	39262	0.0129	-0.0095	-0.0062	9.80E+05	0.997
				5468.110	6198	0	39230	0.0129	-0.0095	-0.0062	9.63E+05	0.999
				5469.110	6198	0	39277	0.0129	-0.0096	-0.0062	9.54E+05	0.997
				5470.110	6197	0	39277	0.0129	-0.0096	-0.0062	9.64E+05	0.997
				5471.110	6197	0	39293	0.0129	-0.0096	-0.0062	9.48E+05	0.997
				5472.110	6197	0	39293	0.0130	-0.0096	-0.0062	9.50E+05	0.996
				5473.110	6199	0	39293	0.0130	-0.0096	-0.0062	9.48E+05	0.996
				5474.110	6196	0	39293	0.0130	-0.0096	-0.0062	9.68E+05	1.000
				5475.110	6197	0	39293	0.0130	-0.0096	-0.0062	9.64E+05	1.000
				5476.110	6197	0	39277	0.0130	-0.0096	-0.0062	9.61E+05	1.005
				5477.110	6196	0	39309	0.0130	-0.0096	-0.0062	9.66E+05	1.008
				5478.110	6199	0	39309	0.0130	-0.0096	-0.0062	9.54E+05	1.005
				5479.110	6198	0	39309	0.0130	-0.0096	-0.0062	9.47E+05	1.005
				5480.110	6197	0	39356	0.0130	-0.0096	-0.0062	9.30E+05	1.009
				5481.110	6197	0	39324	0.0130	-0.0096	-0.0062	9.42E+05	1.007
				5482.110	6194	0	39324	0.0130	-0.0096	-0.0063	9.31E+05	1.000
				5483.110	6196	0	39340	0.0130	-0.0096	-0.0062	9.20E+05	0.998
				5484.110	6198	0	39340	0.0130	-0.0096	-0.0063	9.20E+05	1.006
				5485.110	6198	0	39340	0.0130	-0.0096	-0.0063	9.11E+05	1.008
				5486.110	6196	0	39324	0.0130	-0.0096	-0.0063	9.02E+05	1.006
				5487.110	6196	0	39356	0.0130	-0.0096	-0.0063	8.80E+05	1.001
				5488.110	6195	0	39340	0.0130	-0.0096	-0.0063	8.82E+05	1.006
				5489.110	6196	0	39309	0.0130	-0.0097	-0.0063	8.65E+05	1.001
				5490.110	6199	0	39371	0.0130	-0.0097	-0.0063	8.56E+05	1.003
				5491.100	6196	0	39387	0.0131	-0.0097	-0.0063	8.36E+05	1.003
				5492.100	6198	0	39371	0.0131	-0.0097	-0.0063	8.24E+05	1.008
				5493.100	6197	0	39356	0.0131	-0.0097	-0.0063	8.32E+05	1.009
				5494.100	6195	0	39371	0.0131	-0.0097	-0.0063	8.22E+05	1.009
				5495.100	6197	0	39387	0.0131	-0.0097	-0.0063	8.26E+05	1.009
				5496.100	6196	0	39387	0.0131	-0.0097	-0.0063	8.19E+05	1.007
				5497.100	6198	0	39387	0.0131	-0.0097	-0.0063	8.12E+05	1.001
				5498.100	6195	0	39387	0.0131	-0.0097	-0.0063	8.11E+05	1.003
				5499.100	6199	0	39418	0.0131	-0.0097	-0.0063	8.01E+05	0.998
				5500.100	6197	0	39418	0.0131	-0.0097	-0.0063	7.91E+05	0.997
				5501.100	6196	0	39387	0.0131	-0.0097	-0.0063	7.69E+05	0.994
				5502.100	6197	0	39418	0.0131	-0.0097	-0.0064	7.72E+05	0.993
				5503.100	6196	0	39418	0.0131	-0.0097	-0.0063	7.62E+05	0.991
				5504.100	6197	0	39434	0.0131	-0.0097	-0.0063	7.56E+05	0.987
				5505.100	6197	0	39418	0.0131	-0.0097	-0.0064	7.44E+05	0.991
				5506.100	6198	0	39450	0.0131	-0.0097	-0.0064	7.56E+05	0.992
				5507.100	6196	0	39450	0.0131	-0.0097	-0.0064	7.49E+05	0.991
				5508.100	6196	0	39434	0.0131	-0.0098	-0.0064	7.44E+05	0.998
				5509.100	6199	0	39450	0.0131	-0.0098	-0.0064	7.44E+05	0.996
				5510.100	6198	0	39434	0.0131	-0.0098	-0.0064	7.52E+05	0.999
				5511.100	6198	0	39450	0.0132	-0.0098	-0.0064	7.49E+05	1.002
				5512.100	6195	0	39434	0.0132	-0.0098	-0.0064	7.40E+05	1.004
				5513.100	6199	0	39465	0.0131	-0.0098	-0.0064	7.44E+05	1.007
				5514.100	6195	0	39450	0.0132	-0.0098	-0.0064	7.36E+05	1.009
				5515.100	6197	0	39465	0.0132	-0.0098	-0.0064	7.07E+05	1.007
				5516.100	6195	0	39450	0.0132	-0.0098	-0.0064	7.10E+05	1.015
				5517.100	6198	0	39450	0.0132	-0.0098	-0.0064	7.14E+05	1.018
				5518.100	6195	0	39496	0.0132	-0.0098	-0.0064	7.03E+05	1.023
				5519.100	6198	0	39496	0.0132	-0.0098	-0.0064	7.00E+05	1.027
				5520.100	6197	0	39496	0.0132	-0.0098	-0.0064	6.97E+05	1.024
				5521.100	6198	0	39481	0.0132	-0.0098	-0.0064	6.91E+05	1.025
				5522.100	6198	0	39481	0.0132	-0.0098	-0.0064	6.87E+05	1.031
				5523.090	6196	0	39481	0.0132	-0.0098	-0.0065	6.83E+05	1.031
				5524.090	6197	0	39481	0.0132	-0.0098	-0.0064	6.70E+05	1.032
				5525.090	6196	0	39481	0.0132	-0.0098	-0.0065	6.83E+05	1.037
				5526.090	6196	0	39465	0.0132	-0.0098	-0.0065	6.92E+05	1.037
				5527.090	6197	0	39543	0.0132	-0.0098	-0.0065	6.83E+05	1.040
				5528.090	6195	0	39496	0.0132	-0.0099	-0.0065	7.05E+05	1.051
				5529.090	6197	0	39512	0.0132	-0.0099	-0.0065	7.02E+05	1.052
				5530.090	6197	0	39496	0.0132	-0.0099	-0.0065	7.09E+05	1.049
				5531.090	6195	0	39512	0.0132	-0.0099	-0.0065	7.12E+05	1.044
				5532.090	6198	0	39512	0.0132	-0.0099	-0.0065	7.17E+05	1.038
				5533.090	6197	0	39512	0.0133	-0.0099	-0.0065	7.36E+05	1.034
				5534.090	6198	0	39528	0.0133	-0.0099	-0.0065	7.47E+05	1.034
				5535.090	6197	0	39543	0.0133	-0.0099	-0.0065	7.59E+05	1.042
				5536.090	6198	0	39528	0.0133	-0.0099	-0.0065	7.52E+05	1.037
				5537.090	6197	0	39543	0.0133	-0.0099	-0.0065	7.49E+05	1.031

5538.090	6198	0	39543	0.0133	-0.0099	-0.0065	7.44E+05	1.028
5539.090	6196	0	39543	0.0133	-0.0099	-0.0065	7.56E+05	1.033
5540.090	6198	0	39543	0.0133	-0.0099	-0.0065	7.46E+05	1.033
5541.090	6197	0	39543	0.0133	-0.0099	-0.0066	7.53E+05	1.032
5542.090	6196	0	39543	0.0133	-0.0099	-0.0066	7.43E+05	1.031
5543.090	6197	0	39528	0.0133	-0.0099	-0.0066	7.48E+05	1.036
5544.090	6198	0	39575	0.0133	-0.0099	-0.0066	7.62E+05	1.037
5545.090	6196	0	39575	0.0133	-0.0099	-0.0066	7.70E+05	1.034
5546.090	6196	0	39559	0.0133	-0.0099	-0.0066	7.88E+05	1.039
5547.090	6197	0	39559	0.0133	-0.0100	-0.0066	7.88E+05	1.036
5548.090	6197	0	39575	0.0133	-0.0100	-0.0066	7.78E+05	1.032
5549.090	6197	0	39559	0.0133	-0.0100	-0.0066	7.93E+05	1.038
5550.090	6197	0	39590	0.0133	-0.0100	-0.0066	8.05E+05	1.032
5551.090	6198	0	39590	0.0133	-0.0100	-0.0066	8.01E+05	1.032
5552.090	6199	0	39590	0.0134	-0.0100	-0.0066	7.86E+05	1.032
5553.090	6196	0	39622	0.0133	-0.0100	-0.0066	8.08E+05	1.031
5554.080	6195	0	39590	0.0134	-0.0100	-0.0066	8.03E+05	1.026
5555.080	6196	0	39606	0.0134	-0.0100	-0.0066	8.06E+05	1.025
5556.080	6195	0	39622	0.0134	-0.0100	-0.0066	7.94E+05	1.022
5557.080	6196	0	39606	0.0134	-0.0100	-0.0066	7.94E+05	1.018
5558.080	6197	0	39637	0.0134	-0.0100	-0.0066	8.03E+05	1.022
5559.080	6197	0	39637	0.0134	-0.0100	-0.0066	8.05E+05	1.021
5560.080	6195	0	39622	0.0134	-0.0100	-0.0067	8.01E+05	1.019
5561.080	6198	0	39622	0.0134	-0.0100	-0.0066	8.12E+05	1.021
5562.080	6198	0	39622	0.0134	-0.0100	-0.0066	8.08E+05	1.018
5563.080	6198	0	39637	0.0134	-0.0100	-0.0067	8.00E+05	1.015
5564.080	6197	0	39637	0.0134	-0.0100	-0.0067	8.16E+05	1.020
5565.080	6197	0	39622	0.0134	-0.0100	-0.0067	8.14E+05	1.022
5566.080	6197	0	39653	0.0134	-0.0100	-0.0067	7.96E+05	1.020
5567.080	6197	0	39637	0.0134	-0.0101	-0.0067	7.96E+05	1.027
5568.080	6196	0	39669	0.0134	-0.0101	-0.0067	7.96E+05	1.029
5569.080	6197	0	39653	0.0134	-0.0101	-0.0067	8.00E+05	1.033
5570.080	6197	0	39653	0.0134	-0.0101	-0.0067	8.01E+05	1.038
5571.080	6196	0	39669	0.0134	-0.0101	-0.0067	7.99E+05	1.035
5572.080	6199	0	39669	0.0134	-0.0101	-0.0067	7.97E+05	1.035
5573.080	6196	0	39653	0.0134	-0.0101	-0.0067	8.09E+05	1.043
5574.080	6197	0	39700	0.0135	-0.0101	-0.0067	8.19E+05	1.041
5575.080	6196	0	39716	0.0135	-0.0101	-0.0067	8.15E+05	1.047
5576.080	6197	0	39684	0.0135	-0.0101	-0.0067	8.28E+05	1.052
5577.080	6197	0	39684	0.0135	-0.0101	-0.0067	8.34E+05	1.055
5578.080	6199	0	39700	0.0135	-0.0101	-0.0067	8.15E+05	1.055
5579.080	6197	0	39700	0.0135	-0.0101	-0.0067	8.32E+05	1.060
5580.080	6197	0	39700	0.0135	-0.0101	-0.0068	8.35E+05	1.060
5581.080	6197	0	39700	0.0135	-0.0101	-0.0067	8.42E+05	1.063
5582.080	6197	0	39716	0.0135	-0.0101	-0.0068	8.51E+05	1.066
5583.080	6196	0	39731	0.0135	-0.0101	-0.0068	8.39E+05	1.063
5584.080	6197	0	39731	0.0135	-0.0101	-0.0068	8.38E+05	1.063
5585.080	6198	0	39716	0.0135	-0.0101	-0.0068	8.59E+05	1.067
5586.070	6199	0	39731	0.0135	-0.0102	-0.0068	8.65E+05	1.074
5587.070	6198	0	39731	0.0135	-0.0102	-0.0068	8.65E+05	1.076
5588.070	6197	0	39716	0.0135	-0.0102	-0.0068	8.66E+05	1.078
5589.070	6197	0	39763	0.0135	-0.0102	-0.0068	8.78E+05	1.079
5590.070	6194	0	39731	0.0135	-0.0102	-0.0068	8.70E+05	1.079
5591.070	6197	0	39716	0.0135	-0.0102	-0.0068	8.57E+05	1.087
5592.070	6196	0	39747	0.0135	-0.0102	-0.0068	8.49E+05	1.086
5593.070	6198	0	39763	0.0136	-0.0102	-0.0068	8.23E+05	1.088
5594.070	6196	0	39794	0.0136	-0.0102	-0.0068	8.19E+05	1.092
5595.070	6196	0	39747	0.0136	-0.0102	-0.0068	7.99E+05	1.088
5596.070	6196	0	39763	0.0136	-0.0102	-0.0068	7.91E+05	1.085
5597.070	6196	0	39778	0.0136	-0.0102	-0.0069	7.86E+05	1.092
5598.070	6195	0	39810	0.0136	-0.0102	-0.0069	7.68E+05	1.086
5599.070	6197	0	39810	0.0136	-0.0102	-0.0069	7.53E+05	1.091
5600.070	6198	0	39794	0.0136	-0.0102	-0.0069	7.59E+05	1.097
5601.070	6197	0	39810	0.0136	-0.0102	-0.0069	7.70E+05	1.096
5602.070	6197	0	39810	0.0136	-0.0102	-0.0069	7.40E+05	1.099
5603.070	6197	0	39763	0.0136	-0.0102	-0.0069	7.25E+05	1.098
5604.070	6196	0	39810	0.0136	-0.0102	-0.0069	7.07E+05	1.099
5605.070	6198	0	39825	0.0136	-0.0103	-0.0069	6.94E+05	1.099
5606.070	6196	0	39825	0.0136	-0.0103	-0.0069	6.94E+05	1.104
5607.070	6197	0	39825	0.0136	-0.0103	-0.0069	6.68E+05	1.104
5608.070	6198	0	39810	0.0136	-0.0103	-0.0069	6.57E+05	1.100
5609.070	6199	0	39810	0.0136	-0.0103	-0.0069	6.35E+05	1.097
5610.070	6197	0	39857	0.0136	-0.0103	-0.0069	6.35E+05	1.096
5611.070	6198	0	39841	0.0136	-0.0103	-0.0069	6.10E+05	1.094
5612.070	6198	0	39841	0.0136	-0.0103	-0.0069	6.13E+05	1.096
5613.070	6197	0	39857	0.0136	-0.0103	-0.0070	6.04E+05	1.095

				5614.070	6196	0	39872	0.0136	-0.0103	-0.0070	5.92E+05	1.092
				5615.070	6197	0	39841	0.0137	-0.0103	-0.0070	5.94E+05	1.098
				5616.060	6197	0	39841	0.0137	-0.0103	-0.0070	5.73E+05	1.092
				5617.060	6197	0	39841	0.0137	-0.0103	-0.0070	5.59E+05	1.093
				5618.060	6197	0	39825	0.0137	-0.0103	-0.0070	5.42E+05	1.096
				5619.060	6197	0	39841	0.0137	-0.0103	-0.0070	5.28E+05	1.094
				5620.060	6195	0	39841	0.0137	-0.0103	-0.0070	5.25E+05	1.090
				5621.060	6198	0	39872	0.0137	-0.0103	-0.0070	5.06E+05	1.089
				5622.060	6198	0	39857	0.0137	-0.0104	-0.0070	4.90E+05	1.083
				5623.060	6196	0	39857	0.0137	-0.0104	-0.0070	4.82E+05	1.086
				5624.060	6195	0	39872	0.0137	-0.0104	-0.0070	4.95E+05	1.092
				5625.060	6197	0	39872	0.0137	-0.0104	-0.0070	5.08E+05	1.087
				5626.060	6197	0	39888	0.0137	-0.0104	-0.0070	5.19E+05	1.086
				5627.060	6198	0	39825	0.0137	-0.0104	-0.0070	5.21E+05	1.085
				5628.060	6196	0	39872	0.0137	-0.0104	-0.0070	5.19E+05	1.085
				5629.060	6197	0	39857	0.0137	-0.0104	-0.0070	4.97E+05	1.089
				5630.060	6196	0	39872	0.0137	-0.0104	-0.0071	4.99E+05	1.091
				5631.060	6197	0	39904	0.0137	-0.0104	-0.0071	5.04E+05	1.089
				5632.060	6195	0	39857	0.0137	-0.0104	-0.0071	5.08E+05	1.091
				5633.060	6196	0	39888	0.0138	-0.0104	-0.0071	5.25E+05	1.094
				5634.060	6197	0	39857	0.0138	-0.0104	-0.0071	5.13E+05	1.087
				5635.060	6198	0	39904	0.0138	-0.0104	-0.0071	5.03E+05	1.088
				5636.060	6197	0	39872	0.0138	-0.0104	-0.0071	5.13E+05	1.091
				5637.060	6196	0	39919	0.0138	-0.0104	-0.0071	5.11E+05	1.087
				5638.060	6199	0	39904	0.0138	-0.0104	-0.0071	5.17E+05	1.090
				5639.060	6198	0	39919	0.0138	-0.0104	-0.0071	5.28E+05	1.092
				5640.060	6197	0	39904	0.0138	-0.0104	-0.0071	5.51E+05	1.092
				5641.060	6198	0	39904	0.0138	-0.0105	-0.0071	5.64E+05	1.094
				5642.060	6197	0	39935	0.0138	-0.0105	-0.0071	5.60E+05	1.096
				5643.060	6196	0	39904	0.0138	-0.0105	-0.0071	5.53E+05	1.095
				5644.060	6196	0	39904	0.0138	-0.0105	-0.0071	5.26E+05	1.088
				5645.060	6197	0	39904	0.0138	-0.0105	-0.0071	5.29E+05	1.088
				5646.060	6197	0	39919	0.0138	-0.0105	-0.0071	5.19E+05	1.084
				5647.060	6196	0	39919	0.0138	-0.0105	-0.0071	5.17E+05	1.082
				5648.050	6197	0	39919	0.0138	-0.0105	-0.0072	5.22E+05	1.088
				5649.050	6197	0	39935	0.0138	-0.0105	-0.0072	5.05E+05	1.082
				5650.050	6198	0	39951	0.0138	-0.0105	-0.0072	5.12E+05	1.084
				5651.050	6195	0	39966	0.0138	-0.0105	-0.0072	5.26E+05	1.092
				5652.050	6198	0	39935	0.0138	-0.0105	-0.0072	5.16E+05	1.087
				5653.050	6196	0	39935	0.0139	-0.0105	-0.0072	4.87E+05	1.094
				5654.050	6197	0	39935	0.0139	-0.0105	-0.0072	4.91E+05	1.095
				5655.050	6196	0	39951	0.0139	-0.0105	-0.0072	4.75E+05	1.088
				5656.050	6199	0	39951	0.0139	-0.0105	-0.0072	4.60E+05	1.090
				5657.050	6195	0	39951	0.0139	-0.0105	-0.0072	4.64E+05	1.090
				5658.050	6198	0	39982	0.0139	-0.0105	-0.0072	4.58E+05	1.092
				5659.050	6196	0	39951	0.0139	-0.0106	-0.0072	4.50E+05	1.093
				5660.050	6197	0	39951	0.0139	-0.0106	-0.0072	4.32E+05	1.089
				5661.050	6197	0	39951	0.0139	-0.0106	-0.0072	4.24E+05	1.084
				5662.050	6195	0	39951	0.0139	-0.0106	-0.0072	4.09E+05	1.082
				5663.050	6199	0	39966	0.0139	-0.0106	-0.0072	4.07E+05	1.082
				5664.050	6197	0	39966	0.0139	-0.0106	-0.0073	4.24E+05	1.083
				5665.050	6197	0	39982	0.0139	-0.0106	-0.0073	4.26E+05	1.086
				5666.050	6199	0	39998	0.0139	-0.0106	-0.0073	4.25E+05	1.089
				5667.050	6197	0	39966	0.0139	-0.0106	-0.0073	4.21E+05	1.087
				5668.050	6197	0	39966	0.0139	-0.0106	-0.0073	4.23E+05	1.090
				5669.050	6196	0	39951	0.0139	-0.0106	-0.0073	4.16E+05	1.092
				5670.050	6197	0	39998	0.0139	-0.0106	-0.0073	4.06E+05	1.093
				5671.050	6196	0	39982	0.0139	-0.0106	-0.0073	3.88E+05	1.093
				5672.050	6196	0	39966	0.0139	-0.0106	-0.0073	3.88E+05	1.094
				5673.050	6197	0	39998	0.0139	-0.0106	-0.0073	3.79E+05	1.091
				5674.050	6197	0	39966	0.0140	-0.0106	-0.0073	3.61E+05	1.090
				5675.050	6196	0	39998	0.0140	-0.0106	-0.0073	3.64E+05	1.093
				5676.050	6197	0	40013	0.0140	-0.0106	-0.0073	3.71E+05	1.092
				5677.050	6196	0	39966	0.0140	-0.0107	-0.0073	3.81E+05	1.086
				5678.050	6197	0	39982	0.0140	-0.0107	-0.0073	3.63E+05	1.082
				5679.040	6196	0	40013	0.0140	-0.0107	-0.0074	3.59E+05	1.082
				5680.040	6196	0	39998	0.0140	-0.0107	-0.0073	3.34E+05	1.086
				5681.040	6198	0	39982	0.0140	-0.0107	-0.0074	3.35E+05	1.088
				5682.040	6199	0	39998	0.0140	-0.0107	-0.0074	3.35E+05	1.094
				5683.040	6197	0	40029	0.0140	-0.0107	-0.0074	3.26E+05	1.098
				5684.040	6198	0	39998	0.0140	-0.0107	-0.0074	3.25E+05	1.102
				5685.040	6197	0	40013	0.0140	-0.0107	-0.0074	3.19E+05	1.098
				5686.040	6195	0	39998	0.0140	-0.0107	-0.0074	2.87E+05	1.101
				5687.040	6198	0	40013	0.0140	-0.0107	-0.0074	2.74E+05	1.102
				5688.040	6198	0	39998	0.0140	-0.0107	-0.0074	2.52E+05	1.104
				5689.040	6197	0	40060	0.0140	-0.0107	-0.0074	2.50E+05	1.107

5690.040	6197	0	40013	0.0140	-0.0107	-0.0074	2.46E+05	1.108
5691.040	6197	0	40029	0.0140	-0.0107	-0.0074	2.34E+05	1.104
5692.040	6196	0	40029	0.0140	-0.0107	-0.0074	2.29E+05	1.105
5693.040	6198	0	40013	0.0141	-0.0108	-0.0074	2.17E+05	1.105
5694.040	6198	0	40029	0.0141	-0.0108	-0.0075	1.95E+05	1.107
5695.040	6196	0	40029	0.0141	-0.0108	-0.0074	1.67E+05	1.106
5696.040	6198	0	40013	0.0141	-0.0108	-0.0075	1.67E+05	1.110
5697.040	6196	0	40045	0.0141	-0.0108	-0.0075	1.50E+05	1.107
5698.040	6197	0	40029	0.0141	-0.0108	-0.0075	1.33E+05	1.104
5699.040	6198	0	40013	0.0141	-0.0108	-0.0075	1.29E+05	1.103
5700.040	6196	0	40045	0.0141	-0.0108	-0.0075	1.10E+05	1.103
5701.040	6197	0	40045	0.0141	-0.0108	-0.0075	1.04E+05	1.106
5702.040	6198	0	40045	0.0141	-0.0108	-0.0075	9.87E+04	1.110
5703.040	6197	0	40013	0.0141	-0.0108	-0.0075	6.44E+04	1.103
5704.040	6197	0	40045	0.0141	-0.0108	-0.0075	3.69E+04	1.109
5705.040	6197	0	39998	0.0141	-0.0108	-0.0075	1.69E+04	1.116
5706.040	6197	0	40045	0.0141	-0.0108	-0.0075	3.32E+03	1.110
5707.040	6196	0	40045	0.0141	-0.0108	-0.0075	-1.94E+04	1.110
5708.040	6196	0	40029	0.0141	-0.0108	-0.0075	-3.39E+04	1.110
5709.040	6196	0	40013	0.0141	-0.0108	-0.0075	-3.41E+04	1.109
5710.040	6196	0	40045	0.0141	-0.0108	-0.0075	-5.62E+04	1.110
5711.030	6197	0	39982	0.0141	-0.0108	-0.0076	-6.38E+04	1.109
5712.030	6197	0	40029	0.0142	-0.0109	-0.0076	-7.12E+04	1.107
5713.030	6197	0	40013	0.0142	-0.0109	-0.0076	-7.93E+04	1.106
5714.030	6198	0	40045	0.0142	-0.0109	-0.0076	-9.52E+04	1.108
5715.030	6198	0	40045	0.0142	-0.0109	-0.0076	-8.87E+04	1.105
5716.030	6197	0	40013	0.0142	-0.0109	-0.0076	-1.03E+05	1.105
5717.030	6197	0	40013	0.0142	-0.0109	-0.0076	-1.10E+05	1.109
5718.030	6198	0	40029	0.0142	-0.0109	-0.0076	-1.10E+05	1.112
5719.030	6197	0	40013	0.0142	-0.0109	-0.0076	-1.23E+05	1.111
5720.030	6198	0	40013	0.0142	-0.0109	-0.0076	-1.22E+05	1.112
5721.030	6195	0	40029	0.0142	-0.0109	-0.0076	-1.27E+05	1.111
5722.030	6198	0	40013	0.0142	-0.0109	-0.0076	-1.46E+05	1.110
5723.030	6198	0	40029	0.0142	-0.0109	-0.0076	-1.35E+05	1.106
5724.030	6197	0	40029	0.0142	-0.0109	-0.0076	-1.39E+05	1.109
5725.030	6197	0	40029	0.0142	-0.0109	-0.0076	-1.36E+05	1.109
5726.030	6197	0	40029	0.0142	-0.0109	-0.0076	-1.64E+05	1.105
5727.030	6197	0	40013	0.0142	-0.0109	-0.0076	-1.64E+05	1.099
5728.030	6196	0	39998	0.0142	-0.0109	-0.0076	-1.63E+05	1.092
5729.030	6197	0	39998	0.0142	-0.0109	-0.0077	-1.76E+05	1.088
5730.030	6198	0	39982	0.0142	-0.0110	-0.0077	-1.73E+05	1.087
5731.030	6199	0	40013	0.0143	-0.0110	-0.0077	-1.92E+05	1.086
5732.030	6198	0	40013	0.0143	-0.0110	-0.0077	-2.02E+05	1.086
5733.030	6197	0	40013	0.0143	-0.0110	-0.0077	-1.97E+05	1.089
5734.030	6199	0	40013	0.0143	-0.0110	-0.0077	-2.12E+05	1.088
5735.030	6198	0	39998	0.0143	-0.0110	-0.0077	-2.19E+05	1.086
5736.030	6197	0	40013	0.0143	-0.0110	-0.0077	-2.11E+05	1.085
5737.030	6198	0	40029	0.0143	-0.0110	-0.0077	-2.46E+05	1.087
5738.030	6197	0	40013	0.0143	-0.0110	-0.0077	-2.58E+05	1.091
5739.030	6197	0	40013	0.0143	-0.0110	-0.0077	-2.75E+05	1.088
5740.030	6196	0	39998	0.0143	-0.0110	-0.0077	-2.69E+05	1.088
5741.020	6199	0	39998	0.0143	-0.0110	-0.0077	-2.62E+05	1.086
5742.020	6197	0	39998	0.0143	-0.0110	-0.0077	-2.75E+05	1.082
5743.020	6197	0	40013	0.0143	-0.0110	-0.0077	-2.86E+05	1.076
5744.020	6198	0	39998	0.0143	-0.0110	-0.0077	-2.96E+05	1.074
5745.020	6197	0	40013	0.0143	-0.0110	-0.0077	-3.04E+05	1.069
5746.020	6197	0	39998	0.0143	-0.0110	-0.0078	-3.12E+05	1.067
5747.020	6198	0	39982	0.0143	-0.0110	-0.0078	-3.27E+05	1.066
5748.020	6198	0	40013	0.0143	-0.0110	-0.0078	-3.38E+05	1.060
5749.020	6196	0	39998	0.0143	-0.0111	-0.0078	-3.41E+05	1.058
5750.020	6197	0	39966	0.0143	-0.0111	-0.0078	-3.42E+05	1.054
5751.020	6196	0	39982	0.0144	-0.0111	-0.0078	-3.56E+05	1.050
5752.020	6196	0	39982	0.0144	-0.0111	-0.0078	-3.54E+05	1.052
5753.020	6198	0	39982	0.0144	-0.0111	-0.0078	-3.62E+05	1.046
5754.020	6196	0	39982	0.0144	-0.0111	-0.0078	-3.76E+05	1.043
5755.020	6197	0	39982	0.0144	-0.0111	-0.0078	-3.92E+05	1.044
5756.020	6198	0	39982	0.0144	-0.0111	-0.0078	-4.01E+05	1.044
5757.020	6198	0	39951	0.0144	-0.0111	-0.0078	-4.12E+05	1.041
5758.020	6197	0	39982	0.0144	-0.0111	-0.0078	-4.28E+05	1.039
5759.020	6198	0	39951	0.0144	-0.0111	-0.0078	-4.36E+05	1.039
5760.020	6198	0	39982	0.0144	-0.0111	-0.0078	-4.50E+05	1.039
5761.020	6197	0	39982	0.0144	-0.0111	-0.0078	-4.63E+05	1.043
5762.020	6196	0	39951	0.0144	-0.0111	-0.0079	-4.66E+05	1.044
5763.020	6196	0	39951	0.0144	-0.0111	-0.0079	-4.73E+05	1.044
5764.020	6198	0	39951	0.0144	-0.0111	-0.0079	-4.77E+05	1.042
5765.020	6198	0	39966	0.0144	-0.0111	-0.0079	-4.80E+05	1.043

				5766.020	6198	0	39966	0.0144	-0.0111	-0.0079	-4.89E+05	1.044
				5767.020	6198	0	39951	0.0144	-0.0112	-0.0079	-5.02E+05	1.045
				5768.020	6197	0	39951	0.0144	-0.0112	-0.0079	-5.08E+05	1.050
				5769.020	6199	0	39935	0.0144	-0.0112	-0.0079	-5.04E+05	1.054
				5770.020	6197	0	39951	0.0144	-0.0112	-0.0079	-5.04E+05	1.054
				5771.020	6198	0	39951	0.0145	-0.0112	-0.0079	-4.95E+05	1.056
				5772.020	6198	0	39919	0.0145	-0.0112	-0.0079	-4.96E+05	1.053
				5773.010	6197	0	39935	0.0145	-0.0112	-0.0079	-4.91E+05	1.056
				5774.010	6198	0	39935	0.0145	-0.0112	-0.0079	-4.80E+05	1.054
				5775.010	6197	0	39935	0.0145	-0.0112	-0.0079	-4.84E+05	1.057
				5776.010	6197	0	39904	0.0145	-0.0112	-0.0079	-4.94E+05	1.061
				5777.010	6197	0	39935	0.0145	-0.0112	-0.0079	-4.83E+05	1.057
				5778.010	6197	0	39919	0.0145	-0.0112	-0.0079	-4.85E+05	1.055
				5779.010	6197	0	39919	0.0145	-0.0112	-0.0079	-4.86E+05	1.052
				5780.010	6198	0	39919	0.0145	-0.0112	-0.0079	-4.86E+05	1.054
				5781.010	6196	0	39951	0.0145	-0.0112	-0.0079	-4.89E+05	1.054
				5782.010	6197	0	39904	0.0145	-0.0112	-0.0080	-4.69E+05	1.053
				5783.010	6198	0	39888	0.0145	-0.0112	-0.0080	-4.86E+05	1.057
				5784.010	6196	0	39904	0.0145	-0.0112	-0.0080	-4.92E+05	1.062
				5785.010	6197	0	39888	0.0145	-0.0112	-0.0080	-5.16E+05	1.062
				5786.010	6197	0	39904	0.0145	-0.0113	-0.0080	-5.14E+05	1.059
				5787.010	6194	0	39904	0.0145	-0.0113	-0.0080	-5.05E+05	1.061
				5788.010	6198	0	39872	0.0145	-0.0113	-0.0080	-5.07E+05	1.066
				5789.010	6197	0	39888	0.0145	-0.0113	-0.0080	-5.15E+05	1.069
				5790.010	6198	0	39888	0.0145	-0.0113	-0.0080	-5.19E+05	1.067
				5791.010	6198	0	39888	0.0145	-0.0113	-0.0080	-5.22E+05	1.072
				5792.010	6196	0	39872	0.0146	-0.0113	-0.0080	-5.08E+05	1.075
				5793.010	6197	0	39888	0.0146	-0.0113	-0.0080	-5.12E+05	1.075
				5794.010	6199	0	39888	0.0146	-0.0113	-0.0080	-5.12E+05	1.071
				5795.010	6198	0	39888	0.0146	-0.0113	-0.0080	-5.02E+05	1.068
				5796.010	6197	0	39888	0.0146	-0.0113	-0.0080	-4.99E+05	1.069
				5797.010	6197	0	39872	0.0146	-0.0113	-0.0080	-4.87E+05	1.070
				5798.010	6197	0	39904	0.0146	-0.0113	-0.0081	-5.09E+05	1.071
				5799.010	6195	0	39872	0.0146	-0.0113	-0.0081	-5.12E+05	1.069
				5800.010	6198	0	39857	0.0146	-0.0113	-0.0081	-5.15E+05	1.073
				5801.010	6197	0	39872	0.0146	-0.0113	-0.0081	-4.99E+05	1.071
				5802.010	6197	0	39888	0.0146	-0.0113	-0.0081	-5.09E+05	1.069
				5803.010	6197	0	39857	0.0146	-0.0113	-0.0081	-5.12E+05	1.071
				5804.000	6197	0	39857	0.0146	-0.0113	-0.0081	-5.18E+05	1.071
				5805.000	6196	0	39857	0.0146	-0.0114	-0.0081	-5.43E+05	1.070
				5806.000	6197	0	39841	0.0146	-0.0114	-0.0081	-5.49E+05	1.067
				5807.000	6198	0	39888	0.0146	-0.0114	-0.0081	-5.35E+05	1.070
				5808.000	6196	0	39841	0.0146	-0.0114	-0.0081	-5.43E+05	1.068
				5809.000	6196	0	39825	0.0146	-0.0114	-0.0081	-5.71E+05	1.067
				5810.000	6196	0	39810	0.0146	-0.0114	-0.0081	-6.01E+05	1.066
				5811.000	6196	0	39825	0.0147	-0.0114	-0.0081	-6.27E+05	1.062
				5812.000	6196	0	39841	0.0147	-0.0114	-0.0081	-6.54E+05	1.066
				5813.000	6197	0	39841	0.0147	-0.0114	-0.0081	-6.85E+05	1.071
				5814.000	6197	0	39825	0.0147	-0.0114	-0.0081	-7.15E+05	1.070
				5815.000	6198	0	39825	0.0147	-0.0114	-0.0081	-7.36E+05	1.067
				5816.000	6196	0	39810	0.0147	-0.0114	-0.0082	-7.53E+05	1.067
				5817.000	6196	0	39841	0.0147	-0.0114	-0.0082	-7.62E+05	1.068
				5818.000	6198	0	39810	0.0147	-0.0114	-0.0082	-7.97E+05	1.069
				5819.000	6198	0	39810	0.0147	-0.0114	-0.0082	-8.14E+05	1.071
				5820.000	6198	0	39841	0.0147	-0.0114	-0.0082	-8.37E+05	1.077
				5821.000	6196	0	39810	0.0147	-0.0114	-0.0082	-8.62E+05	1.081
				5822.000	6196	0	39825	0.0147	-0.0114	-0.0082	-8.77E+05	1.086
				5823.000	6197	0	39778	0.0147	-0.0114	-0.0082	-8.88E+05	1.081
				5824.000	6198	0	39794	0.0147	-0.0115	-0.0082	-8.89E+05	1.088
				5825.000	6197	0	39794	0.0147	-0.0115	-0.0082	-9.03E+05	1.090
				5826.000	6196	0	39825	0.0147	-0.0115	-0.0082	-9.27E+05	1.092
				5827.000	6197	0	39794	0.0147	-0.0115	-0.0082	-9.42E+05	1.095
				5828.000	6197	0	39778	0.0147	-0.0115	-0.0082	-9.42E+05	1.094
				5829.000	6198	0	39778	0.0147	-0.0115	-0.0082	-9.51E+05	1.094
				5830.000	6196	0	39731	0.0148	-0.0115	-0.0082	-9.57E+05	1.093
				5831.000	6196	0	39763	0.0148	-0.0115	-0.0082	-9.80E+05	1.095
				5832.000	6196	0	39778	0.0147	-0.0115	-0.0083	-9.98E+05	1.096
				5833.000	6197	0	39763	0.0148	-0.0115	-0.0082	-1.00E+06	1.102
				5834.000	6196	0	39731	0.0148	-0.0115	-0.0082	-1.03E+06	1.105
				5835.000	6197	0	39700	0.0148	-0.0115	-0.0083	-1.06E+06	1.107
				5835.990	6197	0	39716	0.0148	-0.0115	-0.0083	-1.08E+06	1.107
				5836.990	6197	0	39700	0.0148	-0.0115	-0.0083	-1.09E+06	1.105
				5837.990	6198	0	39684	0.0148	-0.0115	-0.0083	-1.10E+06	1.105
				5838.990	6197	0	39700	0.0148	-0.0115	-0.0083	-1.11E+06	1.108
				5839.990	6198	0	39700	0.0148	-0.0115	-0.0083	-1.15E+06	1.112
				5840.990	6197	0	39700	0.0148	-0.0115	-0.0083	-1.16E+06	1.115

5841.990	6199	0	39716	0.0148	-0.0116	-0.0083	-1.19E+06	1.122
5842.990	6196	0	39669	0.0148	-0.0116	-0.0083	-1.21E+06	1.129
5843.990	6196	0	39684	0.0148	-0.0116	-0.0083	-1.24E+06	1.129
5844.990	6198	0	39669	0.0148	-0.0116	-0.0083	-1.26E+06	1.130
5845.990	6198	0	39653	0.0148	-0.0116	-0.0083	-1.27E+06	1.133
5846.990	6195	0	39669	0.0148	-0.0116	-0.0083	-1.30E+06	1.133
5847.990	6197	0	39669	0.0148	-0.0116	-0.0083	-1.31E+06	1.138
5848.990	6196	0	39669	0.0148	-0.0116	-0.0084	-1.34E+06	1.142
5849.990	6197	0	39653	0.0148	-0.0116	-0.0084	-1.37E+06	1.141
5850.990	6198	0	39637	0.0149	-0.0116	-0.0084	-1.41E+06	1.145
5851.990	6196	0	39637	0.0149	-0.0116	-0.0084	-1.42E+06	1.146
5852.990	6197	0	39637	0.0149	-0.0116	-0.0084	-1.42E+06	1.147
5853.990	6196	0	39637	0.0149	-0.0116	-0.0084	-1.44E+06	1.154
5854.990	6195	0	39637	0.0149	-0.0116	-0.0084	-1.46E+06	1.157
5855.990	6197	0	39590	0.0149	-0.0116	-0.0084	-1.50E+06	1.160
5856.990	6197	0	39606	0.0149	-0.0116	-0.0084	-1.53E+06	1.163
5857.990	6196	0	39590	0.0149	-0.0116	-0.0084	-1.56E+06	1.170
5858.990	6196	0	39575	0.0149	-0.0117	-0.0084	-1.59E+06	1.173
5859.990	6197	0	39575	0.0149	-0.0117	-0.0084	-1.64E+06	1.178
5860.990	6198	0	39590	0.0149	-0.0117	-0.0084	-1.69E+06	1.177
5861.990	6197	0	39575	0.0149	-0.0117	-0.0084	-1.74E+06	1.180
5862.990	6196	0	39559	0.0149	-0.0117	-0.0084	-1.80E+06	1.185
5863.990	6198	0	39543	0.0149	-0.0117	-0.0085	-1.85E+06	1.189
5864.990	6197	0	39512	0.0149	-0.0117	-0.0085	-1.92E+06	1.195
5865.980	6199	0	39528	0.0149	-0.0117	-0.0085	-1.98E+06	1.195
5866.980	6198	0	39512	0.0149	-0.0117	-0.0085	-2.01E+06	1.196
5867.980	6196	0	39496	0.0149	-0.0117	-0.0085	-2.07E+06	1.203
5868.980	6197	0	39481	0.0149	-0.0117	-0.0085	-2.14E+06	1.208
5869.980	6197	0	39496	0.0149	-0.0117	-0.0085	-2.19E+06	1.212
5870.980	6195	0	39450	0.0150	-0.0117	-0.0085	-2.24E+06	1.213
5871.980	6197	0	39450	0.0150	-0.0117	-0.0085	-2.31E+06	1.219
5872.980	6198	0	39450	0.0150	-0.0117	-0.0085	-2.36E+06	1.222
5873.980	6196	0	39434	0.0150	-0.0118	-0.0085	-2.41E+06	1.223
5874.980	6196	0	39403	0.0150	-0.0118	-0.0085	-2.47E+06	1.231
5875.980	6197	0	39387	0.0150	-0.0118	-0.0085	-2.52E+06	1.234
5876.980	6196	0	39387	0.0150	-0.0118	-0.0086	-2.57E+06	1.237
5877.980	6197	0	39418	0.0150	-0.0118	-0.0086	-2.61E+06	1.239
5878.980	6197	0	39387	0.0150	-0.0118	-0.0086	-2.65E+06	1.243
5879.980	6197	0	39371	0.0150	-0.0118	-0.0086	-2.68E+06	1.243
5880.980	6198	0	39340	0.0150	-0.0118	-0.0086	-2.72E+06	1.245
5881.980	6197	0	39340	0.0150	-0.0118	-0.0086	-2.77E+06	1.246
5882.980	6198	0	39293	0.0150	-0.0118	-0.0086	-2.80E+06	1.250
5883.980	6197	0	39293	0.0150	-0.0118	-0.0086	-2.86E+06	1.258
5884.980	6196	0	39262	0.0150	-0.0118	-0.0086	-2.90E+06	1.264
5885.980	6197	0	39246	0.0150	-0.0118	-0.0086	-2.93E+06	1.266
5886.980	6196	0	39230	0.0150	-0.0118	-0.0086	-2.95E+06	1.269
5887.980	6196	0	39215	0.0150	-0.0119	-0.0087	-2.96E+06	1.271
5888.980	6197	0	39215	0.0151	-0.0119	-0.0087	-2.99E+06	1.269
5889.980	6197	0	39152	0.0151	-0.0119	-0.0087	-3.01E+06	1.271
5890.980	6197	0	39136	0.0151	-0.0119	-0.0087	-3.06E+06	1.283
5891.980	6197	0	39168	0.0151	-0.0119	-0.0087	-3.09E+06	1.289
5892.980	6197	0	39105	0.0151	-0.0119	-0.0087	-3.14E+06	1.296
5893.980	6196	0	39089	0.0151	-0.0119	-0.0087	-3.17E+06	1.301
5894.980	6198	0	39089	0.0151	-0.0119	-0.0087	-3.19E+06	1.302
5895.980	6198	0	39058	0.0151	-0.0119	-0.0087	-3.20E+06	1.309
5896.980	6197	0	39042	0.0151	-0.0119	-0.0087	-3.24E+06	1.314
5897.970	6199	0	39042	0.0151	-0.0119	-0.0087	-3.25E+06	1.313
5898.970	6197	0	38995	0.0151	-0.0119	-0.0087	-3.27E+06	1.320
5899.970	6198	0	38964	0.0151	-0.0119	-0.0088	-3.26E+06	1.316
5900.970	6195	0	38964	0.0151	-0.0119	-0.0088	-3.27E+06	1.315
5901.970	6196	0	38964	0.0151	-0.0119	-0.0088	-3.29E+06	1.313
5902.970	6198	0	38948	0.0151	-0.0120	-0.0088	-3.30E+06	1.315
5903.970	6197	0	38933	0.0151	-0.0120	-0.0088	-3.29E+06	1.316
5904.970	6197	0	38917	0.0151	-0.0120	-0.0088	-3.29E+06	1.323
5905.970	6196	0	38870	0.0152	-0.0120	-0.0088	-3.26E+06	1.319
5906.970	6197	0	38854	0.0152	-0.0120	-0.0088	-3.26E+06	1.319
5907.970	6199	0	38870	0.0152	-0.0120	-0.0088	-3.24E+06	1.316
5908.970	6196	0	38839	0.0152	-0.0120	-0.0088	-3.22E+06	1.311
5909.970	6196	0	38839	0.0152	-0.0120	-0.0088	-3.20E+06	1.314
5910.970	6197	0	38839	0.0152	-0.0120	-0.0088	-3.20E+06	1.319
5911.970	6197	0	38807	0.0152	-0.0120	-0.0089	-3.16E+06	1.312
5912.970	6196	0	38807	0.0152	-0.0120	-0.0089	-3.15E+06	1.311
5913.970	6197	0	38745	0.0152	-0.0120	-0.0089	-3.13E+06	1.313
5914.970	6197	0	38760	0.0152	-0.0120	-0.0089	-3.09E+06	1.309
5915.970	6199	0	38776	0.0152	-0.0120	-0.0089	-3.08E+06	1.312
5916.970	6197	0	38729	0.0152	-0.0120	-0.0089	-3.05E+06	1.305

				5917.970	6196	0	38698	0.0152	-0.0120	-0.0089	-3.01E+06	1.298
				5918.970	6198	0	38713	0.0152	-0.0121	-0.0089	-2.99E+06	1.298
				5919.970	6197	0	38682	0.0152	-0.0121	-0.0089	-2.97E+06	1.297
				5920.970	6196	0	38698	0.0152	-0.0121	-0.0089	-2.95E+06	1.297
				5921.970	6199	0	38666	0.0152	-0.0121	-0.0089	-2.91E+06	1.293
				5922.970	6196	0	38651	0.0152	-0.0121	-0.0089	-2.89E+06	1.294
				5923.970	6197	0	38635	0.0152	-0.0121	-0.0089	-2.82E+06	1.286
				5924.970	6197	0	38635	0.0152	-0.0121	-0.0089	-2.79E+06	1.284
				5925.970	6197	0	38604	0.0152	-0.0121	-0.0090	-2.77E+06	1.283
				5926.970	6198	0	38572	0.0152	-0.0121	-0.0090	-2.75E+06	1.283
				5927.970	6197	0	38588	0.0152	-0.0121	-0.0090	-2.71E+06	1.277
				5928.960	6199	0	38557	0.0152	-0.0121	-0.0090	-2.66E+06	1.266
				5929.960	6196	0	38557	0.0152	-0.0121	-0.0090	-2.63E+06	1.264
				5930.960	6198	0	38541	0.0153	-0.0121	-0.0090	-2.58E+06	1.258
				5931.960	6198	0	38510	0.0153	-0.0121	-0.0090	-2.55E+06	1.251
				5932.960	6197	0	38526	0.0153	-0.0121	-0.0090	-2.52E+06	1.245
				5933.960	6197	0	38510	0.0153	-0.0121	-0.0090	-2.48E+06	1.247
				5934.960	6197	0	38526	0.0153	-0.0121	-0.0090	-2.46E+06	1.245
				5935.960	6197	0	38494	0.0153	-0.0122	-0.0090	-2.42E+06	1.241
				5936.960	6197	0	38479	0.0153	-0.0122	-0.0090	-2.37E+06	1.237
				5937.960	6197	0	38447	0.0153	-0.0122	-0.0090	-2.33E+06	1.235
				5938.960	6199	0	38463	0.0153	-0.0122	-0.0090	-2.28E+06	1.234
				5939.960	6197	0	38447	0.0153	-0.0122	-0.0090	-2.24E+06	1.228
				5940.960	6198	0	38463	0.0153	-0.0122	-0.0091	-2.19E+06	1.224
				5941.960	6196	0	38416	0.0153	-0.0122	-0.0091	-2.16E+06	1.227
				5942.960	6196	0	38400	0.0153	-0.0122	-0.0091	-2.12E+06	1.227
				5943.960	6198	0	38416	0.0153	-0.0122	-0.0091	-2.09E+06	1.222
				5944.960	6196	0	38385	0.0153	-0.0122	-0.0091	-2.05E+06	1.215
				5945.960	6196	0	38385	0.0153	-0.0122	-0.0091	-2.01E+06	1.208
				5946.960	6199	0	38385	0.0153	-0.0122	-0.0091	-1.97E+06	1.211
				5947.960	6198	0	38385	0.0153	-0.0122	-0.0091	-1.93E+06	1.209
				5948.960	6196	0	38385	0.0153	-0.0122	-0.0091	-1.90E+06	1.206
				5949.960	6199	0	38369	0.0153	-0.0122	-0.0091	-1.87E+06	1.209
				5950.960	6196	0	38353	0.0154	-0.0122	-0.0091	-1.83E+06	1.200
				5951.960	6198	0	38338	0.0153	-0.0122	-0.0091	-1.81E+06	1.201
				5952.960	6196	0	38322	0.0154	-0.0122	-0.0091	-1.80E+06	1.197
				5953.960	6195	0	38306	0.0154	-0.0123	-0.0091	-1.78E+06	1.194
				5954.960	6198	0	38291	0.0154	-0.0123	-0.0091	-1.78E+06	1.194
				5955.960	6197	0	38306	0.0154	-0.0123	-0.0091	-1.77E+06	1.198
				5956.960	6197	0	38291	0.0154	-0.0123	-0.0092	-1.74E+06	1.189
				5957.960	6196	0	38291	0.0154	-0.0123	-0.0092	-1.73E+06	1.190
				5958.960	6197	0	38291	0.0154	-0.0123	-0.0092	-1.72E+06	1.187
				5959.960	6198	0	38259	0.0154	-0.0123	-0.0092	-1.72E+06	1.183
				5960.950	6198	0	38244	0.0154	-0.0123	-0.0092	-1.71E+06	1.181
				5961.950	6199	0	38275	0.0154	-0.0123	-0.0092	-1.70E+06	1.181
				5962.950	6197	0	38244	0.0154	-0.0123	-0.0092	-1.70E+06	1.179
				5963.950	6196	0	38259	0.0154	-0.0123	-0.0092	-1.69E+06	1.173
				5964.950	6198	0	38244	0.0154	-0.0123	-0.0092	-1.70E+06	1.175
				5965.950	6195	0	38244	0.0154	-0.0123	-0.0092	-1.70E+06	1.175
				5966.950	6196	0	38212	0.0154	-0.0123	-0.0092	-1.70E+06	1.177
				5967.950	6196	0	38228	0.0154	-0.0123	-0.0092	-1.70E+06	1.172
				5968.950	6198	0	38197	0.0154	-0.0123	-0.0092	-1.71E+06	1.172
				5969.950	6197	0	38197	0.0154	-0.0123	-0.0092	-1.72E+06	1.176
				5970.950	6198	0	38181	0.0155	-0.0124	-0.0092	-1.73E+06	1.176
				5971.950	6197	0	38197	0.0154	-0.0124	-0.0093	-1.74E+06	1.174
				5972.950	6197	0	38197	0.0155	-0.0124	-0.0093	-1.75E+06	1.173
				5973.950	6198	0	38165	0.0155	-0.0124	-0.0093	-1.76E+06	1.176
				5974.950	6197	0	38165	0.0155	-0.0124	-0.0093	-1.75E+06	1.170
				5975.950	6196	0	38150	0.0155	-0.0124	-0.0093	-1.75E+06	1.173
				5976.950	6196	0	38134	0.0155	-0.0124	-0.0093	-1.76E+06	1.171
				5977.950	6198	0	38118	0.0155	-0.0124	-0.0093	-1.77E+06	1.175
				5978.950	6197	0	38103	0.0155	-0.0124	-0.0093	-1.78E+06	1.176
				5979.950	6196	0	38103	0.0155	-0.0124	-0.0093	-1.78E+06	1.170
				5980.950	6197	0	38087	0.0155	-0.0124	-0.0093	-1.80E+06	1.175
				5981.950	6197	0	38103	0.0155	-0.0124	-0.0093	-1.82E+06	1.176
				5982.950	6197	0	38103	0.0155	-0.0124	-0.0093	-1.83E+06	1.179
				5983.950	6197	0	38071	0.0155	-0.0124	-0.0093	-1.84E+06	1.182
				5984.950	6196	0	38040	0.0155	-0.0124	-0.0094	-1.82E+06	1.185
				5985.950	6198	0	38040	0.0155	-0.0124	-0.0094	-1.84E+06	1.192
				5986.950	6199	0	38040	0.0155	-0.0124	-0.0094	-1.86E+06	1.194
				5987.950	6197	0	38009	0.0155	-0.0125	-0.0094	-1.86E+06	1.198
				5988.950	6197	0	38040	0.0155	-0.0125	-0.0094	-1.87E+06	1.200
				5989.950	6196	0	37993	0.0155	-0.0125	-0.0094	-1.87E+06	1.201
				5990.940	6196	0	37993	0.0155	-0.0125	-0.0094	-1.87E+06	1.203
				5991.940	6197	0	37977	0.0156	-0.0125	-0.0094	-1.86E+06	1.205
				5992.940	6197	0	37977	0.0156	-0.0125	-0.0094	-1.87E+06	1.207

				5993.940	6197	0	37977	0.0156	-0.0125	-0.0094	-1.87E+06	1.214
				5994.940	6196	0	37962	0.0156	-0.0125	-0.0094	-1.88E+06	1.216
				5995.940	6196	0	37962	0.0156	-0.0125	-0.0094	-1.86E+06	1.214
				5996.940	6199	0	37930	0.0156	-0.0125	-0.0094	-1.85E+06	1.211
				5997.940	6198	0	37915	0.0156	-0.0125	-0.0094	-1.85E+06	1.218
				5998.940	6198	0	37915	0.0156	-0.0125	-0.0094	-1.83E+06	1.218
				5999.940	6197	0	37915	0.0156	-0.0125	-0.0094	-1.83E+06	1.223
				6000.940	6195	0	37915	0.0156	-0.0125	-0.0095	-1.81E+06	1.224
				6001.940	6197	0	37883	0.0156	-0.0125	-0.0095	-1.80E+06	1.222
				6002.940	6198	0	37899	0.0156	-0.0125	-0.0095	-1.79E+06	1.221
				6003.940	6197	0	37883	0.0156	-0.0125	-0.0095	-1.78E+06	1.224
				6004.940	6197	0	37868	0.0156	-0.0126	-0.0095	-1.78E+06	1.224
				6005.940	6196	0	37868	0.0156	-0.0126	-0.0095	-1.76E+06	1.226
				6006.940	6195	0	37821	0.0156	-0.0126	-0.0095	-1.76E+06	1.229
				6007.940	6197	0	37852	0.0156	-0.0126	-0.0095	-1.73E+06	1.224
				6008.940	6197	0	37852	0.0156	-0.0126	-0.0095	-1.73E+06	1.227
				6009.940	6197	0	37868	0.0156	-0.0126	-0.0095	-1.72E+06	1.232
				6010.940	6199	0	37821	0.0156	-0.0126	-0.0095	-1.74E+06	1.237
				6011.940	6196	0	37805	0.0157	-0.0126	-0.0095	-1.74E+06	1.238
				6012.940	6197	0	37821	0.0157	-0.0126	-0.0096	-1.75E+06	1.243
				6013.940	6196	0	37774	0.0157	-0.0126	-0.0096	-1.76E+06	1.247
				6014.940	6196	0	37774	0.0157	-0.0126	-0.0096	-1.74E+06	1.244
				6015.940	6197	0	37774	0.0157	-0.0126	-0.0096	-1.76E+06	1.251
				6016.940	6197	0	37774	0.0157	-0.0126	-0.0096	-1.76E+06	1.254
				6017.940	6199	0	37758	0.0157	-0.0126	-0.0096	-1.78E+06	1.256
				6018.940	6195	0	37742	0.0157	-0.0126	-0.0096	-1.77E+06	1.252
				6019.940	6197	0	37727	0.0157	-0.0126	-0.0096	-1.79E+06	1.253
				6020.940	6199	0	37742	0.0157	-0.0127	-0.0096	-1.81E+06	1.261
				6021.940	6197	0	37742	0.0157	-0.0127	-0.0096	-1.81E+06	1.263
				6022.930	6196	0	37711	0.0157	-0.0127	-0.0096	-1.83E+06	1.268
				6023.930	6196	0	37695	0.0157	-0.0127	-0.0096	-1.83E+06	1.262
				6024.930	6197	0	37695	0.0157	-0.0127	-0.0096	-1.84E+06	1.262
				6025.930	6197	0	37695	0.0157	-0.0127	-0.0096	-1.84E+06	1.256
				6026.930	6198	0	37680	0.0157	-0.0127	-0.0097	-1.84E+06	1.259
				6027.930	6198	0	37664	0.0157	-0.0127	-0.0097	-1.84E+06	1.258
				6028.930	6198	0	37664	0.0157	-0.0127	-0.0097	-1.85E+06	1.255
				6029.930	6197	0	37664	0.0157	-0.0127	-0.0097	-1.85E+06	1.254
				6030.930	6196	0	37664	0.0158	-0.0127	-0.0097	-1.87E+06	1.252
				6031.930	6199	0	37649	0.0158	-0.0127	-0.0097	-1.87E+06	1.252
				6032.930	6199	0	37633	0.0158	-0.0127	-0.0097	-1.90E+06	1.251
				6033.930	6198	0	37586	0.0158	-0.0127	-0.0097	-1.92E+06	1.256
				6034.930	6198	0	37633	0.0158	-0.0127	-0.0097	-1.92E+06	1.260
				6035.930	6198	0	37570	0.0158	-0.0128	-0.0097	-1.93E+06	1.261
				6036.930	6197	0	37586	0.0158	-0.0128	-0.0097	-1.94E+06	1.260
				6037.930	6197	0	37555	0.0158	-0.0128	-0.0098	-1.97E+06	1.263
				6038.930	6197	0	37570	0.0158	-0.0128	-0.0098	-1.97E+06	1.262
				6039.930	6196	0	37555	0.0158	-0.0128	-0.0098	-1.98E+06	1.263
				6040.930	6197	0	37539	0.0158	-0.0128	-0.0098	-1.99E+06	1.259
				6041.930	6197	0	37539	0.0158	-0.0128	-0.0098	-2.00E+06	1.262
				6042.930	6197	0	37508	0.0158	-0.0128	-0.0098	-2.01E+06	1.260
				6043.930	6197	0	37508	0.0158	-0.0128	-0.0098	-2.02E+06	1.260
				6044.930	6197	0	37476	0.0158	-0.0128	-0.0098	-2.04E+06	1.264
				6045.930	6197	0	37476	0.0158	-0.0128	-0.0098	-2.09E+06	1.265
				6046.930	6196	0	37476	0.0158	-0.0128	-0.0098	-2.09E+06	1.266
				6047.930	6197	0	37461	0.0158	-0.0128	-0.0098	-2.10E+06	1.265
				6048.930	6195	0	37461	0.0159	-0.0128	-0.0098	-2.12E+06	1.272
				6049.930	6196	0	37461	0.0159	-0.0128	-0.0098	-2.14E+06	1.268
				6050.930	6198	0	37429	0.0159	-0.0128	-0.0098	-2.16E+06	1.274
				6051.930	6196	0	37445	0.0159	-0.0129	-0.0099	-2.18E+06	1.274
				6052.930	6197	0	37429	0.0159	-0.0129	-0.0099	-2.22E+06	1.276
				6053.920	6196	0	37398	0.0159	-0.0129	-0.0099	-2.24E+06	1.274
				6054.920	6197	0	37398	0.0159	-0.0129	-0.0099	-2.27E+06	1.274
				6055.920	6197	0	37367	0.0159	-0.0129	-0.0099	-2.29E+06	1.273
				6056.920	6196	0	37382	0.0159	-0.0129	-0.0099	-2.30E+06	1.276
				6057.920	6198	0	37351	0.0159	-0.0129	-0.0099	-2.32E+06	1.277
				6058.920	6196	0	37335	0.0159	-0.0129	-0.0099	-2.35E+06	1.278
				6059.920	6197	0	37351	0.0159	-0.0129	-0.0099	-2.38E+06	1.284
				6060.920	6194	0	37304	0.0159	-0.0129	-0.0099	-2.39E+06	1.279
				6061.920	6197	0	37304	0.0159	-0.0129	-0.0099	-2.45E+06	1.289
				6062.920	6198	0	37288	0.0159	-0.0129	-0.0099	-2.47E+06	1.294
				6063.920	6196	0	37288	0.0159	-0.0129	-0.0099	-2.52E+06	1.301
				6064.920	6196	0	37288	0.0159	-0.0129	-0.0100	-2.56E+06	1.308
				6065.920	6196	0	37273	0.0159	-0.0130	-0.0100	-2.59E+06	1.311
				6066.920	6197	0	37257	0.0159	-0.0130	-0.0100	-2.63E+06	1.313
				6067.920	6196	0	37241	0.0160	-0.0130	-0.0100	-2.67E+06	1.316
				6068.920	6196	0	37210	0.0159	-0.0130	-0.0100	-2.71E+06	1.324

				6069.920	6199	0	37210	0.0160	-0.0130	-0.0100	-2.75E+06	1.328
				6070.920	6197	0	37147	0.0160	-0.0130	-0.0100	-2.79E+06	1.332
				6071.920	6197	0	37194	0.0160	-0.0130	-0.0100	-2.85E+06	1.341
				6072.920	6195	0	37147	0.0160	-0.0130	-0.0100	-2.90E+06	1.343
				6073.920	6197	0	37163	0.0160	-0.0130	-0.0101	-2.97E+06	1.351
				6074.920	6198	0	37100	0.0160	-0.0130	-0.0100	-3.01E+06	1.355
				6075.920	6197	0	37116	0.0160	-0.0130	-0.0101	-3.05E+06	1.356
				6076.920	6196	0	37085	0.0160	-0.0130	-0.0101	-3.11E+06	1.361
				6077.920	6196	0	37038	0.0160	-0.0130	-0.0101	-3.15E+06	1.365
				6078.920	6197	0	37053	0.0160	-0.0130	-0.0101	-3.17E+06	1.361
				6079.920	6198	0	37006	0.0160	-0.0131	-0.0101	-3.21E+06	1.363
				6080.920	6198	0	37006	0.0160	-0.0131	-0.0101	-3.24E+06	1.366
				6081.920	6197	0	37022	0.0160	-0.0131	-0.0101	-3.28E+06	1.370
				6082.920	6197	0	36959	0.0160	-0.0131	-0.0101	-3.31E+06	1.372
				6083.920	6197	0	36944	0.0160	-0.0131	-0.0101	-3.35E+06	1.376
				6084.920	6197	0	36944	0.0160	-0.0131	-0.0102	-3.40E+06	1.375
				6085.910	6198	0	36912	0.0161	-0.0131	-0.0101	-3.44E+06	1.379
				6086.910	6196	0	36897	0.0160	-0.0131	-0.0102	-3.49E+06	1.388
				6087.910	6196	0	36897	0.0161	-0.0131	-0.0102	-3.53E+06	1.389
				6088.910	6196	0	36865	0.0161	-0.0131	-0.0102	-3.57E+06	1.390
				6089.910	6196	0	36818	0.0161	-0.0131	-0.0102	-3.60E+06	1.392
				6090.910	6197	0	36818	0.0161	-0.0131	-0.0102	-3.61E+06	1.392
				6091.910	6198	0	36787	0.0161	-0.0132	-0.0102	-3.64E+06	1.396
				6092.910	6197	0	36756	0.0161	-0.0132	-0.0102	-3.66E+06	1.401
				6093.910	6198	0	36787	0.0161	-0.0132	-0.0103	-3.68E+06	1.402
				6094.910	6197	0	36725	0.0161	-0.0132	-0.0103	-3.70E+06	1.406
				6095.910	6197	0	36725	0.0161	-0.0132	-0.0103	-3.73E+06	1.412
				6096.910	6195	0	36678	0.0161	-0.0132	-0.0103	-3.75E+06	1.408
				6097.910	6197	0	36646	0.0161	-0.0132	-0.0103	-3.76E+06	1.410
				6098.910	6197	0	36615	0.0161	-0.0132	-0.0103	-3.77E+06	1.411
				6099.910	6195	0	36631	0.0161	-0.0132	-0.0103	-3.80E+06	1.421
				6100.910	6197	0	36584	0.0161	-0.0132	-0.0103	-3.82E+06	1.422
				6101.910	6195	0	36552	0.0161	-0.0132	-0.0103	-3.84E+06	1.428
				6102.910	6196	0	36552	0.0161	-0.0132	-0.0103	-3.86E+06	1.427
				6103.910	6197	0	36537	0.0162	-0.0132	-0.0103	-3.87E+06	1.428
				6104.910	6198	0	36521	0.0161	-0.0133	-0.0104	-3.87E+06	1.428
				6105.910	6195	0	36521	0.0162	-0.0133	-0.0104	-3.86E+06	1.424
				6106.910	6197	0	36505	0.0162	-0.0133	-0.0104	-3.85E+06	1.419
				6107.910	6196	0	36458	0.0162	-0.0133	-0.0104	-3.83E+06	1.421
				6108.910	6196	0	36458	0.0162	-0.0133	-0.0104	-3.79E+06	1.405
				6109.910	6197	0	36396	0.0162	-0.0133	-0.0104	-3.78E+06	1.405
				6110.910	6196	0	36396	0.0162	-0.0133	-0.0104	-3.77E+06	1.407
				6111.910	6197	0	36396	0.0162	-0.0133	-0.0104	-3.72E+06	1.395
				6112.910	6195	0	36364	0.0162	-0.0133	-0.0104	-3.72E+06	1.401
				6113.910	6195	0	36349	0.0162	-0.0133	-0.0104	-3.70E+06	1.402
				6114.910	6197	0	36333	0.0162	-0.0133	-0.0104	-3.63E+06	1.388
				6115.900	6198	0	36317	0.0162	-0.0133	-0.0104	-3.61E+06	1.388
				6116.900	6196	0	36302	0.0162	-0.0133	-0.0105	-3.57E+06	1.381
				6117.900	6198	0	36302	0.0162	-0.0133	-0.0105	-3.52E+06	1.375
				6118.900	6199	0	36270	0.0162	-0.0133	-0.0105	-3.50E+06	1.372
				6119.900	6198	0	36255	0.0162	-0.0134	-0.0105	-3.47E+06	1.375
				6120.900	6198	0	36223	0.0162	-0.0134	-0.0105	-3.44E+06	1.374
				6121.900	6196	0	36208	0.0162	-0.0134	-0.0105	-3.40E+06	1.370
				6122.900	6198	0	36192	0.0162	-0.0134	-0.0105	-3.39E+06	1.376
				6123.900	6197	0	36192	0.0162	-0.0134	-0.0105	-3.36E+06	1.369
				6124.900	6199	0	36161	0.0162	-0.0134	-0.0105	-3.34E+06	1.365
				6125.900	6197	0	36145	0.0162	-0.0134	-0.0105	-3.32E+06	1.369
				6126.900	6196	0	36129	0.0162	-0.0134	-0.0105	-3.28E+06	1.358
				6127.900	6198	0	36082	0.0163	-0.0134	-0.0105	-3.26E+06	1.359
				6128.900	6199	0	36114	0.0163	-0.0134	-0.0106	-3.21E+06	1.350
				6129.900	6196	0	36098	0.0163	-0.0134	-0.0106	-3.17E+06	1.344
				6130.900	6198	0	36082	0.0163	-0.0134	-0.0106	-3.14E+06	1.339
				6131.900	6196	0	36067	0.0163	-0.0134	-0.0106	-3.10E+06	1.334
				6132.900	6194	0	36051	0.0163	-0.0134	-0.0106	-3.06E+06	1.325
				6133.900	6196	0	36035	0.0163	-0.0134	-0.0106	-3.05E+06	1.325
				6134.900	6196	0	36035	0.0163	-0.0134	-0.0106	-3.03E+06	1.328
				6135.900	6198	0	36004	0.0163	-0.0135	-0.0106	-3.02E+06	1.322
				6136.900	6195	0	35988	0.0163	-0.0135	-0.0106	-2.98E+06	1.316
				6137.900	6197	0	35988	0.0163	-0.0135	-0.0106	-2.95E+06	1.316
				6138.900	6197	0	35957	0.0163	-0.0135	-0.0106	-2.91E+06	1.304
				6139.900	6198	0	35957	0.0163	-0.0135	-0.0106	-2.88E+06	1.300
				6140.900	6198	0	35942	0.0163	-0.0135	-0.0107	-2.87E+06	1.302
				6141.900	6198	0	35926	0.0163	-0.0135	-0.0107	-2.82E+06	1.288
				6142.900	6197	0	35926	0.0163	-0.0135	-0.0107	-2.81E+06	1.291
				6143.900	6194	0	35894	0.0163	-0.0135	-0.0107	-2.77E+06	1.289
				6144.900	6199	0	35894	0.0163	-0.0135	-0.0107	-2.74E+06	1.282

6145.900	6197	0	35863	0.0163	-0.0135	-0.0107	-2.71E+06	1.280
6146.900	6198	0	35863	0.0163	-0.0135	-0.0107	-2.69E+06	1.280
6147.890	6196	0	35847	0.0163	-0.0135	-0.0107	-2.65E+06	1.269
6148.890	6197	0	35832	0.0164	-0.0135	-0.0107	-2.64E+06	1.263
6149.890	6197	0	35832	0.0164	-0.0135	-0.0107	-2.62E+06	1.265
6150.890	6196	0	35816	0.0164	-0.0135	-0.0107	-2.58E+06	1.260
6151.890	6196	0	35785	0.0164	-0.0135	-0.0107	-2.57E+06	1.261
6152.890	6196	0	35816	0.0164	-0.0136	-0.0107	-2.56E+06	1.267
6153.890	6196	0	35801	0.0164	-0.0136	-0.0107	-2.55E+06	1.264
6154.890	6198	0	35785	0.0164	-0.0136	-0.0108	-2.54E+06	1.261
6155.890	6195	0	35754	0.0164	-0.0136	-0.0108	-2.53E+06	1.262
6156.890	6196	0	35738	0.0164	-0.0136	-0.0108	-2.51E+06	1.260
6157.890	6197	0	35691	0.0164	-0.0136	-0.0108	-2.50E+06	1.257
6158.890	6195	0	35691	0.0164	-0.0136	-0.0108	-2.50E+06	1.261
6159.890	6197	0	35691	0.0164	-0.0136	-0.0108	-2.47E+06	1.248
6160.890	6197	0	35675	0.0164	-0.0136	-0.0108	-2.45E+06	1.247
6161.890	6197	0	35691	0.0164	-0.0136	-0.0108	-2.43E+06	1.242
6162.890	6196	0	35675	0.0164	-0.0136	-0.0108	-2.42E+06	1.239
6163.890	6196	0	35644	0.0164	-0.0136	-0.0108	-2.41E+06	1.238
6164.890	6197	0	35660	0.0164	-0.0136	-0.0108	-2.41E+06	1.239
6165.890	6197	0	35613	0.0164	-0.0136	-0.0108	-2.37E+06	1.225
6166.890	6195	0	35613	0.0164	-0.0136	-0.0108	-2.36E+06	1.225
6167.890	6196	0	35613	0.0164	-0.0136	-0.0109	-2.34E+06	1.218
6168.890	6197	0	35597	0.0165	-0.0137	-0.0109	-2.32E+06	1.217
6169.890	6197	0	35581	0.0165	-0.0137	-0.0109	-2.31E+06	1.216
6170.890	6198	0	35581	0.0165	-0.0137	-0.0109	-2.30E+06	1.218
6171.890	6198	0	35566	0.0165	-0.0137	-0.0109	-2.29E+06	1.212
6172.890	6197	0	35566	0.0165	-0.0137	-0.0109	-2.27E+06	1.204
6173.890	6197	0	35519	0.0165	-0.0137	-0.0109	-2.27E+06	1.207
6174.890	6196	0	35534	0.0165	-0.0137	-0.0109	-2.26E+06	1.200
6175.890	6197	0	35550	0.0165	-0.0137	-0.0109	-2.24E+06	1.198
6176.890	6197	0	35519	0.0165	-0.0137	-0.0109	-2.23E+06	1.207
6177.890	6198	0	35519	0.0165	-0.0137	-0.0109	-2.22E+06	1.190
6178.050	6196	0	35519	0.0165	-0.0137	-0.0109	-2.16E+06	1.187