

TIME (sec)	ALT (ft)	LONG (deg)	GDLAT (deg)	XF (ft)	YF (ft)	ZF (ft)
3.84E-07	80.90443	-75.4877	37.83386	4146692	-1.6E+07	12765457
0.006667	80.90443	-75.4877	37.83386	4146692	-1.6E+07	12765457
0.2	80.90085	-75.4877	37.83386	4146692	-1.6E+07	12765457
0.4	80.89934	-75.4877	37.83386	4146692	-1.6E+07	12765457
0.6	80.89639	-75.4877	37.83386	4146692	-1.6E+07	12765457
0.8	80.8899	-75.4877	37.83386	4146692	-1.6E+07	12765457
1	80.88321	-75.4877	37.83386	4146692	-1.6E+07	12765457
1.2	80.87652	-75.4877	37.83386	4146692	-1.6E+07	12765457
1.4	80.87	-75.4877	37.83386	4146692	-1.6E+07	12765457
1.6	80.86345	-75.4877	37.83386	4146692	-1.6E+07	12765457
1.8	80.856	-75.4877	37.83386	4146692	-1.6E+07	12765457
2	80.84654	-75.4877	37.83386	4146692	-1.6E+07	12765457
2.2	80.87348	-75.4877	37.83386	4146692	-1.6E+07	12765457
2.326667	81.00583	-75.4877	37.83386	4146693	-1.6E+07	12765457
2.4	81.13197	-75.4877	37.83386	4146693	-1.6E+07	12765457
2.6	81.6611	-75.4877	37.83386	4146693	-1.6E+07	12765457
2.8	82.46214	-75.4877	37.83386	4146693	-1.6E+07	12765458
3	83.53634	-75.4877	37.83386	4146693	-1.6E+07	12765458
3.2	84.88496	-75.4877	37.83386	4146693	-1.6E+07	12765459
3.4	86.50926	-75.4877	37.83386	4146693	-1.6E+07	12765460
3.6	88.40986	-75.4877	37.83386	4146694	-1.6E+07	12765461
3.8	90.58702	-75.4877	37.83386	4146694	-1.6E+07	12765463
4	93.04189	-75.4877	37.83386	4146695	-1.6E+07	12765464
4.2	95.77594	-75.4877	37.83386	4146696	-1.6E+07	12765466
4.4	98.79005	-75.4877	37.83386	4146696	-1.6E+07	12765467
4.6	102.0848	-75.4877	37.83386	4146697	-1.6E+07	12765469
4.8	105.661	-75.4877	37.83386	4146698	-1.6E+07	12765471
5	109.5203	-75.4877	37.83386	4146699	-1.6E+07	12765473
5.200001	113.6647	-75.4877	37.83385	4146700	-1.6E+07	12765475
5.400001	118.0962	-75.4877	37.83385	4146702	-1.6E+07	12765477
5.600001	122.8165	-75.4877	37.83385	4146703	-1.6E+07	12765480
5.800001	127.8273	-75.4877	37.83385	4146704	-1.6E+07	12765482
6.000001	133.1297	-75.4877	37.83385	4146706	-1.6E+07	12765485
6.200001	138.7251	-75.4877	37.83385	4146708	-1.6E+07	12765488
6.400001	144.6151	-75.4877	37.83384	4146709	-1.6E+07	12765491
6.600001	150.8007	-75.4877	37.83384	4146711	-1.6E+07	12765494
6.800001	157.2832	-75.4877	37.83384	4146713	-1.6E+07	12765498
7.000001	164.0639	-75.4877	37.83384	4146714	-1.6E+07	12765502
7.200001	171.1439	-75.4877	37.83384	4146716	-1.6E+07	12765505
7.400001	178.5247	-75.4877	37.83384	4146718	-1.6E+07	12765510
7.600001	186.2075	-75.4877	37.83383	4146720	-1.6E+07	12765514
7.800001	194.1935	-75.4877	37.83383	4146722	-1.6E+07	12765518
8.000001	202.4841	-75.4877	37.83383	4146724	-1.6E+07	12765523

8.200001	211.0806	-75.4877	37.83383	4146727	-1.6E+07	12765528
8.400001	219.9842	-75.4877	37.83383	4146729	-1.6E+07	12765533
8.600001	229.1962	-75.4877	37.83383	4146731	-1.6E+07	12765538
8.800001	238.7179	-75.4877	37.83382	4146734	-1.6E+07	12765543
9.000001	248.5507	-75.4877	37.83382	4146736	-1.6E+07	12765549
9.200001	258.6957	-75.4876	37.83382	4146738	-1.6E+07	12765554
9.400001	269.1544	-75.4876	37.83382	4146741	-1.6E+07	12765560
9.600001	279.928	-75.4876	37.83382	4146744	-1.6E+07	12765566
9.800001	291.0177	-75.4876	37.83382	4146746	-1.6E+07	12765573
10	302.4249	-75.4876	37.83381	4146749	-1.6E+07	12765579
10.2	314.151	-75.4876	37.83381	4146752	-1.6E+07	12765586
10.4	326.1971	-75.4876	37.83381	4146755	-1.6E+07	12765593
10.6	338.5647	-75.4876	37.83381	4146758	-1.6E+07	12765600
10.8	351.255	-75.4876	37.83381	4146761	-1.6E+07	12765607
11	364.2693	-75.4876	37.83381	4146764	-1.6E+07	12765615
11.2	377.609	-75.4876	37.8338	4146768	-1.6E+07	12765622
11.4	391.2754	-75.4876	37.8338	4146771	-1.6E+07	12765630
11.6	405.2698	-75.4876	37.8338	4146774	-1.6E+07	12765638
11.8	419.5936	-75.4876	37.8338	4146778	-1.6E+07	12765647
12	434.248	-75.4876	37.8338	4146781	-1.6E+07	12765655
12.2	449.2344	-75.4876	37.8338	4146785	-1.6E+07	12765664
12.4	464.5541	-75.4876	37.83379	4146788	-1.6E+07	12765673
12.6	480.2085	-75.4876	37.83379	4146792	-1.6E+07	12765682
12.8	496.1988	-75.4876	37.83379	4146796	-1.6E+07	12765691
13	512.5265	-75.4876	37.83379	4146800	-1.6E+07	12765701
13.2	529.1928	-75.4876	37.83379	4146804	-1.6E+07	12765710
13.4	546.1992	-75.4876	37.83378	4146808	-1.6E+07	12765720
13.6	563.547	-75.4876	37.83378	4146812	-1.6E+07	12765730
13.8	581.2375	-75.4876	37.83378	4146816	-1.6E+07	12765741
14	599.272	-75.4876	37.83378	4146820	-1.6E+07	12765751
14.2	617.652	-75.4876	37.83378	4146824	-1.6E+07	12765762
14.4	636.3788	-75.4876	37.83378	4146829	-1.6E+07	12765773
14.6	655.4538	-75.4876	37.83377	4146833	-1.6E+07	12765784
14.8	674.8783	-75.4876	37.83377	4146838	-1.6E+07	12765796
15	694.6537	-75.4876	37.83377	4146843	-1.6E+07	12765807
15.2	714.7815	-75.4876	37.83377	4146847	-1.6E+07	12765819
15.4	735.2629	-75.4876	37.83377	4146852	-1.6E+07	12765831
15.6	756.0994	-75.4876	37.83377	4146857	-1.6E+07	12765843
15.8	777.2923	-75.4876	37.83376	4146862	-1.6E+07	12765856
16	798.8431	-75.4876	37.83376	4146867	-1.6E+07	12765869
16.2	820.7532	-75.4876	37.83376	4146872	-1.6E+07	12765882
16.4	843.0239	-75.4876	37.83376	4146877	-1.6E+07	12765895
16.6	865.6566	-75.4876	37.83376	4146883	-1.6E+07	12765908
16.8	888.6528	-75.4876	37.83375	4146888	-1.6E+07	12765922
17	912.0138	-75.4876	37.83375	4146893	-1.6E+07	12765935
17.2	935.7411	-75.4876	37.83375	4146899	-1.6E+07	12765949
17.4	959.8362	-75.4876	37.83375	4146905	-1.6E+07	12765964

17.6	984.3003	-75.4876	37.83375	4146910	-1.6E+07	12765978
17.8	1009.135	-75.4876	37.83375	4146916	-1.6E+07	12765993
18	1034.342	-75.4876	37.83374	4146922	-1.6E+07	12766008
18.2	1059.922	-75.4876	37.83374	4146928	-1.6E+07	12766023
18.4	1085.877	-75.4876	37.83374	4146934	-1.6E+07	12766038
18.6	1112.208	-75.4875	37.83374	4146940	-1.6E+07	12766054
18.8	1138.917	-75.4875	37.83374	4146947	-1.6E+07	12766070
19	1166.006	-75.4875	37.83373	4146953	-1.6E+07	12766086
19.2	1193.475	-75.4875	37.83373	4146959	-1.6E+07	12766102
19.4	1221.326	-75.4875	37.83373	4146966	-1.6E+07	12766119
19.6	1249.561	-75.4875	37.83373	4146973	-1.6E+07	12766135
19.8	1278.181	-75.4875	37.83373	4146979	-1.6E+07	12766152
20	1307.188	-75.4875	37.83372	4146986	-1.6E+07	12766169
20.2	1336.583	-75.4875	37.83372	4146993	-1.6E+07	12766187
20.4	1366.367	-75.4875	37.83372	4147001	-1.6E+07	12766205
20.6	1396.543	-75.4875	37.83372	4147008	-1.6E+07	12766222
20.8	1427.112	-75.4875	37.83372	4147015	-1.6E+07	12766241
21	1458.074	-75.4875	37.83371	4147023	-1.6E+07	12766259
21.2	1489.433	-75.4875	37.83371	4147030	-1.6E+07	12766278
21.4	1521.188	-75.4875	37.83371	4147038	-1.6E+07	12766296
21.6	1553.343	-75.4875	37.83371	4147046	-1.6E+07	12766316
21.8	1585.898	-75.4875	37.8337	4147053	-1.6E+07	12766335
22	1618.854	-75.4875	37.8337	4147062	-1.6E+07	12766354
22.2	1652.215	-75.4875	37.8337	4147070	-1.6E+07	12766374
22.4	1685.98	-75.4875	37.8337	4147078	-1.6E+07	12766394
22.6	1720.152	-75.4875	37.83369	4147086	-1.6E+07	12766415
22.8	1754.732	-75.4875	37.83369	4147095	-1.6E+07	12766435
23	1789.723	-75.4875	37.83369	4147104	-1.6E+07	12766456
23.2	1825.124	-75.4874	37.83369	4147112	-1.6E+07	12766477
23.4	1860.939	-75.4874	37.83369	4147121	-1.6E+07	12766498
23.6	1897.169	-75.4874	37.83368	4147130	-1.6E+07	12766520
23.8	1933.815	-75.4874	37.83368	4147140	-1.6E+07	12766541
24	1970.879	-75.4874	37.83368	4147149	-1.6E+07	12766563
24.2	2008.363	-75.4874	37.83367	4147158	-1.6E+07	12766585
24.4	2046.264	-75.4874	37.83367	4147168	-1.6E+07	12766608
24.6	2084.572	-75.4874	37.83367	4147178	-1.6E+07	12766631
24.8	2123.278	-75.4874	37.83367	4147188	-1.6E+07	12766654
25	2162.369	-75.4874	37.83366	4147198	-1.6E+07	12766677
25.2	2201.834	-75.4874	37.83366	4147208	-1.6E+07	12766700
25.4	2241.664	-75.4874	37.83366	4147218	-1.6E+07	12766724
25.6	2281.862	-75.4874	37.83366	4147228	-1.6E+07	12766748
25.8	2322.428	-75.4874	37.83365	4147239	-1.6E+07	12766772
26	2363.363	-75.4873	37.83365	4147250	-1.6E+07	12766796
26.2	2404.669	-75.4873	37.83365	4147261	-1.6E+07	12766820
26.4	2446.348	-75.4873	37.83364	4147271	-1.6E+07	12766845
26.6	2488.4	-75.4873	37.83364	4147283	-1.6E+07	12766870
26.8	2530.827	-75.4873	37.83364	4147294	-1.6E+07	12766895

27	2573.632	-75.4873	37.83363	4147305	-1.6E+07	12766920
27.2	2616.814	-75.4873	37.83363	4147317	-1.6E+07	12766946
27.4	2660.375	-75.4873	37.83363	4147328	-1.6E+07	12766972
27.6	2704.318	-75.4873	37.83362	4147340	-1.6E+07	12766998
27.8	2748.642	-75.4873	37.83362	4147352	-1.6E+07	12767024
28	2793.351	-75.4872	37.83362	4147364	-1.6E+07	12767050
28.2	2838.445	-75.4872	37.83361	4147377	-1.6E+07	12767077
28.4	2883.925	-75.4872	37.83361	4147389	-1.6E+07	12767104
28.6	2929.793	-75.4872	37.83361	4147402	-1.6E+07	12767131
28.8	2976.051	-75.4872	37.8336	4147414	-1.6E+07	12767158
29	3022.7	-75.4872	37.8336	4147427	-1.6E+07	12767186
29.2	3069.743	-75.4872	37.8336	4147440	-1.6E+07	12767214
29.4	3117.179	-75.4872	37.83359	4147454	-1.6E+07	12767242
29.6	3165.013	-75.4871	37.83359	4147467	-1.6E+07	12767270
29.8	3213.244	-75.4871	37.83358	4147480	-1.6E+07	12767298
30	3261.875	-75.4871	37.83358	4147494	-1.6E+07	12767327
30.2	3310.908	-75.4871	37.83358	4147508	-1.6E+07	12767356
30.4	3360.344	-75.4871	37.83357	4147522	-1.6E+07	12767385
30.6	3410.185	-75.4871	37.83357	4147536	-1.6E+07	12767414
30.8	3460.433	-75.4871	37.83356	4147551	-1.6E+07	12767444
31	3511.088	-75.487	37.83356	4147565	-1.6E+07	12767474
31.2	3562.154	-75.487	37.83355	4147580	-1.6E+07	12767504
31.4	3613.63	-75.487	37.83355	4147595	-1.6E+07	12767534
31.6	3665.521	-75.487	37.83355	4147610	-1.6E+07	12767565
31.8	3717.826	-75.487	37.83354	4147625	-1.6E+07	12767596
32	3770.548	-75.487	37.83354	4147641	-1.6E+07	12767627
32.2	3823.687	-75.4869	37.83353	4147656	-1.6E+07	12767658
32.4	3877.247	-75.4869	37.83353	4147672	-1.6E+07	12767689
32.6	3931.228	-75.4869	37.83352	4147688	-1.6E+07	12767721
32.8	3985.631	-75.4869	37.83352	4147704	-1.6E+07	12767753
33	4040.459	-75.4869	37.83351	4147721	-1.6E+07	12767785
33.2	4095.714	-75.4869	37.83351	4147737	-1.6E+07	12767818
33.4	4151.396	-75.4868	37.8335	4147754	-1.6E+07	12767850
33.6	4207.508	-75.4868	37.8335	4147771	-1.6E+07	12767883
33.8	4264.051	-75.4868	37.83349	4147788	-1.6E+07	12767916
34	4321.027	-75.4868	37.83349	4147805	-1.6E+07	12767950
34.2	4378.437	-75.4868	37.83348	4147823	-1.6E+07	12767984
34.4	4436.283	-75.4867	37.83348	4147840	-1.6E+07	12768017
34.6	4494.567	-75.4867	37.83347	4147858	-1.6E+07	12768052
34.8	4553.29	-75.4867	37.83346	4147876	-1.6E+07	12768086
35	4612.454	-75.4867	37.83346	4147895	-1.6E+07	12768121
35.2	4672.061	-75.4866	37.83345	4147913	-1.6E+07	12768156
35.4	4732.112	-75.4866	37.83345	4147932	-1.6E+07	12768191
35.6	4792.61	-75.4866	37.83344	4147951	-1.6E+07	12768226
35.8	4853.555	-75.4866	37.83344	4147970	-1.6E+07	12768262
36	4914.949	-75.4866	37.83343	4147989	-1.6E+07	12768298
36.2	4976.794	-75.4865	37.83342	4148009	-1.6E+07	12768334

36.4	5039.092	-75.4865	37.83342	4148029	-1.6E+07	12768370
36.6	5101.844	-75.4865	37.83341	4148049	-1.6E+07	12768407
36.8	5165.053	-75.4864	37.8334	4148069	-1.6E+07	12768444
37	5228.719	-75.4864	37.8334	4148089	-1.6E+07	12768481
37.2	5292.846	-75.4864	37.83339	4148110	-1.6E+07	12768518
37.4	5357.433	-75.4864	37.83338	4148131	-1.6E+07	12768556
37.6	5422.483	-75.4863	37.83338	4148152	-1.6E+07	12768594
37.8	5487.999	-75.4863	37.83337	4148173	-1.6E+07	12768632
38	5553.98	-75.4863	37.83336	4148195	-1.6E+07	12768671
38.2	5620.429	-75.4863	37.83336	4148216	-1.6E+07	12768710
38.4	5687.349	-75.4862	37.83335	4148238	-1.6E+07	12768749
38.6	5754.74	-75.4862	37.83334	4148261	-1.6E+07	12768788
38.8	5822.604	-75.4862	37.83334	4148283	-1.6E+07	12768827
39	5890.944	-75.4861	37.83333	4148306	-1.6E+07	12768867
39.2	5959.761	-75.4861	37.83332	4148329	-1.6E+07	12768907
39.4	6029.056	-75.4861	37.83331	4148352	-1.6E+07	12768948
39.6	6098.832	-75.486	37.83331	4148375	-1.6E+07	12768988
39.8	6169.09	-75.486	37.8333	4148399	-1.6E+07	12769029
40	6239.832	-75.486	37.83329	4148423	-1.6E+07	12769070
40.2	6311.059	-75.4859	37.83328	4148447	-1.6E+07	12769112
40.4	6382.774	-75.4859	37.83327	4148471	-1.6E+07	12769153
40.6	6454.979	-75.4859	37.83327	4148496	-1.6E+07	12769195
40.8	6527.674	-75.4858	37.83326	4148520	-1.6E+07	12769237
41	6600.861	-75.4858	37.83325	4148545	-1.6E+07	12769280
41.2	6674.544	-75.4858	37.83324	4148571	-1.6E+07	12769323
41.4	6748.722	-75.4857	37.83323	4148596	-1.6E+07	12769366
41.6	6823.398	-75.4857	37.83322	4148622	-1.6E+07	12769409
41.8	6898.574	-75.4856	37.83321	4148648	-1.6E+07	12769453
42	6974.252	-75.4856	37.83321	4148675	-1.6E+07	12769496
42.2	7050.434	-75.4856	37.8332	4148701	-1.6E+07	12769541
42.4	7127.122	-75.4855	37.83319	4148728	-1.6E+07	12769585
42.6	7204.317	-75.4855	37.83318	4148755	-1.6E+07	12769630
42.8	7282.02	-75.4854	37.83317	4148783	-1.6E+07	12769675
43	7360.235	-75.4854	37.83316	4148810	-1.6E+07	12769720
43.2	7438.963	-75.4854	37.83315	4148838	-1.6E+07	12769766
43.4	7518.204	-75.4853	37.83314	4148866	-1.6E+07	12769811
43.6	7597.962	-75.4853	37.83313	4148895	-1.6E+07	12769857
43.8	7678.237	-75.4852	37.83312	4148923	-1.6E+07	12769904
44	7759.031	-75.4852	37.83311	4148952	-1.6E+07	12769950
44.2	7840.347	-75.4851	37.8331	4148982	-1.6E+07	12769997
44.4	7922.185	-75.4851	37.83309	4149011	-1.6E+07	12770044
44.6	8004.548	-75.485	37.83308	4149041	-1.6E+07	12770092
44.8	8087.436	-75.485	37.83307	4149071	-1.6E+07	12770139
45	8170.852	-75.485	37.83306	4149102	-1.6E+07	12770187
45.2	8254.798	-75.4849	37.83304	4149132	-1.6E+07	12770235
45.4	8339.276	-75.4849	37.83303	4149163	-1.6E+07	12770284
45.6	8424.286	-75.4848	37.83302	4149195	-1.6E+07	12770332

45.8	8509.832	-75.4848	37.83301	4149226	-1.6E+07	12770381
46	8595.915	-75.4847	37.83299	4149258	-1.6E+07	12770430
46.2	8682.536	-75.4847	37.83298	4149290	-1.6E+07	12770480
46.4	8769.696	-75.4846	37.83297	4149323	-1.6E+07	12770529
46.6	8857.398	-75.4845	37.83295	4149356	-1.6E+07	12770579
46.8	8945.643	-75.4845	37.83294	4149389	-1.6E+07	12770629
47	9034.434	-75.4844	37.83293	4149423	-1.6E+07	12770680
47.2	9123.772	-75.4844	37.83291	4149456	-1.6E+07	12770730
47.4	9213.658	-75.4843	37.8329	4149491	-1.6E+07	12770781
47.6	9304.095	-75.4843	37.83288	4149525	-1.6E+07	12770832
47.8	9395.083	-75.4842	37.83287	4149560	-1.6E+07	12770884
48	9486.625	-75.4842	37.83285	4149595	-1.6E+07	12770936
48.2	9578.722	-75.4841	37.83284	4149631	-1.6E+07	12770987
48.4	9671.376	-75.484	37.83282	4149666	-1.6E+07	12771040
48.6	9764.587	-75.484	37.8328	4149703	-1.6E+07	12771092
48.8	9858.359	-75.4839	37.83279	4149739	-1.6E+07	12771145
49	9952.694	-75.4839	37.83277	4149776	-1.6E+07	12771198
49.2	10047.59	-75.4838	37.83275	4149813	-1.6E+07	12771251
49.4	10143.06	-75.4837	37.83273	4149851	-1.6E+07	12771304
49.6	10239.08	-75.4837	37.83271	4149889	-1.6E+07	12771358
49.8	10335.68	-75.4836	37.8327	4149927	-1.6E+07	12771412
50	10432.85	-75.4835	37.83268	4149966	-1.6E+07	12771466
50.2	10530.59	-75.4835	37.83266	4150005	-1.6E+07	12771520
50.4	10628.9	-75.4834	37.83264	4150045	-1.6E+07	12771575
50.6	10727.79	-75.4833	37.83262	4150085	-1.6E+07	12771630
50.8	10827.25	-75.4833	37.8326	4150125	-1.6E+07	12771685
51	10927.3	-75.4832	37.83258	4150166	-1.6E+07	12771740
51.2	11027.92	-75.4831	37.83256	4150207	-1.6E+07	12771796
51.4	11129.12	-75.4831	37.83253	4150248	-1.6E+07	12771852
51.6	11230.91	-75.483	37.83251	4150290	-1.6E+07	12771908
51.8	11333.28	-75.4829	37.83249	4150332	-1.6E+07	12771964
52	11436.24	-75.4828	37.83247	4150375	-1.6E+07	12772021
52.2	11539.78	-75.4828	37.83245	4150418	-1.6E+07	12772078
52.4	11643.92	-75.4827	37.83242	4150462	-1.6E+07	12772135
52.6	11748.64	-75.4826	37.8324	4150506	-1.6E+07	12772192
52.8	11853.96	-75.4825	37.83237	4150550	-1.6E+07	12772250
53	11959.87	-75.4824	37.83235	4150595	-1.6E+07	12772308
53.2	12066.38	-75.4824	37.83232	4150640	-1.6E+07	12772366
53.4	12173.49	-75.4823	37.8323	4150686	-1.6E+07	12772424
53.6	12281.19	-75.4822	37.83227	4150732	-1.6E+07	12772483
53.8	12389.5	-75.4821	37.83225	4150779	-1.6E+07	12772542
54	12498.4	-75.482	37.83222	4150826	-1.6E+07	12772601
54.2	12607.91	-75.4819	37.83219	4150873	-1.6E+07	12772660
54.4	12718.03	-75.4818	37.83216	4150921	-1.6E+07	12772720
54.6	12828.75	-75.4818	37.83214	4150969	-1.6E+07	12772779
54.8	12940.09	-75.4817	37.83211	4151018	-1.6E+07	12772839
55	13052.02	-75.4816	37.83208	4151068	-1.6E+07	12772900

55.2	13164.58	-75.4815	37.83205	4151117	-1.6E+07	12772960
55.4	13277.74	-75.4814	37.83202	4151168	-1.6E+07	12773021
55.6	13391.52	-75.4813	37.83199	4151218	-1.6E+07	12773082
55.8	13505.91	-75.4812	37.83196	4151270	-1.6E+07	12773143
56	13620.92	-75.4811	37.83192	4151321	-1.6E+07	12773204
56.2	13736.55	-75.481	37.83189	4151374	-1.6E+07	12773266
56.4	13852.79	-75.4809	37.83186	4151427	-1.6E+07	12773328
56.6	13969.66	-75.4808	37.83183	4151480	-1.6E+07	12773390
56.8	14087.15	-75.4807	37.83179	4151534	-1.6E+07	12773452
57	14205.26	-75.4806	37.83176	4151588	-1.6E+07	12773515
57.2	14324	-75.4805	37.83172	4151643	-1.6E+07	12773578
57.4	14443.36	-75.4804	37.83169	4151698	-1.6E+07	12773641
57.6	14563.36	-75.4803	37.83165	4151754	-1.6E+07	12773704
57.8	14683.98	-75.4802	37.83161	4151811	-1.6E+07	12773767
58	14805.23	-75.4801	37.83158	4151867	-1.6E+07	12773831
58.2	14927.12	-75.4799	37.83154	4151925	-1.6E+07	12773895
58.4	15049.64	-75.4798	37.8315	4151983	-1.6E+07	12773959
58.6	15172.79	-75.4797	37.83146	4152042	-1.6E+07	12774024
58.8	15296.58	-75.4796	37.83142	4152101	-1.6E+07	12774088
59	15421.01	-75.4795	37.83138	4152161	-1.6E+07	12774153
59.2	15546.08	-75.4794	37.83134	4152221	-1.6E+07	12774218
59.4	15671.79	-75.4792	37.8313	4152282	-1.6E+07	12774283
59.6	15798.14	-75.4791	37.83126	4152343	-1.6E+07	12774349
59.8	15925.14	-75.479	37.83122	4152405	-1.6E+07	12774414
60	16052.78	-75.4789	37.83117	4152468	-1.6E+07	12774480
60.2	16181.06	-75.4787	37.83113	4152531	-1.6E+07	12774546
60.4	16310	-75.4786	37.83109	4152595	-1.6E+07	12774612
60.6	16439.58	-75.4785	37.83104	4152659	-1.6E+07	12774679
60.8	16569.81	-75.4784	37.83099	4152724	-1.6E+07	12774745
61	16700.69	-75.4782	37.83095	4152790	-1.6E+07	12774812
61.2	16832.22	-75.4781	37.8309	4152856	-1.6E+07	12774879
61.4	16964.4	-75.478	37.83085	4152923	-1.6E+07	12774947
61.6	17097.24	-75.4778	37.8308	4152990	-1.6E+07	12775014
61.8	17230.73	-75.4777	37.83075	4153058	-1.6E+07	12775082
62	17364.88	-75.4775	37.8307	4153127	-1.6E+07	12775150
62.2	17499.68	-75.4774	37.83065	4153196	-1.6E+07	12775218
62.4	17635.14	-75.4773	37.8306	4153266	-1.6E+07	12775286
62.6	17771.25	-75.4771	37.83055	4153337	-1.6E+07	12775354
62.8	17908.03	-75.477	37.8305	4153408	-1.6E+07	12775423
63	18045.46	-75.4768	37.83044	4153480	-1.6E+07	12775492
63.2	18183.56	-75.4767	37.83039	4153553	-1.6E+07	12775561
63.4	18322.32	-75.4765	37.83033	4153626	-1.6E+07	12775630
63.6	18461.74	-75.4764	37.83028	4153700	-1.6E+07	12775699
63.8	18601.83	-75.4762	37.83022	4153774	-1.6E+07	12775769
64	18742.58	-75.476	37.83016	4153849	-1.6E+07	12775839
64.2	18884.01	-75.4759	37.8301	4153925	-1.6E+07	12775908
64.4	19026.09	-75.4757	37.83004	4154002	-1.6E+07	12775978

64.6	19168.85	-75.4756	37.82998	4154079	-1.6E+07	12776049
64.8	19312.27	-75.4754	37.82992	4154157	-1.6E+07	12776119
65	19456.37	-75.4752	37.82986	4154236	-1.6E+07	12776190
65.2	19601.14	-75.4751	37.8298	4154315	-1.6E+07	12776260
65.4	19746.57	-75.4749	37.82973	4154395	-1.6E+07	12776331
65.6	19892.66	-75.4747	37.82967	4154476	-1.6E+07	12776402
65.8	20039.38	-75.4745	37.8296	4154557	-1.6E+07	12776474
66	20186.73	-75.4744	37.82954	4154639	-1.6E+07	12776545
66.2	20334.68	-75.4742	37.82947	4154722	-1.6E+07	12776616
66.4	20483.23	-75.474	37.8294	4154805	-1.6E+07	12776688
66.6	20632.38	-75.4738	37.82934	4154889	-1.6E+07	12776760
66.8	20782.13	-75.4736	37.82927	4154974	-1.6E+07	12776831
67	20932.47	-75.4735	37.8292	4155060	-1.6E+07	12776903
67.2	21083.41	-75.4733	37.82912	4155146	-1.6E+07	12776975
67.4	21234.95	-75.4731	37.82905	4155233	-1.6E+07	12777048
67.6	21387.09	-75.4729	37.82898	4155320	-1.6E+07	12777120
67.8	21539.84	-75.4727	37.8289	4155409	-1.6E+07	12777192
68	21693.18	-75.4725	37.82883	4155498	-1.6E+07	12777265
68.2	21847.13	-75.4723	37.82875	4155588	-1.6E+07	12777337
68.4	22001.68	-75.4721	37.82868	4155678	-1.6E+07	12777410
68.6	22156.83	-75.4719	37.8286	4155769	-1.6E+07	12777483
68.8	22312.58	-75.4717	37.82852	4155861	-1.6E+07	12777555
69	22468.94	-75.4715	37.82844	4155954	-1.6E+07	12777628
69.2	22625.91	-75.4713	37.82836	4156048	-1.6E+07	12777701
69.4	22783.48	-75.4711	37.82828	4156142	-1.6E+07	12777774
69.6	22941.65	-75.4709	37.8282	4156237	-1.6E+07	12777848
69.8	23100.43	-75.4707	37.82811	4156333	-1.6E+07	12777921
70	23259.82	-75.4705	37.82803	4156429	-1.6E+07	12777994
70.2	23419.81	-75.4702	37.82794	4156526	-1.6E+07	12778068
70.4	23580.41	-75.47	37.82785	4156624	-1.6E+07	12778141
70.6	23741.61	-75.4698	37.82777	4156723	-1.6E+07	12778215
70.8	23903.42	-75.4696	37.82768	4156823	-1.6E+07	12778288
71	24065.83	-75.4693	37.82759	4156923	-1.6E+07	12778362
71.2	24228.85	-75.4691	37.8275	4157024	-1.6E+07	12778436
71.4	24392.47	-75.4689	37.8274	4157126	-1.6E+07	12778510
71.6	24556.7	-75.4687	37.82731	4157229	-1.6E+07	12778584
71.8	24721.54	-75.4684	37.82722	4157333	-1.6E+07	12778658
72	24886.97	-75.4682	37.82712	4157437	-1.6E+07	12778731
72.2	25053.02	-75.4679	37.82703	4157542	-1.6E+07	12778806
72.4	25219.66	-75.4677	37.82693	4157648	-1.6E+07	12778880
72.6	25386.91	-75.4675	37.82683	4157755	-1.6E+07	12778954
72.8	25554.77	-75.4672	37.82673	4157863	-1.6E+07	12779028
73	25723.23	-75.467	37.82663	4157971	-1.6E+07	12779102
73.2	25892.29	-75.4667	37.82653	4158081	-1.6E+07	12779176
73.4	26061.96	-75.4665	37.82642	4158191	-1.6E+07	12779251
73.6	26232.22	-75.4662	37.82632	4158302	-1.6E+07	12779325
73.8	26403.09	-75.466	37.82621	4158414	-1.6E+07	12779399



74	26574.56	-75.4657	37.8261	4158526	-1.6E+07	12779474
74.2	26746.64	-75.4654	37.826	4158640	-1.6E+07	12779548
74.4	26919.32	-75.4652	37.82589	4158754	-1.6E+07	12779622
74.6	27092.6	-75.4649	37.82578	4158870	-1.6E+07	12779697
74.8	27266.48	-75.4646	37.82566	4158986	-1.6E+07	12779771
75	27440.96	-75.4644	37.82555	4159103	-1.6E+07	12779846
75.2	27616.04	-75.4641	37.82544	4159221	-1.6E+07	12779920
75.4	27791.72	-75.4638	37.82532	4159339	-1.6E+07	12779995
75.6	27968.01	-75.4635	37.8252	4159459	-1.6E+07	12780069
75.8	28144.89	-75.4632	37.82509	4159580	-1.6E+07	12780143
76	28322.38	-75.463	37.82497	4159701	-1.6E+07	12780218
76.2	28500.46	-75.4627	37.82485	4159823	-1.6E+07	12780292
76.4	28679.14	-75.4624	37.82472	4159947	-1.6E+07	12780367
76.6	28858.41	-75.4621	37.8246	4160071	-1.6E+07	12780441
76.8	29038.28	-75.4618	37.82448	4160196	-1.6E+07	12780515
77	29218.75	-75.4615	37.82435	4160322	-1.6E+07	12780590
77.2	29399.8	-75.4612	37.82422	4160448	-1.6E+07	12780664
77.4	29581.45	-75.4609	37.82409	4160576	-1.6E+07	12780738
77.6	29763.68	-75.4606	37.82396	4160705	-1.6E+07	12780813
77.8	29946.51	-75.4603	37.82383	4160834	-1.6E+07	12780887
78	30129.92	-75.46	37.8237	4160965	-1.6E+07	12780961
78.2	30313.91	-75.4597	37.82357	4161096	-1.6E+07	12781035
78.4	30498.49	-75.4594	37.82343	4161229	-1.6E+07	12781109
78.6	30683.65	-75.459	37.82329	4161362	-1.6E+07	12781183
78.8	30869.39	-75.4587	37.82315	4161496	-1.6E+07	12781257
79	31055.71	-75.4584	37.82301	4161632	-1.6E+07	12781331
79.2	31242.61	-75.4581	37.82287	4161768	-1.6E+07	12781405
79.4	31430.09	-75.4577	37.82273	4161905	-1.6E+07	12781479
79.6	31618.14	-75.4574	37.82259	4162043	-1.6E+07	12781553
79.8	31806.76	-75.4571	37.82244	4162182	-1.6E+07	12781626
80	31995.96	-75.4567	37.82229	4162322	-1.6E+07	12781700
80.2	32185.74	-75.4564	37.82214	4162463	-1.6E+07	12781774
80.4	32376.09	-75.4561	37.82199	4162605	-1.6E+07	12781847
80.6	32567.01	-75.4557	37.82184	4162748	-1.6E+07	12781920
80.8	32758.51	-75.4554	37.82169	4162892	-1.6E+07	12781994
81	32950.59	-75.455	37.82153	4163037	-1.6E+07	12782067
81.2	33143.23	-75.4547	37.82138	4163183	-1.6E+07	12782140
81.4	33336.45	-75.4543	37.82122	4163330	-1.6E+07	12782213
81.6	33530.24	-75.4539	37.82106	4163478	-1.6E+07	12782286
81.8	33724.6	-75.4536	37.8209	4163627	-1.6E+07	12782359
82	33919.53	-75.4532	37.82074	4163777	-1.6E+07	12782431
82.2	34115.04	-75.4529	37.82057	4163928	-1.6E+07	12782504
82.4	34311.12	-75.4525	37.82041	4164080	-1.6E+07	12782576
82.6	34507.76	-75.4521	37.82024	4164233	-1.6E+07	12782649
82.8	34704.98	-75.4517	37.82007	4164388	-1.6E+07	12782721
83	34902.77	-75.4514	37.8199	4164543	-1.6E+07	12782793
83.2	35101.12	-75.451	37.81973	4164699	-1.6E+07	12782865

83.4	35300.05	-75.4506	37.81955	4164856	-1.6E+07	12782937
83.6	35499.54	-75.4502	37.81938	4165015	-1.6E+07	12783009
83.8	35699.61	-75.4498	37.8192	4165174	-1.6E+07	12783080
84	35900.25	-75.4494	37.81902	4165334	-1.6E+07	12783152
84.2	36101.45	-75.449	37.81884	4165496	-1.6E+07	12783223
84.4	36303.21	-75.4486	37.81866	4165659	-1.6E+07	12783294
84.6	36505.55	-75.4482	37.81847	4165822	-1.6E+07	12783365
84.8	36708.46	-75.4478	37.81829	4165987	-1.6E+07	12783436
85	36911.93	-75.4474	37.8181	4166153	-1.6E+07	12783507
85.2	37115.98	-75.447	37.81791	4166320	-1.6E+07	12783578
85.4	37320.59	-75.4466	37.81772	4166488	-1.6E+07	12783648
85.6	37525.77	-75.4461	37.81753	4166657	-1.6E+07	12783718
85.8	37731.51	-75.4457	37.81733	4166827	-1.6E+07	12783788
86	37937.82	-75.4453	37.81714	4166998	-1.6E+07	12783858
86.2	38144.7	-75.4449	37.81694	4167171	-1.6E+07	12783928
86.4	38352.15	-75.4444	37.81674	4167345	-1.6E+07	12783998
86.6	38560.17	-75.444	37.81654	4167519	-1.6E+07	12784067
86.8	38768.75	-75.4436	37.81634	4167695	-1.6E+07	12784137
87	38977.89	-75.4431	37.81613	4167872	-1.6E+07	12784206
87.2	39187.6	-75.4427	37.81592	4168050	-1.6E+07	12784275
87.4	39397.88	-75.4422	37.81571	4168230	-1.6E+07	12784343
87.6	39608.72	-75.4418	37.8155	4168410	-1.6E+07	12784412
87.8	39820.12	-75.4413	37.81529	4168592	-1.6E+07	12784480
88	40032.09	-75.4408	37.81508	4168774	-1.6E+07	12784548
88.2	40244.62	-75.4404	37.81486	4168958	-1.6E+07	12784616
88.4	40457.72	-75.4399	37.81464	4169143	-1.6E+07	12784684
88.6	40671.38	-75.4394	37.81442	4169330	-1.6E+07	12784752
88.8	40885.6	-75.439	37.8142	4169517	-1.6E+07	12784819
89	41100.37	-75.4385	37.81398	4169706	-1.6E+07	12784886
89.2	41315.71	-75.438	37.81375	4169896	-1.6E+07	12784953
89.4	41531.6	-75.4375	37.81352	4170087	-1.6E+07	12785020
89.6	41748.05	-75.437	37.81329	4170279	-1.6E+07	12785087
89.8	41965.05	-75.4366	37.81306	4170473	-1.6E+07	12785153
90	42182.61	-75.4361	37.81283	4170668	-1.6E+07	12785219
90.2	42400.72	-75.4356	37.81259	4170864	-1.6E+07	12785285
90.4	42619.38	-75.4351	37.81236	4171061	-1.6E+07	12785350
90.6	42838.58	-75.4346	37.81212	4171259	-1.6E+07	12785416
90.8	43058.34	-75.4341	37.81188	4171459	-1.6E+07	12785481
91	43278.64	-75.4335	37.81163	4171660	-1.6E+07	12785546
91.2	43499.48	-75.433	37.81139	4171862	-1.6E+07	12785610
91.4	43720.87	-75.4325	37.81114	4172066	-1.6E+07	12785675
91.6	43942.81	-75.432	37.81089	4172271	-1.6E+07	12785739
91.8	44165.29	-75.4315	37.81064	4172477	-1.6E+07	12785803
92	44388.31	-75.4309	37.81038	4172684	-1.6E+07	12785866
92.2	44611.87	-75.4304	37.81013	4172893	-1.6E+07	12785929
92.4	44835.97	-75.4298	37.80987	4173103	-1.6E+07	12785992
92.6	45060.61	-75.4293	37.80961	4173314	-1.6E+07	12786055

92.8	45285.79	-75.4288	37.80935	4173526	-1.6E+07	12786117
93	45511.5	-75.4282	37.80908	4173740	-1.6E+07	12786180
93.2	45737.75	-75.4277	37.80882	4173955	-1.6E+07	12786242
93.4	45964.53	-75.4271	37.80855	4174172	-1.6E+07	12786303
93.6	46191.83	-75.4265	37.80828	4174390	-1.6E+07	12786364
93.8	46419.67	-75.426	37.808	4174609	-1.6E+07	12786425
94	46648.02	-75.4254	37.80773	4174830	-1.6E+07	12786486
94.2	46876.91	-75.4248	37.80745	4175052	-1.6E+07	12786546
94.4	47106.31	-75.4242	37.80717	4175275	-1.6E+07	12786607
94.6	47336.24	-75.4237	37.80689	4175500	-1.6E+07	12786666
94.8	47566.67	-75.4231	37.80661	4175726	-1.6E+07	12786726
95	47797.63	-75.4225	37.80632	4175953	-1.6E+07	12786785
95.2	48029.1	-75.4219	37.80603	4176182	-1.6E+07	12786844
95.4	48261.08	-75.4213	37.80574	4176412	-1.6E+07	12786902
95.6	48493.57	-75.4207	37.80545	4176644	-1.6E+07	12786960
95.8	48726.56	-75.4201	37.80516	4176877	-1.6E+07	12787018
96	48960.06	-75.4195	37.80486	4177112	-1.6E+07	12787075
96.2	49194.07	-75.4189	37.80456	4177347	-1.6E+07	12787133
96.4	49428.57	-75.4182	37.80426	4177585	-1.6E+07	12787189
96.6	49663.57	-75.4176	37.80395	4177824	-1.6E+07	12787246
96.8	49899.07	-75.417	37.80365	4178064	-1.6E+07	12787302
97	50135.07	-75.4164	37.80334	4178306	-1.6E+07	12787357
97.2	50371.56	-75.4157	37.80303	4178549	-1.6E+07	12787413
97.4	50608.54	-75.4151	37.80271	4178793	-1.6E+07	12787468
97.6	50846.02	-75.4144	37.8024	4179040	-1.6E+07	12787522
97.8	51083.99	-75.4138	37.80208	4179287	-1.6E+07	12787576
98	51322.45	-75.4131	37.80176	4179536	-1.6E+07	12787630
98.2	51561.4	-75.4125	37.80144	4179787	-1.6E+07	12787683
98.4	51800.84	-75.4118	37.80111	4180039	-1.6E+07	12787736
98.6	52040.77	-75.4111	37.80078	4180292	-1.6E+07	12787789
98.8	52281.18	-75.4105	37.80045	4180547	-1.6E+07	12787841
99	52522.07	-75.4098	37.80012	4180804	-1.6E+07	12787893
99.2	52763.44	-75.4091	37.79979	4181062	-1.6E+07	12787944
99.4	53005.28	-75.4084	37.79945	4181322	-1.6E+07	12787995
99.6	53247.61	-75.4077	37.79911	4181583	-1.6E+07	12788046
99.8	53490.41	-75.407	37.79877	4181846	-1.6E+07	12788096
100	53733.69	-75.4063	37.79842	4182110	-1.6E+07	12788145
100.2	53977.43	-75.4056	37.79808	4182376	-1.6E+07	12788195
100.4	54221.65	-75.4049	37.79773	4182643	-1.6E+07	12788243
100.6	54466.33	-75.4042	37.79737	4182912	-1.6E+07	12788292
100.8	54711.47	-75.4035	37.79702	4183183	-1.6E+07	12788340
101	54957.07	-75.4028	37.79666	4183455	-1.6E+07	12788387
101.2	55203.12	-75.402	37.7963	4183728	-1.6E+07	12788434
101.4	55449.65	-75.4013	37.79594	4184004	-1.6E+07	12788481
101.6	55696.63	-75.4006	37.79558	4184281	-1.6E+07	12788527
101.8	55944.05	-75.3998	37.79521	4184559	-1.6E+07	12788573
102	56191.93	-75.3991	37.79484	4184839	-1.6E+07	12788618

102.2	56440.26	-75.3983	37.79447	4185121	-1.6E+07	12788663
102.4	56689.04	-75.3975	37.79409	4185405	-1.6E+07	12788707
102.6	56938.28	-75.3968	37.79371	4185690	-1.6E+07	12788751
102.8	57187.95	-75.396	37.79333	4185976	-1.6E+07	12788794
103	57438.06	-75.3952	37.79295	4186265	-1.6E+07	12788837
103.2	57688.62	-75.3945	37.79257	4186555	-1.6E+07	12788879
103.4	57939.61	-75.3937	37.79218	4186847	-1.6E+07	12788921
103.6	58191.03	-75.3929	37.79179	4187140	-1.6E+07	12788962
103.8	58442.89	-75.3921	37.79139	4187435	-1.6E+07	12789003
104	58695.18	-75.3913	37.791	4187732	-1.6E+07	12789043
104.2	58947.9	-75.3905	37.7906	4188030	-1.6E+07	12789083
104.4	59201.04	-75.3897	37.7902	4188330	-1.6E+07	12789122
104.6	59454.61	-75.3889	37.78979	4188632	-1.6E+07	12789161
104.8	59708.6	-75.388	37.78939	4188936	-1.6E+07	12789199
105	59963.01	-75.3872	37.78898	4189241	-1.6E+07	12789237
105.2	60217.84	-75.3864	37.78856	4189548	-1.6E+07	12789274
105.4	60473.09	-75.3856	37.78815	4189857	-1.6E+07	12789311
105.6	60728.74	-75.3847	37.78773	4190167	-1.6E+07	12789347
105.8	60984.81	-75.3839	37.78731	4190480	-1.6E+07	12789382
106	61241.28	-75.383	37.78689	4190794	-1.6E+07	12789417
106.2	61498.16	-75.3822	37.78646	4191109	-1.6E+07	12789452
106.4	61755.44	-75.3813	37.78603	4191427	-1.6E+07	12789486
106.6	62013.13	-75.3804	37.7856	4191746	-1.6E+07	12789519
106.8	62271.21	-75.3796	37.78517	4192067	-1.6E+07	12789552
107	62529.7	-75.3787	37.78473	4192390	-1.6E+07	12789584
107.2	62788.59	-75.3778	37.78429	4192715	-1.6E+07	12789615
107.4	63047.87	-75.3769	37.78385	4193041	-1.6E+07	12789646
107.6	63307.54	-75.376	37.7834	4193369	-1.6E+07	12789677
107.8	63567.61	-75.3751	37.78295	4193699	-1.6E+07	12789707
108	63828.07	-75.3742	37.7825	4194031	-1.6E+07	12789736
108.2	64088.92	-75.3733	37.78205	4194365	-1.6E+07	12789764
108.4	64350.15	-75.3724	37.78159	4194700	-1.6E+07	12789792
108.6	64611.78	-75.3714	37.78113	4195038	-1.6E+07	12789820
108.8	64873.77	-75.3705	37.78067	4195377	-1.6E+07	12789847
109	65136.14	-75.3696	37.7802	4195718	-1.6E+07	12789873
109.2	65398.88	-75.3686	37.77973	4196061	-1.6E+07	12789898
109.4	65662.01	-75.3677	37.77926	4196406	-1.6E+07	12789923
109.6	65925.51	-75.3667	37.77878	4196752	-1.6E+07	12789948
109.8	66189.4	-75.3658	37.77831	4197101	-1.6E+07	12789971
110	66453.66	-75.3648	37.77782	4197451	-1.6E+07	12789995
110.2	66718.31	-75.3638	37.77734	4197803	-1.6E+07	12790017
110.4	66983.35	-75.3629	37.77685	4198157	-1.6E+07	12790039
110.6	67248.79	-75.3619	37.77637	4198513	-1.6E+07	12790060
110.8	67514.62	-75.3609	37.77587	4198871	-1.6E+07	12790081
111	67780.86	-75.3599	37.77538	4199230	-1.6E+07	12790101
111.2	68047.49	-75.3589	37.77488	4199592	-1.6E+07	12790120
111.4	68314.54	-75.3579	37.77438	4199955	-1.6E+07	12790139

111.6	68581.99	-75.3569	37.77387	4200321	-1.6E+07	12790157
111.8	68849.85	-75.3559	37.77337	4200688	-1.6E+07	12790175
112	69118.11	-75.3549	37.77285	4201057	-1.6E+07	12790192
112.2	69386.79	-75.3538	37.77234	4201428	-1.6E+07	12790208
112.4	69655.88	-75.3528	37.77183	4201801	-1.6E+07	12790224
112.6	69925.39	-75.3518	37.77131	4202176	-1.6E+07	12790239
112.8	70195.3	-75.3507	37.77078	4202553	-1.6E+07	12790253
113	70465.63	-75.3497	37.77026	4202931	-1.6E+07	12790267
113.2	70736.38	-75.3486	37.76973	4203312	-1.6E+07	12790280
113.4	71007.54	-75.3475	37.7692	4203695	-1.6E+07	12790293
113.6	71279.13	-75.3465	37.76866	4204079	-1.6E+07	12790305
113.8	71551.13	-75.3454	37.76813	4204465	-1.6E+07	12790316
114	71823.56	-75.3443	37.76758	4204854	-1.6E+07	12790326
114.2	72096.41	-75.3432	37.76704	4205244	-1.6E+07	12790337
114.4	72369.68	-75.3421	37.76649	4205636	-1.6E+07	12790346
114.6	72643.37	-75.341	37.76594	4206031	-1.6E+07	12790355
114.8	72917.48	-75.3399	37.76539	4206427	-1.6E+07	12790363
115	73192.02	-75.3388	37.76484	4206825	-1.6E+07	12790370
115.2	73466.99	-75.3377	37.76428	4207225	-1.6E+07	12790377
115.4	73742.38	-75.3366	37.76371	4207627	-1.6E+07	12790383
115.6	74018.2	-75.3355	37.76315	4208031	-1.6E+07	12790389
115.8	74294.45	-75.3343	37.76258	4208437	-1.6E+07	12790394
116	74571.13	-75.3332	37.76201	4208845	-1.6E+07	12790398
116.2	74848.23	-75.332	37.76143	4209255	-1.6E+07	12790402
116.4	75125.76	-75.3309	37.76085	4209667	-1.6E+07	12790405
116.6	75403.72	-75.3297	37.76027	4210081	-1.6E+07	12790407
116.8	75682.13	-75.3286	37.75969	4210497	-1.6E+07	12790409
117	75960.97	-75.3274	37.7591	4210915	-1.6E+07	12790410
117.2	76240.23	-75.3262	37.75851	4211335	-1.6E+07	12790410
117.4	76519.93	-75.325	37.75792	4211757	-1.6E+07	12790409
117.6	76800.08	-75.3238	37.75732	4212181	-1.6E+07	12790408
117.8	77080.66	-75.3226	37.75672	4212608	-1.6E+07	12790407
118	77361.69	-75.3214	37.75612	4213036	-1.6E+07	12790405
118.2	77643.15	-75.3202	37.75551	4213466	-1.6E+07	12790402
118.4	77925.05	-75.319	37.7549	4213898	-1.6E+07	12790398
118.6	78207.39	-75.3178	37.75429	4214332	-1.6E+07	12790394
118.8	78490.18	-75.3166	37.75367	4214769	-1.6E+07	12790389
119	78773.42	-75.3153	37.75305	4215207	-1.6E+07	12790383
119.2	79057.1	-75.3141	37.75243	4215648	-1.6E+07	12790377
119.4	79341.24	-75.3128	37.7518	4216090	-1.6E+07	12790370
119.6	79625.83	-75.3116	37.75117	4216535	-1.6E+07	12790362
119.8	79910.87	-75.3103	37.75054	4216981	-1.6E+07	12790354
120	80196.35	-75.3091	37.7499	4217430	-1.6E+07	12790345
120.2	80482.3	-75.3078	37.74926	4217881	-1.6E+07	12790335
120.4	80768.7	-75.3065	37.74862	4218334	-1.6E+07	12790325
120.6	81055.56	-75.3052	37.74798	4218788	-1.6E+07	12790314
120.8	81342.88	-75.3039	37.74733	4219246	-1.6E+07	12790302

121	81630.65	-75.3026	37.74668	4219705	-1.6E+07	12790289
121.2	81918.9	-75.3013	37.74602	4220166	-1.6E+07	12790276
121.4	82207.6	-75.3	37.74536	4220629	-1.6E+07	12790263
121.6	82496.77	-75.2987	37.7447	4221095	-1.6E+07	12790248
121.8	82786.42	-75.2974	37.74403	4221562	-1.6E+07	12790233
122	83076.54	-75.2961	37.74336	4222032	-1.6E+07	12790217
122.2	83367.14	-75.2947	37.74269	4222504	-1.6E+07	12790201
122.4	83658.21	-75.2934	37.74202	4222978	-1.6E+07	12790184
122.6	83949.75	-75.292	37.74134	4223454	-1.6E+07	12790166
122.8	84241.79	-75.2907	37.74065	4223932	-1.6E+07	12790147
123	84534.31	-75.2893	37.73997	4224412	-1.6E+07	12790128
123.2	84827.32	-75.2879	37.73928	4224895	-1.6E+07	12790108
123.4	85120.82	-75.2866	37.73859	4225379	-1.6E+07	12790087
123.6	85414.81	-75.2852	37.73789	4225866	-1.6E+07	12790066
123.8	85709.31	-75.2838	37.73719	4226355	-1.6E+07	12790044
124	86004.3	-75.2824	37.73649	4226846	-1.6E+07	12790022
124.2	86299.79	-75.281	37.73578	4227339	-1.6E+07	12789998
124.4	86595.78	-75.2796	37.73507	4227834	-1.6E+07	12789974
124.6	86892.29	-75.2782	37.73436	4228332	-1.6E+07	12789950
124.8	87189.3	-75.2768	37.73364	4228831	-1.6E+07	12789924
125	87486.82	-75.2753	37.73292	4229333	-1.6E+07	12789898
125.2	87784.84	-75.2739	37.7322	4229837	-1.6E+07	12789871
125.4	88083.39	-75.2724	37.73147	4230343	-1.6E+07	12789844
125.6	88382.46	-75.271	37.73074	4230852	-1.6E+07	12789816
125.8	88682.05	-75.2695	37.73001	4231362	-1.6E+07	12789787
126	88982.17	-75.2681	37.72927	4231875	-1.6E+07	12789757
126.2	89282.81	-75.2666	37.72853	4232390	-1.6E+07	12789727
126.4	89583.98	-75.2651	37.72779	4232907	-1.6E+07	12789696
126.6	89885.67	-75.2637	37.72704	4233426	-1.6E+07	12789665
126.8	90187.91	-75.2622	37.72629	4233948	-1.6E+07	12789632
127	90490.68	-75.2607	37.72554	4234472	-1.6E+07	12789599
127.2	90793.98	-75.2592	37.72478	4234998	-1.6E+07	12789566
127.4	91097.83	-75.2577	37.72402	4235526	-1.6E+07	12789531
127.6	91402.23	-75.2562	37.72325	4236056	-1.6E+07	12789496
127.8	91707.18	-75.2546	37.72248	4236589	-1.6E+07	12789460
128	92012.68	-75.2531	37.72171	4237124	-1.6E+07	12789424
128.2	92318.74	-75.2516	37.72094	4237661	-1.6E+07	12789387
128.4	92625.37	-75.25	37.72016	4238200	-1.6E+07	12789349
128.6	92932.56	-75.2485	37.71937	4238742	-1.6E+07	12789311
128.8	93240.3	-75.2469	37.71859	4239286	-1.6E+07	12789271
129	93548.61	-75.2454	37.7178	4239832	-1.6E+07	12789231
129.2	93857.49	-75.2438	37.717	4240380	-1.6E+07	12789191
129.4	94166.93	-75.2422	37.71621	4240931	-1.6E+07	12789150
129.6	94476.92	-75.2406	37.71541	4241484	-1.6E+07	12789108
129.8	94787.48	-75.239	37.7146	4242039	-1.6E+07	12789065
130	95098.6	-75.2374	37.71379	4242596	-1.6E+07	12789021
130.2	95410.28	-75.2358	37.71298	4243156	-1.6E+07	12788977

130.4	95722.51	-75.2342	37.71217	4243718	-1.6E+07	12788932
130.6	96035.3	-75.2326	37.71135	4244282	-1.6E+07	12788887
130.8	96348.64	-75.231	37.71053	4244849	-1.6E+07	12788841
131	96662.54	-75.2294	37.7097	4245418	-1.6E+07	12788794
131.2	96976.99	-75.2277	37.70887	4245989	-1.6E+07	12788746
131.4	97291.98	-75.2261	37.70804	4246563	-1.6E+07	12788697
131.6	97607.52	-75.2244	37.7072	4247139	-1.6E+07	12788648
131.8	97923.61	-75.2228	37.70636	4247717	-1.6E+07	12788598
132	98240.25	-75.2211	37.70552	4248298	-1.6E+07	12788547
132.2	98557.43	-75.2194	37.70467	4248880	-1.6E+07	12788496
132.4	98875.16	-75.2177	37.70382	4249466	-1.6E+07	12788443
132.6	99193.43	-75.216	37.70296	4250053	-1.6E+07	12788390
132.8	99512.24	-75.2144	37.7021	4250643	-1.6E+07	12788336
133	99831.6	-75.2127	37.70124	4251236	-1.6E+07	12788282
133.2	100151.5	-75.2109	37.70037	4251831	-1.6E+07	12788226
133.4	100471.9	-75.2092	37.6995	4252428	-1.6E+07	12788170
133.6	100792.9	-75.2075	37.69863	4253027	-1.6E+07	12788113
133.8	101114.5	-75.2058	37.69775	4253629	-1.6E+07	12788056
134	101436.5	-75.204	37.69686	4254234	-1.6E+07	12787997
134.2	101759.1	-75.2023	37.69598	4254840	-1.6E+07	12787938
134.4	102082.3	-75.2005	37.69509	4255449	-1.6E+07	12787878
134.6	102405.9	-75.1988	37.69419	4256061	-1.6E+07	12787817
134.8	102730.2	-75.197	37.6933	4256675	-1.6E+07	12787755
135	103054.9	-75.1952	37.69239	4257291	-1.6E+07	12787693
135.2	103380.2	-75.1934	37.69149	4257910	-1.6E+07	12787629
135.4	103706.1	-75.1916	37.69058	4258532	-1.6E+07	12787565
135.6	104032.5	-75.1899	37.68967	4259155	-1.6E+07	12787500
135.8	104359.4	-75.188	37.68875	4259781	-1.6E+07	12787434
136	104686.8	-75.1862	37.68783	4260410	-1.6E+07	12787368
136.2	105014.9	-75.1844	37.6869	4261041	-1.6E+07	12787300
136.4	105343.4	-75.1826	37.68597	4261675	-1.6E+07	12787232
136.6	105672.5	-75.1807	37.68504	4262311	-1.6E+07	12787163
136.8	106002.1	-75.1789	37.6841	4262949	-1.6E+07	12787093
137	106332.3	-75.1771	37.68316	4263590	-1.6E+07	12787023
137.2	106663.1	-75.1752	37.68222	4264234	-1.6E+07	12786951
137.4	106994.3	-75.1733	37.68127	4264880	-1.6E+07	12786879
137.6	107326.1	-75.1715	37.68032	4265528	-1.6E+07	12786805
137.8	107658.5	-75.1696	37.67936	4266179	-1.6E+07	12786731
138	107991.4	-75.1677	37.6784	4266833	-1.6E+07	12786656
138.2	108324.8	-75.1658	37.67743	4267489	-1.6E+07	12786581
138.4	108658.8	-75.1639	37.67646	4268147	-1.6E+07	12786504
138.6	108993.4	-75.162	37.67549	4268809	-1.6E+07	12786427
138.8	109328.5	-75.1601	37.67451	4269472	-1.6E+07	12786348
139	109664.1	-75.1581	37.67353	4270138	-1.6E+07	12786269
139.2	110000.3	-75.1562	37.67255	4270807	-1.6E+07	12786189
139.4	110337	-75.1543	37.67156	4271478	-1.6E+07	12786108
139.6	110674.3	-75.1523	37.67056	4272152	-1.6E+07	12786026

139.8	111012.1	-75.1503	37.66957	4272829	-1.6E+07	12785944
140	111350.5	-75.1484	37.66856	4273508	-1.6E+07	12785860
140.2	111689.4	-75.1464	37.66756	4274189	-1.6E+07	12785776
140.4	112028.9	-75.1444	37.66655	4274873	-1.6E+07	12785691
140.6	112368.9	-75.1424	37.66553	4275560	-1.6E+07	12785604
140.8	112709.5	-75.1404	37.66452	4276249	-1.6E+07	12785517
141	113050.7	-75.1384	37.66349	4276941	-1.6E+07	12785429
141.2	113392.4	-75.1364	37.66247	4277636	-1.6E+07	12785341
141.4	113734.6	-75.1344	37.66144	4278333	-1.6E+07	12785251
141.6	114077.4	-75.1324	37.6604	4279033	-1.6E+07	12785160
141.8	114420.8	-75.1303	37.65936	4279735	-1.6E+07	12785069
142	114764.7	-75.1283	37.65832	4280440	-1.6E+07	12784977
142.2	115109.2	-75.1262	37.65727	4281148	-1.6E+07	12784883
142.4	115454.3	-75.1242	37.65622	4281858	-1.6E+07	12784789
142.6	115799.9	-75.1221	37.65516	4282571	-1.6E+07	12784694
142.8	116146	-75.12	37.6541	4283287	-1.6E+07	12784598
143	116492.8	-75.118	37.65304	4284005	-1.6E+07	12784501
143.2	116840.1	-75.1159	37.65197	4284726	-1.6E+07	12784403
143.4	117187.9	-75.1138	37.65089	4285449	-1.6E+07	12784305
143.6	117536.4	-75.1116	37.64982	4286175	-1.6E+07	12784205
143.8	117885.4	-75.1095	37.64873	4286904	-1.6E+07	12784105
144	118234.9	-75.1074	37.64765	4287636	-1.6E+07	12784003
144.2	118585.1	-75.1053	37.64656	4288370	-1.6E+07	12783901
144.4	118935.8	-75.1031	37.64546	4289107	-1.6E+07	12783797
144.6	119287	-75.101	37.64436	4289847	-1.6E+07	12783693
144.8	119638.9	-75.0988	37.64326	4290589	-1.6E+07	12783588
145	119991.3	-75.0967	37.64215	4291335	-1.6E+07	12783482
145.2	120344.2	-75.0945	37.64104	4292082	-1.6E+07	12783375
145.4	120697.8	-75.0923	37.63992	4292833	-1.6E+07	12783267
145.6	121051.9	-75.0901	37.6388	4293586	-1.6E+07	12783158
145.8	121406.6	-75.0879	37.63767	4294342	-1.6E+07	12783048
146	121761.9	-75.0857	37.63654	4295101	-1.6E+07	12782937
146.2	122117.7	-75.0835	37.63541	4295863	-1.6E+07	12782825
146.4	122474.1	-75.0813	37.63427	4296627	-1.6E+07	12782713
146.6	122831.1	-75.079	37.63313	4297394	-1.6E+07	12782599
146.8	123188.7	-75.0768	37.63198	4298164	-1.6E+07	12782484
147	123546.9	-75.0745	37.63083	4298937	-1.6E+07	12782369
147.2	123905.6	-75.0723	37.62967	4299712	-1.6E+07	12782252
147.4	124264.9	-75.07	37.62851	4300491	-1.6E+07	12782134
147.6	124624.8	-75.0677	37.62734	4301272	-1.6E+07	12782016
147.8	124985.3	-75.0655	37.62617	4302055	-1.6E+07	12781896
148	125346.4	-75.0632	37.625	4302842	-1.6E+07	12781776
148.2	125708.1	-75.0609	37.62382	4303631	-1.6E+07	12781655
148.4	126070.3	-75.0586	37.62263	4304424	-1.6E+07	12781532
148.6	126433.2	-75.0562	37.62144	4305219	-1.6E+07	12781409
148.8	126796.6	-75.0539	37.62025	4306017	-1.6E+07	12781284
149	127160.6	-75.0516	37.61905	4306818	-1.6E+07	12781159



149.2	127525.3	-75.0492	37.61785	4307621	-1.6E+07	12781033
149.4	127890.5	-75.0469	37.61664	4308428	-1.6E+07	12780905
149.6	128256.4	-75.0445	37.61543	4309237	-1.6E+07	12780777
149.8	128622.8	-75.0421	37.61422	4310049	-1.6E+07	12780648
150	128989.8	-75.0398	37.613	4310864	-1.6E+07	12780517
150.2	129357.5	-75.0374	37.61177	4311682	-1.6E+07	12780386
150.4	129725.7	-75.035	37.61054	4312503	-1.6E+07	12780254
150.6	130094.5	-75.0326	37.60931	4313327	-1.6E+07	12780121
150.8	130464	-75.0302	37.60807	4314153	-1.6E+07	12779986
151	130834	-75.0278	37.60682	4314983	-1.6E+07	12779851
151.2	131204.7	-75.0253	37.60557	4315815	-1.6E+07	12779715
151.4	131575.9	-75.0229	37.60432	4316650	-1.6E+07	12779577
151.6	131947.7	-75.0204	37.60306	4317489	-1.6E+07	12779439
151.8	132320.2	-75.018	37.6018	4318330	-1.6E+07	12779299
152	132693.2	-75.0155	37.60053	4319174	-1.6E+07	12779159
152.2	133066.9	-75.013	37.59926	4320021	-1.6E+07	12779017
152.4	133441.1	-75.0106	37.59798	4320871	-1.6E+07	12778875
152.6	133815.9	-75.0081	37.5967	4321724	-1.6E+07	12778731
152.8	134191.4	-75.0056	37.59541	4322580	-1.6E+07	12778587
153	134567.4	-75.003	37.59412	4323439	-1.6E+07	12778441
153.2	134944	-75.0005	37.59282	4324301	-1.6E+07	12778294
153.4	135321.3	-74.998	37.59152	4325166	-1.6E+07	12778146
153.6	135699.1	-74.9955	37.59022	4326034	-1.6E+07	12777998
153.8	136077.5	-74.9929	37.5889	4326904	-1.6E+07	12777848
154	136456.5	-74.9904	37.58759	4327778	-1.6E+07	12777697
154.2	136836.2	-74.9878	37.58627	4328655	-1.6E+07	12777545
154.4	137216.4	-74.9852	37.58494	4329535	-1.6E+07	12777391
154.6	137597.2	-74.9826	37.58361	4330418	-1.6E+07	12777237
154.8	137978.6	-74.98	37.58228	4331304	-1.6E+07	12777082
155	138360.7	-74.9774	37.58094	4332193	-1.6E+07	12776925
155.2	138743.3	-74.9748	37.57959	4333085	-1.6E+07	12776768
155.4	139126.5	-74.9722	37.57824	4333980	-1.6E+07	12776609
155.6	139510.3	-74.9696	37.57688	4334879	-1.6E+07	12776450
155.8	139894.8	-74.9669	37.57552	4335780	-1.6E+07	12776289
156	140279.8	-74.9643	37.57416	4336684	-1.6E+07	12776127
156.2	140665.4	-74.9616	37.57279	4337592	-1.6E+07	12775964
156.4	141051.7	-74.959	37.57141	4338502	-1.6E+07	12775800
156.6	141438.5	-74.9563	37.57003	4339416	-1.6E+07	12775635
156.8	141826	-74.9536	37.56865	4340333	-1.6E+07	12775468
157	142214	-74.9509	37.56726	4341252	-1.6E+07	12775301
157.2	142602.7	-74.9482	37.56586	4342175	-1.6E+07	12775132
157.4	142992	-74.9455	37.56446	4343101	-1.6E+07	12774963
157.6	143381.8	-74.9428	37.56305	4344031	-1.6E+07	12774792
157.8	143772.3	-74.9401	37.56164	4344963	-1.6E+07	12774620
158	144163.4	-74.9373	37.56023	4345899	-1.6E+07	12774447
158.2	144555.1	-74.9346	37.55881	4346837	-1.6E+07	12774272
158.4	144947.4	-74.9318	37.55738	4347779	-1.6E+07	12774097

158.6	145340.3	-74.929	37.55595	4348724	-1.6E+07	12773920
158.8	145733.9	-74.9262	37.55451	4349672	-1.6E+07	12773743
159	146128	-74.9235	37.55307	4350624	-1.6E+07	12773564
159.2	146522.8	-74.9207	37.55162	4351578	-1.6E+07	12773384
159.4	146918.1	-74.9178	37.55017	4352536	-1.6E+07	12773202
159.6	147314.1	-74.915	37.54871	4353497	-1.6E+07	12773020
159.8	147710.7	-74.9122	37.54725	4354461	-1.6E+07	12772837
160	148108	-74.9094	37.54578	4355429	-1.6E+07	12772652
160.2	148505.8	-74.9065	37.54431	4356399	-1.6E+07	12772466
160.4	148904.3	-74.9037	37.54283	4357373	-1.6E+07	12772279
160.6	149303.3	-74.9008	37.54135	4358350	-1.6E+07	12772091
160.8	149703	-74.8979	37.53986	4359331	-1.6E+07	12771901
161	150103.4	-74.895	37.53837	4360314	-1.6E+07	12771711
161.2	150504.3	-74.8921	37.53687	4361301	-1.6E+07	12771519
161.4	150905.9	-74.8892	37.53536	4362291	-1.6E+07	12771326
161.6	151308.1	-74.8863	37.53385	4363285	-1.6E+07	12771132
161.8	151711	-74.8834	37.53234	4364282	-1.6E+07	12770936
162	152114.4	-74.8804	37.53081	4365282	-1.6E+07	12770740
162.2	152518.6	-74.8775	37.52929	4366285	-1.6E+07	12770542
162.4	152923.3	-74.8745	37.52776	4367292	-1.6E+07	12770343
162.6	153328.7	-74.8716	37.52622	4368302	-1.6E+07	12770143
162.8	153734.7	-74.8686	37.52468	4369315	-1.6E+07	12769941
163	154141.4	-74.8656	37.52313	4370332	-1.6E+07	12769739
163.2	154548.7	-74.8626	37.52158	4371352	-1.6E+07	12769535
163.4	154956.6	-74.8596	37.52002	4372375	-1.6E+07	12769330
163.6	155365.2	-74.8566	37.51845	4373402	-1.6E+07	12769123
163.8	155774.4	-74.8536	37.51688	4374432	-1.6E+07	12768916
164	156184.3	-74.8505	37.51531	4375465	-1.6E+07	12768707
164.2	156594.9	-74.8475	37.51373	4376502	-1.6E+07	12768497
164.4	157006.1	-74.8444	37.51214	4377542	-1.6E+07	12768286
164.6	157417.9	-74.8414	37.51055	4378585	-1.6E+07	12768073
164.8	157830.4	-74.8383	37.50895	4379632	-1.6E+07	12767859
165	158243.6	-74.8352	37.50735	4380683	-1.6E+07	12767644
165.2	158657.4	-74.8321	37.50574	4381737	-1.6E+07	12767428
165.4	159071.9	-74.829	37.50412	4382794	-1.6E+07	12767211
165.6	159487.1	-74.8259	37.5025	4383854	-1.6E+07	12766992
165.8	159902.9	-74.8227	37.50088	4384919	-1.6E+07	12766772
166	160319.4	-74.8196	37.49925	4385986	-1.6E+07	12766551
166.2	160736.5	-74.8165	37.49761	4387057	-1.6E+07	12766328
166.4	161154.4	-74.8133	37.49597	4388132	-1.6E+07	12766104
166.6	161572.9	-74.8101	37.49432	4389209	-1.6E+07	12765879
166.8	161992.1	-74.8069	37.49267	4390291	-1.6E+07	12765653
167	162411.9	-74.8038	37.49101	4391376	-1.6E+07	12765425
167.2	162832.5	-74.8006	37.48934	4392464	-1.6E+07	12765196
167.4	163253.7	-74.7973	37.48767	4393556	-1.6E+07	12764966
167.6	163675.6	-74.7941	37.48599	4394651	-1.6E+07	12764735
167.8	164098.2	-74.7909	37.48431	4395750	-1.6E+07	12764502

168	164521.4	-74.7876	37.48262	4396853	-1.6E+07	12764268
168.2	164945.4	-74.7844	37.48093	4397959	-1.6E+07	12764033
168.4	165370.1	-74.7811	37.47923	4399068	-1.6E+07	12763796
168.6	165795.4	-74.7778	37.47752	4400181	-1.6E+07	12763558
168.8	166221.5	-74.7746	37.47581	4401298	-1.6E+07	12763319
169	166648.2	-74.7713	37.4741	4402418	-1.6E+07	12763078
169.2	167075.6	-74.768	37.47237	4403542	-1.6E+07	12762836
169.4	167503.8	-74.7646	37.47064	4404670	-1.6E+07	12762593
169.6	167932.7	-74.7613	37.46891	4405801	-1.6E+07	12762349
169.8	168362.2	-74.758	37.46717	4406935	-1.6E+07	12762103
170	168792.5	-74.7546	37.46542	4408073	-1.6E+07	12761856
170.2	169223.5	-74.7513	37.46367	4409215	-1.6E+07	12761607
170.4	169655.2	-74.7479	37.46191	4410361	-1.6E+07	12761357
170.6	170087.6	-74.7445	37.46015	4411510	-1.6E+07	12761106
170.8	170520.7	-74.7411	37.45838	4412662	-1.6E+07	12760854
171	170954.6	-74.7377	37.4566	4413819	-1.6E+07	12760600
171.2	171389.2	-74.7343	37.45482	4414979	-1.6E+07	12760345
171.4	171824.5	-74.7309	37.45303	4416143	-1.6E+07	12760088
171.6	172260.5	-74.7274	37.45123	4417310	-1.6E+07	12759831
171.8	172697.3	-74.724	37.44943	4418481	-1.6E+07	12759571
172	173134.8	-74.7205	37.44763	4419656	-1.6E+07	12759311
172.2	173573.1	-74.717	37.44582	4420834	-1.6E+07	12759049
172.4	174012.1	-74.7136	37.444	4422017	-1.6E+07	12758786
172.6	174451.8	-74.7101	37.44217	4423203	-1.6E+07	12758521
172.8	174892.3	-74.7066	37.44034	4424392	-1.6E+07	12758255
173	175333.5	-74.703	37.4385	4425586	-1.6E+07	12757988
173.2	175775.5	-74.6995	37.43666	4426783	-1.6E+07	12757719
173.4	176218.2	-74.696	37.43481	4427984	-1.6E+07	12757449
173.6	176661.7	-74.6924	37.43296	4429188	-1.6E+07	12757178
173.8	177105.9	-74.6889	37.43109	4430397	-1.6E+07	12756905
174	177550.9	-74.6853	37.42923	4431609	-1.6E+07	12756631
174.2	177996.7	-74.6817	37.42735	4432825	-1.6E+07	12756355
174.4	178443.2	-74.6781	37.42547	4434045	-1.6E+07	12756078
174.6	178890.5	-74.6745	37.42359	4435269	-1.6E+07	12755800
174.8	179338.6	-74.6709	37.42169	4436496	-1.6E+07	12755520
175	179787.4	-74.6673	37.41979	4437728	-1.6E+07	12755239
175.2	180237.1	-74.6636	37.41789	4438963	-1.6E+07	12754956
175.4	180687.5	-74.66	37.41598	4440202	-1.6E+07	12754672
175.6	181138.7	-74.6563	37.41406	4441445	-1.6E+07	12754387
175.8	181590.7	-74.6526	37.41213	4442692	-1.6E+07	12754100
176	182043.4	-74.6489	37.4102	4443942	-1.6E+07	12753812
176.2	182497	-74.6453	37.40827	4445197	-1.6E+07	12753522
176.4	182951.4	-74.6415	37.40632	4446455	-1.6E+07	12753231
176.6	183406.6	-74.6378	37.40437	4447718	-1.6E+07	12752939
176.8	183862.5	-74.6341	37.40242	4448984	-1.6E+07	12752645
177	184319.3	-74.6303	37.40045	4450254	-1.6E+07	12752350
177.2	184776.9	-74.6266	37.39848	4451528	-1.6E+07	12752053

177.4	185235.3	-74.6228	37.39651	4452806	-1.6E+07	12751755
177.6	185694.5	-74.619	37.39453	4454088	-1.6E+07	12751455
177.8	186154.5	-74.6153	37.39254	4455374	-1.6E+07	12751154
178	186615.4	-74.6114	37.39054	4456664	-1.6E+07	12750851
178.2	187077.1	-74.6076	37.38854	4457958	-1.6E+07	12750547
178.4	187539.6	-74.6038	37.38653	4459256	-1.6E+07	12750242
178.6	188002.9	-74.6	37.38452	4460558	-1.6E+07	12749935
178.8	188467.1	-74.5961	37.3825	4461864	-1.6E+07	12749627
179	188932.1	-74.5923	37.38047	4463174	-1.6E+07	12749317
179.2	189397.9	-74.5884	37.37843	4464488	-1.6E+07	12749006
179.4	189864.6	-74.5845	37.37639	4465806	-1.6E+07	12748693
179.6	190332.2	-74.5806	37.37434	4467129	-1.6E+07	12748379
179.8	190800.6	-74.5767	37.37229	4468455	-1.6E+07	12748063
180	191269.8	-74.5728	37.37023	4469785	-1.6E+07	12747746
180.2	191739.9	-74.5688	37.36816	4471120	-1.6E+07	12747427
180.4	192210.9	-74.5649	37.36609	4472458	-1.6E+07	12747107
180.6	192682.7	-74.5609	37.364	4473801	-1.6E+07	12746785
180.8	193155.4	-74.557	37.36192	4475147	-1.6E+07	12746462
181	193628.9	-74.553	37.35982	4476498	-1.6E+07	12746138
181.2	194103.4	-74.549	37.35772	4477853	-1.6E+07	12745812
181.4	194578.7	-74.545	37.35561	4479212	-1.6E+07	12745484
181.6	195054.9	-74.5409	37.35349	4480576	-1.6E+07	12745155
181.8	195532	-74.5369	37.35137	4481943	-1.6E+07	12744824
182	196010	-74.5329	37.34924	4483315	-1.6E+07	12744492
182.2	196488.8	-74.5288	37.34711	4484691	-1.6E+07	12744159
182.4	196968.6	-74.5247	37.34496	4486071	-1.6E+07	12743823
182.6	197449.3	-74.5207	37.34281	4487455	-1.6E+07	12743487
182.8	197930.9	-74.5166	37.34066	4488843	-1.6E+07	12743148
183	198413.3	-74.5125	37.33849	4490236	-1.6E+07	12742809
183.2	198896.7	-74.5083	37.33632	4491633	-1.6E+07	12742467
183.4	199381.1	-74.5042	37.33414	4493034	-1.6E+07	12742125
183.6	199866.3	-74.5001	37.33196	4494440	-1.6E+07	12741780
183.8	200352.4	-74.4959	37.32977	4495850	-1.6E+07	12741434
184	200839.5	-74.4917	37.32757	4497264	-1.6E+07	12741087
184.2	201327.5	-74.4876	37.32536	4498682	-1.6E+07	12740738
184.4	201816.5	-74.4834	37.32315	4500105	-1.6E+07	12740387
184.6	202306.4	-74.4792	37.32093	4501532	-1.6E+07	12740035
184.8	202797.2	-74.4749	37.3187	4502963	-1.6E+07	12739682
185	203289	-74.4707	37.31647	4504399	-1.6E+07	12739326
185.2	203781.7	-74.4665	37.31422	4505839	-1.6E+07	12738969
185.4	204275.4	-74.4622	37.31198	4507283	-1.6E+07	12738611
185.6	204770.1	-74.4579	37.30972	4508732	-1.6E+07	12738251
185.8	205265.7	-74.4536	37.30746	4510185	-1.6E+07	12737890
186	205762.3	-74.4493	37.30519	4511643	-1.6E+07	12737527
186.2	206259.9	-74.445	37.30291	4513105	-1.6E+07	12737162
186.4	206758.5	-74.4407	37.30062	4514572	-1.6E+07	12736796
186.6	207258	-74.4364	37.29833	4516042	-1.6E+07	12736428

186.8	207758.5	-74.432	37.29603	4517518	-1.6E+07	12736058
187	208260	-74.4277	37.29372	4518998	-1.6E+07	12735687
187.2	208762.6	-74.4233	37.29141	4520482	-1.6E+07	12735314
187.4	209266.1	-74.4189	37.28909	4521971	-1.6E+07	12734940
187.6	209770.6	-74.4145	37.28676	4523464	-1.6E+07	12734564
187.8	210276.1	-74.4101	37.28442	4524962	-1.6E+07	12734187
188	210782.7	-74.4056	37.28208	4526464	-1.6E+07	12733808
188.2	211290.2	-74.4012	37.27972	4527971	-1.6E+07	12733427
188.4	211798.8	-74.3967	37.27737	4529483	-1.6E+07	12733044
188.6	212308.4	-74.3923	37.275	4530999	-1.6E+07	12732660
188.8	212819.1	-74.3878	37.27262	4532519	-1.6E+07	12732275
189	213330.8	-74.3833	37.27024	4534044	-1.6E+07	12731887
189.2	213843.5	-74.3788	37.26785	4535574	-1.6E+07	12731498
189.4	214357.3	-74.3743	37.26546	4537108	-1.6E+07	12731108
189.6	214872.2	-74.3697	37.26305	4538647	-1.6E+07	12730716
189.8	215388.1	-74.3652	37.26064	4540191	-1.6E+07	12730322
190	215905.1	-74.3606	37.25822	4541739	-1.6E+07	12729926
190.2	216423.1	-74.356	37.25579	4543292	-1.6E+07	12729529
190.4	216942.2	-74.3514	37.25336	4544850	-1.6E+07	12729130
190.6	217462.5	-74.3468	37.25091	4546412	-1.6E+07	12728730
190.8	217983.7	-74.3422	37.24846	4547979	-1.6E+07	12728328
191	218506.1	-74.3376	37.24601	4549551	-1.6E+07	12727924
191.2	219029.6	-74.3329	37.24354	4551128	-1.6E+07	12727518
191.4	219554.2	-74.3283	37.24106	4552709	-1.6E+07	12727111
191.6	220079.9	-74.3236	37.23858	4554295	-1.6E+07	12726702
191.8	220606.6	-74.3189	37.23609	4555886	-1.6E+07	12726291
192	221134.6	-74.3142	37.2336	4557481	-1.6E+07	12725879
192.2	221663.6	-74.3095	37.23109	4559082	-1.6E+07	12725465
192.4	222193.8	-74.3048	37.22858	4560687	-1.6E+07	12725049
192.6	222725	-74.3	37.22605	4562297	-1.6E+07	12724632
192.8	223257.5	-74.2953	37.22353	4563912	-1.6E+07	12724213
193	223791	-74.2905	37.22099	4565531	-1.6E+07	12723792
193.2	224325.7	-74.2857	37.21844	4567156	-1.6E+07	12723369
193.4	224861.6	-74.2809	37.21589	4568785	-1.6E+07	12722945
193.6	225398.7	-74.2761	37.21333	4570420	-1.6E+07	12722519
193.8	225936.9	-74.2713	37.21076	4572059	-1.6E+07	12722092
194	226476.2	-74.2664	37.20818	4573703	-1.6E+07	12721662
194.2	227016.8	-74.2616	37.20559	4575352	-1.6E+07	12721231
194.4	227558.5	-74.2567	37.203	4577006	-1.6E+07	12720798
194.6	228101.4	-74.2518	37.2004	4578665	-1.6E+07	12720363
194.8	228645.6	-74.2469	37.19779	4580329	-1.6E+07	12719927
195	229190.9	-74.242	37.19517	4581998	-1.6E+07	12719489
195.2	229737.4	-74.2371	37.19254	4583672	-1.6E+07	12719049
195.4	230285.2	-74.2321	37.18991	4585352	-1.6E+07	12718607
195.6	230834.2	-74.2272	37.18726	4587036	-1.6E+07	12718164
195.8	231384.4	-74.2222	37.18461	4588725	-1.6E+07	12717718
196	231935.8	-74.2172	37.18195	4590419	-1.6E+07	12717271

196.2	232488.5	-74.2122	37.17928	4592118	-1.6E+07	12716823
196.4	233042.4	-74.2072	37.17661	4593823	-1.6E+07	12716372
196.6	233597.6	-74.2022	37.17392	4595532	-1.6E+07	12715920
196.8	234154.1	-74.1971	37.17123	4597247	-1.6E+07	12715466
197	234711.8	-74.1921	37.16852	4598967	-1.6E+07	12715010
197.2	235270.8	-74.187	37.16581	4600692	-1.6E+07	12714552
197.4	235831.1	-74.1819	37.16309	4602422	-1.6E+07	12714092
197.6	236392.6	-74.1768	37.16037	4604157	-1.6E+07	12713631
197.8	236955.5	-74.1717	37.15763	4605898	-1.6E+07	12713168
198	237519.7	-74.1665	37.15488	4607644	-1.6E+07	12712703
198.2	238085.1	-74.1614	37.15213	4609395	-1.6E+07	12712236
198.4	238651.9	-74.1562	37.14937	4611151	-1.6E+07	12711768
198.6	239220	-74.151	37.1466	4612913	-1.6E+07	12711297
198.8	239789.4	-74.1458	37.14382	4614680	-1.6E+07	12710825
199	240360.2	-74.1406	37.14103	4616452	-1.6E+07	12710351
199.2	240932.3	-74.1354	37.13823	4618229	-1.6E+07	12709875
199.4	241505.8	-74.1301	37.13542	4620012	-1.6E+07	12709397
199.6	242080.6	-74.1249	37.13261	4621800	-1.6E+07	12708918
199.8	242656.7	-74.1196	37.12978	4623594	-1.6E+07	12708436
200	243234.3	-74.1143	37.12695	4625393	-1.6E+07	12707953
200.2	243813.2	-74.109	37.12411	4627197	-1.6E+07	12707468
200.4	244393.5	-74.1037	37.12126	4629007	-1.6E+07	12706981
200.6	244975.2	-74.0984	37.1184	4630822	-1.6E+07	12706492
200.8	245558.3	-74.093	37.11553	4632643	-1.6E+07	12706001
201	246142.9	-74.0876	37.11265	4634469	-1.6E+07	12705508
201.2	246728.8	-74.0822	37.10977	4636301	-1.6E+07	12705013
201.4	247316.1	-74.0768	37.10687	4638138	-1.6E+07	12704517
201.6	247904.9	-74.0714	37.10397	4639981	-1.6E+07	12704019
201.8	248495.1	-74.066	37.10105	4641829	-1.6E+07	12703518
202	249086.8	-74.0606	37.09813	4643683	-1.6E+07	12703016
202.2	249679.9	-74.0551	37.0952	4645542	-1.6E+07	12702512
202.4	250274.5	-74.0496	37.09225	4647407	-1.6E+07	12702006
202.6	250870.6	-74.0441	37.0893	4649278	-1.6E+07	12701498
202.8	251468.1	-74.0386	37.08634	4651154	-1.6E+07	12700988
203	252067.1	-74.0331	37.08337	4653036	-1.6E+07	12700477
203.2	252667.7	-74.0275	37.08039	4654924	-1.6E+07	12699963
203.4	253269.7	-74.022	37.07741	4656817	-1.6E+07	12699447
203.6	253873.2	-74.0164	37.07441	4658716	-1.6E+07	12698930
203.8	254478.3	-74.0108	37.0714	4660621	-1.6E+07	12698410
204	255084.9	-74.0052	37.06838	4662532	-1.6E+07	12697889
204.2	255693	-73.9996	37.06536	4664448	-1.6E+07	12697365
204.4	256302.7	-73.9939	37.06232	4666370	-1.6E+07	12696840
204.6	256913.9	-73.9883	37.05928	4668298	-1.6E+07	12696313
204.8	257526.7	-73.9826	37.05622	4670232	-1.6E+07	12695783
205	258141.1	-73.9769	37.05316	4672171	-1.6E+07	12695252
205.2	258757	-73.9712	37.05008	4674117	-1.6E+07	12694719
205.4	259374.5	-73.9655	37.047	4676068	-1.6E+07	12694183

205.6	259993.7	-73.9597	37.04391	4678025	-1.6E+07	12693646
205.8	260614.4	-73.954	37.0408	4679988	-1.6E+07	12693107
206	261236.6	-73.9482	37.03769	4681957	-1.6E+07	12692566
206.2	261860.5	-73.9424	37.03457	4683932	-1.6E+07	12692023
206.4	262485.9	-73.9366	37.03143	4685913	-1.6E+07	12691477
206.6	263113	-73.9307	37.02829	4687899	-1.6E+07	12690930
206.8	263741.6	-73.9249	37.02514	4689891	-1.6E+07	12690381
207	264371.8	-73.919	37.02198	4691890	-1.6E+07	12689830
207.2	265003.6	-73.9132	37.01881	4693894	-1.6E+07	12689277
207.4	265636.9	-73.9073	37.01563	4695904	-1.6E+07	12688722
207.6	266271.9	-73.9014	37.01244	4697920	-1.6E+07	12688165
207.8	266908.4	-73.8954	37.00924	4699941	-1.6E+07	12687605
208	267546.5	-73.8895	37.00603	4701969	-1.6E+07	12687044
208.2	268186.2	-73.8835	37.00281	4704002	-1.6E+07	12686481
208.4	268827.4	-73.8776	36.99958	4706041	-1.6E+07	12685916
208.6	269470.3	-73.8716	36.99634	4708086	-1.6E+07	12685349
208.8	270114.7	-73.8656	36.99309	4710137	-1.6E+07	12684780
209	270760.7	-73.8595	36.98983	4712194	-1.6E+07	12684209
209.2	271408.3	-73.8535	36.98657	4714256	-1.6E+07	12683636
209.4	272057.4	-73.8474	36.98329	4716325	-1.6E+07	12683061
209.6	272708.2	-73.8414	36.98	4718399	-1.6E+07	12682484
209.8	273360.5	-73.8353	36.97671	4720479	-1.6E+07	12681905
210	274014.4	-73.8292	36.9734	4722564	-1.6E+07	12681324
210.2	274669.8	-73.823	36.97008	4724656	-1.6E+07	12680741
210.4	275326.8	-73.8169	36.96676	4726753	-1.6E+07	12680156
210.6	275985.4	-73.8107	36.96342	4728857	-1.6E+07	12679569
210.8	276645.6	-73.8046	36.96008	4730966	-1.6E+07	12678980
211	277307.3	-73.7984	36.95673	4733080	-1.6E+07	12678389
211.2	277970.6	-73.7922	36.95336	4735201	-1.6E+07	12677796
211.4	278635.5	-73.7859	36.94999	4737327	-1.6E+07	12677201
211.6	279301.9	-73.7797	36.9466	4739459	-1.6E+07	12676604
211.8	279969.8	-73.7735	36.94321	4741597	-1.6E+07	12676005
212	280639.3	-73.7672	36.93981	4743741	-1.6E+07	12675404
212.2	281310.2	-73.7609	36.9364	4745890	-1.6E+07	12674801
212.4	281982.6	-73.7546	36.93298	4748045	-1.6E+07	12674195
212.6	282656.4	-73.7483	36.92954	4750206	-1.6E+07	12673588
212.8	283331.7	-73.7419	36.9261	4752373	-1.6E+07	12672979
213	284008.3	-73.7356	36.92265	4754546	-1.6E+07	12672367
213.2	284686.3	-73.7292	36.91919	4756724	-1.6E+07	12671754
213.4	285365.6	-73.7228	36.91572	4758908	-1.6E+07	12671138
213.6	286046.2	-73.7164	36.91224	4761097	-1.6E+07	12670520
213.8	286728.1	-73.71	36.90875	4763293	-1.6E+07	12669900
214	287411.3	-73.7036	36.90526	4765494	-1.6E+07	12669277
214.2	288095.6	-73.6971	36.90175	4767701	-1.6E+07	12668653
214.4	288781.2	-73.6907	36.89823	4769914	-1.6E+07	12668026
214.6	289467.9	-73.6842	36.8947	4772132	-1.6E+07	12667396
214.8	290155.8	-73.6777	36.89116	4774356	-1.6E+07	12666765

215	290844.8	-73.6712	36.88762	4776586	-1.6E+07	12666131
215.2	291534.9	-73.6646	36.88406	4778821	-1.6E+07	12665495
215.4	292226	-73.6581	36.88049	4781062	-1.6E+07	12664857
215.6	292918.2	-73.6515	36.87692	4783309	-1.6E+07	12664216
215.8	293611.4	-73.6449	36.87333	4785562	-1.6E+07	12663573
216	294305.6	-73.6383	36.86973	4787820	-1.6E+07	12662927
216.2	295000.6	-73.6317	36.86613	4790084	-1.6E+07	12662279
216.4	295696.7	-73.6251	36.86251	4792354	-1.6E+07	12661628
216.6	296393.6	-73.6185	36.85889	4794629	-1.6E+07	12660976
216.8	297091.5	-73.6118	36.85525	4796910	-1.6E+07	12660320
217	297790.2	-73.6051	36.85161	4799196	-1.6E+07	12659662
217.2	298489.8	-73.5984	36.84795	4801488	-1.6E+07	12659002
217.4	299190.3	-73.5917	36.84429	4803786	-1.6E+07	12658339
217.6	299891.7	-73.585	36.84062	4806090	-1.6E+07	12657674
217.8	300593.9	-73.5783	36.83693	4808399	-1.6E+07	12657007
218	301297.1	-73.5715	36.83324	4810713	-1.6E+07	12656336
218.2	302001.1	-73.5647	36.82954	4813033	-1.6E+07	12655664
218.4	302705.9	-73.5579	36.82583	4815359	-1.6E+07	12654989
218.6	303411.6	-73.5511	36.8221	4817690	-1.6E+07	12654312
218.8	304118.2	-73.5443	36.81837	4820027	-1.6E+07	12653632
219	304825.6	-73.5375	36.81463	4822370	-1.6E+07	12652949
219.2	305533.9	-73.5306	36.81088	4824718	-1.6E+07	12652264
219.4	306243	-73.5237	36.80712	4827071	-1.6E+07	12651577
219.6	306952.9	-73.5169	36.80335	4829430	-1.6E+07	12650887
219.8	307663.7	-73.51	36.79957	4831795	-1.6E+07	12650195
220	308375.4	-73.503	36.79578	4834165	-1.6E+07	12649501
220.2	309087.8	-73.4961	36.79199	4836541	-1.6E+07	12648804
220.4	309801.1	-73.4892	36.78818	4838922	-1.6E+07	12648104
220.6	310515.2	-73.4822	36.78436	4841308	-1.6E+07	12647402
220.8	311230.1	-73.4752	36.78054	4843700	-1.6E+07	12646698
221	311945.9	-73.4682	36.7767	4846098	-1.6E+07	12645991
221.2	312662.5	-73.4612	36.77285	4848501	-1.6E+07	12645282
221.4	313379.8	-73.4542	36.769	4850909	-1.6E+07	12644570
221.6	314098	-73.4472	36.76513	4853323	-1.6E+07	12643856
221.8	314817	-73.4401	36.76126	4855742	-1.6E+07	12643139
222	315536.8	-73.433	36.75738	4858166	-1.6E+07	12642420
222.2	316257.4	-73.4259	36.75348	4860596	-1.6E+07	12641699
222.4	316978.8	-73.4188	36.74958	4863032	-1.6E+07	12640975
222.6	317700.9	-73.4117	36.74567	4865472	-1.6E+07	12640248
222.8	318423.9	-73.4046	36.74175	4867918	-1.6E+07	12639520
223	319147.6	-73.3974	36.73782	4870370	-1.6E+07	12638788
223.2	319872.1	-73.3903	36.73388	4872826	-1.6E+07	12638055
223.4	320597.3	-73.3831	36.72993	4875288	-1.6E+07	12637319
223.6	321323.4	-73.3759	36.72598	4877755	-1.6E+07	12636580
223.8	322050.2	-73.3687	36.72201	4880228	-1.6E+07	12635839
224	322777.7	-73.3615	36.71803	4882706	-1.6E+07	12635096
224.2	323506	-73.3543	36.71405	4885189	-1.6E+07	12634350



224.4	324235	-73.347	36.71005	4887677	-1.6E+07	12633602
224.6	324964.8	-73.3397	36.70605	4890171	-1.6E+07	12632852
224.8	325695.3	-73.3325	36.70204	4892670	-1.6E+07	12632099
225	326426.6	-73.3252	36.69801	4895173	-1.6E+07	12631343
225.2	327158.6	-73.3179	36.69398	4897683	-1.6E+07	12630585
225.4	327891.3	-73.3105	36.68994	4900197	-1.6E+07	12629825
225.6	328624.7	-73.3032	36.68589	4902716	-1.6E+07	12629063
225.8	329358.8	-73.2958	36.68184	4905241	-1.6E+07	12628298
226	330093.7	-73.2885	36.67777	4907771	-1.6E+07	12627530
226.2	330829.2	-73.2811	36.67369	4910306	-1.6E+07	12626760
226.4	331565.4	-73.2737	36.66961	4912846	-1.6E+07	12625988
226.6	332302.4	-73.2663	36.66551	4915391	-1.6E+07	12625214
226.8	333040	-73.2589	36.66141	4917941	-1.6E+07	12624437
227	333778.3	-73.2514	36.6573	4920496	-1.6E+07	12623657
227.2	334517.3	-73.244	36.65318	4923056	-1.6E+07	12622875
227.4	335257	-73.2365	36.64905	4925621	-1.6E+07	12622091
227.6	335997.3	-73.229	36.64491	4928191	-1.6E+07	12621305
227.8	336738.3	-73.2215	36.64076	4930767	-1.6E+07	12620516
228	337480	-73.214	36.6366	4933347	-1.6E+07	12619724
228.2	338222.3	-73.2065	36.63244	4935932	-1.6E+07	12618931
228.4	338965.3	-73.1989	36.62826	4938522	-1.6E+07	12618135
228.6	339709	-73.1914	36.62408	4941117	-1.6E+07	12617336
228.8	340453.2	-73.1838	36.61989	4943717	-1.6E+07	12616536
229	341198.1	-73.1763	36.61569	4946322	-1.6E+07	12615732
229.2	341943.7	-73.1687	36.61148	4948931	-1.6E+07	12614927
229.4	342689.8	-73.1611	36.60726	4951546	-1.6E+07	12614119
229.6	343436.6	-73.1534	36.60304	4954165	-1.6E+07	12613309
229.8	344184.1	-73.1458	36.5988	4956790	-1.6E+07	12612496
230	344932.1	-73.1382	36.59456	4959419	-1.6E+07	12611681
230.2	345680.9	-73.1305	36.59031	4962053	-1.6E+07	12610864
230.4	346430.2	-73.1228	36.58604	4964692	-1.6E+07	12610044
230.6	347180.2	-73.1151	36.58177	4967336	-1.6E+07	12609222
230.8	347930.9	-73.1074	36.57749	4969985	-1.6E+07	12608398
231	348682.2	-73.0997	36.57321	4972639	-1.6E+07	12607571
231.2	349434.2	-73.092	36.56891	4975298	-1.6E+07	12606741
231.4	350186.9	-73.0842	36.5646	4977962	-1.6E+07	12605909
231.6	350940.2	-73.0765	36.56029	4980632	-1.6E+07	12605075
231.8	351694.2	-73.0687	36.55596	4983306	-1.6E+07	12604239
232	352449	-73.0609	36.55163	4985985	-1.6E+07	12603400
232.2	353204.4	-73.0531	36.54729	4988669	-1.6E+07	12602558
232.4	353960.5	-73.0453	36.54294	4991359	-1.6E+07	12601714
232.6	354717.2	-73.0375	36.53858	4994053	-1.6E+07	12600868
232.8	355474.8	-73.0297	36.53421	4996753	-1.6E+07	12600019
233	356233	-73.0218	36.52983	4999458	-1.6E+07	12599167
233.2	356991.9	-73.0139	36.52544	5002168	-1.6E+07	12598313
233.4	357751.5	-73.006	36.52105	5004883	-1.6E+07	12597457
233.6	358511.8	-72.9981	36.51664	5007603	-1.6E+07	12596598

233.7267	358993.8	-72.9931	36.51384	5009329	-1.6E+07	12596053
233.8	359272.9	-72.9902	36.51222	5010328	-1.6E+07	12595737
234	360033.8	-72.9823	36.5078	5013056	-1.6E+07	12594874
234.2	360794.2	-72.9744	36.50338	5015784	-1.6E+07	12594010
234.4	361554.1	-72.9665	36.49896	5018513	-1.6E+07	12593145
234.6	362313.3	-72.9585	36.49453	5021242	-1.6E+07	12592279
234.8	363071.9	-72.9506	36.49011	5023972	-1.6E+07	12591412
235	363829.8	-72.9427	36.48568	5026702	-1.6E+07	12590544
235.2	364587.1	-72.9348	36.48125	5029431	-1.6E+07	12589676
235.4	365343.8	-72.9269	36.47682	5032162	-1.6E+07	12588806
235.6	366099.7	-72.9189	36.47239	5034892	-1.6E+07	12587936
235.8	366855	-72.911	36.46796	5037622	-1.6E+07	12587064
236	367609.5	-72.9031	36.46353	5040352	-1.6E+07	12586192
236.2	368363.3	-72.8952	36.4591	5043082	-1.6E+07	12585319
236.4	369116.4	-72.8873	36.45466	5045812	-1.6E+07	12584445
236.6	369868.7	-72.8793	36.45023	5048542	-1.6E+07	12583571
236.8	370620.3	-72.8714	36.44579	5051272	-1.6E+07	12582696
237	371371	-72.8635	36.44136	5054001	-1.6E+07	12581820
237.2	372121	-72.8556	36.43692	5056730	-1.6E+07	12580943
237.4	372870.2	-72.8477	36.43249	5059459	-1.6E+07	12580065
237.6	373618.5	-72.8398	36.42805	5062187	-1.6E+07	12579187
237.8	374366.1	-72.8319	36.42361	5064915	-1.6E+07	12578308
238	375112.9	-72.824	36.41918	5067643	-1.6E+07	12577428
238.2	375858.9	-72.8161	36.41474	5070371	-1.6E+07	12576548
238.4	376604.1	-72.8082	36.4103	5073098	-1.6E+07	12575667
238.6	377348.5	-72.8003	36.40586	5075824	-1.6E+07	12574785
238.7367	377866.6	-72.7948	36.40277	5077723	-1.6E+07	12574170
238.8	378102	-72.7923	36.40137	5078586	-1.6E+07	12573891
239	378844.8	-72.7844	36.39693	5081312	-1.6E+07	12573007
239.2	379586.9	-72.7765	36.39249	5084038	-1.6E+07	12572123
239.4	380328.1	-72.7686	36.38805	5086764	-1.6E+07	12571238
239.6	381068.6	-72.7607	36.38361	5089489	-1.6E+07	12570352
239.7367	381574.2	-72.7553	36.38058	5091352	-1.6E+07	12569747
239.8	381808.3	-72.7528	36.37917	5092214	-1.6E+07	12569466
240	382547.2	-72.7449	36.37473	5094939	-1.6E+07	12568579
240.2	383285.3	-72.737	36.37029	5097664	-1.6E+07	12567691
240.4	384022.7	-72.7291	36.36585	5100388	-1.6E+07	12566802
240.6	384759.2	-72.7212	36.36141	5103112	-1.6E+07	12565913
240.8	385494.9	-72.7134	36.35697	5105835	-1.6E+07	12565023
241	386229.8	-72.7055	36.35253	5108558	-1.6E+07	12564132
241.2	386964	-72.6976	36.34808	5111281	-1.6E+07	12563241
241.4	387697.3	-72.6897	36.34364	5114004	-1.6E+07	12562348
241.6	388429.9	-72.6818	36.3392	5116726	-1.6E+07	12561455
241.8	389161.6	-72.674	36.33475	5119448	-1.6E+07	12560561
242	389892.6	-72.6661	36.33031	5122169	-1.6E+07	12559667
242.2	390622.8	-72.6582	36.32587	5124890	-1.6E+07	12558772
242.4	391352.1	-72.6503	36.32142	5127611	-1.6E+07	12557876

242.6	392080.7	-72.6425	36.31698	5130332	-1.6E+07	12556979
242.8	392808.5	-72.6346	36.31253	5133052	-1.6E+07	12556082
243	393535.5	-72.6267	36.30809	5135772	-1.6E+07	12555183
243.2	394261.7	-72.6189	36.30364	5138492	-1.6E+07	12554284
243.4	394987.1	-72.611	36.2992	5141211	-1.6E+07	12553385
243.6	395711.7	-72.6032	36.29475	5143930	-1.6E+07	12552484
243.8	396435.5	-72.5953	36.2903	5146649	-1.6E+07	12551583
244	397158.5	-72.5874	36.28586	5149367	-1.6E+07	12550681
244.2	397880.8	-72.5796	36.28141	5152085	-1.6E+07	12549779
244.4	398602.2	-72.5717	36.27696	5154803	-1.6E+07	12548876
244.6	399322.8	-72.5639	36.27251	5157520	-1.6E+07	12547972
244.8	400042.7	-72.556	36.26807	5160237	-1.6E+07	12547067
245	400761.7	-72.5482	36.26362	5162954	-1.6E+07	12546161
245.2	401480	-72.5403	36.25917	5165671	-1.6E+07	12545255
245.4	402197.5	-72.5325	36.25472	5168387	-1.6E+07	12544348
245.6	402914.1	-72.5246	36.25027	5171102	-1.6E+07	12543440
245.8	403630	-72.5168	36.24582	5173818	-1.6E+07	12542532
246	404345.1	-72.5089	36.24137	5176533	-1.6E+07	12541623
246.2	405059.4	-72.5011	36.23692	5179248	-1.6E+07	12540713
246.4	405772.9	-72.4933	36.23247	5181962	-1.6E+07	12539802
246.6	406485.6	-72.4854	36.22802	5184677	-1.6E+07	12538891
246.8	407197.5	-72.4776	36.22357	5187390	-1.6E+07	12537979
247	407908.6	-72.4698	36.21911	5190104	-1.6E+07	12537066
247.2	408619	-72.4619	36.21466	5192817	-1.6E+07	12536152
247.4	409328.5	-72.4541	36.21021	5195530	-1.6E+07	12535238
247.6	410037.2	-72.4463	36.20576	5198243	-1.6E+07	12534323
247.8	410745.2	-72.4384	36.2013	5200955	-1.6E+07	12533407
248	411452.3	-72.4306	36.19685	5203667	-1.6E+07	12532491
248.2	412158.7	-72.4228	36.1924	5206378	-1.6E+07	12531574
248.4	412864.3	-72.415	36.18794	5209090	-1.6E+07	12530656
248.6	413569	-72.4071	36.18349	5211800	-1.6E+07	12529737
248.8	414273	-72.3993	36.17903	5214511	-1.6E+07	12528818
249	414976.2	-72.3915	36.17458	5217221	-1.6E+07	12527898
249.2	415678.6	-72.3837	36.17012	5219931	-1.6E+07	12526977
249.4	416380.2	-72.3759	36.16567	5222641	-1.6E+07	12526055
249.6	417081	-72.368	36.16121	5225350	-1.6E+07	12525133
249.8	417781	-72.3602	36.15675	5228059	-1.6E+07	12524210
250	418480.2	-72.3524	36.1523	5230768	-1.6E+07	12523286
250.2	419178.7	-72.3446	36.14784	5233476	-1.6E+07	12522362
250.4	419876.3	-72.3368	36.14338	5236184	-1.6E+07	12521436
250.6	420573.2	-72.329	36.13892	5238892	-1.6E+07	12520510
250.8	421269.2	-72.3212	36.13447	5241599	-1.6E+07	12519584
251	421964.5	-72.3134	36.13001	5244306	-1.6E+07	12518656
251.2	422658.9	-72.3056	36.12555	5247013	-1.6E+07	12517728
251.4	423352.6	-72.2978	36.12109	5249720	-1.6E+07	12516799
251.6	424045.5	-72.29	36.11663	5252426	-1.6E+07	12515870
251.8	424737.6	-72.2822	36.11217	5255131	-1.6E+07	12514939

252	425428.9	-72.2744	36.10771	5257837	-1.6E+07	12514008
252.2	426119.4	-72.2666	36.10325	5260542	-1.6E+07	12513076
252.4	426809.1	-72.2588	36.09879	5263247	-1.6E+07	12512144
252.6	427498	-72.251	36.09433	5265951	-1.6E+07	12511211
252.8	428186.2	-72.2432	36.08987	5268655	-1.6E+07	12510277
253	428873.5	-72.2354	36.08541	5271359	-1.6E+07	12509342
253.2	429560.1	-72.2276	36.08094	5274062	-1.6E+07	12508407
253.4	430245.8	-72.2199	36.07648	5276766	-1.6E+07	12507470
253.6	430930.8	-72.2121	36.07202	5279468	-1.6E+07	12506534
253.8	431614.9	-72.2043	36.06756	5282171	-1.6E+07	12505596
254	432298.3	-72.1965	36.06309	5284873	-1.6E+07	12504658
254.2	432980.9	-72.1887	36.05863	5287575	-1.6E+07	12503719
254.4	433662.7	-72.181	36.05416	5290276	-1.6E+07	12502779
254.6	434343.7	-72.1732	36.0497	5292978	-1.6E+07	12501838
254.8	435023.9	-72.1654	36.04524	5295678	-1.6E+07	12500897
255	435703.3	-72.1576	36.04077	5298379	-1.6E+07	12499955
255.2	436382	-72.1499	36.03631	5301079	-1.6E+07	12499012
255.4	437059.8	-72.1421	36.03184	5303779	-1.6E+07	12498069
255.6	437736.8	-72.1343	36.02737	5306479	-1.6E+07	12497125
255.8	438413.1	-72.1266	36.02291	5309178	-1.6E+07	12496180
256	439088.5	-72.1188	36.01844	5311877	-1.6E+07	12495234
256.2	439763.2	-72.111	36.01397	5314575	-1.6E+07	12494288
256.4	440437.1	-72.1033	36.00951	5317273	-1.6E+07	12493341
256.6	441110.2	-72.0955	36.00504	5319971	-1.6E+07	12492393
256.8	441782.4	-72.0877	36.00057	5322669	-1.6E+07	12491445
257	442453.9	-72.08	35.9961	5325366	-1.6E+07	12490496
257.2	443124.6	-72.0722	35.99163	5328063	-1.6E+07	12489546
257.4	443794.6	-72.0645	35.98717	5330760	-1.6E+07	12488595
257.6	444463.7	-72.0567	35.9827	5333456	-1.6E+07	12487644
257.8	445132	-72.049	35.97823	5336152	-1.6E+07	12486691
258	445799.5	-72.0412	35.97376	5338847	-1.6E+07	12485739
258.2	446466.3	-72.0335	35.96929	5341543	-1.6E+07	12484785
258.4	447132.2	-72.0257	35.96482	5344238	-1.6E+07	12483831
258.6	447797.4	-72.018	35.96034	5346932	-1.6E+07	12482876
258.8	448461.8	-72.0102	35.95587	5349627	-1.6E+07	12481920
259	449125.4	-72.0025	35.9514	5352321	-1.6E+07	12480964
259.2	449788.2	-71.9947	35.94693	5355014	-1.6E+07	12480006
259.4	450450.2	-71.987	35.94246	5357708	-1.6E+07	12479048
259.6	451111.4	-71.9793	35.93798	5360401	-1.6E+07	12478090
259.8	451771.8	-71.9715	35.93351	5363093	-1.6E+07	12477130
260	452431.4	-71.9638	35.92904	5365786	-1.6E+07	12476170
260.2	453090.2	-71.9561	35.92456	5368478	-1.6E+07	12475210
260.4	453748.3	-71.9483	35.92009	5371169	-1.6E+07	12474248
260.6	454405.5	-71.9406	35.91562	5373861	-1.6E+07	12473286
260.8	455062	-71.9329	35.91114	5376552	-1.6E+07	12472323
261	455717.7	-71.9251	35.90667	5379242	-1.6E+07	12471359
261.2	456372.6	-71.9174	35.90219	5381933	-1.6E+07	12470395

261.4	457026.7	-71.9097	35.89772	5384623	-1.6E+07	12469430
261.6	457680	-71.902	35.89324	5387312	-1.6E+07	12468464
261.8	458332.5	-71.8942	35.88876	5390002	-1.6E+07	12467497
262	458984.2	-71.8865	35.88429	5392691	-1.6E+07	12466530
262.2	459635.1	-71.8788	35.87981	5395379	-1.6E+07	12465562
262.4	460285.3	-71.8711	35.87533	5398068	-1.6E+07	12464593
262.6	460934.6	-71.8634	35.87086	5400756	-1.6E+07	12463624
262.8	461583.2	-71.8556	35.86638	5403443	-1.6E+07	12462653
263	462230.9	-71.8479	35.8619	5406131	-1.6E+07	12461683
263.2	462877.9	-71.8402	35.85742	5408818	-1.6E+07	12460711
263.4	463524.1	-71.8325	35.85294	5411504	-1.6E+07	12459739
263.6	464169.5	-71.8248	35.84846	5414191	-1.6E+07	12458765
263.8	464814.1	-71.8171	35.84398	5416877	-1.6E+07	12457792
264	465457.9	-71.8094	35.8395	5419563	-1.6E+07	12456817
264.2	466100.9	-71.8017	35.83502	5422248	-1.6E+07	12455842
264.4	466743.2	-71.794	35.83054	5424933	-1.6E+07	12454866
264.6	467384.6	-71.7863	35.82606	5427618	-1.6E+07	12453889
264.8	468025.3	-71.7786	35.82158	5430302	-1.6E+07	12452912
265	468665.1	-71.7709	35.8171	5432986	-1.6E+07	12451934
265.2	469304.2	-71.7632	35.81262	5435670	-1.6E+07	12450955
265.4	469942.5	-71.7555	35.80813	5438353	-1.6E+07	12449975
265.6	470580	-71.7478	35.80365	5441036	-1.6E+07	12448995
265.8	471216.7	-71.7401	35.79917	5443719	-1.6E+07	12448014
266	471852.6	-71.7324	35.79468	5446401	-1.6E+07	12447032
266.2	472487.8	-71.7247	35.7902	5449084	-1.7E+07	12446050
266.4	473122.1	-71.717	35.78572	5451765	-1.7E+07	12445067
266.6	473755.6	-71.7093	35.78123	5454447	-1.7E+07	12444083
266.8	474388.4	-71.7017	35.77675	5457128	-1.7E+07	12443098
267	475020.4	-71.694	35.77226	5459808	-1.7E+07	12442113
267.2	475651.5	-71.6863	35.76778	5462489	-1.7E+07	12441127
267.4	476281.9	-71.6786	35.76329	5465169	-1.7E+07	12440140
267.6	476911.5	-71.6709	35.75881	5467849	-1.7E+07	12439153
267.8	477540.3	-71.6633	35.75432	5470528	-1.7E+07	12438165
268	478168.4	-71.6556	35.74983	5473207	-1.7E+07	12437176
268.2	478795.6	-71.6479	35.74535	5475886	-1.7E+07	12436186
268.4	479422	-71.6402	35.74086	5478564	-1.7E+07	12435196
268.6	480047.7	-71.6326	35.73637	5481242	-1.7E+07	12434205
268.8	480672.5	-71.6249	35.73188	5483920	-1.7E+07	12433213
269	481296.6	-71.6172	35.72739	5486597	-1.7E+07	12432221
269.2	481919.9	-71.6096	35.72291	5489274	-1.7E+07	12431227
269.4	482542.4	-71.6019	35.71842	5491951	-1.7E+07	12430233
269.6	483164.1	-71.5942	35.71393	5494628	-1.7E+07	12429239
269.8	483785	-71.5866	35.70944	5497304	-1.7E+07	12428243
270	484405.1	-71.5789	35.70495	5499979	-1.7E+07	12427247
270.2	485024.5	-71.5712	35.70046	5502655	-1.7E+07	12426251
270.4	485643	-71.5636	35.69597	5505330	-1.7E+07	12425253
270.6	486260.8	-71.5559	35.69148	5508004	-1.7E+07	12424255

270.8	486877.8	-71.5483	35.68698	5510679	-1.7E+07	12423256
271	487493.9	-71.5406	35.68249	5513353	-1.7E+07	12422256
271.2	488109.3	-71.533	35.678	5516027	-1.7E+07	12421256
271.4	488723.9	-71.5253	35.67351	5518700	-1.7E+07	12420255
271.6	489337.8	-71.5176	35.66902	5521373	-1.7E+07	12419253
271.8	489950.8	-71.51	35.66452	5524046	-1.7E+07	12418250
272	490563	-71.5024	35.66003	5526718	-1.7E+07	12417247
272.2	491174.5	-71.4947	35.65554	5529390	-1.7E+07	12416243
272.4	491785.1	-71.4871	35.65104	5532062	-1.7E+07	12415239
272.6	492395	-71.4794	35.64655	5534733	-1.7E+07	12414233
272.8	493004.1	-71.4718	35.64205	5537404	-1.7E+07	12413227
273	493612.4	-71.4641	35.63756	5540075	-1.7E+07	12412220
273.2	494219.9	-71.4565	35.63306	5542745	-1.7E+07	12411213
273.4	494826.6	-71.4489	35.62857	5545415	-1.7E+07	12410205
273.6	495432.5	-71.4412	35.62407	5548085	-1.7E+07	12409196
273.8	496037.7	-71.4336	35.61957	5550754	-1.7E+07	12408186
274	496642	-71.426	35.61508	5553423	-1.7E+07	12407176
274.2	497245.6	-71.4183	35.61058	5556092	-1.7E+07	12406164
274.4	497848.4	-71.4107	35.60608	5558760	-1.7E+07	12405153
274.6	498450.3	-71.4031	35.60158	5561428	-1.7E+07	12404140
274.8	499051.5	-71.3954	35.59709	5564096	-1.7E+07	12403127
275	499651.9	-71.3878	35.59259	5566763	-1.7E+07	12402113
275.2	500251.6	-71.3802	35.58809	5569430	-1.7E+07	12401098
275.4	500850.4	-71.3726	35.58359	5572097	-1.7E+07	12400083
275.6	501448.4	-71.3649	35.57909	5574763	-1.7E+07	12399067
275.8	502045.7	-71.3573	35.57459	5577429	-1.7E+07	12398050
276	502642.2	-71.3497	35.57009	5580095	-1.7E+07	12397032
276.2	503237.8	-71.3421	35.56559	5582760	-1.7E+07	12396014
276.4	503832.7	-71.3345	35.56109	5585425	-1.7E+07	12394995
276.6	504426.8	-71.3268	35.55659	5588090	-1.7E+07	12393976
276.8	505020.2	-71.3192	35.55209	5590754	-1.7E+07	12392955
277	505612.7	-71.3116	35.54758	5593418	-1.7E+07	12391934
277.2	506204.4	-71.304	35.54308	5596082	-1.7E+07	12390912
277.4	506795.4	-71.2964	35.53858	5598745	-1.7E+07	12389890
277.6	507385.5	-71.2888	35.53408	5601408	-1.7E+07	12388867
277.8	507974.9	-71.2812	35.52957	5604070	-1.7E+07	12387843
278	508563.5	-71.2736	35.52507	5606733	-1.7E+07	12386818
278.2	509151.3	-71.266	35.52057	5609395	-1.7E+07	12385793
278.4	509738.3	-71.2584	35.51606	5612056	-1.7E+07	12384766
278.6	510324.5	-71.2508	35.51156	5614717	-1.7E+07	12383740
278.8	510910	-71.2432	35.50705	5617378	-1.7E+07	12382712
279	511494.6	-71.2356	35.50255	5620039	-1.7E+07	12381684
279.2	512078.5	-71.228	35.49804	5622699	-1.7E+07	12380655
279.4	512661.5	-71.2204	35.49354	5625359	-1.7E+07	12379625
279.6	513243.8	-71.2128	35.48903	5628019	-1.7E+07	12378595
279.8	513825.3	-71.2052	35.48452	5630678	-1.7E+07	12377564
280	514406	-71.1976	35.48002	5633337	-1.7E+07	12376532

280.2	514986	-71.19	35.47551	5635995	-1.7E+07	12375500
280.4	515565.1	-71.1824	35.471	5638653	-1.7E+07	12374467
280.6	516143.4	-71.1748	35.46649	5641311	-1.7E+07	12373433
280.8	516721	-71.1673	35.46198	5643969	-1.7E+07	12372398
281	517297.8	-71.1597	35.45748	5646626	-1.7E+07	12371363
281.2	517873.8	-71.1521	35.45297	5649283	-1.7E+07	12370327
281.4	518449	-71.1445	35.44846	5651939	-1.7E+07	12369290
281.6	519023.4	-71.1369	35.44395	5654595	-1.7E+07	12368253
281.8	519597	-71.1294	35.43944	5657251	-1.7E+07	12367214
282	520169.8	-71.1218	35.43493	5659907	-1.7E+07	12366176
282.2	520741.9	-71.1142	35.43042	5662562	-1.7E+07	12365136
282.4	521313.2	-71.1066	35.42591	5665217	-1.7E+07	12364096
282.6	521883.6	-71.0991	35.42139	5667871	-1.7E+07	12363055
282.8	522453.3	-71.0915	35.41688	5670525	-1.7E+07	12362013
283	523022.2	-71.0839	35.41237	5673179	-1.7E+07	12360971
283.2	523590.3	-71.0763	35.40786	5675832	-1.7E+07	12359927
283.4	524157.7	-71.0688	35.40334	5678485	-1.7E+07	12358884
283.6	524724.2	-71.0612	35.39883	5681138	-1.7E+07	12357839
283.8	525290	-71.0536	35.39432	5683791	-1.7E+07	12356794
284	525854.9	-71.0461	35.3898	5686443	-1.7E+07	12355748
284.2	526419.1	-71.0385	35.38529	5689094	-1.7E+07	12354701
284.4	526982.5	-71.031	35.38078	5691746	-1.7E+07	12353654
284.6	527545.1	-71.0234	35.37626	5694397	-1.7E+07	12352606
284.8	528106.9	-71.0158	35.37175	5697047	-1.7E+07	12351557
285	528668	-71.0083	35.36723	5699698	-1.7E+07	12350507
285.2	529228.2	-71.0007	35.36271	5702348	-1.7E+07	12349457
285.4	529787.7	-70.9932	35.3582	5704997	-1.7E+07	12348406
285.6	530346.3	-70.9856	35.35368	5707647	-1.7E+07	12347355
285.8	530904.2	-70.9781	35.34916	5710296	-1.7E+07	12346302
286	531461.3	-70.9705	35.34465	5712944	-1.7E+07	12345249
286.2	532017.6	-70.963	35.34013	5715593	-1.7E+07	12344196
286.4	532573.2	-70.9554	35.33561	5718241	-1.7E+07	12343141
286.6	533127.9	-70.9479	35.33109	5720888	-1.7E+07	12342086
286.8	533681.9	-70.9403	35.32657	5723535	-1.7E+07	12341030
287	534235	-70.9328	35.32206	5726182	-1.7E+07	12339973
287.2	534787.4	-70.9253	35.31754	5728829	-1.7E+07	12338916
287.4	535339	-70.9177	35.31302	5731475	-1.7E+07	12337858
287.6	535889.8	-70.9102	35.3085	5734121	-1.7E+07	12336799
287.8	536439.8	-70.9026	35.30398	5736767	-1.7E+07	12335740
288	536989.1	-70.8951	35.29946	5739412	-1.7E+07	12334680
288.2	537537.5	-70.8876	35.29493	5742057	-1.7E+07	12333619
288.4	538085.2	-70.88	35.29041	5744701	-1.7E+07	12332558
288.6	538632	-70.8725	35.28589	5747345	-1.7E+07	12331495
288.8	539178.1	-70.865	35.28137	5749989	-1.7E+07	12330432
289	539723.4	-70.8574	35.27685	5752633	-1.7E+07	12329369
289.2	540268	-70.8499	35.27232	5755276	-1.7E+07	12328304
289.4	540811.7	-70.8424	35.2678	5757919	-1.7E+07	12327239

289.6	541354.6	-70.8349	35.26328	5760561	-1.7E+07	12326174
289.8	541896.8	-70.8273	35.25875	5763203	-1.7E+07	12325107
290	542438.2	-70.8198	35.25423	5765845	-1.7E+07	12324040
290.2	542978.8	-70.8123	35.24971	5768486	-1.7E+07	12322972
290.4	543518.6	-70.8048	35.24518	5771128	-1.7E+07	12321904
290.6	544057.6	-70.7973	35.24066	5773768	-1.7E+07	12320834
290.8	544595.8	-70.7897	35.23613	5776409	-1.7E+07	12319764
291	545133.2	-70.7822	35.2316	5779049	-1.7E+07	12318694
291.2	545669.9	-70.7747	35.22708	5781688	-1.7E+07	12317622
291.4	546205.8	-70.7672	35.22255	5784328	-1.7E+07	12316550
291.6	546740.9	-70.7597	35.21802	5786967	-1.7E+07	12315477
291.8	547275.2	-70.7522	35.2135	5789605	-1.7E+07	12314404
292	547808.7	-70.7447	35.20897	5792244	-1.7E+07	12313330
292.2	548341.4	-70.7372	35.20444	5794882	-1.7E+07	12312255
292.4	548873.4	-70.7297	35.19991	5797519	-1.7E+07	12311179
292.6	549404.5	-70.7221	35.19538	5800157	-1.7E+07	12310103
292.8	549934.9	-70.7146	35.19085	5802794	-1.7E+07	12309026
293	550464.5	-70.7071	35.18633	5805430	-1.7E+07	12307948
293.2	550993.3	-70.6996	35.1818	5808066	-1.7E+07	12306870
293.4	551521.3	-70.6921	35.17727	5810702	-1.7E+07	12305790
293.6	552048.5	-70.6846	35.17274	5813338	-1.7E+07	12304711
293.8	552575	-70.6771	35.1682	5815973	-1.7E+07	12303630
294	553100.6	-70.6697	35.16367	5818608	-1.7E+07	12302549
294.2	553625.5	-70.6622	35.15914	5821242	-1.7E+07	12301467
294.4	554149.6	-70.6547	35.15461	5823877	-1.7E+07	12300384
294.6	554672.9	-70.6472	35.15008	5826510	-1.7E+07	12299301
294.8	555195.4	-70.6397	35.14555	5829144	-1.7E+07	12298217
295	555717.1	-70.6322	35.14101	5831777	-1.7E+07	12297132
295.2	556238.1	-70.6247	35.13648	5834410	-1.7E+07	12296047
295.4	556758.2	-70.6172	35.13195	5837042	-1.7E+07	12294960
295.6	557277.6	-70.6097	35.12741	5839674	-1.7E+07	12293874
295.8	557796.2	-70.6023	35.12288	5842306	-1.7E+07	12292786
296	558314	-70.5948	35.11834	5844937	-1.7E+07	12291698
296.2	558831	-70.5873	35.11381	5847568	-1.7E+07	12290609
296.4	559347.3	-70.5798	35.10927	5850199	-1.7E+07	12289519
296.6	559862.7	-70.5723	35.10474	5852829	-1.7E+07	12288429
296.8	560377.4	-70.5649	35.1002	5855459	-1.7E+07	12287338
297	560891.3	-70.5574	35.09567	5858089	-1.7E+07	12286246
297.2	561404.4	-70.5499	35.09113	5860718	-1.7E+07	12285153
297.4	561916.7	-70.5424	35.08659	5863347	-1.7E+07	12284060
297.6	562428.2	-70.535	35.08205	5865976	-1.7E+07	12282966
297.8	562939	-70.5275	35.07752	5868604	-1.7E+07	12281872
298	563448.9	-70.52	35.07298	5871232	-1.7E+07	12280776
298.2	563958.1	-70.5126	35.06844	5873860	-1.7E+07	12279681
298.4	564466.5	-70.5051	35.0639	5876487	-1.7E+07	12278584
298.6	564974.1	-70.4976	35.05936	5879114	-1.7E+07	12277486
298.8	565480.9	-70.4902	35.05482	5881740	-1.7E+07	12276388



299	565986.9	-70.4827	35.05028	5884366	-1.7E+07	12275290
299.2	566492.2	-70.4752	35.04574	5886992	-1.7E+07	12274190
299.4	566996.6	-70.4678	35.0412	5889618	-1.7E+07	12273090
299.6	567500.3	-70.4603	35.03666	5892243	-1.7E+07	12271989
299.8	568003.2	-70.4529	35.03212	5894867	-1.7E+07	12270887
300	568505.3	-70.4454	35.02758	5897492	-1.7E+07	12269785
300.2	569006.6	-70.4379	35.02304	5900116	-1.7E+07	12268682
300.4	569507.2	-70.4305	35.01849	5902740	-1.7E+07	12267579
300.6	570006.9	-70.423	35.01395	5905363	-1.7E+07	12266474
300.8	570505.9	-70.4156	35.00941	5907986	-1.7E+07	12265369
301	571004.1	-70.4081	35.00486	5910609	-1.7E+07	12264263
301.2	571501.5	-70.4007	35.00032	5913231	-1.7E+07	12263157
301.4	571998.1	-70.3932	34.99578	5915853	-1.7E+07	12262050
301.6	572493.9	-70.3858	34.99123	5918475	-1.7E+07	12260942
301.8	572989	-70.3784	34.98669	5921096	-1.7E+07	12259833
302	573483.2	-70.3709	34.98214	5923717	-1.7E+07	12258724
302.2	573976.7	-70.3635	34.9776	5926337	-1.7E+07	12257614
302.4	574469.4	-70.356	34.97305	5928958	-1.7E+07	12256503
302.6	574961.3	-70.3486	34.96851	5931577	-1.7E+07	12255392
302.8	575452.4	-70.3412	34.96396	5934197	-1.7E+07	12254280
303	575942.8	-70.3337	34.95941	5936816	-1.7E+07	12253167
303.2	576432.3	-70.3263	34.95486	5939435	-1.7E+07	12252054
303.4	576921.1	-70.3188	34.95032	5942053	-1.7E+07	12250940
303.6	577409.1	-70.3114	34.94577	5944671	-1.7E+07	12249825
303.8	577896.3	-70.304	34.94122	5947289	-1.7E+07	12248709
304	578382.7	-70.2966	34.93667	5949907	-1.7E+07	12247593
304.2	578868.4	-70.2891	34.93212	5952524	-1.7E+07	12246476
304.4	579353.2	-70.2817	34.92757	5955140	-1.7E+07	12245358
304.6	579837.3	-70.2743	34.92302	5957757	-1.7E+07	12244240
304.8	580320.6	-70.2668	34.91847	5960373	-1.7E+07	12243121
305	580803.1	-70.2594	34.91392	5962988	-1.7E+07	12242001
305.2	581284.8	-70.252	34.90937	5965604	-1.7E+07	12240881
305.4	581765.7	-70.2446	34.90482	5968219	-1.7E+07	12239760
305.6	582245.9	-70.2372	34.90027	5970833	-1.7E+07	12238638
305.8	582725.2	-70.2297	34.89572	5973447	-1.7E+07	12237515
306	583203.8	-70.2223	34.89117	5976061	-1.7E+07	12236392
306.2	583681.6	-70.2149	34.88661	5978675	-1.7E+07	12235268
306.4	584158.6	-70.2075	34.88206	5981288	-1.7E+07	12234144
306.6	584634.9	-70.2001	34.87751	5983901	-1.7E+07	12233018
306.8	585110.3	-70.1927	34.87295	5986513	-1.7E+07	12231892
307	585585	-70.1853	34.8684	5989125	-1.7E+07	12230766
307.2	586058.9	-70.1778	34.86385	5991737	-1.7E+07	12229638
307.4	586531.9	-70.1704	34.85929	5994349	-1.7E+07	12228510
307.6	587004.3	-70.163	34.85474	5996960	-1.7E+07	12227381
307.8	587475.8	-70.1556	34.85018	5999570	-1.7E+07	12226252
308	587946.5	-70.1482	34.84562	6002181	-1.7E+07	12225122
308.2	588416.5	-70.1408	34.84107	6004791	-1.7E+07	12223991

308.4	588885.7	-70.1334	34.83651	6007400	-1.7E+07	12222859
308.6	589354.1	-70.126	34.83195	6010010	-1.7E+07	12221727
308.8	589821.7	-70.1186	34.8274	6012619	-1.7E+07	12220594
309	590288.5	-70.1112	34.82284	6015227	-1.7E+07	12219460
309.2	590754.5	-70.1038	34.81828	6017835	-1.7E+07	12218326
309.4	591219.8	-70.0964	34.81372	6020443	-1.7E+07	12217191
309.6	591684.3	-70.089	34.80917	6023051	-1.7E+07	12216055
309.8	592148	-70.0816	34.80461	6025658	-1.7E+07	12214919
310	592610.9	-70.0742	34.80005	6028265	-1.7E+07	12213782
310.2	593073	-70.0669	34.79549	6030871	-1.7E+07	12212644
310.4	593534.3	-70.0595	34.79093	6033477	-1.7E+07	12211506
310.6	593994.9	-70.0521	34.78637	6036083	-1.7E+07	12210366
310.8	594454.7	-70.0447	34.78181	6038688	-1.7E+07	12209226
311	594913.7	-70.0373	34.77725	6041293	-1.7E+07	12208086
311.2	595371.9	-70.0299	34.77268	6043898	-1.7E+07	12206945
311.4	595829.3	-70.0225	34.76812	6046502	-1.7E+07	12205803
311.6	596285.9	-70.0152	34.76356	6049106	-1.7E+07	12204660
311.8	596741.8	-70.0078	34.759	6051710	-1.7E+07	12203517
312	597196.9	-70.0004	34.75443	6054313	-1.7E+07	12202373
312.2	597651.2	-69.993	34.74987	6056916	-1.7E+07	12201228
312.4	598104.7	-69.9856	34.74531	6059519	-1.7E+07	12200082
312.6	598557.4	-69.9783	34.74074	6062121	-1.7E+07	12198936
312.8	599009.4	-69.9709	34.73618	6064723	-1.7E+07	12197789
313	599460.5	-69.9635	34.73161	6067324	-1.7E+07	12196642
313.2	599910.9	-69.9561	34.72705	6069925	-1.7E+07	12195494
313.4	600360.5	-69.9488	34.72248	6072526	-1.7E+07	12194345
313.6	600809.3	-69.9414	34.71792	6075127	-1.7E+07	12193195
313.8	601257.3	-69.934	34.71335	6077727	-1.7E+07	12192045
314	601704.6	-69.9267	34.70879	6080326	-1.7E+07	12190894
314.2	602151	-69.9193	34.70422	6082926	-1.7E+07	12189742
314.4	602596.7	-69.9119	34.69965	6085525	-1.7E+07	12188590
314.6	603041.6	-69.9046	34.69508	6088123	-1.7E+07	12187437
314.8	603485.7	-69.8972	34.69052	6090722	-1.7E+07	12186283
315	603929.1	-69.8899	34.68595	6093320	-1.7E+07	12185129
315.2	604371.6	-69.8825	34.68138	6095917	-1.7E+07	12183974
315.4	604813.4	-69.8751	34.67681	6098514	-1.7E+07	12182818
315.6	605254.4	-69.8678	34.67224	6101111	-1.7E+07	12181661
315.8	605694.6	-69.8604	34.66767	6103708	-1.7E+07	12180504
316	606134	-69.8531	34.6631	6106304	-1.7E+07	12179346
316.2	606572.6	-69.8457	34.65853	6108900	-1.7E+07	12178188
316.4	607010.5	-69.8384	34.65396	6111495	-1.7E+07	12177028
316.6	607447.6	-69.831	34.64939	6114090	-1.7E+07	12175869
316.8	607883.8	-69.8237	34.64482	6116685	-1.7E+07	12174708
317	608319.4	-69.8163	34.64024	6119279	-1.7E+07	12173547
317.2	608754.1	-69.809	34.63567	6121873	-1.7E+07	12172385
317.4	609188	-69.8016	34.6311	6124467	-1.7E+07	12171222
317.6	609621.2	-69.7943	34.62653	6127060	-1.7E+07	12170058

317.8	610053.6	-69.7869	34.62195	6129653	-1.7E+07	12168894
318	610485.1	-69.7796	34.61738	6132245	-1.7E+07	12167730
318.2	610916	-69.7722	34.61281	6134838	-1.7E+07	12166564
318.4	611346	-69.7649	34.60823	6137429	-1.7E+07	12165398
318.6	611775.2	-69.7576	34.60366	6140021	-1.7E+07	12164231
318.8	612203.7	-69.7502	34.59908	6142612	-1.7E+07	12163063
319	612631.4	-69.7429	34.59451	6145203	-1.7E+07	12161895
319.2	613058.3	-69.7356	34.58993	6147793	-1.7E+07	12160726
319.4	613484.4	-69.7282	34.58535	6150383	-1.7E+07	12159557
319.6	613909.7	-69.7209	34.58078	6152973	-1.7E+07	12158386
319.8	614334.3	-69.7136	34.5762	6155562	-1.7E+07	12157215
320	614758.1	-69.7062	34.57162	6158151	-1.7E+07	12156044
320.2	615181	-69.6989	34.56705	6160740	-1.7E+07	12154871
320.4	615603.3	-69.6916	34.56247	6163328	-1.7E+07	12153698
320.6	616024.7	-69.6843	34.55789	6165916	-1.7E+07	12152525
320.8	616445.3	-69.6769	34.55331	6168503	-1.7E+07	12151350
321	616865.2	-69.6696	34.54873	6171091	-1.7E+07	12150175
321.2	617284.3	-69.6623	34.54415	6173677	-1.7E+07	12148999
321.4	617702.6	-69.655	34.53957	6176264	-1.7E+07	12147823
321.6	618120.1	-69.6476	34.53499	6178850	-1.7E+07	12146646
321.8	618536.8	-69.6403	34.53041	6181436	-1.7E+07	12145468
322	618952.7	-69.633	34.52583	6184021	-1.7E+07	12144289
322.2	619367.9	-69.6257	34.52125	6186606	-1.7E+07	12143110
322.4	619782.3	-69.6184	34.51667	6189191	-1.7E+07	12141930
322.6	620195.9	-69.6111	34.51208	6191775	-1.7E+07	12140749
322.8	620608.7	-69.6037	34.5075	6194359	-1.7E+07	12139568
323	621020.8	-69.5964	34.50292	6196942	-1.7E+07	12138386
323.2	621432	-69.5891	34.49834	6199526	-1.7E+07	12137203
323.4	621842.5	-69.5818	34.49375	6202108	-1.7E+07	12136020
323.6	622252.2	-69.5745	34.48917	6204691	-1.7E+07	12134836
323.8	622661.1	-69.5672	34.48458	6207273	-1.7E+07	12133651
324	623069.2	-69.5599	34.48	6209855	-1.7E+07	12132466
324.2	623476.6	-69.5526	34.47541	6212436	-1.7E+07	12131280
324.3867	623856.1	-69.5458	34.47113	6214845	-1.7E+07	12130172
324.4	623883.2	-69.5453	34.47083	6215017	-1.7E+07	12130093
324.4667	624018.1	-69.5428	34.4693	6215877	-1.7E+07	12129697
324.6	624288.6	-69.538	34.46624	6217597	-1.7E+07	12128906
324.8	624693.6	-69.5307	34.46166	6220178	-1.7E+07	12127717
325	625097.8	-69.5234	34.45707	6222758	-1.7E+07	12126529
325.2	625501.3	-69.5161	34.45248	6225337	-1.7E+07	12125339
325.4	625903.9	-69.5088	34.4479	6227916	-1.7E+07	12124149
325.6	626305.8	-69.5015	34.44331	6230495	-1.7E+07	12122958
325.8	626707	-69.4942	34.43872	6233074	-1.7E+07	12121766
326	627107.3	-69.4869	34.43413	6235652	-1.7E+07	12120574
326.2	627506.9	-69.4796	34.42954	6238230	-1.7E+07	12119381
326.4	627905.6	-69.4723	34.42496	6240807	-1.7E+07	12118187
326.6	628303.6	-69.465	34.42037	6243384	-1.7E+07	12116993

326.8	628700.8	-69.4577	34.41578	6245961	-1.7E+07	12115798
327	629097.3	-69.4504	34.41119	6248537	-1.7E+07	12114602
327.2	629492.9	-69.4432	34.4066	6251113	-1.7E+07	12113406
327.4	629887.8	-69.4359	34.402	6253689	-1.7E+07	12112209
327.6	630281.9	-69.4286	34.39741	6256264	-1.7E+07	12111011
327.8	630675.2	-69.4213	34.39282	6258839	-1.7E+07	12109813
328	631067.7	-69.414	34.38823	6261414	-1.7E+07	12108613
328.2	631459.4	-69.4067	34.38364	6263988	-1.7E+07	12107414
328.4	631850.4	-69.3995	34.37904	6266561	-1.7E+07	12106213
328.6	632240.6	-69.3922	34.37445	6269135	-1.7E+07	12105012
328.8	632630	-69.3849	34.36986	6271708	-1.7E+07	12103810
329	633018.6	-69.3776	34.36526	6274281	-1.7E+07	12102608
329.2	633406.4	-69.3704	34.36067	6276853	-1.7E+07	12101404
329.3867	633767.9	-69.3636	34.35638	6279254	-1.7E+07	12100281
329.4	633793.7	-69.3631	34.35607	6279425	-1.7E+07	12100200
329.6	634180	-69.3558	34.35148	6281997	-1.7E+07	12098996
329.8	634565.5	-69.3485	34.34688	6284568	-1.7E+07	12097790
330	634950.2	-69.3413	34.34229	6287139	-1.7E+07	12096585
330.2	635334.2	-69.334	34.33769	6289710	-1.7E+07	12095378
330.4	635717.4	-69.3267	34.3331	6292280	-1.7E+07	12094171
330.6	636099.8	-69.3195	34.3285	6294850	-1.7E+07	12092963
330.8	636481.4	-69.3122	34.3239	6297419	-1.7E+07	12091754
331	636862.3	-69.3049	34.3193	6299988	-1.7E+07	12090544
331.2	637242.3	-69.2977	34.31471	6302557	-1.7E+07	12089334
331.4	637621.6	-69.2904	34.31011	6305125	-1.7E+07	12088124
331.6	638000.1	-69.2831	34.30551	6307693	-1.7E+07	12086912
331.8	638377.8	-69.2759	34.30091	6310261	-1.7E+07	12085700
332	638754.7	-69.2686	34.29631	6312828	-1.7E+07	12084487
332.2	639130.9	-69.2614	34.29171	6315395	-1.7E+07	12083274
332.4	639506.3	-69.2541	34.28711	6317962	-1.7E+07	12082060
332.6	639880.9	-69.2469	34.28251	6320528	-1.7E+07	12080845
332.8	640254.7	-69.2396	34.27791	6323094	-1.7E+07	12079629
333	640627.7	-69.2323	34.27331	6325659	-1.7E+07	12078413
333.2	640999.9	-69.2251	34.2687	6328224	-1.7E+07	12077196
333.3867	641346.7	-69.2183	34.26441	6330618	-1.7E+07	12076060
333.4	641371.4	-69.2178	34.2641	6330789	-1.7E+07	12075979
333.6	641742.2	-69.2106	34.2595	6333353	-1.7E+07	12074760
333.8	642113	-69.2033	34.25489	6335918	-1.7E+07	12073541
334	642483.7	-69.1961	34.25029	6338484	-1.7E+07	12072321
334.2	642854.4	-69.1888	34.24568	6341049	-1.7E+07	12071101
334.4	643225	-69.1816	34.24107	6343616	-1.7E+07	12069879
334.6	643595.6	-69.1743	34.23646	6346183	-1.7E+07	12068657
334.8	643966.2	-69.1671	34.23184	6348750	-1.7E+07	12067434
335	644336.6	-69.1598	34.22722	6351317	-1.7E+07	12066210
335.2	644707	-69.1526	34.2226	6353886	-1.7E+07	12064986
335.4	645077.3	-69.1453	34.21798	6356454	-1.7E+07	12063761
335.6	645447.6	-69.1381	34.21336	6359023	-1.7E+07	12062534

335.8	645817.8	-69.1308	34.20873	6361593	-1.7E+07	12061307
336	646187.9	-69.1236	34.20411	6364163	-1.7E+07	12060079
336.2	646558	-69.1163	34.19948	6366734	-1.7E+07	12058851
336.4	646928	-69.109	34.19485	6369305	-1.7E+07	12057621
336.6	647297.9	-69.1018	34.19021	6371877	-1.7E+07	12056391
336.8	647667.7	-69.0945	34.18557	6374449	-1.7E+07	12055159
337	648037.5	-69.0873	34.18094	6377022	-1.7E+07	12053927
337.2	648407.3	-69.08	34.1763	6379596	-1.7E+07	12052694
337.4	648777	-69.0727	34.17165	6382170	-1.7E+07	12051461
337.6	649146.7	-69.0655	34.16701	6384744	-1.7E+07	12050226
337.8	649516.4	-69.0582	34.16236	6387319	-1.7E+07	12048990
338	649886	-69.051	34.15771	6389895	-1.7E+07	12047754
338.2	650255.6	-69.0437	34.15306	6392471	-1.7E+07	12046517
338.4	650625.2	-69.0364	34.1484	6395048	-1.7E+07	12045278
338.6	650994.8	-69.0292	34.14374	6397626	-1.7E+07	12044039
338.8	651364.4	-69.0219	34.13908	6400204	-1.7E+07	12042800
339	651734	-69.0146	34.13442	6402782	-1.7E+07	12041559
339.2	652103.6	-69.0073	34.12976	6405362	-1.7E+07	12040317
339.4	652473.2	-69.0001	34.12509	6407942	-1.7E+07	12039075
339.6	652842.8	-68.9928	34.12042	6410522	-1.7E+07	12037831
339.8	653212.5	-68.9855	34.11575	6413104	-1.7E+07	12036587
340	653582.1	-68.9783	34.11108	6415685	-1.7E+07	12035342
340.2	653951.8	-68.971	34.1064	6418268	-1.7E+07	12034096
340.4	654321.5	-68.9637	34.10172	6420851	-1.7E+07	12032849
340.6	654691.2	-68.9564	34.09704	6423435	-1.7E+07	12031601
340.8	655061	-68.9492	34.09236	6426019	-1.7E+07	12030352
341	655430.8	-68.9419	34.08767	6428604	-1.7E+07	12029103
341.2	655800.7	-68.9346	34.08298	6431190	-1.7E+07	12027852
341.4	656170.6	-68.9273	34.07829	6433777	-1.7E+07	12026601
341.6	656540.5	-68.92	34.07359	6436364	-1.7E+07	12025349
341.8	656910.6	-68.9128	34.0689	6438952	-1.7E+07	12024096
342	657280.7	-68.9055	34.0642	6441541	-1.7E+07	12022841
342.2	657650.8	-68.8982	34.0595	6444130	-1.7E+07	12021586
342.4	658021.1	-68.8909	34.05479	6446720	-1.7E+07	12020331
342.6	658391.4	-68.8836	34.05008	6449311	-1.7E+07	12019074
342.8	658761.8	-68.8763	34.04537	6451903	-1.7E+07	12017816
343	659132.3	-68.869	34.04066	6454495	-1.7E+07	12016557
343.2	659502.9	-68.8617	34.03594	6457088	-1.7E+07	12015298
343.4	659873.6	-68.8545	34.03123	6459682	-1.7E+07	12014037
343.6	660244.4	-68.8472	34.0265	6462276	-1.7E+07	12012776
343.8	660615.3	-68.8399	34.02178	6464872	-1.7E+07	12011513
344	660986.4	-68.8326	34.01705	6467468	-1.7E+07	12010250
344.2	661357.5	-68.8253	34.01232	6470065	-1.7E+07	12008986
344.4	661728.8	-68.818	34.00759	6472663	-1.7E+07	12007720
344.6	662100.2	-68.8107	34.00286	6475262	-1.7E+07	12006454
344.8	662471.8	-68.8034	33.99812	6477861	-1.7E+07	12005187
345	662843.4	-68.7961	33.99338	6480461	-1.7E+07	12003919

345.2	663215.3	-68.7888	33.98863	6483063	-1.7E+07	12002650
345.4	663587.3	-68.7815	33.98389	6485665	-1.7E+07	12001380
345.6	663959.4	-68.7742	33.97914	6488267	-1.7E+07	12000109
345.8	664331.7	-68.7668	33.97438	6490871	-1.7E+07	11998837
346	664704.2	-68.7595	33.96963	6493476	-1.7E+07	11997564
346.2	665076.9	-68.7522	33.96487	6496081	-1.7E+07	11996290
346.4	665449.7	-68.7449	33.96011	6498688	-1.7E+07	11995016
346.6	665822.7	-68.7376	33.95534	6501295	-1.7E+07	11993740
346.8	666195.9	-68.7303	33.95058	6503903	-1.7E+07	11992463
347	666569.3	-68.723	33.9458	6506512	-1.7E+07	11991185
347.2	666942.9	-68.7157	33.94103	6509122	-1.7E+07	11989906
347.4	667316.7	-68.7083	33.93625	6511733	-1.7E+07	11988627
347.6	667690.8	-68.701	33.93147	6514345	-1.7E+07	11987346
347.8	668065	-68.6937	33.92669	6516958	-1.7E+07	11986064
348	668439.5	-68.6864	33.9219	6519572	-1.7E+07	11984781
348.2	668814.1	-68.679	33.91711	6522187	-1.7E+07	11983498
348.4	669189.1	-68.6717	33.91232	6524803	-1.7E+07	11982213
348.6	669564.2	-68.6644	33.90752	6527420	-1.7E+07	11980927
348.8	669939.6	-68.657	33.90272	6530037	-1.7E+07	11979640
349	670315.3	-68.6497	33.89792	6532656	-1.7E+07	11978352
349.2	670691.2	-68.6424	33.89311	6535276	-1.7E+07	11977063
349.4	671067.4	-68.635	33.8883	6537897	-1.7E+07	11975773
349.6	671443.8	-68.6277	33.88349	6540519	-1.7E+07	11974482
349.8	671820.5	-68.6204	33.87868	6543142	-1.7E+07	11973190
350	672197.4	-68.613	33.87386	6545766	-1.7E+07	11971897
350.2	672574.7	-68.6057	33.86903	6548391	-1.7E+07	11970603
350.4	672952.1	-68.5983	33.86421	6551017	-1.7E+07	11969308
350.6	673329.8	-68.591	33.85938	6553644	-1.7E+07	11968012
350.8	673707.8	-68.5836	33.85454	6556272	-1.7E+07	11966715
351	674086	-68.5763	33.84971	6558902	-1.7E+07	11965417
351.2	674464.5	-68.5689	33.84487	6561532	-1.7E+07	11964117
351.4	674843.3	-68.5616	33.84002	6564163	-1.7E+07	11962817
351.6	675222.3	-68.5542	33.83518	6566796	-1.7E+07	11961515
351.8	675601.6	-68.5468	33.83033	6569429	-1.7E+07	11960213
352	675981.1	-68.5395	33.82547	6572063	-1.7E+07	11958909
352.2	676360.9	-68.5321	33.82061	6574699	-1.7E+07	11957605
352.4	676741	-68.5248	33.81575	6577336	-1.7E+07	11956299
352.6	677121.4	-68.5174	33.81089	6579973	-1.7E+07	11954992
352.8	677502	-68.51	33.80602	6582612	-1.7E+07	11953684
353	677882.9	-68.5027	33.80115	6585252	-1.7E+07	11952375
353.2	678264.1	-68.4953	33.79628	6587893	-1.7E+07	11951065
353.4	678645.5	-68.4879	33.7914	6590535	-1.7E+07	11949754
353.6	679027.3	-68.4805	33.78652	6593178	-1.7E+07	11948442
353.8	679409.3	-68.4732	33.78163	6595822	-1.7E+07	11947129
354	679791.5	-68.4658	33.77674	6598468	-1.7E+07	11945815
354.2	680174.1	-68.4584	33.77185	6601114	-1.7E+07	11944499
354.4	680556.9	-68.451	33.76695	6603762	-1.7E+07	11943183

354.6	680940	-68.4436	33.76206	6606410	-1.7E+07	11941865
354.8	681323.4	-68.4362	33.75715	6609060	-1.7E+07	11940546
355	681707.1	-68.4288	33.75225	6611711	-1.7E+07	11939226
355.2	682091	-68.4214	33.74734	6614363	-1.7E+07	11937905
355.4	682475.2	-68.4141	33.74242	6617016	-1.7E+07	11936583
355.6	682859.7	-68.4067	33.73751	6619670	-1.7E+07	11935260
355.8	683244.4	-68.3993	33.73258	6622325	-1.7E+07	11933936
356	683629.5	-68.3919	33.72766	6624982	-1.7E+07	11932611
356.2	684014.8	-68.3845	33.72273	6627639	-1.7E+07	11931284
356.4	684400.4	-68.3771	33.7178	6630298	-1.7E+07	11929957
356.6	684786.2	-68.3697	33.71287	6632958	-1.7E+07	11928628
356.8	685172.4	-68.3622	33.70793	6635619	-1.7E+07	11927298
357	685558.8	-68.3548	33.70298	6638281	-1.7E+07	11925967
357.2	685945.5	-68.3474	33.69804	6640944	-1.7E+07	11924635
357.4	686332.5	-68.34	33.69309	6643608	-1.7E+07	11923302
357.6	686719.8	-68.3326	33.68813	6646274	-1.7E+07	11921967
357.8	687107.4	-68.3252	33.68318	6648940	-1.7E+07	11920632
358	687495.2	-68.3178	33.67822	6651608	-1.7E+07	11919295
358.2	687883.3	-68.3103	33.67325	6654277	-1.7E+07	11917957
358.4	688271.8	-68.3029	33.66828	6656947	-1.7E+07	11916618
358.6	688660.5	-68.2955	33.66331	6659618	-1.7E+07	11915278
358.8	689049.5	-68.2881	33.65834	6662291	-1.7E+07	11913937
359	689438.8	-68.2806	33.65336	6664964	-1.7E+07	11912594
359.2	689828.4	-68.2732	33.64837	6667639	-1.7E+07	11911251
359.4	690218.3	-68.2658	33.64339	6670315	-1.7E+07	11909906
359.6	690608.5	-68.2583	33.63839	6672993	-1.7E+07	11908560
359.8	690999.1	-68.2509	33.6334	6675671	-1.7E+07	11907213
360	691389.9	-68.2434	33.6284	6678351	-1.7E+07	11905865
360.2	691781	-68.236	33.6234	6681031	-1.7E+07	11904515
360.4	692172.4	-68.2285	33.61839	6683714	-1.7E+07	11903164
360.6	692564.1	-68.2211	33.61338	6686397	-1.7E+07	11901813
360.8	692956.2	-68.2137	33.60837	6689081	-1.7E+07	11900459
361	693348.5	-68.2062	33.60335	6691767	-1.7E+07	11899105
361.2	693741.2	-68.1987	33.59833	6694454	-1.7E+07	11897750
361.4	694134.2	-68.1913	33.5933	6697142	-1.7E+07	11896393
361.6	694527.5	-68.1838	33.58827	6699832	-1.7E+07	11895035
361.8	694921.1	-68.1764	33.58324	6702523	-1.7E+07	11893676
362	695315	-68.1689	33.5782	6705215	-1.7E+07	11892316
362.2	695709.3	-68.1614	33.57316	6707908	-1.7E+07	11890954
362.4	696103.8	-68.154	33.56811	6710602	-1.7E+07	11889591
362.6	696498.7	-68.1465	33.56306	6713298	-1.7E+07	11888227
362.8	696894	-68.139	33.55801	6715995	-1.7E+07	11886862
363	697289.5	-68.1315	33.55295	6718694	-1.7E+07	11885496
363.2	697685.4	-68.1241	33.54789	6721393	-1.7E+07	11884128
363.4	698081.6	-68.1166	33.54282	6724094	-1.7E+07	11882759
363.6	698478.1	-68.1091	33.53775	6726797	-1.7E+07	11881389
363.8	698875	-68.1016	33.53268	6729500	-1.7E+07	11880017

364	699272.2	-68.0941	33.5276	6732205	-1.7E+07	11878645
364.2	699669.7	-68.0866	33.52252	6734911	-1.7E+07	11877271
364.4	700067.6	-68.0792	33.51743	6737619	-1.7E+07	11875895
364.6	700465.8	-68.0717	33.51234	6740328	-1.7E+07	11874519
364.8	700864.3	-68.0642	33.50724	6743038	-1.7E+07	11873141
365	701263.2	-68.0567	33.50214	6745750	-1.7E+07	11871762
365.2	701662.5	-68.0492	33.49704	6748462	-1.7E+07	11870381
365.4	702062	-68.0417	33.49193	6751177	-1.7E+07	11869000
365.6	702462	-68.0341	33.48682	6753892	-1.7E+07	11867617
365.8	702862.2	-68.0266	33.4817	6756609	-1.7E+07	11866232
366	703262.8	-68.0191	33.47658	6759328	-1.7E+07	11864847
366.2	703663.8	-68.0116	33.47146	6762048	-1.7E+07	11863460
366.4	704065.1	-68.0041	33.46633	6764769	-1.7E+07	11862072
366.6	704466.8	-67.9966	33.4612	6767491	-1.7E+07	11860682
366.8	704868.8	-67.989	33.45606	6770215	-1.7E+07	11859292
367	705271.2	-67.9815	33.45092	6772940	-1.7E+07	11857899
367.2	705673.9	-67.974	33.44577	6775667	-1.7E+07	11856506
367.4	706077	-67.9665	33.44062	6778395	-1.7E+07	11855111
367.6	706480.5	-67.9589	33.43546	6781125	-1.7E+07	11853715
367.8	706884.3	-67.9514	33.4303	6783856	-1.7E+07	11852317
368	707288.5	-67.9439	33.42514	6786588	-1.7E+07	11850918
368.2	707693	-67.9363	33.41997	6789322	-1.7E+07	11849518
368.4	708097.9	-67.9288	33.4148	6792058	-1.7E+07	11848117
368.6	708503.2	-67.9212	33.40962	6794794	-1.7E+07	11846714
368.8	708908.8	-67.9137	33.40444	6797533	-1.7E+07	11845309
369	709314.8	-67.9061	33.39925	6800272	-1.7E+07	11843904
369.2	709721.2	-67.8986	33.39406	6803013	-1.7E+07	11842497
369.4	710128	-67.891	33.38886	6805756	-1.7E+07	11841088
369.6	710535.1	-67.8834	33.38366	6808500	-1.7E+07	11839678
369.8	710942.6	-67.8759	33.37846	6811246	-1.7E+07	11838267
370	711350.4	-67.8683	33.37325	6813993	-1.7E+07	11836855
370.2	711758.7	-67.8607	33.36804	6816741	-1.7E+07	11835440
370.4	712167.3	-67.8532	33.36282	6819491	-1.7E+07	11834025
370.6	712576.3	-67.8456	33.35759	6822243	-1.7E+07	11832608
370.8	712985.6	-67.838	33.35237	6824996	-1.7E+07	11831190
371	713395.4	-67.8304	33.34713	6827751	-1.7E+07	11829770
371.2	713805.5	-67.8229	33.34189	6830507	-1.7E+07	11828349
371.4	714216	-67.8153	33.33665	6833265	-1.7E+07	11826926
371.6	714626.9	-67.8077	33.33141	6836024	-1.7E+07	11825502
371.8	715038.2	-67.8001	33.32615	6838785	-1.7E+07	11824077
372	715449.9	-67.7925	33.3209	6841547	-1.7E+07	11822650
372.2	715861.9	-67.7849	33.31564	6844311	-1.7E+07	11821222
372.4	716274.4	-67.7773	33.31037	6847077	-1.7E+07	11819792
372.6	716687.2	-67.7697	33.3051	6849844	-1.7E+07	11818361
372.8	717100.4	-67.7621	33.29982	6852612	-1.7E+07	11816928
373	717514	-67.7545	33.29454	6855383	-1.7E+07	11815493
373.2	717928	-67.7468	33.28926	6858154	-1.7E+07	11814058



373.4	718342.4	-67.7392	33.28397	6860928	-1.7E+07	11812621
373.6	718757.2	-67.7316	33.27867	6863703	-1.7E+07	11811182
373.8	719172.4	-67.724	33.27337	6866479	-1.7E+07	11809742
374	719587.9	-67.7164	33.26807	6869258	-1.7E+07	11808300
374.2	720003.9	-67.7087	33.26276	6872038	-1.7E+07	11806857
374.4	720420.3	-67.7011	33.25744	6874819	-1.7E+07	11805412
374.6	720837	-67.6935	33.25212	6877602	-1.7E+07	11803966
374.8	721254.2	-67.6858	33.24679	6880387	-1.7E+07	11802518
375	721671.7	-67.6782	33.24146	6883174	-1.7E+07	11801068
375.2	722089.7	-67.6705	33.23613	6885962	-1.7E+07	11799617
375.4	722508	-67.6629	33.23079	6888752	-1.7E+07	11798165
375.6	722926.8	-67.6552	33.22544	6891543	-1.7E+07	11796711
375.8	723345.9	-67.6476	33.22009	6894336	-1.7E+07	11795255
376	723765.5	-67.6399	33.21474	6897131	-1.7E+07	11793798
376.2	724185.4	-67.6323	33.20938	6899927	-1.7E+07	11792340
376.4	724605.8	-67.6246	33.20401	6902726	-1.7E+07	11790879
376.6	725026.5	-67.6169	33.19864	6905525	-1.7E+07	11789418
376.8	725447.7	-67.6093	33.19326	6908327	-1.7E+07	11787954
377	725869.2	-67.6016	33.18788	6911130	-1.7E+07	11786489
377.2	726291.2	-67.5939	33.18249	6913935	-1.7E+07	11785022
377.4	726713.6	-67.5862	33.1771	6916742	-1.7E+07	11783554
377.6	727136.3	-67.5785	33.1717	6919551	-1.7E+07	11782084
377.8	727559.5	-67.5708	33.1663	6922361	-1.7E+07	11780613
378	727983.1	-67.5632	33.16089	6925173	-1.7E+07	11779140
378.2	728407.1	-67.5555	33.15548	6927987	-1.7E+07	11777665
378.4	728831.5	-67.5478	33.15006	6930802	-1.7E+07	11776189
378.6	729256.3	-67.5401	33.14464	6933619	-1.7E+07	11774711
378.8	729681.5	-67.5323	33.13921	6936439	-1.7E+07	11773231
379	730107.1	-67.5246	33.13377	6939259	-1.7E+07	11771750
379.2	730533.2	-67.5169	33.12833	6942082	-1.7E+07	11770267
379.4	730959.6	-67.5092	33.12289	6944906	-1.7E+07	11768782
379.6	731386.4	-67.5015	33.11744	6947733	-1.7E+07	11767296
379.8	731813.7	-67.4938	33.11198	6950561	-1.7E+07	11765808
380	732241.3	-67.486	33.10652	6953390	-1.7E+07	11764318
380.2	732669.4	-67.4783	33.10105	6956222	-1.7E+07	11762827
380.4	733097.9	-67.4706	33.09558	6959055	-1.7E+07	11761334
380.6	733526.7	-67.4628	33.0901	6961891	-1.7E+07	11759839
380.8	733956	-67.4551	33.08461	6964728	-1.7E+07	11758343
381	734385.7	-67.4473	33.07912	6967567	-1.7E+07	11756844
381.2	734815.8	-67.4396	33.07363	6970408	-1.7E+07	11755345
381.4	735246.3	-67.4318	33.06812	6973250	-1.7E+07	11753843
381.6	735677.2	-67.4241	33.06262	6976095	-1.7E+07	11752339
381.8	736108.5	-67.4163	33.05711	6978941	-1.7E+07	11750834
382	736540.2	-67.4086	33.05159	6981789	-1.7E+07	11749327
382.2	736972.4	-67.4008	33.04606	6984640	-1.7E+07	11747819
382.4	737404.9	-67.393	33.04053	6987492	-1.7E+07	11746308
382.6	737837.8	-67.3853	33.035	6990346	-1.7E+07	11744796

382.8	738271.2	-67.3775	33.02946	6993201	-1.7E+07	11743282
383	738704.9	-67.3697	33.02391	6996059	-1.7E+07	11741766
383.2	739139.1	-67.3619	33.01836	6998919	-1.7E+07	11740249
383.4	739573.6	-67.3541	33.0128	7001780	-1.7E+07	11738730
383.6	740008.6	-67.3463	33.00723	7004644	-1.7E+07	11737208
383.8	740443.9	-67.3385	33.00166	7007509	-1.7E+07	11735685
384	740879.7	-67.3307	32.99609	7010376	-1.7E+07	11734161
384.2	741315.8	-67.3229	32.99051	7013246	-1.7E+07	11732634
384.4	741752.4	-67.3151	32.98492	7016117	-1.7E+07	11731106
384.6	742189.3	-67.3073	32.97932	7018990	-1.7E+07	11729575
384.8	742626.7	-67.2995	32.97372	7021865	-1.7E+07	11728043
385	743064.4	-67.2916	32.96812	7024742	-1.7E+07	11726509
385.2	743502.5	-67.2838	32.96251	7027621	-1.7E+07	11724973
385.4	743941.1	-67.276	32.95689	7030502	-1.7E+07	11723436
385.6	744380	-67.2682	32.95126	7033385	-1.7E+07	11721896
385.8	744819.3	-67.2603	32.94563	7036270	-1.7E+07	11720355
386	745259	-67.2525	32.94	7039157	-1.7E+07	11718811
386.2	745699.1	-67.2446	32.93436	7042046	-1.7E+07	11717266
386.4	746139.6	-67.2368	32.92871	7044937	-1.7E+07	11715719
386.6	746580.5	-67.2289	32.92305	7047830	-1.7E+07	11714170
386.8	747021.7	-67.2211	32.91739	7050725	-1.7E+07	11712619
387	747463.4	-67.2132	32.91173	7053622	-1.7E+07	11711066
387.2	747905.4	-67.2053	32.90605	7056522	-1.7E+07	11709511
387.4	748347.8	-67.1975	32.90038	7059423	-1.7E+07	11707954
387.6	748790.6	-67.1896	32.89469	7062326	-1.7E+07	11706396
387.8	749233.8	-67.1817	32.889	7065231	-1.7E+07	11704835
388	749677.3	-67.1738	32.8833	7068138	-1.7E+07	11703272
388.2	750121.3	-67.1659	32.8776	7071047	-1.7E+07	11701708
388.4	750565.6	-67.1581	32.87189	7073959	-1.7E+07	11700141
388.6	751010.3	-67.1502	32.86617	7076872	-1.7E+07	11698573
388.8	751455.3	-67.1423	32.86045	7079788	-1.7E+07	11697002
389	751900.7	-67.1344	32.85472	7082705	-1.7E+07	11695430
389.2	752346.5	-67.1264	32.84898	7085625	-1.7E+07	11693855
389.4	752792.7	-67.1185	32.84324	7088547	-1.7E+07	11692279
389.6	753239.2	-67.1106	32.83749	7091470	-1.7E+07	11690700
389.8	753686.1	-67.1027	32.83174	7094396	-1.7E+07	11689120
390	754133.3	-67.0948	32.82598	7097324	-1.7E+07	11687537
390.2	754580.9	-67.0868	32.82021	7100254	-1.7E+07	11685952
390.4	755028.9	-67.0789	32.81444	7103187	-1.7E+07	11684366
390.6	755477.2	-67.071	32.80866	7106121	-1.7E+07	11682777
390.8	755925.9	-67.063	32.80287	7109057	-1.7E+07	11681186
391	756374.9	-67.0551	32.79708	7111996	-1.7E+07	11679593
391.2	756824.3	-67.0471	32.79128	7114937	-1.7E+07	11677998
391.4	757274.1	-67.0392	32.78547	7117879	-1.7E+07	11676401
391.6	757724.2	-67.0312	32.77966	7120824	-1.7E+07	11674802
391.8	758174.6	-67.0232	32.77384	7123772	-1.7E+07	11673201
392	758625.4	-67.0153	32.76801	7126721	-1.7E+07	11671598

392.2	759076.5	-67.0073	32.76218	7129672	-1.7E+07	11669992
392.4	759528	-66.9993	32.75634	7132626	-1.7E+07	11668385
392.6	759979.8	-66.9913	32.75049	7135582	-1.7E+07	11666775
392.8	760431.9	-66.9833	32.74464	7138540	-1.7E+07	11665163
393	760884.4	-66.9754	32.73878	7141500	-1.7E+07	11663550
393.2	761337.2	-66.9674	32.73291	7144462	-1.7E+07	11661933
393.4	761790.3	-66.9594	32.72704	7147427	-1.7E+07	11660315
393.6	762243.8	-66.9514	32.72116	7150393	-1.7E+07	11658695
393.8	762697.5	-66.9433	32.71528	7153362	-1.7E+07	11657072
394	763151.6	-66.9353	32.70938	7156333	-1.7E+07	11655447
394.2	763606.1	-66.9273	32.70348	7159307	-1.7E+07	11653820
394.4	764060.8	-66.9193	32.69757	7162282	-1.7E+07	11652191
394.6	764515.9	-66.9113	32.69166	7165260	-1.7E+07	11650560
394.8	764971.2	-66.9032	32.68574	7168240	-1.7E+07	11648926
395	765426.9	-66.8952	32.67981	7171222	-1.7E+07	11647291
395.2	765882.9	-66.8871	32.67388	7174207	-1.7E+07	11645652
395.4	766339.2	-66.8791	32.66794	7177194	-1.7E+07	11644012
395.6	766795.8	-66.871	32.66199	7180183	-1.7E+07	11642370
395.8	767252.7	-66.863	32.65603	7183174	-1.7E+07	11640725
396	767709.9	-66.8549	32.65007	7186167	-1.7E+07	11639078
396.2	768167.3	-66.8469	32.6441	7189163	-1.7E+07	11637428
396.4	768625.1	-66.8388	32.63812	7192161	-1.7E+07	11635777
396.6	769083.2	-66.8307	32.63214	7195161	-1.7E+07	11634123
396.8	769541.5	-66.8226	32.62615	7198164	-1.7E+07	11632467
397	770000.2	-66.8145	32.62015	7201169	-1.7E+07	11630808
397.2	770459.1	-66.8065	32.61415	7204176	-1.7E+07	11629147
397.4	770918.3	-66.7984	32.60814	7207186	-1.7E+07	11627484
397.6	771377.8	-66.7903	32.60212	7210197	-1.7E+07	11625819
397.8	771837.5	-66.7822	32.59609	7213211	-1.7E+07	11624151
398	772297.5	-66.774	32.59006	7216228	-1.7E+07	11622481
398.2	772757.8	-66.7659	32.58402	7219247	-1.7E+07	11620808
398.4	773218.3	-66.7578	32.57797	7222268	-1.7E+07	11619133
398.6	773679.1	-66.7497	32.57191	7225291	-1.7E+07	11617456
398.8	774140.2	-66.7416	32.56585	7228317	-1.7E+07	11615776
399	774601.5	-66.7334	32.55978	7231345	-1.7E+07	11614094
399.2	775063	-66.7253	32.5537	7234375	-1.7E+07	11612410
399.4	775524.8	-66.7171	32.54762	7237408	-1.7E+07	11610723
399.6	775986.9	-66.709	32.54153	7240443	-1.7E+07	11609034
399.8	776449.2	-66.7008	32.53543	7243480	-1.7E+07	11607342
400	776911.7	-66.6927	32.52932	7246520	-1.7E+07	11605648
400.2	777374.4	-66.6845	32.52321	7249562	-1.7E+07	11603951
400.4	777837.4	-66.6763	32.51709	7252607	-1.7E+07	11602252
400.6	778300.6	-66.6682	32.51096	7255654	-1.7E+07	11600551
400.8	778764.1	-66.66	32.50482	7258703	-1.7E+07	11598847
401	779227.7	-66.6518	32.49868	7261755	-1.7E+07	11597140
401.2	779691.6	-66.6436	32.49253	7264809	-1.7E+07	11595431
401.4	780155.6	-66.6354	32.48637	7267866	-1.7E+07	11593720

401.6	780619.9	-66.6272	32.4802	7270924	-1.7E+07	11592006
401.8	781084.4	-66.619	32.47403	7273986	-1.7E+07	11590289
402	781549.1	-66.6108	32.46785	7277049	-1.7E+07	11588570
402.2	782013.9	-66.6026	32.46166	7280116	-1.7E+07	11586849
402.4	782479	-66.5944	32.45546	7283184	-1.7E+07	11585125
402.6	782944.3	-66.5861	32.44926	7286255	-1.7E+07	11583398
402.8	783409.7	-66.5779	32.44305	7289328	-1.7E+07	11581669
403	783875.3	-66.5697	32.43683	7292404	-1.7E+07	11579937
403.2	784341.1	-66.5614	32.4306	7295482	-1.7E+07	11578203
403.4	784807	-66.5532	32.42437	7298563	-1.7E+07	11576466
403.6	785273.1	-66.5449	32.41812	7301646	-1.7E+07	11574727
403.8	785739.4	-66.5367	32.41187	7304732	-1.7E+07	11572985
404	786205.9	-66.5284	32.40562	7307820	-1.7E+07	11571240
404.2	786672.4	-66.5201	32.39935	7310910	-1.7E+07	11569493
404.4	787139.2	-66.5119	32.39308	7314003	-1.7E+07	11567743
404.6	787606.1	-66.5036	32.3868	7317099	-1.7E+07	11565990
404.8	788073.1	-66.4953	32.38051	7320196	-1.7E+07	11564235
405	788540.2	-66.487	32.37421	7323297	-1.7E+07	11562477
405.2	789007.5	-66.4787	32.3679	7326399	-1.7E+07	11560717
405.4	789474.9	-66.4704	32.36159	7329505	-1.7E+07	11558953
405.6	789942.4	-66.4621	32.35527	7332612	-1.7E+07	11557188
405.8	790410	-66.4538	32.34894	7335723	-1.7E+07	11555419
406	790877.8	-66.4455	32.34261	7338835	-1.7E+07	11553648
406.2	791345.6	-66.4372	32.33626	7341950	-1.7E+07	11551874
406.4	791813.6	-66.4288	32.32991	7345068	-1.7E+07	11550097
406.6	792281.6	-66.4205	32.32355	7348188	-1.7E+07	11548318
406.8	792749.8	-66.4122	32.31718	7351311	-1.7E+07	11546536
407	793218	-66.4038	32.31081	7354436	-1.7E+07	11544751
407.2	793686.3	-66.3955	32.30442	7357563	-1.7E+07	11542964
407.4	794154.6	-66.3871	32.29803	7360693	-1.7E+07	11541173
407.6	794623.1	-66.3788	32.29163	7363826	-1.7E+07	11539380
407.8	795091.6	-66.3704	32.28522	7366961	-1.7E+07	11537585
408	795560.1	-66.362	32.2788	7370098	-1.7E+07	11535786
408.2	796028.8	-66.3537	32.27238	7373238	-1.7E+07	11533985
408.4	796497.4	-66.3453	32.26595	7376381	-1.7E+07	11532180
408.6	796966.1	-66.3369	32.25951	7379526	-1.7E+07	11530373
408.8	797434.9	-66.3285	32.25306	7382674	-1.7E+07	11528564
409	797903.6	-66.3201	32.2466	7385824	-1.7E+07	11526751
409.2	798372.4	-66.3117	32.24014	7388976	-1.7E+07	11524936
409.4	798841.3	-66.3033	32.23366	7392131	-1.7E+07	11523117
409.6	799310.1	-66.2949	32.22718	7395289	-1.7E+07	11521296
409.8	799778.9	-66.2865	32.22069	7398449	-1.7E+07	11519472
410	800247.8	-66.278	32.21419	7401612	-1.7E+07	11517646
410.2	800716.6	-66.2696	32.20769	7404777	-1.7E+07	11515816
410.4	801185.4	-66.2612	32.20117	7407945	-1.7E+07	11513983
410.6	801654.2	-66.2527	32.19465	7411115	-1.7E+07	11512148
410.8	802123	-66.2443	32.18812	7414288	-1.7E+07	11510310

411	802591.8	-66.2358	32.18158	7417464	-1.7E+07	11508468
411.2	803060.5	-66.2274	32.17503	7420642	-1.7E+07	11506624
411.4	803529.2	-66.2189	32.16848	7423822	-1.7E+07	11504777
411.6	803997.9	-66.2104	32.16191	7427005	-1.7E+07	11502927
411.8	804466.5	-66.202	32.15534	7430191	-1.7E+07	11501074
412	804935	-66.1935	32.14876	7433379	-1.7E+07	11499218
412.2	805403.5	-66.185	32.14217	7436570	-1.7E+07	11497359
412.4	805871.9	-66.1765	32.13557	7439763	-1.7E+07	11495497
412.6	806340.3	-66.168	32.12897	7442959	-1.7E+07	11493632
412.8	806808.5	-66.1595	32.12235	7446157	-1.7E+07	11491764
413	807276.7	-66.151	32.11573	7449359	-1.7E+07	11489893
413.2	807744.7	-66.1425	32.1091	7452562	-1.7E+07	11488019
413.4	808212.7	-66.134	32.10246	7455768	-1.7E+07	11486143
413.6	808680.5	-66.1254	32.09581	7458977	-1.7E+07	11484263
413.8	809148.3	-66.1169	32.08915	7462188	-1.7E+07	11482380
414	809615.9	-66.1084	32.08248	7465402	-1.7E+07	11480493
414.2	810083.4	-66.0998	32.07581	7468619	-1.7E+07	11478604
414.4	810550.8	-66.0913	32.06913	7471838	-1.7E+07	11476712
414.6	811018	-66.0827	32.06244	7475059	-1.7E+07	11474817
414.8	811485.1	-66.0741	32.05574	7478284	-1.7E+07	11472919
415	811952	-66.0656	32.04903	7481510	-1.7E+07	11471017
415.2	812418.7	-66.057	32.04231	7484740	-1.7E+07	11469113
415.4	812885.3	-66.0484	32.03558	7487972	-1.7E+07	11467205
415.6	813351.8	-66.0398	32.02885	7491206	-1.7E+07	11465294
415.8	813818	-66.0312	32.02211	7494443	-1.7E+07	11463381
416	814284.1	-66.0226	32.01535	7497683	-1.7E+07	11461464
416.2	814749.9	-66.014	32.00859	7500925	-1.7E+07	11459544
416.4	815215.6	-66.0054	32.00182	7504170	-1.7E+07	11457620
416.6	815681.1	-65.9968	31.99505	7507418	-1.7E+07	11455694
416.8	816146.3	-65.9882	31.98826	7510668	-1.7E+07	11453764
417	816611.3	-65.9796	31.98146	7513921	-1.7E+07	11451832
417.2	817076.1	-65.9709	31.97466	7517176	-1.7E+07	11449896
417.4	817540.7	-65.9623	31.96785	7520434	-1.7E+07	11447957
417.6	818005	-65.9537	31.96102	7523694	-1.7E+07	11446014
417.8	818469.1	-65.945	31.95419	7526957	-1.7E+07	11444069
418	818932.9	-65.9364	31.94735	7530223	-1.7E+07	11442120
418.2	819396.5	-65.9277	31.9405	7533491	-1.7E+07	11440168
418.4	819859.8	-65.919	31.93365	7536762	-1.7E+07	11438213
418.6	820322.8	-65.9104	31.92678	7540035	-1.7E+07	11436254
418.8	820785.5	-65.9017	31.91991	7543311	-1.7E+07	11434293
419	821247.9	-65.893	31.91302	7546590	-1.7E+07	11432328
419.2	821710.1	-65.8843	31.90613	7549871	-1.7E+07	11430360
419.4	822171.9	-65.8756	31.89923	7553155	-1.7E+07	11428388
419.6	822633.4	-65.8669	31.89232	7556441	-1.7E+07	11426413
419.8	823094.6	-65.8582	31.8854	7559730	-1.7E+07	11424435
420	823555.4	-65.8495	31.87847	7563021	-1.7E+07	11422454
420.2	824015.9	-65.8408	31.87153	7566315	-1.7E+07	11420469

420.4	824476.1	-65.832	31.86459	7569612	-1.7E+07	11418482
420.6	824935.9	-65.8233	31.85763	7572911	-1.7E+07	11416490
420.8	825395.3	-65.8146	31.85067	7576213	-1.7E+07	11414496
421	825854.4	-65.8058	31.8437	7579518	-1.7E+07	11412498
421.2	826313.1	-65.7971	31.83671	7582825	-1.7E+07	11410497
421.4	826771.4	-65.7883	31.82972	7586134	-1.7E+07	11408492
421.6	827229.3	-65.7796	31.82272	7589447	-1.7E+07	11406484
421.8	827686.8	-65.7708	31.81572	7592761	-1.7E+07	11404473
422	828143.9	-65.762	31.8087	7596079	-1.7E+07	11402458
422.2	828600.6	-65.7532	31.80167	7599399	-1.7E+07	11400440
422.4	829056.9	-65.7444	31.79463	7602721	-1.7E+07	11398418
422.6	829512.7	-65.7357	31.78759	7606046	-1.7E+07	11396393
422.8	829968.1	-65.7269	31.78054	7609374	-1.7E+07	11394365
423	830423	-65.7181	31.77347	7612704	-1.7E+07	11392333
423.2	830877.5	-65.7092	31.7664	7616037	-1.7E+07	11390298
423.4	831331.5	-65.7004	31.75932	7619372	-1.7E+07	11388259
423.6	831785	-65.6916	31.75223	7622710	-1.7E+07	11386217
423.8	832238	-65.6828	31.74513	7626051	-1.7E+07	11384172
424	832690.6	-65.6739	31.73802	7629394	-1.7E+07	11382123
424.2	833142.6	-65.6651	31.7309	7632740	-1.7E+07	11380070
424.4	833594.2	-65.6563	31.72378	7636088	-1.7E+07	11378015
424.6	834045.2	-65.6474	31.71664	7639439	-1.7E+07	11375955
424.8	834495.7	-65.6386	31.7095	7642792	-1.7E+07	11373892
425	834945.6	-65.6297	31.70234	7646148	-1.7E+07	11371826
425.2	835395	-65.6208	31.69518	7649506	-1.7E+07	11369756
425.4	835843.9	-65.6119	31.688	7652867	-1.7E+07	11367683
425.6	836292.2	-65.6031	31.68082	7656231	-1.7E+07	11365606
425.8	836739.9	-65.5942	31.67363	7659597	-1.7E+07	11363525
426	837187	-65.5853	31.66643	7662966	-1.7E+07	11361441
426.2	837633.6	-65.5764	31.65922	7666337	-1.7E+07	11359354
426.4	838079.6	-65.5675	31.652	7669711	-1.7E+07	11357262
426.6	838524.9	-65.5586	31.64478	7673087	-1.7E+07	11355168
426.8	838969.7	-65.5497	31.63754	7676466	-1.7E+07	11353069
427	839413.8	-65.5407	31.63029	7679847	-1.7E+07	11350968
427.2	839857.3	-65.5318	31.62304	7683231	-1.7E+07	11348862
427.4	840300.1	-65.5229	31.61577	7686618	-1.7E+07	11346753
427.6	840742.3	-65.5139	31.6085	7690007	-1.7E+07	11344641
427.8	841183.9	-65.505	31.60121	7693398	-1.7E+07	11342524
428	841624.8	-65.496	31.59392	7696792	-1.7E+07	11340405
428.2	842065	-65.4871	31.58662	7700189	-1.7E+07	11338281
428.4	842504.5	-65.4781	31.57931	7703588	-1.7E+07	11336154
428.6	842943.3	-65.4691	31.57199	7706989	-1.7E+07	11334023
428.8	843381.5	-65.4601	31.56466	7710393	-1.7E+07	11331889
429	843818.9	-65.4512	31.55732	7713800	-1.7E+07	11329751
429.2	844255.6	-65.4422	31.54997	7717209	-1.7E+07	11327610
429.4	844691.6	-65.4332	31.54261	7720620	-1.7E+07	11325464
429.6	845126.8	-65.4242	31.53525	7724034	-1.7E+07	11323315

429.8	845561.3	-65.4152	31.52787	7727451	-1.7E+07	11321163
430	845995.1	-65.4062	31.52049	7730870	-1.7E+07	11319007
430.2	846428.1	-65.3971	31.51309	7734291	-1.7E+07	11316847
430.4	846860.3	-65.3881	31.50569	7737715	-1.7E+07	11314683
430.6	847291.8	-65.3791	31.49827	7741141	-1.7E+07	11312516
430.8	847722.5	-65.3701	31.49085	7744570	-1.7E+07	11310345
431	848152.4	-65.361	31.48342	7748002	-1.7E+07	11308170
431.2	848581.5	-65.352	31.47598	7751435	-1.7E+07	11305992
431.4	849009.7	-65.3429	31.46853	7754871	-1.7E+07	11303810
431.6	849437.2	-65.3338	31.46107	7758310	-1.7E+07	11301624
431.8	849863.8	-65.3248	31.4536	7761751	-1.7E+07	11299434
432	850289.6	-65.3157	31.44612	7765194	-1.7E+07	11297241
432.2	850714.6	-65.3066	31.43863	7768640	-1.7E+07	11295044
432.4	851138.7	-65.2975	31.43114	7772089	-1.7E+07	11292844
432.6	851561.9	-65.2885	31.42363	7775539	-1.7E+07	11290639
432.8	851984.2	-65.2794	31.41612	7778992	-1.7E+07	11288431
433	852405.7	-65.2703	31.40859	7782448	-1.7E+07	11286219
433.2	852826.3	-65.2612	31.40106	7785906	-1.7E+07	11284003
433.4	853246	-65.252	31.39351	7789366	-1.7E+07	11281784
433.6	853664.7	-65.2429	31.38596	7792829	-1.7E+07	11279561
433.8	854082.6	-65.2338	31.3784	7796294	-1.7E+07	11277334
434	854499.5	-65.2247	31.37083	7799761	-1.7E+07	11275103
434.2	854915.5	-65.2155	31.36325	7803231	-1.7E+07	11272868
434.4	855330.5	-65.2064	31.35566	7806703	-1.7E+07	11270630
434.6	855744.6	-65.1972	31.34806	7810178	-1.7E+07	11268388
434.8	856157.7	-65.1881	31.34045	7813655	-1.7E+07	11266142
435	856569.9	-65.1789	31.33283	7817134	-1.7E+07	11263892
435.2	856981	-65.1698	31.32521	7820615	-1.7E+07	11261639
435.4	857391.2	-65.1606	31.31757	7824099	-1.7E+07	11259381
435.6	857800.4	-65.1514	31.30992	7827585	-1.7E+07	11257120
435.8	858208.6	-65.1422	31.30227	7831074	-1.7E+07	11254855
436	858615.8	-65.1331	31.2946	7834565	-1.7E+07	11252587
436.2	859021.9	-65.1239	31.28693	7838058	-1.7E+07	11250314
436.4	859427.1	-65.1147	31.27925	7841553	-1.7E+07	11248038
436.6	859831.1	-65.1055	31.27156	7845051	-1.7E+07	11245757
436.8	860234.2	-65.0962	31.26386	7848551	-1.7E+07	11243473
437	860636.2	-65.087	31.25615	7852053	-1.7E+07	11241186
437.2	861037.1	-65.0778	31.24843	7855557	-1.7E+07	11238894
437.4	861437	-65.0686	31.2407	7859064	-1.7E+07	11236599
437.6	861835.8	-65.0594	31.23296	7862573	-1.7E+07	11234299
437.8	862233.5	-65.0501	31.22521	7866084	-1.7E+07	11231996
438	862630.1	-65.0409	31.21746	7869597	-1.7E+07	11229689
438.2	863025.6	-65.0316	31.20969	7873113	-1.7E+07	11227378
438.4	863420	-65.0224	31.20192	7876631	-1.7E+07	11225064
438.6	863813.2	-65.0131	31.19414	7880151	-1.7E+07	11222745
438.8	864205.3	-65.0038	31.18634	7883673	-1.7E+07	11220423
439	864596.3	-64.9946	31.17854	7887197	-1.7E+07	11218097

439.2	864986.2	-64.9853	31.17073	7890724	-1.7E+07	11215767
439.4	865374.9	-64.976	31.16291	7894253	-1.7E+07	11213433
439.6	865762.4	-64.9667	31.15508	7897783	-1.7E+07	11211095
439.8	866148.8	-64.9574	31.14724	7901316	-1.7E+07	11208753
440	866533.9	-64.9481	31.13939	7904852	-1.7E+07	11206408
440.2	866917.9	-64.9388	31.13154	7908389	-1.7E+07	11204059
440.4	867300.7	-64.9295	31.12367	7911929	-1.7E+07	11201705
440.6	867682.3	-64.9202	31.1158	7915470	-1.7E+07	11199348
440.8	868062.7	-64.9109	31.10791	7919014	-1.7E+07	11196987
441	868441.8	-64.9016	31.10002	7922560	-1.7E+07	11194622
441.2	868819.7	-64.8922	31.09212	7926108	-1.7E+07	11192254
441.4	869196.4	-64.8829	31.08421	7929658	-1.7E+07	11189881
441.6	869571.8	-64.8735	31.07629	7933210	-1.7E+07	11187505
441.8	869945.9	-64.8642	31.06836	7936764	-1.7E+07	11185124
442	870318.8	-64.8548	31.06042	7940321	-1.7E+07	11182740
442.2	870690.4	-64.8455	31.05247	7943879	-1.7E+07	11180352
442.4	871060.6	-64.8361	31.04452	7947439	-1.7E+07	11177959
442.6	871429.6	-64.8268	31.03655	7951002	-1.7E+07	11175563
442.8	871797.3	-64.8174	31.02858	7954566	-1.7E+07	11173164
443	872163.7	-64.808	31.02059	7958133	-1.7E+07	11170760
443.2	872528.7	-64.7986	31.0126	7961702	-1.7E+07	11168352
443.4	872892.4	-64.7892	31.0046	7965272	-1.7E+07	11165940
443.6	873254.8	-64.7798	30.99659	7968845	-1.7E+07	11163525
443.8	873615.7	-64.7704	30.98857	7972419	-1.7E+07	11161105
444	873975.4	-64.761	30.98054	7975996	-1.7E+07	11158682
444.2	874333.6	-64.7516	30.9725	7979575	-1.7E+07	11156254
444.4	874690.5	-64.7422	30.96446	7983155	-1.7E+07	11153823
444.6	875046	-64.7328	30.9564	7986738	-1.7E+07	11151388
444.8	875400.1	-64.7234	30.94834	7990322	-1.7E+07	11148949
445	875752.7	-64.7139	30.94026	7993909	-1.7E+07	11146505
445.2	876104	-64.7045	30.93218	7997497	-1.7E+07	11144058
445.4	876453.8	-64.695	30.92409	8001088	-1.7E+07	11141608
445.6	876802.2	-64.6856	30.91599	8004680	-1.7E+07	11139153
445.8	877149.2	-64.6762	30.90788	8008274	-1.7E+07	11136694
446	877494.7	-64.6667	30.89976	8011870	-1.7E+07	11134231
446.2	877838.8	-64.6572	30.89164	8015468	-1.7E+07	11131764
446.4	878181.4	-64.6478	30.8835	8019068	-1.7E+07	11129294
446.6	878522.5	-64.6383	30.87536	8022670	-1.7E+07	11126819
446.8	878862.2	-64.6288	30.8672	8026273	-1.7E+07	11124341
447	879200.3	-64.6193	30.85904	8029878	-1.7E+07	11121858
447.2	879537	-64.6099	30.85087	8033486	-1.7E+07	11119372
447.4	879872.2	-64.6004	30.84269	8037095	-1.7E+07	11116882
447.6	880205.9	-64.5909	30.8345	8040706	-1.7E+07	11114388
447.8	880538.1	-64.5814	30.82631	8044318	-1.7E+07	11111890
448	880868.8	-64.5719	30.8181	8047933	-1.7E+07	11109388
448.2	881197.9	-64.5623	30.80989	8051549	-1.7E+07	11106882
448.4	881525.5	-64.5528	30.80166	8055167	-1.7E+07	11104372



448.6	881851.6	-64.5433	30.79343	8058787	-1.7E+07	11101858
448.8	882176.1	-64.5338	30.78519	8062408	-1.7E+07	11099340
449	882499	-64.5243	30.77694	8066032	-1.7E+07	11096819
449.2	882820.5	-64.5147	30.76869	8069657	-1.7E+07	11094293
449.4	883140.3	-64.5052	30.76042	8073283	-1.7E+07	11091764
449.6	883458.6	-64.4956	30.75214	8076912	-1.7E+07	11089231
449.8	883775.2	-64.4861	30.74386	8080542	-1.7E+07	11086693
450	884090.3	-64.4765	30.73557	8084174	-1.7E+07	11084152
450.2	884403.8	-64.467	30.72727	8087807	-1.7E+07	11081607
450.4	884715.7	-64.4574	30.71896	8091443	-1.7E+07	11079058
450.6	885026	-64.4479	30.71064	8095079	-1.7E+07	11076506
450.8	885334.7	-64.4383	30.70232	8098718	-1.7E+07	11073949
451	885641.7	-64.4287	30.69398	8102358	-1.7E+07	11071388
451.2	885947.1	-64.4191	30.68564	8106000	-1.7E+07	11068824
451.4	886250.9	-64.4095	30.67729	8109643	-1.7E+07	11066256
451.6	886553.1	-64.4	30.66893	8113288	-1.7E+07	11063683
451.8	886853.6	-64.3904	30.66056	8116934	-1.7E+07	11061107
452	887152.4	-64.3808	30.65219	8120582	-1.7E+07	11058527
452.2	887449.6	-64.3712	30.6438	8124232	-1.7E+07	11055943
452.4	887745.1	-64.3616	30.63541	8127883	-1.7E+07	11053355
452.6	888039	-64.3519	30.62701	8131536	-1.7E+07	11050764
452.8	888331.2	-64.3423	30.6186	8135190	-1.7E+07	11048168
453	888621.7	-64.3327	30.61018	8138846	-1.7E+07	11045569
453.2	888910.5	-64.3231	30.60175	8142503	-1.7E+07	11042966
453.4	889197.7	-64.3135	30.59332	8146162	-1.7E+07	11040359
453.6	889483.1	-64.3038	30.58488	8149822	-1.7E+07	11037748
453.8	889766.9	-64.2942	30.57643	8153484	-1.7E+07	11035133
454	890048.9	-64.2845	30.56797	8157147	-1.7E+07	11032514
454.2	890329.3	-64.2749	30.5595	8160812	-1.7E+07	11029892
454.4	890607.9	-64.2653	30.55103	8164478	-1.7E+07	11027266
454.6	890884.8	-64.2556	30.54254	8168146	-1.7E+07	11024635
454.8	891159.9	-64.2459	30.53405	8171814	-1.7E+07	11022002
455	891433.4	-64.2363	30.52555	8175485	-1.7E+07	11019364
455.2	891705.1	-64.2266	30.51705	8179157	-1.7E+07	11016722
455.4	891975	-64.2169	30.50853	8182830	-1.7E+07	11014077
455.6	892243.2	-64.2073	30.50001	8186504	-1.7E+07	11011428
455.8	892509.7	-64.1976	30.49148	8190180	-1.7E+07	11008775
456	892774.4	-64.1879	30.48294	8193857	-1.7E+07	11006118
456.2	893037.3	-64.1782	30.47439	8197535	-1.7E+07	11003457
456.4	893298.5	-64.1685	30.46583	8201215	-1.7E+07	11000793
456.6	893557.9	-64.1588	30.45727	8204896	-1.7E+07	10998125
456.8	893815.5	-64.1491	30.4487	8208579	-1.7E+07	10995453
457	894071.4	-64.1394	30.44012	8212262	-1.7E+07	10992778
457.2	894325.4	-64.1297	30.43154	8215947	-1.7E+07	10990098
457.4	894577.7	-64.12	30.42294	8219633	-1.7E+07	10987415
457.6	894828.2	-64.1103	30.41434	8223321	-1.7E+07	10984728
457.8	895076.9	-64.1006	30.40573	8227009	-1.7E+07	10982037

458	895323.8	-64.0909	30.39712	8230699	-1.7E+07	10979343
458.2	895568.8	-64.0812	30.38849	8234390	-1.7E+07	10976645
458.4	895812.1	-64.0714	30.37986	8238082	-1.7E+07	10973943
458.6	896053.5	-64.0617	30.37122	8241776	-1.7E+07	10971238
458.8	896293.1	-64.052	30.36257	8245470	-1.7E+07	10968528
459	896530.9	-64.0422	30.35391	8249166	-1.7E+07	10965815
459.2	896766.9	-64.0325	30.34525	8252863	-1.7E+07	10963099
459.4	897001	-64.0228	30.33658	8256561	-1.7E+07	10960378
459.6	897233.3	-64.013	30.3279	8260260	-1.7E+07	10957654
459.8	897463.7	-64.0033	30.31922	8263960	-1.7E+07	10954926
460	897692.2	-63.9935	30.31053	8267661	-1.7E+07	10952195
460.2	897919	-63.9837	30.30183	8271364	-1.7E+07	10949459
460.4	898143.8	-63.974	30.29312	8275067	-1.7E+07	10946720
460.6	898366.8	-63.9642	30.2844	8278772	-1.7E+07	10943978
460.8	898587.9	-63.9544	30.27568	8282478	-1.7E+07	10941231
461	898807.1	-63.9447	30.26695	8286184	-1.7E+07	10938482
461.2	899024.5	-63.9349	30.25821	8289892	-1.7E+07	10935728
461.4	899240	-63.9251	30.24947	8293601	-1.7E+07	10932971
461.6	899453.6	-63.9153	30.24072	8297311	-1.7E+07	10930210
461.8	899665.3	-63.9056	30.23196	8301021	-1.7E+07	10927445
462	899875.1	-63.8958	30.22319	8304733	-1.7E+07	10924677
462.2	900083	-63.886	30.21442	8308446	-1.7E+07	10921905
462.4	900289	-63.8762	30.20563	8312159	-1.7E+07	10919130
462.6	900493.1	-63.8664	30.19685	8315874	-1.7E+07	10916350
462.8	900695.3	-63.8566	30.18805	8319589	-1.7E+07	10913568
463	900895.6	-63.8468	30.17925	8323306	-1.7E+07	10910781
463.2	901094	-63.837	30.17044	8327023	-1.7E+07	10907991
463.4	901290.4	-63.8272	30.16162	8330742	-1.7E+07	10905198
463.6	901484.9	-63.8174	30.1528	8334461	-1.7E+07	10902401
463.8	901677.5	-63.8075	30.14397	8338181	-1.7E+07	10899600
464	901868.2	-63.7977	30.13513	8341902	-1.7E+07	10896796
464.2	902057	-63.7879	30.12628	8345624	-1.7E+07	10893988
464.4	902243.8	-63.7781	30.11743	8349346	-1.7E+07	10891176
464.6	902428.7	-63.7682	30.10857	8353070	-1.7E+07	10888361
464.8	902611.6	-63.7584	30.09971	8356794	-1.7E+07	10885543
465	902792.6	-63.7486	30.09083	8360519	-1.7E+07	10882721
465.2	902971.7	-63.7388	30.08196	8364245	-1.7E+07	10879895
465.4	903148.9	-63.7289	30.07307	8367972	-1.7E+07	10877066
465.6	903324.1	-63.7191	30.06418	8371699	-1.7E+07	10874233
465.8	903497.3	-63.7092	30.05528	8375427	-1.7E+07	10871397
466	903668.7	-63.6994	30.04637	8379156	-1.7E+07	10868557
466.2	903838.1	-63.6895	30.03746	8382886	-1.7E+07	10865714
466.4	904005.5	-63.6797	30.02854	8386616	-1.7E+07	10862867
466.6	904171	-63.6698	30.01961	8390347	-1.7E+07	10860017
466.8	904334.6	-63.66	30.01068	8394079	-1.7E+07	10857164
467	904496.2	-63.6501	30.00174	8397811	-1.7E+07	10854307
467.2	904655.9	-63.6402	29.99279	8401544	-1.7E+07	10851446

467.4	904813.7	-63.6304	29.98384	8405278	-1.7E+07	10848583
467.6	904969.5	-63.6205	29.97488	8409013	-1.7E+07	10845715
467.8	905123.4	-63.6107	29.96591	8412748	-1.7E+07	10842845
468	905275.4	-63.6008	29.95694	8416483	-1.7E+07	10839971
468.2	905425.4	-63.5909	29.94796	8420220	-1.7E+07	10837093
468.4	905573.5	-63.581	29.93897	8423957	-1.7E+07	10834212
468.6	905719.6	-63.5712	29.92998	8427694	-1.7E+07	10831328
468.8	905863.9	-63.5613	29.92098	8431432	-1.7E+07	10828441
469	906006.2	-63.5514	29.91198	8435171	-1.7E+07	10825550
469.2	906146.5	-63.5415	29.90297	8438910	-1.7E+07	10822656
469.4	906285	-63.5316	29.89395	8442649	-1.7E+07	10819759
469.6	906421.5	-63.5217	29.88493	8446390	-1.7E+07	10816858
469.8	906556.1	-63.5118	29.8759	8450130	-1.7E+07	10813954
470	906688.8	-63.5019	29.86686	8453871	-1.7E+07	10811047
470.2	906819.6	-63.492	29.85782	8457613	-1.7E+07	10808136
470.4	906948.5	-63.4821	29.84878	8461355	-1.7E+07	10805222
470.6	907075.4	-63.4722	29.83972	8465098	-1.7E+07	10802305
470.8	907200.5	-63.4623	29.83066	8468841	-1.7E+07	10799385
471	907323.6	-63.4524	29.8216	8472584	-1.7E+07	10796462
471.2	907444.9	-63.4425	29.81253	8476328	-1.7E+07	10793535
471.4	907564.2	-63.4326	29.80345	8480073	-1.7E+07	10790606
471.6	907681.7	-63.4227	29.79437	8483817	-1.7E+07	10787673
471.8	907797.3	-63.4128	29.78528	8487562	-1.7E+07	10784737
472	907911	-63.4029	29.77619	8491308	-1.7E+07	10781798
472.2	908022.8	-63.393	29.76709	8495054	-1.7E+07	10778855
472.4	908132.7	-63.3831	29.75798	8498800	-1.7E+07	10775910
472.6	908240.8	-63.3732	29.74887	8502546	-1.7E+07	10772961
472.8	908346.9	-63.3632	29.73975	8506293	-1.7E+07	10770010
473	908451.2	-63.3533	29.73063	8510040	-1.7E+07	10767055
473.2	908553.6	-63.3434	29.7215	8513788	-1.7E+07	10764097
473.4	908654.2	-63.3335	29.71237	8517536	-1.7E+07	10761136
473.6	908752.9	-63.3235	29.70323	8521284	-1.7E+07	10758173
473.8	908849.7	-63.3136	29.69408	8525032	-1.7E+07	10755206
474	908944.6	-63.3037	29.68493	8528781	-1.7E+07	10752236
474.2	909037.7	-63.2938	29.67578	8532530	-1.7E+07	10749263
474.4	909128.9	-63.2838	29.66662	8536279	-1.7E+07	10746287
474.6	909218.3	-63.2739	29.65745	8540028	-1.7E+07	10743308
474.8	909305.8	-63.264	29.64828	8543778	-1.7E+07	10740326
475	909391.5	-63.254	29.6391	8547527	-1.7E+07	10737341
475.2	909475.2	-63.2441	29.62992	8551277	-1.7E+07	10734353
475.4	909557.1	-63.2341	29.62073	8555027	-1.7E+07	10731363
475.6	909637.1	-63.2242	29.61154	8558777	-1.7E+07	10728369
475.8	909715.3	-63.2143	29.60234	8562528	-1.7E+07	10725372
476	909791.5	-63.2043	29.59314	8566278	-1.7E+07	10722373
476.2	909865.9	-63.1944	29.58393	8570029	-1.7E+07	10719371
476.4	909938.4	-63.1844	29.57472	8573779	-1.7E+07	10716365
476.6	910009	-63.1745	29.5655	8577530	-1.7E+07	10713357

476.8	910077.8	-63.1646	29.55628	8581280	-1.7E+07	10710346
477	910144.7	-63.1546	29.54705	8585031	-1.7E+07	10707333
477.2	910209.8	-63.1447	29.53782	8588782	-1.7E+07	10704316
477.4	910273	-63.1347	29.52858	8592533	-1.7E+07	10701297
477.6	910334.3	-63.1248	29.51934	8596283	-1.7E+07	10698274
477.8	910393.9	-63.1148	29.51009	8600034	-1.7E+07	10695249
478	910451.6	-63.1049	29.50084	8603785	-1.7E+07	10692222
478.2	910507.5	-63.0949	29.49158	8607536	-1.7E+07	10689191
478.4	910561.6	-63.085	29.48232	8611287	-1.7E+07	10686158
478.6	910613.9	-63.075	29.47305	8615037	-1.7E+07	10683122
478.8	910664.4	-63.0651	29.46378	8618788	-1.7E+07	10680083
479	910713.1	-63.0551	29.45451	8622539	-1.7E+07	10677042
479.2	910760.1	-63.0451	29.44523	8626290	-1.7E+07	10673998
479.4	910805.3	-63.0352	29.43594	8630040	-1.7E+07	10670951
479.6	910848.8	-63.0252	29.42665	8633791	-1.7E+07	10667902
479.8	910890.6	-63.0153	29.41736	8637541	-1.7E+07	10664850
480	910930.6	-63.0053	29.40806	8641292	-1.7E+07	10661795
480.2	910968.9	-62.9954	29.39876	8645042	-1.7E+07	10658738
480.4	911005.5	-62.9854	29.38945	8648793	-1.7E+07	10655678
480.6	911040.4	-62.9754	29.38014	8652543	-1.7E+07	10652616
480.8	911073.7	-62.9655	29.37082	8656293	-1.7E+07	10649551
481	911105.3	-62.9555	29.3615	8660044	-1.7E+07	10646483
481.2	911135.2	-62.9456	29.35218	8663794	-1.7E+07	10643413
481.4	911163.5	-62.9356	29.34285	8667544	-1.7E+07	10640341
481.6	911190.2	-62.9256	29.33352	8671294	-1.7E+07	10637266
481.8	911215.3	-62.9157	29.32418	8675044	-1.7E+07	10634188
482	911238.7	-62.9057	29.31484	8678794	-1.7E+07	10631108
482.2	911260.6	-62.8957	29.30549	8682543	-1.7E+07	10628025
482.4	911280.9	-62.8858	29.29614	8686293	-1.7E+07	10624940
482.6	911299.6	-62.8758	29.28678	8690043	-1.7E+07	10621852
482.8	911316.8	-62.8659	29.27742	8693792	-1.7E+07	10618763
483	911332.5	-62.8559	29.26806	8697541	-1.7E+07	10615670
483.2	911346.6	-62.8459	29.25869	8701291	-1.7E+07	10612575
483.4	911359.3	-62.836	29.24932	8705040	-1.7E+07	10609478
483.6	911370.5	-62.826	29.23995	8708789	-1.7E+07	10606379
483.8	911380.3	-62.816	29.23057	8712538	-1.7E+07	10603277
484	911388.6	-62.8061	29.22118	8716287	-1.7E+07	10600173
484.2	911395.5	-62.7961	29.2118	8720035	-1.7E+07	10597067
484.4	911401	-62.7861	29.20241	8723784	-1.7E+07	10593958
484.6	911405.1	-62.7762	29.19301	8727532	-1.7E+07	10590847
484.8	911407.9	-62.7662	29.18361	8731281	-1.7E+07	10587734
485	911409.4	-62.7562	29.17421	8735029	-1.7E+07	10584619
485.2	911409.7	-62.7463	29.1648	8738777	-1.7E+07	10581502
485.4	911408.9	-62.7363	29.15539	8742525	-1.7E+07	10578383
485.6	911407.1	-62.7263	29.14598	8746272	-1.7E+07	10575262
485.8	911404.3	-62.7164	29.13657	8750019	-1.7E+07	10572139
486	911400.6	-62.7064	29.12715	8753766	-1.7E+07	10569015

486.2	911396.2	-62.6964	29.11773	8757513	-1.7E+07	10565889
486.4	911391.1	-62.6865	29.1083	8761260	-1.7E+07	10562762
486.6	911385.4	-62.6765	29.09888	8765006	-1.7E+07	10559634
486.8	911379.1	-62.6665	29.08945	8768752	-1.7E+07	10556504
487	911372.4	-62.6566	29.08002	8772497	-1.7E+07	10553373
487.2	911365.3	-62.6466	29.07059	8776242	-1.7E+07	10550241
487.4	911357.9	-62.6367	29.06116	8779987	-1.7E+07	10547109
487.6	911350.3	-62.6267	29.05173	8783731	-1.7E+07	10543975
487.8	911342.4	-62.6168	29.04229	8787475	-1.7E+07	10540841
488	911334.5	-62.6068	29.03285	8791218	-1.7E+07	10537705
488.2	911326.4	-62.5968	29.02342	8794961	-1.7E+07	10534569
488.4	911318.3	-62.5869	29.01398	8798704	-1.7E+07	10531433
488.6	911310.1	-62.577	29.00454	8802446	-1.7E+07	10528296
488.8	911302	-62.567	28.9951	8806188	-1.7E+07	10525158
489	911293.8	-62.5571	28.98566	8809929	-1.7E+07	10522020
489.2	911285.6	-62.5471	28.97621	8813669	-1.7E+07	10518881
489.4	911277.3	-62.5372	28.96677	8817409	-1.7E+07	10515741
489.6	911269.1	-62.5272	28.95733	8821149	-1.7E+07	10512601
489.8	911260.9	-62.5173	28.94788	8824888	-1.7E+07	10509460
490	911252.6	-62.5074	28.93844	8828627	-1.7E+07	10506319
490.2	911244.4	-62.4974	28.92899	8832365	-1.7E+07	10503177
490.4	911236.1	-62.4875	28.91954	8836103	-1.7E+07	10500035
490.6	911227.8	-62.4776	28.91009	8839840	-1.7E+07	10496892
490.8	911219.5	-62.4677	28.90064	8843577	-1.7E+07	10493748
491	911211.3	-62.4577	28.89119	8847313	-1.7E+07	10490604
491.2	911203	-62.4478	28.88174	8851049	-1.7E+07	10487459
491.4	911194.7	-62.4379	28.87229	8854784	-1.7E+07	10484314
491.6	911186.4	-62.428	28.86284	8858519	-1.7E+07	10481168
491.8	911178.1	-62.4181	28.85338	8862254	-1.7E+07	10478022
492	911169.8	-62.4081	28.84393	8865988	-1.7E+07	10474875
492.2	911161.5	-62.3982	28.83447	8869721	-1.7E+07	10471727
492.4	911153.2	-62.3883	28.82502	8873454	-1.7E+07	10468579
492.6	911144.8	-62.3784	28.81556	8877187	-1.7E+07	10465430
492.8	911136.5	-62.3685	28.8061	8880919	-1.7E+07	10462281
493	911128.2	-62.3586	28.79664	8884650	-1.7E+07	10459131
493.2	911119.9	-62.3487	28.78718	8888381	-1.7E+07	10455981
493.4	911111.5	-62.3388	28.77772	8892112	-1.7E+07	10452830
493.6	911103.2	-62.3289	28.76826	8895842	-1.7E+07	10449678
493.8	911094.9	-62.319	28.7588	8899572	-1.7E+07	10446526
494	911086.5	-62.3091	28.74933	8903301	-1.7E+07	10443373
494.2	911078.2	-62.2992	28.73987	8907029	-1.7E+07	10440220
494.4	911069.8	-62.2893	28.7304	8910758	-1.7E+07	10437066
494.6	911061.5	-62.2794	28.72094	8914485	-1.7E+07	10433911
494.8	911053.1	-62.2696	28.71147	8918212	-1.7E+07	10430756
495	911044.8	-62.2597	28.702	8921939	-1.7E+07	10427601
495.2	911036.4	-62.2498	28.69253	8925665	-1.7E+07	10424445
495.4	911028	-62.2399	28.68306	8929391	-1.7E+07	10421288

495.6	911019.7	-62.23	28.67359	8933117	-1.7E+07	10418131
495.8	911011.3	-62.2201	28.66412	8936841	-1.7E+07	10414973
496	911002.9	-62.2103	28.65465	8940566	-1.7E+07	10411814
496.2	910994.6	-62.2004	28.64518	8944290	-1.7E+07	10408655
496.4	910986.2	-62.1905	28.6357	8948013	-1.7E+07	10405496
496.6	910977.8	-62.1807	28.62623	8951736	-1.7E+07	10402336
496.8	910969.4	-62.1708	28.61675	8955458	-1.7E+07	10399175
497	910961.1	-62.1609	28.60728	8959180	-1.7E+07	10396014
497.2	910952.7	-62.1511	28.5978	8962902	-1.7E+07	10392852
497.4	910944.3	-62.1412	28.58832	8966623	-1.7E+07	10389689
497.6	910935.9	-62.1313	28.57884	8970343	-1.7E+07	10386527
497.8	910927.5	-62.1215	28.56936	8974063	-1.7E+07	10383363
498	910919.1	-62.1116	28.55988	8977783	-1.7E+07	10380199
498.2	910910.7	-62.1018	28.5504	8981502	-1.7E+07	10377034
498.4	910902.3	-62.0919	28.54092	8985220	-1.7E+07	10373869
498.6	910893.9	-62.0821	28.53143	8988938	-1.7E+07	10370703
498.8	910885.5	-62.0722	28.52195	8992656	-1.7E+07	10367537
499	910877.1	-62.0624	28.51246	8996373	-1.7E+07	10364370
499.2	910868.7	-62.0525	28.50298	9000090	-1.7E+07	10361202
499.4	910860.3	-62.0427	28.49349	9003806	-1.7E+07	10358034
499.6	910851.9	-62.0328	28.484	9007522	-1.7E+07	10354866
499.8	910843.5	-62.023	28.47452	9011237	-1.7E+07	10351697
500	910835.1	-62.0132	28.46503	9014952	-1.7E+07	10348527
500.2	910826.7	-62.0033	28.45554	9018666	-1.7E+07	10345357
500.4	910818.3	-61.9935	28.44605	9022379	-1.7E+07	10342186
500.6	910809.9	-61.9837	28.43655	9026093	-1.7E+07	10339014
500.8	910801.4	-61.9738	28.42706	9029805	-1.7E+07	10335842
501	910793	-61.964	28.41757	9033518	-1.7E+07	10332670
501.2	910784.6	-61.9542	28.40807	9037230	-1.7E+07	10329497
501.4	910776.2	-61.9443	28.39858	9040941	-1.7E+07	10326323
501.6	910767.8	-61.9345	28.38908	9044652	-1.7E+07	10323149
501.8	910759.3	-61.9247	28.37958	9048362	-1.7E+07	10319974
502	910750.9	-61.9149	28.37009	9052072	-1.7E+07	10316798
502.2	910742.5	-61.9051	28.36059	9055781	-1.7E+07	10313623
502.4	910734	-61.8953	28.35109	9059490	-1.7E+07	10310446
502.6	910725.6	-61.8854	28.34159	9063199	-1.7E+07	10307269
502.8	910717.2	-61.8756	28.33209	9066906	-1.7E+07	10304091
503	910708.7	-61.8658	28.32258	9070614	-1.7E+07	10300913
503.2	910700.3	-61.856	28.31308	9074321	-1.7E+07	10297735
503.4	910691.8	-61.8462	28.30358	9078027	-1.7E+07	10294555
503.6	910683.4	-61.8364	28.29407	9081733	-1.7E+07	10291375
503.8	910675	-61.8266	28.28457	9085439	-1.7E+07	10288195
504	910666.5	-61.8168	28.27506	9089144	-1.7E+07	10285014
504.2	910658.1	-61.807	28.26555	9092848	-1.7E+07	10281832
504.4	910649.6	-61.7972	28.25605	9096552	-1.7E+07	10278650
504.6	910641.2	-61.7874	28.24654	9100256	-1.7E+07	10275468
504.8	910632.7	-61.7776	28.23703	9103959	-1.7E+07	10272284

505	910624.3	-61.7678	28.22752	9107661	-1.7E+07	10269101
505.2	910615.8	-61.758	28.21801	9111363	-1.7E+07	10265916
505.4	910607.3	-61.7483	28.20849	9115065	-1.7E+07	10262731
505.6	910598.9	-61.7385	28.19898	9118766	-1.7E+07	10259546
505.8	910590.4	-61.7287	28.18947	9122466	-1.7E+07	10256360
506	910582	-61.7189	28.17995	9126167	-1.7E+07	10253173
506.2	910573.5	-61.7091	28.17044	9129866	-1.7E+07	10249986
506.4	910565	-61.6993	28.16092	9133565	-1.7E+07	10246799
506.6	910556.6	-61.6896	28.1514	9137264	-1.7E+07	10243610
506.8	910548.1	-61.6798	28.14188	9140962	-1.7E+07	10240422
507	910539.7	-61.67	28.13237	9144660	-1.7E+07	10237232
507.2	910531.2	-61.6603	28.12285	9148357	-1.7E+07	10234042
507.4	910522.7	-61.6505	28.11332	9152053	-1.7E+07	10230852
507.6	910514.2	-61.6407	28.1038	9155750	-1.7E+07	10227661
507.8	910505.8	-61.631	28.09428	9159445	-1.7E+07	10224469
508	910497.3	-61.6212	28.08476	9163140	-1.7E+07	10221277
508.2	910488.8	-61.6114	28.07523	9166835	-1.7E+07	10218084
508.4	910480.3	-61.6017	28.06571	9170529	-1.7E+07	10214891
508.6	910471.9	-61.5919	28.05618	9174223	-1.7E+07	10211697
508.8	910463.4	-61.5822	28.04666	9177916	-1.7E+07	10208503
509	910454.9	-61.5724	28.03713	9181609	-1.7E+07	10205308
509.2	910446.4	-61.5627	28.0276	9185301	-1.7E+07	10202113
509.4	910438	-61.5529	28.01807	9188993	-1.7E+07	10198917
509.6	910429.5	-61.5432	28.00854	9192684	-1.7E+07	10195720
509.8	910421	-61.5334	27.99901	9196375	-1.7E+07	10192523
510	910412.5	-61.5237	27.98948	9200065	-1.7E+07	10189325
510.2	910404	-61.5139	27.97995	9203755	-1.7E+07	10186127
510.4	910395.5	-61.5042	27.97042	9207444	-1.7E+07	10182928
510.6	910387.1	-61.4945	27.96088	9211133	-1.7E+07	10179729
510.8	910378.6	-61.4847	27.95135	9214821	-1.7E+07	10176529
511	910370.1	-61.475	27.94181	9218509	-1.7E+07	10173328
511.2	910361.6	-61.4652	27.93227	9222196	-1.7E+07	10170127
511.4	910353.1	-61.4555	27.92274	9225883	-1.7E+07	10166926
511.6	910344.6	-61.4458	27.9132	9229569	-1.7E+07	10163724
511.8	910336.1	-61.4361	27.90366	9233255	-1.7E+07	10160521
512	910327.6	-61.4263	27.89412	9236941	-1.7E+07	10157318
512.2	910319.1	-61.4166	27.88458	9240625	-1.7E+07	10154114
512.4	910310.6	-61.4069	27.87504	9244310	-1.7E+07	10150910
512.6	910302.1	-61.3972	27.8655	9247993	-1.7E+07	10147705
512.8	910293.6	-61.3875	27.85595	9251677	-1.7E+07	10144499
513	910285.1	-61.3777	27.84641	9255360	-1.7E+07	10141293
513.2	910276.6	-61.368	27.83686	9259042	-1.7E+07	10138087
513.4	910268.1	-61.3583	27.82732	9262724	-1.7E+07	10134880
513.6	910259.6	-61.3486	27.81777	9266405	-1.7E+07	10131672
513.8	910251.1	-61.3389	27.80823	9270086	-1.7E+07	10128464
514	910242.6	-61.3292	27.79868	9273766	-1.7E+07	10125255
514.2	910234.1	-61.3195	27.78913	9277446	-1.7E+07	10122046

514.4	910225.6	-61.3098	27.77958	9281126	-1.7E+07	10118836
514.6	910217.1	-61.3001	27.77003	9284804	-1.7E+07	10115625
514.8	910208.6	-61.2904	27.76048	9288483	-1.7E+07	10112414
515	910200.1	-61.2807	27.75092	9292161	-1.7E+07	10109203
515.2	910191.6	-61.271	27.74137	9295838	-1.7E+07	10105991
515.4	910183.1	-61.2613	27.73182	9299515	-1.7E+07	10102778
515.6	910174.6	-61.2516	27.72226	9303191	-1.7E+07	10099565
515.8	910166.1	-61.2419	27.71271	9306867	-1.7E+07	10096351
516	910157.6	-61.2322	27.70315	9310542	-1.7E+07	10093137
516.2	910149.1	-61.2225	27.6936	9314217	-1.7E+07	10089922
516.4	910140.5	-61.2128	27.68404	9317892	-1.7E+07	10086707
516.6	910132	-61.2032	27.67448	9321565	-1.7E+07	10083491
516.8	910123.5	-61.1935	27.66492	9325239	-1.7E+07	10080275
517	910115	-61.1838	27.65536	9328912	-1.7E+07	10077058
517.2	910106.5	-61.1741	27.6458	9332584	-1.7E+07	10073840
517.4	910098	-61.1644	27.63624	9336256	-1.7E+07	10070622
517.6	910089.5	-61.1548	27.62667	9339927	-1.7E+07	10067403
517.8	910080.9	-61.1451	27.61711	9343598	-1.7E+07	10064184
518	910072.4	-61.1354	27.60755	9347268	-1.7E+07	10060964
518.2	910063.9	-61.1258	27.59798	9350938	-1.7E+07	10057744
518.4	910055.4	-61.1161	27.58841	9354608	-1.7E+07	10054523
518.6	910046.9	-61.1064	27.57885	9358276	-1.7E+07	10051302
518.8	910038.4	-61.0968	27.56928	9361945	-1.7E+07	10048080
519	910029.8	-61.0871	27.55971	9365613	-1.7E+07	10044858
519.2	910021.3	-61.0774	27.55014	9369280	-1.7E+07	10041635
519.4	910012.8	-61.0678	27.54057	9372947	-1.7E+07	10038411
519.6	910004.3	-61.0581	27.531	9376613	-1.7E+07	10035187
519.8	909995.8	-61.0485	27.52143	9380279	-1.7E+07	10031962
520	909987.2	-61.0388	27.51186	9383944	-1.7E+07	10028737
520.2	909978.7	-61.0292	27.50228	9387609	-1.7E+07	10025511
520.4	909970.2	-61.0195	27.49271	9391274	-1.7E+07	10022285
520.6	909961.7	-61.0099	27.48314	9394937	-1.7E+07	10019058
520.8	909953.1	-61.0002	27.47356	9398601	-1.7E+07	10015831
521	909944.6	-60.9906	27.46398	9402264	-1.7E+07	10012603
521.2	909936.1	-60.9809	27.45441	9405926	-1.7E+07	10009374
521.4	909927.6	-60.9713	27.44483	9409588	-1.7E+07	10006145
521.6	909919	-60.9617	27.43525	9413249	-1.7E+07	10002916
521.8	909910.5	-60.952	27.42567	9416910	-1.7E+07	9999686
522	909902	-60.9424	27.41609	9420570	-1.7E+07	9996455
522.2	909893.5	-60.9328	27.40651	9424230	-1.7E+07	9993224
522.4	909884.9	-60.9231	27.39692	9427889	-1.7E+07	9989992
522.6	909876.4	-60.9135	27.38734	9431548	-1.7E+07	9986760
522.8	909867.9	-60.9039	27.37776	9435206	-1.7E+07	9983527
523	909859.3	-60.8942	27.36817	9438864	-1.7E+07	9980294
523.2	909850.8	-60.8846	27.35859	9442521	-1.7E+07	9977060
523.4	909842.3	-60.875	27.349	9446178	-1.7E+07	9973825
523.6	909833.8	-60.8654	27.33942	9449834	-1.7E+07	9970590



523.8	909825.2	-60.8558	27.32983	9453490	-1.7E+07	9967355
524	909816.7	-60.8461	27.32024	9457145	-1.7E+07	9964119
524.2	909808.2	-60.8365	27.31065	9460800	-1.7E+07	9960882
524.4	909799.6	-60.8269	27.30106	9464454	-1.7E+07	9957645
524.6	909791.1	-60.8173	27.29147	9468108	-1.7E+07	9954407
524.8	909782.6	-60.8077	27.28188	9471761	-1.7E+07	9951169
525	909774	-60.7981	27.27228	9475414	-1.7E+07	9947930
525.2	909765.5	-60.7885	27.26269	9479066	-1.7E+07	9944691
525.4	909757	-60.7789	27.2531	9482718	-1.7E+07	9941451
525.6	909748.4	-60.7693	27.2435	9486369	-1.7E+07	9938210
525.8	909739.9	-60.7597	27.23391	9490020	-1.7E+07	9934970
526	909731.4	-60.7501	27.22431	9493670	-1.7E+07	9931728
526.2	909722.8	-60.7405	27.21471	9497320	-1.7E+07	9928486
526.4	909714.3	-60.7309	27.20511	9500969	-1.7E+07	9925243
526.6	909705.8	-60.7213	27.19552	9504617	-1.7E+07	9922000
526.8	909697.2	-60.7117	27.18592	9508266	-1.7E+07	9918757
527	909688.7	-60.7021	27.17632	9511913	-1.7E+07	9915512
527.2	909680.2	-60.6925	27.16671	9515560	-1.7E+07	9912268
527.4	909671.6	-60.6829	27.15711	9519207	-1.7E+07	9909022
527.6	909663.1	-60.6734	27.14751	9522853	-1.7E+07	9905777
527.8	909654.5	-60.6638	27.13791	9526499	-1.7E+07	9902530
528	909646	-60.6542	27.1283	9530144	-1.7E+07	9899283
528.2	909637.5	-60.6446	27.1187	9533788	-1.7E+07	9896036
528.4	909628.9	-60.635	27.10909	9537432	-1.7E+07	9892788
528.6	909620.4	-60.6255	27.09948	9541076	-1.7E+07	9889539
528.8	909611.9	-60.6159	27.08988	9544719	-1.7E+07	9886290
529	909603.3	-60.6063	27.08027	9548362	-1.7E+07	9883041
529.2	909594.8	-60.5967	27.07066	9552004	-1.7E+07	9879791
529.4	909586.2	-60.5872	27.06105	9555645	-1.7E+07	9876540
529.6	909577.7	-60.5776	27.05144	9559286	-1.7E+07	9873289
529.8	909569.2	-60.568	27.04183	9562927	-1.7E+07	9870037
530	909560.6	-60.5585	27.03221	9566567	-1.7E+07	9866785
530.2	909552.1	-60.5489	27.0226	9570206	-1.7E+07	9863532
530.4	909543.5	-60.5394	27.01299	9573845	-1.7E+07	9860279
530.6	909535	-60.5298	27.00337	9577483	-1.7E+07	9857025
530.8	909526.5	-60.5202	26.99376	9581121	-1.7E+07	9853770
531	909517.9	-60.5107	26.98414	9584759	-1.7E+07	9850516
531.2	909509.4	-60.5011	26.97452	9588396	-1.7E+07	9847260
531.4	909500.8	-60.4916	26.96491	9592032	-1.7E+07	9844004
531.6	909492.3	-60.482	26.95529	9595668	-1.7E+07	9840747
531.8	909483.7	-60.4725	26.94567	9599303	-1.7E+07	9837490
532	909475.2	-60.4629	26.93605	9602938	-1.7E+07	9834233
532.2	909466.7	-60.4534	26.92643	9606573	-1.7E+07	9830975
532.4	909458.1	-60.4439	26.91681	9610206	-1.7E+07	9827716
532.6	909449.6	-60.4343	26.90718	9613840	-1.7E+07	9824457
532.8	909441	-60.4248	26.89756	9617473	-1.7E+07	9821197
533	909432.5	-60.4152	26.88794	9621105	-1.7E+07	9817937

533.2	909423.9	-60.4057	26.87831	9624737	-1.7E+07	9814676
533.4	909415.4	-60.3962	26.86869	9628368	-1.7E+07	9811414
533.6	909406.9	-60.3866	26.85906	9631999	-1.7E+07	9808153
533.8	909398.3	-60.3771	26.84943	9635629	-1.7E+07	9804890
534	909389.8	-60.3676	26.83981	9639259	-1.7E+07	9801627
534.2	909381.2	-60.3581	26.83018	9642888	-1.7E+07	9798364
534.4	909372.7	-60.3485	26.82055	9646516	-1.7E+07	9795100
534.6	909364.1	-60.339	26.81092	9650145	-1.7E+07	9791835
534.8	909355.6	-60.3295	26.80129	9653772	-1.7E+07	9788570
535	909347	-60.32	26.79165	9657399	-1.7E+07	9785304
535.2	909338.5	-60.3105	26.78202	9661026	-1.7E+07	9782038
535.4	909330	-60.3009	26.77239	9664652	-1.7E+07	9778772
535.6	909321.4	-60.2914	26.76275	9668278	-1.7E+07	9775504
535.8	909312.9	-60.2819	26.75312	9671903	-1.7E+07	9772237
536	909304.3	-60.2724	26.74348	9675527	-1.7E+07	9768968
536.2	909295.8	-60.2629	26.73385	9679151	-1.7E+07	9765699
536.4	909287.2	-60.2534	26.72421	9682775	-1.7E+07	9762430
536.6	909278.7	-60.2439	26.71457	9686398	-1.7E+07	9759160
536.8	909270.1	-60.2344	26.70493	9690020	-1.7E+07	9755890
537	909261.6	-60.2249	26.69529	9693642	-1.7E+07	9752619
537.2	909253	-60.2154	26.68565	9697264	-1.7E+07	9749347
537.4	909244.5	-60.2059	26.67601	9700885	-1.7E+07	9746075
537.6	909235.9	-60.1964	26.66637	9704505	-1.7E+07	9742803
537.8	909227.4	-60.1869	26.65673	9708125	-1.7E+07	9739530
538	909218.8	-60.1774	26.64709	9711745	-1.7E+07	9736256
538.2	909210.3	-60.1679	26.63744	9715363	-1.7E+07	9732982
538.4	909201.8	-60.1584	26.6278	9718982	-1.7E+07	9729707
538.6	909193.2	-60.1489	26.61815	9722600	-1.7E+07	9726432
538.8	909184.7	-60.1394	26.6085	9726217	-1.7E+07	9723157
539	909176.1	-60.1299	26.59886	9729834	-1.7E+07	9719880
539.2	909167.6	-60.1205	26.58921	9733450	-1.7E+07	9716604
539.4	909159	-60.111	26.57956	9737066	-1.7E+07	9713326
539.6	909150.5	-60.1015	26.56991	9740681	-1.7E+07	9710048
539.8	909141.9	-60.092	26.56026	9744296	-1.7E+07	9706770
540	909133.4	-60.0825	26.55061	9747910	-1.7E+07	9703491
540.2	909124.8	-60.0731	26.54096	9751523	-1.7E+07	9700212
540.4	909116.3	-60.0636	26.53131	9755137	-1.7E+07	9696932
540.6	909107.7	-60.0541	26.52165	9758749	-1.7E+07	9693651
540.8	909099.2	-60.0447	26.512	9762361	-1.7E+07	9690371
541	909090.6	-60.0352	26.50234	9765973	-1.7E+07	9687089
541.2	909082.1	-60.0257	26.49269	9769584	-1.7E+07	9683807
541.4	909073.5	-60.0163	26.48303	9773195	-1.7E+07	9680524
541.6	909065	-60.0068	26.47338	9776805	-1.7E+07	9677241
541.8	909056.4	-59.9973	26.46372	9780414	-1.7E+07	9673958
542	909047.9	-59.9879	26.45406	9784023	-1.7E+07	9670674
542.2	909039.3	-59.9784	26.4444	9787632	-1.7E+07	9667389
542.4	909030.8	-59.969	26.43474	9791240	-1.7E+07	9664104

542.6	909022.2	-59.9595	26.42508	9794847	-1.7E+07	9660818
542.8	909013.7	-59.9501	26.41542	9798454	-1.7E+07	9657532
543	909005.1	-59.9406	26.40575	9802060	-1.7E+07	9654245
543.2	908996.6	-59.9312	26.39609	9805666	-1.7E+07	9650958
543.4	908988	-59.9217	26.38643	9809271	-1.7E+07	9647670
543.6	908979.5	-59.9123	26.37676	9812876	-1.7E+07	9644382
543.8	908971	-59.9028	26.3671	9816480	-1.7E+07	9641093
544	908962.4	-59.8934	26.35743	9820084	-1.7E+07	9637803
544.2	908953.9	-59.8839	26.34776	9823688	-1.7E+07	9634513
544.4	908945.3	-59.8745	26.3381	9827290	-1.7E+07	9631223
544.6	908936.8	-59.8651	26.32843	9830892	-1.7E+07	9627932
544.8	908928.2	-59.8556	26.31876	9834494	-1.7E+07	9624641
545	908919.7	-59.8462	26.30909	9838095	-1.7E+07	9621349
545.2	908911.1	-59.8368	26.29942	9841696	-1.7E+07	9618056
545.4	908902.6	-59.8273	26.28975	9845296	-1.7E+07	9614763
545.6	908894	-59.8179	26.28008	9848896	-1.7E+07	9611469
545.8	908885.5	-59.8085	26.2704	9852495	-1.7E+07	9608175
546	908876.9	-59.7991	26.26073	9856093	-1.7E+07	9604881
546.2	908868.4	-59.7896	26.25106	9859691	-1.7E+07	9601586
546.4	908859.9	-59.7802	26.24138	9863289	-1.7E+07	9598290
546.6	908851.3	-59.7708	26.2317	9866886	-1.7E+07	9594994
546.8	908842.8	-59.7614	26.22203	9870482	-1.7E+07	9591697
547	908834.2	-59.752	26.21235	9874078	-1.7E+07	9588400
547.2	908825.7	-59.7425	26.20267	9877673	-1.7E+07	9585102
547.4	908817.1	-59.7331	26.19299	9881268	-1.7E+07	9581804
547.6	908808.6	-59.7237	26.18331	9884862	-1.7E+07	9578505
547.8	908800	-59.7143	26.17363	9888456	-1.7E+07	9575206
548	908791.5	-59.7049	26.16395	9892049	-1.7E+07	9571906
548.2	908783	-59.6955	26.15427	9895642	-1.7E+07	9568606
548.4	908774.4	-59.6861	26.14459	9899234	-1.7E+07	9565305
548.6	908765.9	-59.6767	26.1349	9902826	-1.7E+07	9562003
548.8	908757.3	-59.6673	26.12522	9906417	-1.7E+07	9558701
549	908748.8	-59.6579	26.11554	9910008	-1.7E+07	9555399
549.2	908740.2	-59.6485	26.10585	9913598	-1.7E+07	9552096
549.4	908731.7	-59.6391	26.09616	9917187	-1.7E+07	9548793
549.6	908723.1	-59.6297	26.08648	9920777	-1.7E+07	9545489
549.8	908714.6	-59.6203	26.07679	9924365	-1.7E+07	9542184
550	908706	-59.6109	26.0671	9927953	-1.7E+07	9538879
550.2	908697.5	-59.6015	26.05741	9931540	-1.7E+07	9535573
550.4	908688.9	-59.5921	26.04772	9935127	-1.7E+07	9532267
550.6	908680.4	-59.5828	26.03803	9938714	-1.7E+07	9528961
550.8	908671.9	-59.5734	26.02834	9942300	-1.7E+07	9525654
551	908663.3	-59.564	26.01865	9945885	-1.7E+07	9522346
551.2	908654.8	-59.5546	26.00895	9949470	-1.7E+07	9519038
551.4	908646.2	-59.5452	25.99926	9953054	-1.7E+07	9515729
551.6	908637.7	-59.5358	25.98957	9956638	-1.7E+07	9512420
551.8	908629.1	-59.5265	25.97987	9960221	-1.7E+07	9509111

552	908620.6	-59.5171	25.97018	9963804	-1.7E+07	9505800
552.2	908612	-59.5077	25.96048	9967386	-1.7E+07	9502490
552.4	908603.5	-59.4983	25.95078	9970968	-1.7E+07	9499178
552.6	908594.9	-59.489	25.94108	9974549	-1.7E+07	9495867
552.8	908586.4	-59.4796	25.93138	9978129	-1.7E+07	9492554
553	908577.8	-59.4702	25.92168	9981709	-1.7E+07	9489242
553.2	908569.3	-59.4609	25.91198	9985289	-1.7E+07	9485928
553.4	908560.7	-59.4515	25.90228	9988868	-1.7E+07	9482615
553.6	908552.2	-59.4422	25.89258	9992446	-1.7E+07	9479300
553.8	908543.7	-59.4328	25.88288	9996024	-1.7E+07	9475985
554	908535.1	-59.4234	25.87318	9999602	-1.7E+07	9472670
554.2	908526.6	-59.4141	25.86347	10003178	-1.7E+07	9469354
554.4	908518	-59.4047	25.85377	10006755	-1.7E+07	9466038
554.6	908509.5	-59.3954	25.84406	10010330	-1.7E+07	9462721
554.8	908500.9	-59.386	25.83436	10013906	-1.7E+07	9459403
555	908492.4	-59.3767	25.82465	10017480	-1.7E+07	9456086
555.2	908483.8	-59.3673	25.81494	10021055	-1.7E+07	9452767
555.4	908475.3	-59.358	25.80523	10024628	-1.7E+07	9449448
555.6	908466.7	-59.3486	25.79552	10028201	-1.7E+07	9446129
555.8	908458.2	-59.3393	25.78581	10031774	-1.7E+07	9442809
556	908449.6	-59.33	25.7761	10035346	-1.7E+07	9439488
556.2	908441.1	-59.3206	25.76639	10038917	-1.7E+07	9436167
556.4	908432.5	-59.3113	25.75668	10042488	-1.7E+07	9432846
556.6	908424	-59.3019	25.74697	10046059	-1.7E+07	9429524
556.8	908415.4	-59.2926	25.73725	10049629	-1.7E+07	9426201
557	908406.9	-59.2833	25.72754	10053198	-1.7E+07	9422878
557.2	908398.3	-59.2739	25.71783	10056767	-1.7E+07	9419554
557.4	908389.8	-59.2646	25.70811	10060335	-1.7E+07	9416230
557.6	908381.2	-59.2553	25.69839	10063903	-1.7E+07	9412906
557.8	908372.7	-59.246	25.68868	10067470	-1.7E+07	9409581
558	908364.1	-59.2366	25.67896	10071037	-1.7E+07	9406255
558.2	908355.6	-59.2273	25.66924	10074603	-1.7E+07	9402929
558.4	908347	-59.218	25.65952	10078169	-1.7E+07	9399602
558.6	908338.5	-59.2087	25.6498	10081734	-1.7E+07	9396275
558.8	908329.9	-59.1993	25.64008	10085299	-1.7E+07	9392947
559	908321.4	-59.19	25.63036	10088863	-1.7E+07	9389619
559.2	908312.8	-59.1807	25.62064	10092426	-1.7E+07	9386291
559.4	908304.3	-59.1714	25.61091	10095989	-1.7E+07	9382961
559.6	908295.7	-59.1621	25.60119	10099551	-1.7E+07	9379632
559.8	908287.2	-59.1528	25.59147	10103113	-1.7E+07	9376301
560	908278.6	-59.1435	25.58174	10106675	-1.7E+07	9372971
560.2	908270.1	-59.1342	25.57202	10110235	-1.7E+07	9369639
560.4	908261.5	-59.1249	25.56229	10113796	-1.7E+07	9366308
560.6	908253	-59.1155	25.55256	10117355	-1.7E+07	9362975
560.8	908244.4	-59.1062	25.54283	10120915	-1.7E+07	9359643
561	908235.9	-59.0969	25.53311	10124473	-1.7E+07	9356309
561.2	908227.3	-59.0876	25.52338	10128031	-1.7E+07	9352976

561.4	908218.8	-59.0784	25.51365	10131589	-1.7E+07	9349641
561.6	908210.2	-59.0691	25.50392	10135146	-1.7E+07	9346307
561.8	908201.7	-59.0598	25.49418	10138703	-1.7E+07	9342971
562	908193.1	-59.0505	25.48445	10142259	-1.7E+07	9339635
562.2	908184.6	-59.0412	25.47472	10145814	-1.7E+07	9336299
562.4	908176	-59.0319	25.46499	10149369	-1.7E+07	9332962
562.6	908167.5	-59.0226	25.45525	10152923	-1.7E+07	9329625
562.8	908158.9	-59.0133	25.44552	10156477	-1.7E+07	9326287
563	908150.4	-59.004	25.43578	10160030	-1.7E+07	9322949
563.2	908141.8	-58.9947	25.42604	10163583	-1.7E+07	9319610
563.4	908133.3	-58.9855	25.41631	10167135	-1.7E+07	9316271
563.6	908124.7	-58.9762	25.40657	10170687	-1.7E+07	9312931
563.8	908116.2	-58.9669	25.39683	10174238	-1.7E+07	9309590
564	908107.6	-58.9576	25.38709	10177788	-1.7E+07	9306249
564.2	908099.1	-58.9484	25.37735	10181338	-1.7E+07	9302908
564.4	908090.5	-58.9391	25.36761	10184888	-1.7E+07	9299566
564.6	908082	-58.9298	25.35787	10188437	-1.7E+07	9296224
564.8	908073.4	-58.9205	25.34813	10191985	-1.7E+07	9292881
565	908064.9	-58.9113	25.33838	10195533	-1.7E+07	9289537
565.2	908056.3	-58.902	25.32864	10199080	-1.7E+07	9286193
565.4	908047.8	-58.8927	25.3189	10202627	-1.7E+07	9282849
565.6	908039.2	-58.8835	25.30915	10206173	-1.7E+07	9279504
565.8	908030.7	-58.8742	25.29941	10209719	-1.7E+07	9276159
566	908022.1	-58.865	25.28966	10213264	-1.7E+07	9272813
566.2	908013.5	-58.8557	25.27991	10216809	-1.7E+07	9269466
566.4	908005	-58.8464	25.27016	10220353	-1.7E+07	9266119
566.6	907996.4	-58.8372	25.26042	10223897	-1.7E+07	9262772
566.8	907987.9	-58.8279	25.25067	10227440	-1.7E+07	9259424
567	907979.3	-58.8187	25.24092	10230982	-1.7E+07	9256076
567.2	907970.8	-58.8094	25.23117	10234524	-1.7E+07	9252727
567.4	907962.2	-58.8002	25.22141	10238065	-1.7E+07	9249377
567.6	907953.7	-58.7909	25.21166	10241606	-1.7E+07	9246027
567.8	907945.1	-58.7817	25.20191	10245146	-1.7E+07	9242677
568	907936.6	-58.7724	25.19216	10248686	-1.7E+07	9239326
568.2	907928	-58.7632	25.1824	10252225	-1.7E+07	9235974
568.4	907919.5	-58.754	25.17265	10255764	-1.7E+07	9232622
568.6	907910.9	-58.7447	25.16289	10259302	-1.7E+07	9229270
568.8	907902.4	-58.7355	25.15314	10262839	-1.7E+07	9225917
569	907893.8	-58.7263	25.14338	10266376	-1.7E+07	9222563
569.2	907885.3	-58.717	25.13362	10269913	-1.7E+07	9219209
569.4	907876.7	-58.7078	25.12386	10273449	-1.7E+07	9215855
569.6	907868.2	-58.6986	25.1141	10276984	-1.7E+07	9212500
569.8	907859.6	-58.6893	25.10434	10280519	-1.7E+07	9209144
570	907851.1	-58.6801	25.09458	10284053	-1.7E+07	9205788
570.2	907842.5	-58.6709	25.08482	10287587	-1.7E+07	9202432
570.4	907834	-58.6616	25.07506	10291120	-1.7E+07	9199075
570.6	907825.4	-58.6524	25.0653	10294653	-1.7E+07	9195717

570.8	907816.9	-58.6432	25.05554	10298185	-1.7E+07	9192359
571	907808.3	-58.634	25.04577	10301716	-1.7E+07	9189001
571.2	907799.8	-58.6248	25.03601	10305247	-1.7E+07	9185642
571.4	907791.2	-58.6155	25.02624	10308778	-1.7E+07	9182283
571.6	907782.6	-58.6063	25.01648	10312308	-1.7E+07	9178923
571.8	907774.1	-58.5971	25.00671	10315837	-1.7E+07	9175562
572	907765.5	-58.5879	24.99694	10319366	-1.7E+07	9172201
572.2	907757	-58.5787	24.98717	10322894	-1.7E+07	9168840
572.4	907748.4	-58.5695	24.9774	10326422	-1.7E+07	9165478
572.6	907739.9	-58.5603	24.96763	10329949	-1.7E+07	9162115
572.8	907731.3	-58.5511	24.95786	10333476	-1.7E+07	9158752
573	907722.8	-58.5419	24.94809	10337002	-1.7E+07	9155389
573.2	907714.2	-58.5327	24.93832	10340527	-1.7E+07	9152025
573.4	907705.7	-58.5235	24.92855	10344052	-1.7E+07	9148660
573.6	907697.1	-58.5143	24.91878	10347577	-1.7E+07	9145295
573.8	907688.6	-58.5051	24.909	10351100	-1.7E+07	9141930
574	907680	-58.4959	24.89923	10354624	-1.7E+07	9138564
574.2	907671.5	-58.4867	24.88945	10358147	-1.7E+07	9135197
574.4	907662.9	-58.4775	24.87968	10361669	-1.7E+07	9131830
574.6	907654.4	-58.4683	24.8699	10365190	-1.7E+07	9128463
574.8	907645.8	-58.4591	24.86012	10368712	-1.7E+07	9125095
575	907637.3	-58.4499	24.85035	10372232	-1.7E+07	9121727
575.2	907628.7	-58.4407	24.84057	10375752	-1.7E+07	9118358
575.4	907620.2	-58.4315	24.83079	10379272	-1.7E+07	9114988
575.6	907611.6	-58.4224	24.82101	10382791	-1.7E+07	9111618
575.8	907603.1	-58.4132	24.81123	10386309	-1.7E+07	9108248
576	907594.5	-58.404	24.80145	10389827	-1.7E+07	9104877
576.2	907586	-58.3948	24.79167	10393344	-1.7E+07	9101506
576.4	907577.4	-58.3856	24.78188	10396861	-1.7E+07	9098134
576.6	907568.9	-58.3765	24.7721	10400377	-1.7E+07	9094761
576.8	907560.3	-58.3673	24.76232	10403893	-1.7E+07	9091388
577	907551.8	-58.3581	24.75253	10407408	-1.7E+07	9088015
577.2	907543.2	-58.3489	24.74275	10410922	-1.7E+07	9084641
577.4	907534.7	-58.3398	24.73296	10414436	-1.7E+07	9081267
577.6	907526.1	-58.3306	24.72317	10417950	-1.7E+07	9077892
577.8	907517.6	-58.3214	24.71339	10421462	-1.7E+07	9074516
578	907509	-58.3123	24.7036	10424975	-1.7E+07	9071141
578.2	907500.5	-58.3031	24.69381	10428486	-1.7E+07	9067764
578.4	907491.9	-58.2939	24.68402	10431998	-1.7E+07	9064387
578.6	907483.4	-58.2848	24.67423	10435508	-1.7E+07	9061010
578.8	907474.8	-58.2756	24.66444	10439018	-1.7E+07	9057632
579	907466.3	-58.2665	24.65465	10442528	-1.7E+07	9054254
579.2	907457.7	-58.2573	24.64486	10446037	-1.7E+07	9050875
579.4	907449.2	-58.2482	24.63506	10449545	-1.7E+07	9047496
579.6	907440.6	-58.239	24.62527	10453053	-1.7E+07	9044116
579.8	907432.1	-58.2298	24.61547	10456561	-1.7E+07	9040736
580	907423.5	-58.2207	24.60568	10460067	-1.7E+07	9037355

580.2	907415	-58.2116	24.59588	10463574	-1.7E+07	9033974
580.4	907406.4	-58.2024	24.58609	10467079	-1.7E+07	9030592
580.6	907397.9	-58.1933	24.57629	10470584	-1.7E+07	9027210
580.8	907389.3	-58.1841	24.56649	10474089	-1.7E+07	9023827
581	907380.8	-58.175	24.5567	10477593	-1.7E+07	9020444
581.2	907372.2	-58.1658	24.5469	10481096	-1.7E+07	9017060
581.4	907363.7	-58.1567	24.5371	10484599	-1.7E+07	9013676
581.6	907355.1	-58.1476	24.5273	10488102	-1.7E+07	9010291
581.8	907346.6	-58.1384	24.5175	10491603	-1.7E+07	9006906
582	907338	-58.1293	24.50769	10495105	-1.7E+07	9003520
582.2	907329.5	-58.1202	24.49789	10498605	-1.7E+07	9000134
582.4	907320.9	-58.111	24.48809	10502105	-1.7E+07	8996747
582.6	907312.4	-58.1019	24.47829	10505605	-1.7E+07	8993360
582.8	907303.8	-58.0928	24.46848	10509104	-1.7E+07	8989972
583	907295.3	-58.0836	24.45868	10512602	-1.7E+07	8986584
583.2	907286.7	-58.0745	24.44887	10516100	-1.7E+07	8983196
583.4	907278.2	-58.0654	24.43906	10519598	-1.7E+07	8979806
583.6	907269.6	-58.0563	24.42926	10523094	-1.7E+07	8976417
583.8	907261.1	-58.0471	24.41945	10526591	-1.7E+07	8973027
584	907252.5	-58.038	24.40964	10530086	-1.7E+07	8969636
584.2	907244	-58.0289	24.39983	10533581	-1.7E+07	8966245
584.4	907235.4	-58.0198	24.39002	10537076	-1.7E+07	8962854
584.6	907226.9	-58.0107	24.38021	10540570	-1.7E+07	8959462
584.8	907218.3	-58.0016	24.3704	10544063	-1.7E+07	8956069
585	907209.8	-57.9925	24.36059	10547556	-1.7E+07	8952676
585.2	907201.2	-57.9833	24.35078	10551049	-1.7E+07	8949282
585.4	907192.7	-57.9742	24.34096	10554540	-1.7E+07	8945888
585.6	907184.2	-57.9651	24.33115	10558032	-1.7E+07	8942494
585.8	907175.6	-57.956	24.32134	10561522	-1.7E+07	8939099
586	907167.1	-57.9469	24.31152	10565012	-1.7E+07	8935704
586.2	907158.5	-57.9378	24.3017	10568502	-1.7E+07	8932308
586.4	907150	-57.9287	24.29189	10571991	-1.7E+07	8928911
586.6	907141.4	-57.9196	24.28207	10575479	-1.7E+07	8925514
586.8	907132.9	-57.9105	24.27225	10578967	-1.7E+07	8922117
587	907124.3	-57.9014	24.26244	10582454	-1.7E+07	8918719
587.2	907115.8	-57.8923	24.25262	10585941	-1.7E+07	8915321
587.4	907107.2	-57.8832	24.2428	10589427	-1.7E+07	8911922
587.6	907098.7	-57.8742	24.23298	10592913	-1.7E+07	8908523
587.8	907090.2	-57.8651	24.22316	10596398	-1.7E+07	8905123
588	907081.6	-57.856	24.21333	10599882	-1.7E+07	8901722
588.2	907073.1	-57.8469	24.20351	10603366	-1.7E+07	8898322
588.4	907064.5	-57.8378	24.19369	10606850	-1.7E+07	8894920
588.6	907056	-57.8287	24.18386	10610332	-1.7E+07	8891519
588.8	907047.4	-57.8196	24.17404	10613815	-1.7E+07	8888116
589	907038.9	-57.8106	24.16422	10617296	-1.7E+07	8884714
589.2	907030.3	-57.8015	24.15439	10620777	-1.7E+07	8881310
589.4	907021.8	-57.7924	24.14456	10624258	-1.7E+07	8877907

589.6	907013.3	-57.7833	24.13474	10627738	-1.7E+07	8874503
589.8	907004.7	-57.7742	24.12491	10631217	-1.7E+07	8871098
590	906996.2	-57.7652	24.11508	10634696	-1.7E+07	8867693
590.2	906987.6	-57.7561	24.10525	10638175	-1.7E+07	8864287
590.4	906979.1	-57.747	24.09542	10641652	-1.7E+07	8860881
590.6	906970.5	-57.738	24.08559	10645130	-1.7E+07	8857475
590.8	906962	-57.7289	24.07576	10648606	-1.7E+07	8854067
591	906953.5	-57.7198	24.06593	10652082	-1.7E+07	8850660
591.2	906944.9	-57.7108	24.0561	10655558	-1.7E+07	8847252
591.4	906936.4	-57.7017	24.04626	10659033	-1.7E+07	8843843
591.6	906927.8	-57.6926	24.03643	10662507	-1.7E+07	8840434
591.8	906919.3	-57.6836	24.0266	10665981	-1.7E+07	8837025
592	906910.7	-57.6745	24.01676	10669454	-1.7E+07	8833615
592.2	906902.2	-57.6655	24.00693	10672927	-1.7E+07	8830205
592.4	906893.7	-57.6564	23.99709	10676399	-1.7E+07	8826794
592.6	906885.1	-57.6474	23.98725	10679870	-1.7E+07	8823382
592.8	906876.6	-57.6383	23.97742	10683341	-1.7E+07	8819970
593	906868	-57.6293	23.96758	10686812	-1.7E+07	8816558
593.2	906859.5	-57.6202	23.95774	10690282	-1.7E+07	8813145
593.4	906851	-57.6112	23.9479	10693751	-1.7E+07	8809732
593.6	906842.4	-57.6021	23.93806	10697220	-1.7E+07	8806318
593.8	906833.9	-57.5931	23.92822	10700688	-1.7E+07	8802904
594	906825.3	-57.584	23.91838	10704155	-1.7E+07	8799489
594.2	906816.8	-57.575	23.90854	10707622	-1.7E+07	8796074
594.4	906808.3	-57.5659	23.89869	10711089	-1.7E+07	8792658
594.6	906799.7	-57.5569	23.88885	10714555	-1.7E+07	8789242
594.8	906791.2	-57.5479	23.87901	10718020	-1.7E+07	8785825
595	906782.7	-57.5388	23.86916	10721485	-1.7E+07	8782408
595.2	906774.1	-57.5298	23.85932	10724949	-1.7E+07	8778991
595.4	906765.6	-57.5208	23.84947	10728413	-1.7E+07	8775573
595.6	906757	-57.5117	23.83962	10731876	-1.7E+07	8772154
595.8	906748.5	-57.5027	23.82978	10735338	-1.7E+07	8768735
596	906740	-57.4937	23.81993	10738800	-1.7E+07	8765316
596.2	906731.4	-57.4846	23.81008	10742262	-1.7E+07	8761896
596.4	906722.9	-57.4756	23.80023	10745722	-1.7E+07	8758475
596.6	906714.4	-57.4666	23.79038	10749183	-1.7E+07	8755054
596.8	906705.8	-57.4576	23.78053	10752642	-1.7E+07	8751633
597	906697.3	-57.4485	23.77068	10756101	-1.7E+07	8748211
597.2	906688.8	-57.4395	23.76083	10759560	-1.7E+07	8744788
597.4	906680.2	-57.4305	23.75097	10763018	-1.7E+07	8741366
597.6	906671.7	-57.4215	23.74112	10766475	-1.7E+07	8737942
597.8	906663.1	-57.4125	23.73127	10769932	-1.7E+07	8734519
598	906654.6	-57.4035	23.72141	10773388	-1.7E+07	8731094
598.2	906646.1	-57.3945	23.71156	10776844	-1.7E+07	8727669
598.4	906637.5	-57.3854	23.7017	10780299	-1.7E+07	8724244
598.6	906629	-57.3764	23.69185	10783754	-1.7E+07	8720819
598.8	906620.5	-57.3674	23.68199	10787207	-1.7E+07	8717392



599	906611.9	-57.3584	23.67213	10790661	-1.7E+07	8713966
599.2	906603.4	-57.3494	23.66227	10794114	-1.7E+07	8710539
599.4	906594.9	-57.3404	23.65242	10797566	-1.7E+07	8707111
599.6	906586.3	-57.3314	23.64256	10801018	-1.7E+07	8703683
599.8	906577.8	-57.3224	23.6327	10804469	-1.7E+07	8700254
600	906569.3	-57.3134	23.62283	10807919	-1.7E+07	8696825
600.2	906560.7	-57.3044	23.61297	10811369	-1.7E+07	8693396
600.4	906552.2	-57.2954	23.60311	10814819	-1.7E+07	8689966
600.6	906543.7	-57.2864	23.59325	10818268	-1.7E+07	8686536
600.8	906535.2	-57.2774	23.58339	10821716	-1.7E+07	8683105
601	906526.6	-57.2684	23.57352	10825163	-1.7E+07	8679673
601.2	906518.1	-57.2594	23.56366	10828611	-1.7E+07	8676241
601.4	906509.6	-57.2505	23.55379	10832057	-1.7E+07	8672809
601.6	906501	-57.2415	23.54393	10835503	-1.7E+07	8669376
601.8	906492.5	-57.2325	23.53406	10838949	-1.7E+07	8665943
602	906484	-57.2235	23.52419	10842393	-1.7E+07	8662509
602.2	906475.4	-57.2145	23.51432	10845838	-1.7E+07	8659075
602.4	906466.9	-57.2055	23.50446	10849281	-1.7E+07	8655640
602.6	906458.4	-57.1966	23.49459	10852724	-1.7E+07	8652205
602.8	906449.9	-57.1876	23.48472	10856167	-1.7E+07	8648770
603	906441.3	-57.1786	23.47485	10859609	-1.7E+07	8645334
603.2	906432.8	-57.1696	23.46498	10863050	-1.7E+07	8641897
603.4	906424.3	-57.1606	23.45511	10866491	-1.7E+07	8638460
603.6	906415.8	-57.1517	23.44523	10869931	-1.7E+07	8635023
603.8	906407.2	-57.1427	23.43536	10873371	-1.7E+07	8631585
604	906398.7	-57.1337	23.42549	10876810	-1.7E+07	8628146
604.2	906390.2	-57.1248	23.41561	10880249	-1.7E+07	8624707
604.4	906381.6	-57.1158	23.40574	10883687	-1.7E+07	8621268
604.6	906373.1	-57.1068	23.39586	10887124	-1.7E+07	8617828
604.8	906364.6	-57.0979	23.38599	10890561	-1.7E+07	8614388
605	906356.1	-57.0889	23.37611	10893997	-1.7E+07	8610947
605.2	906347.5	-57.0799	23.36623	10897433	-1.7E+07	8607506
605.4	906339	-57.071	23.35636	10900868	-1.7E+07	8604064
605.6	906330.5	-57.062	23.34648	10904302	-1.7E+07	8600622
605.8	906322	-57.0531	23.3366	10907736	-1.7E+07	8597179
606	906313.4	-57.0441	23.32672	10911170	-1.7E+07	8593736
606.2	906304.9	-57.0352	23.31684	10914602	-1.7E+07	8590292
606.4	906296.4	-57.0262	23.30696	10918035	-1.7E+07	8586848
606.6	906287.9	-57.0173	23.29707	10921466	-1.7E+07	8583404
606.8	906279.4	-57.0083	23.28719	10924897	-1.7E+07	8579959
607	906270.8	-56.9994	23.27731	10928328	-1.7E+07	8576513
607.2	906262.3	-56.9904	23.26743	10931758	-1.7E+07	8573068
607.4	906253.8	-56.9815	23.25754	10935187	-1.7E+07	8569621
607.6	906245.3	-56.9725	23.24766	10938616	-1.7E+07	8566174
607.8	906236.8	-56.9636	23.23777	10942044	-1.7E+07	8562727
608	906228.2	-56.9546	23.22789	10945472	-1.7E+07	8559279
608.2	906219.7	-56.9457	23.218	10948899	-1.7E+07	8555831

608.3067	906215.1	-56.9409	23.21274	10950719	-1.7E+07	8553998
608.4	906211.1	-56.9368	23.20813	10952318	-1.7E+07	8552389
608.6	906202.6	-56.9278	23.19824	10955744	-1.7E+07	8548940
608.8	906194.1	-56.9189	23.18836	10959169	-1.7E+07	8545490
609	906185.6	-56.91	23.17847	10962593	-1.7E+07	8542041
609.2	906177.1	-56.901	23.16858	10966017	-1.7E+07	8538590
609.4	906168.5	-56.8921	23.15869	10969440	-1.7E+07	8535140
609.6	906160	-56.8832	23.1488	10972863	-1.7E+07	8531689
609.8	906151.5	-56.8743	23.13891	10976285	-1.7E+07	8528237
610	906143	-56.8653	23.12902	10979706	-1.7E+07	8524785
610.2	906134.5	-56.8564	23.11913	10983127	-1.7E+07	8521332
610.4	906125.9	-56.8475	23.10923	10986547	-1.7E+07	8517879
610.6	906117.4	-56.8386	23.09934	10989967	-1.7E+07	8514426
610.8	906108.9	-56.8296	23.08945	10993386	-1.7E+07	8510972
611	906100.4	-56.8207	23.07955	10996805	-1.7E+07	8507517
611.2	906091.9	-56.8118	23.06966	11000223	-1.7E+07	8504062
611.4	906083.3	-56.8029	23.05976	11003640	-1.7E+07	8500607
611.6	906074.8	-56.794	23.04987	11007057	-1.7E+07	8497151
611.8	906066.3	-56.7851	23.03997	11010473	-1.7E+07	8493695
612	906057.8	-56.7761	23.03007	11013889	-1.7E+07	8490238
612.2	906049.3	-56.7672	23.02017	11017304	-1.7E+07	8486781
612.4	906040.8	-56.7583	23.01027	11020719	-1.7E+07	8483324
612.6	906032.2	-56.7494	23.00038	11024133	-1.7E+07	8479865
612.8	906023.7	-56.7405	22.99048	11027546	-1.7E+07	8476407
613	906015.2	-56.7316	22.98057	11030959	-1.7E+07	8472948
613.2	906006.7	-56.7227	22.97067	11034371	-1.7E+07	8469488
613.4	905998.2	-56.7138	22.96077	11037783	-1.7E+07	8466028
613.6	905989.7	-56.7049	22.95087	11041194	-1.7E+07	8462568
613.8	905981.2	-56.696	22.94097	11044604	-1.7E+07	8459107
614	905972.7	-56.6871	22.93106	11048014	-1.7E+07	8455646
614.2	905964.1	-56.6782	22.92116	11051423	-1.7E+07	8452184
614.4	905955.6	-56.6693	22.91125	11054832	-1.7E+07	8448722
614.6	905947.1	-56.6604	22.90135	11058240	-1.7E+07	8445259
614.8	905938.6	-56.6515	22.89144	11061648	-1.7E+07	8441796
615	905930.1	-56.6426	22.88154	11065055	-1.7E+07	8438332
615.2	905921.5	-56.6338	22.87163	11068461	-1.7E+07	8434868
615.4	905913	-56.6249	22.86172	11071867	-1.7E+07	8431404
615.6	905904.5	-56.616	22.85181	11075272	-1.7E+07	8427939
615.8	905896	-56.6071	22.8419	11078677	-1.7E+07	8424473
616	905887.5	-56.5982	22.83199	11082081	-1.7E+07	8421007
616.2	905878.9	-56.5893	22.82208	11085484	-1.7E+07	8417541
616.4	905870.4	-56.5804	22.81217	11088887	-1.7E+07	8414074
616.6	905861.9	-56.5716	22.80226	11092289	-1.7E+07	8410607
616.8	905853.4	-56.5627	22.79235	11095691	-1.7E+07	8407139
617	905844.8	-56.5538	22.78244	11099092	-1.7E+07	8403671
617.2	905836.3	-56.5449	22.77252	11102493	-1.7E+07	8400202
617.4	905827.8	-56.5361	22.76261	11105893	-1.7E+07	8396733

617.6	905819.3	-56.5272	22.7527	11109292	-1.7E+07	8393264
617.8	905810.7	-56.5183	22.74278	11112691	-1.7E+07	8389794
618	905802.2	-56.5094	22.73286	11116089	-1.7E+07	8386323
618.2	905793.7	-56.5006	22.72295	11119487	-1.7E+07	8382852
618.3067	905789.1	-56.4959	22.71766	11121299	-1.7E+07	8381001
618.4	905785.1	-56.4917	22.71303	11122884	-1.7E+07	8379381
618.6	905776.6	-56.4828	22.70311	11126280	-1.7E+07	8375909
618.8	905768.1	-56.474	22.6932	11129676	-1.7E+07	8372437
619	905759.6	-56.4651	22.68328	11133071	-1.7E+07	8368964
619.2	905751	-56.4563	22.67336	11136466	-1.7E+07	8365491
619.4	905742.5	-56.4474	22.66344	11139860	-1.7E+07	8362017
619.6	905734	-56.4385	22.65352	11143254	-1.7E+07	8358543
619.8	905725.4	-56.4297	22.6436	11146647	-1.7E+07	8355068
620	905716.9	-56.4208	22.63367	11150039	-1.7E+07	8351593
620.2	905708.4	-56.412	22.62375	11153431	-1.7E+07	8348118
620.4	905699.8	-56.4031	22.61383	11156822	-1.7E+07	8344642
620.6	905691.3	-56.3943	22.6039	11160213	-1.7E+07	8341165
620.8	905682.7	-56.3854	22.59398	11163603	-1.7E+07	8337688
621	905674.2	-56.3766	22.58406	11166992	-1.7E+07	8334211
621.2	905665.7	-56.3677	22.57413	11170381	-1.7E+07	8330733
621.4	905657.1	-56.3589	22.5642	11173769	-1.7E+07	8327255
621.6	905648.6	-56.35	22.55428	11177157	-1.7E+07	8323776
621.8	905640.1	-56.3412	22.54435	11180544	-1.7E+07	8320297
622	905631.5	-56.3323	22.53442	11183930	-1.7E+07	8316818
622.2	905623	-56.3235	22.52449	11187316	-1.7E+07	8313338
622.4	905614.5	-56.3147	22.51457	11190701	-1.7E+07	8309857
622.6	905605.9	-56.3058	22.50464	11194086	-1.7E+07	8306376
622.8	905597.4	-56.297	22.49471	11197470	-1.7E+07	8302895
623	905588.8	-56.2882	22.48478	11200854	-1.7E+07	8299413
623.2	905580.3	-56.2793	22.47484	11204237	-1.7E+07	8295931
623.4	905571.8	-56.2705	22.46491	11207619	-1.7E+07	8292448
623.6	905563.2	-56.2617	22.45498	11211001	-1.7E+07	8288965
623.8	905554.7	-56.2528	22.44505	11214382	-1.7E+07	8285481
624	905546.2	-56.244	22.43511	11217763	-1.7E+07	8281997
624.2	905537.6	-56.2352	22.42518	11221143	-1.7E+07	8278513
624.4	905529.1	-56.2264	22.41524	11224522	-1.7E+07	8275028
624.6	905520.5	-56.2175	22.40531	11227901	-1.7E+07	8271542
624.8	905512	-56.2087	22.39537	11231279	-1.7E+07	8268056
625	905503.5	-56.1999	22.38544	11234657	-1.7E+07	8264570
625.2	905494.9	-56.1911	22.3755	11238034	-1.7E+07	8261083
625.4	905486.4	-56.1822	22.36556	11241410	-1.7E+07	8257596
625.6	905477.8	-56.1734	22.35562	11244786	-1.7E+07	8254108
625.8	905469.3	-56.1646	22.34568	11248161	-1.7E+07	8250620
626	905460.8	-56.1558	22.33574	11251536	-1.7E+07	8247132
626.2	905452.2	-56.147	22.3258	11254910	-1.7E+07	8243642
626.4	905443.7	-56.1382	22.31586	11258283	-1.7E+07	8240153
626.6	905435.2	-56.1294	22.30592	11261656	-1.7E+07	8236663

626.8	905426.6	-56.1206	22.29598	11265029	-1.7E+07	8233173
627	905418.1	-56.1117	22.28604	11268400	-1.7E+07	8229682
627.2	905409.5	-56.1029	22.27609	11271772	-1.7E+07	8226191
627.4	905401	-56.0941	22.26615	11275142	-1.7E+07	8222699
627.6	905392.5	-56.0853	22.2562	11278512	-1.7E+07	8219207
627.8	905383.9	-56.0765	22.24626	11281881	-1.7E+07	8215714
628	905375.4	-56.0677	22.23631	11285250	-1.7E+07	8212221
628.2	905366.9	-56.0589	22.22637	11288618	-1.7E+07	8208728
628.4	905358.3	-56.0501	22.21642	11291986	-1.7E+07	8205234
628.6	905349.8	-56.0413	22.20647	11295353	-1.7E+07	8201739
628.8	905341.3	-56.0325	22.19653	11298719	-1.7E+07	8198244
629	905332.7	-56.0237	22.18658	11302085	-1.7E+07	8194749
629.2	905324.2	-56.0149	22.17663	11305450	-1.7E+07	8191253
629.4	905315.7	-56.0062	22.16668	11308815	-1.7E+07	8187757
629.6	905307.1	-55.9974	22.15673	11312179	-1.7E+07	8184260
629.8	905298.6	-55.9886	22.14678	11315542	-1.7E+07	8180763
630	905290.1	-55.9798	22.13683	11318905	-1.7E+07	8177266
630.2	905281.5	-55.971	22.12688	11322267	-1.7E+07	8173768
630.4	905273	-55.9622	22.11692	11325629	-1.7E+07	8170270
630.6	905264.5	-55.9534	22.10697	11328990	-1.7E+07	8166771
630.8	905255.9	-55.9447	22.09702	11332350	-1.7E+07	8163271
631	905247.4	-55.9359	22.08706	11335710	-1.7E+07	8159772
631.2	905238.9	-55.9271	22.07711	11339069	-1.7E+07	8156271
631.4	905230.4	-55.9183	22.06715	11342428	-1.7E+07	8152771
631.6	905221.8	-55.9095	22.0572	11345786	-1.7E+07	8149270
631.8	905213.3	-55.9008	22.04724	11349144	-1.7E+07	8145768
632	905204.8	-55.892	22.03728	11352500	-1.7E+07	8142266
632.2	905196.2	-55.8832	22.02732	11355857	-1.7E+07	8138764
632.4	905187.7	-55.8744	22.01737	11359212	-1.7E+07	8135261
632.6	905179.2	-55.8657	22.00741	11362567	-1.7E+07	8131758
632.8	905170.7	-55.8569	21.99745	11365922	-1.7E+07	8128254
633	905162.1	-55.8481	21.98749	11369276	-1.7E+07	8124750
633.2	905153.6	-55.8394	21.97753	11372629	-1.7E+07	8121245
633.4	905145.1	-55.8306	21.96757	11375982	-1.7E+07	8117740
633.6	905136.5	-55.8218	21.9576	11379334	-1.7E+07	8114235
633.8	905128	-55.8131	21.94764	11382685	-1.7E+07	8110729
634	905119.5	-55.8043	21.93768	11386036	-1.7E+07	8107222
634.2	905111	-55.7956	21.92771	11389386	-1.7E+07	8103716
634.4	905102.4	-55.7868	21.91775	11392736	-1.7E+07	8100208
634.6	905093.9	-55.778	21.90779	11396085	-1.7E+07	8096701
634.8	905085.4	-55.7693	21.89782	11399434	-1.7E+07	8093192
635	905076.9	-55.7605	21.88785	11402782	-1.7E+07	8089684
635.2	905068.4	-55.7518	21.87789	11406129	-1.7E+07	8086175
635.4	905059.8	-55.743	21.86792	11409476	-1.7E+07	8082665
635.6	905051.3	-55.7343	21.85795	11412822	-1.7E+07	8079156
635.8	905042.8	-55.7255	21.84799	11416167	-1.7E+07	8075645
636	905034.3	-55.7168	21.83802	11419512	-1.7E+07	8072134

636.2	905025.7	-55.708	21.82805	11422857	-1.7E+07	8068623
636.4	905017.2	-55.6993	21.81808	11426200	-1.7E+07	8065112
636.6	905008.7	-55.6905	21.80811	11429543	-1.7E+07	8061599
636.8	905000.2	-55.6818	21.79814	11432886	-1.7E+07	8058087
637	904991.7	-55.6731	21.78817	11436228	-1.7E+07	8054574
637.2	904983.1	-55.6643	21.77819	11439569	-1.7E+07	8051061
637.4	904974.6	-55.6556	21.76822	11442910	-1.7E+07	8047547
637.6	904966.1	-55.6468	21.75825	11446250	-1.7E+07	8044032
637.8	904957.6	-55.6381	21.74827	11449589	-1.7E+07	8040518
638	904949.1	-55.6294	21.7383	11452928	-1.7E+07	8037003
638.2	904940.6	-55.6206	21.72832	11456267	-1.7E+07	8033487
638.4	904932	-55.6119	21.71835	11459604	-1.7E+07	8029971
638.6	904923.5	-55.6032	21.70837	11462941	-1.7E+07	8026455
638.8	904915	-55.5945	21.6984	11466278	-1.7E+07	8022938
639	904906.5	-55.5857	21.68842	11469614	-1.7E+07	8019420
639.2	904898	-55.577	21.67844	11472949	-1.7E+07	8015902
639.4	904889.5	-55.5683	21.66846	11476284	-1.7E+07	8012384
639.6	904880.9	-55.5596	21.65848	11479618	-1.7E+07	8008866
639.8	904872.4	-55.5508	21.6485	11482951	-1.7E+07	8005347
640	904863.9	-55.5421	21.63852	11486284	-1.7E+07	8001827
640.2	904855.4	-55.5334	21.62854	11489617	-1.7E+07	7998307
640.4	904846.9	-55.5247	21.61856	11492948	-1.7E+07	7994787
640.6	904838.4	-55.516	21.60858	11496279	-1.7E+07	7991266
640.8	904829.9	-55.5072	21.5986	11499610	-1.7E+07	7987745
641	904821.3	-55.4985	21.58861	11502940	-1.7E+07	7984223
641.2	904812.8	-55.4898	21.57863	11506269	-1.7E+07	7980701
641.4	904804.3	-55.4811	21.56865	11509598	-1.7E+07	7977178
641.6	904795.8	-55.4724	21.55866	11512926	-1.7E+07	7973655
641.8	904787.3	-55.4637	21.54868	11516253	-1.7E+07	7970132
642	904778.8	-55.455	21.53869	11519580	-1.7E+07	7966608
642.2	904770.3	-55.4463	21.52871	11522906	-1.7E+07	7963084
642.4	904761.8	-55.4376	21.51872	11526232	-1.7E+07	7959559
642.6	904753.3	-55.4288	21.50873	11529557	-1.7E+07	7956034
642.8	904744.8	-55.4201	21.49874	11532881	-1.7E+07	7952508
643	904736.2	-55.4114	21.48876	11536205	-1.7E+07	7948982
643.2	904727.7	-55.4027	21.47877	11539528	-1.7E+07	7945456
643.4	904719.2	-55.394	21.46878	11542851	-1.7E+07	7941929
643.6	904710.7	-55.3853	21.45879	11546173	-1.7E+07	7938402
643.8	904702.2	-55.3766	21.4488	11549494	-1.7E+07	7934874
644	904693.7	-55.368	21.4388	11552815	-1.7E+07	7931346
644.2	904685.2	-55.3593	21.42881	11556135	-1.7E+07	7927817
644.4	904676.7	-55.3506	21.41882	11559455	-1.7E+07	7924288
644.6	904668.2	-55.3419	21.40883	11562774	-1.7E+07	7920758
644.8	904659.7	-55.3332	21.39883	11566092	-1.7E+07	7917229
645	904651.2	-55.3245	21.38884	11569410	-1.7E+07	7913698
645.2	904642.7	-55.3158	21.37884	11572727	-1.7E+07	7910167
645.4	904634.2	-55.3071	21.36885	11576044	-1.7E+07	7906636

645.6	904625.7	-55.2984	21.35885	11579360	-1.7E+07	7903105
645.8	904617.2	-55.2898	21.34886	11582675	-1.7E+07	7899573
646	904608.7	-55.2811	21.33886	11585990	-1.7E+07	7896040
646.2	904600.2	-55.2724	21.32886	11589304	-1.7E+07	7892507
646.4	904591.7	-55.2637	21.31887	11592618	-1.7E+07	7888974
646.6	904583.2	-55.255	21.30887	11595931	-1.7E+07	7885440
646.8	904574.7	-55.2464	21.29887	11599243	-1.7E+07	7881906
647	904566.3	-55.2377	21.28887	11602555	-1.7E+07	7878371
647.2	904557.8	-55.229	21.27887	11605866	-1.7E+07	7874836
647.4	904549.3	-55.2203	21.26887	11609176	-1.7E+07	7871301
647.6	904540.8	-55.2117	21.25887	11612486	-1.7E+07	7867765
647.8	904532.3	-55.203	21.24886	11615795	-1.7E+07	7864228
648	904523.8	-55.1943	21.23886	11619104	-1.7E+07	7860692
648.2	904515.3	-55.1856	21.22886	11622412	-1.7E+07	7857154
648.4	904506.8	-55.177	21.21886	11625720	-1.7E+07	7853617
648.6	904498.3	-55.1683	21.20885	11629027	-1.7E+07	7850079
648.8	904489.9	-55.1597	21.19885	11632333	-1.7E+07	7846540
649	904481.4	-55.151	21.18884	11635638	-1.7E+07	7843001
649.2	904472.9	-55.1423	21.17884	11638943	-1.7E+07	7839462
649.4	904464.4	-55.1337	21.16883	11642248	-1.7E+07	7835922
649.6	904455.9	-55.125	21.15882	11645552	-1.7E+07	7832382
649.8	904447.4	-55.1163	21.14882	11648855	-1.7E+07	7828841
650	904438.9	-55.1077	21.13881	11652157	-1.7E+07	7825300
650.2	904430.5	-55.099	21.1288	11655459	-1.7E+07	7821759
650.4	904422	-55.0904	21.11879	11658761	-1.7E+07	7818217
650.6	904413.5	-55.0817	21.10878	11662061	-1.7E+07	7814675
650.8	904405	-55.0731	21.09877	11665362	-1.7E+07	7811132
651	904396.5	-55.0644	21.08876	11668661	-1.7E+07	7807589
651.2	904388	-55.0558	21.07875	11671960	-1.7E+07	7804045
651.4	904379.5	-55.0471	21.06874	11675258	-1.7E+07	7800501
651.6	904371.1	-55.0385	21.05872	11678556	-1.7E+07	7796957
651.8	904362.6	-55.0298	21.04871	11681853	-1.7E+07	7793412
652	904354.1	-55.0212	21.0387	11685150	-1.7E+07	7789866
652.2	904345.6	-55.0125	21.02868	11688446	-1.7E+07	7786321
652.4	904337.1	-55.0039	21.01867	11691741	-1.7E+07	7782775
652.6	904328.6	-54.9953	21.00865	11695035	-1.7E+07	7779228
652.8	904320.2	-54.9866	20.99864	11698329	-1.7E+07	7775681
653	904311.7	-54.978	20.98862	11701623	-1.7E+07	7772134
653.2	904303.2	-54.9693	20.97861	11704916	-1.7E+07	7768586
653.4	904294.7	-54.9607	20.96859	11708208	-1.7E+07	7765038
653.6	904286.2	-54.9521	20.95857	11711499	-1.7E+07	7761489
653.8	904277.7	-54.9434	20.94855	11714790	-1.7E+07	7757940
654	904269.2	-54.9348	20.93853	11718081	-1.7E+07	7754390
654.2	904260.8	-54.9262	20.92851	11721370	-1.7E+07	7750840
654.4	904252.3	-54.9176	20.9185	11724660	-1.7E+07	7747290
654.6	904243.8	-54.9089	20.90847	11727948	-1.7E+07	7743739
654.8	904235.3	-54.9003	20.89845	11731236	-1.7E+07	7740188

655	904226.8	-54.8917	20.88843	11734523	-1.7E+07	7736636
655.2	904218.3	-54.883	20.87841	11737810	-1.7E+07	7733084
655.4	904209.9	-54.8744	20.86839	11741096	-1.7E+07	7729532
655.6	904201.4	-54.8658	20.85836	11744381	-1.7E+07	7725979
655.8	904192.9	-54.8572	20.84834	11747666	-1.7E+07	7722425
656	904184.4	-54.8486	20.83832	11750950	-1.7E+07	7718872
656.2	904175.9	-54.8399	20.82829	11754234	-1.7E+07	7715318
656.4	904167.4	-54.8313	20.81827	11757517	-1.7E+07	7711763
656.6	904159	-54.8227	20.80824	11760799	-1.7E+07	7708208
656.8	904150.5	-54.8141	20.79821	11764081	-1.7E+07	7704653
657	904142	-54.8055	20.78819	11767362	-1.7E+07	7701097
657.2	904133.5	-54.7969	20.77816	11770643	-1.7E+07	7697540
657.4	904125	-54.7883	20.76813	11773923	-1.7E+07	7693984
657.6	904116.6	-54.7797	20.7581	11777202	-1.7E+07	7690427
657.8	904108.1	-54.771	20.74807	11780481	-1.7E+07	7686869
658	904099.6	-54.7624	20.73804	11783759	-1.7E+07	7683311
658.2	904091.1	-54.7538	20.72801	11787036	-1.7E+07	7679753
658.4	904082.6	-54.7452	20.71798	11790313	-1.7E+07	7676194
658.6	904074.2	-54.7366	20.70795	11793589	-1.7E+07	7672635
658.8	904065.7	-54.728	20.69792	11796865	-1.7E+07	7669075
659	904057.2	-54.7194	20.68789	11800140	-1.7E+07	7665515
659.2	904048.7	-54.7108	20.67786	11803414	-1.7E+07	7661955
659.4	904040.3	-54.7022	20.66782	11806688	-1.7E+07	7658394
659.6	904031.8	-54.6936	20.65779	11809961	-1.7E+07	7654833
659.8	904023.3	-54.685	20.64775	11813233	-1.7E+07	7651271
660	904014.8	-54.6764	20.63772	11816505	-1.7E+07	7647709
660.2	904006.4	-54.6678	20.62768	11819776	-1.7E+07	7644146
660.4	903997.9	-54.6593	20.61765	11823047	-1.7E+07	7640583
660.6	903989.4	-54.6507	20.60761	11826317	-1.7E+07	7637020
660.8	903980.9	-54.6421	20.59757	11829586	-1.7E+07	7633456
661	903972.5	-54.6335	20.58754	11832855	-1.7E+07	7629892
661.2	903964	-54.6249	20.5775	11836123	-1.7E+07	7626327
661.4	903955.5	-54.6163	20.56746	11839391	-1.7E+07	7622762
661.6	903947	-54.6077	20.55742	11842658	-1.7E+07	7619197
661.8	903938.6	-54.5991	20.54738	11845924	-1.7E+07	7615631
662	903930.1	-54.5906	20.53734	11849190	-1.7E+07	7612065
662.2	903921.6	-54.582	20.5273	11852455	-1.7E+07	7608498
662.4	903913.1	-54.5734	20.51726	11855719	-1.7E+07	7604931
662.6	903904.7	-54.5648	20.50722	11858983	-1.7E+07	7601364
662.8	903896.2	-54.5562	20.49718	11862246	-1.7E+07	7597796
663	903887.7	-54.5477	20.48713	11865509	-1.7E+07	7594227
663.2	903879.3	-54.5391	20.47709	11868771	-1.7E+07	7590659
663.4	903870.8	-54.5305	20.46705	11872032	-1.7E+07	7587090
663.6	903862.3	-54.5219	20.457	11875293	-1.7E+07	7583520
663.8	903853.9	-54.5134	20.44696	11878553	-1.7E+07	7579950
664	903845.4	-54.5048	20.43691	11881813	-1.7E+07	7576380
664.2	903836.9	-54.4962	20.42686	11885072	-1.7E+07	7572809

664.4	903828.5	-54.4877	20.41682	11888330	-1.7E+07	7569238
664.6	903820	-54.4791	20.40677	11891587	-1.7E+07	7565666
664.8	903811.5	-54.4705	20.39672	11894844	-1.7E+07	7562094
665	903803.1	-54.462	20.38668	11898101	-1.7E+07	7558521
665.2	903794.6	-54.4534	20.37663	11901357	-1.7E+07	7554949
665.4	903786.1	-54.4448	20.36658	11904612	-1.7E+07	7551375
665.6	903777.7	-54.4363	20.35653	11907866	-1.7E+07	7547802
665.8	903769.2	-54.4277	20.34648	11911120	-1.7E+07	7544228
666	903760.7	-54.4192	20.33643	11914373	-1.7E+07	7540653
666.2	903752.3	-54.4106	20.32638	11917626	-1.7E+07	7537078
666.4	903743.8	-54.4021	20.31632	11920878	-1.7E+07	7533503
666.6	903735.3	-54.3935	20.30627	11924129	-1.7E+07	7529927
666.8	903726.9	-54.3849	20.29622	11927380	-1.7E+07	7526351
667	903718.4	-54.3764	20.28617	11930630	-1.7E+07	7522774
667.2	903710	-54.3678	20.27611	11933880	-1.7E+07	7519197
667.4	903701.5	-54.3593	20.26606	11937129	-1.7E+07	7515620
667.6	903693	-54.3507	20.256	11940377	-1.7E+07	7512042
667.8	903684.6	-54.3422	20.24595	11943625	-1.7E+07	7508464
668	903676.1	-54.3337	20.23589	11946872	-1.7E+07	7504885
668.2	903667.7	-54.3251	20.22584	11950118	-1.7E+07	7501306
668.4	903659.2	-54.3166	20.21578	11953364	-1.7E+07	7497727
668.6	903650.8	-54.308	20.20572	11956609	-1.7E+07	7494147
668.8	903642.3	-54.2995	20.19566	11959854	-1.7E+07	7490567
669	903633.8	-54.2909	20.18561	11963098	-1.7E+07	7486986
669.2	903625.4	-54.2824	20.17555	11966341	-1.7E+07	7483405
669.4	903616.9	-54.2739	20.16549	11969583	-1.7E+07	7479824
669.6	903608.5	-54.2653	20.15543	11972825	-1.7E+07	7476242
669.8	903600	-54.2568	20.14537	11976067	-1.7E+07	7472660
670	903591.6	-54.2483	20.13531	11979308	-1.7E+07	7469077
670.2	903583.1	-54.2397	20.12524	11982548	-1.7E+07	7465494
670.4	903574.7	-54.2312	20.11518	11985787	-1.7E+07	7461910
670.6	903566.2	-54.2227	20.10512	11989026	-1.7E+07	7458327
670.8	903557.8	-54.2141	20.09506	11992265	-1.7E+07	7454742
671	903549.3	-54.2056	20.08499	11995502	-1.7E+07	7451158
671.2	903540.9	-54.1971	20.07493	11998739	-1.7E+07	7447572
671.4	903532.4	-54.1886	20.06486	12001976	-1.7E+07	7443987
671.6	903524	-54.18	20.0548	12005211	-1.7E+07	7440401
671.8	903515.5	-54.1715	20.04473	12008447	-1.7E+07	7436815
672	903507.1	-54.163	20.03467	12011681	-1.7E+07	7433228
672.2	903498.6	-54.1545	20.0246	12014915	-1.7E+07	7429641
672.4	903490.2	-54.1459	20.01453	12018148	-1.7E+07	7426053
672.6	903481.7	-54.1374	20.00447	12021381	-1.7E+07	7422465
672.8	903473.3	-54.1289	19.9944	12024613	-1.7E+07	7418877
673	903464.8	-54.1204	19.98433	12027844	-1.7E+07	7415288
673.2	903456.4	-54.1119	19.97426	12031075	-1.7E+07	7411699
673.4	903448	-54.1034	19.96419	12034305	-1.7E+07	7408110
673.6	903439.5	-54.0949	19.95412	12037535	-1.7E+07	7404520



673.8	903431.1	-54.0863	19.94405	12040763	-1.7E+07	7400929
674	903422.6	-54.0778	19.93398	12043992	-1.7E+07	7397339
674.2	903414.2	-54.0693	19.92391	12047219	-1.7E+07	7393747
674.4	903405.8	-54.0608	19.91383	12050446	-1.7E+07	7390156
674.6	903397.3	-54.0523	19.90376	12053673	-1.7E+07	7386564
674.8	903388.9	-54.0438	19.89369	12056898	-1.7E+07	7382972
675	903380.4	-54.0353	19.88361	12060123	-1.7E+07	7379379
675.2	903372	-54.0268	19.87354	12063348	-1.7E+07	7375786
675.4	903363.6	-54.0183	19.86347	12066572	-1.7E+07	7372192
675.6	903355.1	-54.0098	19.85339	12069795	-1.7E+07	7368598
675.8	903346.7	-54.0013	19.84332	12073018	-1.7E+07	7365004
676	903338.3	-53.9928	19.83324	12076239	-1.7E+07	7361409
676.2	903329.8	-53.9843	19.82316	12079461	-1.7E+07	7357814
676.4	903321.4	-53.9758	19.81308	12082681	-1.7E+07	7354218
676.6	903313	-53.9673	19.80301	12085902	-1.7E+07	7350622
676.8	903304.5	-53.9588	19.79293	12089121	-1.7E+07	7347026
677	903296.1	-53.9503	19.78285	12092340	-1.7E+07	7343429
677.2	903287.7	-53.9418	19.77277	12095558	-1.7E+07	7339832
677.4	903279.2	-53.9333	19.76269	12098775	-1.7E+07	7336234
677.6	903270.8	-53.9248	19.75261	12101992	-1.7E+07	7332636
677.8	903262.4	-53.9164	19.74253	12105209	-1.7E+07	7329038
678	903254	-53.9079	19.73245	12108424	-1.7E+07	7325439
678.2	903245.5	-53.8994	19.72237	12111639	-1.7E+07	7321840
678.4	903237.1	-53.8909	19.71228	12114854	-1.7E+07	7318240
678.6	903228.7	-53.8824	19.7022	12118067	-1.7E+07	7314640
678.8	903220.3	-53.8739	19.69212	12121280	-1.7E+07	7311040
679	903211.8	-53.8655	19.68203	12124493	-1.7E+07	7307439
679.2	903203.4	-53.857	19.67195	12127705	-1.7E+07	7303838
679.4	903195	-53.8485	19.66187	12130916	-1.7E+07	7300237
679.6	903186.6	-53.84	19.65178	12134127	-1.7E+07	7296635
679.8	903178.1	-53.8315	19.64169	12137336	-1.7E+07	7293032
680	903169.7	-53.8231	19.63161	12140546	-1.7E+07	7289430
680.2	903161.3	-53.8146	19.62152	12143754	-1.7E+07	7285826
680.4	903152.9	-53.8061	19.61143	12146962	-1.7E+07	7282223
680.6	903144.5	-53.7976	19.60135	12150170	-1.7E+07	7278619
680.8	903136	-53.7892	19.59126	12153377	-1.7E+07	7275015
681	903127.6	-53.7807	19.58117	12156583	-1.7E+07	7271410
681.2	903119.2	-53.7722	19.57108	12159788	-1.7E+07	7267805
681.4	903110.8	-53.7638	19.56099	12162993	-1.7E+07	7264199
681.6	903102.4	-53.7553	19.5509	12166197	-1.7E+07	7260593
681.8	903094	-53.7468	19.54081	12169401	-1.7E+07	7256987
682	903085.6	-53.7384	19.53072	12172604	-1.7E+07	7253380
682.2	903077.1	-53.7299	19.52063	12175806	-1.7E+07	7249773
682.4	903068.7	-53.7214	19.51053	12179008	-1.7E+07	7246166
682.6	903060.3	-53.713	19.50044	12182209	-1.7E+07	7242558
682.8	903051.9	-53.7045	19.49035	12185410	-1.7E+07	7238950
683	903043.5	-53.6961	19.48026	12188609	-1.7E+07	7235341

683.2	903035.1	-53.6876	19.47016	12191808	-1.7E+07	7231732
683.4	903026.7	-53.6792	19.46007	12195007	-1.7E+07	7228123
683.6	903018.3	-53.6707	19.44997	12198205	-1.7E+07	7224513
683.8	903009.9	-53.6622	19.43988	12201402	-1.7E+07	7220902
684	903001.5	-53.6538	19.42978	12204599	-1.7E+07	7217292
684.2	902993	-53.6453	19.41968	12207795	-1.7E+07	7213681
684.4	902984.6	-53.6369	19.40959	12210990	-1.7E+07	7210069
684.6	902976.2	-53.6284	19.39949	12214185	-1.7E+07	7206458
684.8	902967.8	-53.62	19.38939	12217379	-1.7E+07	7202845
685	902959.4	-53.6116	19.37929	12220572	-1.7E+07	7199233
685.2	902951	-53.6031	19.36919	12223765	-1.7E+07	7195620
685.4	902942.6	-53.5947	19.35909	12226957	-1.7E+07	7192006
685.6	902934.2	-53.5862	19.34899	12230149	-1.7E+07	7188393
685.8	902925.8	-53.5778	19.33889	12233340	-1.7E+07	7184778
686	902917.4	-53.5693	19.32879	12236530	-1.7E+07	7181164
686.2	902909	-53.5609	19.31869	12239719	-1.7E+07	7177549
686.4	902900.6	-53.5525	19.30859	12242908	-1.7E+07	7173934
686.6	902892.2	-53.544	19.29849	12246097	-1.7E+07	7170318
686.8	902883.8	-53.5356	19.28838	12249284	-1.7E+07	7166702
687	902875.4	-53.5271	19.27828	12252471	-1.7E+07	7163085
687.2	902867	-53.5187	19.26818	12255658	-1.7E+07	7159468
687.4	902858.7	-53.5103	19.25807	12258844	-1.7E+07	7155851
687.6	902850.3	-53.5018	19.24797	12262029	-1.7E+07	7152233
687.8	902841.9	-53.4934	19.23786	12265213	-1.7E+07	7148615
688	902833.5	-53.485	19.22775	12268397	-1.7E+07	7144997
688.2	902825.1	-53.4766	19.21765	12271580	-1.7E+07	7141378
688.4	902816.7	-53.4681	19.20754	12274763	-1.7E+07	7137759
688.6	902808.3	-53.4597	19.19743	12277945	-1.7E+07	7134139
688.8	902799.9	-53.4513	19.18733	12281126	-1.7E+07	7130519
689	902791.5	-53.4429	19.17722	12284307	-1.7E+07	7126899
689.2	902783.1	-53.4344	19.16711	12287487	-1.7E+07	7123278
689.4	902774.8	-53.426	19.157	12290666	-1.7E+07	7119657
689.6	902766.4	-53.4176	19.14689	12293845	-1.7E+07	7116035
689.8	902758	-53.4092	19.13678	12297023	-1.7E+07	7112414
690	902749.6	-53.4008	19.12667	12300200	-1.7E+07	7108791
690.2	902741.2	-53.3923	19.11656	12303377	-1.7E+07	7105168
690.4	902732.8	-53.3839	19.10645	12306553	-1.7E+07	7101545
690.6	902724.5	-53.3755	19.09633	12309729	-1.7E+07	7097922
690.8	902716.1	-53.3671	19.08622	12312904	-1.7E+07	7094298
691	902707.7	-53.3587	19.07611	12316078	-1.7E+07	7090674
691.2	902699.3	-53.3503	19.066	12319252	-1.7E+07	7087049
691.4	902691	-53.3419	19.05588	12322425	-1.7E+07	7083424
691.6	902682.6	-53.3334	19.04577	12325597	-1.7E+07	7079799
691.8	902674.2	-53.325	19.03565	12328769	-1.7E+07	7076173
692	902665.8	-53.3166	19.02554	12331940	-1.7E+07	7072547
692.2	902657.4	-53.3082	19.01542	12335110	-1.7E+07	7068920
692.4	902649.1	-53.2998	19.0053	12338280	-1.7E+07	7065293

692.6	902640.7	-53.2914	18.99519	12341449	-1.7E+07	7061666
692.8	902632.3	-53.283	18.98507	12344617	-1.7E+07	7058038
693	902624	-53.2746	18.97495	12347785	-1.7E+07	7054410
693.2	902615.6	-53.2662	18.96483	12350952	-1.7E+07	7050782
693.4	902607.2	-53.2578	18.95471	12354119	-1.7E+07	7047153
693.6	902598.8	-53.2494	18.9446	12357285	-1.7E+07	7043523
693.8	902590.5	-53.241	18.93448	12360450	-1.7E+07	7039894
694	902582.1	-53.2326	18.92436	12363615	-1.7E+07	7036264
694.2	902573.7	-53.2242	18.91424	12366779	-1.7E+07	7032633
694.4	902565.4	-53.2158	18.90411	12369942	-1.7E+07	7029003
694.6	902557	-53.2074	18.89399	12373105	-1.7E+07	7025371
694.8	902548.6	-53.199	18.88387	12376267	-1.7E+07	7021740
695	902540.3	-53.1907	18.87375	12379428	-1.7E+07	7018108
695.2	902531.9	-53.1823	18.86362	12382589	-1.7E+07	7014476
695.4	902523.6	-53.1739	18.8535	12385749	-1.7E+07	7010843
695.6	902515.2	-53.1655	18.84338	12388908	-1.7E+07	7007210
695.8	902506.8	-53.1571	18.83325	12392067	-1.7E+07	7003576
696	902498.5	-53.1487	18.82313	12395225	-1.7E+07	6999943
696.2	902490.1	-53.1403	18.813	12398383	-1.7E+07	6996308
696.4	902481.8	-53.1319	18.80288	12401540	-1.7E+07	6992674
696.6	902473.4	-53.1236	18.79275	12404696	-1.7E+07	6989039
696.8	902465	-53.1152	18.78262	12407852	-1.7E+07	6985403
697	902456.7	-53.1068	18.7725	12411007	-1.7E+07	6981768
697.2	902448.3	-53.0984	18.76237	12414161	-1.7E+07	6978132
697.4	902440	-53.09	18.75224	12417314	-1.7E+07	6974495
697.6	902431.6	-53.0817	18.74211	12420467	-1.7E+07	6970858
697.8	902423.3	-53.0733	18.73198	12423620	-1.7E+07	6967221
698	902414.9	-53.0649	18.72185	12426772	-1.7E+07	6963583
698.2	902406.6	-53.0565	18.71172	12429923	-1.7E+07	6959945
698.4	902398.2	-53.0482	18.70159	12433073	-1.7E+07	6956307
698.6	902389.9	-53.0398	18.69146	12436223	-1.7E+07	6952668
698.8	902381.5	-53.0314	18.68133	12439372	-1.7E+07	6949029
699	902373.2	-53.0231	18.6712	12442520	-1.7E+07	6945390
699.2	902364.8	-53.0147	18.66106	12445668	-1.7E+07	6941750
699.4	902356.5	-53.0063	18.65093	12448815	-1.7E+07	6938109
699.6	902348.1	-52.998	18.6408	12451962	-1.7E+07	6934469
699.8	902339.8	-52.9896	18.63066	12455108	-1.7E+07	6930828
700	902331.5	-52.9812	18.62053	12458253	-1.7E+07	6927186
700.2	902323.1	-52.9729	18.6104	12461398	-1.7E+07	6923544
700.4	902314.8	-52.9645	18.60026	12464541	-1.7E+07	6919902
700.6	902306.4	-52.9562	18.59012	12467685	-1.7E+07	6916260
700.8	902298.1	-52.9478	18.57999	12470827	-1.7E+07	6912617
701	902289.8	-52.9394	18.56985	12473969	-1.7E+07	6908974
701.2	902281.4	-52.9311	18.55971	12477111	-1.7E+07	6905330
701.4	902273.1	-52.9227	18.54958	12480251	-1.7E+07	6901686
701.6	902264.8	-52.9144	18.53944	12483391	-1.7E+07	6898041
701.8	902256.4	-52.906	18.5293	12486531	-1.7E+07	6894397

702	902248.1	-52.8977	18.51916	12489670	-1.7E+07	6890751
702.2	902239.8	-52.8893	18.50902	12492808	-1.7E+07	6887106
702.4	902231.4	-52.881	18.49888	12495945	-1.7E+07	6883460
702.6	902223.1	-52.8726	18.48874	12499082	-1.7E+07	6879814
702.8	902214.8	-52.8643	18.4786	12502218	-1.7E+07	6876167
703	902206.4	-52.8559	18.46846	12505354	-1.7E+07	6872520
703.2	902198.1	-52.8476	18.45832	12508488	-1.7E+07	6868873
703.4	902189.8	-52.8392	18.44818	12511623	-1.7E+07	6865225
703.6	902181.5	-52.8309	18.43803	12514756	-1.7E+07	6861577
703.8	902173.1	-52.8225	18.42789	12517889	-1.7E+07	6857928
704	902164.8	-52.8142	18.41775	12521021	-1.7E+07	6854279
704.2	902156.5	-52.8059	18.4076	12524153	-1.7E+07	6850630
704.4	902148.2	-52.7975	18.39746	12527284	-1.7E+07	6846980
704.6	902139.8	-52.7892	18.38731	12530414	-1.7E+07	6843330
704.8	902131.5	-52.7808	18.37717	12533544	-1.7E+07	6839680
705	902123.2	-52.7725	18.36702	12536673	-1.7E+07	6836029
705.2	902114.9	-52.7642	18.35688	12539801	-1.6E+07	6832378
705.4	902106.6	-52.7558	18.34673	12542929	-1.6E+07	6828726
705.6	902098.2	-52.7475	18.33658	12546056	-1.6E+07	6825075
705.8	902089.9	-52.7392	18.32643	12549182	-1.6E+07	6821422
706	902081.6	-52.7308	18.31629	12552308	-1.6E+07	6817770
706.2	902073.3	-52.7225	18.30614	12555433	-1.6E+07	6814117
706.4	902065	-52.7142	18.29599	12558557	-1.6E+07	6810463
706.6	902056.7	-52.7058	18.28584	12561681	-1.6E+07	6806810
706.8	902048.4	-52.6975	18.27569	12564804	-1.6E+07	6803155
707	902040.1	-52.6892	18.26554	12567927	-1.6E+07	6799501
707.2	902031.7	-52.6809	18.25539	12571048	-1.6E+07	6795846
707.4	902023.4	-52.6725	18.24524	12574169	-1.6E+07	6792191
707.6	902015.1	-52.6642	18.23509	12577290	-1.6E+07	6788535
707.8	902006.8	-52.6559	18.22493	12580410	-1.6E+07	6784879
708	901998.5	-52.6476	18.21478	12583529	-1.6E+07	6781223
708.2	901990.2	-52.6393	18.20463	12586648	-1.6E+07	6777566
708.4	901981.9	-52.6309	18.19447	12589765	-1.6E+07	6773909
708.6	901973.6	-52.6226	18.18432	12592883	-1.6E+07	6770252
708.8	901965.3	-52.6143	18.17417	12595999	-1.6E+07	6766594
709	901957	-52.606	18.16401	12599115	-1.6E+07	6762936
709.2	901948.7	-52.5977	18.15386	12602230	-1.6E+07	6759277
709.4	901940.4	-52.5894	18.1437	12605345	-1.6E+07	6755618
709.6	901932.1	-52.5811	18.13354	12608459	-1.6E+07	6751959
709.8	901923.8	-52.5727	18.12339	12611572	-1.6E+07	6748299
710	901915.5	-52.5644	18.11323	12614685	-1.6E+07	6744639
710.2	901907.2	-52.5561	18.10307	12617797	-1.6E+07	6740979
710.4	901898.9	-52.5478	18.09291	12620908	-1.6E+07	6737318
710.6	901890.6	-52.5395	18.08276	12624019	-1.6E+07	6733657
710.8	901882.3	-52.5312	18.0726	12627129	-1.6E+07	6729996
711	901874	-52.5229	18.06244	12630238	-1.6E+07	6726334
711.2	901865.8	-52.5146	18.05228	12633347	-1.6E+07	6722672

711.4	901857.5	-52.5063	18.04212	12636455	-1.6E+07	6719009
711.6	901849.2	-52.498	18.03196	12639562	-1.6E+07	6715346
711.8	901840.9	-52.4897	18.0218	12642669	-1.6E+07	6711683
712	901832.6	-52.4814	18.01163	12645775	-1.6E+07	6708019
712.2	901824.3	-52.4731	18.00147	12648881	-1.6E+07	6704355
712.4	901816	-52.4648	17.99131	12651985	-1.6E+07	6700691
712.6	901807.7	-52.4565	17.98115	12655089	-1.6E+07	6697026
712.8	901799.5	-52.4482	17.97098	12658193	-1.6E+07	6693361
713	901791.2	-52.4399	17.96082	12661296	-1.6E+07	6689695
713.2	901782.9	-52.4316	17.95066	12664398	-1.6E+07	6686030
713.4	901774.6	-52.4233	17.94049	12667499	-1.6E+07	6682363
713.6	901766.3	-52.415	17.93033	12670600	-1.6E+07	6678697
713.8	901758.1	-52.4067	17.92016	12673700	-1.6E+07	6675030
714	901749.8	-52.3984	17.90999	12676800	-1.6E+07	6671363
714.2	901741.5	-52.3902	17.89983	12679899	-1.6E+07	6667695
714.4	901733.2	-52.3819	17.88966	12682997	-1.6E+07	6664027
714.6	901725	-52.3736	17.87949	12686094	-1.6E+07	6660358
714.8	901716.7	-52.3653	17.86933	12689191	-1.6E+07	6656690
715	901708.4	-52.357	17.85916	12692287	-1.6E+07	6653021
715.2	901700.1	-52.3487	17.84899	12695383	-1.6E+07	6649351
715.4	901691.9	-52.3405	17.83882	12698478	-1.6E+07	6645681
715.6	901683.6	-52.3322	17.82865	12701572	-1.6E+07	6642011
715.8	901675.3	-52.3239	17.81848	12704665	-1.6E+07	6638341
716	901667.1	-52.3156	17.80831	12707758	-1.6E+07	6634670
716.2	901658.8	-52.3073	17.79814	12710851	-1.6E+07	6630998
716.4	901650.5	-52.2991	17.78797	12713942	-1.6E+07	6627327
716.6	901642.3	-52.2908	17.7778	12717033	-1.6E+07	6623655
716.8	901634	-52.2825	17.76762	12720123	-1.6E+07	6619982
717	901625.7	-52.2742	17.75745	12723213	-1.6E+07	6616310
717.2	901617.5	-52.266	17.74728	12726302	-1.6E+07	6612636
717.4	901609.2	-52.2577	17.7371	12729390	-1.6E+07	6608963
717.6	901601	-52.2494	17.72693	12732478	-1.6E+07	6605289
717.8	901592.7	-52.2411	17.71676	12735565	-1.6E+07	6601615
718	901584.4	-52.2329	17.70658	12738651	-1.6E+07	6597941
718.2	901576.2	-52.2246	17.69641	12741737	-1.6E+07	6594266
718.4	901567.9	-52.2163	17.68623	12744822	-1.6E+07	6590590
718.6	901559.7	-52.2081	17.67605	12747906	-1.6E+07	6586915
718.8	901551.4	-52.1998	17.66588	12750990	-1.6E+07	6583239
719	901543.2	-52.1915	17.6557	12754073	-1.6E+07	6579563
719.2	901534.9	-52.1833	17.64552	12757155	-1.6E+07	6575886
719.4	901526.7	-52.175	17.63534	12760237	-1.6E+07	6572209
719.6	901518.4	-52.1668	17.62517	12763318	-1.6E+07	6568531
719.8	901510.2	-52.1585	17.61499	12766398	-1.6E+07	6564854
720	901501.9	-52.1502	17.60481	12769478	-1.6E+07	6561176
720.2	901493.7	-52.142	17.59463	12772557	-1.6E+07	6557497
720.4	901485.4	-52.1337	17.58445	12775635	-1.6E+07	6553818
720.6	901477.2	-52.1255	17.57427	12778713	-1.6E+07	6550139

720.8	901468.9	-52.1172	17.56409	12781790	-1.6E+07	6546460
721	901460.7	-52.109	17.55391	12784866	-1.6E+07	6542780
721.2	901452.5	-52.1007	17.54372	12787942	-1.6E+07	6539099
721.4	901444.2	-52.0925	17.53354	12791017	-1.6E+07	6535419
721.6	901436	-52.0842	17.52336	12794091	-1.6E+07	6531738
721.8	901427.7	-52.076	17.51318	12797165	-1.6E+07	6528057
722	901419.5	-52.0677	17.50299	12800238	-1.6E+07	6524375
722.2	901411.3	-52.0595	17.49281	12803310	-1.6E+07	6520693
722.4	901403	-52.0512	17.48262	12806382	-1.6E+07	6517011
722.6	901394.8	-52.043	17.47244	12809453	-1.6E+07	6513328
722.8	901386.6	-52.0347	17.46225	12812524	-1.6E+07	6509645
723	901378.3	-52.0265	17.45207	12815593	-1.6E+07	6505961
723.2	901370.1	-52.0182	17.44188	12818662	-1.6E+07	6502278
723.4	901361.9	-52.01	17.4317	12821731	-1.6E+07	6498593
723.6	901353.6	-52.0018	17.42151	12824798	-1.6E+07	6494909
723.8	901345.4	-51.9935	17.41132	12827866	-1.6E+07	6491224
724	901337.2	-51.9853	17.40113	12830932	-1.6E+07	6487539
724.2	901329	-51.977	17.39095	12833998	-1.6E+07	6483853
724.4	901320.7	-51.9688	17.38076	12837063	-1.6E+07	6480167
724.6	901312.5	-51.9606	17.37057	12840127	-1.6E+07	6476481
724.8	901304.3	-51.9523	17.36038	12843191	-1.6E+07	6472795
725	901296.1	-51.9441	17.35019	12846254	-1.6E+07	6469108
725.2	901287.9	-51.9359	17.34	12849316	-1.6E+07	6465420
725.4	901279.6	-51.9276	17.32981	12852378	-1.6E+07	6461733
725.6	901271.4	-51.9194	17.31962	12855439	-1.6E+07	6458045
725.8	901263.2	-51.9112	17.30943	12858499	-1.6E+07	6454356
726	901255	-51.903	17.29923	12861559	-1.6E+07	6450667
726.2	901246.8	-51.8947	17.28904	12864618	-1.6E+07	6446978
726.4	901238.6	-51.8865	17.27885	12867677	-1.6E+07	6443289
726.6	901230.3	-51.8783	17.26865	12870734	-1.6E+07	6439599
726.8	901222.1	-51.87	17.25846	12873791	-1.6E+07	6435909
727	901213.9	-51.8618	17.24827	12876848	-1.6E+07	6432219
727.2	901205.7	-51.8536	17.23807	12879904	-1.6E+07	6428528
727.4	901197.5	-51.8454	17.22788	12882959	-1.6E+07	6424837
727.6	901189.3	-51.8372	17.21768	12886013	-1.6E+07	6421145
727.8	901181.1	-51.8289	17.20749	12889067	-1.6E+07	6417453
728	901172.9	-51.8207	17.19729	12892120	-1.6E+07	6413761
728.2	901164.7	-51.8125	17.18709	12895172	-1.6E+07	6410068
728.4	901156.5	-51.8043	17.1769	12898224	-1.6E+07	6406375
728.6	901148.3	-51.7961	17.1667	12901275	-1.6E+07	6402682
728.8	901140.1	-51.7879	17.1565	12904325	-1.6E+07	6398989
729	901131.9	-51.7796	17.1463	12907375	-1.6E+07	6395295
729.2	901123.7	-51.7714	17.1361	12910424	-1.6E+07	6391600
729.4	901115.5	-51.7632	17.1259	12913472	-1.6E+07	6387906
729.6	901107.3	-51.755	17.1157	12916520	-1.6E+07	6384211
729.8	901099.1	-51.7468	17.1055	12919567	-1.6E+07	6380515
730	901090.9	-51.7386	17.0953	12922614	-1.6E+07	6376820

730.2	901082.7	-51.7304	17.0851	12925659	-1.6E+07	6373124
730.4	901074.5	-51.7222	17.0749	12928704	-1.6E+07	6369427
730.6	901066.3	-51.714	17.0647	12931749	-1.6E+07	6365730
730.8	901058.1	-51.7058	17.0545	12934792	-1.6E+07	6362033
731	901049.9	-51.6976	17.0443	12937835	-1.6E+07	6358336
731.2	901041.7	-51.6894	17.03409	12940878	-1.6E+07	6354638
731.4	901033.6	-51.6812	17.02389	12943919	-1.6E+07	6350940
731.6	901025.4	-51.673	17.01369	12946960	-1.6E+07	6347241
731.8	901017.2	-51.6648	17.00348	12950001	-1.6E+07	6343543
732	901009	-51.6566	16.99328	12953040	-1.6E+07	6339844
732.2	901000.8	-51.6484	16.98307	12956079	-1.6E+07	6336144
732.4	900992.6	-51.6402	16.97287	12959118	-1.6E+07	6332444
732.6	900984.5	-51.632	16.96266	12962155	-1.6E+07	6328744
732.8	900976.3	-51.6238	16.95245	12965192	-1.6E+07	6325043
733	900968.1	-51.6156	16.94225	12968229	-1.6E+07	6321343
733.2	900959.9	-51.6074	16.93204	12971264	-1.6E+07	6317641
733.4	900951.8	-51.5992	16.92183	12974299	-1.6E+07	6313940
733.6	900943.6	-51.591	16.91162	12977333	-1.6E+07	6310238
733.8	900935.4	-51.5828	16.90142	12980367	-1.6E+07	6306536
734	900927.2	-51.5746	16.89121	12983400	-1.6E+07	6302833
734.2	900919.1	-51.5664	16.881	12986432	-1.6E+07	6299130
734.4	900910.9	-51.5582	16.87079	12989464	-1.6E+07	6295427
734.6	900902.7	-51.5501	16.86058	12992495	-1.6E+07	6291723
734.8	900894.6	-51.5419	16.85037	12995525	-1.6E+07	6288019
735	900886.4	-51.5337	16.84016	12998555	-1.6E+07	6284315
735.2	900878.2	-51.5255	16.82995	13001583	-1.6E+07	6280610
735.4	900870.1	-51.5173	16.81973	13004612	-1.6E+07	6276905
735.6	900861.9	-51.5091	16.80952	13007639	-1.6E+07	6273200
735.8	900853.7	-51.501	16.79931	13010666	-1.6E+07	6269494
736	900845.6	-51.4928	16.7891	13013692	-1.6E+07	6265788
736.2	900837.4	-51.4846	16.77888	13016718	-1.6E+07	6262082
736.4	900829.3	-51.4764	16.76867	13019743	-1.6E+07	6258375
736.6	900821.1	-51.4682	16.75846	13022767	-1.6E+07	6254668
736.8	900812.9	-51.4601	16.74824	13025790	-1.6E+07	6250961
737	900804.8	-51.4519	16.73803	13028813	-1.6E+07	6247253
737.2	900796.6	-51.4437	16.72781	13031835	-1.6E+07	6243545
737.4	900788.5	-51.4355	16.7176	13034857	-1.6E+07	6239836
737.6	900780.3	-51.4274	16.70738	13037878	-1.6E+07	6236128
737.8	900772.2	-51.4192	16.69716	13040898	-1.6E+07	6232419
738	900764	-51.411	16.68695	13043917	-1.6E+07	6228709
738.2	900755.9	-51.4029	16.67673	13046936	-1.6E+07	6224999
738.4	900747.7	-51.3947	16.66651	13049954	-1.6E+07	6221289
738.6	900739.6	-51.3865	16.65629	13052971	-1.6E+07	6217579
738.8	900731.4	-51.3784	16.64607	13055988	-1.6E+07	6213868
739	900723.3	-51.3702	16.63586	13059004	-1.6E+07	6210157
739.2	900715.2	-51.362	16.62564	13062020	-1.6E+07	6206446
739.4	900707	-51.3539	16.61542	13065034	-1.6E+07	6202734

739.6	900698.9	-51.3457	16.6052	13068048	-1.6E+07	6199022
739.8	900690.7	-51.3375	16.59498	13071062	-1.6E+07	6195309
740	900682.6	-51.3294	16.58476	13074075	-1.6E+07	6191596
740.2	900674.5	-51.3212	16.57453	13077087	-1.6E+07	6187883
740.4	900666.3	-51.3131	16.56431	13080098	-1.6E+07	6184170
740.6	900658.2	-51.3049	16.55409	13083109	-1.6E+07	6180456
740.8	900650.1	-51.2967	16.54387	13086119	-1.6E+07	6176742
741	900641.9	-51.2886	16.53364	13089128	-1.6E+07	6173027
741.2	900633.8	-51.2804	16.52342	13092136	-1.6E+07	6169313
741.4	900625.7	-51.2723	16.5132	13095144	-1.6E+07	6165597
741.6	900617.5	-51.2641	16.50297	13098152	-1.6E+07	6161882
741.8	900609.4	-51.256	16.49275	13101158	-1.6E+07	6158166
742	900601.3	-51.2478	16.48252	13104164	-1.6E+07	6154450
742.2	900593.2	-51.2397	16.4723	13107169	-1.6E+07	6150733
742.4	900585	-51.2315	16.46207	13110174	-1.6E+07	6147017
742.6	900576.9	-51.2234	16.45185	13113178	-1.6E+07	6143299
742.8	900568.8	-51.2152	16.44162	13116181	-1.6E+07	6139582
743	900560.7	-51.2071	16.43139	13119184	-1.6E+07	6135864
743.2	900552.5	-51.1989	16.42116	13122185	-1.6E+07	6132146
743.4	900544.4	-51.1908	16.41094	13125187	-1.6E+07	6128427
743.6	900536.3	-51.1826	16.40071	13128187	-1.6E+07	6124709
743.8	900528.2	-51.1745	16.39048	13131187	-1.6E+07	6120989
744	900520.1	-51.1664	16.38025	13134186	-1.6E+07	6117270
744.2	900512	-51.1582	16.37002	13137184	-1.6E+07	6113550
744.4	900503.9	-51.1501	16.35979	13140182	-1.6E+07	6109830
744.6	900495.7	-51.1419	16.34956	13143179	-1.6E+07	6106109
744.8	900487.6	-51.1338	16.33933	13146176	-1.6E+07	6102389
745	900479.5	-51.1257	16.3291	13149171	-1.6E+07	6098668
745.2	900471.4	-51.1175	16.31887	13152166	-1.6E+07	6094946
745.4	900463.3	-51.1094	16.30864	13155161	-1.6E+07	6091224
745.6	900455.2	-51.1013	16.29841	13158154	-1.6E+07	6087502
745.8	900447.1	-51.0931	16.28817	13161147	-1.6E+07	6083780
746	900439	-51.085	16.27794	13164140	-1.6E+07	6080057
746.2	900430.9	-51.0769	16.26771	13167131	-1.6E+07	6076334
746.4	900422.8	-51.0687	16.25747	13170122	-1.6E+07	6072610
746.6	900414.7	-51.0606	16.24724	13173113	-1.6E+07	6068886
746.8	900406.6	-51.0525	16.237	13176102	-1.6E+07	6065162
747	900398.5	-51.0443	16.22677	13179091	-1.6E+07	6061438
747.2	900390.4	-51.0362	16.21653	13182079	-1.6E+07	6057713
747.4	900382.3	-51.0281	16.2063	13185067	-1.6E+07	6053988
747.6	900374.2	-51.02	16.19606	13188054	-1.6E+07	6050262
747.8	900366.1	-51.0118	16.18583	13191040	-1.6E+07	6046537
748	900358	-51.0037	16.17559	13194025	-1.6E+07	6042810
748.2	900349.9	-50.9956	16.16535	13197010	-1.6E+07	6039084
748.4	900341.9	-50.9875	16.15511	13199994	-1.6E+07	6035357
748.6	900333.8	-50.9793	16.14488	13202978	-1.6E+07	6031630
748.8	900325.7	-50.9712	16.13464	13205961	-1.6E+07	6027903



749	900317.6	-50.9631	16.1244	13208943	-1.6E+07	6024175
749.2	900309.5	-50.955	16.11416	13211924	-1.6E+07	6020447
749.4	900301.4	-50.9469	16.10392	13214905	-1.6E+07	6016718
749.6	900293.4	-50.9388	16.09368	13217885	-1.6E+07	6012990
749.8	900285.3	-50.9306	16.08344	13220864	-1.6E+07	6009261
750	900277.2	-50.9225	16.0732	13223843	-1.6E+07	6005531
750.2	900269.1	-50.9144	16.06296	13226821	-1.6E+07	6001802
750.4	900261	-50.9063	16.05272	13229798	-1.6E+07	5998071
750.6	900253	-50.8982	16.04247	13232775	-1.6E+07	5994341
750.8	900244.9	-50.8901	16.03223	13235751	-1.6E+07	5990610
751	900236.8	-50.882	16.02199	13238726	-1.6E+07	5986879
751.2	900228.8	-50.8739	16.01175	13241701	-1.6E+07	5983148
751.4	900220.7	-50.8657	16.0015	13244674	-1.6E+07	5979416
751.6	900212.6	-50.8576	15.99126	13247648	-1.6E+07	5975684
751.8	900204.6	-50.8495	15.98101	13250620	-1.6E+07	5971952
752	900196.5	-50.8414	15.97077	13253592	-1.6E+07	5968219
752.2	900188.4	-50.8333	15.96053	13256563	-1.6E+07	5964486
752.4	900180.4	-50.8252	15.95028	13259534	-1.6E+07	5960753
752.6	900172.3	-50.8171	15.94003	13262503	-1.6E+07	5957019
752.8	900164.2	-50.809	15.92979	13265472	-1.6E+07	5953286
753	900156.2	-50.8009	15.91954	13268441	-1.6E+07	5949551
753.2	900148.1	-50.7928	15.90929	13271408	-1.6E+07	5945817
753.4	900140.1	-50.7847	15.89905	13274376	-1.6E+07	5942082
753.6	900132	-50.7766	15.8888	13277342	-1.6E+07	5938347
753.8	900123.9	-50.7685	15.87855	13280307	-1.6E+07	5934611
754	900115.9	-50.7604	15.8683	13283272	-1.6E+07	5930875
754.2	900107.8	-50.7523	15.85805	13286237	-1.6E+07	5927139
754.4	900099.8	-50.7442	15.8478	13289200	-1.6E+07	5923402
754.6	900091.7	-50.7361	15.83755	13292163	-1.6E+07	5919665
754.8	900083.7	-50.728	15.8273	13295125	-1.6E+07	5915928
755	900075.6	-50.72	15.81705	13298087	-1.6E+07	5912191
755.2	900067.6	-50.7119	15.8068	13301048	-1.6E+07	5908453
755.4	900059.6	-50.7038	15.79655	13304008	-1.6E+07	5904715
755.6	900051.5	-50.6957	15.7863	13306967	-1.6E+07	5900976
755.8	900043.5	-50.6876	15.77605	13309926	-1.6E+07	5897238
756	900035.4	-50.6795	15.7658	13312884	-1.6E+07	5893498
756.2	900027.4	-50.6714	15.75554	13315842	-1.6E+07	5889759
756.4	900019.3	-50.6633	15.74529	13318798	-1.6E+07	5886019
756.6	900011.3	-50.6552	15.73504	13321754	-1.6E+07	5882279
756.8	900003.3	-50.6472	15.72478	13324710	-1.6E+07	5878539
757	899995.2	-50.6391	15.71453	13327664	-1.6E+07	5874798
757.2	899987.2	-50.631	15.70428	13330618	-1.6E+07	5871057
757.4	899979.2	-50.6229	15.69402	13333572	-1.6E+07	5867316
757.6	899971.1	-50.6148	15.68377	13336524	-1.6E+07	5863574
757.8	899963.1	-50.6068	15.67351	13339476	-1.6E+07	5859832
758	899955.1	-50.5987	15.66325	13342427	-1.6E+07	5856090
758.2	899947.1	-50.5906	15.653	13345378	-1.6E+07	5852347

758.4	899939	-50.5825	15.64274	13348328	-1.6E+07	5848604
758.6	899931	-50.5744	15.63248	13351277	-1.6E+07	5844861
758.8	899923	-50.5664	15.62223	13354225	-1.6E+07	5841117
759	899915	-50.5583	15.61197	13357173	-1.6E+07	5837374
759.2	899906.9	-50.5502	15.60171	13360120	-1.6E+07	5833629
759.4	899898.9	-50.5422	15.59145	13363066	-1.6E+07	5829885
759.6	899890.9	-50.5341	15.58119	13366012	-1.6E+07	5826140
759.8	899882.9	-50.526	15.57093	13368957	-1.6E+07	5822395
760	899874.9	-50.5179	15.56067	13371901	-1.6E+07	5818649
760.2	899866.9	-50.5099	15.55041	13374845	-1.6E+07	5814904
760.4	899858.9	-50.5018	15.54015	13377788	-1.6E+07	5811157
760.6	899850.8	-50.4937	15.52989	13380730	-1.6E+07	5807411
760.8	899842.8	-50.4857	15.51963	13383672	-1.6E+07	5803664
761	899834.8	-50.4776	15.50937	13386612	-1.6E+07	5799917
761.2	899826.8	-50.4695	15.49911	13389553	-1.6E+07	5796170
761.4	899818.8	-50.4615	15.48884	13392492	-1.6E+07	5792422
761.6	899810.8	-50.4534	15.47858	13395431	-1.6E+07	5788674
761.8	899802.8	-50.4454	15.46832	13398369	-1.6E+07	5784926
762	899794.8	-50.4373	15.45805	13401306	-1.6E+07	5781177
762.2	899786.8	-50.4292	15.44779	13404243	-1.6E+07	5777428
762.4	899778.8	-50.4212	15.43753	13407179	-1.6E+07	5773679
762.6	899770.8	-50.4131	15.42726	13410114	-1.6E+07	5769929
762.8	899762.8	-50.4051	15.417	13413049	-1.6E+07	5766180
763	899754.8	-50.397	15.40673	13415983	-1.6E+07	5762429
763.2	899746.8	-50.3889	15.39646	13418916	-1.6E+07	5758679
763.4	899738.8	-50.3809	15.3862	13421849	-1.6E+07	5754928
763.6	899730.8	-50.3728	15.37593	13424780	-1.6E+07	5751177
763.8	899722.8	-50.3648	15.36567	13427712	-1.6E+07	5747425
764	899714.9	-50.3567	15.3554	13430642	-1.6E+07	5743674
764.2	899706.9	-50.3487	15.34513	13433572	-1.6E+07	5739921
764.4	899698.9	-50.3406	15.33486	13436501	-1.6E+07	5736169
764.6	899690.9	-50.3326	15.32459	13439429	-1.6E+07	5732416
764.8	899682.9	-50.3245	15.31433	13442357	-1.6E+07	5728663
765	899674.9	-50.3165	15.30406	13445284	-1.6E+07	5724910
765.2	899666.9	-50.3084	15.29379	13448210	-1.6E+07	5721156
765.4	899659	-50.3004	15.28352	13451136	-1.6E+07	5717402
765.6	899651	-50.2923	15.27325	13454061	-1.6E+07	5713648
765.8	899643	-50.2843	15.26298	13456985	-1.6E+07	5709894
766	899635	-50.2763	15.25271	13459908	-1.6E+07	5706139
766.2	899627.1	-50.2682	15.24243	13462831	-1.6E+07	5702384
766.4	899619.1	-50.2602	15.23216	13465753	-1.6E+07	5698628
766.6	899611.1	-50.2521	15.22189	13468675	-1.6E+07	5694872
766.8	899603.1	-50.2441	15.21162	13471596	-1.6E+07	5691116
767	899595.2	-50.236	15.20135	13474516	-1.6E+07	5687360
767.2	899587.2	-50.228	15.19107	13477435	-1.6E+07	5683603
767.4	899579.2	-50.22	15.1808	13480354	-1.6E+07	5679846
767.6	899571.3	-50.2119	15.17053	13483272	-1.6E+07	5676088

767.8	899563.3	-50.2039	15.16025	13486189	-1.6E+07	5672331
768	899555.4	-50.1959	15.14998	13489105	-1.6E+07	5668573
768.2	899547.4	-50.1878	15.1397	13492021	-1.6E+07	5664815
768.4	899539.4	-50.1798	15.12943	13494936	-1.6E+07	5661056
768.6	899531.5	-50.1718	15.11915	13497851	-1.6E+07	5657297
768.8	899523.5	-50.1637	15.10887	13500765	-1.6E+07	5653538
769	899515.6	-50.1557	15.0986	13503678	-1.6E+07	5649778
769.2	899507.6	-50.1477	15.08832	13506590	-1.6E+07	5646018
769.4	899499.7	-50.1396	15.07804	13509502	-1.6E+07	5642258
769.6	899491.7	-50.1316	15.06777	13512413	-1.6E+07	5638498
769.8	899483.8	-50.1236	15.05749	13515323	-1.6E+07	5634737
770	899475.8	-50.1156	15.04721	13518233	-1.6E+07	5630976
770.2	899467.9	-50.1075	15.03693	13521141	-1.6E+07	5627215
770.4	899459.9	-50.0995	15.02665	13524050	-1.6E+07	5623453
770.6	899452	-50.0915	15.01637	13526957	-1.6E+07	5619691
770.8	899444	-50.0835	15.0061	13529864	-1.6E+07	5615929
771	899436.1	-50.0754	14.99582	13532770	-1.6E+07	5612166
771.2	899428.1	-50.0674	14.98554	13535675	-1.6E+07	5608403
771.4	899420.2	-50.0594	14.97525	13538580	-1.6E+07	5604640
771.6	899412.3	-50.0514	14.96497	13541484	-1.6E+07	5600877
771.8	899404.3	-50.0433	14.95469	13544387	-1.6E+07	5597113
772	899396.4	-50.0353	14.94441	13547290	-1.6E+07	5593349
772.2	899388.5	-50.0273	14.93413	13550192	-1.6E+07	5589584
772.4	899380.5	-50.0193	14.92385	13553093	-1.6E+07	5585820
772.6	899372.6	-50.0113	14.91356	13555994	-1.6E+07	5582055
772.8	899364.7	-50.0033	14.90328	13558894	-1.6E+07	5578289
773	899356.7	-49.9953	14.893	13561793	-1.6E+07	5574524
773.2	899348.8	-49.9872	14.88271	13564691	-1.6E+07	5570758
773.4	899340.9	-49.9792	14.87243	13567589	-1.6E+07	5566991
773.6	899333	-49.9712	14.86214	13570486	-1.6E+07	5563225
773.8	899325	-49.9632	14.85186	13573382	-1.6E+07	5559458
774	899317.1	-49.9552	14.84157	13576278	-1.6E+07	5555691
774.2	899309.2	-49.9472	14.83129	13579173	-1.6E+07	5551923
774.4	899301.3	-49.9392	14.821	13582067	-1.6E+07	5548156
774.6	899293.4	-49.9312	14.81072	13584960	-1.6E+07	5544388
774.8	899285.5	-49.9232	14.80043	13587853	-1.6E+07	5540619
775	899277.5	-49.9152	14.79014	13590745	-1.6E+07	5536851
775.2	899269.6	-49.9071	14.77985	13593637	-1.6E+07	5533082
775.4	899261.7	-49.8991	14.76957	13596527	-1.6E+07	5529312
775.6	899253.8	-49.8911	14.75928	13599417	-1.6E+07	5525543
775.8	899245.9	-49.8831	14.74899	13602307	-1.6E+07	5521773
776	899238	-49.8751	14.7387	13605195	-1.6E+07	5518003
776.2	899230.1	-49.8671	14.72841	13608083	-1.6E+07	5514232
776.4	899222.2	-49.8591	14.71812	13610970	-1.6E+07	5510462
776.6	899214.3	-49.8511	14.70783	13613857	-1.6E+07	5506691
776.8	899206.4	-49.8431	14.69754	13616743	-1.6E+07	5502919
777	899198.5	-49.8351	14.68725	13619628	-1.6E+07	5499148

777.2	899190.6	-49.8271	14.67696	13622512	-1.6E+07	5495376
777.4	899182.7	-49.8191	14.66667	13625396	-1.6E+07	5491603
777.6	899174.8	-49.8112	14.65638	13628279	-1.6E+07	5487831
777.8	899166.9	-49.8032	14.64609	13631161	-1.6E+07	5484058
778	899159	-49.7952	14.63579	13634043	-1.6E+07	5480285
778.2	899151.1	-49.7872	14.6255	13636924	-1.6E+07	5476511
778.4	899143.2	-49.7792	14.61521	13639804	-1.6E+07	5472738
778.6	899135.3	-49.7712	14.60492	13642683	-1.6E+07	5468964
778.8	899127.4	-49.7632	14.59462	13645562	-1.6E+07	5465189
779	899119.6	-49.7552	14.58433	13648440	-1.6E+07	5461415
779.2	899111.7	-49.7472	14.57403	13651317	-1.6E+07	5457640
779.4	899103.8	-49.7392	14.56374	13654194	-1.6E+07	5453864
779.6	899095.9	-49.7312	14.55344	13657070	-1.6E+07	5450089
779.8	899088	-49.7233	14.54315	13659945	-1.6E+07	5446313
780	899080.1	-49.7153	14.53285	13662820	-1.6E+07	5442537
780.2	899072.3	-49.7073	14.52256	13665694	-1.6E+07	5438761
780.4	899064.4	-49.6993	14.51226	13668567	-1.6E+07	5434984
780.6	899056.5	-49.6913	14.50196	13671439	-1.6E+07	5431207
780.8	899048.6	-49.6833	14.49167	13674311	-1.6E+07	5427429
781	899040.8	-49.6754	14.48137	13677182	-1.6E+07	5423652
781.2	899032.9	-49.6674	14.47107	13680052	-1.6E+07	5419874
781.4	899025	-49.6594	14.46077	13682922	-1.6E+07	5416096
781.6	899017.2	-49.6514	14.45047	13685791	-1.6E+07	5412317
781.8	899009.3	-49.6434	14.44017	13688659	-1.6E+07	5408539
782	899001.4	-49.6355	14.42988	13691526	-1.6E+07	5404759
782.2	898993.6	-49.6275	14.41958	13694393	-1.6E+07	5400980
782.4	898985.7	-49.6195	14.40928	13697259	-1.6E+07	5397200
782.6	898977.9	-49.6115	14.39898	13700125	-1.6E+07	5393420
782.8	898970	-49.6036	14.38868	13702989	-1.6E+07	5389640
783	898962.1	-49.5956	14.37837	13705853	-1.6E+07	5385860
783.2	898954.3	-49.5876	14.36807	13708716	-1.6E+07	5382079
783.4	898946.4	-49.5796	14.35777	13711579	-1.6E+07	5378298
783.6	898938.6	-49.5717	14.34747	13714441	-1.6E+07	5374516
783.8	898930.7	-49.5637	14.33717	13717302	-1.6E+07	5370735
784	898922.9	-49.5557	14.32686	13720162	-1.6E+07	5366953
784.2	898915	-49.5478	14.31656	13723022	-1.6E+07	5363170
784.4	898907.2	-49.5398	14.30626	13725881	-1.6E+07	5359388
784.6	898899.3	-49.5318	14.29595	13728739	-1.6E+07	5355605
784.8	898891.5	-49.5239	14.28565	13731597	-1.6E+07	5351822
785	898883.6	-49.5159	14.27535	13734454	-1.6E+07	5348038
785.2	898875.8	-49.5079	14.26504	13737310	-1.6E+07	5344254
785.4	898868	-49.5	14.25474	13740166	-1.6E+07	5340470
785.6	898860.1	-49.492	14.24443	13743020	-1.6E+07	5336686
785.8	898852.3	-49.484	14.23413	13745874	-1.6E+07	5332901
786	898844.5	-49.4761	14.22382	13748728	-1.6E+07	5329116
786.2	898836.6	-49.4681	14.21351	13751580	-1.6E+07	5325331
786.4	898828.8	-49.4602	14.20321	13754432	-1.6E+07	5321546

786.6	898821	-49.4522	14.1929	13757284	-1.6E+07	5317760
786.8	898813.1	-49.4442	14.18259	13760134	-1.6E+07	5313974
787	898805.3	-49.4363	14.17228	13762984	-1.6E+07	5310188
787.2	898797.5	-49.4283	14.16198	13765833	-1.6E+07	5306401
787.4	898789.7	-49.4204	14.15167	13768681	-1.6E+07	5302614
787.6	898781.8	-49.4124	14.14136	13771529	-1.6E+07	5298827
787.8	898774	-49.4045	14.13105	13774376	-1.6E+07	5295039
788	898766.2	-49.3965	14.12074	13777222	-1.6E+07	5291251
788.2	898758.4	-49.3886	14.11043	13780068	-1.6E+07	5287463
788.4	898750.5	-49.3806	14.10012	13782913	-1.6E+07	5283675
788.6	898742.7	-49.3727	14.08981	13785757	-1.6E+07	5279886
788.8	898734.9	-49.3647	14.0795	13788600	-1.6E+07	5276097
789	898727.1	-49.3568	14.06919	13791443	-1.6E+07	5272308
789.2	898719.3	-49.3488	14.05888	13794285	-1.6E+07	5268518
789.4	898711.5	-49.3409	14.04857	13797126	-1.6E+07	5264729
789.6	898703.7	-49.3329	14.03825	13799967	-1.6E+07	5260939
789.8	898695.9	-49.325	14.02794	13802807	-1.6E+07	5257148
790	898688.1	-49.317	14.01763	13805646	-1.6E+07	5253357
790.2	898680.3	-49.3091	14.00732	13808484	-1.6E+07	5249567
790.4	898672.5	-49.3011	13.997	13811322	-1.6E+07	5245775
790.6	898664.7	-49.2932	13.98669	13814159	-1.6E+07	5241984
790.8	898656.9	-49.2852	13.97638	13816995	-1.6E+07	5238192
791	898649.1	-49.2773	13.96606	13819831	-1.6E+07	5234400
791.2	898641.3	-49.2694	13.95575	13822666	-1.6E+07	5230607
791.4	898633.5	-49.2614	13.94543	13825500	-1.6E+07	5226815
791.6	898625.7	-49.2535	13.93512	13828334	-1.6E+07	5223022
791.8	898617.9	-49.2455	13.9248	13831166	-1.6E+07	5219229
792	898610.1	-49.2376	13.91448	13833998	-1.6E+07	5215435
792.2	898602.3	-49.2297	13.90417	13836830	-1.6E+07	5211641
792.4	898594.5	-49.2217	13.89385	13839660	-1.6E+07	5207847
792.6	898586.7	-49.2138	13.88353	13842490	-1.6E+07	5204053
792.8	898578.9	-49.2059	13.87322	13845319	-1.6E+07	5200258
793	898571.2	-49.1979	13.8629	13848148	-1.6E+07	5196463
793.2	898563.4	-49.19	13.85258	13850976	-1.6E+07	5192668
793.4	898555.6	-49.1821	13.84226	13853803	-1.6E+07	5188872
793.6	898547.8	-49.1741	13.83194	13856629	-1.6E+07	5185077
793.8	898540	-49.1662	13.82163	13859455	-1.6E+07	5181281
794	898532.3	-49.1583	13.81131	13862280	-1.6E+07	5177484
794.2	898524.5	-49.1503	13.80099	13865104	-1.6E+07	5173688
794.4	898516.7	-49.1424	13.79067	13867927	-1.6E+07	5169891
794.6	898508.9	-49.1345	13.78035	13870750	-1.6E+07	5166093
794.8	898501.2	-49.1265	13.77003	13873572	-1.6E+07	5162296
795	898493.4	-49.1186	13.75971	13876394	-1.6E+07	5158498
795.2	898485.6	-49.1107	13.74938	13879214	-1.6E+07	5154700
795.4	898477.9	-49.1028	13.73906	13882034	-1.6E+07	5150902
795.6	898470.1	-49.0948	13.72874	13884853	-1.6E+07	5147103
795.8	898462.3	-49.0869	13.71842	13887672	-1.6E+07	5143304

796	898454.6	-49.079	13.7081	13890490	-1.6E+07	5139505
796.2	898446.8	-49.0711	13.69777	13893307	-1.6E+07	5135706
796.4	898439.1	-49.0632	13.68745	13896123	-1.6E+07	5131906
796.6	898431.3	-49.0552	13.67713	13898939	-1.6E+07	5128106
796.8	898423.6	-49.0473	13.6668	13901754	-1.6E+07	5124306
797	898415.8	-49.0394	13.65648	13904568	-1.6E+07	5120505
797.2	898408.1	-49.0315	13.64615	13907381	-1.6E+07	5116704
797.4	898400.3	-49.0236	13.63583	13910194	-1.6E+07	5112903
797.6	898392.6	-49.0156	13.6255	13913006	-1.6E+07	5109102
797.8	898384.8	-49.0077	13.61518	13915817	-1.6E+07	5105300
798	898377.1	-48.9998	13.60485	13918628	-1.6E+07	5101498
798.2	898369.3	-48.9919	13.59453	13921438	-1.6E+07	5097696
798.4	898361.6	-48.984	13.5842	13924247	-1.6E+07	5093893
798.6	898353.8	-48.9761	13.57387	13927056	-1.6E+07	5090091
798.8	898346.1	-48.9682	13.56355	13929863	-1.6E+07	5086288
799	898338.4	-48.9603	13.55322	13932670	-1.6E+07	5082484
799.2	898330.6	-48.9523	13.54289	13935477	-1.6E+07	5078681
799.4	898322.9	-48.9444	13.53256	13938282	-1.6E+07	5074877
799.6	898315.2	-48.9365	13.52224	13941087	-1.6E+07	5071073
799.8	898307.4	-48.9286	13.51191	13943891	-1.6E+07	5067268
800	898299.7	-48.9207	13.50158	13946695	-1.6E+07	5063463
800.2	898292	-48.9128	13.49125	13949498	-1.6E+07	5059658
800.4	898284.2	-48.9049	13.48092	13952300	-1.6E+07	5055853
800.6	898276.5	-48.897	13.47059	13955101	-1.6E+07	5052048
800.8	898268.8	-48.8891	13.46026	13957901	-1.6E+07	5048242
801	898261.1	-48.8812	13.44993	13960701	-1.6E+07	5044436
801.2	898253.4	-48.8733	13.4396	13963500	-1.6E+07	5040629
801.4	898245.6	-48.8654	13.42927	13966299	-1.6E+07	5036823
801.6	898237.9	-48.8575	13.41894	13969097	-1.6E+07	5033016
801.8	898230.2	-48.8496	13.4086	13971894	-1.6E+07	5029209
802	898222.5	-48.8417	13.39827	13974690	-1.6E+07	5025401
802.2	898214.8	-48.8338	13.38794	13977485	-1.6E+07	5021593
802.4	898207.1	-48.8259	13.37761	13980280	-1.6E+07	5017785
802.6	898199.4	-48.818	13.36727	13983074	-1.6E+07	5013977
802.8	898191.6	-48.8101	13.35694	13985868	-1.6E+07	5010169
803	898183.9	-48.8022	13.34661	13988660	-1.6E+07	5006360
803.2	898176.2	-48.7943	13.33627	13991452	-1.6E+07	5002551
803.4	898168.5	-48.7864	13.32594	13994244	-1.6E+07	4998741
803.6	898160.8	-48.7785	13.3156	13997034	-1.6E+07	4994932
803.8	898153.1	-48.7706	13.30527	13999824	-1.6E+07	4991122
804	898145.4	-48.7627	13.29493	14002613	-1.6E+07	4987312
804.2	898137.7	-48.7548	13.2846	14005401	-1.6E+07	4983501
804.4	898130	-48.7469	13.27426	14008189	-1.6E+07	4979690
804.6	898122.3	-48.739	13.26393	14010976	-1.6E+07	4975879
804.8	898114.7	-48.7311	13.25359	14013762	-1.6E+07	4972068
805	898107	-48.7233	13.24325	14016548	-1.6E+07	4968257
805.2	898099.3	-48.7154	13.23292	14019332	-1.6E+07	4964445

805.4	898091.6	-48.7075	13.22258	14022116	-1.6E+07	4960633
805.6	898083.9	-48.6996	13.21224	14024900	-1.6E+07	4956820
805.8	898076.2	-48.6917	13.2019	14027682	-1.6E+07	4953008
806	898068.5	-48.6838	13.19156	14030464	-1.6E+07	4949195
806.2	898060.9	-48.6759	13.18123	14033245	-1.6E+07	4945382
806.4	898053.2	-48.668	13.17089	14036026	-1.6E+07	4941568
806.6	898045.5	-48.6602	13.16055	14038805	-1.6E+07	4937755
806.8	898037.8	-48.6523	13.15021	14041584	-1.6E+07	4933941
807	898030.1	-48.6444	13.13987	14044363	-1.6E+07	4930126
807.2	898022.5	-48.6365	13.12953	14047140	-1.6E+07	4926312
807.4	898014.8	-48.6286	13.11919	14049917	-1.6E+07	4922497
807.6	898007.1	-48.6208	13.10885	14052693	-1.6E+07	4918682
807.8	897999.5	-48.6129	13.09851	14055468	-1.6E+07	4914867
808	897991.8	-48.605	13.08816	14058243	-1.6E+07	4911051
808.2	897984.1	-48.5971	13.07782	14061017	-1.6E+07	4907235
808.4	897976.5	-48.5892	13.06748	14063790	-1.6E+07	4903419
808.6	897968.8	-48.5814	13.05714	14066563	-1.6E+07	4899603
808.8	897961.1	-48.5735	13.0468	14069335	-1.6E+07	4895786
809	897953.5	-48.5656	13.03645	14072106	-1.6E+07	4891969
809.2	897945.8	-48.5577	13.02611	14074876	-1.6E+07	4888152
809.4	897938.2	-48.5499	13.01577	14077645	-1.6E+07	4884335
809.6	897930.5	-48.542	13.00542	14080414	-1.6E+07	4880517
809.8	897922.9	-48.5341	12.99508	14083182	-1.6E+07	4876699
810	897915.2	-48.5263	12.98473	14085950	-1.6E+07	4872881
810.2	897907.6	-48.5184	12.97439	14088717	-1.6E+07	4869062
810.4	897899.9	-48.5105	12.96404	14091483	-1.6E+07	4865243
810.6	897892.3	-48.5027	12.9537	14094248	-1.6E+07	4861424
810.8	897884.6	-48.4948	12.94335	14097012	-1.6E+07	4857605
811	897877	-48.4869	12.93301	14099776	-1.6E+07	4853786
811.2	897869.4	-48.479	12.92266	14102539	-1.6E+07	4849966
811.4	897861.7	-48.4712	12.91231	14105302	-1.6E+07	4846146
811.6	897854.1	-48.4633	12.90197	14108063	-1.6E+07	4842325
811.8	897846.4	-48.4555	12.89162	14110824	-1.6E+07	4838505
812	897838.8	-48.4476	12.88127	14113584	-1.6E+07	4834684
812.2	897831.2	-48.4397	12.87092	14116344	-1.6E+07	4830863
812.4	897823.5	-48.4319	12.86058	14119102	-1.6E+07	4827041
812.6	897815.9	-48.424	12.85023	14121860	-1.6E+07	4823220
812.8	897808.3	-48.4161	12.83988	14124618	-1.6E+07	4819398
813	897800.7	-48.4083	12.82953	14127374	-1.6E+07	4815575
813.2	897793	-48.4004	12.81918	14130130	-1.6E+07	4811753
813.4	897785.4	-48.3926	12.80883	14132885	-1.6E+07	4807930
813.6	897777.8	-48.3847	12.79848	14135640	-1.6E+07	4804107
813.8	897770.2	-48.3768	12.78813	14138393	-1.6E+07	4800284
814	897762.6	-48.369	12.77778	14141146	-1.6E+07	4796460
814.2	897754.9	-48.3611	12.76743	14143898	-1.6E+07	4792637
814.4	897747.3	-48.3533	12.75708	14146650	-1.6E+07	4788813
814.6	897739.7	-48.3454	12.74673	14149401	-1.6E+07	4784988

814.8	897732.1	-48.3376	12.73638	14152151	-1.6E+07	4781164
815	897724.5	-48.3297	12.72602	14154900	-1.6E+07	4777339
815.2	897716.9	-48.3219	12.71567	14157648	-1.6E+07	4773514
815.4	897709.3	-48.314	12.70532	14160396	-1.6E+07	4769689
815.6	897701.7	-48.3062	12.69497	14163143	-1.6E+07	4765863
815.8	897694.1	-48.2983	12.68461	14165890	-1.6E+07	4762037
816	897686.5	-48.2905	12.67426	14168635	-1.6E+07	4758211
816.2	897678.9	-48.2826	12.66391	14171380	-1.6E+07	4754385
816.4	897671.3	-48.2748	12.65355	14174124	-1.6E+07	4750558
816.6	897663.7	-48.2669	12.6432	14176868	-1.6E+07	4746731
816.8	897656.1	-48.2591	12.63284	14179611	-1.6E+07	4742904
817	897648.5	-48.2512	12.62249	14182353	-1.6E+07	4739077
817.2	897640.9	-48.2434	12.61213	14185094	-1.6E+07	4735249
817.4	897633.3	-48.2355	12.60178	14187834	-1.6E+07	4731421
817.6	897625.7	-48.2277	12.59142	14190574	-1.6E+07	4727593
817.8	897618.1	-48.2198	12.58106	14193313	-1.6E+07	4723765
818	897610.5	-48.212	12.57071	14196052	-1.6E+07	4719936
818.2	897602.9	-48.2042	12.56035	14198789	-1.6E+07	4716107
818.4	897595.4	-48.1963	12.54999	14201526	-1.6E+07	4712278
818.6	897587.8	-48.1885	12.53964	14204262	-1.6E+07	4708448
818.8	897580.2	-48.1806	12.52928	14206998	-1.6E+07	4704619
819	897572.6	-48.1728	12.51892	14209733	-1.6E+07	4700789
819.2	897565.1	-48.1649	12.50856	14212467	-1.6E+07	4696958
819.4	897557.5	-48.1571	12.4982	14215200	-1.6E+07	4693128
819.6	897549.9	-48.1493	12.48785	14217932	-1.6E+07	4689297
819.8	897542.3	-48.1414	12.47749	14220664	-1.6E+07	4685466
820	897534.8	-48.1336	12.46713	14223395	-1.6E+07	4681635
820.2	897527.2	-48.1258	12.45677	14226126	-1.6E+07	4677803
820.4	897519.6	-48.1179	12.44641	14228855	-1.6E+07	4673972
820.6	897512.1	-48.1101	12.43605	14231584	-1.6E+07	4670140
820.8	897504.5	-48.1023	12.42569	14234312	-1.6E+07	4666307
821	897497	-48.0944	12.41533	14237040	-1.6E+07	4662475
821.2	897489.4	-48.0866	12.40497	14239766	-1.6E+07	4658642
821.4	897481.8	-48.0788	12.3946	14242492	-1.6E+07	4654809
821.6	897474.3	-48.0709	12.38424	14245218	-1.6E+07	4650976
821.8	897466.7	-48.0631	12.37388	14247942	-1.6E+07	4647142
822	897459.2	-48.0553	12.36352	14250666	-1.6E+07	4643309
822.2	897451.6	-48.0474	12.35316	14253389	-1.6E+07	4639475
822.4	897444.1	-48.0396	12.34279	14256111	-1.6E+07	4635640
822.6	897436.5	-48.0318	12.33243	14258833	-1.6E+07	4631806
822.8	897429	-48.024	12.32207	14261554	-1.6E+07	4627971
823	897421.4	-48.0161	12.3117	14264274	-1.6E+07	4624136
823.2	897413.9	-48.0083	12.30134	14266993	-1.6E+07	4620301
823.4	897406.4	-48.0005	12.29097	14269712	-1.6E+07	4616465
823.6	897398.8	-47.9927	12.28061	14272430	-1.6E+07	4612629
823.8	897391.3	-47.9848	12.27025	14275147	-1.6E+07	4608793
824	897383.8	-47.977	12.25988	14277863	-1.6E+07	4604957



824.2	897376.2	-47.9692	12.24951	14280579	-1.6E+07	4601120
824.4	897368.7	-47.9614	12.23915	14283294	-1.6E+07	4597284
824.6	897361.2	-47.9536	12.22878	14286008	-1.6E+07	4593447
824.8	897353.6	-47.9457	12.21842	14288722	-1.6E+07	4589609
825	897346.1	-47.9379	12.20805	14291434	-1.6E+07	4585772
825.2	897338.6	-47.9301	12.19768	14294146	-1.6E+07	4581934
825.4	897331.1	-47.9223	12.18732	14296858	-1.6E+07	4578096
825.6	897323.5	-47.9145	12.17695	14299568	-1.6E+07	4574258
825.8	897316	-47.9066	12.16658	14302278	-1.6E+07	4570419
826	897308.5	-47.8988	12.15621	14304987	-1.6E+07	4566580
826.2	897301	-47.891	12.14584	14307696	-1.6E+07	4562741
826.4	897293.5	-47.8832	12.13548	14310403	-1.6E+07	4558902
826.6	897286	-47.8754	12.12511	14313110	-1.6E+07	4555062
826.8	897278.4	-47.8676	12.11474	14315816	-1.6E+07	4551223
827	897270.9	-47.8598	12.10437	14318522	-1.6E+07	4547382
827.2	897263.4	-47.8519	12.094	14321226	-1.6E+07	4543542
827.4	897255.9	-47.8441	12.08363	14323930	-1.6E+07	4539702
827.6	897248.4	-47.8363	12.07326	14326634	-1.6E+07	4535861
827.8	897240.9	-47.8285	12.06289	14329336	-1.6E+07	4532020
828	897233.4	-47.8207	12.05252	14332038	-1.6E+07	4528179
828.2	897225.9	-47.8129	12.04215	14334739	-1.6E+07	4524337
828.4	897218.4	-47.8051	12.03178	14337439	-1.6E+07	4520495
828.6	897210.9	-47.7973	12.0214	14340139	-1.6E+07	4516653
828.8	897203.4	-47.7895	12.01103	14342838	-1.6E+07	4512811
829	897195.9	-47.7817	12.00066	14345536	-1.6E+07	4508969
829.2	897188.4	-47.7739	11.99029	14348233	-1.6E+07	4505126
829.4	897181	-47.7661	11.97991	14350930	-1.6E+07	4501283
829.6	897173.5	-47.7583	11.96954	14353626	-1.6E+07	4497440
829.8	897166	-47.7505	11.95917	14356321	-1.6E+07	4493596
830	897158.5	-47.7426	11.94879	14359015	-1.6E+07	4489752
830.2	897151	-47.7348	11.93842	14361709	-1.6E+07	4485908
830.4	897143.5	-47.727	11.92805	14364402	-1.6E+07	4482064
830.6	897136.1	-47.7192	11.91767	14367094	-1.6E+07	4478220
830.8	897128.6	-47.7114	11.9073	14369785	-1.6E+07	4474375
831	897121.1	-47.7036	11.89692	14372476	-1.6E+07	4470530
831.2	897113.6	-47.6958	11.88655	14375166	-1.6E+07	4466685
831.4	897106.2	-47.688	11.87617	14377855	-1.6E+07	4462839
831.6	897098.7	-47.6802	11.8658	14380544	-1.6E+07	4458994
831.8	897091.2	-47.6725	11.85542	14383232	-1.6E+07	4455148
832	897083.8	-47.6647	11.84504	14385919	-1.6E+07	4451302
832.2	897076.3	-47.6569	11.83467	14388605	-1.6E+07	4447455
832.4	897068.8	-47.6491	11.82429	14391291	-1.6E+07	4443609
832.6	897061.4	-47.6413	11.81391	14393975	-1.6E+07	4439762
832.8	897053.9	-47.6335	11.80354	14396659	-1.6E+07	4435915
833	897046.4	-47.6257	11.79316	14399343	-1.6E+07	4432067
833.2	897039	-47.6179	11.78278	14402025	-1.6E+07	4428220
833.4	897031.5	-47.6101	11.7724	14404707	-1.6E+07	4424372

833.6	897024.1	-47.6023	11.76202	14407388	-1.6E+07	4420524
833.8	897016.6	-47.5945	11.75164	14410069	-1.6E+07	4416675
834	897009.2	-47.5867	11.74127	14412748	-1.6E+07	4412827
834.2	897001.7	-47.5789	11.73089	14415427	-1.6E+07	4408978
834.4	896994.3	-47.5711	11.72051	14418105	-1.6E+07	4405129
834.6	896986.9	-47.5634	11.71013	14420783	-1.6E+07	4401280
834.8	896979.4	-47.5556	11.69975	14423460	-1.6E+07	4397430
835	896972	-47.5478	11.68937	14426136	-1.6E+07	4393580
835.2	896964.5	-47.54	11.67899	14428811	-1.6E+07	4389730
835.4	896957.1	-47.5322	11.6686	14431485	-1.6E+07	4385880
835.6	896949.7	-47.5244	11.65822	14434159	-1.6E+07	4382030
835.8	896942.2	-47.5166	11.64784	14436832	-1.6E+07	4378179
836	896934.8	-47.5089	11.63746	14439504	-1.6E+07	4374328
836.2	896927.4	-47.5011	11.62708	14442176	-1.6E+07	4370477
836.4	896919.9	-47.4933	11.6167	14444847	-1.6E+07	4366625
836.6	896912.5	-47.4855	11.60631	14447517	-1.6E+07	4362774
836.8	896905.1	-47.4777	11.59593	14450186	-1.6E+07	4358922
837	896897.7	-47.47	11.58555	14452854	-1.6E+07	4355070
837.2	896890.2	-47.4622	11.57516	14455522	-1.6E+07	4351217
837.4	896882.8	-47.4544	11.56478	14458189	-1.6E+07	4347365
837.6	896875.4	-47.4466	11.5544	14460856	-1.6E+07	4343512
837.8	896868	-47.4388	11.54401	14463521	-1.6E+07	4339659
838	896860.6	-47.4311	11.53363	14466186	-1.6E+07	4335805
838.2	896853.2	-47.4233	11.52324	14468850	-1.6E+07	4331952
838.4	896845.8	-47.4155	11.51286	14471514	-1.6E+07	4328098
838.6	896838.3	-47.4077	11.50247	14474176	-1.6E+07	4324244
838.8	896830.9	-47.4	11.49209	14476838	-1.6E+07	4320390
839	896823.5	-47.3922	11.4817	14479499	-1.6E+07	4316535
839.2	896816.1	-47.3844	11.47131	14482160	-1.6E+07	4312680
839.4	896808.7	-47.3766	11.46093	14484819	-1.6E+07	4308825
839.6	896801.3	-47.3689	11.45054	14487478	-1.6E+07	4304970
839.8	896793.9	-47.3611	11.44015	14490136	-1.6E+07	4301115
840	896786.5	-47.3533	11.42977	14492794	-1.6E+07	4297259
840.2	896779.1	-47.3456	11.41938	14495451	-1.6E+07	4293403
840.4	896771.8	-47.3378	11.40899	14498106	-1.6E+07	4289547
840.6	896764.4	-47.33	11.3986	14500762	-1.6E+07	4285690
840.8	896757	-47.3222	11.38822	14503416	-1.6E+07	4281834
841	896749.6	-47.3145	11.37783	14506070	-1.6E+07	4277977
841.2	896742.2	-47.3067	11.36744	14508723	-1.6E+07	4274120
841.4	896734.8	-47.2989	11.35705	14511375	-1.6E+07	4270263
841.6	896727.4	-47.2912	11.34666	14514027	-1.6E+07	4266405
841.8	896720.1	-47.2834	11.33627	14516677	-1.6E+07	4262547
842	896712.7	-47.2756	11.32588	14519327	-1.6E+07	4258689
842.2	896705.3	-47.2679	11.31549	14521977	-1.6E+07	4254831
842.4	896697.9	-47.2601	11.3051	14524625	-1.6E+07	4250972
842.6	896690.6	-47.2524	11.29471	14527273	-1.6E+07	4247114
842.8	896683.2	-47.2446	11.28432	14529920	-1.6E+07	4243255

843	896675.8	-47.2368	11.27393	14532566	-1.6E+07	4239396
843.2	896668.4	-47.2291	11.26354	14535212	-1.6E+07	4235536
843.4	896661.1	-47.2213	11.25315	14537856	-1.6E+07	4231677
843.6	896653.7	-47.2136	11.24275	14540500	-1.6E+07	4227817
843.8	896646.4	-47.2058	11.23236	14543144	-1.6E+07	4223957
844	896639	-47.198	11.22197	14545786	-1.6E+07	4220096
844.2	896631.6	-47.1903	11.21158	14548428	-1.6E+07	4216236
844.4	896624.3	-47.1825	11.20118	14551069	-1.6E+07	4212375
844.6	896616.9	-47.1748	11.19079	14553710	-1.6E+07	4208514
844.8	896609.6	-47.167	11.1804	14556349	-1.6E+07	4204653
845	896602.2	-47.1593	11.17	14558988	-1.6E+07	4200791
845.2	896594.9	-47.1515	11.15961	14561626	-1.6E+07	4196930
845.4	896587.5	-47.1437	11.14922	14564263	-1.6E+07	4193068
845.6	896580.2	-47.136	11.13882	14566900	-1.6E+07	4189206
845.8	896572.8	-47.1282	11.12843	14569536	-1.6E+07	4185343
846	896565.5	-47.1205	11.11803	14572171	-1.6E+07	4181481
846.2	896558.1	-47.1127	11.10764	14574805	-1.6E+07	4177618
846.4	896550.8	-47.105	11.09724	14577439	-1.6E+07	4173755
846.6	896543.5	-47.0972	11.08685	14580072	-1.6E+07	4169891
846.8	896536.1	-47.0895	11.07645	14582704	-1.6E+07	4166028
847	896528.8	-47.0817	11.06605	14585335	-1.6E+07	4162164
847.2	896521.5	-47.074	11.05566	14587966	-1.6E+07	4158300
847.4	896514.1	-47.0662	11.04526	14590596	-1.6E+07	4154436
847.6	896506.8	-47.0585	11.03486	14593225	-1.6E+07	4150571
847.8	896499.5	-47.0507	11.02447	14595853	-1.6E+07	4146707
848	896492.2	-47.043	11.01407	14598481	-1.6E+07	4142842
848.2	896484.8	-47.0352	11.00367	14601108	-1.6E+07	4138977
848.4	896477.5	-47.0275	10.99327	14603734	-1.6E+07	4135111
848.6	896470.2	-47.0198	10.98287	14606359	-1.6E+07	4131246
848.8	896462.9	-47.012	10.97248	14608984	-1.6E+07	4127380
849	896455.6	-47.0043	10.96208	14611608	-1.6E+07	4123514
849.2	896448.3	-46.9965	10.95168	14614231	-1.6E+07	4119648
849.4	896441	-46.9888	10.94128	14616853	-1.6E+07	4115781
849.6	896433.6	-46.981	10.93088	14619475	-1.6E+07	4111915
849.8	896426.3	-46.9733	10.92048	14622096	-1.6E+07	4108048
850	896419	-46.9656	10.91008	14624716	-1.6E+07	4104181
850.2	896411.7	-46.9578	10.89968	14627335	-1.6E+07	4100313
850.4	896404.4	-46.9501	10.88928	14629954	-1.6E+07	4096446
850.6	896397.1	-46.9423	10.87888	14632572	-1.6E+07	4092578
850.8	896389.8	-46.9346	10.86848	14635189	-1.6E+07	4088710
851	896382.5	-46.9269	10.85808	14637806	-1.6E+07	4084842
851.2	896375.2	-46.9191	10.84767	14640421	-1.6E+07	4080973
851.4	896367.9	-46.9114	10.83727	14643036	-1.6E+07	4077105
851.6	896360.7	-46.9037	10.82687	14645650	-1.6E+07	4073236
851.8	896353.4	-46.8959	10.81647	14648264	-1.6E+07	4069367
852	896346.1	-46.8882	10.80606	14650876	-1.6E+07	4065497
852.2	896338.8	-46.8804	10.79566	14653488	-1.6E+07	4061628

852.4	896331.5	-46.8727	10.78526	14656099	-1.6E+07	4057758
852.6	896324.2	-46.865	10.77486	14658710	-1.6E+07	4053888
852.8	896316.9	-46.8572	10.76445	14661319	-1.6E+07	4050018
853	896309.7	-46.8495	10.75405	14663928	-1.6E+07	4046147
853.2	896302.4	-46.8418	10.74364	14666537	-1.6E+07	4042277
853.4	896295.1	-46.8341	10.73324	14669144	-1.6E+07	4038406
853.6	896287.8	-46.8263	10.72284	14671751	-1.6E+07	4034535
853.8	896280.6	-46.8186	10.71243	14674357	-1.6E+07	4030663
854	896273.3	-46.8109	10.70203	14676962	-1.6E+07	4026792
854.2	896266	-46.8031	10.69162	14679566	-1.6E+07	4022920
854.4	896258.8	-46.7954	10.68121	14682170	-1.6E+07	4019048
854.6	896251.5	-46.7877	10.67081	14684773	-1.6E+07	4015176
854.8	896244.2	-46.78	10.6604	14687375	-1.6E+07	4011303
855	896237	-46.7722	10.65	14689976	-1.6E+07	4007431
855.2	896229.7	-46.7645	10.63959	14692577	-1.6E+07	4003558
855.4	896222.5	-46.7568	10.62918	14695177	-1.6E+07	3999685
855.6	896215.2	-46.7491	10.61878	14697776	-1.6E+07	3995811
855.8	896208	-46.7413	10.60837	14700374	-1.6E+07	3991938
856	896200.7	-46.7336	10.59796	14702972	-1.6E+07	3988064
856.2	896193.5	-46.7259	10.58755	14705569	-1.6E+07	3984190
856.4	896186.2	-46.7182	10.57715	14708165	-1.6E+07	3980316
856.6	896179	-46.7104	10.56674	14710760	-1.6E+07	3976442
856.8	896171.7	-46.7027	10.55633	14713355	-1.6E+07	3972567
857	896164.5	-46.695	10.54592	14715949	-1.6E+07	3968692
857.2	896157.3	-46.6873	10.53551	14718542	-1.6E+07	3964817
857.4	896150	-46.6796	10.5251	14721134	-1.6E+07	3960942
857.6	896142.8	-46.6718	10.51469	14723726	-1.6E+07	3957067
857.8	896135.6	-46.6641	10.50428	14726317	-1.6E+07	3953191
858	896128.3	-46.6564	10.49387	14728907	-1.6E+07	3949315
858.2	896121.1	-46.6487	10.48346	14731496	-1.6E+07	3945439
858.4	896113.9	-46.641	10.47305	14734085	-1.6E+07	3941563
858.6	896106.6	-46.6333	10.46264	14736673	-1.6E+07	3937686
858.8	896099.4	-46.6255	10.45223	14739260	-1.6E+07	3933809
859	896092.2	-46.6178	10.44182	14741846	-1.6E+07	3929932
859.2	896085	-46.6101	10.43141	14744432	-1.6E+07	3926055
859.4	896077.8	-46.6024	10.421	14747017	-1.6E+07	3922178
859.6	896070.5	-46.5947	10.41059	14749601	-1.6E+07	3918300
859.8	896063.3	-46.587	10.40017	14752184	-1.6E+07	3914422
860	896056.1	-46.5793	10.38976	14754767	-1.6E+07	3910544
860.2	896048.9	-46.5716	10.37935	14757348	-1.6E+07	3906666
860.4	896041.7	-46.5638	10.36894	14759930	-1.6E+07	3902788
860.6	896034.5	-46.5561	10.35852	14762510	-1.6E+07	3898909
860.8	896027.3	-46.5484	10.34811	14765089	-1.6E+07	3895030
861	896020.1	-46.5407	10.3377	14767668	-1.6E+07	3891151
861.2	896012.9	-46.533	10.32728	14770246	-1.6E+07	3887272
861.4	896005.7	-46.5253	10.31687	14772824	-1.6E+07	3883392
861.6	895998.5	-46.5176	10.30645	14775400	-1.6E+07	3879512

861.8	895991.3	-46.5099	10.29604	14777976	-1.6E+07	3875632
862	895984.1	-46.5022	10.28562	14780551	-1.6E+07	3871752
862.2	895976.9	-46.4945	10.27521	14783125	-1.6E+07	3867872
862.4	895969.7	-46.4868	10.26479	14785699	-1.6E+07	3863991
862.6	895962.5	-46.4791	10.25438	14788271	-1.6E+07	3860110
862.8	895955.3	-46.4714	10.24396	14790843	-1.6E+07	3856229
863	895948.1	-46.4637	10.23355	14793415	-1.6E+07	3852348
863.2	895941	-46.4559	10.22313	14795985	-1.6E+07	3848467
863.4	895933.8	-46.4482	10.21272	14798555	-1.6E+07	3844585
863.6	895926.6	-46.4405	10.2023	14801124	-1.6E+07	3840703
863.8	895919.4	-46.4328	10.19188	14803692	-1.6E+07	3836821
864	895912.3	-46.4251	10.18146	14806259	-1.6E+07	3832939
864.2	895905.1	-46.4174	10.17105	14808826	-1.6E+07	3829057
864.4	895897.9	-46.4097	10.16063	14811392	-1.6E+07	3825174
864.6	895890.7	-46.402	10.15021	14813957	-1.6E+07	3821291
864.8	895883.6	-46.3943	10.13979	14816522	-1.6E+07	3817408
865	895876.4	-46.3866	10.12938	14819085	-1.6E+07	3813525
865.2	895869.2	-46.3789	10.11896	14821648	-1.6E+07	3809641
865.4	895862.1	-46.3713	10.10854	14824211	-1.6E+07	3805758
865.6	895854.9	-46.3636	10.09812	14826772	-1.6E+07	3801874
865.8	895847.8	-46.3559	10.0877	14829333	-1.6E+07	3797990
866	895840.6	-46.3482	10.07728	14831892	-1.6E+07	3794105
866.2	895833.5	-46.3405	10.06686	14834452	-1.6E+07	3790221
866.4	895826.3	-46.3328	10.05644	14837010	-1.6E+07	3786336
866.6	895819.2	-46.3251	10.04602	14839568	-1.6E+07	3782451
866.8	895812	-46.3174	10.0356	14842124	-1.6E+07	3778566
867	895804.9	-46.3097	10.02518	14844681	-1.6E+07	3774680
867.2	895797.7	-46.302	10.01476	14847236	-1.6E+07	3770795
867.4	895790.6	-46.2943	10.00434	14849790	-1.6E+07	3766909
867.6	895783.4	-46.2866	9.993918	14852344	-1.6E+07	3763023
867.8	895776.3	-46.2789	9.983496	14854897	-1.6E+07	3759137
868	895769.2	-46.2712	9.973074	14857450	-1.6E+07	3755251
868.2	895762	-46.2636	9.962652	14860001	-1.6E+07	3751364
868.4	895754.9	-46.2559	9.95223	14862552	-1.6E+07	3747477
868.6	895747.8	-46.2482	9.941808	14865102	-1.6E+07	3743590
868.8	895740.6	-46.2405	9.931385	14867651	-1.6E+07	3739703
869	895733.5	-46.2328	9.920963	14870200	-1.6E+07	3735816
869.2	895726.4	-46.2251	9.910539	14872747	-1.6E+07	3731928
869.4	895719.3	-46.2174	9.900116	14875294	-1.6E+07	3728040
869.6	895712.1	-46.2097	9.889693	14877841	-1.6E+07	3724152
869.8	895705	-46.2021	9.879269	14880386	-1.6E+07	3720264
870	895697.9	-46.1944	9.868845	14882931	-1.6E+07	3716376
870.2	895690.8	-46.1867	9.858421	14885475	-1.6E+07	3712487
870.4	895683.7	-46.179	9.847996	14888018	-1.6E+07	3708598
870.6	895676.6	-46.1713	9.837572	14890560	-1.6E+07	3704709
870.8	895669.5	-46.1636	9.827147	14893102	-1.6E+07	3700820
871	895662.3	-46.156	9.816722	14895643	-1.6E+07	3696930

871.2	895655.2	-46.1483	9.806296	14898183	-1.6E+07	3693041
871.4	895648.1	-46.1406	9.795871	14900722	-1.6E+07	3689151
871.6	895641	-46.1329	9.785445	14903261	-1.6E+07	3685261
871.8	895633.9	-46.1252	9.775019	14905799	-1.6E+07	3681371
872	895626.8	-46.1176	9.764593	14908336	-1.6E+07	3677480
872.2	895619.7	-46.1099	9.754166	14910872	-1.6E+07	3673590
872.4	895612.6	-46.1022	9.74374	14913408	-1.5E+07	3669699
872.6	895605.6	-46.0945	9.733313	14915943	-1.5E+07	3665808
872.8	895598.5	-46.0868	9.722886	14918477	-1.5E+07	3661917
873	895591.4	-46.0792	9.712458	14921010	-1.5E+07	3658025
873.2	895584.3	-46.0715	9.702031	14923543	-1.5E+07	3654134
873.4	895577.2	-46.0638	9.691603	14926074	-1.5E+07	3650242
873.6	895570.1	-46.0561	9.681175	14928605	-1.5E+07	3646350
873.8	895563	-46.0485	9.670747	14931136	-1.5E+07	3642457
874	895556	-46.0408	9.660318	14933665	-1.5E+07	3638565
874.2	895548.9	-46.0331	9.64989	14936194	-1.5E+07	3634672
874.4	895541.8	-46.0254	9.639461	14938722	-1.5E+07	3630780
874.6	895534.7	-46.0178	9.629032	14941249	-1.5E+07	3626887
874.8	895527.7	-46.0101	9.618603	14943775	-1.5E+07	3622993
875	895520.6	-46.0024	9.608173	14946301	-1.5E+07	3619100
875.2	895513.5	-45.9948	9.597743	14948826	-1.5E+07	3615206
875.4	895506.5	-45.9871	9.587313	14951350	-1.5E+07	3611313
875.6	895499.4	-45.9794	9.576883	14953873	-1.5E+07	3607419
875.8	895492.4	-45.9717	9.566453	14956396	-1.5E+07	3603524
876	895485.3	-45.9641	9.556022	14958918	-1.5E+07	3599630
876.2	895478.2	-45.9564	9.545591	14961439	-1.5E+07	3595735
876.4	895471.2	-45.9487	9.53516	14963959	-1.5E+07	3591841
876.6	895464.1	-45.9411	9.524729	14966479	-1.5E+07	3587946
876.8	895457.1	-45.9334	9.514297	14968997	-1.5E+07	3584050
877	895450	-45.9257	9.503865	14971515	-1.5E+07	3580155
877.2	895443	-45.9181	9.493433	14974033	-1.5E+07	3576259
877.4	895435.9	-45.9104	9.483001	14976549	-1.5E+07	3572364
877.6	895428.9	-45.9027	9.472569	14979065	-1.5E+07	3568468
877.8	895421.9	-45.8951	9.462136	14981580	-1.5E+07	3564572
878	895414.8	-45.8874	9.451703	14984094	-1.5E+07	3560675
878.2	895407.8	-45.8798	9.44127	14986608	-1.5E+07	3556779
878.4	895400.7	-45.8721	9.430837	14989120	-1.5E+07	3552882
878.6	895393.7	-45.8644	9.420404	14991632	-1.5E+07	3548985
878.8	895386.7	-45.8568	9.40997	14994143	-1.5E+07	3545088
879	895379.6	-45.8491	9.399536	14996654	-1.5E+07	3541191
879.2	895372.6	-45.8414	9.389102	14999163	-1.5E+07	3537293
879.4	895365.6	-45.8338	9.378668	15001672	-1.5E+07	3533395
879.6	895358.6	-45.8261	9.368233	15004180	-1.5E+07	3529498
879.8	895351.6	-45.8185	9.357798	15006687	-1.5E+07	3525599
880	895344.5	-45.8108	9.347363	15009194	-1.5E+07	3521701
880.2	895337.5	-45.8031	9.336928	15011700	-1.5E+07	3517803
880.4	895330.5	-45.7955	9.326493	15014205	-1.5E+07	3513904

880.6	895323.5	-45.7878	9.316057	15016709	-1.5E+07	3510005
880.8	895316.5	-45.7802	9.305621	15019212	-1.5E+07	3506106
881	895309.5	-45.7725	9.295185	15021715	-1.5E+07	3502207
881.2	895302.5	-45.7649	9.284749	15024217	-1.5E+07	3498308
881.4	895295.5	-45.7572	9.274312	15026718	-1.5E+07	3494408
881.6	895288.5	-45.7496	9.263876	15029219	-1.5E+07	3490508
881.8	895281.5	-45.7419	9.253439	15031718	-1.5E+07	3486608
882	895274.5	-45.7342	9.243002	15034217	-1.5E+07	3482708
882.2	895267.5	-45.7266	9.232564	15036715	-1.5E+07	3478808
882.4	895260.5	-45.7189	9.222127	15039213	-1.5E+07	3474907
882.6	895253.5	-45.7113	9.211689	15041709	-1.5E+07	3471006
882.8	895246.5	-45.7036	9.201251	15044205	-1.5E+07	3467105
883	895239.5	-45.696	9.190813	15046700	-1.5E+07	3463204
883.2	895232.5	-45.6883	9.180375	15049194	-1.5E+07	3459303
883.4	895225.5	-45.6807	9.169936	15051688	-1.5E+07	3455401
883.6	895218.5	-45.673	9.159497	15054180	-1.5E+07	3451500
883.8	895211.5	-45.6654	9.149058	15056672	-1.5E+07	3447598
884	895204.6	-45.6577	9.138619	15059164	-1.5E+07	3443696
884.2	895197.6	-45.6501	9.12818	15061654	-1.5E+07	3439794
884.4	895190.6	-45.6424	9.11774	15064144	-1.5E+07	3435891
884.6	895183.6	-45.6348	9.1073	15066633	-1.5E+07	3431988
884.8	895176.7	-45.6271	9.09686	15069121	-1.5E+07	3428086
885	895169.7	-45.6195	9.08642	15071608	-1.5E+07	3424183
885.2	895162.7	-45.6119	9.07598	15074095	-1.5E+07	3420279
885.4	895155.8	-45.6042	9.065539	15076580	-1.5E+07	3416376
885.6	895148.8	-45.5966	9.055098	15079066	-1.5E+07	3412472
885.8	895141.8	-45.5889	9.044657	15081550	-1.5E+07	3408569
886	895134.9	-45.5813	9.034216	15084033	-1.5E+07	3404665
886.2	895127.9	-45.5736	9.023774	15086516	-1.5E+07	3400761
886.4	895121	-45.566	9.013332	15088998	-1.5E+07	3396856
886.6	895114	-45.5583	9.00289	15091479	-1.5E+07	3392952
886.8	895107.1	-45.5507	8.992448	15093960	-1.5E+07	3389047
887	895100.1	-45.5431	8.982006	15096439	-1.5E+07	3385142
887.2	895093.2	-45.5354	8.971564	15098918	-1.5E+07	3381237
887.4	895086.2	-45.5278	8.961121	15101396	-1.5E+07	3377332
887.6	895079.3	-45.5201	8.950678	15103874	-1.5E+07	3373427
887.8	895072.3	-45.5125	8.940235	15106350	-1.5E+07	3369521
888	895065.4	-45.5049	8.929791	15108826	-1.5E+07	3365615
888.2	895058.5	-45.4972	8.919348	15111301	-1.5E+07	3361709
888.4	895051.5	-45.4896	8.908904	15113775	-1.5E+07	3357803
888.6	895044.6	-45.4819	8.89846	15116249	-1.5E+07	3353897
888.8	895037.7	-45.4743	8.888016	15118721	-1.5E+07	3349990
889	895030.7	-45.4667	8.877572	15121193	-1.5E+07	3346084
889.2	895023.8	-45.459	8.867127	15123665	-1.5E+07	3342177
889.4	895016.9	-45.4514	8.856682	15126135	-1.5E+07	3338270
889.6	895010	-45.4438	8.846237	15128605	-1.5E+07	3334363
889.8	895003	-45.4361	8.835792	15131074	-1.5E+07	3330455

890	894996.1	-45.4285	8.825347	15133542	-1.5E+07	3326548
890.2	894989.2	-45.4209	8.814901	15136009	-1.5E+07	3322640
890.4	894982.3	-45.4132	8.804455	15138475	-1.5E+07	3318732
890.6	894975.4	-45.4056	8.794009	15140941	-1.5E+07	3314824
890.8	894968.5	-45.398	8.783563	15143406	-1.5E+07	3310915
891	894961.6	-45.3903	8.773117	15145870	-1.5E+07	3307007
891.2	894954.7	-45.3827	8.76267	15148334	-1.5E+07	3303098
891.4	894947.8	-45.3751	8.752224	15150797	-1.5E+07	3299189
891.6	894940.9	-45.3674	8.741777	15153259	-1.5E+07	3295280
891.8	894934	-45.3598	8.731329	15155720	-1.5E+07	3291371
892	894927.1	-45.3522	8.720882	15158180	-1.5E+07	3287462
892.2	894920.2	-45.3445	8.710434	15160640	-1.5E+07	3283552
892.4	894913.3	-45.3369	8.699987	15163098	-1.5E+07	3279642
892.6	894906.4	-45.3293	8.689539	15165557	-1.5E+07	3275732
892.8	894899.5	-45.3217	8.679091	15168014	-1.5E+07	3271822
893	894892.6	-45.314	8.668642	15170470	-1.5E+07	3267912
893.2	894885.7	-45.3064	8.658194	15172926	-1.5E+07	3264002
893.4	894878.8	-45.2988	8.647745	15175381	-1.5E+07	3260091
893.6	894871.9	-45.2911	8.637296	15177835	-1.5E+07	3256180
893.8	894865.1	-45.2835	8.626847	15180289	-1.5E+07	3252269
894	894858.2	-45.2759	8.616397	15182741	-1.5E+07	3248358
894.2	894851.3	-45.2683	8.605948	15185193	-1.5E+07	3244447
894.4	894844.4	-45.2606	8.595498	15187644	-1.5E+07	3240535
894.6	894837.6	-45.253	8.585048	15190094	-1.5E+07	3236623
894.8	894830.7	-45.2454	8.574598	15192544	-1.5E+07	3232711
895	894823.8	-45.2378	8.564148	15194993	-1.5E+07	3228799
895.2	894817	-45.2302	8.553697	15197441	-1.5E+07	3224887
895.4	894810.1	-45.2225	8.543246	15199888	-1.5E+07	3220975
895.6	894803.2	-45.2149	8.532795	15202334	-1.5E+07	3217062
895.8	894796.4	-45.2073	8.522344	15204780	-1.5E+07	3213149
896	894789.5	-45.1997	8.511893	15207225	-1.5E+07	3209236
896.2	894782.7	-45.1921	8.501442	15209669	-1.5E+07	3205323
896.4	894775.8	-45.1844	8.49099	15212112	-1.5E+07	3201410
896.6	894769	-45.1768	8.480538	15214555	-1.5E+07	3197497
896.8	894762.1	-45.1692	8.470086	15216997	-1.5E+07	3193583
897	894755.3	-45.1616	8.459634	15219438	-1.5E+07	3189669
897.2	894748.4	-45.154	8.449181	15221878	-1.5E+07	3185755
897.4	894741.6	-45.1463	8.438728	15224317	-1.5E+07	3181841
897.6	894734.7	-45.1387	8.428276	15226756	-1.5E+07	3177927
897.8	894727.9	-45.1311	8.417822	15229194	-1.5E+07	3174012
898	894721.1	-45.1235	8.407369	15231631	-1.5E+07	3170097
898.2	894714.2	-45.1159	8.396916	15234068	-1.5E+07	3166183
898.4	894707.4	-45.1083	8.386462	15236503	-1.5E+07	3162268
898.6	894700.6	-45.1006	8.376008	15238938	-1.5E+07	3158352
898.8	894693.7	-45.093	8.365554	15241372	-1.5E+07	3154437
899	894686.9	-45.0854	8.3551	15243805	-1.5E+07	3150522
899.2	894680.1	-45.0778	8.344646	15246238	-1.5E+07	3146606



899.4	894673.3	-45.0702	8.334191	15248669	-1.5E+07	3142690
899.6	894666.4	-45.0626	8.323736	15251100	-1.5E+07	3138774
899.8	894659.6	-45.055	8.313281	15253530	-1.5E+07	3134858
900	894652.8	-45.0474	8.302826	15255960	-1.5E+07	3130941
900.2	894646	-45.0397	8.292371	15258388	-1.5E+07	3127025
900.4	894639.2	-45.0321	8.281915	15260816	-1.5E+07	3123108
900.6	894632.4	-45.0245	8.27146	15263243	-1.5E+07	3119191
900.8	894625.6	-45.0169	8.261004	15265669	-1.5E+07	3115274
901	894618.7	-45.0093	8.250548	15268095	-1.5E+07	3111357
901.2	894611.9	-45.0017	8.240091	15270520	-1.5E+07	3107439
901.4	894605.1	-44.9941	8.229635	15272944	-1.5E+07	3103522
901.6	894598.3	-44.9865	8.219178	15275367	-1.5E+07	3099604
901.8	894591.5	-44.9789	8.208721	15277789	-1.5E+07	3095686
902	894584.8	-44.9713	8.198264	15280211	-1.5E+07	3091768
902.2	894578	-44.9637	8.187807	15282631	-1.5E+07	3087850
902.4	894571.2	-44.956	8.17735	15285051	-1.5E+07	3083931
902.6	894564.4	-44.9484	8.166892	15287471	-1.5E+07	3080013
902.8	894557.6	-44.9408	8.156434	15289889	-1.5E+07	3076094
903	894550.8	-44.9332	8.145976	15292307	-1.5E+07	3072175
903.2	894544	-44.9256	8.135518	15294724	-1.5E+07	3068256
903.4	894537.2	-44.918	8.12506	15297140	-1.5E+07	3064337
903.6	894530.5	-44.9104	8.114601	15299555	-1.5E+07	3060417
903.8	894523.7	-44.9028	8.104143	15301970	-1.5E+07	3056498
904	894516.9	-44.8952	8.093684	15304384	-1.5E+07	3052578
904.2	894510.1	-44.8876	8.083225	15306797	-1.5E+07	3048658
904.4	894503.4	-44.88	8.072766	15309209	-1.5E+07	3044738
904.6	894496.6	-44.8724	8.062306	15311620	-1.5E+07	3040818
904.8	894489.8	-44.8648	8.051847	15314031	-1.5E+07	3036897
905	894483.1	-44.8572	8.041387	15316441	-1.5E+07	3032977
905.2	894476.3	-44.8496	8.030927	15318850	-1.5E+07	3029056
905.4	894469.5	-44.842	8.020467	15321258	-1.5E+07	3025135
905.6	894462.8	-44.8344	8.010006	15323666	-1.5E+07	3021214
905.8	894456	-44.8268	7.999546	15326073	-1.5E+07	3017293
906	894449.3	-44.8192	7.989085	15328479	-1.5E+07	3013371
906.2	894442.5	-44.8116	7.978624	15330884	-1.5E+07	3009450
906.4	894435.8	-44.804	7.968163	15333288	-1.5E+07	3005528
906.6	894429	-44.7964	7.957702	15335692	-1.5E+07	3001606
906.8	894422.3	-44.7888	7.94724	15338095	-1.5E+07	2997684
907	894415.5	-44.7812	7.936779	15340497	-1.5E+07	2993762
907.2	894408.8	-44.7736	7.926317	15342898	-1.5E+07	2989839
907.4	894402.1	-44.766	7.915855	15345299	-1.5E+07	2985917
907.6	894395.3	-44.7584	7.905393	15347699	-1.5E+07	2981994
907.8	894388.6	-44.7508	7.89493	15350097	-1.5E+07	2978071
908	894381.9	-44.7432	7.884468	15352496	-1.5E+07	2974148
908.2	894375.1	-44.7356	7.874005	15354893	-1.5E+07	2970225
908.4	894368.4	-44.7281	7.863542	15357290	-1.5E+07	2966302
908.6	894361.7	-44.7205	7.853079	15359686	-1.5E+07	2962378

908.8	894355	-44.7129	7.842616	15362081	-1.5E+07	2958454
909	894348.2	-44.7053	7.832152	15364475	-1.5E+07	2954531
909.2	894341.5	-44.6977	7.821689	15366868	-1.5E+07	2950607
909.4	894334.8	-44.6901	7.811225	15369261	-1.5E+07	2946682
909.6	894328.1	-44.6825	7.800761	15371653	-1.5E+07	2942758
909.8	894321.4	-44.6749	7.790297	15374044	-1.5E+07	2938834
910	894314.7	-44.6673	7.779833	15376434	-1.5E+07	2934909
910.2	894308	-44.6597	7.769369	15378824	-1.5E+07	2930984
910.4	894301.3	-44.6521	7.758904	15381213	-1.5E+07	2927059
910.6	894294.6	-44.6446	7.74844	15383601	-1.5E+07	2923134
910.8	894287.9	-44.637	7.737975	15385988	-1.5E+07	2919209
911	894281.2	-44.6294	7.72751	15388374	-1.5E+07	2915284
911.2	894274.5	-44.6218	7.717045	15390760	-1.5E+07	2911358
911.4	894267.8	-44.6142	7.706579	15393145	-1.5E+07	2907433
911.6	894261.1	-44.6066	7.696114	15395529	-1.5E+07	2903507
911.8	894254.4	-44.599	7.685648	15397912	-1.5E+07	2899581
912	894247.7	-44.5914	7.675182	15400294	-1.5E+07	2895655
912.2	894241	-44.5839	7.664716	15402676	-1.5E+07	2891728
912.4	894234.3	-44.5763	7.65425	15405057	-1.5E+07	2887802
912.6	894227.6	-44.5687	7.643783	15407437	-1.5E+07	2883875
912.8	894220.9	-44.5611	7.633317	15409816	-1.5E+07	2879948
913	894214.2	-44.5535	7.62285	15412195	-1.5E+07	2876021
913.2	894207.6	-44.5459	7.612383	15414573	-1.5E+07	2872094
913.4	894200.9	-44.5384	7.601916	15416950	-1.5E+07	2868167
913.6	894194.2	-44.5308	7.591449	15419326	-1.5E+07	2864240
913.8	894187.5	-44.5232	7.580982	15421701	-1.5E+07	2860312
914	894180.9	-44.5156	7.570514	15424076	-1.5E+07	2856384
914.2	894174.2	-44.508	7.560046	15426450	-1.5E+07	2852456
914.4	894167.5	-44.5004	7.549578	15428823	-1.5E+07	2848528
914.6	894160.9	-44.4929	7.53911	15431195	-1.5E+07	2844600
914.8	894154.2	-44.4853	7.528642	15433566	-1.5E+07	2840672
915	894147.5	-44.4777	7.518173	15435937	-1.5E+07	2836743
915.2	894140.9	-44.4701	7.507705	15438307	-1.5E+07	2832815
915.4	894134.2	-44.4625	7.497236	15440676	-1.5E+07	2828886
915.6	894127.6	-44.455	7.486767	15443045	-1.5E+07	2824957
915.8	894120.9	-44.4474	7.476298	15445412	-1.5E+07	2821028
916	894114.3	-44.4398	7.465828	15447779	-1.5E+07	2817099
916.2	894107.6	-44.4322	7.455359	15450145	-1.5E+07	2813169
916.4	894101	-44.4247	7.444889	15452510	-1.5E+07	2809240
916.6	894094.3	-44.4171	7.43442	15454874	-1.5E+07	2805310
916.8	894087.7	-44.4095	7.42395	15457238	-1.5E+07	2801380
917	894081	-44.4019	7.413479	15459601	-1.5E+07	2797450
917.2	894074.4	-44.3943	7.403009	15461963	-1.5E+07	2793520
917.4	894067.8	-44.3868	7.392539	15464324	-1.5E+07	2789589
917.6	894061.1	-44.3792	7.382068	15466685	-1.5E+07	2785659
917.8	894054.5	-44.3716	7.371597	15469044	-1.5E+07	2781728
918	894047.9	-44.3641	7.361126	15471403	-1.5E+07	2777797

918.2	894041.2	-44.3565	7.350655	15473761	-1.5E+07	2773866
918.4	894034.6	-44.3489	7.340184	15476119	-1.5E+07	2769935
918.6	894028	-44.3413	7.329712	15478475	-1.5E+07	2766004
918.8	894021.4	-44.3338	7.31924	15480831	-1.5E+07	2762073
919	894014.8	-44.3262	7.308769	15483186	-1.5E+07	2758141
919.2	894008.2	-44.3186	7.298297	15485540	-1.5E+07	2754209
919.4	894001.6	-44.311	7.287824	15487894	-1.5E+07	2750278
919.6	893995	-44.3035	7.277352	15490246	-1.5E+07	2746346
919.8	893988.3	-44.2959	7.26688	15492598	-1.5E+07	2742413
920	893981.7	-44.2883	7.256407	15494949	-1.5E+07	2738481
920.2	893975.1	-44.2808	7.245934	15497299	-1.5E+07	2734549
920.4	893968.6	-44.2732	7.235461	15499649	-1.5E+07	2730616
920.6	893962	-44.2656	7.224988	15501997	-1.5E+07	2726683
920.8	893955.4	-44.2581	7.214515	15504345	-1.5E+07	2722750
921	893948.8	-44.2505	7.204041	15506692	-1.5E+07	2718817
921.2	893942.2	-44.2429	7.193567	15509039	-1.5E+07	2714884
921.4	893935.6	-44.2354	7.183094	15511384	-1.5E+07	2710951
921.6	893929	-44.2278	7.17262	15513729	-1.5E+07	2707017
921.8	893922.4	-44.2202	7.162145	15516073	-1.5E+07	2703084
922	893915.9	-44.2127	7.151671	15518416	-1.5E+07	2699150
922.2	893909.3	-44.2051	7.141197	15520758	-1.5E+07	2695216
922.4	893902.7	-44.1975	7.130722	15523100	-1.5E+07	2691282
922.6	893896.1	-44.19	7.120247	15525441	-1.5E+07	2687348
922.8	893889.6	-44.1824	7.109772	15527781	-1.5E+07	2683413
923	893883	-44.1748	7.099297	15530120	-1.5E+07	2679479
923.2	893876.4	-44.1673	7.088822	15532458	-1.5E+07	2675544
923.4	893869.9	-44.1597	7.078347	15534796	-1.5E+07	2671609
923.6	893863.3	-44.1521	7.067871	15537133	-1.5E+07	2667675
923.8	893856.7	-44.1446	7.057395	15539469	-1.5E+07	2663739
924	893850.2	-44.137	7.046919	15541804	-1.5E+07	2659804
924.2	893843.6	-44.1294	7.036443	15544138	-1.5E+07	2655869
924.4	893837.1	-44.1219	7.025967	15546472	-1.5E+07	2651933
924.6	893830.5	-44.1143	7.015491	15548805	-1.5E+07	2647998
924.8	893824	-44.1068	7.005014	15551137	-1.5E+07	2644062
925	893817.4	-44.0992	6.994537	15553468	-1.5E+07	2640126
925.2	893810.9	-44.0916	6.98406	15555799	-1.5E+07	2636190
925.4	893804.3	-44.0841	6.973583	15558128	-1.5E+07	2632253
925.6	893797.8	-44.0765	6.963106	15560457	-1.5E+07	2628317
925.8	893791.2	-44.069	6.952629	15562785	-1.5E+07	2624381
926	893784.7	-44.0614	6.942151	15565113	-1.5E+07	2620444
926.2	893778.2	-44.0538	6.931674	15567439	-1.5E+07	2616507
926.4	893771.6	-44.0463	6.921196	15569765	-1.5E+07	2612570
926.6	893765.1	-44.0387	6.910718	15572090	-1.5E+07	2608633
926.8	893758.6	-44.0312	6.90024	15574414	-1.5E+07	2604696
927	893752.1	-44.0236	6.889761	15576738	-1.5E+07	2600758
927.2	893745.5	-44.0161	6.879283	15579060	-1.5E+07	2596821
927.4	893739	-44.0085	6.868804	15581382	-1.5E+07	2592883

927.6	893732.5	-44.0009	6.858325	15583703	-1.5E+07	2588945
927.8	893726	-43.9934	6.847847	15586023	-1.5E+07	2585007
928	893719.5	-43.9858	6.837367	15588343	-1.5E+07	2581069
928.2	893712.9	-43.9783	6.826888	15590661	-1.5E+07	2577131
928.4	893706.4	-43.9707	6.816409	15592979	-1.5E+07	2573193
928.6	893699.9	-43.9632	6.805929	15595296	-1.5E+07	2569254
928.8	893693.4	-43.9556	6.79545	15597612	-1.5E+07	2565316
929	893686.9	-43.9481	6.78497	15599928	-1.5E+07	2561377
929.2	893680.4	-43.9405	6.77449	15602243	-1.5E+07	2557438
929.4	893673.9	-43.933	6.76401	15604556	-1.5E+07	2553499
929.6	893667.4	-43.9254	6.753529	15606869	-1.5E+07	2549560
929.8	893660.9	-43.9179	6.743049	15609182	-1.5E+07	2545620
930	893654.4	-43.9103	6.732568	15611493	-1.5E+07	2541681
930.2	893647.9	-43.9027	6.722087	15613804	-1.5E+07	2537741
930.4	893641.4	-43.8952	6.711606	15616114	-1.5E+07	2533801
930.6	893634.9	-43.8876	6.701125	15618423	-1.5E+07	2529861
930.8	893628.4	-43.8801	6.690644	15620731	-1.5E+07	2525921
931	893622	-43.8725	6.680163	15623039	-1.5E+07	2521981
931.2	893615.5	-43.865	6.669681	15625346	-1.5E+07	2518041
931.4	893609	-43.8574	6.659199	15627651	-1.5E+07	2514100
931.6	893602.5	-43.8499	6.648718	15629957	-1.5E+07	2510160
931.8	893596	-43.8424	6.638236	15632261	-1.5E+07	2506219
932	893589.6	-43.8348	6.627753	15634564	-1.5E+07	2502278
932.2	893583.1	-43.8273	6.617271	15636867	-1.5E+07	2498337
932.4	893576.6	-43.8197	6.606789	15639169	-1.5E+07	2494396
932.6	893570.1	-43.8122	6.596306	15641470	-1.5E+07	2490455
932.8	893563.7	-43.8046	6.585823	15643771	-1.5E+07	2486513
933	893557.2	-43.7971	6.57534	15646070	-1.5E+07	2482572
933.2	893550.7	-43.7895	6.564857	15648369	-1.5E+07	2478630
933.4	893544.3	-43.782	6.554374	15650667	-1.5E+07	2474688
933.6	893537.8	-43.7744	6.543891	15652964	-1.5E+07	2470746
933.8	893531.4	-43.7669	6.533407	15655261	-1.5E+07	2466804
934	893524.9	-43.7593	6.522924	15657556	-1.5E+07	2462862
934.2	893518.4	-43.7518	6.51244	15659851	-1.5E+07	2458920
934.4	893512	-43.7443	6.501956	15662145	-1.5E+07	2454977
934.6	893505.5	-43.7367	6.491472	15664438	-1.5E+07	2451035
934.8	893499.1	-43.7292	6.480988	15666731	-1.5E+07	2447092
935	893492.7	-43.7216	6.470503	15669022	-1.5E+07	2443149
935.2	893486.2	-43.7141	6.460019	15671313	-1.5E+07	2439206
935.4	893479.8	-43.7065	6.449534	15673603	-1.5E+07	2435263
935.6	893473.3	-43.699	6.439049	15675892	-1.5E+07	2431320
935.8	893466.9	-43.6915	6.428564	15678181	-1.5E+07	2427376
936	893460.5	-43.6839	6.418079	15680468	-1.5E+07	2423433
936.2	893454	-43.6764	6.407594	15682755	-1.5E+07	2419489
936.4	893447.6	-43.6688	6.397109	15685041	-1.5E+07	2415545
936.6	893441.2	-43.6613	6.386623	15687327	-1.5E+07	2411601
936.8	893434.7	-43.6538	6.376137	15689611	-1.5E+07	2407657

937	893428.3	-43.6462	6.365652	15691895	-1.5E+07	2403713
937.2	893421.9	-43.6387	6.355166	15694178	-1.5E+07	2399769
937.4	893415.5	-43.6311	6.34468	15696460	-1.5E+07	2395824
937.6	893409	-43.6236	6.334193	15698741	-1.5E+07	2391880
937.8	893402.6	-43.6161	6.323707	15701021	-1.5E+07	2387935
938	893396.2	-43.6085	6.31322	15703301	-1.5E+07	2383990
938.2	893389.8	-43.601	6.302734	15705580	-1.5E+07	2380045
938.4	893383.4	-43.5934	6.292247	15707858	-1.5E+07	2376100
938.6	893377	-43.5859	6.28176	15710135	-1.5E+07	2372155
938.8	893370.6	-43.5784	6.271273	15712412	-1.5E+07	2368209
939	893364.2	-43.5708	6.260786	15714687	-1.5E+07	2364264
939.2	893357.8	-43.5633	6.250298	15716962	-1.5E+07	2360318
939.4	893351.4	-43.5558	6.239811	15719236	-1.5E+07	2356373
939.6	893345	-43.5482	6.229323	15721510	-1.5E+07	2352427
939.8	893338.6	-43.5407	6.218836	15723782	-1.5E+07	2348481
940	893332.2	-43.5332	6.208348	15726054	-1.5E+07	2344535
940.2	893325.8	-43.5256	6.19786	15728325	-1.5E+07	2340588
940.4	893319.4	-43.5181	6.187372	15730595	-1.5E+07	2336642
940.6	893313	-43.5106	6.176883	15732864	-1.5E+07	2332696
940.8	893306.6	-43.503	6.166395	15735133	-1.5E+07	2328749
941	893300.3	-43.4955	6.155906	15737400	-1.5E+07	2324802
941.2	893293.9	-43.488	6.145417	15739667	-1.5E+07	2320855
941.4	893287.5	-43.4804	6.134929	15741933	-1.5E+07	2316908
941.6	893281.1	-43.4729	6.12444	15744199	-1.5E+07	2312961
941.8	893274.7	-43.4654	6.113951	15746463	-1.5E+07	2309014
942	893268.4	-43.4578	6.103461	15748727	-1.5E+07	2305067
942.2	893262	-43.4503	6.092972	15750990	-1.5E+07	2301119
942.4	893255.6	-43.4428	6.082482	15753252	-1.5E+07	2297172
942.6	893249.3	-43.4352	6.071993	15755513	-1.5E+07	2293224
942.8	893242.9	-43.4277	6.061503	15757774	-1.5E+07	2289276
943	893236.5	-43.4202	6.051013	15760033	-1.5E+07	2285328
943.2	893230.2	-43.4126	6.040523	15762292	-1.5E+07	2281380
943.4	893223.8	-43.4051	6.030033	15764550	-1.5E+07	2277432
943.6	893217.5	-43.3976	6.019542	15766808	-1.5E+07	2273483
943.8	893211.1	-43.3901	6.009052	15769064	-1.5E+07	2269535
944	893204.8	-43.3825	5.998561	15771320	-1.5E+07	2265586
944.2	893198.4	-43.375	5.988071	15773575	-1.5E+07	2261638
944.4	893192.1	-43.3675	5.97758	15775829	-1.5E+07	2257689
944.6	893185.7	-43.3599	5.967089	15778082	-1.5E+07	2253740
944.8	893179.4	-43.3524	5.956597	15780335	-1.5E+07	2249791
945	893173.1	-43.3449	5.946106	15782586	-1.5E+07	2245841
945.2	893166.7	-43.3374	5.935615	15784837	-1.5E+07	2241892
945.4	893160.4	-43.3298	5.925123	15787087	-1.5E+07	2237943
945.6	893154.1	-43.3223	5.914632	15789336	-1.5E+07	2233993
945.8	893147.7	-43.3148	5.90414	15791585	-1.5E+07	2230043
946	893141.4	-43.3073	5.893648	15793833	-1.5E+07	2226094
946.2	893135.1	-43.2997	5.883156	15796080	-1.5E+07	2222144

946.4	893128.7	-43.2922	5.872664	15798326	-1.5E+07	2218194
946.6	893122.4	-43.2847	5.862171	15800571	-1.5E+07	2214243
946.8	893116.1	-43.2772	5.851679	15802815	-1.5E+07	2210293
947	893109.8	-43.2696	5.841186	15805059	-1.5E+07	2206343
947.2	893103.5	-43.2621	5.830693	15807302	-1.5E+07	2202392
947.4	893097.2	-43.2546	5.820201	15809544	-1.5E+07	2198442
947.6	893090.8	-43.2471	5.809708	15811785	-1.5E+07	2194491
947.8	893084.5	-43.2396	5.799214	15814026	-1.5E+07	2190540
948	893078.2	-43.232	5.788721	15816265	-1.5E+07	2186589
948.2	893071.9	-43.2245	5.778228	15818504	-1.5E+07	2182638
948.4	893065.6	-43.217	5.767734	15820742	-1.5E+07	2178686
948.6	893059.3	-43.2095	5.757241	15822980	-1.5E+07	2174735
948.8	893053	-43.2019	5.746747	15825216	-1.5E+07	2170784
949	893046.7	-43.1944	5.736253	15827452	-1.5E+07	2166832
949.2	893040.4	-43.1869	5.725759	15829686	-1.5E+07	2162880
949.4	893034.1	-43.1794	5.715265	15831921	-1.5E+07	2158929
949.6	893027.8	-43.1719	5.704771	15834154	-1.5E+07	2154977
949.8	893021.6	-43.1643	5.694276	15836386	-1.5E+07	2151024
950	893015.3	-43.1568	5.683782	15838618	-1.5E+07	2147072
950.2	893009	-43.1493	5.673287	15840849	-1.5E+07	2143120
950.4	893002.7	-43.1418	5.662792	15843079	-1.5E+07	2139168
950.6	892996.4	-43.1343	5.652297	15845308	-1.5E+07	2135215
950.8	892990.2	-43.1268	5.641802	15847536	-1.5E+07	2131262
951	892983.9	-43.1192	5.631307	15849764	-1.5E+07	2127310
951.2	892977.6	-43.1117	5.620812	15851991	-1.5E+07	2123357
951.4	892971.3	-43.1042	5.610316	15854217	-1.5E+07	2119404
951.6	892965.1	-43.0967	5.599821	15856442	-1.5E+07	2115451
951.8	892958.8	-43.0892	5.589325	15858666	-1.5E+07	2111497
952	892952.5	-43.0817	5.578829	15860890	-1.5E+07	2107544
952.2	892946.3	-43.0741	5.568333	15863113	-1.5E+07	2103591
952.4	892940	-43.0666	5.557837	15865335	-1.5E+07	2099637
952.6	892933.8	-43.0591	5.547341	15867556	-1.5E+07	2095683
952.8	892927.5	-43.0516	5.536845	15869776	-1.5E+07	2091730
953	892921.2	-43.0441	5.526348	15871996	-1.5E+07	2087776
953.2	892915	-43.0366	5.515852	15874215	-1.5E+07	2083822
953.4	892908.7	-43.029	5.505355	15876432	-1.5E+07	2079868
953.6	892902.5	-43.0215	5.494858	15878650	-1.5E+07	2075913
953.8	892896.3	-43.014	5.484361	15880866	-1.5E+07	2071959
954	892890	-43.0065	5.473864	15883082	-1.5E+07	2068005
954.2	892883.8	-42.999	5.463367	15885296	-1.5E+07	2064050
954.4	892877.6	-42.9915	5.45287	15887510	-1.5E+07	2060095
954.6	892871.4	-42.984	5.442372	15889723	-1.5E+07	2056141
954.8	892865.2	-42.9765	5.431875	15891936	-1.5E+07	2052186
955	892859	-42.9689	5.421377	15894147	-1.5E+07	2048231
955.2	892852.8	-42.9614	5.41088	15896358	-1.5E+07	2044276
955.4	892846.6	-42.9539	5.400382	15898568	-1.5E+07	2040320
955.6	892840.4	-42.9464	5.389884	15900777	-1.5E+07	2036365

955.8	892834.2	-42.9389	5.379386	15902985	-1.5E+07	2032410
956	892828	-42.9314	5.368888	15905193	-1.5E+07	2028454
956.2	892821.8	-42.9239	5.35839	15907399	-1.5E+07	2024498
956.4	892815.6	-42.9164	5.347891	15909605	-1.5E+07	2020543
956.6	892809.5	-42.9089	5.337393	15911810	-1.5E+07	2016587
956.8	892803.3	-42.9014	5.326894	15914014	-1.5E+07	2012631
957	892797.1	-42.8938	5.316396	15916218	-1.5E+07	2008675
957.2	892790.9	-42.8863	5.305897	15918421	-1.5E+07	2004719
957.4	892784.7	-42.8788	5.295398	15920622	-1.5E+07	2000763
957.6	892778.6	-42.8713	5.284899	15922823	-1.5E+07	1996806
957.8	892772.4	-42.8638	5.2744	15925024	-1.5E+07	1992850
958	892766.2	-42.8563	5.263901	15927223	-1.5E+07	1988893
958.2	892760.1	-42.8488	5.253401	15929422	-1.5E+07	1984937
958.4	892753.9	-42.8413	5.242902	15931619	-1.5E+07	1980980
958.6	892747.7	-42.8338	5.232402	15933816	-1.5E+07	1977023
958.8	892741.6	-42.8263	5.221903	15936012	-1.5E+07	1973066
959	892735.4	-42.8188	5.211403	15938208	-1.5E+07	1969109
959.2	892729.3	-42.8113	5.200903	15940402	-1.5E+07	1965152
959.4	892723.1	-42.8038	5.190403	15942596	-1.5E+07	1961194
959.6	892717	-42.7963	5.179903	15944789	-1.5E+07	1957237
959.8	892710.8	-42.7888	5.169403	15946981	-1.5E+07	1953279
960	892704.7	-42.7812	5.158902	15949173	-1.5E+07	1949322
960.2	892698.5	-42.7737	5.148402	15951363	-1.5E+07	1945364
960.4	892692.4	-42.7662	5.137901	15953553	-1.5E+07	1941406
960.6	892686.2	-42.7587	5.1274	15955742	-1.5E+07	1937448
960.8	892680.1	-42.7512	5.1169	15957930	-1.5E+07	1933490
961	892674	-42.7437	5.106399	15960117	-1.5E+07	1929532
961.2	892667.8	-42.7362	5.095898	15962303	-1.5E+07	1925574
961.4	892661.7	-42.7287	5.085396	15964489	-1.5E+07	1921615
961.6	892655.6	-42.7212	5.074895	15966674	-1.5E+07	1917657
961.8	892649.4	-42.7137	5.064394	15968858	-1.5E+07	1913698
962	892643.3	-42.7062	5.053892	15971041	-1.5E+07	1909740
962.2	892637.2	-42.6987	5.04339	15973224	-1.5E+07	1905781
962.4	892631.1	-42.6912	5.032889	15975405	-1.5E+07	1901822
962.6	892625	-42.6837	5.022387	15977586	-1.5E+07	1897863
962.8	892618.8	-42.6762	5.011885	15979766	-1.5E+07	1893904
963	892612.7	-42.6687	5.001383	15981945	-1.5E+07	1889945
963.2	892606.6	-42.6612	4.99088	15984124	-1.5E+07	1885985
963.4	892600.5	-42.6537	4.980378	15986301	-1.5E+07	1882026
963.6	892594.4	-42.6462	4.969876	15988478	-1.5E+07	1878066
963.8	892588.3	-42.6387	4.959373	15990654	-1.5E+07	1874107
964	892582.2	-42.6312	4.94887	15992829	-1.5E+07	1870147
964.2	892576	-42.6237	4.938368	15995003	-1.5E+07	1866187
964.4	892569.9	-42.6162	4.927865	15997177	-1.5E+07	1862227
964.6	892563.8	-42.6087	4.917362	15999349	-1.5E+07	1858267
964.8	892557.7	-42.6012	4.906859	16001521	-1.5E+07	1854307
965	892551.6	-42.5937	4.896355	16003692	-1.5E+07	1850347

965.2	892545.5	-42.5862	4.885852	16005863	-1.5E+07	1846387
965.4	892539.4	-42.5787	4.875348	16008032	-1.5E+07	1842426
965.6	892533.3	-42.5712	4.864845	16010201	-1.5E+07	1838466
965.8	892527.2	-42.5637	4.854341	16012368	-1.5E+07	1834505
966	892521.1	-42.5562	4.843837	16014535	-1.5E+07	1830545
966.2	892515	-42.5487	4.833333	16016702	-1.5E+07	1826584
966.4	892508.9	-42.5412	4.822829	16018867	-1.5E+07	1822623
966.6	892502.8	-42.5337	4.812325	16021032	-1.5E+07	1818662
966.8	892496.8	-42.5262	4.801821	16023195	-1.5E+07	1814701
967	892490.7	-42.5187	4.791317	16025358	-1.5E+07	1810739
967.2	892484.6	-42.5113	4.780812	16027520	-1.5E+07	1806778
967.4	892478.5	-42.5038	4.770308	16029682	-1.5E+07	1802817
967.6	892472.4	-42.4963	4.759803	16031842	-1.5E+07	1798855
967.8	892466.3	-42.4888	4.749298	16034002	-1.5E+07	1794894
968	892460.3	-42.4813	4.738793	16036161	-1.5E+07	1790932
968.2	892454.2	-42.4738	4.728288	16038319	-1.5E+07	1786970
968.4	892448.1	-42.4663	4.717783	16040476	-1.5E+07	1783008
968.6	892442	-42.4588	4.707278	16042633	-1.5E+07	1779046
968.8	892436	-42.4513	4.696773	16044788	-1.5E+07	1775084
969	892429.9	-42.4438	4.686267	16046943	-1.5E+07	1771122
969.2	892423.8	-42.4363	4.675762	16049097	-1.5E+07	1767160
969.4	892417.8	-42.4288	4.665256	16051250	-1.5E+07	1763197
969.6	892411.7	-42.4213	4.65475	16053403	-1.5E+07	1759235
969.8	892405.6	-42.4138	4.644244	16055554	-1.5E+07	1755272
970	892399.6	-42.4063	4.633738	16057705	-1.5E+07	1751310
970.2	892393.5	-42.3988	4.623232	16059855	-1.5E+07	1747347
970.4	892387.5	-42.3914	4.612726	16062004	-1.5E+07	1743384
970.6	892381.4	-42.3839	4.60222	16064152	-1.5E+07	1739421
970.8	892375.3	-42.3764	4.591714	16066300	-1.5E+07	1735458
971	892369.3	-42.3689	4.581207	16068446	-1.5E+07	1731495
971.2	892363.3	-42.3614	4.5707	16070592	-1.5E+07	1727531
971.4	892357.2	-42.3539	4.560194	16072737	-1.5E+07	1723568
971.6	892351.2	-42.3464	4.549687	16074882	-1.5E+07	1719605
971.8	892345.1	-42.3389	4.53918	16077025	-1.5E+07	1715641
972	892339.1	-42.3314	4.528673	16079168	-1.5E+07	1711678
972.2	892333	-42.3239	4.518166	16081309	-1.5E+07	1707714
972.4	892327	-42.3165	4.507659	16083450	-1.5E+07	1703750
972.6	892321	-42.309	4.497151	16085591	-1.5E+07	1699786
972.8	892314.9	-42.3015	4.486644	16087730	-1.5E+07	1695822
973	892308.9	-42.294	4.476136	16089869	-1.5E+07	1691858
973.2	892302.9	-42.2865	4.465629	16092006	-1.5E+07	1687894
973.4	892296.9	-42.279	4.455121	16094143	-1.5E+07	1683930
973.6	892290.8	-42.2715	4.444613	16096279	-1.5E+07	1679965
973.8	892284.8	-42.264	4.434105	16098415	-1.5E+07	1676001
974	892278.8	-42.2566	4.423597	16100549	-1.5E+07	1672036
974.2	892272.8	-42.2491	4.413089	16102683	-1.5E+07	1668072
974.4	892266.8	-42.2416	4.402581	16104815	-1.5E+07	1664107



974.6	892260.7	-42.2341	4.392072	16106947	-1.5E+07	1660142
974.8	892254.7	-42.2266	4.381564	16109079	-1.5E+07	1656177
975	892248.7	-42.2191	4.371055	16111209	-1.5E+07	1652212
975.2	892242.7	-42.2116	4.360547	16113339	-1.5E+07	1648247
975.4	892236.7	-42.2041	4.350038	16115467	-1.5E+07	1644282
975.6	892230.7	-42.1967	4.339529	16117595	-1.5E+07	1640317
975.8	892224.7	-42.1892	4.32902	16119722	-1.5E+07	1636351
976	892218.7	-42.1817	4.318511	16121849	-1.5E+07	1632386
976.2	892212.7	-42.1742	4.308002	16123974	-1.5E+07	1628421
976.4	892206.7	-42.1667	4.297493	16126099	-1.5E+07	1624455
976.6	892200.7	-42.1592	4.286983	16128223	-1.5E+07	1620489
976.8	892194.8	-42.1518	4.276474	16130346	-1.5E+07	1616523
977	892188.8	-42.1443	4.265964	16132468	-1.5E+07	1612558
977.2	892182.8	-42.1368	4.255455	16134589	-1.5E+07	1608592
977.4	892176.8	-42.1293	4.244945	16136710	-1.5E+07	1604625
977.6	892170.8	-42.1218	4.234435	16138830	-1.5E+07	1600659
977.8	892164.8	-42.1143	4.223925	16140949	-1.5E+07	1596693
978	892158.9	-42.1069	4.213415	16143067	-1.5E+07	1592727
978.2	892152.9	-42.0994	4.202905	16145184	-1.5E+07	1588760
978.4	892146.9	-42.0919	4.192395	16147301	-1.5E+07	1584794
978.6	892141	-42.0844	4.181885	16149416	-1.5E+07	1580827
978.8	892135	-42.0769	4.171374	16151531	-1.5E+07	1576861
979	892129	-42.0694	4.160864	16153645	-1.5E+07	1572894
979.2	892123.1	-42.062	4.150353	16155758	-1.5E+07	1568927
979.4	892117.1	-42.0545	4.139842	16157871	-1.5E+07	1564960
979.6	892111.2	-42.047	4.129332	16159982	-1.5E+07	1560993
979.8	892105.2	-42.0395	4.118821	16162093	-1.5E+07	1557026
980	892099.2	-42.032	4.10831	16164203	-1.5E+07	1553059
980.2	892093.3	-42.0246	4.097799	16166312	-1.5E+07	1549092
980.4	892087.4	-42.0171	4.087287	16168421	-1.5E+07	1545124
980.6	892081.4	-42.0096	4.076776	16170528	-1.5E+07	1541157
980.8	892075.5	-42.0021	4.066265	16172635	-1.5E+07	1537189
981	892069.5	-41.9946	4.055753	16174741	-1.5E+07	1533222
981.2	892063.6	-41.9872	4.045242	16176846	-1.5E+07	1529254
981.4	892057.6	-41.9797	4.03473	16178950	-1.5E+07	1525286
981.6	892051.7	-41.9722	4.024218	16181053	-1.5E+07	1521318
981.8	892045.8	-41.9647	4.013707	16183156	-1.5E+07	1517351
982	892039.9	-41.9572	4.003195	16185257	-1.5E+07	1513383
982.2	892033.9	-41.9498	3.992683	16187358	-1.5E+07	1509414
982.4	892028	-41.9423	3.982171	16189459	-1.5E+07	1505446
982.6	892022.1	-41.9348	3.971658	16191558	-1.5E+07	1501478
982.8	892016.2	-41.9273	3.961146	16193656	-1.5E+07	1497510
983	892010.2	-41.9199	3.950634	16195754	-1.5E+07	1493541
983.2	892004.3	-41.9124	3.940121	16197851	-1.5E+07	1489573
983.4	891998.4	-41.9049	3.929609	16199947	-1.5E+07	1485604
983.6	891992.5	-41.8974	3.919096	16202042	-1.5E+07	1481636
983.8	891986.6	-41.89	3.908583	16204136	-1.5E+07	1477667

984	891980.7	-41.8825	3.89807	16206230	-1.5E+07	1473698
984.2	891974.8	-41.875	3.887558	16208323	-1.5E+07	1469729
984.4	891968.9	-41.8675	3.877045	16210414	-1.5E+07	1465760
984.6	891963	-41.86	3.866531	16212506	-1.5E+07	1461791
984.8	891957.1	-41.8526	3.856018	16214596	-1.5E+07	1457822
985	891951.2	-41.8451	3.845505	16216685	-1.5E+07	1453853
985.2	891945.3	-41.8376	3.834992	16218774	-1.5E+07	1449883
985.4	891939.4	-41.8301	3.824478	16220862	-1.5E+07	1445914
985.6	891933.5	-41.8227	3.813965	16222949	-1.5E+07	1441944
985.8	891927.6	-41.8152	3.803451	16225035	-1.5E+07	1437975
986	891921.7	-41.8077	3.792937	16227120	-1.5E+07	1434005
986.2	891915.9	-41.8002	3.782424	16229205	-1.5E+07	1430036
986.4	891910	-41.7928	3.77191	16231288	-1.5E+07	1426066
986.6	891904.1	-41.7853	3.761396	16233371	-1.5E+07	1422096
986.8	891898.2	-41.7778	3.750882	16235453	-1.5E+07	1418126
987	891892.3	-41.7704	3.740368	16237535	-1.5E+07	1414156
987.2	891886.5	-41.7629	3.729853	16239615	-1.5E+07	1410186
987.4	891880.6	-41.7554	3.719339	16241694	-1.4E+07	1406216
987.6	891874.7	-41.7479	3.708825	16243773	-1.4E+07	1402246
987.8	891868.9	-41.7405	3.69831	16245851	-1.4E+07	1398275
988	891863	-41.733	3.687796	16247928	-1.4E+07	1394305
988.2	891857.1	-41.7255	3.677281	16250005	-1.4E+07	1390335
988.4	891851.3	-41.718	3.666766	16252080	-1.4E+07	1386364
988.6	891845.4	-41.7106	3.656251	16254155	-1.4E+07	1382393
988.8	891839.6	-41.7031	3.645737	16256229	-1.4E+07	1378423
989	891833.7	-41.6956	3.635222	16258302	-1.4E+07	1374452
989.2	891827.9	-41.6882	3.624706	16260374	-1.4E+07	1370481
989.4	891822	-41.6807	3.614191	16262445	-1.4E+07	1366510
989.6	891816.2	-41.6732	3.603676	16264516	-1.4E+07	1362539
989.8	891810.3	-41.6657	3.593161	16266585	-1.4E+07	1358568
990	891804.5	-41.6583	3.582645	16268654	-1.4E+07	1354597
990.2	891798.7	-41.6508	3.57213	16270722	-1.4E+07	1350626
990.4	891792.8	-41.6433	3.561614	16272790	-1.4E+07	1346655
990.6	891787	-41.6359	3.551099	16274856	-1.4E+07	1342683
990.8	891781.2	-41.6284	3.540583	16276922	-1.4E+07	1338712
991	891775.3	-41.6209	3.530067	16278986	-1.4E+07	1334740
991.2	891769.5	-41.6135	3.519551	16281050	-1.4E+07	1330769
991.4	891763.7	-41.606	3.509035	16283113	-1.4E+07	1326797
991.6	891757.9	-41.5985	3.498519	16285176	-1.4E+07	1322825
991.8	891752	-41.5911	3.488003	16287237	-1.4E+07	1318854
992	891746.2	-41.5836	3.477487	16289298	-1.4E+07	1314882
992.2	891740.4	-41.5761	3.466971	16291358	-1.4E+07	1310910
992.4	891734.6	-41.5686	3.456454	16293417	-1.4E+07	1306938
992.6	891728.8	-41.5612	3.445938	16295475	-1.4E+07	1302966
992.8	891723	-41.5537	3.435421	16297532	-1.4E+07	1298994
993	891717.2	-41.5462	3.424905	16299589	-1.4E+07	1295021
993.2	891711.3	-41.5388	3.414388	16301644	-1.4E+07	1291049

993.4	891705.5	-41.5313	3.403871	16303699	-1.4E+07	1287077
993.6	891699.7	-41.5238	3.393354	16305753	-1.4E+07	1283104
993.8	891693.9	-41.5164	3.382837	16307807	-1.4E+07	1279132
994	891688.1	-41.5089	3.37232	16309859	-1.4E+07	1275159
994.2	891682.4	-41.5014	3.361803	16311911	-1.4E+07	1271187
994.4	891676.6	-41.494	3.351286	16313961	-1.4E+07	1267214
994.6	891670.8	-41.4865	3.340769	16316011	-1.4E+07	1263241
994.8	891665	-41.479	3.330252	16318060	-1.4E+07	1259268
995	891659.2	-41.4716	3.319734	16320109	-1.4E+07	1255295
995.2	891653.4	-41.4641	3.309217	16322156	-1.4E+07	1251323
995.4	891647.6	-41.4566	3.298699	16324203	-1.4E+07	1247349
995.6	891641.9	-41.4492	3.288182	16326249	-1.4E+07	1243376
995.8	891636.1	-41.4417	3.277664	16328294	-1.4E+07	1239403
996	891630.3	-41.4343	3.267146	16330338	-1.4E+07	1235430
996.2	891624.5	-41.4268	3.256628	16332381	-1.4E+07	1231457
996.4	891618.8	-41.4193	3.24611	16334424	-1.4E+07	1227483
996.6	891613	-41.4119	3.235592	16336465	-1.4E+07	1223510
996.8	891607.2	-41.4044	3.225074	16338506	-1.4E+07	1219536
997	891601.5	-41.3969	3.214556	16340546	-1.4E+07	1215563
997.2	891595.7	-41.3895	3.204038	16342585	-1.4E+07	1211589
997.4	891589.9	-41.382	3.19352	16344624	-1.4E+07	1207615
997.6	891584.2	-41.3745	3.183001	16346661	-1.4E+07	1203642
997.8	891578.4	-41.3671	3.172483	16348698	-1.4E+07	1199668
998	891572.7	-41.3596	3.161964	16350734	-1.4E+07	1195694
998.2	891566.9	-41.3521	3.151446	16352769	-1.4E+07	1191720
998.4	891561.2	-41.3447	3.140927	16354803	-1.4E+07	1187746
998.6	891555.5	-41.3372	3.130408	16356837	-1.4E+07	1183772
998.8	891549.7	-41.3298	3.11989	16358869	-1.4E+07	1179798
999	891544	-41.3223	3.109371	16360901	-1.4E+07	1175823
999.2	891538.2	-41.3148	3.098852	16362932	-1.4E+07	1171849
999.4	891532.5	-41.3074	3.088333	16364962	-1.4E+07	1167875
999.6	891526.8	-41.2999	3.077814	16366991	-1.4E+07	1163900
999.8	891521.1	-41.2924	3.067295	16369020	-1.4E+07	1159926
1000	891515.3	-41.285	3.056775	16371047	-1.4E+07	1155951
1000.2	891509.6	-41.2775	3.046256	16373074	-1.4E+07	1151977
1000.4	891503.9	-41.2701	3.035737	16375100	-1.4E+07	1148002
1000.6	891498.2	-41.2626	3.025217	16377125	-1.4E+07	1144027
1000.8	891492.5	-41.2551	3.014698	16379150	-1.4E+07	1140053
1001	891486.7	-41.2477	3.004178	16381173	-1.4E+07	1136078
1001.2	891481	-41.2402	2.993658	16383196	-1.4E+07	1132103
1001.4	891475.3	-41.2328	2.983139	16385218	-1.4E+07	1128128
1001.6	891469.6	-41.2253	2.972619	16387239	-1.4E+07	1124153
1001.8	891463.9	-41.2178	2.962099	16389259	-1.4E+07	1120178
1002	891458.2	-41.2104	2.951579	16391278	-1.4E+07	1116202
1002.2	891452.5	-41.2029	2.941059	16393297	-1.4E+07	1112227
1002.4	891446.8	-41.1955	2.930539	16395314	-1.4E+07	1108252
1002.6	891441.1	-41.188	2.920019	16397331	-1.4E+07	1104277

1002.8	891435.4	-41.1805	2.909499	16399347	-1.4E+07	1100301
1003	891429.7	-41.1731	2.898978	16401363	-1.4E+07	1096326
1003.2	891424.1	-41.1656	2.888458	16403377	-1.4E+07	1092350
1003.4	891418.4	-41.1582	2.877938	16405391	-1.4E+07	1088375
1003.6	891412.7	-41.1507	2.867417	16407403	-1.4E+07	1084399
1003.8	891407	-41.1432	2.856897	16409415	-1.4E+07	1080423
1004	891401.3	-41.1358	2.846376	16411426	-1.4E+07	1076448
1004.2	891395.7	-41.1283	2.835855	16413436	-1.4E+07	1072472
1004.4	891390	-41.1209	2.825335	16415446	-1.4E+07	1068496
1004.6	891384.3	-41.1134	2.814814	16417454	-1.4E+07	1064520
1004.8	891378.7	-41.1059	2.804293	16419462	-1.4E+07	1060544
1005	891373	-41.0985	2.793772	16421469	-1.4E+07	1056568
1005.2	891367.3	-41.091	2.783251	16423475	-1.4E+07	1052592
1005.4	891361.7	-41.0836	2.77273	16425480	-1.4E+07	1048616
1005.6	891356	-41.0761	2.762209	16427485	-1.4E+07	1044639
1005.8	891350.4	-41.0687	2.751688	16429489	-1.4E+07	1040663
1006	891344.7	-41.0612	2.741166	16431491	-1.4E+07	1036687
1006.2	891339	-41.0537	2.730645	16433493	-1.4E+07	1032710
1006.4	891333.4	-41.0463	2.720124	16435494	-1.4E+07	1028734
1006.6	891327.8	-41.0388	2.709602	16437495	-1.4E+07	1024757
1006.8	891322.1	-41.0314	2.699081	16439494	-1.4E+07	1020781
1007	891316.5	-41.0239	2.688559	16441493	-1.4E+07	1016804
1007.2	891310.8	-41.0165	2.678037	16443491	-1.4E+07	1012828
1007.4	891305.2	-41.009	2.667516	16445487	-1.4E+07	1008851
1007.6	891299.6	-41.0016	2.656994	16447484	-1.4E+07	1004874
1007.8	891293.9	-40.9941	2.646472	16449479	-1.4E+07	1000897
1008	891288.3	-40.9866	2.63595	16451473	-1.4E+07	996920.4
1008.2	891282.7	-40.9792	2.625428	16453467	-1.4E+07	992943.4
1008.4	891277	-40.9717	2.614906	16455460	-1.4E+07	988966.4
1008.6	891271.4	-40.9643	2.604384	16457452	-1.4E+07	984989.4
1008.8	891265.8	-40.9568	2.593862	16459443	-1.4E+07	981012.3
1009	891260.2	-40.9494	2.58334	16461433	-1.4E+07	977035.1
1009.2	891254.6	-40.9419	2.572817	16463423	-1.4E+07	973057.9
1009.4	891248.9	-40.9345	2.562295	16465411	-1.4E+07	969080.6
1009.6	891243.3	-40.927	2.551773	16467399	-1.4E+07	965103.3
1009.8	891237.7	-40.9195	2.54125	16469386	-1.4E+07	961126
1010	891232.1	-40.9121	2.530728	16471372	-1.4E+07	957148.5
1010.2	891226.5	-40.9046	2.520205	16473358	-1.4E+07	953171.1
1010.4	891220.9	-40.8972	2.509683	16475342	-1.4E+07	949193.5
1010.6	891215.3	-40.8897	2.49916	16477326	-1.4E+07	945216
1010.8	891209.7	-40.8823	2.488637	16479309	-1.4E+07	941238.3
1011	891204.1	-40.8748	2.478114	16481291	-1.4E+07	937260.7
1011.2	891198.5	-40.8674	2.467591	16483272	-1.4E+07	933282.9
1011.4	891192.9	-40.8599	2.457069	16485252	-1.4E+07	929305.1
1011.6	891187.3	-40.8525	2.446546	16487232	-1.4E+07	925327.3
1011.8	891181.8	-40.845	2.436023	16489210	-1.4E+07	921349.4
1012	891176.2	-40.8375	2.425499	16491188	-1.4E+07	917371.5

1012.2	891170.6	-40.8301	2.414976	16493165	-1.4E+07	913393.5
1012.4	891165	-40.8226	2.404453	16495141	-1.4E+07	909415.5
1012.6	891159.4	-40.8152	2.39393	16497117	-1.4E+07	905437.4
1012.8	891153.9	-40.8077	2.383406	16499091	-1.4E+07	901459.3
1013	891148.3	-40.8003	2.372883	16501065	-1.4E+07	897481.1
1013.2	891142.7	-40.7928	2.36236	16503038	-1.4E+07	893502.9
1013.4	891137.1	-40.7854	2.351836	16505010	-1.4E+07	889524.6
1013.6	891131.6	-40.7779	2.341313	16506981	-1.4E+07	885546.3
1013.8	891126	-40.7705	2.330789	16508951	-1.4E+07	881567.9
1014	891120.5	-40.763	2.320265	16510921	-1.4E+07	877589.5
1014.2	891114.9	-40.7556	2.309742	16512889	-1.4E+07	873611
1014.4	891109.4	-40.7481	2.299218	16514857	-1.4E+07	869632.5
1014.6	891103.8	-40.7407	2.288694	16516824	-1.4E+07	865653.9
1014.8	891098.2	-40.7332	2.27817	16518790	-1.4E+07	861675.3
1015	891092.7	-40.7258	2.267646	16520756	-1.4E+07	857696.7
1015.2	891087.2	-40.7183	2.257122	16522720	-1.4E+07	853718
1015.4	891081.6	-40.7109	2.246598	16524684	-1.4E+07	849739.2
1015.6	891076.1	-40.7034	2.236074	16526647	-1.4E+07	845760.4
1015.8	891070.5	-40.696	2.22555	16528609	-1.4E+07	841781.6
1016	891065	-40.6885	2.215026	16530570	-1.4E+07	837802.7
1016.2	891059.5	-40.6811	2.204502	16532530	-1.4E+07	833823.7
1016.4	891053.9	-40.6736	2.193977	16534490	-1.4E+07	829844.8
1016.6	891048.4	-40.6662	2.183453	16536449	-1.4E+07	825865.7
1016.8	891042.9	-40.6587	2.172928	16538406	-1.4E+07	821886.7
1017	891037.3	-40.6513	2.162404	16540363	-1.4E+07	817907.6
1017.2	891031.8	-40.6438	2.151879	16542320	-1.4E+07	813928.4
1017.4	891026.3	-40.6364	2.141355	16544275	-1.4E+07	809949.2
1017.6	891020.8	-40.6289	2.13083	16546229	-1.4E+07	805970
1017.8	891015.3	-40.6215	2.120306	16548183	-1.4E+07	801990.7
1018	891009.7	-40.614	2.109781	16550136	-1.4E+07	798011.3
1018.2	891004.2	-40.6066	2.099256	16552088	-1.4E+07	794031.9
1018.4	890998.7	-40.5991	2.088731	16554039	-1.4E+07	790052.5
1018.6	890993.2	-40.5917	2.078206	16555989	-1.4E+07	786073.1
1018.8	890987.7	-40.5842	2.067682	16557939	-1.4E+07	782093.6
1019	890982.2	-40.5768	2.057157	16559887	-1.4E+07	778114
1019.2	890976.7	-40.5693	2.046632	16561835	-1.4E+07	774134.4
1019.4	890971.2	-40.5619	2.036106	16563782	-1.4E+07	770154.8
1019.6	890965.7	-40.5544	2.025581	16565728	-1.4E+07	766175.1
1019.8	890960.2	-40.547	2.015056	16567674	-1.4E+07	762195.4
1020	890954.7	-40.5395	2.004531	16569618	-1.4E+07	758215.6
1020.2	890949.2	-40.5321	1.994006	16571562	-1.4E+07	754235.8
1020.4	890943.8	-40.5246	1.98348	16573505	-1.4E+07	750256
1020.6	890938.3	-40.5172	1.972955	16575447	-1.4E+07	746276.1
1020.8	890932.8	-40.5097	1.96243	16577388	-1.4E+07	742296.2
1021	890927.3	-40.5023	1.951904	16579328	-1.4E+07	738316.2
1021.2	890921.8	-40.4948	1.941379	16581267	-1.4E+07	734336.2
1021.4	890916.4	-40.4874	1.930853	16583206	-1.4E+07	730356.2

1021.6	890910.9	-40.4799	1.920328	16585144	-1.4E+07	726376.1
1021.8	890905.4	-40.4725	1.909802	16587081	-1.4E+07	722396
1022	890899.9	-40.465	1.899276	16589017	-1.4E+07	718415.8
1022.2	890894.5	-40.4576	1.88875	16590952	-1.4E+07	714435.6
1022.4	890889	-40.4501	1.878225	16592887	-1.4E+07	710455.4
1022.6	890883.5	-40.4427	1.867699	16594820	-1.4E+07	706475.1
1022.8	890878.1	-40.4352	1.857173	16596753	-1.4E+07	702494.8
1023	890872.6	-40.4278	1.846647	16598685	-1.4E+07	698514.4
1023.2	890867.2	-40.4203	1.836121	16600616	-1.4E+07	694534
1023.4	890861.7	-40.4129	1.825595	16602546	-1.4E+07	690553.6
1023.6	890856.3	-40.4055	1.815069	16604476	-1.4E+07	686573.1
1023.8	890850.8	-40.398	1.804543	16606404	-1.4E+07	682592.6
1024	890845.4	-40.3906	1.794017	16608332	-1.4E+07	678612.1
1024.2	890839.9	-40.3831	1.783491	16610259	-1.4E+07	674631.5
1024.4	890834.5	-40.3757	1.772964	16612185	-1.4E+07	670650.9
1024.6	890829.1	-40.3682	1.762438	16614110	-1.4E+07	666670.2
1024.8	890823.6	-40.3608	1.751912	16616034	-1.4E+07	662689.5
1025	890818.2	-40.3533	1.741385	16617958	-1.4E+07	658708.8
1025.2	890812.8	-40.3459	1.730859	16619881	-1.4E+07	654728
1025.4	890807.3	-40.3384	1.720333	16621803	-1.4E+07	650747.2
1025.6	890801.9	-40.331	1.709806	16623724	-1.4E+07	646766.4
1025.8	890796.5	-40.3235	1.69928	16625644	-1.4E+07	642785.5
1026	890791	-40.3161	1.688753	16627563	-1.4E+07	638804.6
1026.2	890785.6	-40.3086	1.678226	16629482	-1.4E+07	634823.7
1026.4	890780.2	-40.3012	1.6677	16631399	-1.4E+07	630842.7
1026.6	890774.8	-40.2938	1.657173	16633316	-1.4E+07	626861.7
1026.8	890769.4	-40.2863	1.646646	16635232	-1.4E+07	622880.7
1027	890764	-40.2789	1.63612	16637147	-1.4E+07	618899.6
1027.2	890758.6	-40.2714	1.625593	16639062	-1.4E+07	614918.5
1027.4	890753.2	-40.264	1.615066	16640975	-1.4E+07	610937.4
1027.6	890747.8	-40.2565	1.604539	16642888	-1.4E+07	606956.2
1027.8	890742.4	-40.2491	1.594012	16644800	-1.4E+07	602975
1028	890737	-40.2416	1.583485	16646710	-1.4E+07	598993.7
1028.2	890731.6	-40.2342	1.572958	16648621	-1.4E+07	595012.5
1028.4	890726.2	-40.2267	1.562431	16650530	-1.4E+07	591031.2
1028.6	890720.8	-40.2193	1.551904	16652438	-1.4E+07	587049.8
1028.8	890715.4	-40.2119	1.541377	16654346	-1.4E+07	583068.4
1029	890710	-40.2044	1.53085	16656253	-1.4E+07	579087
1029.2	890704.6	-40.197	1.520323	16658159	-1.4E+07	575105.6
1029.4	890699.2	-40.1895	1.509795	16660064	-1.4E+07	571124.2
1029.6	890693.9	-40.1821	1.499268	16661968	-1.4E+07	567142.7
1029.8	890688.5	-40.1746	1.488741	16663871	-1.4E+07	563161.1
1030	890683.1	-40.1672	1.478213	16665774	-1.4E+07	559179.6
1030.2	890677.7	-40.1597	1.467686	16667676	-1.4E+07	555198
1030.4	890672.4	-40.1523	1.457159	16669577	-1.4E+07	551216.4
1030.6	890667	-40.1449	1.446631	16671477	-1.4E+07	547234.8
1030.8	890661.6	-40.1374	1.436104	16673376	-1.4E+07	543253.1

1031	890656.3	-40.13	1.425576	16675274	-1.4E+07	539271.4
1031.2	890650.9	-40.1225	1.415049	16677172	-1.4E+07	535289.7
1031.4	890645.5	-40.1151	1.404521	16679068	-1.4E+07	531307.9
1031.6	890640.2	-40.1076	1.393994	16680964	-1.4E+07	527326.1
1031.8	890634.8	-40.1002	1.383466	16682859	-1.4E+07	523344.3
1032	890629.5	-40.0928	1.372938	16684753	-1.4E+07	519362.5
1032.2	890624.1	-40.0853	1.362411	16686647	-1.4E+07	515380.6
1032.4	890618.8	-40.0779	1.351883	16688539	-1.4E+07	511398.7
1032.6	890613.4	-40.0704	1.341355	16690431	-1.4E+07	507416.8
1032.8	890608.1	-40.063	1.330827	16692321	-1.4E+07	503434.9
1033	890602.7	-40.0555	1.320299	16694211	-1.4E+07	499452.9
1033.2	890597.4	-40.0481	1.309772	16696100	-1.4E+07	495470.9
1033.4	890592	-40.0406	1.299244	16697989	-1.4E+07	491488.9
1033.6	890586.7	-40.0332	1.288716	16699876	-1.4E+07	487506.8
1033.8	890581.4	-40.0258	1.278188	16701763	-1.4E+07	483524.7
1034	890576	-40.0183	1.26766	16703648	-1.4E+07	479542.6
1034.2	890570.7	-40.0109	1.257132	16705533	-1.4E+07	475560.5
1034.4	890565.4	-40.0034	1.246604	16707417	-1.4E+07	471578.3
1034.6	890560.1	-39.996	1.236076	16709301	-1.4E+07	467596.1
1034.8	890554.7	-39.9885	1.225547	16711183	-1.4E+07	463613.9
1035	890549.4	-39.9811	1.215019	16713064	-1.4E+07	459631.7
1035.2	890544.1	-39.9737	1.204491	16714945	-1.4E+07	455649.4
1035.4	890538.8	-39.9662	1.193963	16716825	-1.4E+07	451667.2
1035.6	890533.5	-39.9588	1.183435	16718704	-1.4E+07	447684.9
1035.8	890528.1	-39.9513	1.172906	16720582	-1.4E+07	443702.5
1036	890522.8	-39.9439	1.162378	16722459	-1.4E+07	439720.2
1036.2	890517.5	-39.9365	1.15185	16724336	-1.4E+07	435737.8
1036.4	890512.2	-39.929	1.141321	16726211	-1.4E+07	431755.4
1036.6	890506.9	-39.9216	1.130793	16728086	-1.4E+07	427773
1036.8	890501.6	-39.9141	1.120265	16729960	-1.4E+07	423790.5
1037	890496.3	-39.9067	1.109736	16731833	-1.4E+07	419808
1037.2	890491	-39.8992	1.099208	16733705	-1.4E+07	415825.6
1037.4	890485.7	-39.8918	1.088679	16735577	-1.4E+07	411843
1037.6	890480.4	-39.8844	1.078151	16737447	-1.4E+07	407860.5
1037.8	890475.1	-39.8769	1.067622	16739317	-1.4E+07	403877.9
1038	890469.9	-39.8695	1.057093	16741186	-1.4E+07	399895.4
1038.2	890464.6	-39.862	1.046565	16743054	-1.4E+07	395912.8
1038.4	890459.3	-39.8546	1.036036	16744921	-1.4E+07	391930.1
1038.6	890454	-39.8471	1.025508	16746787	-1.4E+07	387947.5
1038.8	890448.7	-39.8397	1.014979	16748653	-1.4E+07	383964.8
1039	890443.4	-39.8323	1.00445	16750518	-1.4E+07	379982.1
1039.2	890438.2	-39.8248	0.993921	16752381	-1.4E+07	375999.4
1039.4	890432.9	-39.8174	0.983393	16754244	-1.4E+07	372016.7
1039.6	890427.6	-39.8099	0.972864	16756106	-1.4E+07	368034
1039.8	890422.4	-39.8025	0.962335	16757968	-1.4E+07	364051.2
1040	890417.1	-39.7951	0.951806	16759828	-1.4E+07	360068.4
1040.2	890411.8	-39.7876	0.941277	16761688	-1.4E+07	356085.6

1040.4	890406.6	-39.7802	0.930748	16763546	-1.4E+07	352102.8
1040.6	890401.3	-39.7727	0.920219	16765404	-1.4E+07	348119.9
1040.8	890396.1	-39.7653	0.909691	16767261	-1.4E+07	344137.1
1041	890390.8	-39.7579	0.899162	16769118	-1.4E+07	340154.2
1041.2	890385.5	-39.7504	0.888633	16770973	-1.4E+07	336171.3
1041.4	890380.3	-39.743	0.878104	16772827	-1.4E+07	332188.4
1041.6	890375.1	-39.7355	0.867575	16774681	-1.4E+07	328205.4
1041.8	890369.8	-39.7281	0.857045	16776534	-1.4E+07	324222.5
1042	890364.6	-39.7207	0.846516	16778386	-1.4E+07	320239.5
1042.2	890359.3	-39.7132	0.835987	16780237	-1.4E+07	316256.5
1042.4	890354.1	-39.7058	0.825458	16782087	-1.4E+07	312273.5
1042.6	890348.8	-39.6983	0.814929	16783937	-1.4E+07	308290.5
1042.8	890343.6	-39.6909	0.8044	16785785	-1.4E+07	304307.5
1043	890338.4	-39.6834	0.793871	16787633	-1.4E+07	300324.4
1043.2	890333.2	-39.676	0.783341	16789480	-1.4E+07	296341.3
1043.4	890327.9	-39.6686	0.772812	16791326	-1.4E+07	292358.3
1043.6	890322.7	-39.6611	0.762283	16793171	-1.4E+07	288375.1
1043.8	890317.5	-39.6537	0.751754	16795016	-1.4E+07	284392
1044	890312.3	-39.6462	0.741224	16796859	-1.4E+07	280408.9
1044.2	890307	-39.6388	0.730695	16798702	-1.4E+07	276425.7
1044.4	890301.8	-39.6314	0.720166	16800544	-1.4E+07	272442.6
1044.6	890296.6	-39.6239	0.709636	16802384	-1.4E+07	268459.4
1044.8	890291.4	-39.6165	0.699107	16804225	-1.4E+07	264476.2
1045	890286.2	-39.609	0.688578	16806064	-1.4E+07	260493
1045.2	890281	-39.6016	0.678048	16807902	-1.4E+07	256509.8
1045.4	890275.8	-39.5942	0.667519	16809740	-1.4E+07	252526.5
1045.6	890270.6	-39.5867	0.656989	16811577	-1.4E+07	248543.3
1045.8	890265.4	-39.5793	0.64646	16813413	-1.4E+07	244560
1046	890260.2	-39.5718	0.63593	16815248	-1.4E+07	240576.7
1046.2	890255	-39.5644	0.625401	16817082	-1.4E+07	236593.5
1046.4	890249.8	-39.557	0.614871	16818915	-1.4E+07	232610.2
1046.6	890244.6	-39.5495	0.604342	16820748	-1.4E+07	228626.8
1046.8	890239.4	-39.5421	0.593812	16822579	-1.4E+07	224643.5
1047	890234.2	-39.5346	0.583282	16824410	-1.4E+07	220660.2
1047.2	890229	-39.5272	0.572753	16826240	-1.4E+07	216676.8
1047.4	890223.9	-39.5198	0.562223	16828069	-1.4E+07	212693.5
1047.6	890218.7	-39.5123	0.551694	16829897	-1.4E+07	208710.1
1047.8	890213.5	-39.5049	0.541164	16831725	-1.4E+07	204726.7
1048	890208.3	-39.4974	0.530634	16833551	-1.4E+07	200743.3
1048.2	890203.2	-39.49	0.520104	16835377	-1.4E+07	196759.9
1048.4	890198	-39.4826	0.509575	16837202	-1.4E+07	192776.5
1048.6	890192.8	-39.4751	0.499045	16839026	-1.4E+07	188793
1048.8	890187.7	-39.4677	0.488515	16840849	-1.4E+07	184809.6
1049	890182.5	-39.4602	0.477986	16842672	-1.4E+07	180826.1
1049.2	890177.3	-39.4528	0.467456	16844493	-1.4E+07	176842.7
1049.4	890172.2	-39.4454	0.456926	16846314	-1.4E+07	172859.2
1049.6	890167	-39.4379	0.446396	16848134	-1.4E+07	168875.7



1049.8	890161.9	-39.4305	0.435866	16849952	-1.4E+07	164892.2
1050	890156.7	-39.423	0.425337	16851771	-1.4E+07	160908.8
1050.2	890151.6	-39.4156	0.414807	16853588	-1.4E+07	156925.2
1050.4	890146.4	-39.4082	0.404277	16855404	-1.4E+07	152941.7
1050.6	890141.3	-39.4007	0.393747	16857220	-1.4E+07	148958.2
1050.8	890136.1	-39.3933	0.383217	16859034	-1.4E+07	144974.7
1051	890131	-39.3859	0.372687	16860848	-1.4E+07	140991.1
1051.2	890125.9	-39.3784	0.362157	16862661	-1.4E+07	137007.6
1051.4	890120.7	-39.371	0.351627	16864473	-1.4E+07	133024
1051.6	890115.6	-39.3635	0.341097	16866285	-1.4E+07	129040.5
1051.8	890110.5	-39.3561	0.330567	16868095	-1.4E+07	125056.9
1052	890105.3	-39.3487	0.320037	16869905	-1.4E+07	121073.3
1052.2	890100.2	-39.3412	0.309507	16871714	-1.4E+07	117089.7
1052.4	890095.1	-39.3338	0.298978	16873522	-1.4E+07	113106.2
1052.6	890090	-39.3263	0.288448	16875329	-1.4E+07	109122.6
1052.8	890084.8	-39.3189	0.277917	16877135	-1.4E+07	105139
1053	890079.7	-39.3115	0.267387	16878940	-1.4E+07	101155.4
1053.2	890074.6	-39.304	0.256857	16880745	-1.4E+07	97171.73
1053.4	890069.5	-39.2966	0.246327	16882548	-1.4E+07	93188.12
1053.6	890064.4	-39.2891	0.235797	16884351	-1.4E+07	89204.49
1053.8	890059.3	-39.2817	0.225267	16886153	-1.4E+07	85220.87
1054	890054.2	-39.2743	0.214737	16887954	-1.4E+07	81237.23
1054.2	890049.1	-39.2668	0.204207	16889754	-1.4E+07	77253.6
1054.4	890044	-39.2594	0.193677	16891554	-1.4E+07	73269.95
1054.6	890038.9	-39.2519	0.183147	16893352	-1.4E+07	69286.31
1054.8	890033.8	-39.2445	0.172617	16895150	-1.4E+07	65302.66
1055	890028.7	-39.2371	0.162087	16896947	-1.4E+07	61319.01
1055.2	890023.6	-39.2296	0.151557	16898743	-1.4E+07	57335.35
1055.4	890018.5	-39.2222	0.141026	16900538	-1.4E+07	53351.69
1055.6	890013.4	-39.2147	0.130496	16902332	-1.4E+07	49368.03
1055.8	890008.3	-39.2073	0.119966	16904126	-1.4E+07	45384.36
1056	890003.3	-39.1999	0.109436	16905919	-1.4E+07	41400.69
1056.2	889998.2	-39.1924	0.098906	16907710	-1.4E+07	37417.02
1056.4	889993.1	-39.185	0.088376	16909501	-1.4E+07	33433.35
1056.6	889988	-39.1776	0.077845	16911291	-1.4E+07	29449.68
1056.8	889982.9	-39.1701	0.067315	16913080	-1.4E+07	25466
1057	889977.9	-39.1627	0.056785	16914869	-1.4E+07	21482.32
1057.2	889972.8	-39.1552	0.046255	16916656	-1.4E+07	17498.65
1057.4	889967.7	-39.1478	0.035725	16918443	-1.4E+07	13514.97
1057.6	889962.7	-39.1404	0.025194	16920229	-1.4E+07	9531.285
1057.8	889957.6	-39.1329	0.014664	16922014	-1.4E+07	5547.604
1058	889952.6	-39.1255	0.004134	16923798	-1.4E+07	1563.923
1058.2	889947.5	-39.118	-0.0064	16925581	-1.4E+07	-2419.76
1058.4	889942.4	-39.1106	-0.01693	16927363	-1.4E+07	-6403.44
1058.6	889937.4	-39.1032	-0.02746	16929145	-1.4E+07	-10387.1
1058.8	889932.3	-39.0957	-0.03799	16930926	-1.4E+07	-14370.8
1059	889927.3	-39.0883	-0.04852	16932706	-1.4E+07	-18354.5

1059.2	889922.3	-39.0808	-0.05905	16934485	-1.4E+07	-22338.2
1059.4	889917.2	-39.0734	-0.06958	16936263	-1.4E+07	-26321.8
1059.6	889912.2	-39.066	-0.08011	16938040	-1.4E+07	-30305.5
1059.8	889907.1	-39.0585	-0.09064	16939816	-1.4E+07	-34289.2
1060	889902.1	-39.0511	-0.10117	16941592	-1.4E+07	-38272.9
1060.2	889897.1	-39.0436	-0.1117	16943367	-1.4E+07	-42256.5
1060.4	889892	-39.0362	-0.12223	16945141	-1.4E+07	-46240.2
1060.6	889887	-39.0288	-0.13276	16946914	-1.4E+07	-50223.9
1060.8	889882	-39.0213	-0.14329	16948686	-1.4E+07	-54207.5
1061	889877	-39.0139	-0.15382	16950457	-1.4E+07	-58191.2
1061.2	889871.9	-39.0064	-0.16435	16952228	-1.4E+07	-62174.9
1061.4	889866.9	-38.999	-0.17488	16953997	-1.4E+07	-66158.5
1061.6	889861.9	-38.9916	-0.18541	16955766	-1.4E+07	-70142.2
1061.8	889856.9	-38.9841	-0.19594	16957534	-1.4E+07	-74125.8
1062	889851.9	-38.9767	-0.20647	16959301	-1.4E+07	-78109.5
1062.2	889846.9	-38.9693	-0.217	16961067	-1.4E+07	-82093.1
1062.4	889841.9	-38.9618	-0.22753	16962832	-1.4E+07	-86076.7
1062.6	889836.8	-38.9544	-0.23806	16964597	-1.4E+07	-90060.4
1062.8	889831.8	-38.9469	-0.24859	16966361	-1.4E+07	-94044
1063	889826.8	-38.9395	-0.25912	16968123	-1.4E+07	-98027.6
1063.2	889821.8	-38.9321	-0.26965	16969885	-1.4E+07	-102011
1063.4	889816.8	-38.9246	-0.28018	16971646	-1.4E+07	-105995
1063.6	889811.9	-38.9172	-0.29071	16973407	-1.4E+07	-109978
1063.8	889806.9	-38.9097	-0.30124	16975166	-1.4E+07	-113962
1064	889801.9	-38.9023	-0.31177	16976924	-1.4E+07	-117946
1064.2	889796.9	-38.8949	-0.3223	16978682	-1.4E+07	-121929
1064.4	889791.9	-38.8874	-0.33283	16980439	-1.4E+07	-125913
1064.6	889786.9	-38.88	-0.34337	16982195	-1.4E+07	-129896
1064.8	889781.9	-38.8725	-0.3539	16983950	-1.4E+07	-133880
1065	889777	-38.8651	-0.36443	16985704	-1.4E+07	-137863
1065.2	889772	-38.8577	-0.37496	16987458	-1.4E+07	-141847
1065.4	889767	-38.8502	-0.38549	16989210	-1.4E+07	-145831
1065.6	889762	-38.8428	-0.39602	16990962	-1.4E+07	-149814
1065.8	889757.1	-38.8353	-0.40655	16992713	-1.4E+07	-153798
1066	889752.1	-38.8279	-0.41708	16994463	-1.4E+07	-157781
1066.2	889747.1	-38.8205	-0.42761	16996212	-1.4E+07	-161765
1066.4	889742.2	-38.813	-0.43814	16997960	-1.4E+07	-165748
1066.6	889737.2	-38.8056	-0.44867	16999707	-1.4E+07	-169732
1066.8	889732.3	-38.7981	-0.4592	17001454	-1.4E+07	-173715
1067	889727.3	-38.7907	-0.46973	17003200	-1.4E+07	-177699
1067.2	889722.4	-38.7833	-0.48026	17004945	-1.4E+07	-181682
1067.4	889717.4	-38.7758	-0.49079	17006689	-1.4E+07	-185666
1067.6	889712.5	-38.7684	-0.50132	17008432	-1.4E+07	-189649
1067.8	889707.5	-38.7609	-0.51185	17010174	-1.4E+07	-193632
1068	889702.6	-38.7535	-0.52238	17011915	-1.4E+07	-197616
1068.2	889697.6	-38.7461	-0.53291	17013656	-1.4E+07	-201599
1068.4	889692.7	-38.7386	-0.54344	17015396	-1.4E+07	-205583

1068.6	889687.8	-38.7312	-0.55397	17017135	-1.4E+07	-209566
1068.8	889682.8	-38.7237	-0.5645	17018873	-1.4E+07	-213549
1069	889677.9	-38.7163	-0.57503	17020610	-1.4E+07	-217533
1069.2	889673	-38.7089	-0.58556	17022346	-1.4E+07	-221516
1069.4	889668.1	-38.7014	-0.59609	17024082	-1.4E+07	-225500
1069.6	889663.1	-38.694	-0.60662	17025816	-1.4E+07	-229483
1069.8	889658.2	-38.6865	-0.61715	17027550	-1.4E+07	-233466
1070	889653.3	-38.6791	-0.62768	17029283	-1.4E+07	-237449
1070.2	889648.4	-38.6717	-0.63821	17031015	-1.4E+07	-241433
1070.4	889643.5	-38.6642	-0.64874	17032746	-1.4E+07	-245416
1070.6	889638.5	-38.6568	-0.65927	17034476	-1.4E+07	-249399
1070.8	889633.6	-38.6493	-0.6698	17036206	-1.4E+07	-253383
1071	889628.7	-38.6419	-0.68033	17037934	-1.4E+07	-257366
1071.2	889623.8	-38.6345	-0.69086	17039662	-1.4E+07	-261349
1071.4	889618.9	-38.627	-0.70139	17041389	-1.4E+07	-265332
1071.6	889614	-38.6196	-0.71192	17043115	-1.4E+07	-269315
1071.8	889609.1	-38.6121	-0.72245	17044840	-1.4E+07	-273299
1072	889604.2	-38.6047	-0.73298	17046564	-1.4E+07	-277282
1072.2	889599.3	-38.5973	-0.74351	17048288	-1.4E+07	-281265
1072.4	889594.4	-38.5898	-0.75404	17050010	-1.4E+07	-285248
1072.6	889589.6	-38.5824	-0.76457	17051732	-1.4E+07	-289231
1072.8	889584.7	-38.5749	-0.7751	17053453	-1.4E+07	-293214
1073	889579.8	-38.5675	-0.78563	17055173	-1.4E+07	-297197
1073.2	889574.9	-38.56	-0.79616	17056892	-1.4E+07	-301181
1073.4	889570	-38.5526	-0.80669	17058611	-1.4E+07	-305164
1073.6	889565.2	-38.5452	-0.81722	17060328	-1.4E+07	-309147
1073.8	889560.3	-38.5377	-0.82775	17062045	-1.4E+07	-313130
1074	889555.4	-38.5303	-0.83828	17063760	-1.4E+07	-317113
1074.2	889550.5	-38.5228	-0.84881	17065475	-1.4E+07	-321096
1074.4	889545.7	-38.5154	-0.85934	17067189	-1.4E+07	-325079
1074.6	889540.8	-38.508	-0.86987	17068902	-1.4E+07	-329062
1074.8	889535.9	-38.5005	-0.8804	17070615	-1.4E+07	-333045
1075	889531.1	-38.4931	-0.89093	17072326	-1.4E+07	-337027
1075.2	889526.2	-38.4856	-0.90146	17074037	-1.4E+07	-341010
1075.4	889521.4	-38.4782	-0.91199	17075747	-1.4E+07	-344993
1075.6	889516.5	-38.4708	-0.92252	17077455	-1.4E+07	-348976
1075.8	889511.7	-38.4633	-0.93305	17079164	-1.4E+07	-352959
1076	889506.8	-38.4559	-0.94358	17080871	-1.4E+07	-356942
1076.2	889502	-38.4484	-0.95411	17082577	-1.4E+07	-360925
1076.4	889497.1	-38.441	-0.96464	17084282	-1.4E+07	-364907
1076.6	889492.3	-38.4335	-0.97517	17085987	-1.4E+07	-368890
1076.8	889487.4	-38.4261	-0.9857	17087691	-1.4E+07	-372873
1077	889482.6	-38.4187	-0.99623	17089394	-1.4E+07	-376856
1077.2	889477.8	-38.4112	-1.00676	17091096	-1.4E+07	-380838
1077.4	889472.9	-38.4038	-1.01729	17092797	-1.4E+07	-384821
1077.6	889468.1	-38.3963	-1.02782	17094497	-1.4E+07	-388804
1077.8	889463.3	-38.3889	-1.03835	17096197	-1.4E+07	-392786

1078	889458.5	-38.3814	-1.04888	17097895	-1.4E+07	-396769
1078.2	889453.6	-38.374	-1.05941	17099593	-1.4E+07	-400752
1078.4	889448.8	-38.3666	-1.06994	17101290	-1.4E+07	-404734
1078.6	889444	-38.3591	-1.08047	17102986	-1.4E+07	-408717
1078.8	889439.2	-38.3517	-1.091	17104681	-1.4E+07	-412699
1079	889434.4	-38.3442	-1.10152	17106375	-1.4E+07	-416682
1079.2	889429.6	-38.3368	-1.11205	17108069	-1.4E+07	-420664
1079.4	889424.8	-38.3293	-1.12258	17109761	-1.4E+07	-424647
1079.6	889420	-38.3219	-1.13311	17111453	-1.4E+07	-428629
1079.8	889415.1	-38.3145	-1.14364	17113144	-1.4E+07	-432612
1080	889410.3	-38.307	-1.15417	17114834	-1.4E+07	-436594
1080.2	889405.5	-38.2996	-1.1647	17116523	-1.4E+07	-440576
1080.4	889400.7	-38.2921	-1.17523	17118211	-1.4E+07	-444559
1080.6	889396	-38.2847	-1.18576	17119898	-1.4E+07	-448541
1080.8	889391.2	-38.2772	-1.19629	17121585	-1.4E+07	-452523
1081	889386.4	-38.2698	-1.20682	17123271	-1.4E+07	-456506
1081.2	889381.6	-38.2624	-1.21735	17124956	-1.4E+07	-460488
1081.4	889376.8	-38.2549	-1.22788	17126640	-1.4E+07	-464470
1081.6	889372	-38.2475	-1.23841	17128323	-1.4E+07	-468452
1081.8	889367.2	-38.24	-1.24894	17130005	-1.3E+07	-472434
1082	889362.5	-38.2326	-1.25947	17131686	-1.3E+07	-476417
1082.2	889357.7	-38.2251	-1.26999	17133367	-1.3E+07	-480399
1082.4	889352.9	-38.2177	-1.28052	17135046	-1.3E+07	-484381
1082.6	889348.1	-38.2103	-1.29105	17136725	-1.3E+07	-488363
1082.8	889343.4	-38.2028	-1.30158	17138403	-1.3E+07	-492345
1083	889338.6	-38.1954	-1.31211	17140080	-1.3E+07	-496327
1083.2	889333.8	-38.1879	-1.32264	17141757	-1.3E+07	-500309
1083.4	889329.1	-38.1805	-1.33317	17143432	-1.3E+07	-504291
1083.6	889324.3	-38.173	-1.3437	17145106	-1.3E+07	-508273
1083.8	889319.6	-38.1656	-1.35423	17146780	-1.3E+07	-512255
1084	889314.8	-38.1581	-1.36476	17148453	-1.3E+07	-516237
1084.2	889310.1	-38.1507	-1.37529	17150125	-1.3E+07	-520218
1084.4	889305.3	-38.1433	-1.38581	17151796	-1.3E+07	-524200
1084.6	889300.6	-38.1358	-1.39634	17153466	-1.3E+07	-528182
1084.8	889295.8	-38.1284	-1.40687	17155135	-1.3E+07	-532164
1085	889291.1	-38.1209	-1.4174	17156804	-1.3E+07	-536146
1085.2	889286.3	-38.1135	-1.42793	17158471	-1.3E+07	-540127
1085.4	889281.6	-38.106	-1.43846	17160138	-1.3E+07	-544109
1085.6	889276.9	-38.0986	-1.44899	17161804	-1.3E+07	-548091
1085.8	889272.1	-38.0911	-1.45952	17163469	-1.3E+07	-552072
1086	889267.4	-38.0837	-1.47004	17165133	-1.3E+07	-556054
1086.2	889262.7	-38.0763	-1.48057	17166797	-1.3E+07	-560035
1086.4	889257.9	-38.0688	-1.4911	17168459	-1.3E+07	-564017
1086.6	889253.2	-38.0614	-1.50163	17170121	-1.3E+07	-567998
1086.8	889248.5	-38.0539	-1.51216	17171781	-1.3E+07	-571980
1087	889243.8	-38.0465	-1.52269	17173441	-1.3E+07	-575961
1087.2	889239.1	-38.039	-1.53322	17175100	-1.3E+07	-579943

1087.4	889234.4	-38.0316	-1.54375	17176758	-1.3E+07	-583924
1087.6	889229.6	-38.0241	-1.55427	17178416	-1.3E+07	-587905
1087.8	889224.9	-38.0167	-1.5648	17180072	-1.3E+07	-591887
1088	889220.2	-38.0092	-1.57533	17181728	-1.3E+07	-595868
1088.2	889215.5	-38.0018	-1.58586	17183382	-1.3E+07	-599849
1088.4	889210.8	-37.9944	-1.59639	17185036	-1.3E+07	-603831
1088.6	889206.1	-37.9869	-1.60692	17186689	-1.3E+07	-607812
1088.8	889201.4	-37.9795	-1.61744	17188341	-1.3E+07	-611793
1089	889196.7	-37.972	-1.62797	17189992	-1.3E+07	-615774
1089.2	889192	-37.9646	-1.6385	17191643	-1.3E+07	-619755
1089.4	889187.3	-37.9571	-1.64903	17193292	-1.3E+07	-623736
1089.6	889182.7	-37.9497	-1.65956	17194941	-1.3E+07	-627717
1089.8	889178	-37.9422	-1.67009	17196589	-1.3E+07	-631698
1090	889173.3	-37.9348	-1.68061	17198236	-1.3E+07	-635679
1090.2	889168.6	-37.9273	-1.69114	17199882	-1.3E+07	-639660
1090.4	889163.9	-37.9199	-1.70167	17201527	-1.3E+07	-643641
1090.6	889159.2	-37.9124	-1.7122	17203171	-1.3E+07	-647622
1090.8	889154.6	-37.905	-1.72273	17204815	-1.3E+07	-651602
1091	889149.9	-37.8975	-1.73325	17206457	-1.3E+07	-655583
1091.2	889145.2	-37.8901	-1.74378	17208099	-1.3E+07	-659564
1091.4	889140.6	-37.8827	-1.75431	17209740	-1.3E+07	-663545
1091.6	889135.9	-37.8752	-1.76484	17211380	-1.3E+07	-667525
1091.8	889131.2	-37.8678	-1.77537	17213019	-1.3E+07	-671506
1092	889126.6	-37.8603	-1.78589	17214657	-1.3E+07	-675487
1092.2	889121.9	-37.8529	-1.79642	17216295	-1.3E+07	-679467
1092.4	889117.3	-37.8454	-1.80695	17217931	-1.3E+07	-683448
1092.6	889112.6	-37.838	-1.81748	17219567	-1.3E+07	-687428
1092.8	889108	-37.8305	-1.828	17221202	-1.3E+07	-691409
1093	889103.3	-37.8231	-1.83853	17222836	-1.3E+07	-695389
1093.2	889098.7	-37.8156	-1.84906	17224469	-1.3E+07	-699369
1093.4	889094	-37.8082	-1.85959	17226101	-1.3E+07	-703350
1093.6	889089.4	-37.8007	-1.87011	17227733	-1.3E+07	-707330
1093.8	889084.7	-37.7933	-1.88064	17229363	-1.3E+07	-711310
1094	889080.1	-37.7858	-1.89117	17230993	-1.3E+07	-715290
1094.2	889075.5	-37.7784	-1.9017	17232622	-1.3E+07	-719271
1094.4	889070.8	-37.7709	-1.91222	17234250	-1.3E+07	-723251
1094.6	889066.2	-37.7635	-1.92275	17235877	-1.3E+07	-727231
1094.8	889061.6	-37.756	-1.93328	17237503	-1.3E+07	-731211
1095	889057	-37.7486	-1.94381	17239128	-1.3E+07	-735191
1095.2	889052.3	-37.7411	-1.95433	17240753	-1.3E+07	-739171
1095.4	889047.7	-37.7337	-1.96486	17242376	-1.3E+07	-743151
1095.6	889043.1	-37.7262	-1.97539	17243999	-1.3E+07	-747131
1095.8	889038.5	-37.7188	-1.98592	17245621	-1.3E+07	-751111
1096	889033.9	-37.7113	-1.99644	17247242	-1.3E+07	-755090
1096.2	889029.3	-37.7039	-2.00697	17248862	-1.3E+07	-759070
1096.4	889024.7	-37.6964	-2.0175	17250481	-1.3E+07	-763050
1096.6	889020	-37.689	-2.02802	17252100	-1.3E+07	-767030

1096.8	889015.4	-37.6815	-2.03855	17253717	-1.3E+07	-771009
1097	889010.8	-37.6741	-2.04908	17255334	-1.3E+07	-774989
1097.2	889006.2	-37.6666	-2.0596	17256950	-1.3E+07	-778968
1097.4	889001.7	-37.6592	-2.07013	17258565	-1.3E+07	-782948
1097.6	888997.1	-37.6517	-2.08066	17260179	-1.3E+07	-786927
1097.8	888992.5	-37.6443	-2.09118	17261792	-1.3E+07	-790907
1098	888987.9	-37.6368	-2.10171	17263404	-1.3E+07	-794886
1098.2	888983.3	-37.6294	-2.11224	17265016	-1.3E+07	-798865
1098.4	888978.7	-37.6219	-2.12276	17266626	-1.3E+07	-802845
1098.6	888974.1	-37.6145	-2.13329	17268236	-1.3E+07	-806824
1098.8	888969.5	-37.607	-2.14382	17269845	-1.3E+07	-810803
1099	888965	-37.5996	-2.15434	17271453	-1.3E+07	-814782
1099.2	888960.4	-37.5921	-2.16487	17273060	-1.3E+07	-818762
1099.4	888955.8	-37.5847	-2.1754	17274666	-1.3E+07	-822741
1099.6	888951.2	-37.5772	-2.18592	17276272	-1.3E+07	-826720
1099.8	888946.7	-37.5698	-2.19645	17277876	-1.3E+07	-830699
1100	888942.1	-37.5623	-2.20698	17279480	-1.3E+07	-834678
1100.2	888937.6	-37.5549	-2.2175	17281083	-1.3E+07	-838657
1100.4	888933	-37.5474	-2.22803	17282685	-1.3E+07	-842635
1100.6	888928.4	-37.54	-2.23855	17284286	-1.3E+07	-846614
1100.8	888923.9	-37.5325	-2.24908	17285886	-1.3E+07	-850593
1101	888919.3	-37.525	-2.25961	17287485	-1.3E+07	-854572
1101.2	888914.8	-37.5176	-2.27013	17289084	-1.3E+07	-858550
1101.4	888910.2	-37.5101	-2.28066	17290681	-1.3E+07	-862529
1101.6	888905.7	-37.5027	-2.29118	17292278	-1.3E+07	-866508
1101.8	888901.1	-37.4952	-2.30171	17293874	-1.3E+07	-870486
1102	888896.6	-37.4878	-2.31224	17295469	-1.3E+07	-874465
1102.2	888892.1	-37.4803	-2.32276	17297063	-1.3E+07	-878443
1102.4	888887.5	-37.4729	-2.33329	17298657	-1.3E+07	-882421
1102.6	888883	-37.4654	-2.34381	17300249	-1.3E+07	-886400
1102.8	888878.4	-37.458	-2.35434	17301840	-1.3E+07	-890378
1103	888873.9	-37.4505	-2.36486	17303431	-1.3E+07	-894356
1103.2	888869.4	-37.4431	-2.37539	17305021	-1.3E+07	-898334
1103.4	888864.9	-37.4356	-2.38592	17306610	-1.3E+07	-902313
1103.6	888860.3	-37.4282	-2.39644	17308198	-1.3E+07	-906291
1103.8	888855.8	-37.4207	-2.40697	17309785	-1.3E+07	-910269
1104	888851.3	-37.4132	-2.41749	17311372	-1.3E+07	-914247
1104.2	888846.8	-37.4058	-2.42802	17312957	-1.3E+07	-918225
1104.4	888842.3	-37.3983	-2.43854	17314542	-1.3E+07	-922203
1104.6	888837.8	-37.3909	-2.44907	17316125	-1.3E+07	-926180
1104.8	888833.3	-37.3834	-2.45959	17317708	-1.3E+07	-930158
1105	888828.7	-37.376	-2.47012	17319290	-1.3E+07	-934136
1105.2	888824.2	-37.3685	-2.48064	17320871	-1.3E+07	-938114
1105.4	888819.7	-37.3611	-2.49117	17322452	-1.3E+07	-942091
1105.6	888815.2	-37.3536	-2.50169	17324031	-1.3E+07	-946069
1105.8	888810.7	-37.3461	-2.51222	17325609	-1.3E+07	-950046
1106	888806.2	-37.3387	-2.52274	17327187	-1.3E+07	-954024

1106.2	888801.8	-37.3312	-2.53327	17328764	-1.3E+07	-958001
1106.4	888797.3	-37.3238	-2.54379	17330340	-1.3E+07	-961979
1106.6	888792.8	-37.3163	-2.55432	17331915	-1.3E+07	-965956
1106.8	888788.3	-37.3089	-2.56484	17333489	-1.3E+07	-969933
1107	888783.8	-37.3014	-2.57537	17335062	-1.3E+07	-973911
1107.2	888779.3	-37.2939	-2.58589	17336635	-1.3E+07	-977888
1107.4	888774.9	-37.2865	-2.59642	17338206	-1.3E+07	-981865
1107.6	888770.4	-37.279	-2.60694	17339777	-1.3E+07	-985842
1107.8	888765.9	-37.2716	-2.61747	17341347	-1.3E+07	-989819
1108	888761.4	-37.2641	-2.62799	17342916	-1.3E+07	-993796
1108.2	888757	-37.2567	-2.63851	17344484	-1.3E+07	-997773
1108.4	888752.5	-37.2492	-2.64904	17346051	-1.3E+07	-1001750
1108.6	888748	-37.2417	-2.65956	17347618	-1.3E+07	-1005727
1108.8	888743.6	-37.2343	-2.67009	17349183	-1.3E+07	-1009703
1109	888739.1	-37.2268	-2.68061	17350748	-1.3E+07	-1013680
1109.2	888734.7	-37.2194	-2.69113	17352311	-1.3E+07	-1017657
1109.4	888730.2	-37.2119	-2.70166	17353874	-1.3E+07	-1021633
1109.6	888725.8	-37.2045	-2.71218	17355436	-1.3E+07	-1025610
1109.8	888721.3	-37.197	-2.72271	17356997	-1.3E+07	-1029586
1110	888716.9	-37.1895	-2.73323	17358558	-1.3E+07	-1033563
1110.2	888712.4	-37.1821	-2.74375	17360117	-1.3E+07	-1037539
1110.4	888708	-37.1746	-2.75428	17361676	-1.3E+07	-1041515
1110.6	888703.5	-37.1672	-2.7648	17363233	-1.3E+07	-1045491
1110.8	888699.1	-37.1597	-2.77533	17364790	-1.3E+07	-1049468
1111	888694.7	-37.1522	-2.78585	17366346	-1.3E+07	-1053444
1111.2	888690.2	-37.1448	-2.79637	17367901	-1.3E+07	-1057420
1111.4	888685.8	-37.1373	-2.8069	17369455	-1.3E+07	-1061396
1111.6	888681.4	-37.1299	-2.81742	17371009	-1.3E+07	-1065372
1111.8	888676.9	-37.1224	-2.82794	17372561	-1.3E+07	-1069348
1112	888672.5	-37.1149	-2.83847	17374113	-1.3E+07	-1073324
1112.2	888668.1	-37.1075	-2.84899	17375663	-1.3E+07	-1077299
1112.4	888663.7	-37.1	-2.85951	17377213	-1.3E+07	-1081275
1112.6	888659.3	-37.0926	-2.87004	17378762	-1.3E+07	-1085251
1112.8	888654.8	-37.0851	-2.88056	17380310	-1.3E+07	-1089226
1113	888650.4	-37.0776	-2.89108	17381857	-1.3E+07	-1093202
1113.2	888646	-37.0702	-2.9016	17383404	-1.3E+07	-1097177
1113.4	888641.6	-37.0627	-2.91213	17384949	-1.3E+07	-1101153
1113.6	888637.2	-37.0553	-2.92265	17386494	-1.3E+07	-1105128
1113.8	888632.8	-37.0478	-2.93317	17388038	-1.3E+07	-1109103
1114	888628.4	-37.0403	-2.9437	17389580	-1.3E+07	-1113079
1114.2	888624	-37.0329	-2.95422	17391122	-1.3E+07	-1117054
1114.4	888619.6	-37.0254	-2.96474	17392664	-1.3E+07	-1121029
1114.6	888615.2	-37.0179	-2.97526	17394204	-1.3E+07	-1125004
1114.8	888610.8	-37.0105	-2.98579	17395743	-1.3E+07	-1128979
1115	888606.4	-37.003	-2.99631	17397282	-1.3E+07	-1132954
1115.2	888602.1	-36.9956	-3.00683	17398819	-1.3E+07	-1136929
1115.4	888597.7	-36.9881	-3.01735	17400356	-1.3E+07	-1140904

1115.6	888593.3	-36.9806	-3.02788	17401892	-1.3E+07	-1144878
1115.8	888588.9	-36.9732	-3.0384	17403427	-1.3E+07	-1148853
1116	888584.5	-36.9657	-3.04892	17404961	-1.3E+07	-1152828
1116.2	888580.2	-36.9582	-3.05944	17406494	-1.3E+07	-1156802
1116.4	888575.8	-36.9508	-3.06996	17408027	-1.3E+07	-1160777
1116.6	888571.4	-36.9433	-3.08049	17409558	-1.3E+07	-1164751
1116.8	888567.1	-36.9358	-3.09101	17411089	-1.3E+07	-1168726
1117	888562.7	-36.9284	-3.10153	17412619	-1.3E+07	-1172700
1117.2	888558.3	-36.9209	-3.11205	17414148	-1.3E+07	-1176674
1117.4	888554	-36.9135	-3.12257	17415676	-1.3E+07	-1180648
1117.6	888549.6	-36.906	-3.13309	17417203	-1.3E+07	-1184622
1117.8	888545.3	-36.8985	-3.14362	17418729	-1.3E+07	-1188596
1118	888540.9	-36.8911	-3.15414	17420255	-1.3E+07	-1192570
1118.2	888536.6	-36.8836	-3.16466	17421779	-1.3E+07	-1196544
1118.4	888532.2	-36.8761	-3.17518	17423303	-1.3E+07	-1200518
1118.6	888527.9	-36.8687	-3.1857	17424826	-1.3E+07	-1204492
1118.8	888523.5	-36.8612	-3.19622	17426348	-1.3E+07	-1208466
1119	888519.2	-36.8537	-3.20674	17427869	-1.3E+07	-1212439
1119.2	888514.8	-36.8463	-3.21727	17429389	-1.3E+07	-1216413
1119.4	888510.5	-36.8388	-3.22779	17430908	-1.3E+07	-1220386
1119.6	888506.2	-36.8313	-3.23831	17432427	-1.3E+07	-1224360
1119.8	888501.8	-36.8239	-3.24883	17433944	-1.3E+07	-1228333
1120	888497.5	-36.8164	-3.25935	17435461	-1.3E+07	-1232307
1120.2	888493.2	-36.8089	-3.26987	17436977	-1.3E+07	-1236280
1120.4	888488.9	-36.8015	-3.28039	17438492	-1.3E+07	-1240253
1120.6	888484.5	-36.794	-3.29091	17440006	-1.3E+07	-1244226
1120.8	888480.2	-36.7865	-3.30143	17441519	-1.3E+07	-1248199
1121	888475.9	-36.7791	-3.31195	17443031	-1.3E+07	-1252172
1121.2	888471.6	-36.7716	-3.32247	17444543	-1.3E+07	-1256145
1121.4	888467.3	-36.7641	-3.33299	17446053	-1.3E+07	-1260118
1121.6	888463	-36.7567	-3.34351	17447563	-1.3E+07	-1264091
1121.8	888458.7	-36.7492	-3.35403	17449072	-1.3E+07	-1268064
1122	888454.4	-36.7417	-3.36455	17450580	-1.3E+07	-1272036
1122.2	888450	-36.7343	-3.37507	17452087	-1.3E+07	-1276009
1122.4	888445.7	-36.7268	-3.38559	17453593	-1.3E+07	-1279981
1122.6	888441.4	-36.7193	-3.39611	17455098	-1.3E+07	-1283954
1122.8	888437.2	-36.7118	-3.40663	17456603	-1.3E+07	-1287926
1123	888432.9	-36.7044	-3.41715	17458106	-1.3E+07	-1291898
1123.2	888428.6	-36.6969	-3.42767	17459609	-1.3E+07	-1295871
1123.4	888424.3	-36.6894	-3.43819	17461111	-1.3E+07	-1299843
1123.6	888420	-36.682	-3.44871	17462612	-1.3E+07	-1303815
1123.8	888415.7	-36.6745	-3.45923	17464112	-1.3E+07	-1307787
1124	888411.4	-36.667	-3.46975	17465611	-1.3E+07	-1311759
1124.2	888407.1	-36.6596	-3.48027	17467110	-1.3E+07	-1315731
1124.4	888402.9	-36.6521	-3.49079	17468607	-1.3E+07	-1319702
1124.6	888398.6	-36.6446	-3.50131	17470104	-1.3E+07	-1323674
1124.8	888394.3	-36.6371	-3.51183	17471599	-1.3E+07	-1327646



1125	888390.1	-36.6297	-3.52235	17473094	-1.3E+07	-1331617
1125.2	888385.8	-36.6222	-3.53287	17474588	-1.3E+07	-1335589
1125.4	888381.5	-36.6147	-3.54339	17476081	-1.3E+07	-1339560
1125.6	888377.3	-36.6073	-3.55391	17477574	-1.3E+07	-1343532
1125.8	888373	-36.5998	-3.56442	17479065	-1.3E+07	-1347503
1126	888368.7	-36.5923	-3.57494	17480555	-1.3E+07	-1351474
1126.2	888364.5	-36.5848	-3.58546	17482045	-1.3E+07	-1355445
1126.4	888360.2	-36.5774	-3.59598	17483534	-1.3E+07	-1359416
1126.6	888356	-36.5699	-3.6065	17485022	-1.3E+07	-1363387
1126.8	888351.7	-36.5624	-3.61702	17486509	-1.3E+07	-1367358
1127	888347.5	-36.5549	-3.62754	17487995	-1.3E+07	-1371329
1127.2	888343.2	-36.5475	-3.63805	17489480	-1.3E+07	-1375300
1127.4	888339	-36.54	-3.64857	17490964	-1.3E+07	-1379271
1127.6	888334.8	-36.5325	-3.65909	17492448	-1.3E+07	-1383241
1127.8	888330.5	-36.525	-3.66961	17493930	-1.3E+07	-1387212
1128	888326.3	-36.5176	-3.68013	17495412	-1.3E+07	-1391182
1128.2	888322.1	-36.5101	-3.69064	17496893	-1.3E+07	-1395153
1128.4	888317.8	-36.5026	-3.70116	17498373	-1.3E+07	-1399123
1128.6	888313.6	-36.4951	-3.71168	17499852	-1.3E+07	-1403093
1128.8	888309.4	-36.4877	-3.7222	17501330	-1.3E+07	-1407063
1129	888305.2	-36.4802	-3.73272	17502807	-1.3E+07	-1411034
1129.2	888300.9	-36.4727	-3.74323	17504284	-1.3E+07	-1415004
1129.4	888296.7	-36.4652	-3.75375	17505760	-1.3E+07	-1418974
1129.6	888292.5	-36.4578	-3.76427	17507234	-1.3E+07	-1422943
1129.8	888288.3	-36.4503	-3.77479	17508708	-1.3E+07	-1426913
1130	888284.1	-36.4428	-3.7853	17510181	-1.3E+07	-1430883
1130.2	888279.9	-36.4353	-3.79582	17511653	-1.3E+07	-1434853
1130.4	888275.7	-36.4279	-3.80634	17513124	-1.3E+07	-1438822
1130.6	888271.5	-36.4204	-3.81685	17514595	-1.3E+07	-1442792
1130.8	888267.3	-36.4129	-3.82737	17516064	-1.3E+07	-1446761
1131	888263.1	-36.4054	-3.83789	17517533	-1.3E+07	-1450730
1131.2	888258.9	-36.398	-3.8484	17519000	-1.3E+07	-1454699
1131.4	888254.7	-36.3905	-3.85892	17520467	-1.3E+07	-1458669
1131.6	888250.5	-36.383	-3.86944	17521933	-1.3E+07	-1462638
1131.8	888246.3	-36.3755	-3.87995	17523398	-1.3E+07	-1466607
1132	888242.1	-36.368	-3.89047	17524862	-1.3E+07	-1470576
1132.2	888237.9	-36.3606	-3.90099	17526326	-1.3E+07	-1474544
1132.4	888233.7	-36.3531	-3.9115	17527788	-1.3E+07	-1478513
1132.6	888229.6	-36.3456	-3.92202	17529250	-1.3E+07	-1482482
1132.8	888225.4	-36.3381	-3.93254	17530711	-1.3E+07	-1486450
1133	888221.2	-36.3306	-3.94305	17532170	-1.3E+07	-1490419
1133.2	888217	-36.3232	-3.95357	17533629	-1.3E+07	-1494387
1133.4	888212.9	-36.3157	-3.96408	17535087	-1.3E+07	-1498356
1133.6	888208.7	-36.3082	-3.9746	17536544	-1.3E+07	-1502324
1133.8	888204.5	-36.3007	-3.98512	17538001	-1.3E+07	-1506292
1134	888200.4	-36.2932	-3.99563	17539456	-1.3E+07	-1510260
1134.2	888196.2	-36.2858	-4.00615	17540911	-1.3E+07	-1514228

1134.4	888192.1	-36.2783	-4.01666	17542364	-1.3E+07	-1518196
1134.6	888187.9	-36.2708	-4.02718	17543817	-1.3E+07	-1522164
1134.8	888183.7	-36.2633	-4.03769	17545269	-1.3E+07	-1526132
1135	888179.6	-36.2558	-4.04821	17546720	-1.3E+07	-1530100
1135.2	888175.4	-36.2484	-4.05872	17548170	-1.3E+07	-1534067
1135.4	888171.3	-36.2409	-4.06924	17549620	-1.3E+07	-1538035
1135.6	888167.2	-36.2334	-4.07975	17551068	-1.3E+07	-1542002
1135.8	888163	-36.2259	-4.09027	17552516	-1.3E+07	-1545970
1136	888158.9	-36.2184	-4.10078	17553962	-1.3E+07	-1549937
1136.2	888154.7	-36.2109	-4.1113	17555408	-1.3E+07	-1553904
1136.4	888150.6	-36.2035	-4.12181	17556853	-1.3E+07	-1557871
1136.6	888146.5	-36.196	-4.13233	17558297	-1.3E+07	-1561838
1136.8	888142.3	-36.1885	-4.14284	17559740	-1.3E+07	-1565805
1137	888138.2	-36.181	-4.15336	17561182	-1.3E+07	-1569772
1137.2	888134.1	-36.1735	-4.16387	17562624	-1.3E+07	-1573739
1137.4	888130	-36.166	-4.17439	17564064	-1.3E+07	-1577705
1137.6	888125.8	-36.1586	-4.1849	17565504	-1.3E+07	-1581672
1137.8	888121.7	-36.1511	-4.19541	17566943	-1.3E+07	-1585638
1138	888117.6	-36.1436	-4.20593	17568380	-1.3E+07	-1589605
1138.2	888113.5	-36.1361	-4.21644	17569817	-1.3E+07	-1593571
1138.4	888109.4	-36.1286	-4.22695	17571253	-1.3E+07	-1597537
1138.6	888105.3	-36.1211	-4.23747	17572689	-1.3E+07	-1601504
1138.8	888101.2	-36.1136	-4.24798	17574123	-1.3E+07	-1605470
1139	888097.1	-36.1062	-4.2585	17575557	-1.3E+07	-1609436
1139.2	888093	-36.0987	-4.26901	17576989	-1.3E+07	-1613401
1139.4	888088.9	-36.0912	-4.27952	17578421	-1.3E+07	-1617367
1139.6	888084.8	-36.0837	-4.29004	17579852	-1.3E+07	-1621333
1139.8	888080.7	-36.0762	-4.30055	17581282	-1.3E+07	-1625299
1140	888076.6	-36.0687	-4.31106	17582711	-1.3E+07	-1629264
1140.2	888072.5	-36.0612	-4.32158	17584139	-1.3E+07	-1633230
1140.4	888068.4	-36.0538	-4.33209	17585566	-1.3E+07	-1637195
1140.6	888064.3	-36.0463	-4.3426	17586993	-1.3E+07	-1641160
1140.8	888060.2	-36.0388	-4.35311	17588418	-1.3E+07	-1645125
1141	888056.2	-36.0313	-4.36363	17589843	-1.3E+07	-1649091
1141.2	888052.1	-36.0238	-4.37414	17591267	-1.3E+07	-1653056
1141.4	888048	-36.0163	-4.38465	17592690	-1.3E+07	-1657020
1141.6	888043.9	-36.0088	-4.39516	17594112	-1.3E+07	-1660985
1141.8	888039.9	-36.0013	-4.40568	17595533	-1.3E+07	-1664950
1142	888035.8	-35.9938	-4.41619	17596953	-1.3E+07	-1668915
1142.2	888031.7	-35.9864	-4.4267	17598372	-1.3E+07	-1672879
1142.4	888027.7	-35.9789	-4.43721	17599791	-1.3E+07	-1676844
1142.6	888023.6	-35.9714	-4.44772	17601209	-1.3E+07	-1680808
1142.8	888019.5	-35.9639	-4.45824	17602625	-1.3E+07	-1684772
1143	888015.5	-35.9564	-4.46875	17604041	-1.3E+07	-1688737
1143.2	888011.4	-35.9489	-4.47926	17605456	-1.3E+07	-1692701
1143.4	888007.4	-35.9414	-4.48977	17606870	-1.3E+07	-1696665
1143.6	888003.3	-35.9339	-4.50028	17608284	-1.3E+07	-1700629













































































































































































































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