GEOID	POP10	HU10	ALAND	AWATER	ALAND_SQ	AWATER_S	INTPTLAT	INTPTLONG
601	18570	7744	1.67E+08	799296	64.348	0.309	18.18056	-66.75
602	41520	18073	79288158	4446273	30.613	1.717	18.36227	-67.1761
603	54689	25653	81880442	183425	31.614	0.071	18.45518	-67.1199
606	6615	2877	1.1E+08	12487	42.309	0.005	18.15835	-66.9329
610	29016	12618	93021467	4172001	35.916	1.611	18.29096	-67.1259
612	67010	30992	1.75E+08	9809163	67.609	3.787	18.40224	-66.7114
616	11017	4896	29870473	149147	11.533	0.058	18.42041	-66.672
617	24597	10594	39347158	3987969	15.192	1.54	18.44515	-66.5597
622	7853	8714	75077028	1694917	28.987	0.654	17.99125	-67.154
623	43061	21426	98367847	1633540	37.98	0.631	18.08344	-67.1539
624	26241	9905	1.12E+08	2524878	43.163	0.975	18.06328	-66.716
627	35159	14431	1.2E+08	3507026	46.355	1.354	18.41503	-66.8619
631	1852	842	10414662	669970	4.021	0.259	18.19061	-66.832
637	25287	10962	89226022	25323	34.45	0.01	18.07671	-66.9474
638	18941	7805	1.71E+08	493335	66.045	0.19	18.29109	-66.5133
641	31191	13358	2.42E+08	3466212	93.528	1.338	18.26296	-66.714
646	38199	16699	53611823	3321248	20.7	1.282	18.43317	-66.2859
647	6172	3482	39379804	8013314	15.205	3.094	17.96361	-66.9471
650	14998	6124	79052810	557181	30.522	0.215	18.34942	-66.5781
652	4715	1947	17906137	16436	6.914	0.006	18.45193	-66.6031
653	13307	6217	39477273	5203941	15.242	2.009	17.98545	-66.8889
656	21481	8680	83968290	4356121	32.42	1.682	18.05354	-66.7929
659	41953	17365	1.08E+08	3039180	41.781	1.173	18.40722	-66.809
660	17250	7783	29380814	486	11.344	0	18.13464	-67.1162
662	43282	20199	1.15E+08	5341043	44.366	2.062	18.46748	-67.016
664	16784	6590	1.18E+08	3405	45.52	0.001	18.21342	-66.5896
667	25968	12508	1.56E+08	28264208	60.31	10.913	18.00342	-67.0358
669	29744	12458	1.59E+08	168344	61.552	0.065	18.2709	-66.8664
670	9807	3973	1.18E+08	357819	45.57	0.138	18.23683	-66.9901
674	44457	19409	1.16E+08	6903390	44.942	2.665	18.42291	-66.4893
676	40316	16887	1.31E+08	56483	50.439	0.022	18.37775	-67.0803
677	15272	9730	37137111	3594951	14.339	1.388	18.33256	-67.227
678	27819	11619	68274095	3796687	26.361	1.466	18.4341	-66.9274
680	58140	27992	1.66E+08	19828643	64.189	7.656	18.18194	-67.1338
682	32615	15489	37348163	6330100	14.42	2.444	18.22144	-67.1561
683	33772	15219	1.35E+08	29361	52.189	0.011	18.1078	-67.0373
685	42831	18877	2.01E+08	2058239	77.532	0.795	18.33293	-66.9599
687	32610	12381	1.01E+08	140026	38.871	0.054	18.31839	-66.418
688	13543	5353	82401202	77467	31.815	0.03	18.38226	-66.6264
690	6255	2773	7291346	12393	2.815	0.005	18.49551	-67.0987
692	37511	16026	69307906	1999296	26.76	0.772	18.41019	-66.3366
693	61038	25884	1.02E+08	3653903	39.32	1.411	18.42302	-66.3972
694	328	188	2043548	1957116	0.789	0.756	18.48237	-66.3911
698	41782	17924	1.8E+08	7761848	69.618	2.997	18.06485	-66.8563
703	28605	11417	76855070	28384	29.674	0.011	18.2484	-66.1307
704	8577	3871	12627769	1773833	4.876	0.685	17.96577	-66.2196

705	25598	10297	82748292	72306	31.949	0.028	18.12896	-66.2667
707	12225	5546	54561503	3816670	21.066	1.474	18.01365	-65.9207
714	19566	8871	37859151	42765	14.618	0.017	18.0002	-66.0429
715	3656	1532	20434129	150234	7.89	0.058	18.01123	-66.5601
716	33779	14275	22081777	7967534	8.526	3.076	17.99057	-66.6075
717	18457	9518	5417561	109099	2.092	0.042	18.00322	-66.614
718	26606	11970	1.17E+08	3457285	45.24	1.335	18.23199	-65.7596
719	30990	11496	72527843	898356	28.003	0.347	18.28993	-66.2534
720	23129	9059	1.54E+08	286519	59.602	0.111	18.21795	-66.4281
723	19277	9358	1.2E+08	1319657	46.16	0.51	18.04382	-66.0156
725	89374	38678	1.09E+08	1190612	42.159	0.46	18.21882	-66.0424
727	58382	23679	55827071	26963	21.555	0.01	18.21531	-66.0736
728	44908	16698	40524719	21618806	15.647	8.347	17.98985	-66.6641
729	53750	21688	87958918	364682	33.961	0.141	18.32983	-65.8851
730	35742	16253	16850026	123834	6.506	0.048	18.03083	-66.6168
731	15524	5962	1.23E+08	3082106	47.619	1.19	18.10804	-66.6347
735	13730	7749	60362550	1842364	23.306	0.711	18.2526	-65.6825
736	51532	22315	1.43E+08	79564	55.097	0.031	18.10362	-66.1517
738	34922	18383	76243980	78712514	29.438	30.391	18.30446	-65.6987
739	39678	15565	81792808	1113746	31.58	0.43	18.17727	-66.1606
740	2071	1008	1103423	40886	0.426	0.016	18.33116	-65.6341
741	4971	2196	6121151	2792707	2.363	1.078	18.16375	-65.754
745	55062	24529	1.34E+08	6155023	51.613	2.376	18.35284	-65.8178
751	23129	10808	1.22E+08	29378177	46.975	11.343	18.00132	-66.2522
754	40828	17146	1.32E+08	241740	51.029	0.093	18.14713	-65.9763
757	23263	9571	77246859	5609947	29.825	2.166	17.99544	-66.3913
765	9098	5339	49309561	1749411	19.039	0.675	18.1301	-65.4394
766	26488	9947	1.04E+08	3739022	40.039	1.444	18.1332	-66.4769
767	38019	15831	1.44E+08	6805011	55.406	2.627	18.06941	-65.8965
769	40248	16612	1.98E+08	38999	76.513	0.015	18.1038	-66.3576
771	38394	16142	87591047	32514	33.819	0.013	18.1872	-65.8712
772	23105	10211	37975532	13639704	14.662	5.266	18.43897	-65.9052
773	20068	10968	62964008	2572484	24.311	0.993	18.3438	-65.7264
775	1786	1569	27344697	33437932	10.558	12.91	18.32749	-65.296
777	40684	16867	68844419	327723	26.581	0.127	18.22413	-65.9085
778	45429	18127	76776403	1116806	29.644	0.431	18.26302	-65.9791
780	13800	5295	52032587	838321	20.09	0.324	18.10283	-66.5681
782	19304	7535	69008763	319734	26.644	0.123	18.22571	-66.2216
783	36557	13798	1.08E+08	16292	41.847	0.006	18.30391	-66.3262
784	44637	19159	1.44E+08	16278766	55.555	6.285	18.01072	-66.1336
786	357	145	666250	0	0.257	0	18.15542	-66.2299
791	53417	25871	95711037	2868576	36.954	1.108	18.13675	-65.8215
794	30585	11502	91419799	77809	35.297	0.03	18.19901	-66.3098
795	48736	19196	1.2E+08	958123	46.26	0.37	18.06053	-66.4995
901	7080	4990	2534091	30548	0.978	0.012	18.46542	-66.1047
906	4	168	8247	0	0.003	0	18.46446	-66.095
907	17458	13224	3132947	347421	1.21	0.134	18.45268	-66.0781

909	6230	3805	1575598	49304	0.608	0.019	18.44161	-66.0671
911	8623	6096	1245504	0	0.481	0	18.45113	-66.0562
912	6801	3884	854044	0	0.33	0	18.44529	-66.0601
913	9312	4065	843188	0	0.326	0	18.44997	-66.0427
915	32820	16538	3601480	820884	1.391	0.317	18.43718	-66.0456
917	21053	12348	3360017	46991	1.297	0.018	18.42067	-66.0501
918	18056	10850	5520556	101247	2.131	0.039	18.42102	-66.0658
920	17893	9322	7331380	135936	2.831	0.052	18.41429	-66.088
921	37763	17728	6931388	0	2.676	0	18.39227	-66.0886
923	29086	13969	5283986	7303	2.04	0.003	18.40931	-66.0389
924	56691	24971	12143485	1620	4.689	0.001	18.3992	-66.0125
925	8696	5413	1158082	0	0.447	0	18.4003	-66.0506
926	108862	47317	62575083	1052384	24.16	0.406	18.3454	-66.0515
927	14936	7893	6804165	5831	2.627	0.002	18.38795	-66.0721
934	288	140	1940428	26786	0.749	0.01	18.41131	-66.1242
936	681	4	417955	0	0.161	0	18.39546	-66.0738
949	82278	33340	45604190	2130451	17.608	0.823	18.4307	-66.2128
950	9	5	6204986	1989345	2.396	0.768	18.46369	-66.2346
951	35	19	1075640	29541	0.415	0.011	18.42753	-66.2538
952	10008	4169	3207681	0	1.238	0	18.42744	-66.182
953	73014	26609	69144842	1365378	26.697	0.527	18.36073	-66.2515
956	79304	32550	68564483	215310	26.473	0.083	18.31954	-66.1689
957	45680	18275	11965797	1407	4.62	0.001	18.36853	-66.1877
959	50560	22445	16609667	81790	6.413	0.032	18.38892	-66.155
960	1779	0	2409664	2485	0.93	0.001	18.41692	-66.1458
961	32429	13394	13367398	205470	5.161	0.079	18.41223	-66.1652
962	22491	8939	9876249	1152266	3.813	0.445	18.4423	-66.1454
965	9134	3848	1689483	342594	0.652	0.132	18.43376	-66.1148
966	16676	7894	8401213	4490	3.244	0.002	18.40154	-66.1176
968	3478	2228	1180763	0	0.456	0	18.40608	-66.1012
969	42219	17775	12622328	39797	4.874	0.015	18.36806	-66.1081
971	30986	12895	41324409	94183	15.955	0.036	18.31883	-66.1192
976	65136	26564	43356810	738172	16.74	0.285	18.33641	-65.9941
979	17030	12765	4061150	504754	1.568	0.195	18.44439	-66.0301
982	16428	7402	3654231	19111	1.411	0.007	18.41126	-65.992
983	39234	16985	8987630	622892	3.47	0.24	18.41801	-65.9771
985	36553	15241	21083058	759741	8.14	0.293	18.40859	-65.9469
987	63661	25557	64272333	453240	24.816	0.175	18.33816	-65.9411
1001	16769	7557	29635470	2229770	11.442	0.861	42.06233	-72.6283
1002	29049	10388	1.43E+08	4280260	55.041	1.653	42.36398	-72.4585
1003	10372	5	1842384	12788	0.711	0.005	42.38994	-72.5241
1005	5079	2044	1.15E+08	667042	44.242	0.258	42.41885	-72.1066
1007	14649	5839	1.36E+08	6943853	52.643	2.681	42.27901	-72.4005
1008	1263	586	1.39E+08	5086093	53.796	1.964	42.19185	-72.9573
1009	741	341	2065002	23	0.797	0	42.21197	-72.3414
1010	3609	1598	89982811	1420260	34.743	0.548	42.12948	-72.2053
1011	1370	659	81884563	342573	31.616	0.132	42.30028	-72.9687

1012	661	343	33977749	545075	13.119	0.21	42.37543	-72.8582
1013	23188	10246	14567022	1731910	5.624	0.669	42.1549	-72.6028
1020	29668	13688	32308345	1178303	12.474	0.455	42.1727	-72.5618
1022	2451	1209	12322151	2118	4.758	0.001	42.19774	-72.5427
1026	946	513	62170236	332515	24.004	0.128	42.4655	-72.9183
1027	17660	8311	1.05E+08	1189669	40.501	0.459	42.29501	-72.7519
1028	15720	6106	33686035	181933	13.006	0.07	42.05961	-72.5012
1029	789	1078	41047358	5315012	15.848	2.052	42.1934	-73.0446
1030	11669	4582	30736637	469718	11.867	0.181	42.07293	-72.687
1031	1308	596	20959213	0	8.092	0	42.3294	-72.1982
1032	570	363	30481491	887372	11.769	0.343	42.45761	-72.8148
1033	6227	2454	72068288	667254	27.826	0.258	42.24496	-72.5
1034	2021	1145	1.85E+08	5014353	71.534	1.936	42.09821	-72.9613
1035	5250	2230	59791827	3939738	23.086	1.521	42.35648	-72.5686
1036	5109	1937	50521716	105963	19.507	0.041	42.06295	-72.4173
1037	838	253	34391428	235915	13.279	0.091	42.36796	-72.1887
1038	2545	1181	25893889	2245685	9.998	0.867	42.3855	-72.6069
1039	1336	640	34206722	595533	13.207	0.23	42.40428	-72.6889
1040	39880	16384	55116741	4025645	21.281	1.554	42.21166	-72.6424
1050	2530	1167	99270932	2581121	38.329	0.997	42.28675	-72.8697
1053	1685	636	13289904	251888	5.131	0.097	42.3563	-72.7136
1054	1851	811	59071058	425618	22.807	0.164	42.46959	-72.4845
1056	21103	8383	70460584	2836425	27.205	1.095	42.18887	-72.4591
1057	8534	3470	1.16E+08	1607537	44.907	0.621	42.0936	-72.3215
1060	15284	7307	28276974	3261695	10.918	1.259	42.32149	-72.6306
1062	11150	4784	47018995	396854	18.154	0.153	42.32831	-72.7039
1063	430	1	100502	0	0.039	0	42.31888	-72.6385
1066	64	25	1839260	121053	0.71	0.047	42.4069	-72.655
1068	1902	711	53949370	1008115	20.83	0.389	42.35086	-72.0442
1069	8469	3779	72688936	766584	28.065	0.296	42.18779	-72.3085
1070	629	320	53200760	594033	20.541	0.229	42.51845	-72.919
1071	1596	638	40349276	803435	15.579	0.31	42.16006	-72.8739
1072	1478	748	52021993	1342210	20.086	0.518	42.45697	-72.4172
1073	5792	2337	72913678	2077741	28.152	0.802	42.22695	-72.7416
1074	319	132	220752	52379	0.085	0.02	42.3876	-72.0932
1075	17527	7162	45888980	1773571	17.718	0.685	42.25635	-72.5808
1077	9502	3916	79825932	2153492	30.821	0.831	42.05257	-72.7774
1079	692	325	2921898	108238	1.128	0.042	42.19742	-72.327
1080	2334	1093	4473453	258220	1.727	0.1	42.18222	-72.3657
1081	1698	820	37544477	568325	14.496	0.219	42.06131	-72.2344
1082	10322	4768	1.19E+08	16183211	46.105	6.248	42.29353	-72.2786
1083	2888	1270	40871193	156824	15.78	0.061	42.20364	-72.1946
1084	176	88	23821014	222863	9.197	0.086	42.39237	-72.8822
1085	41117	16363	1.55E+08	2964576	59.946	1.145	42.1535	-72.7716
1086	687	0	96152	0	0.037	0	42.13045	-72.794
1088	670	357	13468904	36984	5.2	0.014	42.39171	-72.6465
1089	28391	12697	43286505	2094117	16.713	0.809	42.12545	-72.6497

1092	1394	591	17359776	80681	6.703	0.031	42.19187	-72.2351
1093	325	156	13063805	16741	5.044	0.006	42.43512	-72.655
1094	351	171	2942290	169907	1.136	0.066	42.35911	-72.1368
1095	14319	5535	58570047	581247	22.614	0.224	42.12733	-72.4274
1096	2217	1029	82059161	532858	31.683	0.206	42.39714	-72.7636
1097	111	40	4426154	208868	1.709	0.081	42.17804	-72.8326
1098	1101	610	81200703	384439	31.352	0.148	42.39432	-72.9431
1103	2479	1661	1191989	205067	0.46	0.079	42.10411	-72.592
1104	22865	9381	13509560	212850	5.216	0.082	42.13401	-72.5654
1105	12350	5586	3219040	306964	1.243	0.119	42.09521	-72.5776
1106	16021	6107	24090566	1331605	9.301	0.514	42.04757	-72.5711
1107	11611	4252	3903756	89142	1.507	0.034	42.12106	-72.6071
1108	26688	10992	9643254	406401	3.723	0.157	42.08069	-72.5608
1109	30250	10818	14094949	487865	5.442	0.188	42.11967	-72.5497
1118	14071	5911	9312203	260877	3.595	0.101	42.09373	-72.5259
1119	14152	5185	9194297	241739	3.55	0.093	42.12498	-72.5112
1128	2631	1077	2892857	1287	1.117	0	42.0923	-72.4891
1129	7019	2982	8867992	237886	3.424	0.092	42.11906	-72.4874
1151	8698	3699	6134290	464565	2.368	0.179	42.15186	-72.5091
1199	0	0	28277	0	0.011	0	42.12056	-72.6045
1201	46504	22443	1.37E+08	6752938	52.918	2.607	42.44824	-73.2737
1220	8603	4434	63689337	204142	24.591	0.079	42.6238	-73.1167
1222	829	361	8565484	333235	3.307	0.129	42.0587	-73.3222
1223	2314	1986	1.81E+08	5294145	69.751	2.044	42.31223	-73.1101
1224	182	81	720507	82246	0.278	0.032	42.51336	-73.1956
1225	3117	1466	65025449	1821072	25.106	0.703	42.56336	-73.1536
1226	6945	2993	68319649	366617	26.378	0.142	42.48112	-73.1351
1229	95	61	1897309	1745	0.733	0.001	42.27634	-73.3359
1230	8430	4633	2.37E+08	4530189	91.519	1.749	42.17294	-73.3245
1235	2766	1507	1.18E+08	2794609	45.643	1.079	42.43062	-73.0641
1236	1509	784	12437975	157895	4.802	0.061	42.2665	-73.3784
1237	2496	1334	1.6E+08	1140685	61.823	0.44	42.54782	-73.268
1238	6047	3155	90217712	2706357	34.833	1.045	42.2975	-73.2301
1240	4534	2920	55374233	1159162	21.38	0.448	42.36786	-73.2698
1242	476	214	1288423	24934	0.497	0.01	42.33373	-73.2492
1243	334	188	48306686	57277	18.651	0.022	42.35012	-73.0241
1244	151	84	6345198	70886	2.45	0.027	42.11809	-73.2575
1245	985	914	72467551	2047530	27.98	0.791	42.18689	-73.2231
1247	16087	7785	1.36E+08	1480109	52.524	0.571	42.69844	-73.0841
1253	731	568	47310437	1044523	18.267	0.403	42.20668	-73.1132
1254	972	591	37713379	147081	14.561	0.057	42.38202	-73.3655
1255	915	671	1.34E+08	3047061	51.806	1.176	42.1075	-73.1186
1256	692	357	92838285	452299	35.845	0.175	42.59417	-73.0223
1257	2121	1231	93848678	2221979	36.235	0.858	42.08525	-73.3675
1258	374	338	66839821	399664	25.807	0.154	42.10928	-73.4629
1259	635	431	65593267	2042077	25.326	0.788	42.07547	-73.2344
1260	240	134	6503634	101867	2.511	0.039	42.2957	-73.3425

1262	1238	1068	31167340	2127685	12.034	0.822	42.2922	-73.3192
1264	137	109	29425420	90081	11.361	0.035	42.23159	-73.2024
1266	1463	1096	67473737	780772	26.052	0.301	42.31234	-73.3878
1267	7989	3202	1.41E+08	342660	54.554	0.132	42.67162	-73.247
1270	778	441	82512104	420829	31.858	0.162	42.51527	-73.0312
1301	17700	8485	66020418	1388444	25.491	0.536	42.62676	-72.6015
1330	1506	771	86313800	631880	33.326	0.244	42.51395	-72.8215
1331	13263	6028	1.38E+08	3586460	53.222	1.385	42.56241	-72.1911
1337	2596	1165	96405836	165266	37.223	0.064	42.68931	-72.5822
1338	187	82	8946607	12299	3.454	0.005	42.57265	-72.8244
1339	1438	787	1.42E+08	630079	54.978	0.243	42.60378	-72.8896
1340	1701	954	1.14E+08	658628	44.182	0.254	42.69473	-72.7111
1341	1833	801	92426089	465179	35.686	0.18	42.49694	-72.7094
1342	1492	518	46190734	2211971	17.834	0.854	42.54389	-72.6095
1343	75	38	12615499	76887	4.871	0.03	42.65763	-72.9789
1344	1498	654	35313664	1342460	13.635	0.518	42.61342	-72.4264
1346	533	429	54379277	99661	20.996	0.038	42.69328	-72.8231
1347	166	75	1495232	221070	0.577	0.085	42.55929	-72.5188
1349	1091	496	19874430	573426	7.674	0.221	42.56306	-72.4821
1350	121	77	27768017	274112	10.721	0.106	42.72777	-72.9853
1351	2270	1032	54198079	1126552	20.926	0.435	42.53988	-72.5217
1354	1500	608	35647707	2665409	13.764	1.029	42.62408	-72.5086
1355	878	418	1.23E+08	35676837	47.38	13.775	42.45852	-72.3272
1360	3032	1391	88796644	2812794	34.285	1.086	42.67709	-72.4539
1364	7969	3652	1.02E+08	2854976	39.229	1.102	42.61515	-72.2899
1366	1277	566	1.05E+08	1453531	40.405	0.561	42.47562	-72.1925
1367	522	300	68727436	1770127	26.536	0.683	42.69553	-72.9091
1368	1261	578	1.08E+08	1829133	41.842	0.706	42.67946	-72.1769
1370	4084	1976	1.29E+08	1398461	49.819	0.54	42.59334	-72.7269
1373	4600	2076	62576781	1471565	24.161	0.568	42.47386	-72.6156
1375	3684	1729	36856254	1349204	14.23	0.521	42.46676	-72.5469
1376	5247	2503	7149877	1465720	2.761	0.566	42.59528	-72.555
1378	774	441	88114809	812951	34.021	0.314	42.67353	-72.3532
1379	813	420	78233305	962449	30.206	0.372	42.55631	-72.4071
1420	40337	17128	78520256	1778875	30.317	0.687	42.58493	-71.8169
1430	6089	2606	95807807	6750019	36.992	2.606	42.65701	-71.9234
1431	3074	1191	61389725	1002029	23.703	0.387	42.67629	-71.8325
1432	7089	3422	21888062	1219817	8.451	0.471	42.56657	-71.5751
1434	1795	122	13678208	401234	5.281	0.155	42.53909	-71.6116
1436	3336	1214	24849921	506517	9.595	0.196	42.60337	-72.0884
1438	559	214	1403430	48435	0.542	0.019	42.56224	-72.0314
1440	20347	9179	62268795	2487879	24.042	0.961	42.58652	-71.9881
1450	10646	3989	84853731	2575943	32.762	0.995	42.61176	-71.5653
1451	4747	1824	49550919	1682988	19.132	0.65	42.50191	-71.5682
1452	4382	1662	1.06E+08	2406515	41.071	0.929	42.4896	-72.0029
1453	40883	17912	73735859	1369889	28.47	0.529	42.51996	-71.7631
1460	8924	3477	42791669	2583059	16.522	0.997	42.53593	-71.4906

1462	10086	4133	68579436	3269933	26.479	1.263	42.58261	-71.7205
1463	11497	4348	58533407	1546295	22.6	0.597	42.67064	-71.6029
1464	7211	2427	38884871	204034	15.014	0.079	42.57365	-71.641
1467	316	141	4908783	28882	1.895	0.011	42.49237	-71.6093
1468	4021	1671	55425624	688465	21.4	0.266	42.54277	-72.0683
1469	6801	2572	59261468	606711	22.881	0.234	42.66506	-71.6953
1473	7277	2960	91766611	4719705	35.431	1.822	42.5546	-71.9054
1474	2125	813	25690700	78185	9.919	0.03	42.66969	-71.7528
1475	10270	4179	1.11E+08	2716014	42.852	1.049	42.66816	-72.0556
1501	16075	6770	40018190	2420118	15.451	0.934	42.19871	-71.846
1503	2866	1189	33598202	523984	12.972	0.202	42.38493	-71.6339
1504	9026	3628	28685128	819182	11.075	0.316	42.03999	-71.5324
1505	4355	1778	41598694	9562396	16.061	3.692	42.35505	-71.7162
1506	3390	1493	40266781	2729462	15.547	1.054	42.18179	-72.1075
1507	12981	4885	1.09E+08	4179167	42.183	1.614	42.13394	-71.968
1510	13606	6397	14645926	4178501	5.655	1.613	42.41189	-71.69
1515	2183	931	25514944	1433058	9.851	0.553	42.20968	-72.0402
1516	8500	3306	95201650	4019691	36.758	1.552	42.05307	-71.7522
1518	2974	1326	22976455	1925342	8.871	0.743	42.12748	-72.1188
1519	6595	2539	28261149	279201	10.912	0.108	42.2034	-71.6797
1520	13997	5339	46830036	1794650	18.081	0.693	42.33637	-71.8506
1521	2481	1365	31841683	1990803	12.294	0.769	42.0468	-72.1801
1522	3310	1298	42419059	1399750	16.378	0.54	42.37563	-71.8674
1523	7582	2462	65263989	1138106	25.199	0.439	42.48282	-71.6755
1524	6696	2594	41375156	2508035	15.975	0.968	42.2496	-71.9192
1525	290	120	1162429	81164	0.449	0.031	42.10679	-71.6305
1527	13246	5618	40323227	1862226	15.569	0.719	42.19225	-71.7776
1529	3190	1162	12706301	151536	4.906	0.059	42.03664	-71.5788
1531	999	390	53842961	405495	20.789	0.157	42.31913	-72.1308
1532	14155	5314	47852201	705487	18.476	0.272	42.32334	-71.6462
1534	5631	2123	22682354	325730	8.758	0.126	42.14207	-71.6433
1535	4680	2058	55084070	1759511	21.268	0.679	42.26756	-72.0669
1536	6888	2794	21598203	755400	8.339	0.292	42.23131	-71.6926
1537	2248	1077	18085937	295745	6.983	0.114	42.15897	-71.8971
1540	11291	4395	50128319	2048507	19.355	0.791	42.11617	-71.8574
1541	3413	1339	91709834	1032231	35.409	0.399	42.45413	-71.8775
1542	2202	829	10426627	422661	4.026	0.163	42.20425	-71.9089
1543	7973	2990	90918826	2972193	35.104	1.148	42.38898	-71.9705
1545	35299	13955	53712526	2715591	20.739	1.048	42.28477	-71.7142
1550	16719	7527	52512755	1627401	20.275	0.628	42.05967	-72.034
1560	4527	1844	9238873	270445	3.567	0.104	42.1754	-71.6742
1561	330	102	319273	0	0.123	0	42.44397	-71.6856
1562	11688	5295	85038323	3036877	32.833	1.173	42.24721	-71.9919
1564	7808	2965	79343448	2761462	30.635	1.066	42.44792	-71.776
1566	6294	2663	73430539	2562230	28.352	0.989	42.10321	-72.0795
1568	7480	2808	55529918	593264	21.44	0.229	42.17653	-71.6036
1569	13569	5349	75315947	1580796	29.08	0.61	42.05589	-71.6313

1570	16767	8011	32048670	5780810	12.374	2.232	42.04753	-71.847
1571	11390	4403	53915863	2717076	20.817	1.049	42.05378	-71.9351
1581	18272	7350	53312878	2229292	20.584	0.861	42.26843	-71.6133
1583	7591	2721	32672267	2354742	12.615	0.909	42.36942	-71.785
1585	4554	2049	66174237	1669484	25.55	0.645	42.2408	-72.1626
1588	9733	3903	22296389	1660430	8.609	0.641	42.11923	-71.6718
1590	8875	3360	82903473	4181050	32.009	1.614	42.13205	-71.7503
1602	22819	9451	14936885	631588	5.767	0.244	42.27156	-71.85
1603	19916	7950	11691789	340396	4.514	0.131	42.24464	-71.8439
1604	34677	15570	16677756	474175	6.439	0.183	42.25325	-71.768
1605	26221	11140	14612620	341309	5.642	0.132	42.28968	-71.7878
1606	19077	8449	15358057	24039	5.93	0.009	42.31525	-71.7957
1607	8351	3850	8199220	136988	3.166	0.053	42.22596	-71.7889
1608	3888	1743	1159110	0	0.448	0	42.26198	-71.8015
1609	22421	8307	9893464	56961	3.82	0.022	42.28511	-71.83
1610	23945	8321	5505953	9032	2.126	0.003	42.24705	-71.8084
1611	2242	916	8915204	647961	3.442	0.25	42.2376	-71.8758
1612	4845	1608	39666695	1982438	15.315	0.765	42.29664	-71.9296
1701	31217	12590	43923156	1816225	16.959	0.701	42.32017	-71.4404
1702	37206	14984	20957508	1972446	8.092	0.762	42.28258	-71.4368
1718	469	205	121367	0	0.047	0	42.51982	-71.4293
1719	4996	2073	26640078	316293	10.286	0.122	42.48599	-71.521
1720	21361	8294	51057015	1113826	19.713	0.43	42.48395	-71.4385
1721	16593	6609	31933385	1395841	12.33	0.539	42.25776	-71.4735
1730	13221	5372	35478046	460820	13.698	0.178	42.49933	-71.2819
1731	1396	477	2049705	0	0.791	0	42.45675	-71.2795
1740	4897	1738	51675247	348786	19.952	0.135	42.43994	-71.6019
1741	4852	1758	39536091	641968	15.265	0.248	42.53662	-71.3618
1742	17726	6964	63296150	3384588	24.439	1.307	42.46291	-71.3645
1745	397	188	1033541	3023	0.399	0.001	42.29307	-71.4992
1746	13547	5087	48288456	1071734	18.644	0.414	42.19595	-71.4534
1747	5911	2285	13392801	443995	5.171	0.171	42.12408	-71.5334
1748	14925	5128	68016796	4215056	26.261	1.627	42.2241	-71.5405
1749	19063	7998	29841347	890275	11.522	0.344	42.38907	-71.5459
1752	38499	16416	54041301	3200938	20.865	1.236	42.34962	-71.5472
1754	10106	4447	13502214	407075	5.213	0.157	42.42596	-71.4563
1756	5839	2091	46035300	552653	17.774	0.213	42.09447	-71.5449
1757	28061	11436	38538162	711615	14.88	0.275	42.15869	-71.5214
1760	32786	14039	38359306	2599042	14.811	1.003	42.28482	-71.3488
1770	4119	1495	40966896	961380	15.817	0.371	42.23357	-71.3747
1772	9370	3272	35264800	3918373	13.616	1.513	42.30288	-71.5308
1773	5112	2154	35266029	2003417	13.616	0.774	42.42551	-71.3108
1775	6590	2526	44839702	1739781	17.313	0.672	42.42969	-71.5125
1776	17659	5951	62778117	1244383	24.239	0.48	42.38337	-71.4211
1778	13109	5058	39388852	2080227	15.208	0.803	42.34369	-71.3812
1801	38903	16737	32769438	806847	12.652	0.312	42.48866	-71.1544
1803	24487	9664	30291646	324832	11.696	0.125	42.50323	-71.2017

1810	33201	12423	79897507	3425223	30.849	1.322	42.64804	-71.1618
1821	30310	11159	42910631	1026154	16.568	0.396	42.54933	-71.2517
1824	24911	9849	45964727	1008300	17.747	0.389	42.59079	-71.3552
1826	29422	11332	53421277	1706647	20.626	0.659	42.67972	-71.3007
1827	3179	1098	42620556	784744	16.456	0.303	42.67608	-71.5005
1830	25137	10751	35735901	3350990	13.798	1.294	42.79631	-71.0534
1832	22060	9283	29420960	1250817	11.359	0.483	42.79111	-71.1329
1833	8183	3044	33307258	750803	12.86	0.29	42.72789	-70.982
1834	6459	2439	23008816	1330583	8.884	0.514	42.7539	-71.0159
1835	13682	5623	20235250	2287169	7.813	0.883	42.75116	-71.0942
1840	4733	2347	1290418	200628	0.498	0.077	42.70676	-71.1604
1841	47225	15506	8000223	462412	3.089	0.179	42.71202	-71.1649
1843	24425	9287	8726317	579700	3.369	0.224	42.68997	-71.1604
1844	47249	18337	57543453	2042287	22.218	0.789	42.74275	-71.1786
1845	28352	10964	68133522	3720537	26.307	1.437	42.67391	-71.0913
1850	15237	5938	3521737	305905	1.36	0.118	42.65605	-71.3033
1851	30190	10760	8645533	115440	3.338	0.045	42.62781	-71.3353
1852	33508	14430	12828750	627353	4.953	0.242	42.63185	-71.2958
1854	27606	10315	10187861	1393292	3.934	0.538	42.64948	-71.3482
1860	6338	2555	21907317	1027094	8.458	0.397	42.8386	-71.012
1862	10227	3491	23934124	1075799	9.241	0.415	42.57854	-71.2956
1863	8891	3958	11973645	841571	4.623	0.325	42.63378	-71.3895
1864	14892	5633	34032377	923752	13.14	0.357	42.57822	-71.0844
1867	23956	9187	25733362	47893	9.936	0.018	42.53518	-71.1054
1876	28667	10679	52981194	935803	20.456	0.361	42.6118	-71.2276
1879	11305	4213	43464244	3639806	16.782	1.405	42.66776	-71.4288
1880	24733	10323	17889529	1399492	6.907	0.54	42.50153	-71.0675
1886	21951	7876	78391449	2854186	30.267	1.102	42.5853	-71.4398
1887	22325	7808	43971880	464398	16.978	0.179	42.56465	-71.1645
1890	21382	7988	15615337	818634	6.029	0.316	42.45275	-71.1443
1901	1689	1034	641320	68753	0.248	0.027	42.46071	-70.9461
1902	45139	18354	6223889	235638	2.403	0.091	42.47104	-70.9415
1904	18203	7182	11708211	1303900	4.521	0.503	42.49246	-70.9739
1905	25251	9187	9219345	1195154	3.56	0.461	42.466	-70.9758
1906	26660	10786	27973350	2606092	10.801	1.006	42.46843	-71.0139
1907	14027	5960	7864226	1107037	3.036	0.427	42.47429	-70.9059
1908	3410	1677	2708929	3559697	1.046	1.374	42.42826	-70.926
1913	16283	7110	31761151	3785528	12.263	1.462	42.85128	-70.9558
1915	39502	16641	39091336	3958118	15.093	1.528	42.57027	-70.867
1921	7961	2756	61010486	2188501	23.556	0.845	42.68311	-71.0183
1922	3108	1115	24831876	776283	9.588	0.3	42.75731	-70.9142
1923	26342	11135	34194563	2348722	13.203	0.907	42.57417	-70.9505
1929	3504	1600	36187007	5125535	13.972	1.979	42.63442	-70.7766
1930	28789	14557	67847425	13972397	26.196	5.395	42.61991	-70.6818
1937	151	0	189212	0	0.073	0	42.58572	-70.9841
1938	13175	6006	78817223	13930917	30.432	5.379	42.68386	-70.8427
1940	12108	4729	27320434	1710864	10.548	0.661	42.53412	-71.0386

1944	5136	2394	23902799	3207908	9.229	1.239	42.57664	-70.7672
1945	19808	8838	11360555	8555892	4.386	3.303	42.50184	-70.8591
1949	8987	3045	34849382	2665532	13.455	1.029	42.60667	-71.0103
1950	17416	8264	21621492	5985744	8.348	2.311	42.81236	-70.8911
1951	3558	1821	35652314	6826542	13.765	2.636	42.77335	-70.8502
1952	8283	4550	39960063	6038577	15.429	2.332	42.84479	-70.8415
1960	50944	22024	41432495	1461233	15.997	0.564	42.5342	-70.9697
1966	6952	4223	18106523	4167724	6.991	1.609	42.64074	-70.6202
1969	5856	2253	45304086	4366203	17.492	1.686	42.72088	-70.8912
1970	41109	19063	21002235	14198461	8.109	5.482	42.52444	-70.8709
1982	7764	2880	36737604	1888109	14.184	0.729	42.62622	-70.8572
1983	6089	2176	30880674	2324542	11.923	0.898	42.64138	-70.9434
1984	4875	1430	19841456	1246967	7.661	0.481	42.6006	-70.8834
1985	4235	1580	34838123	3299757	13.451	1.274	42.79952	-70.9644
2019	16332	6365	47523223	1424298	18.349	0.55	42.07668	-71.4745
2021	21561	8762	48682844	2114286	18.797	0.816	42.17574	-71.1254
2025	7542	2980	25353993	2759142	9.789	1.065	42.23642	-70.8144
2026	24711	10184	26532271	1037912	10.244	0.401	42.24687	-71.1795
2030	5589	1969	39156781	816021	15.119	0.315	42.23524	-71.288
2032	4226	1593	6059763	155224	2.34	0.06	42.15688	-71.2162
2035	16865	6895	51406167	2593185	19.848	1.001	42.06134	-71.2458
2038	31635	11394	68961360	1038205	26.626	0.401	42.08486	-71.4106
2043	22157	8953	57360231	2272722	22.147	0.878	42.2161	-70.8813
2045	10293	5762	6884305	14237684	2.658	5.497	42.29225	-70.9239
2047	180	264	619346	21837	0.239	0.008	42.13373	-70.6859
2048	23184	8746	52040205	851508	20.093	0.329	42.0173	-71.2173
2050	25429	11292	75312115	10899419	29.078	4.208	42.11514	-70.7103
2052	12024	4237	37301542	605144	14.402	0.234	42.1846	-71.3053
2053	12752	4613	29895562	335626	11.543	0.13	42.15582	-71.4328
2054	7891	3158	31135982	602483	12.022	0.233	42.17255	-71.3628
2056	10981	3121	38510383	1290280	14.869	0.498	42.11625	-71.3294
2061	10506	3675	54233819	816474	20.94	0.315	42.16457	-70.8188
2062	28602	12479	26828047	419990	10.358	0.162	42.18736	-71.196
2066	17656	7419	43831891	5690167	16.924	2.197	42.20227	-70.7582
2067	17486	6414	58720809	2471504	22.672	0.954	42.10778	-71.1818
2071	1707	321	2513156	33452	0.97	0.013	42.10343	-71.2736
2072	26999	10799	41680231	969279	16.093	0.374	42.11901	-71.1037
2081	18472	7156	46419365	1417966	17.923	0.547	42.14623	-71.2704
2090	14636	5438	28215944	740388	10.894	0.286	42.21965	-71.2168
2093	10955	3869	56218838	2344453	21.706	0.905	42.05267	-71.3569
2108	3825	2278	354836	0	0.137	0	42.35777	-71.0648
2109	3771	2462	449654	292691	0.174	0.113	42.36722	-71.0506
2110	1733	1264	479769	234496	0.185	0.091	42.36196	-71.0478
2111	7383	3628	669967	56933	0.259	0.022	42.35052	-71.0591
2113	6915	4682	260829	0	0.101	0	42.36534	-71.0552
2114	11999	7672	1164209	303495	0.45	0.117	42.36318	-71.0686
2115	28441	10838	1834246	103612	0.708	0.04	42.33634	-71.1042

2116	20628	12644	1632629	265681	0.63	0.103	42.35058	-71.0764
2118	26498	12967	2850698	15328	1.101	0.006	42.33786	-71.0698
2119	25346	11048	4136145	0	1.597	0	42.32403	-71.085
2120	15181	5335	1607730	0	0.621	0	42.33209	-71.0965
2121	25978	10589	4520355	23476	1.745	0.009	42.30627	-71.0859
2122	23479	8887	5263269	1641767	2.032	0.634	42.29141	-71.0422
2124	47783	19053	7777026	186127	3.003	0.072	42.28581	-71.0706
2125	33295	13263	5523791	799283	2.133	0.309	42.31575	-71.0559
2126	25562	10151	5392506	62719	2.082	0.024	42.27402	-71.0968
2127	31799	16409	5230991	1590045	2.02	0.614	42.33499	-71.0391
2128	40508	15854	12561059	2952872	4.85	1.14	42.36113	-71.007
2129	16439	8648	3492181	1266666	1.348	0.489	42.37966	-71.0615
2130	35401	16016	8635553	328448	3.334	0.127	42.30917	-71.1138
2131	29826	12286	6714525	12766	2.592	0.005	42.28433	-71.1262
2132	25861	11341	11813317	248109	4.561	0.096	42.28046	-71.162
2134	21503	9664	3435273	117848	1.326	0.046	42.35802	-71.1286
2135	42780	20834	6824138	572755	2.635	0.221	42.34969	-71.154
2136	28488	11092	11887342	279164	4.59	0.108	42.25508	-71.1292
2138	36314	14949	7097709	838564	2.74	0.324	42.37964	-71.1352
2139	36349	15402	4031035	368360	1.556	0.142	42.36299	-71.1034
2140	17607	8638	2987938	53843	1.154	0.021	42.39216	-71.134
2141	11910	6596	1657355	29054	0.64	0.011	42.3703	-71.0826
2142	3141	1794	716170	577829	0.277	0.223	42.36147	-71.082
2143	24514	11752	3981832	15276	1.537	0.006	42.38099	-71.0966
2144	23891	11389	2802134	6468	1.082	0.002	42.39966	-71.1226
2145	25439	10520	3615157	234798	1.396	0.091	42.39158	-71.0899
2148	59503	25191	13063769	99890	5.044	0.039	42.43014	-71.0577
2149	41550	16662	8873256	630370	3.426	0.243	42.40594	-71.0546
2150	35124	12596	5718794	638247	2.208	0.246	42.39682	-71.0313
2151	51808	22125	15190546	3291332	5.865	1.271	42.41829	-71.0013
2152	17497	8320	5108308	3079916	1.972	1.189	42.37306	-70.9748
2155	57964	24032	21229511	1455993	8.197	0.562	42.42384	-71.1077
2163	2582	712	256727	32165	0.099	0.012	42.36617	-71.1229
2169	55055	26481	23235908	3796812	8.971	1.466	42.24839	-71.0023
2170	19505	8041	5394724	186181	2.083	0.072	42.26641	-71.0156
2171	17711	8316	6357853	4944053	2.455	1.909	42.29214	-71.0205
2176	26983	11751	12117823	219781	4.679	0.085	42.45572	-71.059
2180	21437	9458	15589590	1631902	6.019	0.63	42.47421	-71.0977
2184	35744	14302	35608882	2108884	13.749	0.814	42.20542	-71.0022
2186	27003	9700	33697230	765195	13.011	0.295	42.24159	-71.0827
2188	14608	6521	9632561	378900	3.719	0.146	42.20458	-70.9577
2189	14559	6292	9905564	925710	3.825	0.357	42.2087	-70.931
2190	16119	6904	18436640	1374554	7.118	0.531	42.16673	-70.9524
2191	8457	3763	5242350	2721859	2.024	1.051	42.24345	-70.942
2199	1146	927	148951	0	0.058	0	42.34746	-71.082
2203	0	0	80317	0	0.031	0	42.3606	-71.0588
2210	2090	1358	2399614	1404157	0.926	0.542	42.34779	-71.0396

2215	26125	9324	1979040	280050	0.764	0.108	42.34759	-71.1029
2301	61025	23673	32204729	441571	12.434	0.17	42.07837	-71.0423
2302	32741	11857	23025347	67031	8.89	0.026	42.08812	-70.9983
2322	4356	1769	11112284	639902	4.29	0.247	42.1324	-71.0539
2324	26563	8336	70749309	2834816	27.316	1.095	41.97239	-70.9788
2330	11509	4600	96872155	6038938	37.403	2.332	41.87805	-70.7441
2332	15059	5875	61481268	10661003	23.738	4.116	42.04437	-70.7061
2333	13794	4906	44570841	842755	17.209	0.325	42.03728	-70.9405
2338	7518	3014	41448333	3604915	16.003	1.392	42.00351	-70.8633
2339	13879	4852	40427614	218489	15.609	0.084	42.12296	-70.8563
2341	10218	3593	38991864	1801806	15.055	0.696	42.05034	-70.8672
2343	10745	4261	18146751	280250	7.007	0.108	42.14891	-71.0037
2346	23106	9020	1.78E+08	7968490	68.867	3.077	41.878	-70.8693
2347	10612	4180	77093626	17019522	29.766	6.571	41.83447	-70.957
2351	16029	6399	25007126	617669	9.655	0.238	42.11996	-70.9572
2356	12564	4406	35492978	827752	13.704	0.32	42.06049	-71.125
2357	1360	8	1246186	53728	0.481	0.021	42.05514	-71.0814
2359	17828	6548	56402221	4410938	21.777	1.703	42.0678	-70.8057
2360	56271	24800	2.47E+08	33944781	95.51	13.106	41.88336	-70.6314
2364	12629	5010	48321362	2940978	18.657	1.136	41.9872	-70.7419
2366	197	0	2451742	69606	0.947	0.027	41.85057	-70.656
2367	2820	1043	38005424	1105747	14.674	0.427	41.9591	-70.8028
2368	32158	12021	26096452	1518228	10.076	0.586	42.17645	-71.0516
2370	17489	7051	26704840	217611	10.311	0.084	42.1304	-70.9106
2375	9188	3741	37729521	359957	14.567	0.139	42.00304	-71.0769
2379	6916	2669	39681845	913634	15.321	0.353	42.02162	-71.0267
2382	14489	5522	17974070	59307	6.94	0.023	42.07897	-70.9394
2420	14052	5251	17052453	126708	6.584	0.049	42.45706	-71.2155
2421	17342	6768	25510908	417186	9.85	0.161	42.43855	-71.2396
2445	20679	8974	6740785	119571	2.603	0.046	42.32548	-71.135
2446	29311	14229	3333660	11957	1.287	0.005	42.3435	-71.1222
2451	17426	7898	14303526	1828792	5.523	0.706	42.39782	-71.2557
2452	14238	5033	9580492	86311	3.699	0.033	42.39207	-71.2184
2453	28968	11995	9061760	736213	3.499	0.284	42.36954	-71.2405
2457	1432	90	413241	0	0.16	0	42.29939	-71.2742
2458	12131	5341	5185782	97094	2.002	0.037	42.35341	-71.1879
2459	19095	6763	12962330	218481	5.005	0.084	42.31478	-71.192
2460	8742	3774	3480934	23292	1.344	0.009	42.35182	-71.2085
2461	7059	2771	3767371	36499	1.455	0.014	42.31736	-71.2065
2462	1554	668	1369318	69749	0.529	0.027	42.32871	-71.2559
2464	2953	1287	1463154	29494	0.565	0.011	42.31298	-71.2189
2465	11710	4520	5809240	1401	2.243	0.001	42.34891	-71.2263
2466	8096	3090	4638221	214162	1.791	0.083	42.34446	-71.2486
2467	22491	7000	12618589	142371	4.872	0.055	42.31461	-71.1531
2468	5273	1930	3833292	57129	1.48	0.022	42.32855	-71.2296
2472	32014	15622	10440627	320456	4.031	0.124	42.36945	-71.1779
2474	26312	12317	7905847	706806	3.052	0.273	42.42095	-71.1564

2476	16532	7657	5422176	191590	2.094	0.074	42.41564	-71.1757
2478	24664	10158	12035126	185797	4.647	0.072	42.39532	-71.1803
2481	16244	5044	14612716	246885	5.642	0.095	42.31193	-71.2755
2482	10306	4055	10898492	1043141	4.208	0.403	42.29314	-71.2981
2492	19931	7382	24675395	910125	9.527	0.351	42.27603	-71.2445
2493	11261	4008	43574801	1316917	16.824	0.508	42.3605	-71.3034
2494	8955	3740	7166369	220234	2.767	0.085	42.29941	-71.2327
2532	12690	6601	36913958	6866891	14.253	2.651	41.75177	-70.5976
2534	842	657	5920954	1492817	2.286	0.576	41.66782	-70.6204
2535	1177	2109	63129227	65865221	24.374	25.431	41.33441	-70.7631
2536	19583	11956	71696166	9066635	27.682	3.501	41.59698	-70.5679
2537	6293	3099	31330309	1594577	12.097	0.616	41.72842	-70.4358
2538	3603	1739	11786097	1199921	4.551	0.463	41.77636	-70.6489
2539	4067	5220	69429046	53111263	26.807	20.506	41.37766	-70.5221
2540	8221	6605	27746696	4550024	10.713	1.757	41.57419	-70.6283
2542	1139	449	79576588	127974	30.725	0.049	41.70784	-70.5455
2543	635	863	25723427	52350280	9.932	20.213	41.47897	-70.7669
2553	226	176	636142	1769252	0.246	0.683	41.71252	-70.6208
2554	9852	10393	1.01E+08	43413216	39.127	16.762	41.29117	-70.0928
2556	3115	2593	10034104	1164445	3.874	0.45	41.63945	-70.6245
2557	4491	4333	18660871	11124443	7.205	4.295	41.4413	-70.5741
2558	2156	1792	3183300	2714452	1.229	1.048	41.74502	-70.6535
2559	3376	2605	13033944	3840927	5.032	1.483	41.69024	-70.6163
2561	539	266	1591817	218387	0.615	0.084	41.76935	-70.5326
2562	2977	1574	8673478	835829	3.349	0.323	41.78721	-70.5267
2563	10359	4742	34195598	2748064	13.203	1.061	41.72814	-70.4765
2564	310	1203	14939825	2745176	5.768	1.06	41.27063	-69.9864
2568	4000	3113	17279816	10058425	6.672	3.884	41.45859	-70.6159
2571	10481	5629	51545392	12447645	19.902	4.806	41.76119	-70.696
2575	2725	2198	64751624	11033111	25.001	4.26	41.40025	-70.6569
2576	3754	1775	25281005	1088191	9.761	0.42	41.77222	-70.7629
2584	10	22	193854	0	0.075	0	41.25869	-70.0071
2601	14089	8062	22253040	2151579	8.592	0.831	41.65786	-70.2984
2630	1850	1142	10386956	5225394	4.01	2.018	41.70451	-70.3035
2631	9679	7838	56908227	7192447	21.972	2.777	41.74702	-70.0688
2632	10742	6171	18960855	3780163	7.321	1.46	41.6591	-70.3469
2633	3884	4576	19564858	12631386	7.554	4.877	41.68973	-69.9721
2635	3296	2184	14312729	2809147	5.526	1.085	41.62291	-70.4382
2637	253	149	1811366	77848	0.699	0.03	41.70573	-70.2709
2638	3207	3130	15284718	1503965	5.901	0.581	41.7302	-70.1974
2639	2875	4912	7165342	954134	2.767	0.368	41.6669	-70.1356
2641	532	637	5286447	683671	2.041	0.264	41.75125	-70.1535
2642	4937	5925	35941612	8936074	13.877	3.45	41.84133	-69.9774
2643	26	85	4904568	4657785	1.894	1.798	41.79778	-69.9373
2644	3955	1480	9225733	569789	3.562	0.22	41.68349	-70.5108
2645	9663	6222	43109614	4606194	16.645	1.778	41.70584	-70.0581
2646	1676	2621	7798581	801405	3.011	0.309	41.6706	-70.0714

2647	129	260	1226877	477504	0.474	0.184	41.6314	-70.3084
2648	7301	3188	24027628	2665940	9.277	1.029	41.67095	-70.4154
2649	14006	9887	60208417	10631766	23.247	4.105	41.61724	-70.4893
2650	848	910	3744803	725520	1.446	0.28	41.70181	-69.9638
2651	16	30	181584	0	0.07	0	41.87499	-70.0035
2652	1175	1683	20714250	6477901	7.998	2.501	42.04954	-70.095
2653	5911	5303	31186211	13661465	12.041	5.275	41.76899	-69.9735
2655	3518	3053	16911218	4559311	6.529	1.76	41.63025	-70.3925
2657	2942	4494	25047886	12766243	9.671	4.929	42.05983	-70.2004
2659	1108	1297	5298594	616486	2.046	0.238	41.68144	-70.0235
2660	6261	4551	19964838	1368933	7.708	0.529	41.7077	-70.1586
2663	173	412	3658101	2870102	1.412	1.108	41.89444	-70.0122
2664	9371	7062	17964910	2264152	6.936	0.874	41.67473	-70.1956
2666	828	1390	32944245	4790983	12.72	1.85	41.99078	-70.0457
2667	2580	3902	48249844	16144940	18.629	6.234	41.922	-70.0234
2668	3278	1494	39046863	6347529	15.076	2.451	41.71085	-70.3627
2669	285	550	2314379	510177	0.894	0.197	41.66665	-69.9897
2670	1307	2330	5407196	1680718	2.088	0.649	41.66011	-70.1707
2671	1023	1533	5215276	314663	2.014	0.121	41.67084	-70.1134
2672	180	325	1280228	118006	0.494	0.046	41.63554	-70.3141
2673	8402	6677	25868405	6815867	9.988	2.632	41.65518	-70.2475
2675	6577	4040	23386325	1919492	9.03	0.741	41.70416	-70.2318
2702	4125	1546	43494960	2932678	16.793	1.132	41.78511	-71.059
2703	43593	18019	69448027	2583322	26.814	0.997	41.93165	-71.2945
2713	52	168	13095083	18327989	5.056	7.076	41.4413	-70.9022
2715	3123	1124	29662098	1347569	11.453	0.52	41.81505	-71.1575
2717	4745	1771	45791704	2062920	17.68	0.796	41.76011	-70.9729
2718	6655	2442	26793703	853248	10.345	0.329	41.86249	-71.0117
2719	15873	7475	31947040	8792564	12.335	3.395	41.63244	-70.8711
2720	30287	14347	28154770	4365377	10.871	1.685	41.72634	-71.1207
2721	26290	12538	10598682	5105238	4.092	1.971	41.67513	-71.1483
2723	14767	7198	4136768	569121	1.597	0.22	41.69271	-71.1297
2724	16908	8465	4811066	1475574	1.858	0.57	41.68394	-71.1775
2725	2631	1035	6146870	6823597	2.373	2.635	41.72272	-71.1855
2726	15534	6359	14313447	3521928	5.526	1.36	41.7597	-71.1446
2738	4907	2445	36242423	15438122	13.993	5.961	41.70414	-70.7522
2739	6045	3262	44939290	5666781	17.351	2.188	41.66579	-70.8145
2740	43087	19943	14724476	2119935	5.685	0.819	41.63749	-70.9383
2743	10307	4121	47725420	1356529	18.427	0.524	41.71822	-70.9012
2744	11900	5340	3342654	1345734	1.291	0.52	41.60625	-70.9136
2745	24576	10769	26749138	579370	10.328	0.224	41.70074	-70.9505
2746	15342	6812	5480318	312026	2.116	0.12	41.66169	-70.9412
2747	22927	7014	1.26E+08	3917006	48.804	1.512	41.66701	-71.016
2748	11442	5519	58249951	8143593	22.49	3.144	41.55357	-70.9711
2760	26739	10904	46544694	1334096	17.971	0.515	41.97249	-71.3352
2762	8264	3482	28482636	1350192	10.997	0.521	42.0128	-71.3366
2763	1973	692	2336585	30519	0.902	0.012	41.9667	-71.3082

2764	3988	1476	27437198	149030	10.594	0.058	41.85193	-71.1536
2766	19031	6741	72033187	3886006	27.812	1.5	41.95744	-71.1791
2767	13566	5142	61665066	780810	23.809	0.301	41.941	-71.0485
2769	11608	4280	1.22E+08	1409739	46.938	0.544	41.84696	-71.2445
2770	5093	1833	83306341	6254147	32.165	2.415	41.75985	-70.8384
2771	13708	5292	47566149	644150	18.365	0.249	41.83775	-71.3204
2777	15840	6334	58720360	6717911	22.672	2.594	41.75818	-71.2142
2779	6411	2187	42768262	2366395	16.513	0.914	41.83806	-71.0776
2780	49036	21378	85565377	3569769	33.037	1.378	41.90911	-71.1183
2790	15717	7086	1.39E+08	26270579	53.704	10.143	41.59918	-71.0824
2791	246	277	2728823	12397	1.054	0.005	41.52854	-71.0781
2802	786	450	506432	47952	0.196	0.019	41.95213	-71.4562
2804	2607	1051	26151288	232906	10.097	0.09	41.43393	-71.7703
2806	16310	6386	21277195	18692444	8.215	7.217	41.73475	-71.3197
2807	1051	1808	23521349	8258230	9.082	3.189	41.17684	-71.5771
2808	2401	925	20630324	113236	7.965	0.044	41.40825	-71.7497
2809	22938	9310	25438948	27921606	9.822	10.781	41.67573	-71.2733
2812	1497	559	17189405	212756	6.637	0.082	41.47895	-71.6523
2813	7831	5151	94433000	14161848	36.461	5.468	41.39448	-71.6699
2814	7496	3161	1.16E+08	6229826	44.768	2.405	41.89593	-71.7006
2815	278	107	10805286	247502	4.172	0.096	41.77463	-71.648
2816	32611	13431	98019007	7663056	37.845	2.959	41.69205	-71.6191
2817	6135	2370	1.3E+08	2608393	50.259	1.007	41.6371	-71.6784
2818	18082	8014	56516634	8882294	21.821	3.429	41.64292	-71.4857
2822	6111	2401	1.45E+08	2381582	55.9	0.92	41.57021	-71.627
2825	5377	2041	1.4E+08	2741884	54.043	1.059	41.78207	-71.7268
2826	791	332	6470179	86972	2.498	0.034	41.98275	-71.6531
2827	2172	803	54595176	1039366	21.079	0.401	41.69875	-71.7391
2828	7704	3226	12507949	840009	4.829	0.324	41.88008	-71.5643
2830	5976	2444	50216380	1330588	19.389	0.514	41.97498	-71.6542
2831	3515	1377	24910234	7226844	9.618	2.79	41.77476	-71.6203
2832	4608	1959	57723107	1450412	22.287	0.56	41.51472	-71.7296
2833	784	338	18300606	1279242	7.066	0.494	41.48358	-71.7721
2835	5405	2998	24469397	14503819	9.448	5.6	41.51009	-71.3784
2836	136	47	796196	3724	0.307	0.001	41.45457	-71.6203
2837	3492	2367	53151692	11798979	20.522	4.556	41.51877	-71.1672
2838	3400	1571	3703225	221915	1.43	0.086	41.96525	-71.4764
2839	1902	769	11207815	408538	4.327	0.158	41.94076	-71.6415
2840	23335	13108	18728198	8901093	7.231	3.437	41.47822	-71.3224
2841	1392	4	1208304	2286566	0.467	0.883	41.51186	-71.3322
2842	16095	7579	32873448	7031541	12.693	2.715	41.51861	-71.2817
2852	22551	9796	80008827	8749508	30.892	3.378	41.58855	-71.4598
2857	8412	3413	1.08E+08	10464928	41.745	4.041	41.82276	-71.6336
2858	570	206	1496468	114282	0.578	0.044	41.96538	-71.6534
2859	6738	2675	73465725	3487782	28.365	1.347	41.95907	-71.7573
2860	45199	20722	13980575	790327	5.398	0.305	41.87038	-71.3887
2861	26178	11432	9231018	297809	3.564	0.115	41.8786	-71.3531

2863	19385	7484	3110992	198711	1.201	0.077	41.89006	-71.3935
2864	33396	13714	68323532	4675208	26.38	1.805	41.9676	-71.4205
2865	16951	7090	43228908	1893178	16.691	0.731	41.91315	-71.4483
2871	17171	7840	44091356	16237802	17.024	6.269	41.58726	-71.2613
2872	218	454	15405407	10794746	5.948	4.168	41.59701	-71.3215
2873	235	104	7272847	436515	2.808	0.169	41.53307	-71.7805
2874	5860	2366	39249406	2646651	15.154	1.022	41.50869	-71.4819
2875	307	138	2989259	16732	1.154	0.006	41.45649	-71.6389
2876	430	270	348341	383006	0.134	0.148	41.99428	-71.5855
2878	15780	7446	75250623	8363563	29.054	3.229	41.61014	-71.1805
2879	20371	11222	96809526	13051486	37.378	5.039	41.42401	-71.5343
2881	7841	1177	9361299	36212	3.614	0.014	41.47808	-71.5247
2882	14184	8634	33140275	13112517	12.796	5.063	41.41711	-71.4732
2885	10627	5154	15868796	6702395	6.127	2.588	41.72496	-71.2584
2886	29269	13682	38654310	5649581	14.925	2.181	41.70385	-71.4556
2888	19912	8889	15358671	3137217	5.93	1.211	41.74767	-71.4061
2889	28217	12188	22521492	21182733	8.696	8.179	41.70059	-71.3769
2891	21198	11716	68268331	12480943	26.359	4.819	41.36183	-71.7897
2892	4988	1942	70949427	5028929	27.394	1.942	41.48985	-71.5928
2893	29630	14289	20376824	602104	7.868	0.232	41.67901	-71.5187
2894	722	254	11226698	297592	4.335	0.115	41.44447	-71.7032
2895	41186	19214	20043727	501534	7.739	0.194	42.00171	-71.4999
2896	11537	4798	61303231	2046638	23.669	0.79	41.97519	-71.5441
2898	1696	618	29911041	327061	11.549	0.126	41.51605	-71.6724
2903	10780	5578	4643515	1286186	1.793	0.497	41.81823	-71.4091
2904	29359	14327	13453533	304730	5.194	0.118	41.85833	-71.4363
2905	25223	9539	9707053	4780518	3.748	1.846	41.78473	-71.3961
2906	28387	12949	8394524	1778284	3.241	0.687	41.84017	-71.3904
2907	27445	10187	5700783	319815	2.201	0.123	41.79859	-71.4246
2908	37467	14624	8186047	664	3.161	0	41.83983	-71.4368
2909	43540	16832	8954986	70926	3.458	0.027	41.82152	-71.4539
2910	21000	9042	8913159	466290	3.441	0.18	41.775	-71.4356
2911	15574	6975	6411107	131745	2.475	0.051	41.85489	-71.4728
2912	1370	3	112446	0	0.043	0	41.82559	-71.4022
2914	21963	9766	12653252	1002139	4.885	0.387	41.8143	-71.3662
2915	16897	7895	14329687	6198671	5.533	2.393	41.77285	-71.3548
2916	8139	3763	6617778	1042650	2.555	0.403	41.84265	-71.3524
2917	13762	4689	55253789	2930064	21.334	1.131	41.90577	-71.5233
2919	28790	12447	60827987	2290687	23.486	0.884	41.82744	-71.5199
2920	37547	15260	23780134	587670	9.182	0.227	41.76734	-71.4655
2921	12361	4506	34041167	297436	13.143	0.115	41.76685	-71.5173
3031	11247	4302	89774262	1358119	34.662	0.524	42.87486	-71.6005
3032	4953	1814	65270868	9068245	25.201	3.501	42.99726	-71.3634
3033	4987	1698	51203527	935401	19.77	0.361	42.74999	-71.6758
3034	3970	1512	85421126	969500	32.981	0.374	43.06145	-71.32
3036	4782	1602	67201175	316619	25.947	0.122	42.98466	-71.2552
3037	4219	1725	1.25E+08	3081566	48.238	1.19	43.14127	-71.2482

3038	33269	13415	93204530	2253571	35.986	0.87	42.89276	-71.2768
3042	6341	2698	67243946	561794	25.963	0.217	43.04851	-71.0787
3043	1573	747	81180671	1398162	31.344	0.54	42.997	-71.8178
3044	4263	1565	43792587	722775	16.908	0.279	42.99986	-71.1197
3045	13560	5202	92372713	1581693	35.665	0.611	43.02152	-71.5635
3046	2758	1077	79985967	1237027	30.883	0.478	43.11245	-71.6075
3047	1767	707	68326777	1442249	26.381	0.557	42.93874	-71.8794
3048	3426	1483	76543803	143147	29.554	0.055	42.74234	-71.7621
3049	7688	2931	82266249	1442104	31.763	0.557	42.74963	-71.5854
3051	24480	9215	73397153	2414657	28.339	0.932	42.76051	-71.4095
3052	8258	2909	38671274	906768	14.931	0.35	42.84607	-71.4683
3053	23957	8651	1.06E+08	332718	41.064	0.128	42.86967	-71.3879
3054	25477	9807	84222976	2277135	32.519	0.879	42.85376	-71.521
3055	15086	6284	64379100	148030	24.857	0.057	42.81865	-71.6734
3057	2500	905	43396473	212964	16.755	0.082	42.90889	-71.6942
3060	29357	13009	16928572	918102	6.536	0.354	42.7413	-71.4588
3062	26694	11020	31297883	416897	12.084	0.161	42.72388	-71.4954
3063	16216	7038	20987772	373991	8.103	0.144	42.78215	-71.5179
3064	14227	6101	10687706	976988	4.127	0.377	42.77938	-71.4749
3070	5254	1940	1.11E+08	970953	43.026	0.375	42.98121	-71.6775
3071	5109	1917	84782332	819572	32.735	0.316	42.74626	-71.8744
3076	12897	4598	68298210	1460658	26.37	0.564	42.73099	-71.3371
3077	10155	4263	76176267	2062596	29.412	0.796	43.03804	-71.2051
3079	28776	11810	64026012	2927425	24.721	1.13	42.78828	-71.2217
3082	1615	658	73980829	297790	28.564	0.115	42.90416	-71.7714
3084	1366	542	57575557	558160	22.23	0.216	42.8269	-71.8753
3086	3728	1550	69876208	244914	26.979	0.095	42.83206	-71.7598
3087	13592	5164	69428290	2739253	26.806	1.058	42.81109	-71.3027
3101	3049	2007	2004383	301991	0.774	0.117	42.98903	-71.4661
3102	31096	14412	23122461	878562	8.928	0.339	43.01192	-71.4911
3103	36476	15040	25300566	988353	9.769	0.382	42.95054	-71.4465
3104	32798	14784	21562259	383904	8.325	0.148	43.00955	-71.4398
3106	13374	5155	94315385	2677210	36.415	1.034	43.08258	-71.4469
3109	10314	4213	19074687	2269913	7.365	0.876	42.96373	-71.4004
3110	21203	7634	85023294	751724	32.828	0.29	42.93558	-71.5369
3215	247	1189	1.26E+08	177915	48.476	0.069	43.94262	-71.4478
3216	2159	993	99230223	1779557	38.313	0.687	43.45118	-71.7979
3217	2076	1355	28461302	1379295	10.989	0.533	43.72608	-71.6425
3218	960	395	35920012	921496	13.869	0.356	43.33803	-71.2773
3220	7430	3639	80045126	4825717	30.906	1.863	43.4746	-71.4824
3221	2091	1183	1.19E+08	1795720	45.967	0.693	43.258	-71.9602
3222	5353	4249	1.88E+08	14137587	72.698	5.459	43.64271	-71.7891
3223	3427	2347	1.9E+08	2123904	73.231	0.82	43.85541	-71.6855
3224	2318	978	1.04E+08	1974143	40.199	0.762	43.36249	-71.558
3225	3660	1936	74685885	4295110	28.836	1.658	43.36333	-71.239
3226	1117	811	34888726	8224632	13.471	3.176	43.71067	-71.5155
3227	925	736	1.67E+08	7977531	64.523	3.08	43.84136	-71.4811

3229	5589	2381	1.12E+08	4624061	43.373	1.785	43.20388	-71.6979
3230	1231	725	1.06E+08	932706	40.857	0.36	43.50865	-71.8902
3231	202	124	5691388	520628	2.197	0.201	43.47334	-71.7623
3233	115	87	1404333	4276	0.542	0.002	43.42404	-71.9312
3234	4572	1841	88993924	527552	34.361	0.204	43.20481	-71.3486
3235	8562	3967	76658454	4768742	29.598	1.841	43.44914	-71.6743
3237	2254	1271	94659434	2732843	36.548	1.055	43.42307	-71.3872
3238	75	43	7187877	118847	2.775	0.046	43.98443	-71.9113
3240	1340	839	1.08E+08	2420479	41.679	0.935	43.57669	-71.9625
3241	876	810	1.07E+08	5797562	41.388	2.238	43.7515	-71.8174
3242	4836	1928	1.14E+08	1769141	44.035	0.683	43.16942	-71.8312
3243	1085	509	68293520	696119	26.368	0.269	43.52869	-71.7687
3244	8092	3942	2.13E+08	4945027	82.284	1.909	43.1281	-71.9169
3245	2027	1498	78620240	13869746	30.355	5.355	43.74584	-71.5946
3246	15963	9885	51907118	16893400	20.041	6.523	43.57642	-71.481
3249	7113	5108	1.01E+08	38387399	38.868	14.821	43.52238	-71.3673
3251	1662	2988	3.9E+08	1532570	150.545	0.592	44.10067	-71.4941
3253	6219	4690	1.01E+08	36856111	38.913	14.23	43.63121	-71.4986
3254	4049	4958	1.54E+08	39207496	59.505	15.138	43.71772	-71.3692
3255	2090	1571	95201212	6237765	36.757	2.408	43.31403	-72.0246
3256	2169	1090	97312305	4275969	37.572	1.651	43.62333	-71.6326
3257	4455	2290	59407967	7979377	22.938	3.081	43.41772	-71.9906
3258	2517	961	54171126	256755	20.916	0.099	43.26526	-71.4088
3259	368	291	60600664	252920	23.398	0.098	43.87571	-71.395
3260	809	404	63262340	917134	24.426	0.354	43.34423	-71.9216
3261	4246	2146	72462607	5534024	27.978	2.137	43.21059	-71.216
3262	1231	1269	1.47E+08	1165561	56.938	0.45	43.99989	-71.7144
3263	4114	1772	63058514	704143	24.347	0.272	43.2885	-71.3094
3264	7468	2444	95399381	1930074	36.834	0.745	43.7388	-71.7027
3266	2163	1401	2.65E+08	3989881	102.42	1.541	43.78289	-71.8847
3268	1272	499	79092133	363032	30.538	0.14	43.38853	-71.7699
3269	2966	1612	1.23E+08	5568277	47.606	2.15	43.52419	-71.6016
3273	312	229	15284920	751451	5.902	0.29	43.30198	-71.927
3275	11437	4753	1.12E+08	700586	43.1	0.27	43.15963	-71.4168
3276	8324	3788	1.02E+08	3103411	39.538	1.198	43.43103	-71.576
3278	2952	1432	1.61E+08	879831	62.239	0.34	43.30904	-71.8355
3279	829	569	1.18E+08	1379081	45.692	0.532	43.95277	-71.8781
3280	1123	1093	1.18E+08	5661070	45.446	2.186	43.17813	-72.0871
3281	8785	3466	1.52E+08	2713284	58.837	1.048	43.07806	-71.7036
3282	902	528	1.07E+08	1284848	41.345	0.496	43.85872	-71.9237
3284	999	549	1E+08	2235938	38.72	0.863	43.4705	-72.0276
3285	2479	1822	1.3E+08	1570232	50.174	0.606	43.94787	-71.6358
3287	1295	621	68003168	416004	26.256	0.161	43.44312	-71.9226
3290	4731	1947	1.19E+08	4695074	45.817	1.813	43.12985	-71.1319
3291	39	16	468160	0	0.181	0	43.17913	-71.1426
3293	143	152	4201880	256899	1.622	0.099	43.97062	-71.6799
3301	33008	14455	1.28E+08	7137741	49.52	2.756	43.23227	-71.553

3303	15524	6699	1.75E+08	4498282	67.466	1.737	43.31169	-71.6654
3304	7519	2807	72603163	1013660	28.032	0.391	43.13318	-71.5372
3307	5334	2098	1.29E+08	1782638	49.674	0.688	43.33399	-71.4467
3431	25280	10652	1.54E+08	2010094	59.469	0.776	42.96504	-72.2948
3440	2692	1352	93674070	2149359	36.168	0.83	43.05267	-71.9888
3441	395	170	10142582	14217	3.916	0.005	42.78067	-72.447
3442	1491	685	28827061	671567	11.13	0.259	43.02028	-71.9037
3443	742	319	28777183	288766	11.111	0.111	42.87573	-72.4561
3444	1590	781	72683140	2860379	28.063	1.104	42.88928	-72.0698
3445	691	312	51812080	489879	20.005	0.189	43.02062	-72.2144
3446	6285	2679	1.11E+08	591429	42.754	0.228	42.85827	-72.2964
3447	2422	1260	90690658	3637278	35.016	1.404	42.75387	-72.1532
3448	811	376	50385612	69497	19.454	0.027	43.05262	-72.2745
3449	1654	864	77626641	3234024	29.972	1.249	42.97734	-71.9978
3450	961	695	48126081	4073718	18.582	1.573	42.94832	-72.0686
3451	4077	1843	55458810	5562051	21.413	2.148	42.8093	-72.5048
3452	5457	2547	99227871	4488199	38.312	1.733	42.82925	-72.0599
3455	2086	963	60901897	1181506	23.514	0.456	42.90177	-72.1729
3456	742	408	67201281	1217456	25.947	0.47	43.13854	-72.2088
3457	852	566	59525160	4054109	22.983	1.565	42.99976	-72.1216
3458	6643	3124	1.38E+08	1050414	53.338	0.406	42.86837	-71.9401
3461	6014	2224	96281338	7127892	37.174	2.752	42.75666	-72.0132
3462	1562	929	50616977	3286489	19.543	1.269	42.88922	-72.3889
3464	1109	938	1.29E+08	4990458	49.782	1.927	43.08816	-72.1243
3465	2156	937	45644342	405681	17.623	0.157	42.82879	-72.1889
3466	1332	568	39570237	1626415	15.278	0.628	42.89026	-72.503
3467	1842	666	91718664	2805200	35.413	1.083	42.96808	-72.4309
3470	5033	2230	2.26E+08	1911111	87.342	0.738	42.77134	-72.3547
3561	5939	3075	1.32E+08	10407106	50.961	4.018	44.34335	-71.7951
3570	10051	4973	2.73E+08	3464307	105.56	1.338	44.5046	-71.1555
3574	2526	1517	2.35E+08	915397	90.6	0.353	44.26044	-71.6092
3575	124	387	71957724	56026	27.783	0.022	44.31374	-71.4029
3576	3238	2489	3.68E+08	2543014	142.276	0.982	44.91245	-71.3851
3579	461	1163	1.42E+09	83246219	549.374	32.142	44.96477	-71.0256
3580	1369	1055	2.46E+08	841423	95.166	0.325	44.16338	-71.6933
3581	3230	1709	3.89E+08	3503716	150.362	1.353	44.28978	-71.1521
3582	2577	1439	2.21E+08	4112361	85.23	1.588	44.56205	-71.4414
3583	1107	679	1.3E+08	855647	50.342	0.33	44.39674	-71.4647
3584	3774	1814	1.53E+08	2524937	59.018	0.975	44.48385	-71.5459
3585	2519	1385	2.1E+08	2193646	80.89	0.847	44.22242	-71.8772
3586	547	429	43098998	473829	16.641	0.183	44.21841	-71.8002
3588	1641	1106	3.69E+08	5483001	142.549	2.117	44.62304	-71.2118
3590	1052	749	2.73E+08	1803050	105.3	0.696	44.75093	-71.4767
3592	1145	2182	8.52E+08	31019764	329.136	11.977	45.11627	-71.261
3593	313	314	2.42E+08	75654	93.385	0.029	44.30217	-71.2992
3595	639	507	95162380	6315	36.742	0.002	44.30532	-71.4973
3597	521	309	1.38E+08	1966476	53.419	0.759	44.74451	-71.3825

3598	3285	1916	1.6E+08	2577297	61.704	0.995	44.3789	-71.6287
3601	477	289	49731702	313496	19.202	0.121	43.23697	-72.2884
3602	2654	1311	1.5E+08	1680222	58.009	0.649	43.14083	-72.3476
3603	5412	2415	1.1E+08	5817280	42.618	2.246	43.24663	-72.3839
3604	69	28	1262647	25256	0.488	0.01	43.12733	-72.3769
3605	1160	682	83840974	1107124	32.371	0.427	43.23656	-72.1849
3607	322	180	40320559	13	15.568	0	43.19651	-72.2684
3608	2811	1287	87538488	3027468	33.799	1.169	43.07651	-72.3959
3609	854	400	2310753	897631	0.892	0.347	43.14393	-72.4464
3740	911	482	88787537	1097491	34.281	0.424	44.18432	-71.9788
3741	4208	2090	1.99E+08	4732706	76.875	1.827	43.67494	-72.0088
3743	14103	6529	1.58E+08	2586452	61.17	0.999	43.36073	-72.3269
3745	1424	646	90516133	1869203	34.948	0.722	43.47646	-72.3342
3746	216	101	18540035	0	7.158	0	43.49438	-72.2572
3748	4762	2595	1.11E+08	6690073	42.957	2.583	43.58903	-72.1319
3750	870	365	32448349	339221	12.528	0.131	43.70819	-72.195
3751	583	352	7930840	497453	3.062	0.192	43.44975	-72.0923
3752	810	444	58230518	238931	22.483	0.092	43.2723	-72.1005
3753	2971	1760	70231641	2287193	27.117	0.883	43.51659	-72.1491
3754	86	49	99446	0	0.038	0	43.37746	-72.1384
3755	10538	3152	93501096	2945461	36.101	1.137	43.74098	-72.1391
3765	503	249	11391216	375406	4.398	0.145	44.03523	-72.0502
3766	8958	4525	82290818	1321571	31.773	0.51	43.6333	-72.2357
3768	1716	810	1.39E+08	2297796	53.836	0.887	43.81637	-72.094
3770	524	185	12816430	497	4.948	0	43.5313	-72.2588
3771	754	355	57036410	3861788	22.022	1.491	44.29666	-71.9806
3773	7841	3689	2.39E+08	3128331	92.318	1.208	43.37055	-72.1975
3774	1966	860	67092535	2098232	25.905	0.81	44.09975	-71.9855
3777	1237	654	1.17E+08	3364793	45.296	1.299	43.88618	-72.0611
3779	790	476	1.03E+08	3811670	39.809	1.472	43.96159	-72.0014
3780	410	211	42118686	186983	16.262	0.072	44.04685	-71.989
3781	1840	799	1.22E+08	1937605	47.221	0.748	43.56006	-72.2994
3782	2945	2151	54686367	10134998	21.115	3.913	43.39009	-72.0931
3784	4086	2080	21711602	1965851	8.383	0.759	43.63817	-72.3064
3785	2400	1360	1.55E+08	2080339	59.73	0.803	44.04352	-71.9122
3801	21532	10947	61709181	14193990	23.826	5.48	43.07481	-70.8054
3809	3716	2026	1.04E+08	2623883	40.317	1.013	43.45785	-71.1991
3810	1538	2263	59859217	47509608	23.112	18.344	43.51365	-71.2939
3811	6753	2788	28852738	412792	11.14	0.159	42.83922	-71.1663
3812	824	1388	1.56E+08	655484	60.37	0.253	44.08113	-71.2972
3813	3250	2023	2.49E+08	5474229	96.154	2.114	44.12739	-71.0609
3814	2329	1942	81982158	11288586	31.653	4.359	43.77094	-71.1815
3816	1368	1069	75187121	14634126	29.03	5.65	43.68651	-71.269
3817	574	467	25632724	1324537	9.897	0.511	43.88717	-71.2294
3818	3807	2378	2.2E+08	2485032	84.928	0.959	43.95953	-71.2753
3819	4377	1681	30342924	470661	11.715	0.182	42.92791	-71.1202
3820	30039	13705	71925604	6505211	27.771	2.512	43.19067	-70.8877

3823	1719	633	27454805	948967	10.6	0.366	43.17461	-70.9415
3824	14638	3092	57959560	6236900	22.378	2.408	43.11735	-70.9184
3825	8512	3635	1.2E+08	4790456	46.193	1.85	43.21557	-71.039
3826	2470	1116	7366669	5519	2.844	0.002	42.89	-71.1307
3827	3150	1403	46024515	514243	17.77	0.199	42.90374	-70.9956
3830	1610	1735	33330566	5212010	12.869	2.012	43.61356	-70.9945
3832	395	294	64559964	3496268	24.927	1.35	43.90696	-71.0475
3833	20955	8668	1.26E+08	1583726	48.538	0.611	42.97842	-70.9875
3835	6786	2832	96394821	824183	37.218	0.318	43.37256	-71.0833
3836	1489	1580	90610392	8121798	34.985	3.136	43.84206	-71.0751
3837	1519	839	52207029	1698332	20.157	0.656	43.42225	-71.3361
3838	1031	1652	59534640	548608	22.986	0.212	44.11234	-71.2254
3839	3735	1603	21940837	36123	8.471	0.014	43.26299	-70.9912
3840	3566	1448	27002945	7437716	10.426	2.872	43.03973	-70.8456
3841	6334	2683	27979295	1712894	10.803	0.661	42.88145	-71.183
3842	15345	9803	32995704	2596648	12.74	1.003	42.9396	-70.8367
3844	2238	902	31896799	881127	12.315	0.34	42.92481	-70.8862
3845	991	1148	34253090	180841	13.225	0.07	44.09542	-71.1205
3846	799	992	1.68E+08	99914	65.012	0.039	44.18747	-71.1558
3847	294	245	2205977	3207	0.852	0.001	44.07188	-71.124
3848	6020	2477	50885764	3184188	19.647	1.229	42.91373	-71.0736
3849	1585	1197	64729028	1518472	24.992	0.586	43.90246	-71.1299
3850	372	367	7820672	2049267	3.02	0.791	43.69064	-71.2976
3851	4040	1937	68325085	1591553	26.38	0.615	43.43725	-71.0254
3852	558	244	17444288	1591653	6.735	0.615	43.49501	-70.986
3853	602	976	20518787	6696234	7.922	2.585	43.64213	-71.2833
3854	968	537	2137294	3760000	0.825	1.452	43.06028	-70.7189
3855	2638	1523	1.08E+08	6832346	41.512	2.638	43.46367	-71.1522
3856	1680	591	18376886	418204	7.095	0.161	43.03851	-70.968
3857	9006	4164	32630963	4198520	12.599	1.621	43.07142	-70.9514
3858	4603	1751	25661608	393396	9.908	0.152	42.87037	-71.0459
3860	4056	3259	52244890	819595	20.172	0.316	44.04024	-71.121
3861	4330	1765	51681417	540235	19.954	0.209	43.11854	-71.0065
3862	4278	1909	35952959	119783	13.882	0.046	42.97832	-70.8301
3864	1696	918	89456174	1019428	34.539	0.394	43.68831	-71.1004
3865	7609	3018	27551140	27129	10.638	0.01	42.8407	-71.095
3867	20758	9464	77390106	875900	29.88	0.338	43.30353	-70.9882
3868	5323	2331	19557049	20455	7.551	0.008	43.32424	-70.9402
3869	2469	1072	18362386	767191	7.09	0.296	43.21985	-70.8431
3870	5162	2790	31593114	1907076	12.198	0.736	43.00865	-70.7583
3871	136	62	1079210	10611	0.417	0.004	42.98095	-70.7774
3872	3809	2274	1.23E+08	8617269	47.302	3.327	43.57056	-71.0432
3873	5711	2119	34470970	1261550	13.309	0.487	42.93402	-71.1836
3874	8776	4660	23141129	1846188	8.935	0.713	42.88312	-70.8608
3875	833	629	36301459	4511306	14.016	1.742	43.89508	-71.1893
3878	11824	5226	25883310	509147	9.994	0.197	43.25348	-70.8879
3882	1465	963	99512206	3051804	38.422	1.178	43.74673	-71.0419

3883	178	123	32951937	286027	12.723	0.11	43.80854	-71.3203
3884	3964	1772	1.25E+08	5755130	48.447	2.222	43.2756	-71.169
3885	7261	2864	39183503	944265	15.129	0.365	43.015	-70.9026
3886	2112	1400	98750503	1056816	38.128	0.408	43.86404	-71.2961
3887	2154	1012	52342290	1905109	20.209	0.736	43.49964	-71.0681
3890	327	200	11857668	153593	4.578	0.059	43.8006	-71.2015
3894	6314	4466	1.27E+08	27401966	48.849	10.58	43.60377	-71.1771
3901	7246	2935	97503017	875282	37.646	0.338	43.29933	-70.8421
3902	2211	1288	50748339	1991699	19.594	0.769	43.21492	-70.6288
3903	6211	2671	51264299	3999811	19.793	1.544	43.14655	-70.7744
3904	7703	3924	29002836	3697625	11.198	1.428	43.10805	-70.7286
3905	1780	1016	17021886	4634935	6.572	1.79	43.08619	-70.6868
3906	4647	1951	99067581	367786	38.25	0.142	43.35111	-70.7787
3907	894	2033	10588098	1378363	4.088	0.532	43.25586	-70.6113
3908	7233	2916	83310941	1313644	32.167	0.507	43.23049	-70.7524
3909	9738	6475	89042009	10663113	34.379	4.117	43.16646	-70.679
3910	328	577	880516	153277	0.34	0.059	43.18531	-70.6035
3911	250	285	900654	2593690	0.348	1.001	43.14222	-70.6264
4001	2429	2182	93144479	8684962	35.963	3.353	43.51984	-70.9237
4002	7351	3411	1.71E+08	5603053	66.008	2.163	43.48907	-70.6619
4003	330	524	2984238	51865836	1.152	20.026	43.72726	-69.9569
4005	23146	10687	1.24E+08	14460893	47.9	5.583	43.49213	-70.4854
4006	96	130	194734	0	0.075	0	43.44429	-70.3446
4008	2723	1195	92331539	16342864	35.649	6.31	44.03424	-69.867
4009	5151	4025	1.47E+08	25387866	56.632	9.802	44.04624	-70.7284
4010	1597	973	1.15E+08	2547322	44.469	0.984	43.9308	-70.9186
4011	20278	9599	1.21E+08	19695964	46.727	7.605	43.89643	-69.9734
4015	3808	2942	82235850	6181761	31.751	2.387	43.97629	-70.5211
4017	341	525	9210888	41609162	3.556	16.065	43.73896	-70.0884
4019	71	155	1864047	13363968	0.72	5.16	43.68622	-70.1028
4020	1403	692	57434668	506347	22.176	0.196	43.76719	-70.8089
4021	5820	2220	53424042	67211	20.627	0.026	43.79229	-70.2665
4022	1148	1075	1.19E+08	9871553	46.123	3.811	43.99463	-70.8145
4024	608	305	41039400	482511	15.845	0.186	43.83632	-70.6852
4027	6031	2540	1.42E+08	2137322	55.002	0.825	43.39991	-70.9128
4029	1725	1474	85120344	5228264	32.865	2.019	43.90253	-70.6896
4030	2208	1214	43066152	2383067	16.628	0.92	43.58906	-70.6963
4032	7879	3690	89883376	30472003	34.704	11.765	43.8435	-70.0917
4037	3834	2076	2.14E+08	19902731	82.482	7.684	44.09436	-70.9466
4038	16381	5972	1.31E+08	1725384	50.616	0.666	43.70362	-70.4638
4039	7422	3525	1.05E+08	2456725	40.639	0.949	43.90455	-70.367
4040	3111	2089	1.6E+08	5635582	61.605	2.176	44.14345	-70.8202
4041	1613	902	96909853	3415730	37.417	1.319	43.84891	-70.8316
4042	4281	1801	82913900	2542498	32.013	0.982	43.63102	-70.6144
4043	10810	5912	91372431	2401027	35.279	0.927	43.39328	-70.577
4046	7496	4589	1.15E+08	7957381	44.391	3.072	43.42948	-70.4741
4047	1892	1168	1.51E+08	2651691	58.241	1.024	43.73279	-70.8992

4048	2946	1587	72995461	2964413	28.184	1.145	43.68848	-70.7819
4049	3659	1597	1.06E+08	3434900	40.874	1.326	43.745	-70.703
4050	230	381	3688589	33604355	1.424	12.975	43.68594	-70.1539
4051	1153	1233	1.13E+08	12293476	43.652	4.747	44.19247	-70.8858
4055	3793	2970	80559314	14052069	31.104	5.426	43.97577	-70.6393
4056	257	150	14607111	413619	5.64	0.16	43.65981	-70.8775
4057	56	23	142740	0	0.055	0	44.10155	-70.6989
4061	3369	1419	50924941	1806758	19.662	0.698	43.6355	-70.7418
4062	17020	7171	1.22E+08	7185722	46.973	2.774	43.79469	-70.4053
4063	412	647	1735833	6356	0.67	0.002	43.49915	-70.3942
4064	8212	6239	17519294	1802982	6.764	0.696	43.52504	-70.3883
4066	539	534	4666654	6047666	1.802	2.335	43.76915	-69.9654
4068	1505	819	81917280	3541182	31.628	1.367	43.83884	-70.947
4069	1465	610	59192594	38368	22.854	0.015	43.90391	-70.182
4071	4801	3669	96085048	16773660	37.099	6.476	43.92805	-70.4502
4072	18482	8508	99620114	7750030	38.464	2.992	43.55041	-70.4663
4073	16189	7397	96846448	2070322	37.393	0.799	43.41864	-70.7478
4074	18760	8514	1.23E+08	12983595	47.568	5.013	43.58963	-70.3662
4076	2683	2047	1E+08	6320470	38.767	2.44	43.55402	-70.8328
4079	3871	3150	54992768	96593799	21.233	37.295	43.79059	-69.9715
4083	4525	2028	25875459	447755	9.991	0.173	43.46412	-70.8144
4084	8088	3767	1.21E+08	4925934	46.902	1.902	43.76215	-70.5667
4085	1786	658	31237424	793432	12.061	0.306	43.77332	-70.6165
4086	8787	4170	83400642	8790297	32.201	3.394	43.96498	-69.9556
4087	2116	941	49308319	551957	19.038	0.213	43.56993	-70.744
4088	1516	1041	1.25E+08	6484470	48.173	2.504	44.20283	-70.7224
4090	9589	8557	1.49E+08	2842726	57.652	1.098	43.33143	-70.6456
4091	911	385	50145966	1681378	19.361	0.649	43.83935	-70.7442
4092	17515	8001	44387577	543689	17.138	0.21	43.70795	-70.3526
4093	8034	3301	1.05E+08	1834561	40.524	0.708	43.63639	-70.5388
4095	1274	958	75210679	2639019	29.039	1.019	43.62891	-70.9068
4096	8349	3819	34582021	24846646	13.352	9.593	43.78782	-70.1594
4097	3574	1357	54977244	501695	21.227	0.194	43.851	-70.2341
4101	17227	9950	5134232	2392131	1.982	0.924	43.66261	-70.2579
4102	17335	8387	15318671	1536163	5.915	0.593	43.65798	-70.3043
4103	30606	14053	26438888	2107307	10.208	0.814	43.69413	-70.2881
4105	11158	4732	75875677	17986607	29.296	6.945	43.74048	-70.2772
4106	25175	11594	31630418	5251099	12.213	2.027	43.6314	-70.286
4107	8980	3944	37541117	16605863	14.495	6.412	43.58717	-70.2365
4108	862	983	3084815	1703927	1.191	0.658	43.66026	-70.1861
4109	93	308	3341947	28380971	1.29	10.958	43.63753	-70.1714
4110	1391	682	5825410	8661080	2.249	3.344	43.74603	-70.1801
4210	23045	11013	1.54E+08	16596031	59.283	6.408	44.08454	-70.2496
4216	640	527	3.54E+08	13219020	136.848	5.104	44.70861	-70.8554
4217	3312	2434	4.73E+08	7346327	182.764	2.836	44.3801	-70.8152
4219	1472	1079	1.59E+08	3061725	61.382	1.182	44.40076	-70.5581
4220	3077	1532	2.03E+08	2496201	78.405	0.964	44.34373	-70.3517

4221	1098	551	83090441	4838660	32.081	1.868	44.46233	-70.3006
4222	3848	1548	99145260	1976266	38.28	0.763	43.9646	-70.1266
4224	3040	1495	1.92E+08	1410874	74.259	0.545	44.55995	-70.4157
4226	190	128	27924372	61403	10.782	0.024	44.59787	-70.6769
4227	79	36	1465452	0	0.566	0	44.56812	-70.2931
4228	6	9	177187	42856	0.068	0.017	44.43349	-70.1153
4231	236	339	88236368	2335031	34.068	0.902	44.26304	-70.8755
4234	168	66	848752	0	0.328	0	44.62383	-70.1919
4236	4350	1880	83594263	7536935	32.276	2.91	44.18975	-70.1451
4237	238	235	18226000	1333151	7.037	0.515	44.49459	-70.7347
4238	1416	483	58034589	342225	22.407	0.132	44.20926	-70.3889
4239	4851	2252	1.25E+08	2130894	48.375	0.823	44.5169	-70.2022
4240	36592	16731	88439163	3595457	34.147	1.388	44.08959	-70.1722
4250	4228	1850	30886554	2076551	11.925	0.802	44.01052	-70.1275
4252	4799	2103	28235082	525139	10.902	0.203	44.03669	-70.0588
4253	2095	1127	97435647	4596113	37.62	1.775	44.40413	-70.2156
4254	3181	1525	50797160	1873832	19.613	0.723	44.445	-70.1377
4255	802	798	97986667	3648404	37.833	1.409	44.34476	-70.6698
4256	3064	1310	29156999	419430	11.258	0.162	44.1049	-70.4047
4257	2681	1404	60451775	603890	23.341	0.233	44.55336	-70.4958
4258	2617	1059	76719052	480036	29.621	0.185	44.13794	-70.3363
4259	3264	1636	76106090	12751335	29.385	4.923	44.23351	-70.0147
4260	5542	2295	1.22E+08	1765881	47.123	0.682	43.95751	-70.296
4261	444	1557	5.42E+08	3729313	209.233	1.44	44.50337	-70.9615
4263	2326	1018	1.04E+08	8701812	40.052	3.36	44.29535	-70.1331
4265	918	497	18292885	2450666	7.063	0.946	44.27926	-70.0428
4267	37	48	5373655	460041	2.075	0.178	44.20659	-70.7924
4268	5023	2808	1.18E+08	5932315	45.633	2.29	44.22587	-70.61
4270	5880	3339	2.04E+08	19357887	78.641	7.474	44.11734	-70.5275
4271	67	43	467501	0	0.181	0	44.26361	-70.4982
4274	5343	2668	1.09E+08	12834996	41.97	4.956	44.04811	-70.3936
4275	514	653	2.45E+08	5094900	94.723	1.967	44.70219	-70.6464
4276	5841	3287	1.78E+08	3365395	68.545	1.299	44.55995	-70.6253
4280	6474	2768	1.08E+08	5384515	41.656	2.079	44.11986	-70.0594
4281	5116	2376	1.05E+08	513090	40.593	0.198	44.248	-70.4908
4282	5734	2481	1.53E+08	8970709	59.256	3.464	44.26511	-70.248
4284	1138	755	43808086	14898437	16.914	5.752	44.3625	-70.0612
4285	433	649	1.67E+08	8818418	64.624	3.405	44.69751	-70.449
4286	47	22	145209	0	0.056	0	44.40144	-70.8651
4287	3224	1283	1.15E+08	305443	44.433	0.118	44.0654	-69.975
4289	1815	815	62822854	412979	24.256	0.159	44.31928	-70.5226
4290	1541	909	1.21E+08	2392221	46.677	0.924	44.47372	-70.4302
4292	948	568	1.15E+08	1547688	44.309	0.598	44.38591	-70.4496
4294	3995	1993	1.49E+08	4046798	57.644	1.562	44.63791	-70.2754
4330	26086	12740	3.03E+08	17174224	117.085	6.631	44.35188	-69.7476
4342	1672	819	78871354	7150752	30.452	2.761	44.08608	-69.737
4343	25	30	1315314	0	0.508	0	44.32879	-69.8914

4344	2951	1367	29085600	793073	11.23	0.306	44.26055	-69.8278
4345	11646	5421	1.87E+08	11072766	72.07	4.275	44.19506	-69.7939
4346	1772	900	5516107	262892	2.13	0.102	44.23661	-69.7514
4347	2355	1317	15209805	554970	5.873	0.214	44.28724	-69.818
4348	2976	1869	1.95E+08	17845778	75.239	6.89	44.21086	-69.4992
4349	1158	836	76240916	8059652	29.437	3.112	44.43401	-70.067
4350	3577	1827	96193173	5551259	37.14	2.143	44.17214	-69.9345
4351	2571	1240	55080335	3101352	21.267	1.197	44.34254	-69.8623
4352	1632	1093	97731016	12294827	37.734	4.747	44.46649	-69.9605
4353	2300	1055	1.21E+08	1787861	46.816	0.69	44.19805	-69.6196
4354	1535	975	1.05E+08	7796242	40.559	3.01	44.39611	-69.4306
4355	2600	1303	75792547	4644338	29.264	1.793	44.38157	-69.9457
4357	3399	1623	78723549	2988503	30.395	1.154	44.11683	-69.8296
4358	4276	2290	1.29E+08	18072446	49.772	6.978	44.41447	-69.5353
4359	388	177	1860714	1096467	0.718	0.423	44.17779	-69.7626
4360	560	409	62665007	3122513	24.195	1.206	44.55484	-69.9996
4363	2575	1152	89742067	2261885	34.65	0.873	44.31667	-69.573
4364	6025	3230	79037654	16669664	30.517	6.436	44.30999	-69.9631
4401	44899	20739	2.6E+08	16299291	100.231	6.293	44.84852	-68.8504
4406	819	739	2.34E+08	6218652	90.167	2.401	45.2293	-69.5969
4408	176	379	3.06E+08	34507145	118.333	13.323	44.89316	-68.3028
4410	1290	583	1.07E+08	0	41.184	0	45.08826	-68.9067
4411	1492	713	1.1E+08	2937432	42.571	1.134	44.86906	-68.5805
4412	9482	4457	39455711	1168417	15.234	0.451	44.78469	-68.7351
4413	196	203	1.33E+08	35302687	51.379	13.63	45.56142	-67.7646
4414	1248	1224	6.37E+08	25490616	246.007	9.842	45.44286	-69.1146
4415	276	149	4097989	113125	1.582	0.044	45.40038	-69.0579
4416	5468	2843	1.5E+08	19468824	57.781	7.517	44.6238	-68.7497
4417	370	445	1.62E+08	7297540	62.445	2.818	45.23151	-68.3419
4418	1771	961	3.82E+08	1071485	147.372	0.414	45.08842	-68.4614
4419	2794	1182	94612249	946574	36.53	0.365	44.80045	-69.0031
4421	1366	704	20149824	31684544	7.78	12.233	44.40967	-68.8142
4422	1409	546	1.05E+08	33017	40.553	0.013	45.07765	-69.0314
4424	823	962	2.72E+08	42812276	105.193	16.53	45.68031	-67.8762
4426	4720	3070	4E+08	23412773	154.47	9.04	45.21306	-69.1891
4427	2858	1223	1.04E+08	0	40.196	0	44.98054	-69.0109
4428	3146	1505	1.54E+08	7568185	59.519	2.922	44.80578	-68.554
4429	4717	2717	1.83E+08	16172556	70.543	6.244	44.72061	-68.6162
4430	1728	875	23379537	2459400	9.027	0.95	45.63684	-68.5752
4431	81	65	809372	310731	0.313	0.12	44.55758	-68.6688
4434	1246	559	64253326	414393	24.808	0.16	44.78563	-69.1329
4435	1092	491	99875579	63697	38.562	0.025	44.96322	-69.125
4438	1124	537	63737496	3359797	24.609	1.297	44.59895	-68.9283
4441	1840	2662	1.51E+09	66124522	581.388	25.531	45.70242	-69.6232
4442	93	281	1.94E+08	7758796	74.896	2.996	45.49783	-69.7273
4443	2537	1853	3.56E+08	22465491	137.384	8.674	45.22805	-69.3535
4444	8824	3694	1.79E+08	2394965	69.045	0.925	44.72898	-68.95

4448	1431	862	2.86E+08	10200676	110.417	3.939	45.2962	-68.7111
4449	1489	725	96617667	5707899	37.304	2.204	44.99264	-68.8885
4450	1368	610	43582796	0	16.827	0	44.91605	-68.928
4451	259	220	1.94E+08	3054444	74.926	1.179	45.60701	-68.2222
4453	779	420	1.75E+08	726694	67.618	0.281	45.16225	-68.7605
4454	69	78	1.28E+08	9481266	49.441	3.661	45.55212	-67.5611
4455	923	565	2.18E+08	5987298	84.165	2.312	45.29949	-68.2598
4456	2851	1146	77850598	28583	30.058	0.011	44.87687	-68.9967
4457	5948	3308	4.27E+08	17668608	164.85	6.822	45.41343	-68.4799
4459	773	517	2.09E+08	7268294	80.571	2.806	45.58874	-68.34
4460	1419	726	2.77E+08	12080308	106.954	4.664	45.7114	-68.54
4461	3070	1391	1.14E+08	430978	44.123	0.166	44.95479	-68.5824
4462	4835	3859	3.03E+09	2.66E+08	1170.715	102.799	45.97277	-69.0124
4463	2847	1939	3.8E+08	29183293	146.619	11.268	45.28233	-68.9025
4464	684	646	5.18E+08	21962061	200.049	8.48	45.41704	-69.2764
4468	9521	4487	3.09E+08	7834273	119.284	3.025	45.02343	-68.7334
4469	2702	2	625565	0	0.242	0	44.90106	-68.6683
4471	609	591	2.49E+08	5556495	96.013	2.145	45.90829	-67.8614
4472	2144	1405	1.21E+08	14143834	46.701	5.461	44.5761	-68.6701
4473	7660	3087	46480286	3645072	17.946	1.407	44.88168	-68.7386
4474	3733	1612	64726304	6067965	24.991	2.343	44.70696	-68.7703
4475	418	233	62703160	456050	24.21	0.176	45.18359	-68.5896
4476	1259	880	1.03E+08	17925047	39.877	6.921	44.4827	-68.706
4478	316	1004	1.03E+09	73858545	396.642	28.517	45.86523	-69.8157
4479	1343	895	99560523	3521221	38.441	1.36	45.14118	-69.3218
4481	559	378	80216894	2427977	30.972	0.937	45.24598	-69.0928
4485	233	245	1.15E+08	1507437	44.561	0.582	45.35846	-69.6244
4487	964	1130	5.69E+08	38700044	219.78	14.942	45.38774	-68.1045
4488	1202	621	90623378	4290010	34.99	1.656	44.87543	-69.1047
4489	197	79	519680	0	0.201	0	44.91038	-68.6902
4490	273	246	6.84E+08	38132771	263.992	14.723	45.43664	-67.8676
4491	140	145	33522195	5855512	12.943	2.261	45.57269	-67.4734
4492	166	127	1.2E+08	455560	46.502	0.176	45.36705	-67.6813
4493	1967	1253	1.73E+08	19736841	66.772	7.62	45.23682	-68.5246
4495	407	210	1.13E+08	352009	43.698	0.136	45.45412	-68.3338
4496	3757	1645	92007098	3970578	35.524	1.533	44.65038	-68.9089
4497	389	424	6.22E+08	8998406	240.301	3.474	45.75461	-68.0609
4530	10818	5807	74492111	26592383	28.762	10.267	43.88824	-69.8267
4535	709	346	54134939	1097290	20.902	0.424	44.09847	-69.6292
4537	2073	1309	43411224	27831980	16.761	10.746	43.87552	-69.6184
4538	2080	1960	12631730	5120392	4.877	1.977	43.85151	-69.6276
4539	1168	663	42311034	1996193	16.336	0.771	43.97497	-69.5008
4541	80	160	4764198	953600	1.839	0.368	43.89424	-69.4769
4543	2218	1359	32162775	5941549	12.418	2.294	44.02287	-69.4976
4544	724	943	8334256	3643948	3.218	1.407	43.84456	-69.5825
4547	1152	896	36528521	23483713	14.104	9.067	43.97986	-69.335
4548	1042	1044	48130048	25903698	18.583	10.001	43.83345	-69.7386

4551	806	651	42644648	29485815	16.465	11.385	43.97571	-69.4307
4553	1752	992	75243635	9109512	29.052	3.517	44.05228	-69.5675
4554	710	1008	11081429	4133021	4.279	1.596	43.86497	-69.5123
4555	1643	1111	49052624	10826148	18.939	4.18	44.1012	-69.4828
4556	1249	755	46808031	7015197	18.073	2.709	43.97225	-69.6235
4558	308	298	10703522	3279335	4.133	1.266	43.88513	-69.5145
4562	2216	1748	74026850	42198054	28.582	16.293	43.77082	-69.8192
4563	1534	926	49817691	16197831	19.235	6.254	44.01392	-69.2587
4564	489	488	22480844	8080099	8.68	3.12	43.93185	-69.4575
4568	391	777	12851366	16354519	4.962	6.315	43.878	-69.5585
4570	2	112	706084	0	0.273	0	43.80855	-69.6308
4571	323	257	5484033	4087108	2.117	1.578	43.89666	-69.6742
4572	5075	2651	1.85E+08	19073718	71.498	7.364	44.12208	-69.3834
4573	501	299	21089125	4019303	8.143	1.552	43.95136	-69.5523
4574	1510	787	98165483	2991782	37.902	1.155	44.26064	-69.3915
4575	85	180	1702715	3989692	0.657	1.54	43.85201	-69.6627
4576	604	939	13224487	9166754	5.106	3.539	43.81335	-69.6629
4578	4450	2317	86613031	21901703	33.441	8.456	43.98245	-69.6928
4579	3072	1412	90842229	16838664	35.074	6.501	43.95966	-69.7694
4605	12974	8009	7.37E+08	1.24E+08	284.5	47.979	44.67281	-68.3918
4606	1272	812	1.1E+08	96716846	42.628	37.343	44.54073	-67.7124
4607	1182	808	1.29E+08	58286369	49.917	22.504	44.46731	-68.0878
4609	5222	3482	1.09E+08	50489510	42.238	19.494	44.39747	-68.2638
4611	508	361	14547137	56734130	5.617	21.905	44.46696	-67.6126
4612	589	476	14215197	26686385	5.489	10.304	44.23153	-68.4145
4613	183	126	4839979	6427853	1.869	2.482	44.37193	-68.0273
4614	2579	1849	1.56E+08	62365193	60.209	24.079	44.40218	-68.5693
4616	824	874	46423725	60238244	17.924	23.258	44.26132	-68.5404
4617	811	757	65923853	51226964	25.453	19.779	44.35163	-68.761
4619	3121	1736	88890838	14981780	34.321	5.784	45.15033	-67.2392
4622	1412	1441	6.66E+08	19082055	257.253	7.368	44.75066	-67.967
4623	1054	789	3.53E+08	3957705	136.12	1.528	44.74447	-67.7337
4624	184	294	14783426	18125286	5.708	6.998	44.42395	-67.9859
4625	47	198	5470241	11644253	2.112	4.496	44.25979	-68.2617
4626	507	372	1.22E+08	67801120	46.952	26.178	44.66557	-67.2194
4627	1636	1480	55573442	61722725	21.457	23.831	44.23701	-68.6078
4628	703	425	2.25E+08	13102841	86.887	5.059	44.87311	-67.2811
4629	107	87	5875673	15685	2.269	0.006	44.42189	-68.5066
4630	1398	910	2.27E+08	39937094	87.461	15.42	44.85507	-67.4779
4631	1331	1083	9455354	22820209	3.651	8.811	44.91096	-67.0089
4634	1923	1591	2.74E+08	30527371	105.754	11.787	44.6509	-68.222
4635	61	76	11499122	44988316	4.44	17.37	44.17223	-68.3515
4637	136	343	2.32E+08	85137745	89.614	32.872	45.19625	-67.816
4640	2261	1373	71738212	22872841	27.698	8.831	44.52418	-68.2859
4642	123	176	14644637	546827	5.654	0.211	44.33058	-68.8099
4643	1018	682	55170397	57114113	21.301	22.052	44.53803	-67.8185
4644	13	13	12857	0	0.005	0	44.41384	-68.2521

4645	73	172	32428332	73218072	12.521	28.27	44.06466	-68.621
4646	94	177	2729276	28426395	1.054	10.975	44.24557	-68.225
4648	580	331	88926350	4621796	34.335	1.784	44.66543	-67.5963
4649	1370	939	73851413	1.19E+08	28.514	45.892	44.54711	-67.4898
4650	235	306	9957379	5961547	3.845	2.302	44.28764	-68.7138
4652	1690	1386	1.59E+08	87149686	61.283	33.649	44.81971	-67.0623
4653	490	416	7421786	13596050	2.866	5.249	44.20947	-68.3346
4654	3424	2029	2.59E+08	35004076	100.033	13.515	44.75715	-67.5399
4655	1119	611	55450384	76475831	21.41	29.527	44.65301	-67.3776
4657	363	466	2.61E+08	23970063	100.782	9.255	44.97031	-67.4158
4658	1353	1009	62794535	48232198	24.245	18.623	44.50791	-67.878
4660	1309	1265	74702148	41381858	28.843	15.978	44.33828	-68.3461
4662	488	654	7011056	2237846	2.707	0.864	44.30096	-68.2925
4664	1238	830	92870788	17410024	35.858	6.722	44.54334	-68.1274
4666	1172	787	1.63E+08	27611906	62.998	10.661	44.98058	-67.2237
4667	1638	838	77278833	34163743	29.838	13.191	44.98532	-67.1036
4668	1680	946	2.52E+08	42848978	97.27	16.544	45.21293	-67.586
4669	204	213	7068086	4630049	2.729	1.788	44.40868	-68.0156
4671	576	355	73004904	14362679	28.187	5.545	45.06738	-67.1522
4673	112	110	7803253	671480	3.013	0.259	44.31435	-68.6791
4674	484	368	21958828	48531722	8.478	18.738	44.27425	-68.4588
4675	253	363	13264084	2804948	5.121	1.083	44.30135	-68.2511
4676	1088	694	62191052	9896360	24.012	3.821	44.34688	-68.6344
4677	274	314	10345152	26203295	3.994	10.117	44.47682	-68.1815
4679	1767	1489	35542884	15018369	13.723	5.799	44.27301	-68.3252
4680	1131	873	1.11E+08	39440704	43.025	15.228	44.50148	-67.9465
4681	1043	993	25403768	72591569	9.808	28.028	44.15046	-68.6453
4683	104	150	11449244	1.76E+08	4.421	67.819	44.24521	-68.7878
4684	1466	1119	95759814	36665080	36.973	14.156	44.46736	-68.5032
4685	332	483	37185466	1.4E+08	14.357	53.926	44.15169	-68.4652
4686	114	292	2.93E+08	15766437	113.225	6.087	44.99654	-67.694
4691	441	355	1.22E+08	13557762	46.986	5.235	44.76032	-67.255
4693	516	519	37191609	49678130	14.36	19.181	44.37649	-68.0936
4694	2376	1531	3.39E+08	43842267	131.044	16.928	45.11508	-67.4775
4730	9992	4728	6.08E+08	4482507	234.709	1.731	46.19104	-67.861
4732	1670	1099	1.13E+09	27819658	438.029	10.741	46.32749	-68.9392
4733	221	191	1.36E+08	2885165	52.619	1.114	45.75748	-68.4042
4734	800	411	1.17E+08	174460	45.138	0.067	46.468	-67.9563
4735	617	330	1.26E+08	463265	48.486	0.179	46.41639	-67.8668
4736	9876	4720	4.32E+08	2389403	166.818	0.923	46.90953	-68.0261
4739	1112	972	5.83E+08	19294123	225.204	7.45	46.99591	-68.6729
4740	1287	596	1E+08	569958	38.713	0.22	46.6333	-67.8476
4741	3	5	8658260	0	3.343	0	47.45371	-69.2229
4742	3496	1674	1.99E+08	4367896	76.667	1.686	46.77624	-67.8592
4743	4676	2217	3.52E+08	5914022	135.931	2.283	47.20027	-68.6143
4745	1082	510	62091072	1181133	23.973	0.456	47.2821	-68.3888
4746	470	268	95534601	2041436	36.886	0.788	47.25667	-68.1361

4747	1337	991	4.22E+08	23797918	162.838	9.188	46.00497	-68.2338
4750	2603	1178	2.03E+08	1452547	78.395	0.561	46.95506	-67.8577
4756	3344	1894	46150965	264474	17.819	0.102	47.32808	-68.3035
4757	2870	1415	3.35E+08	3663844	129.229	1.415	46.66761	-68.1686
4758	1498	691	91006829	191946	35.138	0.074	46.55927	-67.8532
4760	795	473	2.6E+08	547534	100.305	0.211	46.33934	-67.9549
4761	529	427	47825569	2817463	18.466	1.088	46.11725	-67.9753
4762	602	323	1.03E+08	239357	39.768	0.092	46.95825	-68.1247
4763	726	492	90794119	1977091	35.056	0.763	46.07439	-68.1141
4764	66	84	1.7E+08	1933731	65.641	0.747	46.39893	-68.5853
4765	1262	1109	1.48E+09	59081627	571.617	22.812	46.15879	-68.5911
4766	386	190	94620086	278430	36.533	0.108	46.89246	-68.2158
4768	400	553	5.37E+08	21542045	207.457	8.317	46.86316	-68.8917
4769	9692	4608	1.96E+08	4776762	75.757	1.844	46.68848	-67.993
4772	762	538	76728185	26913997	29.625	10.392	47.23008	-68.3114
4773	723	558	1.01E+08	1484494	39.009	0.573	47.26751	-68.2231
4774	730	638	4.59E+08	8558562	177.282	3.304	47.07704	-69.1545
4776	925	513	2.22E+08	2581310	85.528	0.997	45.8717	-68.3248
4777	422	248	2.33E+08	1188272	90.12	0.459	45.84252	-68.5011
4779	398	629	2.46E+08	46750936	95.111	18.051	47.11446	-68.3315
4780	808	451	7.87E+08	7013722	303.819	2.708	46.23924	-68.2853
4781	560	318	1.27E+08	3242019	48.868	1.252	47.1502	-68.6135
4783	426	476	1.46E+08	6564749	56.24	2.535	47.04012	-68.1751
4785	2504	1449	2.64E+08	4635905	101.951	1.79	47.11195	-67.9944
4786	1970	897	1.82E+08	2500462	70.347	0.965	46.79492	-68.1921
4787	544	236	1.04E+08	91298	40.242	0.035	46.53469	-67.9728
4841	7297	3925	33258651	1946205	12.841	0.751	44.13354	-69.1338
4843	4851	3168	47885623	14101491	18.489	5.445	44.23841	-69.064
4847	1536	805	56877124	4968373	21.96	1.918	44.24082	-69.1893
4848	566	850	37009086	1.41E+08	14.289	54.591	44.29888	-68.9153
4849	3684	2627	1.58E+08	45359123	61.119	17.513	44.31611	-69.026
4851	75	158	6014348	19800407	2.322	7.645	43.87711	-68.8687
4852	69	164	2202210	985292	0.85	0.38	43.76654	-69.3098
4853	354	512	29447552	31840147	11.37	12.294	44.13696	-68.8676
4854	1580	1060	22990798	9203025	8.877	3.553	44.07553	-69.0799
4855	307	347	5969256	7941994	2.305	3.066	43.93586	-69.2635
4856	3330	1956	56043634	5975962	21.639	2.307	44.18045	-69.1217
4858	1533	860	29501247	8359032	11.39	3.227	44.04785	-69.1563
4859	724	612	17161745	22941269	6.626	8.858	43.99912	-69.1444
4860	1591	1261	46195451	46887193	17.836	18.103	43.9796	-69.2161
4861	2781	1385	28326258	1392261	10.937	0.538	44.1076	-69.1714
4862	3592	1859	1.68E+08	7915800	64.998	3.056	44.26271	-69.2777
4863	1165	1295	60367605	75090567	23.308	28.993	44.06891	-68.8533
4864	4751	1760	1.2E+08	5899848	46.472	2.278	44.12855	-69.2432
4901	26248	11921	2.04E+08	7715264	78.812	2.979	44.54035	-69.5752
4910	2041	923	1.01E+08	1637669	38.827	0.632	44.50805	-69.4453
4911	2136	1155	1.65E+08	1620516	63.743	0.626	44.76993	-69.9725

4912	1048	596	1.54E+08	1033337	59.601	0.399	44.98071	-69.6899
4915	8806	4744	1.89E+08	16183652	73.044	6.249	44.4635	-69.0376
4917	2849	1727	1.03E+08	37101132	39.714	14.325	44.48771	-69.8395
4918	349	480	9265168	945469	3.577	0.365	44.51573	-69.8662
4920	1713	1204	6.59E+08	27576990	254.521	10.648	45.14234	-69.8545
4921	1593	817	1.23E+08	2081439	47.454	0.804	44.56089	-69.1365
4922	1164	714	1.01E+08	6044800	38.891	2.334	44.68855	-69.3848
4923	482	268	55316679	185148	21.358	0.071	45.02901	-69.4457
4924	2275	1105	1.07E+08	2510153	41.156	0.969	44.78224	-69.5463
4925	75	264	1.47E+08	8154706	56.85	3.149	45.21237	-69.9034
4926	52	26	280174	0	0.108	0	44.48012	-69.5139
4927	3486	1547	1.14E+08	2377926	43.873	0.918	44.65979	-69.5317
4928	2198	1075	1E+08	2007967	38.678	0.775	44.94369	-69.2582
4929	837	373	51499327	429316	19.884	0.166	44.77211	-69.3022
4930	4295	2413	1.4E+08	6254537	53.954	2.415	45.02757	-69.318
4932	1181	557	93987426	375583	36.289	0.145	44.69757	-69.1437
4933	65	20	240546	0	0.093	0	44.8165	-69.2313
4936	261	774	1.14E+09	19852214	440.877	7.665	45.42195	-70.6244
4937	6645	2968	1.35E+08	2058284	52.091	0.795	44.65165	-69.6613
4938	9869	4741	3.18E+08	7182137	122.715	2.773	44.66186	-70.1031
4939	1105	552	97565112	696629	37.67	0.269	45.07726	-69.1588
4940	118	57	1255054	42173	0.485	0.016	44.62399	-70.0833
4941	1751	896	1.66E+08	3045766	64.183	1.176	44.46719	-69.2857
4942	1326	1180	3.74E+08	8753902	144.271	3.38	45.07702	-69.5864
4943	1792	1117	96168236	15153096	37.131	5.851	44.87982	-69.5205
4944	42	20	4163214	91413	1.607	0.035	44.69265	-69.6467
4945	1242	1502	2.39E+09	81471767	923.156	31.456	45.86972	-70.2663
4947	1852	2851	3.27E+08	768877	126.228	0.297	45.04955	-70.2695
4949	913	718	67341357	6213280	26.001	2.399	44.37103	-69.3337
4950	4855	2478	1.34E+08	7623563	51.88	2.943	44.82635	-69.7997
4951	906	468	1.04E+08	275335	40.296	0.106	44.60752	-69.0708
4952	1829	853	78207328	2822700	30.196	1.09	44.4128	-69.1548
4953	3228	1753	76224618	19352979	29.43	7.472	44.8603	-69.2367
4955	1362	681	1.15E+08	1595347	44.562	0.616	44.64721	-69.9933
4956	760	508	98267092	1433308	37.941	0.553	44.80791	-70.1098
4957	4265	2041	2.11E+08	4954480	81.445	1.913	44.70207	-69.8434
4958	1954	1490	1.42E+08	11985672	54.911	4.628	44.89907	-69.9188
4961	972	1107	7.58E+08	84191890	292.5	32.507	45.13778	-70.1443
4962	125	65	213898	0	0.083	0	44.48908	-69.6259
4963	7238	4050	1.32E+08	22821128	50.998	8.811	44.58901	-69.8873
4964	221	816	2.4E+08	85809620	92.83	33.131	44.86692	-70.7741
4965	1976	935	1.04E+08	3313019	40.132	1.279	44.84315	-69.3684
4966	1682	1242	5.17E+08	1522371	199.578	0.588	44.8147	-70.4273
4967	4230	1837	1.26E+08	1385703	48.543	0.535	44.76984	-69.4337
4969	1362	608	76937416	3409494	29.706	1.316	44.78529	-69.2363
4970	1620	2728	5.97E+08	42828556	230.558	16.536	45.00828	-70.618
4971	2005	1259	1.16E+08	5979684	44.791	2.309	44.92968	-69.3913

4973	1389	729	97677739	3614078	37.714	1.395	44.36219	-69.1939
4974	2611	1508	74042852	35950819	28.588	13.881	44.47104	-68.9274
4975	48	28	142318	0	0.055	0	44.62535	-69.5883
4976	9903	4858	2.58E+08	4722278	99.579	1.823	44.78928	-69.6677
4978	799	605	39139863	12567288	15.112	4.852	44.64201	-69.8002
4979	1064	673	1.14E+08	2827138	43.846	1.092	44.93954	-69.8075
4981	2316	1282	97912862	31859758	37.804	12.301	44.51412	-68.839
4982	630	658	1.38E+08	1107386	53.375	0.428	45.09798	-70.4306
4983	1752	1012	3.89E+08	1701315	150.252	0.657	44.97998	-70.3684
4984	523	323	61096111	590899	23.589	0.228	44.69862	-70.2712
4985	114	541	5.19E+08	14897769	200.462	5.752	45.36944	-69.9311
4986	1721	791	1.43E+08	516693	55.353	0.199	44.54946	-69.2113
4987	1030	476	90451120	2598957	34.923	1.003	44.67415	-69.2518
4988	2134	955	1.29E+08	5118169	49.783	1.976	44.57015	-69.3624
4989	4215	2000	1.14E+08	9171136	44.184	3.541	44.42798	-69.6495
4992	103	68	154631	0	0.06	0	44.66366	-70.1627
5001	9123	5151	1.12E+08	1841298	43.212	0.711	43.67219	-72.3802
5031	218	205	25833524	417337	9.974	0.161	43.69993	-72.5898
5032	2664	1414	1.81E+08	970027	69.952	0.375	43.80157	-72.6577
5033	2744	1259	74903469	638135	28.92	0.246	44.01218	-72.1583
5034	310	181	14710739	96589	5.68	0.037	43.5745	-72.6432
5035	638	491	82722713	206906	31.939	0.08	43.61167	-72.6864
5036	1037	567	86424130	748365	33.369	0.289	44.0239	-72.5871
5037	560	444	26949432	130037	10.405	0.05	43.45775	-72.4935
5038	1230	691	1.03E+08	125016	39.638	0.048	43.99392	-72.46
5039	1110	665	1.14E+08	137932	44.103	0.053	44.0633	-72.3131
5040	471	249	27529209	197308	10.629	0.076	44.06988	-72.1987
5041	354	159	15233971	7373	5.882	0.003	43.95555	-72.5389
5042	605	321	61643510	311783	23.801	0.12	44.22217	-72.0968
5043	937	413	21188841	857134	8.181	0.331	43.8051	-72.2047
5045	1758	1115	1.34E+08	4715928	51.698	1.821	43.91785	-72.1803
5046	1139	698	1.55E+08	3125422	59.786	1.207	44.23245	-72.2575
5048	2429	1103	71288603	301848	27.525	0.117	43.58062	-72.4277
5050	146	74	1118799	0	0.432	0	44.26681	-72.064
5051	1549	1009	1.24E+08	1861800	48.026	0.719	44.10449	-72.1217
5052	348	157	6718383	426401	2.594	0.165	43.59699	-72.3597
5053	332	189	22614226	51891	8.731	0.02	43.71945	-72.4892
5055	3363	1529	1.06E+08	569186	41.044	0.22	43.77763	-72.324
5056	567	815	1.11E+08	1448422	42.817	0.559	43.50671	-72.7042
5058	346	161	10624841	2823	4.102	0.001	43.88126	-72.2723
5059	874	689	13695356	408881	5.288	0.158	43.63782	-72.4277
5060	4415	2225	1.8E+08	744458	69.487	0.287	43.96707	-72.7086
5061	1679	577	67027651	103216	25.88	0.04	43.91676	-72.5702
5062	702	475	1.1E+08	479959	42.657	0.185	43.49649	-72.6
5065	1064	531	83375669	1020722	32.192	0.394	43.78248	-72.4234
5067	258	176	42601406	20988	16.448	0.008	43.67737	-72.5181
5068	3125	1691	1.33E+08	1554440	51.468	0.6	43.78096	-72.5475

5069	555	290	31106162	443705	12.01	0.171	44.20407	-72.1312
5070	484	245	35445156	41229	13.685	0.016	43.85159	-72.3444
5071	324	263	49993625	41173	19.303	0.016	43.56156	-72.5463
5072	526	295	67841260	427403	26.194	0.165	43.89893	-72.3721
5075	1113	562	66407506	635759	25.64	0.245	43.84707	-72.2886
5076	412	271	74677961	145734	28.833	0.056	44.14185	-72.231
5077	1215	718	1.09E+08	392720	42.247	0.152	43.9088	-72.4593
5079	730	435	94503797	130034	36.488	0.05	43.95677	-72.3265
5081	550	299	24094582	177195	9.303	0.068	44.12297	-72.0659
5083	151	76	1865523	0	0.72	0	43.9189	-72.2681
5084	140	58	6144723	67809	2.372	0.026	43.72985	-72.4514
5086	793	408	63359508	118243	24.463	0.046	44.10897	-72.3007
5089	4979	2515	1.06E+08	861705	41.047	0.333	43.49559	-72.4423
5091	3288	2033	1.74E+08	1002921	67.072	0.387	43.63461	-72.5771
5101	4643	2252	89069403	1805100	34.39	0.697	43.18214	-72.4932
5141	112	65	2564606	56681	0.99	0.022	43.15117	-72.5692
5142	680	430	69698388	491859	26.911	0.19	43.39752	-72.5805
5143	4343	2503	2.46E+08	1044106	94.861	0.403	43.27763	-72.6403
5146	750	514	1.15E+08	303912	44.242	0.117	43.18497	-72.634
5148	1140	1035	69779396	1159104	26.942	0.448	43.23136	-72.791
5149	2092	3417	1.14E+08	1381898	44.046	0.534	43.38055	-72.7121
5150	831	416	6194900	203890	2.392	0.079	43.33443	-72.5308
5151	1553	789	72012508	1269106	27.804	0.49	43.39532	-72.497
5152	448	772	1.05E+08	327699	40.721	0.127	43.23333	-72.939
5153	687	535	32540197	111335	12.564	0.043	43.41844	-72.6426
5154	661	288	6863497	148011	2.65	0.057	43.1352	-72.5462
5155	828	1798	1.08E+08	646013	41.521	0.249	43.09292	-72.9159
5156	9226	4241	1.56E+08	1064896	60.361	0.411	43.31063	-72.4616
5158	1049	491	29566089	150738	11.416	0.058	43.08405	-72.4697
5161	552	549	89440904	515737	34.533	0.199	43.32144	-72.8029
5201	14851	6739	2.41E+08	908491	93.09	0.351	42.86948	-73.1292
5250	3408	1929	2.37E+08	804856	91.577	0.311	43.10375	-73.173
5251	1350	1061	90411653	126681	34.908	0.049	43.26418	-73.0636
5252	274	173	1.01E+08	672750	38.936	0.26	43.08101	-73.0688
5253	685	393	34000321	207006	13.128	0.08	43.24576	-73.002
5254	273	302	5213000	39320	2.013	0.015	43.15381	-73.0609
5255	4121	2560	1.02E+08	282817	39.417	0.109	43.13736	-73.0222
5257	2718	991	32887455	250439	12.698	0.097	42.95872	-73.2608
5260	459	206	24920356	251841	9.622	0.097	42.80884	-73.2656
5261	2738	1267	83109526	450447	32.089	0.174	42.78251	-73.1952
5262	2547	1217	1.97E+08	188886	76.16	0.073	42.97375	-73.0753
5301	16820	8450	3.88E+08	3634658	149.845	1.403	42.84277	-72.6556
5340	763	1722	1.13E+08	1227558	43.532	0.474	43.16897	-72.9724
5341	407	301	34027325	51058	13.138	0.02	42.96429	-72.7979
5342	581	389	39459873	283554	15.236	0.109	42.7775	-72.7948
5343	917	970	1.17E+08	1378315	45.093	0.532	43.10309	-72.8203
5345	2119	1299	1.3E+08	793863	50.15	0.307	42.98772	-72.684

5346	5184	2312	1.78E+08	684095	68.714	0.264	43.03769	-72.5365
5350	763	496	94088470	386495	36.328	0.149	42.79094	-72.9726
5352	824	410	1.02E+08	300271	39.503	0.116	42.80804	-73.0765
5353	1072	670	95176769	1151636	36.748	0.445	43.07103	-72.6822
5354	2210	926	50375952	1595409	19.45	0.616	42.76413	-72.5221
5355	813	744	70979303	83285	27.405	0.032	43.02014	-72.8135
5356	717	2753	57256311	178174	22.107	0.069	42.97553	-72.8646
5358	148	119	32445516	13591	12.527	0.005	42.77335	-72.7055
5359	594	501	76600700	214721	29.576	0.083	43.15302	-72.7159
5360	251	385	1.26E+08	7411114	48.647	2.861	43.00012	-72.947
5361	947	673	78687821	5750828	30.382	2.22	42.78069	-72.8791
5362	127	80	6872692	178763	2.654	0.069	42.9353	-72.66
5363	2021	2607	1.66E+08	5561752	64.198	2.147	42.88278	-72.8931
5401	28185	12730	15341366	341170	5.923	0.132	44.47662	-73.21
5403	17593	8285	42477974	496476	16.401	0.192	44.44487	-73.1735
5404	7240	3383	3697712	205994	1.428	0.08	44.49559	-73.1849
5405	4406	3	602184	0	0.233	0	44.47373	-73.1956
5408	10114	4308	10930278	714657	4.22	0.276	44.51185	-73.2496
5439	1734	69	458147	29691	0.177	0.011	44.49454	-73.1644
5440	1998	1370	75473054	1489385	29.14	0.575	44.95788	-73.292
5441	958	418	82423250	216243	31.824	0.083	44.80557	-72.72
5442	339	206	82799135	127632	31.969	0.049	44.75719	-72.6713
5443	6656	2931	2.94E+08	2779870	113.415	1.073	44.13944	-73.0399
5444	1714	738	52426130	666930	20.242	0.258	44.64973	-72.897
5445	3754	1706	1.07E+08	392842	41.259	0.152	44.30996	-73.221
5446	15373	7045	94936779	2183677	36.655	0.843	44.54139	-73.1829
5447	79	38	790257	12378	0.305	0.005	44.93245	-72.7019
5448	1134	495	1.05E+08	409346	40.574	0.158	44.75029	-72.9009
5450	4977	2135	3.08E+08	2865616	118.862	1.106	44.89458	-72.7952
5452	19710	8193	1.08E+08	1236613	41.529	0.477	44.53887	-73.0501
5454	4447	1752	1.23E+08	3343760	47.391	1.291	44.71029	-73.0289
5455	1080	413	86295058	642425	33.319	0.248	44.80169	-72.9674
5456	1277	559	62050717	2507592	23.958	0.968	44.22142	-73.2646
5457	1617	945	99545684	6083881	38.435	2.349	44.95769	-72.9179
5458	2044	1178	42417581	39322	16.378	0.015	44.71785	-73.3075
5459	2156	832	66399633	1290552	25.637	0.498	44.95006	-73.0054
5461	4542	1906	1.07E+08	1039868	41.157	0.401	44.33279	-73.0873
5462	1938	821	98267202	257446	37.941	0.099	44.31254	-72.9521
5463	471	454	20421034	30865	7.885	0.012	44.87132	-73.3492
5464	3008	1417	1.68E+08	1055581	64.808	0.408	44.64626	-72.819
5465	5355	2078	1.13E+08	493875	43.539	0.191	44.46491	-72.9594
5468	12942	5117	1.65E+08	3920244	63.874	1.514	44.65737	-73.1445
5471	896	662	1.34E+08	150950	51.658	0.058	44.82798	-72.5774
5472	1643	710	1.02E+08	691897	39.409	0.267	44.10276	-73.1552
5473	1413	749	48948666	942425	18.899	0.364	44.24194	-73.1947
5474	803	966	34846755	45533	13.454	0.018	44.78773	-73.298
5476	3183	1458	1.65E+08	1233414	63.77	0.476	44.95523	-72.6431

5477	4397	1884	1.2E+08	1353649	46.412	0.523	44.41677	-72.9624
5478	14449	6621	1.57E+08	1521260	60.472	0.587	44.80933	-73.0815
5481	0	1	972298	1328	0.375	0.001	44.77292	-73.2054
5482	7198	3101	63443661	2014070	24.496	0.778	44.38066	-73.211
5483	1303	637	52704287	2514454	20.349	0.971	44.8899	-72.9631
5485	93	43	476408	0	0.184	0	44.90034	-72.9709
5486	1654	1080	38682119	37479	14.935	0.014	44.64225	-73.3077
5487	1498	684	1.17E+08	323401	44.999	0.125	44.22844	-72.9901
5488	7690	3763	1.67E+08	4617138	64.585	1.783	44.92133	-73.1254
5489	3174	1262	1.37E+08	189138	53	0.073	44.5709	-72.9016
5491	5909	2794	2.23E+08	9004062	86.185	3.476	44.11196	-73.3108
5492	682	323	42647742	149880	16.466	0.058	44.73761	-72.7617
5494	1767	693	88606529	524348	34.211	0.202	44.60742	-73.0036
5495	9341	3928	86689453	1313045	33.471	0.507	44.42907	-73.0962
5602	11916	5806	2.1E+08	3095894	81.192	1.195	44.27495	-72.6095
5640	161	87	9628237	144980	3.717	0.056	44.34188	-72.4998
5641	17169	7943	1.4E+08	987484	54.082	0.381	44.18884	-72.4722
5647	1141	630	76230027	1689546	29.433	0.652	44.4027	-72.2824
5648	423	256	23100708	569851	8.919	0.22	44.38275	-72.4924
5649	574	260	40440628	117979	15.614	0.046	44.16665	-72.3472
5650	1123	612	60980569	1783729	23.545	0.689	44.3804	-72.4364
5651	1546	651	44496815	480377	17.18	0.185	44.28231	-72.4893
5652	776	333	81138885	895473	31.328	0.346	44.72324	-72.6111
5653	547	379	82811407	1664632	31.974	0.643	44.71485	-72.4726
5654	970	454	7464479	132495	2.882	0.051	44.14029	-72.4757
5655	2868	1331	87894850	3254219	33.936	1.256	44.62482	-72.5671
5656	3508	1372	1.21E+08	993743	46.688	0.384	44.64812	-72.6888
5657	56	95	363568	887257	0.14	0.343	44.53551	-72.5267
5658	1402	676	97260005	2491302	37.552	0.962	44.36472	-72.3548
5660	1660	841	1.03E+08	478452	39.734	0.185	44.254	-72.7345
5661	5620	2721	1.71E+08	1503249	66.082	0.58	44.53267	-72.6202
5663	6773	2377	1.42E+08	449980	54.823	0.174	44.14761	-72.6913
5664	80	34	43125	0	0.017	0	44.16717	-72.6531
5667	2166	1000	1.17E+08	618428	45.226	0.239	44.26904	-72.3889
5669	634	413	1.1E+08	129526	42.414	0.05	44.06462	-72.7299
5672	4314	3526	1.88E+08	424423	72.599	0.164	44.49198	-72.713
5673	2574	1938	1.42E+08	483504	54.83	0.187	44.19904	-72.8408
5674	1705	2232	1.03E+08	128832	39.927	0.05	44.11253	-72.874
5675	1064	576	1.03E+08	138682	39.748	0.054	44.07617	-72.4226
5676	4984	2391	2.63E+08	3585965	101.531	1.385	44.29857	-72.8278
5677	2232	1004	39857149	1591519	15.389	0.614	44.40921	-72.7083
5678	163	77	1831705	118879	0.707	0.046	44.1576	-72.4778
5679	3296	1436	1.03E+08	472582	39.744	0.182	44.10894	-72.5319
5680	2168	1012	1.72E+08	1488876	66.406	0.575	44.5406	-72.4719
5681	458	413	66106347	3025268	25.524	1.168	44.45322	-72.4071
5682	1251	561	1.2E+08	494344	46.181	0.191	44.40178	-72.5655
5701	20802	10267	1.51E+08	651406	58.235	0.252	43.62458	-72.9102

5730	302	243	35911950	310195	13.866	0.12	43.43759	-72.7887
5732	708	584	25461747	4088767	9.831	1.579	43.64381	-73.2108
5733	5895	3145	2.96E+08	4270532	114.263	1.649	43.81062	-73.0903
5734	1306	702	1.14E+08	542720	44.106	0.21	43.98172	-73.3319
5735	4402	1751	1.11E+08	6019353	42.852	2.324	43.63567	-73.1677
5736	684	320	15512592	185264	5.989	0.072	43.63359	-73.0085
5737	875	463	1.66E+08	3145659	64.18	1.215	43.77335	-72.9062
5738	1072	576	1.3E+08	534159	50.078	0.206	43.52859	-72.8607
5739	1407	757	1.42E+08	479825	54.687	0.185	43.34262	-73.0002
5740	25	15	72134	0	0.028	0	43.97175	-73.1053
5742	597	416	66695489	738829	25.751	0.285	43.41965	-72.9108
5743	4330	2331	2.56E+08	5869876	98.854	2.266	43.67733	-73.3049
5744	533	258	57617410	210963	22.246	0.081	43.69401	-73.0805
5747	280	233	1.31E+08	249744	50.591	0.096	44.00529	-72.8413
5748	323	208	98481990	278678	38.024	0.108	43.90548	-72.9218
5751	811	2609	1.21E+08	705219	46.584	0.272	43.65758	-72.7844
5753	10491	3921	2.19E+08	2771945	84.745	1.07	43.98949	-73.1785
5757	832	470	63406134	35581	24.481	0.014	43.4801	-73.1236
5758	784	662	78064490	875265	30.141	0.338	43.45079	-72.7578
5759	1827	857	46632446	483268	18.005	0.187	43.53216	-72.9648
5760	1123	645	1.01E+08	2037996	39.173	0.787	43.80062	-73.2897
5761	1000	588	98392373	158621	37.99	0.061	43.36093	-73.1518
5762	542	431	51775536	169832	19.991	0.066	43.80448	-72.8369
5763	2747	1303	74482692	260478	28.758	0.101	43.73022	-72.9952
5764	3452	1676	1.12E+08	2727846	43.19	1.053	43.53994	-73.1892
5765	1803	806	20466061	429477	7.902	0.166	43.65167	-73.0346
5766	572	334	1.18E+08	415774	45.675	0.161	43.98494	-72.9968
5767	1143	836	1.48E+08	780220	57.06	0.301	43.87195	-72.8319
5769	1216	735	79408330	4357529	30.66	1.682	43.93207	-73.1198
5770	1136	527	1.07E+08	582042	41.313	0.225	43.88196	-73.3245
5772	713	539	1.18E+08	716981	45.518	0.277	43.7508	-72.7609
5773	2136	1112	1.83E+08	1124035	70.666	0.434	43.42023	-72.987
5774	1129	924	57728711	2273916	22.289	0.878	43.44299	-73.1911
5775	623	306	32763435	379076	12.65	0.146	43.36596	-73.2284
5776	714	482	1.15E+08	96658	44.568	0.037	43.25273	-73.1974
5777	3420	1546	1.25E+08	171828	48.232	0.066	43.55645	-73.0488
5778	733	313	64436792	507526	24.879	0.196	43.87642	-73.2125
5819	9444	4364	2.35E+08	6114349	90.921	2.361	44.40474	-71.9831
5820	662	363	62188349	483677	24.011	0.187	44.7636	-72.3752
5821	1269	769	90142483	2170805	34.804	0.838	44.31135	-72.1149
5822	1873	1159	1E+08	7103132	38.69	2.743	44.75272	-72.1429
5824	1139	753	1.34E+08	5575500	51.779	2.153	44.44252	-71.8429
5825	191	93	6586438	69906	2.543	0.027	44.86053	-72.2493
5826	983	509	81059665	300184	31.297	0.116	44.64773	-72.4021
5827	309	190	38146793	1574432	14.729	0.608	44.6769	-72.3625
5828	1928	962	1.39E+08	388212	53.69	0.15	44.4375	-72.1248
5829	2003	1118	65946490	4218120	25.462	1.629	44.96721	-72.0683

5830	1502	849	81183397	1794872	31.345	0.693	44.97322	-71.9859
5832	982	740	76002046	283232	29.345	0.109	44.57802	-71.9177
5833	273	184	37418358	166031	14.447	0.064	44.84232	-71.9596
5836	1068	607	73952556	717808	28.553	0.277	44.51531	-72.2647
5837	353	232	1.19E+08	122196	45.966	0.047	44.66298	-71.8051
5839	775	486	62693329	1102863	24.206	0.426	44.67367	-72.2023
5841	425	603	74238222	4449171	28.664	1.718	44.60767	-72.2886
5842	522	257	47229613	303758	18.235	0.117	44.55893	-72.2316
5843	2556	1212	93636031	827135	36.153	0.319	44.51579	-72.3481
5845	1096	545	1.08E+08	887861	41.823	0.343	44.80077	-72.2906
5846	1252	969	1.44E+08	3826064	55.635	1.477	44.80089	-71.8627
5847	879	509	1.45E+08	207786	55.996	0.08	44.79344	-72.4585
5850	231	57	1049164	20883	0.405	0.008	44.54125	-72.0147
5851	6528	2795	2.07E+08	1801365	79.766	0.696	44.55713	-72.0806
5853	711	789	77633277	7514706	29.974	2.901	44.8884	-71.9393
5855	7170	3463	1.44E+08	25070695	55.522	9.68	44.92829	-72.1911
5857	1540	841	1.07E+08	4820427	41.267	1.861	44.92891	-72.3127
5858	368	279	2.02E+08	684854	78.147	0.264	44.55879	-71.8169
5859	1819	1326	1.44E+08	818546	55.626	0.316	44.96667	-72.443
5860	2557	1580	1.96E+08	5959543	75.657	2.301	44.80266	-72.104
5862	356	329	71202268	2335875	27.491	0.902	44.31968	-72.2178
5866	732	436	84455941	667553	32.609	0.258	44.64163	-72.1101
5867	899	430	93299585	506387	36.023	0.196	44.66507	-72.036
5868	364	199	36339228	121545	14.031	0.047	44.90217	-72.3779
5871	1638	1051	1.22E+08	1252477	47.198	0.484	44.68931	-71.937
5872	789	505	62474671	3545922	24.122	1.369	44.86853	-72.048
5873	675	558	76621505	1188689	29.584	0.459	44.42455	-72.1953
5874	505	294	94844144	275414	36.62	0.106	44.88343	-72.4848
5875	454	335	43472091	1685990	16.785	0.651	44.70971	-72.2471
5901	20	175	92780261	4530286	35.823	1.749	44.9397	-71.6601
5902	188	104	2741543	160056	1.059	0.062	45.00959	-71.4879
5903	868	598	1.73E+08	961362	66.665	0.371	44.93509	-71.588
5904	267	141	1479506	240607	0.571	0.093	44.41622	-71.7065
5905	827	844	4.89E+08	8232401	188.617	3.179	44.70201	-71.6794
5906	1178	758	1.25E+08	1627296	48.141	0.628	44.471	-71.7059
5907	177	335	2.85E+08	4413400	110.159	1.704	44.91261	-71.8183
6001	18385	7597	60750357	1218215	23.456	0.47	41.78716	-72.852
6002	20486	9019	67502002	428529	26.063	0.165	41.84493	-72.741
6010	60448	26996	68381017	1046767	26.402	0.404	41.68158	-72.9407
6013	9326	3401	77047287	1725405	29.748	0.666	41.75752	-72.9576
6016	6226	2682	38846825	169595	14.999	0.065	41.9019	-72.5474
6018	2865	1435	31038044	15763	11.984	0.006	42.02463	-73.3096
6019	10129	4272	59460853	1137672	22.958	0.439	41.85751	-72.9028
6020	0	0	18987	0	0.007	0	41.83461	-72.9288
6021	314	158	14622779	160987	5.646	0.062	42.01723	-73.1048
6022	163	67	4196745	0	1.62	0	41.86543	-72.9273
6023	1296	517	2373324	5730	0.916	0.002	41.61259	-72.7201

6024	647	305	20576056	0	7.944	0	42.01214	-73.2743
6026	5117	2138	43614027	235492	16.839	0.091	41.92972	-72.7454
6027	1492	574	40819647	1718138	15.761	0.663	42.00493	-72.9157
6029	15547	6644	87556774	1380869	33.806	0.533	41.91517	-72.4443
6031	1287	790	99548245	893000	38.436	0.345	41.95526	-73.3168
6032	17675	7867	58984447	1541344	22.774	0.595	41.72522	-72.8303
6033	28762	11529	88936382	1442061	34.339	0.557	41.70746	-72.5389
6035	7513	3018	39708852	373679	15.332	0.144	41.96068	-72.8038
6037	18565	7620	65768256	1705949	25.393	0.659	41.60548	-72.7785
6039	1942	1287	54333953	2458512	20.978	0.949	41.94993	-73.4483
6040	35306	15450	43949945	393095	16.969	0.152	41.76142	-72.5256
6042	22942	10549	27027751	327214	10.435	0.126	41.80278	-72.521
6043	4986	2018	37326699	766251	14.412	0.296	41.76459	-72.4376
6051	30519	13318	10602237	0	4.094	0	41.66514	-72.7698
6052	7858	3469	6604179	58558	2.55	0.023	41.65557	-72.8031
6053	34863	14454	20831103	131729	8.043	0.051	41.69015	-72.7919
6057	6707	2784	94463646	2940724	36.473	1.135	41.84104	-72.9987
6058	1787	1007	1.31E+08	3317801	50.728	1.281	41.96991	-73.1785
6059	0	0	7586417	2909196	2.929	1.123	41.95718	-72.942
6060	2581	902	31265752	1525	12.072	0.001	42.00915	-72.8475
6061	169	75	330786	0	0.128	0	41.8756	-72.9668
6062	17715	8063	22634325	181508	8.739	0.07	41.67364	-72.8597
6063	3285	1381	76659560	3762270	29.598	1.453	41.9252	-72.9713
6065	882	350	24949077	35376	9.633	0.014	41.97462	-73.0077
6066	29219	13911	45866666	970662	17.709	0.375	41.83752	-72.4591
6067	19709	8843	34846672	997338	13.454	0.385	41.65662	-72.6618
6068	1612	1167	80533460	4825290	31.094	1.863	42.00724	-73.4222
6069	2535	1588	1.3E+08	1955694	50.08	0.755	41.86076	-73.4492
6070	15104	5792	56199044	602242	21.699	0.233	41.87426	-72.8089
6071	11645	3496	74744876	304031	28.859	0.117	41.99278	-72.4536
6073	5651	2122	43790996	933957	16.908	0.361	41.66444	-72.555
6074	25705	10241	72677501	1572274	28.061	0.607	41.83809	-72.5778
6076	12659	5470	2.22E+08	4442649	85.608	1.715	41.98444	-72.2635
6078	12413	4089	66191877	1614298	25.557	0.623	41.99273	-72.6515
6081	1381	674	1787093	164281	0.69	0.063	41.90519	-72.7726
6082	44654	17558	86169677	2448012	33.27	0.945	41.98399	-72.5556
6084	15067	5457	1.03E+08	1630210	39.871	0.629	41.88249	-72.3591
6085	7276	2987	12367991	338311	4.775	0.131	41.74896	-72.8894
6088	4936	2363	29142176	1297022	11.252	0.501	41.91219	-72.585
6089	2813	1185	7007276	81405	2.706	0.031	41.83749	-72.822
6090	1232	460	35084682	0	13.546	0	41.94648	-72.8632
6091	140	94	28774800	2178445	11.11	0.841	42.02423	-72.9769
6092	4203	1468	22356020	39765	8.632	0.015	41.87345	-72.8605
6093	3322	1380	43268546	142619	16.706	0.055	42.01321	-72.7174
6095	29079	11781	76633889	3781523	29.589	1.46	41.87104	-72.6751
6096	12498	5429	24860683	885163	9.599	0.342	41.92763	-72.6597
6098	12426	6186	1.46E+08	6733528	56.538	2.6	41.95619	-73.0864

6103	1410	1168	1214033	60241	0.469	0.023	41.76721	-72.6743
6105	19392	11179	6079380	0	2.347	0	41.77468	-72.705
6106	39902	15404	10951801	254096	4.229	0.098	41.74859	-72.696
6107	18786	7846	16897276	541093	6.524	0.209	41.7523	-72.7581
6108	24307	9845	21005202	1143823	8.11	0.442	41.78038	-72.6239
6109	26668	11677	31883298	2071376	12.31	0.8	41.70248	-72.6693
6110	12650	5264	8639056	0	3.336	0	41.73268	-72.7336
6111	30562	13011	34034916	0	13.141	0	41.68699	-72.7308
6112	22879	9057	7065436	13593	2.728	0.005	41.79334	-72.6958
6114	27449	10397	10466921	364560	4.041	0.141	41.74085	-72.6707
6117	17267	5968	25732555	666960	9.935	0.258	41.78516	-72.7636
6118	26956	11487	25665833	760959	9.91	0.294	41.7487	-72.6097
6119	15474	7067	5284985	0	2.041	0	41.76342	-72.7272
6120	12887	4893	9214593	1044842	3.558	0.403	41.78907	-72.6644
6160	0	0	140568	0	0.054	0	41.7666	-72.6911
6226	20114	7340	18729103	293953	7.231	0.113	41.70824	-72.2085
6231	4083	1562	41181064	477282	15.9	0.184	41.63324	-72.3672
6232	3297	1314	39996592	639655	15.443	0.247	41.73298	-72.3747
6234	8244	3247	79282417	391220	30.611	0.151	41.79389	-71.9533
6235	2257	965	50015880	352485	19.311	0.136	41.79089	-72.1295
6237	5492	2311	55858842	1587989	21.567	0.613	41.69453	-72.3054
6238	12428	5096	96800018	1748669	37.375	0.675	41.7801	-72.344
6239	11183	4817	58817022	1391356	22.709	0.537	41.79404	-71.8545
6241	6650	2929	71065128	2539686	27.438	0.981	41.8539	-71.8474
6242	1408	635	67468035	971351	26.05	0.375	41.8956	-72.0933
6243	60	27	903761	257962	0.349	0.1	41.84487	-71.805
6247	2841	1158	88112010	1091788	34.02	0.422	41.7678	-72.075
6248	5603	2005	54485280	429890	21.037	0.166	41.68858	-72.4091
6249	7308	3125	1.4E+08	2986571	54.098	1.153	41.63296	-72.2401
6250	4821	2008	43781464	2244670	16.904	0.867	41.77296	-72.1984
6254	1922	771	50476265	205575	19.489	0.079	41.62121	-72.1426
6255	4744	2060	58918134	1863254	22.748	0.719	41.99109	-71.902
6256	2154	1023	19364911	679441	7.477	0.262	41.73215	-72.1574
6259	4498	1782	1.08E+08	651006	41.577	0.251	41.8715	-71.9876
6260	9510	4271	51760025	282504	19.985	0.109	41.90803	-71.8705
6262	586	288	2467318	82324	0.953	0.032	42.01931	-71.9484
6263	345	150	597883	0	0.231	0	41.83524	-71.8998
6264	166	74	3749379	0	1.448	0	41.69421	-72.1004
6266	495	207	2455634	68163	0.948	0.026	41.67366	-72.1728
6268	11481	3776	68064113	359550	26.28	0.139	41.80112	-72.2454
6269	9844	27	3311133	28584	1.278	0.011	41.8044	-72.2931
6277	4140	1826	59550215	2578991	22.992	0.996	41.95839	-71.8439
6278	4454	1976	1.03E+08	1846484	39.599	0.713	41.89712	-72.1714
6279	6041	2637	86230314	582495	33.294	0.225	41.89727	-72.2518
6280	3162	1322	37637994	1420554	14.532	0.548	41.69099	-72.1301
6281	6930	3082	1.44E+08	2191136	55.441	0.846	41.97348	-72.0141
6282	1096	525	14849290	901025	5.733	0.348	41.94413	-72.0842

6320	27617	11838	14325302	5159756	5.531	1.992	41.34785	-72.1025
6330	3282	1367	47409306	1522044	18.305	0.588	41.63557	-72.0775
6331	5137	2045	1.03E+08	683786	39.95	0.264	41.69571	-72.0034
6332	258	110	1190715	11477	0.46	0.004	41.73122	-71.9023
6333	6607	2505	60660513	1656168	23.421	0.639	41.38897	-72.2321
6334	2592	1039	50196968	720872	19.381	0.278	41.54493	-72.1738
6335	6729	2652	28068897	2954037	10.837	1.141	41.43471	-72.0585
6336	84	38	1589389	2462	0.614	0.001	41.58058	-72.1959
6339	8302	3319	69677180	1432085	26.903	0.553	41.44194	-71.9905
6340	31242	14010	59092210	13941534	22.816	5.383	41.35748	-72.0418
6350	67	27	604362	0	0.233	0	41.64851	-72.0684
6351	16301	6854	1.35E+08	7147702	52.011	2.76	41.58979	-71.9484
6353	162	90	579882	392780	0.224	0.152	41.46443	-72.1496
6354	6141	2524	53412083	515019	20.623	0.199	41.70886	-71.8551
6355	12985	6246	36411555	6322441	14.059	2.441	41.3669	-71.9764
6357	12552	5953	27389420	6534911	10.575	2.523	41.32453	-72.2201
6359	5313	2314	1.41E+08	1868236	54.275	0.721	41.47118	-71.8724
6360	37541	17286	69800814	3366543	26.95	1.3	41.54786	-72.0895
6365	4720	2016	79810446	2398364	30.815	0.926	41.51865	-72.0066
6370	7429	2864	61077880	2550216	23.582	0.985	41.46832	-72.1861
6371	9952	5964	1.42E+08	15734473	54.756	6.075	41.36239	-72.3238
6373	345	141	8767549	45596	3.385	0.018	41.68195	-71.7977
6374	8373	3341	66999121	972661	25.869	0.376	41.68188	-71.9109
6375	3660	1523	20632209	2190382	7.966	0.846	41.40634	-72.1232
6376	57	280	259435	0	0.1	0	41.29406	-72.254
6377	2962	1179	43153488	83810	16.662	0.032	41.73055	-71.8193
6378	5399	3040	55052205	5297923	21.256	2.046	41.38321	-71.9084
6379	9038	4157	31102848	4305710	12.009	1.662	41.36347	-71.8532
6380	2862	1336	2472526	117263	0.955	0.045	41.56342	-72.0516
6382	11947	4444	46784724	2844918	18.064	1.098	41.46726	-72.1222
6384	2672	1148	98412852	2152833	37.997	0.831	41.57919	-71.8312
6385	15893	7122	64672309	5457800	24.97	2.107	41.36173	-72.1566
6387	213	90	277797	0	0.107	0	41.74117	-71.913
6389	41	19	328568	0	0.127	0	41.56416	-72.1291
6390	236	660	10555961	380880	4.076	0.147	41.27358	-71.969
6401	19237	8142	15556946	435209	6.007	0.168	41.34425	-73.0698
6403	6033	2504	25033667	301429	9.666	0.116	41.44369	-73.0519
6405	27860	13910	55025925	12664524	21.246	4.89	41.28501	-72.7935
6409	693	362	3503015	203413	1.353	0.079	41.35108	-72.4202
6410	29161	10388	84355611	723751	32.57	0.279	41.51183	-72.9036
6412	3994	1923	41573139	2010890	16.051	0.776	41.40968	-72.4847
6413	13235	6049	41948300	4026476	16.196	1.555	41.29561	-72.5291
6414	214	71	751064	0	0.29	0	41.57223	-72.5523
6415	16857	6841	1.41E+08	2580679	54.416	0.996	41.5511	-72.3481
6416	14005	6001	30071926	1290030	11.611	0.498	41.61655	-72.6616
6417	4629	2096	34999963	1686023	13.514	0.651	41.36782	-72.4774
6418	12914	5855	13125510	906988	5.068	0.35	41.32617	-73.0826

6419	6525	2598	91506556	1170679	35.331	0.452	41.38074	-72.5767
6420	4182	1648	75667050	2198054	29.215	0.849	41.48935	-72.2584
6422	7388	2694	61276641	395267	23.659	0.153	41.46892	-72.6845
6423	5097	2365	99625558	4347396	38.466	1.679	41.4575	-72.3892
6424	12808	5466	1.04E+08	4935712	40.266	1.906	41.5606	-72.5023
6426	3245	1774	14807363	3516809	5.717	1.358	41.35159	-72.3976
6437	22375	9596	1.22E+08	6013762	47.118	2.322	41.33178	-72.6968
6438	2550	1146	31816532	2380663	12.284	0.919	41.45526	-72.5044
6441	5438	2172	67020488	955176	25.877	0.369	41.47108	-72.5804
6442	2745	1125	8631794	43968	3.333	0.017	41.34186	-72.4347
6443	18269	8049	93621175	4285429	36.147	1.655	41.34675	-72.6255
6444	370	134	1702317	0	0.657	0	41.56268	-72.9333
6447	6404	2389	60479195	444481	23.351	0.172	41.63644	-72.454
6450	36493	15440	36345690	380875	14.033	0.147	41.53581	-72.7757
6451	24419	10473	25324028	559642	9.778	0.216	41.54191	-72.8234
6455	3148	1320	28103982	1538526	10.851	0.594	41.51416	-72.7178
6456	295	134	2253121	1030501	0.87	0.398	41.51669	-72.5538
6457	47648	21223	1.06E+08	3487775	41.018	1.347	41.54953	-72.6577
6460	38207	17410	32513600	6395141	12.554	2.469	41.21427	-73.0508
6461	14552	5664	24920446	1426969	9.622	0.551	41.23986	-73.0754
6467	157	60	173168	0	0.067	0	41.56785	-72.8998
6468	19479	6918	67527745	519191	26.073	0.2	41.33924	-73.2228
6469	3209	1471	26051306	971355	10.058	0.375	41.51041	-72.4448
6470	16003	5871	96624966	1787418	37.307	0.69	41.39508	-73.3177
6471	7720	3207	23314690	419741	9.002	0.162	41.33211	-72.781
6472	6853	2484	42331844	4533556	16.344	1.75	41.38277	-72.7752
6473	24388	9586	56066604	714423	21.647	0.276	41.38133	-72.8563
6475	10242	5602	38963979	8877482	15.044	3.428	41.2999	-72.3827
6477	13956	5345	44498729	616364	17.181	0.238	41.28495	-73.0246
6478	12683	4746	84801350	1532834	32.742	0.592	41.444	-73.148
6479	10431	4248	19058824	89251	7.359	0.034	41.57475	-72.9119
6480	9508	4077	60476846	3895786	23.35	1.504	41.59883	-72.5891
6481	1277	543	4655719	43125	1.798	0.017	41.53652	-72.6982
6482	11557	4190	52710180	1862235	20.352	0.719	41.40816	-73.2425
6483	16540	6968	37600488	1190041	14.518	0.459	41.38513	-73.0835
6484	39559	16146	79320157	3307178	30.626	1.277	41.30452	-73.139
6488	19904	9091	1.01E+08	2789065	38.992	1.077	41.47686	-73.2301
6489	32067	12984	72031677	1803988	27.812	0.697	41.6144	-72.8696
6492	45241	18981	1.02E+08	2191161	39.547	0.846	41.46199	-72.8055
6498	6963	3953	40905418	4827136	15.794	1.864	41.3037	-72.478
6510	2737	1734	622905	0	0.241	0	41.30652	-72.926
6511	53600	23553	15355567	318598	5.929	0.123	41.31705	-72.9273
6512	29861	13136	27248328	5173981	10.521	1.998	41.27827	-72.8752
6513	38978	15846	18730722	1038752	7.232	0.401	41.31669	-72.8708
6514	26265	10864	29001567	456220	11.198	0.176	41.37579	-72.9434
6515	17141	6970	11810240	75119	4.56	0.029	41.32804	-72.9708
6516	55564	22446	27833855	3241760	10.747	1.252	41.27257	-72.965

6517	14853	6789	13173835	1139596	5.086	0.44	41.34921	-72.9072
6518	19848	7465	42445316	131889	16.388	0.051	41.43081	-72.912
6519	16428	6166	4325211	1446607	1.67	0.559	41.29393	-72.932
6524	5563	2044	54724417	996204	21.129	0.385	41.42296	-72.9942
6525	8990	3478	48722321	971941	18.812	0.375	41.36354	-73.0039
6604	30313	11945	8110911	4858978	3.132	1.876	41.18292	-73.208
6605	23397	9618	6068574	1022912	2.343	0.395	41.16209	-73.2177
6606	46236	17623	13703306	361561	5.291	0.14	41.21211	-73.2067
6607	7843	3309	3028009	2002443	1.169	0.773	41.17074	-73.168
6608	13671	5104	2675495	340160	1.033	0.131	41.18648	-73.1813
6610	22735	9405	7919728	132983	3.058	0.051	41.20928	-73.1646
6611	36091	13182	61965814	623554	23.925	0.241	41.26786	-73.2137
6612	7453	2700	69483622	3217796	26.828	1.242	41.26495	-73.3005
6614	32929	13418	28473756	1455195	10.994	0.562	41.23272	-73.1298
6615	18453	7671	16772820	4855281	6.476	1.875	41.17161	-73.1322
6702	3654	2046	1655860	54618	0.639	0.021	41.55646	-73.0459
6704	25139	10778	20658379	493049	7.976	0.19	41.58869	-73.0354
6705	27122	11721	14644888	49227	5.654	0.019	41.5471	-72.9927
6706	14324	5961	9614080	320865	3.712	0.124	41.53278	-73.0236
6708	29418	12911	24571529	178268	9.487	0.069	41.55087	-73.0687
6710	10715	4567	2554889	0	0.986	0	41.56915	-73.0458
6712	9376	3465	36814143	626714	14.214	0.242	41.49925	-72.9756
6716	16680	6276	52928424	1725754	20.436	0.666	41.59631	-72.9696
6750	1446	740	19273268	542618	7.441	0.21	41.72373	-73.2681
6751	3577	1564	49150811	740229	18.977	0.286	41.63577	-73.2114
6752	1735	884	43234760	2363938	16.693	0.913	41.52029	-73.3611
6754	1699	910	83823417	1383714	32.364	0.534	41.77543	-73.363
6755	1133	470	11675454	469706	4.508	0.181	41.65065	-73.4794
6756	2853	1602	93379523	3571626	36.054	1.379	41.84954	-73.234
6757	2258	1211	89081057	1625947	34.394	0.628	41.74142	-73.4578
6758	354	152	6814398	83802	2.631	0.032	41.67612	-73.2461
6759	5720	2766	1.3E+08	2243141	50.227	0.866	41.75364	-73.212
6762	7561	2887	45079835	1798741	17.405	0.694	41.53055	-73.1216
6763	2033	1153	38049169	3434017	14.691	1.326	41.69432	-73.21
6770	31975	13107	43313788	240921	16.724	0.093	41.48843	-73.0534
6776	26889	11198	1.44E+08	4375439	55.603	1.689	41.60132	-73.4228
6777	1733	1091	41187079	2712362	15.902	1.047	41.6913	-73.3344
6778	1378	547	18386793	91229	7.099	0.035	41.71349	-73.1119
6779	8324	3531	8276728	118087	3.196	0.046	41.59446	-73.0821
6782	2376	940	19499383	593523	7.529	0.229	41.65154	-73.0427
6783	2228	1152	66947807	143514	25.849	0.055	41.5555	-73.296
6784	3689	1884	60047482	4678883	23.184	1.807	41.57725	-73.4925
6785	686	434	34878327	1119822	13.467	0.432	41.69505	-73.4648
6786	9867	4169	37201523	556049	14.364	0.215	41.67273	-73.018
6787	7975	3309	31623842	612891	12.21	0.237	41.67108	-73.085
6790	36482	16819	1.08E+08	1504916	41.573	0.581	41.83426	-73.1315
6791	5666	2295	79921446	902024	30.858	0.348	41.76135	-73.0604

6793	1140	701	36639484	121343	14.147	0.047	41.6337	-73.2889
6794	1065	634	35185807	0	13.585	0	41.64945	-73.3236
6795	14144	5552	67869352	1194612	26.205	0.461	41.62223	-73.1261
6796	1009	749	96213920	292027	37.148	0.113	41.86602	-73.3421
6798	9984	4569	94276358	632871	36.4	0.244	41.56163	-73.2061
6801	18581	7306	43733115	100805	16.885	0.039	41.36978	-73.3895
6804	16466	6569	51233125	1543913	19.781	0.596	41.46989	-73.3937
6807	7150	2866	8132945	345444	3.14	0.133	41.05673	-73.592
6810	49482	19188	53579379	702851	20.687	0.271	41.37428	-73.4576
6811	31400	11963	54906534	5126518	21.2	1.979	41.42259	-73.4784
6812	13881	5593	52944492	12204578	20.442	4.712	41.48208	-73.4876
6820	20732	7074	32777323	5998611	12.655	2.316	41.0762	-73.4801
6824	33900	12108	52148067	3345678	20.134	1.292	41.17304	-73.2808
6825	21123	7780	17422786	95744	6.727	0.037	41.19658	-73.2433
6830	24027	10997	35062121	12544046	13.538	4.843	41.03761	-73.6243
6831	14792	6217	71259445	1389214	27.513	0.536	41.08872	-73.6588
6840	19738	7551	57484075	851634	22.195	0.329	41.16105	-73.5012
6850	18078	7537	17353042	225748	6.7	0.087	41.12668	-73.4475
6851	26703	11198	19762489	157816	7.63	0.061	41.13823	-73.4015
6853	3646	1554	3101447	1057600	1.197	0.408	41.0661	-73.438
6854	29100	11566	12646839	6420038	4.883	2.479	41.08391	-73.4266
6855	7892	3453	6160437	6891287	2.379	2.661	41.08449	-73.3958
6856	3	0	9568	0	0.004	0	41.11122	-73.4209
6870	7316	2802	5918751	3865378	2.285	1.492	41.02272	-73.5706
6877	24677	9435	89603102	1320465	34.596	0.51	41.30625	-73.501
6878	8043	2818	6202728	2096487	2.395	0.809	41.03009	-73.5837
6880	26647	10535	52109815	15235489	20.12	5.882	41.13324	-73.3479
6883	10179	3674	51278336	2266804	19.799	0.875	41.2281	-73.3668
6890	4306	1731	7495638	385627	2.894	0.149	41.14854	-73.2878
6896	9110	3793	81363238	1432253	31.415	0.553	41.30542	-73.3926
6897	18071	6478	69435124	1276093	26.809	0.493	41.20653	-73.4376
6901	6828	4396	1204494	0	0.465	0	41.05361	-73.5381
6902	63406	25273	26362119	6129760	10.178	2.367	41.05935	-73.5443
6903	14499	5275	45312156	1983315	17.495	0.766	41.13602	-73.5711
6905	19649	8097	12864711	25391	4.967	0.01	41.08829	-73.5427
6906	9088	3740	3131658	0	1.209	0	41.07102	-73.5226
6907	9016	3723	5372803	41550	2.074	0.016	41.10092	-73.5205
7001	16305	5076	9794911	51030	3.782	0.02	40.58232	-74.2715
7002	63031	27802	15113912	2095659	5.836	0.809	40.66241	-74.1102
7003	47312	19468	13695411	63006	5.288	0.024	40.80913	-74.1872
7004	7440	2715	26640205	425766	10.286	0.164	40.88251	-74.3046
7005	15269	5989	48732295	4331798	18.816	1.673	40.93277	-74.4173
7006	24812	9664	23950198	53397	9.247	0.021	40.85119	-74.2829
7008	22844	8148	11525414	1508534	4.45	0.582	40.58379	-74.2275
7009	12411	4661	11013616	325963	4.252	0.126	40.85802	-74.2298
7010	23594	10665	2493329	0	0.963	0	40.82208	-73.9878
7011	39710	13586	8613470	223925	3.326	0.086	40.87826	-74.1441

7012	11703	5071	5430085	1698	2.097	0.001	40.8484	-74.1603
7013	27051	11099	11276297	13238	4.354	0.005	40.86941	-74.1731
7014	5184	1983	3572230	116010	1.379	0.045	40.83135	-74.1354
7016	22625	8816	12508666	100262	4.83	0.039	40.65639	-74.3048
7017	35945	15884	5815629	0	2.245	0	40.77209	-74.2072
7018	28322	12909	4382846	0	1.692	0	40.75589	-74.218
7020	11513	6282	2421904	3849918	0.935	1.486	40.8238	-73.9742
7021	2091	755	3644244	15289	1.407	0.006	40.82813	-74.2762
7022	13835	5150	2182004	2824	0.842	0.001	40.82105	-74.0031
7023	7318	2686	3475081	0	1.342	0	40.6417	-74.3857
7024	35353	17815	6603744	897562	2.55	0.347	40.85064	-73.971
7026	30555	11814	5637477	164263	2.177	0.063	40.8798	-74.1083
7027	4226	1870	1720229	0	0.664	0	40.65125	-74.3231
7028	7618	2575	3351653	12131	1.294	0.005	40.8048	-74.2046
7029	16026	6022	3381221	354047	1.305	0.137	40.7436	-74.1549
7030	50005	26855	3272739	0	1.264	0	40.74527	-74.032
7031	15392	6573	6632772	159950	2.561	0.062	40.78626	-74.1262
7032	40684	14180	22726429	3005574	8.775	1.16	40.75372	-74.1209
7033	7914	2924	5587721	10391	2.157	0.004	40.67742	-74.2893
7034	9360	3768	3239344	66322	1.251	0.026	40.87948	-74.3801
7035	10607	4176	17395183	1373187	6.716	0.53	40.9275	-74.3083
7036	41970	16586	28106043	1897016	10.852	0.732	40.62523	-74.2378
7039	29358	10280	35748751	811813	13.803	0.313	40.78583	-74.3291
7040	23876	8614	9025256	5604	3.485	0.002	40.73079	-74.2689
7041	6868	2772	3414087	5291	1.318	0.002	40.72245	-74.3015
7042	25599	11372	9778598	16089	3.776	0.006	40.81349	-74.219
7043	12138	4517	6729684	1990	2.598	0.001	40.84484	-74.2005
7044	13584	5688	7193907	54374	2.778	0.021	40.83401	-74.2429
7045	10127	3807	18261568	831913	7.051	0.321	40.9121	-74.3688
7046	4194	1375	6814040	697636	2.631	0.269	40.88973	-74.4403
7047	60773	23912	13296275	447678	5.134	0.173	40.79418	-74.025
7050	30074	12204	5684386	5154	2.195	0.002	40.76804	-74.2357
7052	46182	17605	31223591	324329	12.055	0.125	40.78575	-74.2651
7054	29305	11742	35543799	1717266	13.724	0.663	40.85491	-74.4035
7055	69816	20449	8134406	252809	3.141	0.098	40.85641	-74.1269
7057	11335	4946	2546494	132190	0.983	0.051	40.85308	-74.1063
7058	5372	1996	7590037	288985	2.931	0.112	40.87251	-74.3418
7059	15311	5258	50678074	199287	19.567	0.077	40.63459	-74.519
7060	44998	15499	13132829	39738	5.071	0.015	40.61667	-74.422
7062	12949	4701	4797686	9135	1.852	0.004	40.63236	-74.4012
7063	13538	4157	4716093	10995	1.821	0.004	40.60512	-74.4445
7064	3723	1338	3570249	219774	1.378	0.085	40.57331	-74.2456
7065	27346	11300	10093781	339813	3.897	0.131	40.60715	-74.2805
7066	14756	5751	11140723	499472	4.301	0.193	40.62062	-74.3154
7067	18036	6398	10347270	10930	3.995	0.004	40.58925	-74.3113
7068	5819	2432	9165263	53684	3.539	0.021	40.81986	-74.3102
7069	6157	2378	16402236	71737	6.333	0.028	40.64285	-74.4362

7070	18061	7278	7266584	351535	2.806	0.136	40.82031	-74.106
7071	20554	8787	11805644	870175	4.558	0.336	40.798	-74.1133
7072	6127	2495	10357741	631509	3.999	0.244	40.82642	-74.0623
7073	8913	4018	9605612	888831	3.709	0.343	40.8171	-74.085
7074	2708	1053	3249396	27443	1.255	0.011	40.83813	-74.0553
7075	7626	3051	2841244	303	1.097	0	40.85018	-74.0871
7076	23480	8876	23305093	81901	8.998	0.032	40.63303	-74.3729
7077	2766	1048	4014223	1595726	1.55	0.616	40.55415	-74.2531
7078	13250	4325	16756280	1394978	6.47	0.539	40.74235	-74.3342
7079	16316	5846	7403984	6077	2.859	0.002	40.74881	-74.2615
7080	23377	8090	21495495	86837	8.299	0.034	40.57441	-74.4148
7081	15808	6732	13394699	49191	5.172	0.019	40.6979	-74.3345
7082	5384	1803	15643892	188641	6.04	0.073	40.92691	-74.3425
7083	53053	18938	22399550	54510	8.649	0.021	40.69527	-74.2691
7086	12554	6213	2092654	64162	0.808	0.025	40.76783	-74.0208
7087	66515	24962	3336518	0	1.288	0	40.76737	-74.0323
7088	3606	1321	1100952	0	0.425	0	40.71793	-74.2862
7090	30338	10961	17414692	62226	6.724	0.024	40.65164	-74.3434
7092	6730	2576	10421643	107234	4.024	0.041	40.68072	-74.3603
7093	60884	24857	3116005	0	1.203	0	40.78808	-74.0114
7094	16264	6846	15078302	2012171	5.822	0.777	40.78196	-74.0676
7095	19844	7988	10681463	48681	4.124	0.019	40.55284	-74.2869
7102	12579	5271	3041645	55104	1.174	0.021	40.73566	-74.1736
7103	32698	12769	5511772	0	2.128	0	40.73873	-74.1956
7104	50478	19373	6563525	308156	2.534	0.119	40.76791	-74.1684
7105	46983	17401	12014618	1559878	4.639	0.602	40.72307	-74.1386
7106	31298	13375	3679291	0	1.421	0	40.7418	-74.2303
7107	37650	14692	4289946	22300	1.656	0.009	40.76292	-74.1866
7108	24386	10341	3550737	0	1.371	0	40.72312	-74.2002
7109	35897	14267	8665290	153563	3.346	0.059	40.79552	-74.1619
7110	28351	11771	8768281	113632	3.385	0.044	40.82057	-74.1561
7111	53942	23203	7584764	5417	2.928	0.002	40.72386	-74.2325
7112	26417	11644	4720720	0	1.823	0	40.70937	-74.2096
7114	14748	4756	19288215	3027438	7.447	1.169	40.69736	-74.1701
7201	26263	9337	17211051	976170	6.645	0.377	40.68897	-74.1654
7202	40849	14928	6007084	272749	2.319	0.105	40.65242	-74.2168
7203	21085	7939	6866107	32524	2.651	0.013	40.65221	-74.2602
7204	13297	5231	3190959	0	1.232	0	40.66527	-74.2667
7205	21398	7531	7118385	27726	2.748	0.011	40.69589	-74.2288
7206	26636	9048	4134749	1706712	1.596	0.659	40.65165	-74.1838
7208	31219	12203	4554324	10790	1.758	0.004	40.67383	-74.2264
7302	36352	20752	3810135	168718	1.471	0.065	40.71939	-74.0465
7304	41233	16954	4856104	42037	1.875	0.016	40.7165	-74.0726
7305	60104	24433	15035949	845965	5.805	0.327	40.6973	-74.0823
7306	52669	22373	7048828	494069	2.722	0.191	40.73492	-74.0719
7307	43812	17473	5801303	83399	2.24	0.032	40.75088	-74.0569
7310	12838	6379	1592482	87137	0.615	0.034	40.73013	-74.0369

7311	522	322	75303	0	0.029	0	40.72022	-74.0327
7401	6494	2385	8006483	55929	3.091	0.022	41.03267	-74.1338
7403	7603	3063	16453615	1108324	6.353	0.428	41.02092	-74.3329
7405	17701	6738	50988924	3243014	19.687	1.252	40.98467	-74.3808
7407	19403	7385	6857840	285067	2.648	0.11	40.90453	-74.1195
7410	32457	12266	13310754	161293	5.139	0.062	40.93583	-74.1175
7416	5781	2522	24283452	702301	9.376	0.271	41.11256	-74.5997
7417	10580	3689	24284689	1214467	9.376	0.469	41.00753	-74.2057
7418	2249	770	12130084	135807	4.683	0.052	41.24217	-74.486
7419	9160	4133	40500769	399682	15.637	0.154	41.15369	-74.5685
7420	4942	1649	6449158	1535446	2.49	0.593	41.03231	-74.3021
7421	7439	3204	67433981	5396814	26.036	2.084	41.174	-74.3525
7422	6616	2937	31762600	2983914	12.264	1.152	41.18403	-74.4399
7423	4078	1462	4493814	36349	1.735	0.014	40.99949	-74.0966
7424	26222	9750	14746042	584557	5.693	0.226	40.88245	-74.2058
7430	25890	9868	66496320	1290236	25.674	0.498	41.08316	-74.1859
7432	7128	2861	4028084	21025	1.555	0.008	40.99581	-74.1413
7435	2405	1170	38702857	5441469	14.943	2.101	41.03553	-74.4491
7436	12754	4470	21896569	708648	8.454	0.274	41.02998	-74.2438
7438	11559	4386	71064455	4856215	27.438	1.875	41.02813	-74.5189
7439	2456	922	6289402	117754	2.428	0.045	41.07961	-74.6008
7440	4494	1677	4013388	548833	1.55	0.212	40.94647	-74.293
7442	11097	4341	7545280	721295	2.913	0.278	41.0031	-74.2855
7444	11046	5117	13465111	547412	5.199	0.211	40.96741	-74.307
7446	14484	5553	14293358	183104	5.519	0.071	41.05914	-74.1459
7450	24985	8752	14919300	171515	5.76	0.066	40.98159	-74.1135
7452	11601	4016	7028152	63232	2.714	0.024	40.95947	-74.1252
7456	12211	4324	65269407	7670676	25.201	2.962	41.10233	-74.2732
7457	3559	1657	5217957	185213	2.015	0.072	40.9955	-74.3156
7458	11360	4117	26378884	197352	10.185	0.076	41.04665	-74.0965
7460	3457	1422	87003106	4366094	33.592	1.686	41.11181	-74.4951
7461	19563	8297	2.18E+08	2786114	84.158	1.076	41.24627	-74.6104
7462	6885	3356	43655995	475786	16.856	0.184	41.19846	-74.4956
7463	9615	3533	5343412	51283	2.063	0.02	41.01362	-74.1259
7465	6244	2568	20386883	1796416	7.871	0.694	41.05486	-74.3328
7470	54717	19768	61587257	3746198	23.779	1.446	40.94586	-74.2451
7480	16122	6392	86535123	3515760	33.411	1.357	41.08826	-74.3764
7481	16716	5834	16974334	156019	6.554	0.06	40.99909	-74.1688
7495	0	0	65971	0	0.025	0	41.10389	-74.1644
7501	33543	11476	4781540	103494	1.846	0.04	40.912	-74.171
7502	15406	4655	2356754	92148	0.91	0.036	40.91857	-74.1941
7503	18723	6030	4012727	62315	1.549	0.024	40.89755	-74.1541
7504	12882	3993	2143575	81399	0.828	0.031	40.91255	-74.1416
7505	2256	903	514084	0	0.198	0	40.91634	-74.1716
7506	18791	7756	8634566	78862	3.334	0.03	40.95696	-74.1586
7508	22600	8076	13168657	125096	5.084	0.048	40.95507	-74.1836
7512	10804	3918	10213322	183463	3.943	0.071	40.90342	-74.2198

7513	11508	3250	1532154	18369	0.592	0.007	40.90618	-74.1487
7514	18289	6525	2409689	120993	0.93	0.047	40.92699	-74.1438
7522	20883	6973	2125291	116763	0.821	0.045	40.92496	-74.1791
7524	12709	4141	1953307	119376	0.754	0.046	40.93171	-74.1569
7601	43010	19375	10842269	432604	4.186	0.167	40.8894	-74.0457
7603	8187	2888	1981232	124911	0.765	0.048	40.87429	-74.0297
7604	11842	4627	3961754	10295	1.53	0.004	40.86275	-74.0752
7605	8950	3437	3991701	256514	1.541	0.099	40.86339	-73.9885
7606	2310	853	1658573	53078	0.64	0.02	40.85848	-74.0485
7607	9555	3769	3289353	3739	1.27	0.001	40.90289	-74.0635
7608	67	27	3997358	7922	1.543	0.003	40.853	-74.0604
7620	1849	670	16603688	7306680	6.411	2.821	40.96815	-73.9172
7621	26761	9201	7248098	21497	2.799	0.008	40.92233	-73.998
7624	8373	2860	8195853	339397	3.164	0.131	40.97289	-73.9603
7626	8537	3103	5325171	26604	2.056	0.01	40.93979	-73.9586
7627	4881	1659	5352683	29378	2.067	0.011	40.95458	-73.9566
7628	17433	6528	5125262	7149	1.979	0.003	40.94524	-73.9924
7630	7379	2545	5699340	507127	2.201	0.196	40.97499	-74.0232
7631	27119	10679	12716501	59636	4.91	0.023	40.8912	-73.9725
7632	5309	1940	5420585	3212569	2.093	1.24	40.88968	-73.942
7640	4664	1624	4744679	588648	1.832	0.227	40.99168	-73.9802
7641	3382	1136	5036532	1065005	1.945	0.411	40.96171	-73.9974
7642	10207	3560	7623845	19897	2.944	0.008	41.00713	-74.0451
7643	10626	4439	3822333	586726	1.476	0.227	40.84433	-74.0362
7644	24136	10127	5907712	52812	2.281	0.02	40.87792	-74.0825
7645	7832	2867	10332617	23759	3.989	0.009	41.05459	-74.0473
7646	16341	6362	5889657	87847	2.274	0.034	40.93416	-74.0195
7647	5152	1713	5854388	25948	2.26	0.01	41.00636	-73.9428
7648	5730	2015	7074820	17107	2.732	0.007	40.99225	-73.9509
7649	7978	2831	6277728	395033	2.424	0.153	40.95665	-74.0329
7650	19601	7356	3203430	63688	1.237	0.025	40.84702	-73.9971
7652	26342	8915	27117162	128793	10.47	0.05	40.94731	-74.071
7656	8669	3440	6727780	53555	2.598	0.021	41.0363	-74.0436
7657	11032	4145	6608347	785537	2.551	0.303	40.83234	-74.0151
7660	12729	5164	4463833	506724	1.723	0.196	40.85471	-74.0199
7661	11340	4261	4785271	104542	1.848	0.04	40.92735	-74.0396
7662	5530	2170	2695378	55822	1.041	0.022	40.91069	-74.0829
7663	13659	5485	6963701	70601	2.689	0.027	40.90298	-74.1011
7666	39776	14024	15556670	570156	6.006	0.22	40.89032	-74.0115
7670	14573	5004	12147715	1513107	4.69	0.584	40.91831	-73.9505
7675	26339	10159	24893190	3049131	9.611	1.177	41.00351	-74.0018
7676	9075	3332	7512741	130317	2.901	0.05	40.98831	-74.0647
7677	5730	1980	8819278	519417	3.405	0.201	41.02598	-74.0611
7701	23813	10272	24018553	3641137	9.274	1.406	40.36167	-74.0781
7702	3809	1310	5614073	82604	2.168	0.032	40.32606	-74.0597
7703	690	227	2244870	118588	0.867	0.046	40.31578	-74.0398
7704	6133	2070	4164495	1333656	1.608	0.515	40.36194	-74.0388

7711	1533	881	2137061	246466	0.825	0.095	40.23853	-74.008
7712	39158	17995	30758006	938489	11.876	0.362	40.24971	-74.0537
7716	8574	3793	12762343	242649	4.928	0.094	40.40109	-74.033
7717	1901	1321	1104171	298376	0.426	0.115	40.19142	-74.0151
7718	6263	2237	5523257	97675	2.133	0.038	40.42038	-74.0854
7719	21538	10848	33758230	2451834	13.034	0.947	40.16891	-74.0732
7720	4298	3180	1584909	54490	0.612	0.021	40.2016	-74.0121
7721	2974	1128	2380649	9016	0.919	0.003	40.43652	-74.2347
7722	10209	3771	95081135	2798574	36.711	1.081	40.28589	-74.1716
7723	1020	1173	4219425	203270	1.629	0.078	40.2497	-73.9975
7724	21710	9534	32117060	299106	12.4	0.115	40.29863	-74.0742
7726	42508	15238	83798869	656464	32.355	0.253	40.28235	-74.3466
7727	7050	2704	56950928	629909	21.989	0.243	40.2044	-74.1492
7728	56257	20719	1.26E+08	768913	48.564	0.297	40.22579	-74.2858
7730	17396	6192	12674361	178566	4.894	0.069	40.4255	-74.1761
7731	38304	12897	86812238	1052081	33.518	0.406	40.14932	-74.2042
7732	5189	3243	10028061	5589242	3.872	2.158	40.43047	-73.9904
7733	16849	5877	46425227	565914	17.925	0.219	40.37496	-74.1738
7734	13269	5578	4590911	1124925	1.773	0.434	40.44415	-74.1368
7735	19569	7762	13263490	625316	5.121	0.241	40.45011	-74.1723
7737	4264	1551	6686724	21499	2.582	0.008	40.41237	-74.0658
7738	6095	2146	13721357	560723	5.298	0.216	40.33791	-74.1271
7739	5938	2273	6985397	1572690	2.697	0.607	40.33695	-74.0345
7740	31038	14295	14069913	2613624	5.432	1.009	40.29537	-73.9899
7746	18666	6262	33797367	164981	13.049	0.064	40.31773	-74.2483
7747	30770	12027	32585573	829514	12.581	0.32	40.41533	-74.2539
7748	28030	10052	34649600	98173	13.378	0.038	40.3963	-74.1153
7750	3279	1981	2784894	2574007	1.075	0.994	40.3359	-73.9856
7751	19736	6318	41784726	108802	16.133	0.042	40.36188	-74.263
7753	37554	16847	47387500	1725436	18.296	0.666	40.21676	-74.0818
7755	6363	2508	7373964	10424	2.847	0.004	40.26364	-74.0229
7756	3342	3132	963903	144722	0.372	0.056	40.21182	-74.0069
7757	5356	2163	6441254	1483596	2.487	0.573	40.31631	-74.0159
7758	4967	1842	3940531	92708	1.521	0.036	40.43068	-74.1033
7760	9283	4104	19625299	8823239	7.577	3.407	40.36955	-74.0024
7762	8403	5480	7261344	1099058	2.804	0.424	40.15291	-74.0339
7764	8097	2528	7402799	92919	2.858	0.036	40.2879	-74.02
7801	25386	8495	25380427	870972	9.799	0.336	40.91869	-74.5536
7803	3651	1380	7616187	233614	2.941	0.09	40.87818	-74.6008
7820	39	17	6222653	10595	2.403	0.004	40.93074	-74.812
7821	9193	3731	1.12E+08	3850185	43.269	1.487	40.96594	-74.7544
7822	887	312	17185413	43243	6.635	0.017	41.13951	-74.7086
7823	7571	3543	65483140	1207300	25.283	0.466	40.82945	-75.0395
7825	9555	3672	2.01E+08	4871361	77.56	1.881	40.97125	-74.9757
7826	6180	2892	1.35E+08	3409919	52.113	1.317	41.1932	-74.7782
7827	4244	1975	1.28E+08	3712647	49.491	1.433	41.28086	-74.7304
7828	14150	5918	36785351	3870058	14.203	1.494	40.88394	-74.7503

7830	6503	2473	62092441	366290	23.974	0.141	40.71928	-74.794
7832	3903	1533	1.21E+08	3720068	46.694	1.436	40.96213	-75.0537
7833	157	74	1151923	131339	0.445	0.051	40.89256	-75.0693
7834	17722	7170	31766082	2207257	12.265	0.852	40.88725	-74.4905
7836	12568	4779	41357794	317157	15.968	0.122	40.8431	-74.7107
7838	3568	1343	64434144	607393	24.878	0.235	40.88791	-74.9116
7840	29849	12373	90521733	1036674	34.951	0.4	40.85373	-74.8358
7842	130	57	3389600	235687	1.309	0.091	40.94212	-74.5122
7843	12241	5053	10441619	2629534	4.032	1.015	40.93924	-74.6595
7846	89	40	355296	0	0.137	0	40.96594	-74.8771
7847	1670	655	5564466	456904	2.148	0.176	40.88935	-74.6239
7848	5026	1757	61403001	364299	23.708	0.141	41.10389	-74.687
7849	9054	3831	19172107	5168057	7.402	1.995	40.97053	-74.6083
7850	6436	2475	8346083	1201361	3.222	0.464	40.90686	-74.662
7851	119	68	17283296	884860	6.673	0.342	41.23144	-74.8468
7852	3609	1422	7769633	143304	3	0.055	40.88327	-74.668
7853	13325	4460	87920144	702393	33.946	0.271	40.78076	-74.7892
7856	3944	2119	9086123	2122657	3.508	0.82	40.91578	-74.6267
7857	3244	1451	2816213	207629	1.087	0.08	40.89676	-74.7003
7860	26288	10994	2.61E+08	9631947	100.641	3.719	41.05655	-74.8191
7863	4332	1669	61421735	463770	23.715	0.179	40.80814	-74.9579
7865	2189	889	35192330	341052	13.588	0.132	40.79381	-74.8983
7866	22098	8525	57415649	5973390	22.168	2.306	40.95492	-74.489
7869	25291	9247	51999740	574984	20.077	0.222	40.84169	-74.5783
7870	26	13	601577	0	0.232	0	40.80398	-74.8197
7871	21165	7960	98195349	5377533	37.913	2.076	41.05235	-74.6279
7874	8905	3347	32777404	2232699	12.655	0.862	40.92306	-74.7358
7876	10619	3718	14783855	405957	5.708	0.157	40.8547	-74.6561
7878	934	389	707543	4231	0.273	0.002	40.87301	-74.4738
7880	192	66	569117	8405	0.22	0.003	40.87145	-74.8889
7881	16	15	62289466	1689165	24.05	0.652	41.11863	-74.894
7882	14492	5936	81701109	372944	31.545	0.144	40.75264	-75.0138
7885	10078	3983	38943107	1871402	15.036	0.723	40.91051	-74.5999
7901	22806	8761	16392286	133290	6.329	0.051	40.71492	-74.3664
7920	26747	10254	60221229	455917	23.252	0.176	40.67899	-74.5641
7921	7621	4141	49423784	501536	19.083	0.194	40.65602	-74.6787
7922	12246	4266	14319069	141168	5.529	0.055	40.67639	-74.425
7924	7534	2801	31316178	188319	12.091	0.073	40.73039	-74.5926
7926	120	38	685287	773	0.265	0	40.80126	-74.5701
7927	3403	1446	4993443	51092	1.928	0.02	40.82186	-74.4543
7928	19144	7229	22371622	828724	8.638	0.32	40.72599	-74.4126
7930	8559	3022	66243107	172982	25.577	0.067	40.7812	-74.6839
7931	3296	1226	53454883	404117	20.639	0.156	40.68143	-74.6165
7932	9868	4164	17543525	636196	6.774	0.246	40.77724	-74.3929
7933	3251	1239	12881363	416409	4.974	0.161	40.69832	-74.4621
7934	1501	593	9510008	14294	3.672	0.006	40.72262	-74.6756
7935	313	139	5916204	288719	2.284	0.111	40.736	-74.4459

7936	11157	3976	20441016	632842	7.892	0.244	40.81855	-74.3637
7939	228	1	1063713	0	0.411	0	40.66738	-74.5539
7940	17278	5805	12049120	52176	4.652	0.02	40.76055	-74.4274
7945	9539	3333	48513732	767787	18.731	0.296	40.78195	-74.5995
7946	3144	1089	10776560	239544	4.161	0.092	40.67771	-74.5085
7950	19564	7681	23498102	296980	9.073	0.115	40.84603	-74.4823
7960	43747	17730	90676124	952084	35.01	0.368	40.7842	-74.5
7961	4	0	105678	0	0.041	0	40.78062	-74.4327
7970	117	46	631520	1014	0.244	0	40.8079	-74.5728
7974	11768	4300	10337640	64599	3.991	0.025	40.69691	-74.4039
7976	754	333	18099984	1027848	6.988	0.397	40.72806	-74.4793
7977	669	264	3845026	3492	1.485	0.001	40.70519	-74.6701
7979	589	194	6200973	93094	2.394	0.036	40.70298	-74.725
7980	2307	898	7035539	82652	2.716	0.032	40.68042	-74.4889
7981	8865	3580	17468281	393957	6.745	0.152	40.82039	-74.4225
8001	844	317	6317687	175276	2.439	0.068	39.54788	-75.3464
8002	22274	9644	18604377	328401	7.183	0.127	39.93198	-75.0276
8003	30629	11306	28689176	39227	11.077	0.015	39.8827	-74.972
8004	12350	4389	32322296	267333	12.48	0.103	39.76475	-74.8706
8005	22448	9866	1.23E+08	3360633	47.36	1.298	39.76773	-74.3126
8006	518	1164	1677227	1752978	0.648	0.677	39.75276	-74.1062
8007	5250	2353	3351826	0	1.294	0	39.86583	-75.0538
8008	6975	17855	28189743	70838887	10.884	27.351	39.5426	-74.2982
8009	12854	5019	35441870	481295	13.684	0.186	39.76066	-74.9329
8010	11539	5046	9919487	1374151	3.83	0.531	40.05336	-74.9184
8011	33	15	366714	0	0.142	0	39.97276	-74.7131
8012	38992	15639	38700797	546597	14.942	0.211	39.78382	-75.0561
8014	504	222	7523384	6235619	2.905	2.408	39.81735	-75.3495
8015	20763	8007	1.24E+08	3332400	47.707	1.287	39.93209	-74.5454
8016	33540	12681	58939938	3372991	22.757	1.302	40.06952	-74.8242
8019	925	341	1.55E+08	4797324	59.957	1.852	39.77729	-74.5342
8020	2201	839	11218044	341931	4.331	0.132	39.79156	-75.2241
8021	44833	19762	33648544	508394	12.992	0.196	39.80619	-75.0002
8022	8783	3572	56960748	203595	21.993	0.079	40.06759	-74.7057
8023	451	208	2566558	138185	0.991	0.053	39.6867	-75.4963
8026	2274	809	5652715	100978	2.183	0.039	39.83287	-74.9672
8027	4888	2042	19159930	7624605	7.398	2.944	39.83318	-75.2903
8028	20078	7121	39670546	208893	15.317	0.081	39.69586	-75.1214
8029	4784	1983	2681285	27864	1.035	0.011	39.84094	-75.0672
8030	13410	5517	6915677	1186795	2.67	0.458	39.8889	-75.1181
8031	11584	4884	7837168	347445	3.026	0.134	39.86636	-75.0947
8033	16261	6830	10110134	138247	3.904	0.053	39.89242	-75.0367
8034	18151	7506	15390120	14112	5.942	0.005	39.90653	-75.0002
8035	7566	3198	4085674	13573	1.577	0.005	39.87913	-75.0659
8036	5917	2227	15851696	668352	6.12	0.258	39.97057	-74.8322
8037	24308	9214	3.03E+08	4219339	116.838	1.629	39.64037	-74.7653
8038	124	61	44866618	9711220	17.323	3.75	39.47	-75.4903

8039	137	54	2662930	4057	1.028	0.002	39.68563	-75.2774
8041	1002	350	29504687	28973	11.392	0.011	40.03907	-74.6787
8042	203	64	1722513	0	0.665	0	40.01539	-74.6623
8043	29131	12260	29764464	392424	11.492	0.152	39.84854	-74.9535
8045	2909	1158	3351005	0	1.294	0	39.86711	-75.0297
8046	31587	11424	19032037	663509	7.348	0.256	40.02795	-74.887
8048	12495	4747	34149357	342997	13.185	0.132	39.95886	-74.8025
8049	5350	2219	3234818	0	1.249	0	39.85439	-75.0385
8050	24285	12729	78847087	18080855	30.443	6.981	39.71364	-74.2313
8051	10758	4657	9732426	60670	3.758	0.023	39.78655	-75.1758
8052	19172	9201	9915259	3021	3.828	0.001	39.95238	-74.9949
8053	45538	18303	75844617	1097432	29.284	0.424	39.85668	-74.9008
8054	41864	18249	56191082	722377	21.695	0.279	39.94899	-74.9002
8055	27179	10195	1.04E+08	2951044	40.082	1.139	39.86256	-74.8215
8056	4736	1620	23657069	168933	9.134	0.065	39.78367	-75.2553
8057	21090	7983	39430476	582803	15.224	0.225	39.97966	-74.9413
8059	5612	2371	3118604	134243	1.204	0.052	39.88442	-75.0923
8060	24713	9596	57466667	835410	22.188	0.323	40.00774	-74.7901
8061	2672	964	3634809	743194	1.403	0.287	39.79887	-75.2054
8062	15756	5265	79207060	355172	30.582	0.137	39.71607	-75.2192
8063	3102	1181	2645784	1160718	1.022	0.448	39.8673	-75.1856
8064	311	65	3301474	60577	1.275	0.023	39.96278	-74.6408
8065	7398	3392	4831117	1863605	1.865	0.72	40.00262	-75.0353
8066	8437	3863	12775681	2449818	4.933	0.946	39.83433	-75.2284
8067	1635	648	49565011	2389260	19.137	0.922	39.73989	-75.4117
8068	6727	2750	60305720	631261	23.284	0.244	39.96143	-74.6658
8069	13076	5439	43614084	2164629	16.839	0.836	39.69926	-75.4452
8070	13059	5768	53122392	8457928	20.511	3.266	39.61911	-75.5122
8071	9551	3923	8536951	130105	3.296	0.05	39.73189	-75.1335
8072	225	86	590195	40497	0.228	0.016	39.54431	-75.4187
8073	203	81	247543	0	0.096	0	40.00954	-74.8668
8074	58	30	886988	1625	0.342	0.001	39.71617	-75.1634
8075	28894	11321	25644196	4490811	9.901	1.734	40.02959	-74.9489
8077	18307	6855	21139320	2132251	8.162	0.823	40.00016	-74.9916
8078	8385	3512	5231250	150304	2.02	0.058	39.85174	-75.0748
8079	10987	5118	2.36E+08	23276787	91.041	8.987	39.54241	-75.4317
8080	37433	13512	74779995	436731	28.873	0.169	39.75829	-75.1172
8081	50589	17805	69215174	665292	26.724	0.257	39.73356	-74.9768
8083	9455	3751	6474425	30840	2.5	0.012	39.84127	-75.0286
8084	7040	2761	4010049	0	1.548	0	39.82896	-75.0155
8085	18737	6374	1.2E+08	7963933	46.16	3.075	39.76113	-75.3241
8086	7699	3527	18963882	4096702	7.322	1.582	39.85468	-75.1987
8087	24104	12509	1.29E+08	17750890	49.972	6.854	39.59604	-74.3806
8088	24664	9813	3.58E+08	4705178	138.069	1.817	39.85147	-74.6934
8089	4253	1597	49562598	197049	19.136	0.076	39.7178	-74.8266
8090	8358	3113	6638153	96833	2.563	0.037	39.79908	-75.1507
8091	5357	2069	8370628	15365	3.232	0.006	39.80712	-74.9242

8092	3673	1569	59779399	7530766	23.081	2.908	39.65158	-74.2811
8093	9741	4180	12056202	2318144	4.655	0.895	39.86464	-75.1375
8094	39940	14800	1.37E+08	2490425	52.717	0.962	39.65059	-74.9593
8095	236	91	5245062	105618	2.025	0.041	39.64818	-74.8611
8096	36116	14892	39130072	862862	15.108	0.333	39.82685	-75.1267
8097	3293	1217	3566732	24084	1.377	0.009	39.81338	-75.1506
8098	9090	3582	1.46E+08	1310551	56.365	0.506	39.63954	-75.3298
8102	7565	2824	2464398	925092	0.952	0.357	39.95256	-75.121
8103	15190	5865	5587450	1129664	2.157	0.436	39.93583	-75.1139
8104	23851	9786	8025452	1168622	3.099	0.451	39.91644	-75.1132
8105	29077	9392	6724051	482624	2.596	0.186	39.95183	-75.0915
8106	9874	4289	4254576	67808	1.643	0.026	39.89099	-75.0733
8107	13675	6188	4626019	333271	1.786	0.129	39.90785	-75.0836
8108	18045	8200	7070556	278621	2.73	0.108	39.91467	-75.0609
8109	22407	9048	12601071	336031	4.865	0.13	39.95129	-75.0501
8110	19008	6429	16614191	3998583	6.415	1.544	39.97189	-75.0579
8201	10007	4091	14598870	4913462	5.637	1.897	39.42356	-74.493
8202	1444	5618	16153043	11237175	6.237	4.339	39.09527	-74.7314
8203	9454	9226	16717729	17850937	6.455	6.892	39.42563	-74.3929
8204	18557	12849	52504364	8726051	20.272	3.369	38.97109	-74.921
8205	28626	11394	1.1E+08	24289222	42.405	9.378	39.482	-74.4526
8210	17167	7682	1.78E+08	18860535	68.832	7.282	39.12167	-74.8343
8212	294	617	2159187	2148604	0.834	0.83	38.93345	-74.9539
8215	13442	5624	3E+08	9282280	115.85	3.584	39.58651	-74.5637
8217	70	17	119929	0	0.046	0	39.57419	-74.7199
8221	7092	2798	10091284	978334	3.896	0.378	39.34372	-74.571
8223	4125	2419	33519969	7185446	12.942	2.774	39.27875	-74.6557
8224	573	224	12211249	381773	4.715	0.147	39.60188	-74.4674
8225	8659	3322	16144085	4077007	6.233	1.574	39.36267	-74.5309
8226	11701	20871	16401788	16831782	6.333	6.499	39.2636	-74.6046
8230	5599	2648	32579809	534844	12.579	0.207	39.20925	-74.7187
8232	19292	6791	15318799	5533921	5.915	2.137	39.38753	-74.5152
8234	42532	15844	1.57E+08	7405993	60.582	2.859	39.38839	-74.6207
8240	2371	1	4066207	230162	1.57	0.089	39.48806	-74.534
8241	1103	440	19158780	2852354	7.397	1.101	39.53438	-74.477
8242	3216	1746	13091831	134201	5.055	0.052	39.01858	-74.8889
8243	2114	6900	5618390	5418897	2.169	2.092	39.15101	-74.6963
8244	10849	5621	14948771	7956606	5.772	3.072	39.31897	-74.5885
8246	92	123	839980	0	0.324	0	39.18097	-74.7658
8247	925	3361	12816864	11219501	4.949	4.332	39.05227	-74.7836
8248	158	447	1548736	2251846	0.598	0.869	39.19566	-74.6572
8251	10364	6355	16252732	3700486	6.275	1.429	39.02772	-74.9295
8260	13661	23597	41106308	23169799	15.871	8.946	38.99492	-74.8375
8270	8492	3354	3E+08	13074918	115.769	5.048	39.27152	-74.7859
8302	46872	15215	3.71E+08	12251866	143.075	4.73	39.43861	-75.2606
8310	1670	828	29319262	81477	11.32	0.031	39.53135	-74.8966
8311	2057	798	71389552	3493816	27.564	1.349	39.32787	-75.204

8312	7875	3009	15042696	498367	5.808	0.192	39.66376	-75.0775
8314	2511	151	33888714	469277	13.085	0.181	39.22185	-74.9404
8316	400	158	9764173	443074	3.77	0.171	39.26953	-74.9497
8317	1344	473	18680658	49613	7.213	0.019	39.40069	-74.8296
8318	12702	4766	2.06E+08	2703729	79.666	1.044	39.55773	-75.1777
8319	1253	483	36559812	65422	14.116	0.025	39.37041	-74.8108
8320	1256	1	1093685	0	0.422	0	39.38508	-75.1606
8321	247	317	24351116	4880348	9.402	1.884	39.2236	-75.1432
8322	10524	3776	74195365	603886	28.647	0.233	39.61062	-75.0489
8323	804	369	46193748	2578055	17.836	0.995	39.39627	-75.3676
8324	526	237	22046717	425466	8.512	0.164	39.21463	-74.9966
8326	1761	643	8925972	0	3.446	0	39.53767	-74.9283
8327	3070	347	13795470	2751152	5.326	1.062	39.25155	-74.9628
8328	1347	515	5430756	399702	2.097	0.154	39.57836	-75.0587
8329	221	113	5903989	930898	2.28	0.359	39.27599	-75.0077
8330	28167	11076	3.12E+08	5935863	120.447	2.292	39.48195	-74.7374
8332	36768	14650	2.75E+08	10213066	106.148	3.943	39.37704	-75.0234
8340	979	391	33994468	46082	13.125	0.018	39.43725	-74.8765
8341	2239	961	6358219	2159	2.455	0.001	39.52542	-74.953
8343	5030	1819	86177818	466726	33.273	0.18	39.63632	-75.1676
8344	5847	2286	63984283	753460	24.704	0.291	39.56175	-74.986
8345	805	460	52502713	5923636	20.271	2.287	39.27703	-75.1655
8346	843	297	9803417	17360	3.785	0.007	39.565	-74.854
8348	275	126	3759068	272616	1.451	0.105	39.30993	-74.9714
8349	2347	940	1.06E+08	7555632	40.866	2.917	39.27387	-75.0713
8350	825	300	10371823	29077	4.005	0.011	39.48788	-74.882
8352	448	163	761761	0	0.294	0	39.47573	-75.128
8353	516	214	3127889	1564	1.208	0.001	39.46226	-75.2925
8360	43355	15899	1.11E+08	1056061	42.884	0.408	39.49552	-75.0087
8361	17352	6714	78578403	546647	30.339	0.211	39.44937	-74.9588
8401	39554	20009	27575373	15643824	10.647	6.04	39.3773	-74.4511
8402	6354	7114	3664967	3128854	1.415	1.208	39.32639	-74.5045
8403	997	1747	5434477	4087409	2.098	1.578	39.31868	-74.5435
8406	10650	7829	5139069	4714530	1.984	1.82	39.34156	-74.4809
8501	6582	2402	70131724	1179807	27.078	0.456	40.16171	-74.562
8502	11317	3744	33084323	222170	12.774	0.086	40.44822	-74.6532
8505	17736	7353	54527240	2019843	21.053	0.78	40.10303	-74.7335
8510	5231	1723	49732272	606711	19.202	0.234	40.19164	-74.4171
8511	826	324	6688655	45794	2.583	0.018	40.04238	-74.557
8512	10105	4133	55075906	601168	21.265	0.232	40.32436	-74.5255
8514	4477	1734	67782876	1291062	26.171	0.498	40.13433	-74.4918
8515	4637	1592	54698177	480508	21.119	0.186	40.12024	-74.6535
8518	4986	2228	4945598	586866	1.91	0.227	40.11543	-74.8021
8520	27869	10664	45662428	310025	17.63	0.12	40.25527	-74.5301
8525	4767	1967	57557271	166954	22.223	0.064	40.39765	-74.7794
8527	54392	20193	2.21E+08	2598845	85.262	1.003	40.10859	-74.3576
8528	315	135	1644750	187986	0.635	0.073	40.3871	-74.6189

8530	8071	3331	65806666	865455	25.408	0.334	40.37069	-74.9085
8533	6945	2420	48349734	525792	18.668	0.203	40.07103	-74.5001
8534	12929	4964	56662464	620034	21.878	0.239	40.32942	-74.7928
8535	5385	1726	46047684	1176505	17.779	0.454	40.2443	-74.4321
8536	20073	8637	18854550	474798	7.28	0.183	40.33229	-74.581
8540	47115	18408	1.34E+08	2621058	51.916	1.012	40.36301	-74.6553
8542	5189	1644	1322743	0	0.511	0	40.35291	-74.6604
8550	19445	6720	48218551	1508668	18.617	0.582	40.28016	-74.6147
8551	5532	1971	69835355	329323	26.964	0.127	40.44118	-74.8448
8553	682	292	1603789	8312	0.619	0.003	40.40035	-74.6389
8554	3818	1530	2737636	426365	1.057	0.165	40.11722	-74.7778
8555	877	324	4456923	14029	1.721	0.005	40.21829	-74.4708
8558	6629	2459	43146651	209262	16.659	0.081	40.41381	-74.7035
8559	4982	2166	1.04E+08	2158709	39.977	0.833	40.42922	-74.9791
8560	3656	1428	35403477	1391280	13.669	0.537	40.31573	-74.8573
8561	226	102	3037186	7650	1.173	0.003	40.24994	-74.5784
8562	5371	2395	44137333	274482	17.042	0.106	40.06196	-74.5919
8608	983	658	810941	177621	0.313	0.069	40.2193	-74.7678
8609	13546	5409	3522746	22113	1.36	0.009	40.22575	-74.7409
8610	30468	12413	19689832	879407	7.602	0.34	40.19117	-74.7166
8611	28038	9562	7176174	1230071	2.771	0.475	40.18362	-74.7403
8618	38229	15283	15698621	925283	6.061	0.357	40.24935	-74.79
8619	22723	9833	25848889	261666	9.98	0.101	40.2423	-74.6964
8620	14693	4556	23126900	491197	8.929	0.19	40.17005	-74.6513
8628	9054	4224	18137288	808418	7.003	0.312	40.26442	-74.827
8629	12331	4262	2062278	0	0.796	0	40.22067	-74.7312
8638	22832	9170	14836819	72852	5.729	0.028	40.25402	-74.7634
8640	7716	898	55421613	518109	21.398	0.2	40.00442	-74.5913
8641	3553	1298	13116042	13678	5.064	0.005	40.02028	-74.5902
8648	32263	12751	43313333	478767	16.723	0.185	40.28431	-74.718
8690	18567	7347	18331257	151941	7.078	0.059	40.22451	-74.6603
8691	15104	5996	67353071	931675	26.005	0.36	40.20889	-74.5941
8701	92843	26337	63699074	1050019	24.594	0.405	40.07704	-74.2004
8720	843	250	3626169	145590	1.4	0.056	40.13537	-74.0981
8721	20512	8420	40063040	11916377	15.468	4.601	39.90275	-74.1528
8722	11045	3826	7375838	1469	2.848	0.001	39.92841	-74.2022
8723	31641	14063	31264885	9802335	12.071	3.785	40.03858	-74.1116
8724	42352	18036	35265500	4780572	13.616	1.846	40.08624	-74.1109
8730	4774	2034	4549927	1600681	1.757	0.618	40.10506	-74.0628
8731	20009	8580	1.24E+08	5438227	47.826	2.1	39.86585	-74.263
8732	1484	751	1403935	767133	0.542	0.296	39.94179	-74.1438
8733	2752	962	9431925	267860	3.642	0.103	40.0238	-74.3208
8734	7651	2998	14808253	2587138	5.717	0.999	39.86276	-74.1721
8735	3114	7278	4481261	4329290	1.73	1.672	39.98205	-74.0706
8736	12578	6289	11973153	3683047	4.623	1.422	40.12002	-74.0533
8738	1042	1970	2571536	5901053	0.993	2.278	40.02272	-74.059
8740	2010	1202	1150388	751672	0.444	0.29	39.92767	-74.1324

8741	2488	1054	2024134	1131823	0.782	0.437	39.93712	-74.1669
8742	24405	12888	14506355	4557806	5.601	1.76	40.08078	-74.0591
8750	3528	2062	4894802	1065784	1.89	0.412	40.13281	-74.0417
8751	4212	5760	3395246	4545950	1.311	1.755	39.95191	-74.0882
8752	2074	4116	12395218	23901018	4.786	9.228	39.8425	-74.0934
8753	63678	26159	59779904	11562071	23.081	4.464	39.97903	-74.1604
8755	25302	10526	41276457	281656	15.937	0.109	40.00844	-74.2219
8757	33217	18816	66671612	785017	25.742	0.303	39.9424	-74.2511
8758	7043	3588	32330846	3509974	12.483	1.355	39.79036	-74.2233
8759	33263	21962	1.67E+08	2004350	64.611	0.774	39.97591	-74.3515
8801	8551	3039	42280063	510393	16.324	0.197	40.62279	-74.8863
8802	4067	1474	62133218	333775	23.99	0.129	40.67103	-75.018
8804	2771	1094	31892058	299771	12.314	0.116	40.64666	-75.0957
8805	12254	4602	7320127	134373	2.826	0.052	40.57387	-74.5375
8807	37972	14175	66390099	1040391	25.633	0.402	40.59225	-74.6193
8808	86	61	103377	0	0.04	0	40.73213	-75.049
8809	6421	2154	16640232	5721046	6.425	2.209	40.65183	-74.9342
8810	8401	2830	18775158	465485	7.249	0.18	40.36829	-74.491
8812	14296	5090	13690700	21005	5.286	0.008	40.59873	-74.4788
8816	46298	16942	53199416	1295237	20.54	0.5	40.42912	-74.4163
8817	44621	16292	27663590	519481	10.681	0.201	40.51466	-74.3931
8820	39590	13557	26674707	25331	10.299	0.01	40.57681	-74.3658
8821	354	136	774756	0	0.299	0	40.52005	-74.6857
8822	30354	11659	1.65E+08	790707	63.71	0.305	40.52512	-74.8653
8823	9016	3756	9059396	17905	3.498	0.007	40.43999	-74.569
8824	12115	4002	10044432	3288	3.878	0.001	40.42209	-74.5532
8825	4707	1980	75413763	880946	29.117	0.34	40.51419	-75.0272
8826	5838	2230	53680336	191337	20.726	0.074	40.71926	-74.8968
8827	4629	1774	48488945	344947	18.722	0.133	40.66862	-74.9681
8828	2178	920	2200991	148473	0.85	0.057	40.37803	-74.4231
8829	3725	1508	6399389	109384	2.471	0.042	40.66959	-74.8905
8830	18459	6642	8231293	2713	3.178	0.001	40.56955	-74.3149
8831	45620	20505	1.31E+08	957688	50.398	0.37	40.31947	-74.4288
8832	2863	1083	3758573	548857	1.451	0.212	40.5172	-74.3068
8833	8796	3375	86401278	9304385	33.36	3.592	40.64554	-74.8163
8835	10344	4277	6113833	228342	2.361	0.088	40.54127	-74.5893
8836	3845	1412	12212500	95327	4.715	0.037	40.59638	-74.5573
8837	15847	6480	23458757	1802475	9.057	0.696	40.51311	-74.3441
8840	16558	6416	8055168	6323	3.11	0.002	40.54314	-74.359
8844	38367	14061	1.42E+08	1278189	55.004	0.494	40.49769	-74.6705
8846	13635	5148	9110608	58012	3.518	0.022	40.57463	-74.4983
8848	8435	3317	86300829	1830459	33.321	0.707	40.59427	-75.0967
8850	8281	3182	6355951	279883	2.454	0.108	40.44792	-74.4391
8852	17220	6492	36438952	202637	14.069	0.078	40.38828	-74.5496
8853	5247	1875	27916194	346877	10.779	0.134	40.52993	-74.7423
8854	55961	17753	48766453	503716	18.829	0.194	40.54564	-74.4608
8857	39898	14997	62820428	725820	24.255	0.28	40.39279	-74.3304

8858	144	80	7101553	89876	2.742	0.035	40.68258	-74.737
8859	21526	8235	11677957	244403	4.509	0.094	40.45885	-74.3028
8861	53099	17391	13448417	3250824	5.192	1.255	40.52049	-74.2729
8863	12320	4740	6559395	333372	2.533	0.129	40.52769	-74.3162
8865	29840	12895	1.11E+08	2374366	43.033	0.917	40.70822	-75.1471
8867	5042	1830	75603410	227100	29.191	0.088	40.57425	-74.9662
8869	6881	2847	5162398	113591	1.993	0.044	40.57213	-74.6465
8872	18811	7269	23172507	3140625	8.947	1.213	40.44434	-74.3569
8873	49921	19455	83604069	1068798	32.28	0.413	40.49662	-74.532
8876	22179	8836	39361716	457041	15.198	0.176	40.58955	-74.6854
8879	23537	9383	18577384	1825187	7.173	0.705	40.4658	-74.2779
8880	4563	1865	1704415	250310	0.658	0.097	40.55395	-74.5275
8882	16008	5957	7171382	385238	2.769	0.149	40.44565	-74.3785
8884	8257	3242	5871602	530561	2.267	0.205	40.39569	-74.3901
8886	7077	2504	39350596	145063	15.193	0.056	40.6875	-75.1011
8887	1106	583	1852162	27362	0.715	0.011	40.52222	-74.7963
8889	10063	3874	64545037	367599	24.921	0.142	40.60902	-74.7542
8890	17	13	454730	123124	0.176	0.048	40.53904	-74.5754
8901	55223	15053	16391704	1658627	6.329	0.64	40.48364	-74.4425
8902	41153	15250	35258109	606337	13.613	0.234	40.43919	-74.4844
8904	13982	6203	4685924	26487	1.809	0.01	40.5008	-74.4279
10001	21102	12476	1609401	0	0.621	0	40.75067	-73.9973
10002	81410	34541	2277670	0	0.879	0	40.71576	-73.9863
10003	56024	31078	1493004	0	0.576	0	40.73183	-73.9892
10004	3089	2197	1449744	0	0.56	0	40.68863	-74.0182
10005	7135	5317	190416	0	0.074	0	40.70597	-74.0088
10006	3011	1991	237784	0	0.092	0	40.70961	-74.013
10007	6988	3143	423358	0	0.163	0	40.71386	-74.0078
10009	61347	31709	1596985	0	0.617	0	40.72641	-73.9786
10010	31834	18030	1011819	0	0.391	0	40.73905	-73.9822
10011	50984	33252	1705243	0	0.658	0	40.742	-74.0006
10012	24090	14633	837301	0	0.323	0	40.72558	-73.9981
10013	27700	13460	1430444	0	0.552	0	40.72011	-74.0049
10014	31959	21689	1474952	0	0.569	0	40.7337	-74.007
10016	54183	35617	1378326	0	0.532	0	40.74522	-73.9783
10017	16575	12875	829152	0	0.32	0	40.75235	-73.9724
10018	5229	4425	833392	0	0.322	0	40.75533	-73.9931
10019	42870	31404	1761259	0	0.68	0	40.76579	-73.9871
10020	0	0	71560	0	0.028	0	40.75824	-73.9788
10021	43631	28628	1002597	0	0.387	0	40.76916	-73.9586
10022	31924	23485	1130199	0	0.436	0	40.75856	-73.9678
10023	60998	39402	1270408	0	0.491	0	40.77592	-73.9826
10024	59283	33952	2221831	0	0.858	0	40.79845	-73.9744
10025	94600	47617	1946717	0	0.752	0	40.7986	-73.9666
10026	34003	15823	860745	0	0.332	0	40.80238	-73.9527
10027	59707	25071	2257092	0	0.871	0	40.81182	-73.9532
10028	45141	28139	813698	0	0.314	0	40.77643	-73.9535

10029	76003	31121	2136945	0	0.825	0	40.7917	-73.9439
10030	26999	12976	722465	0	0.279	0	40.81827	-73.9429
10031	56438	22604	1685544	0	0.651	0	40.82529	-73.9501
10032	57331	21417	1702842	0	0.657	0	40.83882	-73.9428
10033	53926	20116	1565761	0	0.605	0	40.85054	-73.9339
10034	38908	15671	2917184	0	1.126	0	40.86723	-73.9244
10035	33969	13935	3616216	0	1.396	0	40.79565	-73.9297
10036	24711	17958	1148108	0	0.443	0	40.75928	-73.9899
10037	17416	9451	683722	0	0.264	0	40.81298	-73.9373
10038	20300	10211	770757	0	0.298	0	40.70932	-74.0025
10039	24527	10868	1199364	0	0.463	0	40.83086	-73.9361
10040	41905	16506	976162	0	0.377	0	40.8583	-73.9305
10044	11661	4913	625938	0	0.242	0	40.76205	-73.9499
10065	32270	22754	1000544	0	0.386	0	40.76458	-73.963
10069	5199	3146	269802	0	0.104	0	40.77598	-73.9905
10075	26121	16493	477958	0	0.185	0	40.77336	-73.9562
10103	3	0	24776	0	0.01	0	40.76078	-73.9777
10110	0	0	26711	0	0.01	0	40.7545	-73.9823
10111	0	0	9576	0	0.004	0	40.75911	-73.9776
10112	0	0	15253	0	0.006	0	40.75917	-73.9797
10115	0	0	6618	0	0.003	0	40.81085	-73.9637
10119	92	0	42613	0	0.016	0	40.75031	-73.993
10128	60453	35240	1219025	0	0.471	0	40.78143	-73.9499
10152	0	0	12423	0	0.005	0	40.7584	-73.972
10153	0	0	12281	0	0.005	0	40.76362	-73.9724
10154	0	0	12382	0	0.005	0	40.75778	-73.9725
10162	1685	824	29442	0	0.011	0	40.7693	-73.9499
10165	2	2	13058	0	0.005	0	40.75213	-73.9787
10167	0	0	12396	0	0.005	0	40.75465	-73.9748
10168	0	0	13211	0	0.005	0	40.75145	-73.9771
10169	0	0	9924	0	0.004	0	40.75439	-73.9761
10170	2	0	24921	0	0.01	0	40.75263	-73.9759
10171	0	0	12470	0	0.005	0	40.7559	-73.9739
10172	0	0	12415	0	0.005	0	40.75527	-73.9743
10173	2	0	12297	0	0.005	0	40.75413	-73.9794
10174	0	0	13224	0	0.005	0	40.75144	-73.975
10177	0	0	5421	0	0.002	0	40.75514	-73.9759
10199	9	1	66729	0	0.026	0	40.75139	-73.9972
10271	0	0	6779	0	0.003	0	40.70824	-74.0105
10278	0	0	33630	0	0.013	0	40.71518	-74.0038
10279	0	0	10805	0	0.004	0	40.71263	-74.0087
10280	7853	4962	358650	0	0.138	0	40.70878	-74.0168
10282	4783	2484	226578	0	0.087	0	40.71665	-74.0154
10301	39706	16261	9476759	16101	3.659	0.006	40.62746	-74.0944
10302	19088	6427	3093431	0	1.194	0	40.63069	-74.1378
10303	26337	8811	8125465	73296	3.137	0.028	40.62989	-74.1741
10304	42193	15467	10035690	19194	3.875	0.007	40.60799	-74.0929

10305	41749	16187	11011994	63394	4.252	0.024	40.59669	-74.0749
10306	55909	22017	19355176	152561	7.473	0.059	40.57177	-74.126
10307	14096	5354	5082132	17221	1.962	0.007	40.50832	-74.2371
10308	27357	10715	5110510	12006	1.973	0.005	40.55188	-74.1476
10309	32519	11686	17402201	108120	6.719	0.042	40.53152	-74.221
10310	24962	9043	4650151	0	1.795	0	40.63265	-74.1161
10311	0	0	122886	0	0.047	0	40.60524	-74.1795
10312	59304	22155	19887900	369053	7.679	0.142	40.54539	-74.1809
10314	85510	32533	35520695	1668621	13.715	0.644	40.59926	-74.1657
10451	45713	17779	2628487	3019	1.015	0.001	40.82048	-73.9251
10452	75371	25866	2550148	0	0.985	0	40.83739	-73.9234
10453	78309	27018	2372412	12725	0.916	0.005	40.85278	-73.9123
10454	37337	12772	2699702	0	1.042	0	40.80552	-73.9166
10455	39665	13851	1844518	0	0.712	0	40.81471	-73.9086
10456	86547	29651	2637787	0	1.018	0	40.82988	-73.9081
10457	70496	24364	2748734	0	1.061	0	40.84715	-73.8987
10458	79492	27806	2613249	0	1.009	0	40.86255	-73.8881
10459	47308	16496	2115928	0	0.817	0	40.82588	-73.893
10460	57311	20706	3407078	0	1.315	0	40.84176	-73.8796
10461	50502	21127	6215148	0	2.4	0	40.84743	-73.8406
10462	75784	31331	3833088	11823	1.48	0.005	40.84328	-73.8604
10463	67970	30368	3745408	346374	1.446	0.134	40.88068	-73.9065
10464	4534	2272	9070627	236605	3.502	0.091	40.86779	-73.7999
10465	42230	16889	8882828	118	3.43	0	40.82328	-73.8256
10466	67813	24854	5227062	5688	2.018	0.002	40.89096	-73.8462
10467	97060	37432	6035762	0	2.33	0	40.86995	-73.8657
10468	76103	26178	2784853	45100	1.075	0.017	40.86897	-73.8999
10469	66631	24078	6414680	0	2.477	0	40.86857	-73.8482
10470	15293	6882	3689950	3918	1.425	0.002	40.88953	-73.8727
10471	22922	10054	6687174	28258	2.582	0.011	40.89881	-73.9033
10472	66358	23386	2720837	0	1.051	0	40.82956	-73.8694
10473	58519	21323	5645604	13868	2.18	0.005	40.81869	-73.8585
10474	12281	3985	3970898	0	1.533	0	40.81061	-73.8844
10475	40931	18911	4463108	250564	1.723	0.097	40.87526	-73.8238
10501	1219	395	3624479	3860	1.399	0.001	41.29561	-73.7585
10502	5487	1973	5491263	0	2.12	0	41.0116	-73.8414
10503	108	84	38497	0	0.015	0	41.02656	-73.8753
10504	7987	2735	42167008	5001469	16.281	1.931	41.12847	-73.7075
10505	851	233	1689634	0	0.652	0	41.34209	-73.7454
10506	5790	2139	42345182	584976	16.35	0.226	41.19089	-73.6385
10507	6408	2209	18925701	128959	7.307	0.05	41.2279	-73.686
10509	19507	7457	93497187	8663391	36.099	3.345	41.41086	-73.5943
10510	9988	3562	25699181	304770	9.923	0.118	41.139	-73.8349
10511	2246	943	3796934	147668	1.466	0.057	41.26543	-73.9432
10512	25590	10241	1.41E+08	14870704	54.558	5.742	41.4442	-73.7142
10514	11946	4033	33207916	332234	12.822	0.128	41.17233	-73.7689
10516	5289	2412	81617955	1596108	31.513	0.616	41.4621	-73.875

10517	539	224	850209	0	0.328	0	41.29824	-73.862
10518	1268	466	8929933	140362	3.448	0.054	41.26616	-73.5883
10519	316	133	1927174	65850	0.744	0.025	41.35235	-73.6527
10520	12810	5540	35631980	3375280	13.758	1.303	41.22648	-73.8678
10522	10875	4191	6291700	1772	2.429	0.001	41.01031	-73.8637
10523	7444	2676	9347439	5284	3.609	0.002	41.05934	-73.8195
10524	4421	1771	53875656	839865	20.802	0.324	41.37524	-73.9261
10526	1809	729	8528946	1375362	3.293	0.531	41.29111	-73.6705
10527	908	297	6331136	20364	2.444	0.008	41.32118	-73.7699
10528	12280	4885	9910757	3801	3.827	0.001	40.97475	-73.7258
10530	12604	6169	9913590	21972	3.828	0.008	41.02371	-73.8128
10532	4931	1743	4834526	0	1.867	0	41.09928	-73.8003
10533	7322	2924	9207502	137607	3.555	0.053	41.03693	-73.8549
10535	555	239	1169775	154348	0.452	0.06	41.33517	-73.7939
10536	10739	3776	66377322	5695232	25.628	2.199	41.2691	-73.6887
10537	2416	1043	2789284	246090	1.077	0.095	41.33974	-73.8823
10538	16597	6477	9309984	131479	3.595	0.051	40.93864	-73.7559
10541	26339	9425	64465346	4265642	24.89	1.647	41.37854	-73.7544
10543	20135	7971	10581252	474555	4.085	0.183	40.95269	-73.736
10545	141	1	326173	0	0.126	0	41.17859	-73.8355
10546	1277	476	2908559	12947	1.123	0.005	41.19724	-73.8004
10547	7647	2851	13120787	514324	5.066	0.199	41.31333	-73.846
10548	3487	1190	6067787	296566	2.343	0.115	41.2457	-73.933
10549	16638	6305	49697618	1651398	19.188	0.638	41.20058	-73.7235
10550	37144	15563	5145599	32763	1.987	0.013	40.90545	-73.8353
10552	19786	9509	4291821	11814	1.657	0.005	40.92446	-73.8261
10553	10170	3812	1790573	0	0.691	0	40.90858	-73.8217
10560	4737	1905	54013618	3514991	20.855	1.357	41.34053	-73.5976
10562	31796	11349	35699633	1422714	13.784	0.549	41.19448	-73.8253
10566	23570	9705	11322930	605645	4.372	0.234	41.28947	-73.9178
10567	19929	6907	57335255	1172419	22.137	0.453	41.28955	-73.897
10570	12680	4357	16882808	194174	6.518	0.075	41.13007	-73.7867
10573	38352	13662	14183493	265612	5.476	0.103	41.01586	-73.6774
10576	5116	2118	58277925	2150370	22.501	0.83	41.22158	-73.5723
10577	6552	855	17397482	84358	6.717	0.033	41.03827	-73.7117
10578	681	252	4101865	435996	1.584	0.168	41.32028	-73.679
10579	8675	3551	84879358	3613725	32.772	1.395	41.39423	-73.8387
10580	17208	6475	21974258	1064698	8.484	0.411	40.97894	-73.6933
10583	38982	14301	32018620	97925	12.362	0.038	40.98868	-73.7892
10588	2282	867	5169908	69152	1.996	0.027	41.33662	-73.82
10589	8475	3972	20708928	1321633	7.996	0.51	41.32844	-73.7029
10590	6767	2683	34956345	1347637	13.497	0.52	41.25544	-73.5393
10591	22540	9047	25614414	597137	9.89	0.231	41.0901	-73.841
10594	5117	1694	6487422	10073	2.505	0.004	41.11343	-73.7743
10595	8195	2420	15473636	2361833	5.974	0.912	41.0859	-73.7826
10596	1729	724	1611723	149079	0.622	0.058	41.25626	-73.9592
10597	968	395	8647618	645605	3.339	0.249	41.29302	-73.5966

10598	28647	10644	68620383	7560259	26.494	2.919	41.28822	-73.7922
10601	11376	6127	1640102	0	0.633	0	41.03293	-73.7651
10603	17045	7070	8520506	7173	3.29	0.003	41.0544	-73.7793
10604	11250	4252	17645709	3243369	6.813	1.252	41.06208	-73.7434
10605	18126	7508	13158332	24949	5.08	0.01	41.01053	-73.7451
10606	16499	6125	3912506	0	1.511	0	41.02057	-73.7758
10607	6824	2374	5752851	29941	2.221	0.012	41.03909	-73.8114
10701	63393	25511	10940538	0	4.224	0	40.94542	-73.8805
10703	20301	8007	4563135	0	1.762	0	40.95983	-73.8803
10704	30165	13292	6918814	355475	2.671	0.137	40.91973	-73.8627
10705	38777	14554	5732006	59198	2.213	0.023	40.91971	-73.8899
10706	8679	3621	7494736	0	2.894	0	40.98982	-73.8676
10707	10097	4356	3363600	0	1.299	0	40.96053	-73.8227
10708	21225	9667	7972300	3565	3.078	0.001	40.93827	-73.8299
10709	9292	3781	3529311	224926	1.363	0.087	40.95464	-73.8082
10710	25120	10464	11863704	673779	4.581	0.26	40.96716	-73.8463
10801	40827	15154	8850509	38874	3.417	0.015	40.91757	-73.7849
10803	12435	4498	5668104	20721	2.188	0.008	40.90046	-73.8071
10804	14146	5183	11224987	316902	4.334	0.122	40.94684	-73.7881
10805	18414	7975	4469017	54775	1.725	0.021	40.89772	-73.7793
10901	23465	9391	46615179	218514	17.998	0.084	41.14077	-74.105
10910	21	17	5388402	109339	2.08	0.042	41.28157	-74.138
10911	2	2	2698775	54679	1.042	0.021	41.31916	-74.0082
10913	5532	1635	10695374	272607	4.13	0.105	41.06826	-73.955
10914	414	155	6325876	44754	2.442	0.017	41.41772	-74.2
10915	119	47	373883	0	0.144	0	41.54536	-74.3593
10916	4540	1500	52319620	234784	20.201	0.091	41.44246	-74.2507
10917	1968	709	9624014	79242	3.716	0.031	41.31953	-74.1176
10918	11647	4254	85261669	1145949	32.92	0.442	41.34419	-74.2622
10919	1040	380	10661353	49527	4.116	0.019	41.52596	-74.3876
10920	8554	3012	10814581	2524447	4.176	0.975	41.15621	-73.9377
10921	4135	1545	21008695	41821	8.112	0.016	41.33206	-74.3634
10922	1559	710	5889712	192888	2.274	0.074	41.33276	-73.9965
10923	8732	3081	5093744	92119	1.967	0.036	41.20256	-74.0006
10924	13120	4819	99312601	634758	38.345	0.245	41.38101	-74.3525
10925	4539	2393	10076776	4292950	3.891	1.658	41.19818	-74.3148
10926	3203	1305	13426644	1039699	5.184	0.401	41.3014	-74.1227
10927	11910	3598	5092351	216458	1.966	0.084	41.19105	-73.9676
10928	4175	1934	14096143	177778	5.443	0.069	41.34897	-73.9985
10930	8958	3091	35938343	443317	13.876	0.171	41.36168	-74.1133
10931	1023	381	16606678	102991	6.412	0.04	41.14879	-74.1625
10932	60	27	386531	1009	0.149	0	41.48216	-74.4643
10933	473	158	2828798	13227	1.092	0.005	41.36798	-74.513
10940	48418	18800	1.68E+08	2771469	64.893	1.07	41.44654	-74.4787
10941	13779	5131	82948357	509363	32.027	0.197	41.48732	-74.3444
10950	47226	14106	94268120	3819903	36.397	1.475	41.31709	-74.202
10952	38917	9697	23654071	49894	9.133	0.019	41.11112	-74.0785

10953	252	116	2854241	34680	1.102	0.013	41.40496	-74.0774
10954	23045	8809	17820981	12015	6.881	0.005	41.09903	-74.0123
10956	31521	10600	41890589	934798	16.174	0.361	41.15719	-73.9934
10958	3291	1112	59221508	359347	22.866	0.139	41.37191	-74.4325
10960	15093	6638	10862399	618	4.194	0	41.09207	-73.9246
10962	5950	1879	15184121	731968	5.863	0.283	41.05007	-73.9586
10963	4298	969	32820261	337411	12.672	0.13	41.46353	-74.5434
10964	1472	601	6388185	0	2.466	0	41.0162	-73.9143
10965	14791	5599	13608978	491381	5.254	0.19	41.06156	-74.0078
10968	2353	1265	1504348	11711	0.581	0.005	41.03633	-73.9216
10969	1267	501	29061020	20436	11.221	0.008	41.2948	-74.488
10970	9993	3918	35656952	866074	13.767	0.334	41.1796	-74.0998
10973	2126	786	21742582	332902	8.395	0.129	41.38052	-74.4805
10974	3152	1141	24125845	1977000	9.315	0.763	41.16806	-74.178
10975	281	173	15236998	314367	5.883	0.121	41.26708	-74.1723
10976	2258	642	2973733	11983	1.148	0.005	41.02296	-73.9285
10977	59048	15891	28751003	39834	11.101	0.015	41.11892	-74.0482
10979	234	144	377418	0	0.146	0	41.18283	-74.3149
10980	13383	4973	63144330	1639537	24.38	0.633	41.2389	-74.05
10983	5532	1967	5280099	16676	2.039	0.006	41.03109	-73.9477
10984	2842	944	4149729	17457	1.602	0.007	41.2029	-74.0223
10985	58	19	665812	0	0.257	0	41.58352	-74.3732
10986	1974	720	27973507	447386	10.801	0.173	41.28524	-73.9987
10987	3395	1542	96140065	4275671	37.12	1.651	41.18693	-74.2374
10988	896	343	8156721	12120	3.149	0.005	41.30208	-74.5486
10989	9293	3611	12780655	1676479	4.935	0.647	41.12296	-73.938
10990	20631	7835	1.58E+08	2840738	60.872	1.097	41.26745	-74.364
10992	9621	3467	28725140	85125	11.091	0.033	41.42616	-74.1643
10993	4769	1689	2994240	71359	1.156	0.028	41.2099	-73.9738
10994	7085	2375	15831268	973831	6.112	0.376	41.09807	-73.9726
10996	6756	841	8390527	118870	3.24	0.046	41.3937	-73.9722
10998	3122	1064	48312250	365977	18.653	0.141	41.32405	-74.5412
11001	26883	9598	5775030	34951	2.23	0.013	40.72332	-73.7049
11003	41356	12850	10723323	113541	4.14	0.044	40.69918	-73.7062
11004	14016	5152	2460789	0	0.95	0	40.7462	-73.7115
11005	1806	1852	472584	0	0.182	0	40.75658	-73.7142
11010	23821	8402	6151544	0	2.375	0	40.70059	-73.675
11020	5914	1966	5085564	128626	1.964	0.05	40.77144	-73.7148
11021	17729	8392	6054699	115008	2.338	0.044	40.78432	-73.7315
11023	9027	3261	4289289	328079	1.656	0.127	40.7987	-73.7337
11024	8002	2389	9127289	1553130	3.524	0.6	40.81609	-73.7414
11030	17962	6488	17284662	311709	6.674	0.12	40.79341	-73.6885
11040	40782	13900	12388380	73573	4.783	0.028	40.74535	-73.6803
11042	520	1	1527083	0	0.59	0	40.75854	-73.6972
11050	30171	11863	25877534	4990344	9.991	1.927	40.8399	-73.6931
11096	8344	2702	3165331	1225389	1.222	0.473	40.62135	-73.757
11101	25484	12317	6773846	301002	2.615	0.116	40.74713	-73.9397

11102	34133	15499	2092161	7099	0.808	0.003	40.77288	-73.9263
11103	38780	18518	1841677	0	0.711	0	40.76257	-73.9134
11104	27232	12532	1010093	0	0.39	0	40.74462	-73.9202
11105	36688	17416	4226734	0	1.632	0	40.77888	-73.9068
11106	38875	18296	2219776	36652	0.857	0.014	40.76221	-73.9315
11109	3523	2127	103922	25703	0.04	0.01	40.74512	-73.9569
11201	51128	26390	3680347	14550	1.421	0.006	40.69368	-73.9897
11203	76174	28087	5557080	0	2.146	0	40.64959	-73.9344
11204	78134	28196	4115356	0	1.589	0	40.61878	-73.9848
11205	40366	16409	2459479	0	0.95	0	40.6947	-73.9663
11206	81677	29941	3715223	0	1.434	0	40.70195	-73.9424
11207	93386	34202	6917454	0	2.671	0	40.67075	-73.8942
11208	94469	32069	8951522	0	3.456	0	40.66969	-73.8714
11209	68853	34679	5599867	0	2.162	0	40.62198	-74.0303
11210	62008	22476	4250381	0	1.641	0	40.62815	-73.9463
11211	90117	37180	5952757	191943	2.298	0.074	40.7126	-73.9531
11212	84500	31847	3983224	0	1.538	0	40.66294	-73.913
11213	63767	24974	2825709	0	1.091	0	40.67108	-73.9363
11214	88630	35261	5658758	7472	2.185	0.003	40.59915	-73.9961
11215	63488	30073	5641351	54168	2.178	0.021	40.66269	-73.9867
11216	54316	25964	2422753	0	0.935	0	40.68077	-73.9493
11217	35881	17581	1944333	8495	0.751	0.003	40.68231	-73.9781
11218	75220	26598	3699262	0	1.428	0	40.64348	-73.976
11219	92221	28693	3838518	0	1.482	0	40.63267	-73.9967
11220	99598	31045	4639238	0	1.791	0	40.64122	-74.0169
11221	78895	31784	3582802	0	1.383	0	40.69134	-73.9279
11222	36934	18756	3947645	211281	1.524	0.082	40.72779	-73.9476
11223	78731	32407	5372270	0	2.074	0	40.59714	-73.9734
11224	47621	20768	3999168	91783	1.544	0.035	40.57737	-73.9887
11225	56829	23588	2289249	0	0.884	0	40.66305	-73.9542
11226	101572	37745	3339497	0	1.289	0	40.64645	-73.9566
11228	41788	18234	3807131	0	1.47	0	40.6167	-74.013
11229	80018	34885	5611289	127424	2.167	0.049	40.60129	-73.9445
11230	86408	34028	4765012	0	1.84	0	40.62216	-73.9651
11231	33336	16149	3683315	82512	1.422	0.032	40.67792	-74.0052
11232	28265	8980	3323376	1286	1.283	0	40.65653	-74.0073
11233	67053	29074	3491031	0	1.348	0	40.67831	-73.9199
11234	87757	33714	19547849	2143727	7.547	0.828	40.60508	-73.9117
11235	79132	37619	5816304	501713	2.246	0.194	40.58395	-73.9491
11236	93877	33313	9311387	89767	3.595	0.035	40.63941	-73.9007
11237	49896	16724	2537578	45736	0.98	0.018	40.70416	-73.9211
11238	49262	24525	2863622	0	1.106	0	40.67917	-73.9638
11239	13393	6335	1477966	30120	0.571	0.012	40.64774	-73.8795
11351	0	0	7592	0	0.003	0	40.78075	-73.8253
11354	54878	22201	5612651	83889	2.167	0.032	40.76821	-73.8274
11355	85871	30681	4493721	0	1.735	0	40.75148	-73.821
11356	23438	8303	4069871	0	1.571	0	40.78485	-73.8413

11357	39150	15924	7256742	0	2.802	0	40.78639	-73.8109
11358	37546	14068	5048954	0	1.949	0	40.76047	-73.7964
11359	0	0	636668	0	0.246	0	40.79179	-73.7769
11360	18884	9308	3691086	0	1.425	0	40.78029	-73.7812
11361	28606	11195	4553960	49212	1.758	0.019	40.76419	-73.7728
11362	17823	7347	6518633	108440	2.517	0.042	40.75657	-73.7378
11363	6988	2797	2249596	0	0.869	0	40.77262	-73.7465
11364	34555	13835	6386921	0	2.466	0	40.7453	-73.7606
11365	42252	16098	6466314	46201	2.497	0.018	40.73963	-73.7945
11366	13532	4723	2835025	0	1.095	0	40.72815	-73.785
11367	41047	15588	6162139	481784	2.379	0.186	40.73015	-73.827
11368	109931	30978	6816707	94491	2.632	0.036	40.74941	-73.8528
11369	38615	12184	2765090	0	1.068	0	40.76334	-73.8724
11370	39688	10244	3684369	0	1.423	0	40.76537	-73.8932
11371	0	0	2602752	0	1.005	0	40.77384	-73.8734
11372	66636	25100	1909994	0	0.737	0	40.75169	-73.8836
11373	100820	33227	3956011	0	1.527	0	40.73883	-73.8785
11374	43600	20225	2419933	0	0.934	0	40.72639	-73.8615
11375	68733	34631	5129162	0	1.98	0	40.72094	-73.8462
11377	89830	33545	6595693	0	2.547	0	40.74479	-73.9052
11378	34981	13668	6614594	145653	2.554	0.056	40.72474	-73.9096
11379	34821	14649	5372961	0	2.075	0	40.71675	-73.8796
11385	98592	37251	9357002	82983	3.613	0.032	40.70067	-73.8894
11411	18556	6164	3027435	0	1.169	0	40.69402	-73.7362
11412	34882	11526	4264330	0	1.646	0	40.6981	-73.759
11413	38912	12975	8028308	85692	3.1	0.033	40.67166	-73.7526
11414	26148	11330	5956106	224136	2.3	0.087	40.6576	-73.8448
11415	19341	9206	1471500	0	0.568	0	40.70792	-73.8282
11416	24861	7806	1724073	0	0.666	0	40.68465	-73.8495
11417	28967	9714	2898286	0	1.119	0	40.67645	-73.8444
11418	36256	11854	4229580	0	1.633	0	40.70027	-73.836
11419	47211	13454	2924898	0	1.129	0	40.68867	-73.8229
11420	44354	13743	5382008	0	2.078	0	40.67358	-73.8177
11421	39127	12695	3336083	0	1.288	0	40.69406	-73.8586
11422	30425	9900	5098423	204780	1.969	0.079	40.66006	-73.736
11423	29987	10165	3654228	0	1.411	0	40.71561	-73.7685
11424	0	0	87271	0	0.034	0	40.7143	-73.8273
11425	0	0	98802	0	0.038	0	40.60775	-74.0239
11426	17590	6389	3493966	0	1.349	0	40.73646	-73.7224
11427	23593	7958	4082592	0	1.576	0	40.73089	-73.7457
11428	19168	5780	2156475	0	0.833	0	40.72102	-73.7422
11429	25105	7791	3369771	0	1.301	0	40.70977	-73.7387
11430	184	0	18434911	663495	7.118	0.256	40.64713	-73.7856
11432	60809	19518	5566224	0	2.149	0	40.71536	-73.7931
11433	32687	11483	4019554	0	1.552	0	40.69816	-73.7869
11434	59129	21681	8388456	172037	3.239	0.066	40.67681	-73.7764
11435	53687	18963	3922755	0	1.515	0	40.70127	-73.8096

11436	17949	5924	2040481	0	0.788	0	40.67582	-73.7966
11451	0	0	91974	0	0.036	0	40.70128	-73.796
11501	19148	7841	5307491	0	2.049	0	40.74628	-73.6389
11507	7406	2540	2796546	0	1.08	0	40.77085	-73.6523
11509	2653	1394	2181024	740040	0.842	0.286	40.58796	-73.7285
11510	33048	11104	10998551	1451207	4.247	0.56	40.65013	-73.6077
11514	4673	1825	2323170	0	0.897	0	40.74989	-73.6125
11516	7556	2655	2262295	0	0.873	0	40.62579	-73.7267
11518	10549	4348	3554629	300498	1.372	0.116	40.63747	-73.6668
11520	43341	14000	13192649	1088525	5.094	0.42	40.6494	-73.583
11530	27273	9474	18391308	63946	7.101	0.025	40.72685	-73.637
11542	27633	10610	17251485	632446	6.661	0.244	40.87261	-73.6286
11545	12065	4331	29720330	32793	11.475	0.013	40.82632	-73.5894
11547	793	298	1126461	54527	0.435	0.021	40.83367	-73.6427
11548	2780	446	2369366	0	0.915	0	40.81287	-73.6274
11549	2922	0	187386	0	0.072	0	40.71724	-73.6027
11550	56435	16859	11034175	12386	4.26	0.005	40.70148	-73.6211
11552	23616	7529	8844683	689091	3.415	0.266	40.69298	-73.6524
11553	26034	6469	9069289	20461	3.502	0.008	40.70643	-73.5916
11554	38132	12863	16183381	61309	6.248	0.024	40.72012	-73.5589
11556	17	0	155327	0	0.06	0	40.71968	-73.5838
11557	7823	2961	5235450	370943	2.021	0.143	40.63718	-73.692
11558	8370	3099	3878352	1352960	1.497	0.522	40.60536	-73.649
11559	8176	2821	10820799	2449971	4.178	0.946	40.60548	-73.7162
11560	6464	2490	19430272	321812	7.502	0.124	40.88076	-73.5887
11561	37280	18418	10099819	957319	3.9	0.37	40.58908	-73.6482
11563	22666	9126	6207872	0	2.397	0	40.65725	-73.6737
11565	8690	3213	2891203	0	1.116	0	40.67506	-73.6717
11566	35321	12070	14121530	2471578	5.452	0.954	40.66324	-73.5538
11568	4555	1124	23108293	0	8.922	0	40.78696	-73.5965
11569	1398	770	1010876	0	0.39	0	40.58979	-73.5823
11570	26646	10453	9525132	220954	3.678	0.085	40.66607	-73.6384
11572	30574	11093	12369733	1206892	4.776	0.466	40.63177	-73.6366
11575	16272	4369	4611705	26590	1.781	0.01	40.68042	-73.5849
11576	12366	4630	11782385	729035	4.549	0.281	40.79941	-73.6475
11577	12337	4441	7890474	0	3.047	0	40.78327	-73.6389
11579	5055	2073	2907571	0	1.123	0	40.84402	-73.644
11580	40113	13506	10118686	40010	3.907	0.015	40.6749	-73.7022
11581	20844	7270	6975425	552824	2.693	0.213	40.65103	-73.7153
11590	45768	14450	17290910	62481	6.676	0.024	40.75518	-73.5743
11596	10480	3782	3449390	0	1.332	0	40.75967	-73.6423
11598	13328	4322	5158773	322616	1.992	0.125	40.63092	-73.7123
11691	60035	21160	7339464	86654	2.834	0.033	40.60128	-73.7617
11692	18540	6881	2586423	180416	0.999	0.07	40.5941	-73.7929
11693	11916	5170	2582599	0	0.997	0	40.59069	-73.8097
11694	20408	9341	3536999	1437	1.366	0.001	40.57827	-73.8448
11697	4079	2698	5749269	750	2.22	0	40.55568	-73.9207

11701	27109	9831	12354440	1384083	4.77	0.534	40.68143	-73.4101
11702	14498	5850	23639541	914597	9.127	0.353	40.65058	-73.2624
11703	16415	5964	8080675	110100	3.12	0.043	40.73267	-73.3259
11704	40222	14088	20873713	531087	8.059	0.205	40.7175	-73.3582
11705	8030	2944	9194715	195623	3.55	0.076	40.74328	-73.0558
11706	62543	21776	44135882	3171985	17.041	1.225	40.72254	-73.2522
11709	6669	2651	3913961	1307759	1.511	0.505	40.90648	-73.5595
11710	34496	12080	12654170	1653516	4.886	0.638	40.6718	-73.5335
11713	10401	3940	13077818	236372	5.049	0.091	40.77615	-72.9433
11714	22658	8213	11199604	0	4.324	0	40.74255	-73.4861
11715	4752	1752	4379300	14895	1.691	0.006	40.75101	-73.0349
11716	10700	3925	22638758	95271	8.741	0.037	40.7767	-73.1349
11717	60745	14217	28295333	0	10.925	0	40.78377	-73.2522
11718	3103	1156	2448217	58407	0.945	0.023	40.72318	-73.2685
11719	3589	1304	15517338	378017	5.991	0.146	40.78215	-72.9121
11720	29189	9581	21112862	0	8.152	0	40.87029	-73.0821
11721	6292	2421	6449113	3753280	2.49	1.449	40.90076	-73.3724
11722	35177	10158	18885203	0	7.292	0	40.78303	-73.1949
11724	3220	1059	9994932	507202	3.859	0.196	40.86422	-73.4564
11725	29150	9883	25270477	0	9.757	0	40.84048	-73.2808
11726	19857	6355	6651434	414310	2.568	0.16	40.67879	-73.3957
11727	29030	11652	23567601	0	9.1	0	40.88207	-73.004
11729	28032	9895	16227590	9723	6.266	0.004	40.7627	-73.3214
11730	14712	5035	19712137	4506974	7.611	1.74	40.71689	-73.1698
11731	30184	10454	21698991	0	8.378	0	40.86265	-73.3169
11732	3430	1417	3956466	0	1.528	0	40.84474	-73.5369
11733	18949	6326	30672901	12286586	11.843	4.744	40.94025	-73.1128
11735	32098	11438	27080017	51786	10.456	0.02	40.73275	-73.4328
11738	17638	5610	13812407	0	5.333	0	40.83819	-73.0382
11739	1223	413	2150905	225641	0.83	0.087	40.72937	-73.1599
11740	9454	3517	9602404	0	3.708	0	40.8654	-73.3613
11741	27655	9959	19382501	0	7.484	0	40.79483	-73.0703
11742	13261	4798	12960866	0	5.004	0	40.81001	-73.0414
11743	42230	15896	65710750	9614430	25.371	3.712	40.88339	-73.4236
11746	67094	21578	61847153	9518	23.879	0.004	40.81427	-73.3623
11747	19803	7529	34087733	1209	13.161	0	40.78853	-73.4073
11749	3345	1092	5668090	0	2.188	0	40.80674	-73.1709
11751	14961	5513	10350269	1616102	3.996	0.624	40.73049	-73.2139
11752	9531	3173	9617687	60294	3.713	0.023	40.75711	-73.174
11753	12014	4295	10039259	41301	3.876	0.016	40.78972	-73.5399
11754	18958	6975	18994228	2679084	7.334	1.034	40.88557	-73.2499
11755	12387	4336	8391483	2832	3.24	0.001	40.8578	-73.1168
11756	42791	14183	14296759	64664	5.52	0.025	40.72457	-73.5163
11757	45700	16104	17602045	806503	6.796	0.311	40.68901	-73.3733
11758	53804	18795	28487737	1601082	10.999	0.618	40.66893	-73.4584
11762	22360	7651	7990423	134391	3.085	0.052	40.68274	-73.4467
11763	28506	9629	35860857	4749	13.846	0.002	40.82688	-72.9849

11764	13200	4393	23768611	3047313	9.177	1.177	40.93899	-72.979
11765	737	326	6335333	828974	2.446	0.32	40.88219	-73.5589
11766	12635	4444	15967694	3735467	6.165	1.442	40.93922	-73.0187
11767	14530	4938	10811386	14619	4.174	0.006	40.84295	-73.1452
11768	21902	8325	39179738	29305846	15.127	11.315	40.92363	-73.3393
11769	9506	4168	11434845	1072521	4.415	0.414	40.73628	-73.1298
11770	137	1196	1130822	0	0.437	0	40.64584	-73.1566
11771	10007	4078	27707560	9879871	10.698	3.815	40.8728	-73.525
11772	44837	17725	41943745	1152750	16.195	0.445	40.76178	-72.9874
11776	24235	8606	17868679	0	6.899	0	40.91362	-73.0464
11777	8968	3732	11295193	5451758	4.361	2.105	40.95607	-73.0667
11778	12709	4971	17729423	3451017	6.845	1.332	40.94805	-72.9371
11779	38421	13632	32515886	859817	12.554	0.332	40.81243	-73.1161
11780	15524	5586	29809606	10257773	11.51	3.961	40.90929	-73.1747
11782	15814	7012	14361077	167315	5.545	0.065	40.73809	-73.0817
11783	21288	7400	9180354	86471	3.545	0.033	40.67761	-73.49
11784	24655	8380	14165787	0	5.469	0	40.86892	-73.0412
11786	6344	2015	15005030	4292624	5.793	1.657	40.95049	-72.8867
11787	35772	12658	38936036	1717027	15.033	0.663	40.85292	-73.2113
11788	16821	6009	22221707	0	8.58	0	40.81808	-73.2131
11789	7895	3105	4406952	2384608	1.702	0.921	40.96203	-72.971
11790	18511	5034	18548423	479500	7.162	0.185	40.90596	-73.1274
11791	25076	8375	33613158	713179	12.978	0.275	40.82829	-73.5059
11792	8523	3240	25501373	7080506	9.846	2.734	40.955	-72.8256
11793	32298	11023	24567561	731768	9.486	0.283	40.65029	-73.5146
11794	3165	0	715212	0	0.276	0	40.91332	-73.1249
11795	26030	8526	14718868	1132606	5.683	0.437	40.70901	-73.2963
11796	4056	1363	3792345	0	1.464	0	40.73128	-73.0997
11797	9041	3217	13312889	41196	5.14	0.016	40.82035	-73.4721
11798	15347	4168	12346847	8646	4.767	0.003	40.7526	-73.3787
11801	39553	13127	17183893	39056	6.635	0.015	40.7623	-73.5245
11803	28127	9917	15682737	27297	6.055	0.011	40.7817	-73.473
11804	5010	1773	7467476	8861	2.883	0.003	40.75901	-73.4574
11901	27172	11250	1.43E+08	13300327	55.119	5.135	40.92574	-72.6479
11930	1343	2452	23874994	21054193	9.218	8.129	40.98957	-72.098
11931	151	103	1173837	239390	0.453	0.092	40.9335	-72.6133
11932	1398	1938	22374497	4795921	8.639	1.852	40.93434	-72.3066
11933	6844	3577	71817314	6255304	27.729	2.415	40.9411	-72.7676
11934	7263	2599	12055515	1074158	4.655	0.415	40.79836	-72.7943
11935	3304	2069	26368809	3012744	10.181	1.163	41.02122	-72.487
11937	15398	12428	1.11E+08	63980724	42.892	24.703	41.01163	-72.1655
11939	926	953	5797380	13481917	2.238	5.205	41.12312	-72.3154
11940	5210	2179	14268754	387141	5.509	0.149	40.81266	-72.7522
11941	1986	928	6366959	338439	2.458	0.131	40.83016	-72.7298
11942	4603	2948	22586450	2055225	8.721	0.794	40.85078	-72.5822
11944	4299	2812	10548117	8978439	4.073	3.467	41.10403	-72.3715
11946	14068	8176	34938413	6164116	13.49	2.38	40.87027	-72.5217

11947	416	206	1683074	0	0.65	0	40.95066	-72.5711
11948	1123	718	7035731	10998	2.717	0.004	40.96377	-72.5536
11949	14573	5399	89461466	738338	34.541	0.285	40.86641	-72.8046
11950	16268	5098	10683102	368143	4.125	0.142	40.80803	-72.847
11951	13680	5140	17356555	2910950	6.701	1.124	40.76316	-72.8303
11952	4637	2685	24544324	8229876	9.477	3.178	41.00165	-72.5476
11953	13553	5660	26579216	182859	10.262	0.071	40.89327	-72.9518
11954	3326	4722	47942719	44916011	18.511	17.342	41.04757	-71.9464
11955	3285	1707	7392391	589098	2.854	0.227	40.80913	-72.8161
11956	349	308	3284727	157808	1.268	0.061	40.96905	-72.4622
11957	743	772	16750096	39844847	6.467	15.384	41.1922	-72.149
11958	635	454	7448956	3179176	2.876	1.227	41.03907	-72.4644
11959	939	1495	9938212	1095887	3.837	0.423	40.82259	-72.6013
11960	1084	963	4888997	190434	1.888	0.074	40.81062	-72.7061
11961	12834	6113	33129633	239983	12.791	0.093	40.90514	-72.8883
11962	494	813	14198091	4409723	5.482	1.703	40.9309	-72.2687
11963	6622	5628	34942545	6413376	13.491	2.476	40.99389	-72.3202
11964	1858	1922	24189275	27128253	9.34	10.474	41.0557	-72.317
11965	534	832	7317534	16756735	2.825	6.47	41.09608	-72.2884
11967	26583	8628	29314921	2296193	11.319	0.887	40.79478	-72.8755
11968	11593	9398	69090110	15859437	26.676	6.123	40.90593	-72.4157
11970	522	513	1454535	70265	0.562	0.027	40.93895	-72.5775
11971	5818	4051	28660407	10660919	11.066	4.116	41.06404	-72.4309
11972	1321	571	6252109	17177	2.414	0.007	40.84802	-72.7029
11973	9	145	11417197	11567	4.408	0.004	40.86717	-72.8821
11975	408	609	7387267	3084061	2.852	1.191	40.94111	-72.2445
11976	1565	2201	31784245	5836969	12.272	2.254	40.92239	-72.3507
11977	2467	1610	14897275	218195	5.752	0.084	40.82747	-72.679
11978	3255	3879	32628672	1521380	12.598	0.587	40.82632	-72.649
11980	4990	1646	33972329	318022	13.117	0.123	40.83165	-72.9238
12007	60	28	3140703	7059	1.213	0.003	42.45567	-73.9271
12008	497	195	2153229	452596	0.831	0.175	42.85349	-73.9065
12009	7164	3076	1.35E+08	2168637	52.217	0.837	42.69757	-74.0355
12010	28937	13788	3.39E+08	7032703	130.714	2.715	42.93763	-74.1733
12015	3010	1641	34601819	1459366	13.36	0.563	42.29489	-73.8248
12017	435	314	51687722	105154	19.957	0.041	42.32115	-73.4559
12018	7930	3378	1.15E+08	3228084	44.537	1.246	42.62883	-73.5208
12019	14740	5944	76405457	1277357	29.5	0.493	42.93435	-73.8818
12020	31192	13130	1.95E+08	8111483	75.2	3.132	43.00159	-73.8681
12022	929	494	83819019	155421	32.363	0.06	42.65695	-73.3338
12023	2196	1088	1.49E+08	693593	57.592	0.268	42.59856	-74.183
12024	31	26	2697849	0	1.042	0	42.47679	-73.5333
12025	5505	3062	93930692	1103585	36.267	0.426	43.08335	-74.1381
12027	3882	1527	18575312	57932	7.172	0.022	42.93542	-73.9078
12028	1172	488	58463443	709660	22.573	0.274	42.93444	-73.4423
12029	1113	783	52061012	655216	20.101	0.253	42.41596	-73.425
12031	175	76	8387429	15737	3.238	0.006	42.76604	-74.4516

12032	836	1343	2.3E+08	11506131	88.805	4.443	43.12401	-74.5251
12033	7851	3283	69887469	1824339	26.984	0.704	42.54314	-73.7055
12035	802	355	16135269	280123	6.23	0.108	42.73067	-74.3577
12036	228	154	19181893	20982	7.406	0.008	42.54151	-74.6731
12037	4015	2106	79850406	507311	30.83	0.196	42.34473	-73.5671
12040	113	60	3384007	0	1.307	0	42.63735	-73.3507
12041	481	195	4097531	0	1.582	0	42.57794	-73.9527
12042	271	144	11251961	31391	4.344	0.012	42.41652	-73.9382
12043	8509	3498	1.6E+08	676450	61.762	0.261	42.69397	-74.5305
12045	584	279	1900885	358876	0.734	0.139	42.48256	-73.8005
12046	817	347	39752712	5389579	15.349	2.081	42.50947	-73.9235
12047	19664	9738	22870488	3701161	8.83	1.429	42.78405	-73.7262
12051	7070	2115	55230325	945824	21.325	0.365	42.34553	-73.8425
12052	1568	756	78481366	2711667	30.302	1.047	42.75447	-73.4784
12053	4587	1851	1.6E+08	1705857	61.84	0.659	42.75754	-74.1909
12054	16918	7144	40007380	78543	15.447	0.03	42.60855	-73.8644
12056	2310	955	46631324	1265954	18.004	0.489	42.76479	-74.0952
12057	1835	792	91071725	31927	35.163	0.012	42.96889	-73.3463
12058	1445	709	49810354	793231	19.232	0.306	42.34513	-73.9184
12059	1632	1021	67209122	1809795	25.95	0.699	42.61923	-74.0609
12060	1507	874	89364743	342456	34.504	0.132	42.4104	-73.5053
12061	9050	3827	52133318	292713	20.129	0.113	42.59495	-73.6596
12062	1776	814	75007616	643940	28.961	0.249	42.53898	-73.505
12063	444	176	3690581	10502	1.425	0.004	42.56816	-73.6381
12064	563	333	29600946	35429	11.429	0.014	42.61417	-74.6557
12065	41776	18030	90379400	2575557	34.896	0.994	42.85228	-73.7856
12066	2143	946	86932724	2823194	33.565	1.09	42.80073	-74.3845
12067	1506	651	55453672	510205	21.411	0.197	42.55746	-73.9203
12068	3201	1365	79798849	1790080	30.811	0.691	42.95607	-74.4018
12069	256	101	1484746	306603	0.573	0.118	42.94617	-74.2796
12070	1410	617	31705037	375959	12.241	0.145	42.98606	-74.263
12071	270	163	23909016	0	9.231	0	42.55267	-74.4227
12072	2890	1155	1.25E+08	1398850	48.162	0.54	42.88489	-74.3567
12074	2963	1516	92324087	2225331	35.647	0.859	43.05422	-74.03
12075	3418	1595	1.02E+08	539873	39.286	0.208	42.29992	-73.6336
12076	1500	1440	1.94E+08	4919019	75	1.899	42.41027	-74.3957
12077	6246	2450	26121600	1025941	10.086	0.396	42.58816	-73.7777
12078	23773	11840	2.81E+08	9749260	108.485	3.764	43.13435	-74.3396
12083	3795	1839	1.12E+08	1265231	43.119	0.489	42.42486	-74.0265
12084	4271	2205	9346116	42742	3.609	0.017	42.70456	-73.8994
12085	479	203	454725	0	0.176	0	42.70331	-73.9633
12086	1865	910	15708787	155065	6.065	0.06	43.00901	-74.0863
12087	1073	456	50993000	659850	19.689	0.255	42.43225	-73.8929
12089	69	36	1404809	0	0.542	0	42.86748	-73.3128
12090	6262	2803	1.48E+08	25125	57.028	0.01	42.8768	-73.3515
12092	1304	604	38739078	444818	14.957	0.172	42.69608	-74.3787
12093	1666	1265	1.71E+08	517435	65.971	0.2	42.4978	-74.6281

12094	2268	913	73126549	1506291	28.234	0.582	42.89942	-73.4898
12095	12606	5441	1.57E+08	836288	60.64	0.323	43.02482	-74.4038
12106	2193	1057	37746223	103963	14.574	0.04	42.38955	-73.711
12108	416	940	3.67E+08	18529296	141.57	7.154	43.57325	-74.4515
12110	21908	7973	38035451	1164388	14.686	0.45	42.75091	-73.7752
12115	189	113	13423448	89117	5.183	0.034	42.4773	-73.5767
12116	1920	1112	99751107	2163604	38.514	0.835	42.5388	-74.9112
12117	3256	2098	1.16E+08	1761205	44.856	0.68	43.16929	-74.2611
12118	13897	6296	81780324	3608284	31.576	1.393	42.91338	-73.7083
12120	613	353	45353167	162006	17.511	0.063	42.44972	-74.1488
12121	1916	750	53391274	7664387	20.614	2.959	42.8399	-73.6074
12122	4582	2763	2.8E+08	1005735	108.078	0.388	42.54205	-74.3259
12123	5124	2283	84493279	1195782	32.623	0.462	42.52681	-73.6059
12124	606	280	6825392	10400	2.635	0.004	42.45311	-73.7976
12125	1373	763	46520294	7878	17.962	0.003	42.48475	-73.3998
12130	987	480	1546252	0	0.597	0	42.44222	-73.6594
12131	115	85	18298933	1048683	7.065	0.405	42.45751	-74.4646
12132	338	172	4815480	0	1.859	0	42.47052	-73.63
12134	3516	2922	5E+08	5838434	193.186	2.254	43.26622	-74.2285
12136	804	487	47010531	49375	18.151	0.019	42.43484	-73.5595
12137	1679	747	62101638	1025371	23.978	0.396	42.86035	-74.1331
12138	3168	1761	2.08E+08	1061903	80.259	0.41	42.74884	-73.3704
12139	295	704	6.19E+08	25959199	239.085	10.023	43.50018	-74.5796
12140	1702	671	21464106	183219	8.287	0.071	42.69668	-73.5401
12143	5137	2282	50145837	366180	19.361	0.141	42.48982	-73.8552
12144	20555	9474	49036543	1506120	18.933	0.582	42.62784	-73.7178
12147	499	315	50930855	479083	19.665	0.185	42.51861	-74.1588
12148	4569	1797	40531079	3314537	15.649	1.28	42.82779	-73.8482
12149	2474	1375	1.21E+08	896126	46.759	0.346	42.61665	-74.5634
12150	914	411	2839616	244070	1.096	0.094	42.88052	-74.0527
12151	708	358	6711172	342057	2.591	0.132	42.9227	-73.7872
12153	814	439	46691967	383844	18.028	0.148	42.62992	-73.4733
12154	2818	1172	1.08E+08	3214030	41.653	1.241	42.93746	-73.6058
12155	1977	1178	1.47E+08	343496	56.907	0.133	42.59636	-74.8277
12156	848	379	37151693	1767252	14.344	0.682	42.4835	-73.7473
12157	4061	1888	1.13E+08	257274	43.57	0.099	42.6698	-74.2861
12158	6309	2579	79239948	2443029	30.595	0.943	42.54209	-73.8221
12159	7896	3456	36488590	114783	14.088	0.044	42.65143	-73.8859
12160	944	415	45894459	361098	17.72	0.139	42.76162	-74.3832
12161	160	65	1059939	16016	0.409	0.006	42.53477	-73.8549
12164	365	572	1.2E+08	7369717	46.414	2.845	43.588	-74.3587
12165	175	115	8358130	4590	3.227	0.002	42.30572	-73.511
12166	1363	619	1.13E+08	783562	43.815	0.303	42.8336	-74.4455
12167	2438	1506	1.18E+08	819482	45.675	0.316	42.42494	-74.578
12168	1952	1025	90332204	297127	34.877	0.115	42.56086	-73.3807
12169	306	160	24662218	166025	9.522	0.064	42.59289	-73.448
12170	4945	2007	78008401	1784987	30.119	0.689	43.00196	-73.6673

12172	405	164	1144099	0	0.442	0	42.28876	-73.7392
12173	1753	784	44535675	52966	17.195	0.02	42.38001	-73.7597
12174	345	142	2976986	0	1.149	0	42.35345	-73.7284
12175	797	498	57248843	286487	22.104	0.111	42.54471	-74.5562
12176	198	102	8614680	257698	3.326	0.099	42.38202	-73.9809
12177	518	234	1581935	94794	0.611	0.037	42.95122	-74.2871
12180	53606	24331	1.42E+08	2731859	54.894	1.055	42.74859	-73.5995
12182	14733	6900	35586570	1490275	13.74	0.575	42.7997	-73.6309
12183	2620	1408	1935063	482922	0.747	0.186	42.74787	-73.6926
12184	7148	3105	99789705	1831181	38.529	0.707	42.42004	-73.6532
12185	2037	840	62941528	679971	24.302	0.263	42.86252	-73.5541
12186	6277	2728	81916907	1046805	31.628	0.404	42.63316	-73.9772
12187	697	393	59619084	58871	23.019	0.023	42.61884	-74.4636
12188	10980	4947	33615799	2765028	12.979	1.068	42.82123	-73.6955
12189	17568	9032	16496067	477521	6.369	0.184	42.73634	-73.7175
12190	674	780	4.58E+08	4051721	176.8	1.564	43.47563	-74.2854
12192	1722	771	44458248	111097	17.165	0.043	42.40903	-73.8277
12193	2016	928	1.01E+08	910350	38.879	0.351	42.52276	-74.0433
12194	207	138	39961746	22439	15.429	0.009	42.52844	-74.4476
12195	154	96	5064044	0	1.955	0	42.48279	-73.4751
12196	3031	1228	22898561	553473	8.841	0.214	42.63179	-73.6139
12197	2233	1394	1.74E+08	937451	67.034	0.362	42.61	-74.7247
12198	7903	3281	33910049	634571	13.093	0.245	42.67277	-73.6336
12202	9628	5207	5306156	575900	2.049	0.222	42.63375	-73.7632
12203	29952	13677	29546226	163132	11.408	0.063	42.67876	-73.8459
12204	7349	3798	10534351	861056	4.067	0.332	42.69153	-73.7338
12205	26977	12204	40906445	243508	15.794	0.094	42.71879	-73.8292
12206	16395	8208	5516300	0	2.13	0	42.67451	-73.7827
12207	1948	1122	2746948	403576	1.061	0.156	42.6575	-73.7464
12208	20702	10260	10861662	20810	4.194	0.008	42.65303	-73.81
12209	10121	4501	5544950	7882	2.141	0.003	42.63869	-73.7905
12210	10158	6252	2321851	14749	0.896	0.006	42.65962	-73.7564
12211	11303	4549	20537352	274582	7.93	0.106	42.7031	-73.7637
12222	6489	0	1403589	15294	0.542	0.006	42.68526	-73.8232
12302	27582	11968	1.1E+08	3188881	42.33	1.231	42.87818	-73.9825
12303	29857	12927	39875875	30397	15.396	0.012	42.75353	-73.9265
12304	21482	9295	17640246	83611	6.811	0.032	42.77469	-73.8983
12305	5716	3100	3859695	240546	1.49	0.093	42.81198	-73.9503
12306	25636	11533	1.12E+08	1723530	43.094	0.665	42.80543	-74.0442
12307	7692	3387	1845434	11575	0.713	0.004	42.80498	-73.9328
12308	15335	6588	5823815	164651	2.249	0.064	42.82098	-73.9197
12309	29343	12449	42920576	2311113	16.572	0.892	42.79983	-73.865
12401	35040	16382	1.51E+08	3445006	58.446	1.33	41.98754	-74.0103
12404	3385	1945	92428414	613979	35.687	0.237	41.81897	-74.2361
12405	780	447	18506273	75292	7.145	0.029	42.31791	-74.086
12406	823	719	1.12E+08	206660	43.232	0.08	42.07995	-74.5241
12407	173	156	8713930	0	3.364	0	42.31764	-74.3582

12409	804	589	36953034	576782	14.268	0.223	42.03995	-74.1823
12410	397	426	1.07E+08	92306	41.181	0.036	42.0661	-74.4247
12411	497	239	2427386	48057	0.937	0.019	41.87602	-74.0448
12412	673	353	15721043	0	6.07	0	42.01273	-74.2796
12413	2948	1658	42356213	235516	16.354	0.091	42.31398	-74.0222
12414	10510	5404	1.54E+08	1769794	59.603	0.683	42.23202	-73.9139
12416	277	260	13170617	2078	5.085	0.001	42.10322	-74.2807
12417	581	255	817159	74121	0.316	0.029	41.90642	-73.9907
12418	537	395	35781550	0	13.815	0	42.35876	-74.1617
12419	722	325	6202836	54141	2.395	0.021	41.86025	-74.102
12420	363	220	10732824	212110	4.144	0.082	41.67228	-74.3718
12421	470	633	50778844	22667	19.606	0.009	42.25004	-74.5461
12422	339	228	26387545	14148	10.188	0.005	42.39183	-74.2133
12423	1097	722	32933741	0	12.716	0	42.37922	-74.1097
12424	250	365	46027050	296981	17.771	0.115	42.24827	-74.1152
12427	576	378	1.06E+08	95296	41	0.037	42.13419	-74.1367
12428	6602	3433	1.4E+08	1500116	53.982	0.579	41.74283	-74.4473
12429	281	139	5461450	10812	2.109	0.004	41.83333	-73.9854
12430	1194	1157	1.03E+08	96190	39.684	0.037	42.20076	-74.4992
12431	1381	757	40058015	69166	15.466	0.027	42.36202	-74.0235
12432	492	216	1575475	0	0.608	0	42.04442	-73.9445
12433	483	290	9893657	223515	3.82	0.086	42.00053	-74.1565
12434	751	520	35661204	1106926	13.769	0.427	42.36364	-74.5024
12435	326	230	25789205	198624	9.957	0.077	41.73084	-74.5133
12436	417	424	39763602	358425	15.353	0.138	42.19576	-74.0778
12438	59	44	1137337	107475	0.439	0.041	42.20504	-74.6011
12439	305	448	20285730	59392	7.832	0.023	42.27782	-74.2104
12440	1980	1050	59870567	1126918	23.116	0.435	41.78115	-74.1729
12441	114	188	16386105	3491	6.327	0.001	42.13442	-74.5092
12442	953	1301	85919003	209406	33.174	0.081	42.18201	-74.223
12443	3825	1719	46667503	296305	18.018	0.114	41.93499	-74.0849
12444	497	623	39944500	155090	15.423	0.06	42.26423	-74.2975
12446	5061	2776	1.76E+08	595657	67.91	0.23	41.80905	-74.3264
12448	388	298	30202270	630494	11.661	0.243	42.09001	-74.158
12449	3367	1299	9378225	470175	3.621	0.182	41.99236	-73.9937
12450	183	211	25634491	0	9.898	0	42.13325	-74.2443
12451	1674	898	30576124	134106	11.806	0.052	42.30489	-73.9482
12452	213	207	22230440	0	8.583	0	42.25239	-74.3649
12453	366	174	1277726	0	0.493	0	42.09339	-73.9363
12454	297	280	28838772	114432	11.135	0.044	42.28695	-74.1495
12455	1988	1695	1.99E+08	2917964	76.703	1.127	42.14071	-74.6595
12456	639	245	1399184	52824	0.54	0.02	42.033	-73.9983
12457	763	553	36189767	0	13.973	0	42.04407	-74.2525
12458	3232	1182	83665854	255786	32.304	0.099	41.82292	-74.4321
12459	161	181	19706616	15716	7.609	0.006	42.24038	-74.6789
12460	277	161	5344180	0	2.063	0	42.41562	-74.1476
12461	1634	964	61872153	58368	23.889	0.023	41.90496	-74.268

12463	1484	825	28028103	66577	10.822	0.026	42.20559	-74.0208
12464	1020	916	1.14E+08	25209	44.144	0.01	42.02768	-74.3599
12465	266	312	7493022	25678	2.893	0.01	42.15715	-74.46
12466	2471	1183	2688098	0	1.038	0	41.90435	-73.979
12468	1036	852	1.13E+08	298023	43.611	0.115	42.30418	-74.4272
12469	677	594	87813018	51694	33.905	0.02	42.44774	-74.2386
12470	536	308	25344632	101505	9.786	0.039	42.30039	-74.0955
12471	215	114	907991	531303	0.351	0.205	41.84387	-74.0413
12472	1572	827	9243857	420147	3.569	0.162	41.84709	-74.0795
12473	861	476	38891152	0	15.016	0	42.25817	-74.041
12474	1162	943	1.14E+08	91280	44.156	0.035	42.32381	-74.583
12475	354	161	3183034	0	1.229	0	42.01524	-74.0154
12477	18787	8842	1.71E+08	1302706	65.839	0.503	42.09194	-73.99
12480	634	524	87890125	54349	33.935	0.021	42.13538	-74.3913
12481	1356	704	32416793	289711	12.516	0.112	41.98735	-74.2284
12482	680	345	5726553	0	2.211	0	42.26814	-73.9554
12483	259	298	8608112	76906	3.324	0.03	41.67238	-74.422
12484	2733	1376	61600815	82433	23.784	0.032	41.86184	-74.1765
12485	865	910	21729903	278203	8.39	0.107	42.205	-74.1442
12486	1523	661	8784846	489968	3.392	0.189	41.83242	-74.064
12487	3268	1437	40673239	734930	15.704	0.284	41.8694	-73.9988
12489	1292	259	15922250	208220	6.148	0.08	41.75049	-74.3583
12490	110	64	1352603	8150	0.522	0.003	42.12223	-73.9252
12491	1675	815	23279872	771736	8.988	0.298	41.96519	-74.1414
12492	271	298	99619938	0	38.463	0	42.18493	-74.3358
12493	495	233	17854456	53565	6.894	0.021	41.78559	-73.9741
12494	764	489	48545559	0	18.744	0	41.9566	-74.2929
12495	265	244	23672913	0	9.14	0	42.08492	-74.2407
12496	1634	2198	1.22E+08	180755	47.185	0.07	42.33729	-74.2697
12498	4851	3162	56454302	24959	21.797	0.01	42.04604	-74.1095
12501	2457	1149	79187390	842379	30.574	0.325	41.86349	-73.5736
12502	1164	745	84770055	1477400	32.73	0.57	42.08657	-73.6647
12503	775	521	54466824	408931	21.03	0.158	42.03596	-73.5801
12504	1395	47	3809756	2105941	1.471	0.813	42.0348	-73.9124
12507	167	77	3608974	306020	1.393	0.118	42.00818	-73.919
12508	19880	7703	37721340	180243	14.564	0.07	41.496	-73.9536
12512	127	71	1155772	2167	0.446	0.001	41.5485	-73.9684
12513	651	367	7561218	52857	2.919	0.02	42.21931	-73.7205
12514	2938	1384	69011672	713327	26.646	0.275	41.87742	-73.7644
12515	1549	616	12904933	116045	4.983	0.045	41.68477	-74.0648
12516	1833	1018	39459703	1119495	15.235	0.432	42.10628	-73.5636
12517	509	292	27089241	40338	10.459	0.016	42.1143	-73.5075
12518	5870	2494	25591374	305894	9.881	0.118	41.41616	-74.0431
12520	3109	1311	10238545	58816	3.953	0.023	41.42802	-73.9962
12521	1644	1130	85181270	813505	32.889	0.314	42.17134	-73.6505
12522	5172	2369	96671668	1148145	37.325	0.443	41.71507	-73.5994
12523	1798	1014	56693421	478469	21.889	0.185	42.08688	-73.7595

12524	15598	6369	42002747	503186	16.217	0.194	41.52954	-73.8904
12525	3311	1516	60890860	922850	23.51	0.356	41.69155	-74.1882
12526	3686	1862	82927404	416933	32.018	0.161	42.12223	-73.8588
12527	147	62	402995	0	0.156	0	41.51943	-73.9357
12528	13344	5454	1.07E+08	1667175	41.233	0.644	41.72205	-74.0095
12529	2859	1908	1.71E+08	2511224	65.995	0.97	42.19874	-73.5427
12530	124	65	900455	0	0.348	0	42.20747	-73.6878
12531	3601	1450	45311426	2606887	17.495	1.007	41.54056	-73.6717
12533	25307	9222	1.26E+08	1960407	48.603	0.757	41.56164	-73.7876
12534	17867	8716	2.25E+08	3146261	87.006	1.215	42.21735	-73.7523
12538	14578	5674	68315753	514961	26.377	0.199	41.79235	-73.8931
12540	7802	2785	88356663	776738	34.115	0.3	41.6712	-73.7249
12542	5913	2436	37073189	516313	14.314	0.199	41.61388	-74.015
12543	3001	1178	29725867	1596747	11.477	0.617	41.49554	-74.1731
12545	4763	2431	1.4E+08	2074452	54.196	0.801	41.78291	-73.6693
12546	3039	1642	1.18E+08	1306106	45.611	0.504	41.948	-73.5234
12547	2891	1174	26804787	452325	10.349	0.175	41.66069	-73.9866
12548	1494	597	15205630	538480	5.871	0.208	41.6577	-74.1018
12549	10201	3704	1.01E+08	1355805	38.809	0.523	41.52803	-74.2594
12550	54447	20342	89919649	3002177	34.718	1.159	41.53957	-74.0572
12553	24438	9650	63896350	2362435	24.671	0.912	41.45571	-74.0749
12561	18308	6733	1.54E+08	2195836	59.497	0.848	41.75931	-74.0961
12563	8084	2600	59105048	1405403	22.821	0.543	41.49919	-73.5872
12564	7338	3052	1.05E+08	1525869	40.615	0.589	41.58262	-73.5826
12565	1487	705	3758959	113677	1.451	0.044	42.24713	-73.6476
12566	10753	4322	1.41E+08	543819	54.382	0.21	41.63352	-74.3197
12567	2854	1579	1.19E+08	1493278	45.883	0.577	41.9862	-73.6422
12569	9826	4086	85571044	1448490	33.039	0.559	41.73456	-73.7928
12570	7699	2662	55711916	689352	21.51	0.266	41.62632	-73.6757
12571	9918	4548	1.5E+08	1682551	57.923	0.65	42.00278	-73.8096
12572	9123	4376	1.31E+08	2525703	50.557	0.975	41.92489	-73.8637
12574	329	189	1304571	0	0.504	0	41.91769	-73.9457
12575	2258	781	25622807	657877	9.893	0.254	41.46671	-74.1789
12577	2029	700	15203799	408016	5.87	0.158	41.42404	-74.1221
12578	2411	979	40541503	428467	15.653	0.165	41.80913	-73.7959
12580	4402	1844	55835535	598407	21.558	0.231	41.86365	-73.8715
12581	2246	1231	1.05E+08	1021190	40.432	0.394	41.90188	-73.7007
12582	6191	1420	33105980	1043487	12.782	0.403	41.54429	-73.7384
12583	2451	1084	33717176	211480	13.018	0.082	42.06337	-73.8687
12585	885	335	12748970	204004	4.922	0.079	41.7264	-73.6915
12586	12540	4740	61415272	1029698	23.713	0.398	41.56276	-74.1701
12589	17228	5192	1.49E+08	3334249	57.35	1.287	41.62379	-74.1588
12590	35102	13905	89249211	1382142	34.459	0.534	41.59256	-73.8869
12592	1486	653	48443596	598767	18.704	0.231	41.80207	-73.5786
12594	4275	1692	62322881	1600457	24.063	0.618	41.6844	-73.5577
12601	43398	17530	48707908	694108	18.806	0.268	41.70191	-73.9115
12603	42810	16411	83725860	601969	32.327	0.232	41.67587	-73.8645

12604	586	2	255320	0	0.099	0	41.68827	-73.8923
12701	11324	6521	1.49E+08	3585248	57.508	1.384	41.65026	-74.7004
12719	1207	738	44632414	1147677	17.233	0.443	41.49825	-74.9043
12720	172	151	33270953	1346408	12.846	0.52	41.64585	-74.9078
12721	6627	2756	65672753	262339	25.356	0.101	41.58172	-74.4224
12722	158	77	720906	0	0.278	0	41.59063	-74.3743
12723	1826	1105	81985907	1297012	31.655	0.501	41.7531	-74.9877
12724	245	189	19570755	1404	7.556	0.001	41.83762	-74.9587
12725	277	314	1.76E+08	268136	67.785	0.104	41.98313	-74.5697
12726	1162	811	75838745	1681429	29.282	0.649	41.70821	-75.0172
12729	1874	865	57485832	895285	22.195	0.346	41.47579	-74.6235
12732	786	582	64922639	1967789	25.067	0.76	41.55193	-74.8746
12733	1446	710	13190880	115040	5.093	0.044	41.72477	-74.6179
12734	867	555	35669164	94065	13.772	0.036	41.73459	-74.7505
12736	118	123	15763379	998	6.086	0	41.85284	-75.0218
12737	1910	1242	92723187	6011768	35.801	2.321	41.50148	-74.7986
12738	320	189	16988123	122383	6.559	0.047	41.67618	-74.5861
12740	1886	1148	1.93E+08	2721720	74.355	1.051	41.93892	-74.434
12741	351	230	21362293	316590	8.248	0.122	41.83914	-75.0777
12742	181	131	5568508	20998	2.15	0.008	41.72433	-74.7235
12743	389	333	21217377	1613736	8.192	0.623	41.54864	-74.831
12745	178	100	4161115	0	1.607	0	41.78343	-75.0246
12746	937	400	36728527	837301	14.181	0.323	41.44238	-74.6568
12747	1714	920	36139531	1169949	13.954	0.452	41.75093	-74.6929
12748	2076	1160	56792304	398264	21.928	0.154	41.77464	-74.9226
12749	300	439	7618590	66913	2.942	0.026	41.69525	-74.8412
12750	187	120	11019331	571521	4.255	0.221	41.72924	-74.9675
12751	1054	516	8850777	1203793	3.417	0.465	41.69587	-74.6644
12752	242	248	4487698	365223	1.733	0.141	41.68004	-74.9942
12754	7221	3915	68832503	457218	26.576	0.177	41.79907	-74.7364
12758	4042	2902	3.95E+08	3686289	152.399	1.423	41.94028	-74.7391
12759	1649	1489	16019879	574943	6.185	0.222	41.78173	-74.6589
12760	482	592	1.1E+08	1044381	42.316	0.403	41.90393	-75.1078
12762	512	279	16425311	1269555	6.342	0.49	41.66436	-74.7922
12763	942	699	36955489	459645	14.269	0.177	41.67635	-74.5228
12764	1802	1361	1.54E+08	4610051	59.476	1.78	41.59155	-74.9956
12765	885	419	32358677	122187	12.494	0.047	41.85233	-74.6212
12766	437	296	20816277	13955	8.037	0.005	41.81521	-74.9789
12767	126	81	7657508	40778	2.957	0.016	41.83809	-74.9944
12768	1131	912	90234888	1349859	34.84	0.521	41.86444	-74.73
12769	253	164	12781739	0	4.935	0	41.65794	-74.4673
12770	296	193	11652326	709961	4.499	0.274	41.44911	-74.8431
12771	14511	6165	89661260	1948412	34.618	0.752	41.37438	-74.6243
12775	2297	1557	27151049	2812798	10.483	1.086	41.61565	-74.5923
12776	2180	2034	2.84E+08	3539018	109.674	1.366	41.96338	-74.9587
12777	764	536	1.37E+08	3712633	52.756	1.433	41.5618	-74.7096
12778	633	1064	14797059	289051	5.713	0.112	41.64268	-74.8176

12779	2460	1489	22232718	950536	8.584	0.367	41.70247	-74.6322
12780	2312	1102	61706612	1855552	23.825	0.716	41.44014	-74.7273
12781	307	168	11051465	0	4.267	0	41.61968	-74.4664
12783	1668	1308	86119538	2839651	33.251	1.096	41.73863	-74.8337
12784	94	59	5854688	17004	2.261	0.007	41.66988	-74.6382
12785	1024	460	43164075	2315153	16.666	0.894	41.53239	-74.5613
12786	665	811	38752747	7226293	14.963	2.79	41.63863	-74.8572
12787	452	256	9090606	4208	3.51	0.002	41.7954	-74.845
12788	2908	1373	60861148	548118	23.499	0.212	41.78754	-74.5893
12789	1838	1564	24837343	351186	9.59	0.136	41.70413	-74.571
12790	4518	3048	1.15E+08	4913713	44.398	1.897	41.59212	-74.5176
12791	737	417	16984129	25567	6.558	0.01	41.81728	-74.8929
12792	335	230	8783380	6194	3.391	0.002	41.51392	-74.9598
12801	14707	7112	10226789	358646	3.949	0.138	43.31116	-73.6453
12803	7567	3272	15328805	1268109	5.918	0.49	43.29008	-73.6294
12804	26540	11902	1.38E+08	5888953	53.103	2.274	43.34095	-73.6859
12808	306	626	57457280	7381139	22.184	2.85	43.76015	-73.7156
12809	3528	1759	1.31E+08	3340957	50.623	1.29	43.23708	-73.4545
12810	627	363	1.72E+08	2953833	66.404	1.14	43.49197	-73.9859
12811	127	65	4458806	0	1.722	0	43.60547	-74.0283
12812	150	324	1.6E+08	11741977	61.949	4.534	43.87579	-74.3898
12814	1574	1822	1.18E+08	849011	45.502	0.328	43.62454	-73.6362
12815	871	1112	94772411	7707307	36.592	2.976	43.69595	-73.6679
12816	4610	2400	1.64E+08	1063436	63.155	0.411	43.04424	-73.382
12817	2274	2164	1.39E+08	5656000	53.575	2.184	43.63959	-73.8236
12819	403	247	75047529	1202575	28.976	0.464	43.59087	-73.4685
12821	2750	141	14369840	158825	5.548	0.061	43.45356	-73.416
12822	6200	3110	1.7E+08	3745524	65.82	1.446	43.22851	-73.9222
12823	238	152	11034861	209331	4.261	0.081	43.17996	-73.4091
12824	894	868	39273408	1260401	15.164	0.487	43.52476	-73.7272
12827	3877	1860	3.19E+08	4006896	123.347	1.547	43.46093	-73.5299
12828	9448	3921	1.2E+08	3634806	46.325	1.403	43.25499	-73.5584
12831	17416	6748	1.74E+08	2568303	67.169	0.992	43.19533	-73.6918
12832	7106	3164	2.08E+08	1646167	80.384	0.636	43.35847	-73.3303
12833	4401	1833	91286323	393998	35.246	0.152	43.15	-73.8409
12834	6594	2914	2.24E+08	2468500	86.678	0.953	43.09421	-73.5006
12835	2603	2865	2.52E+08	5089050	97.403	1.965	43.33275	-74.0063
12836	574	731	1.14E+08	1218492	43.949	0.47	43.71234	-73.6056
12837	857	367	38317817	445621	14.795	0.172	43.47645	-73.2556
12838	608	262	13159674	5586	5.081	0.002	43.32907	-73.4049
12839	13588	5899	84244822	557730	32.527	0.215	43.35449	-73.554
12841	77	326	43945319	105970	16.967	0.041	43.6056	-73.5334
12842	1166	1499	4.91E+08	25654780	189.642	9.905	43.73835	-74.3671
12843	600	421	1.52E+08	1554764	58.578	0.6	43.5651	-73.9727
12844	199	352	7089980	0	2.737	0	43.4894	-73.6212
12845	4842	3744	1.15E+08	787124	44.288	0.304	43.42405	-73.7127
12846	3298	2106	1.51E+08	3025615	58.159	1.168	43.34595	-73.7897

12847	605	1316	1.14E+09	98234557	440.591	37.929	44.00838	-74.6092
12849	385	159	7043412	28971	2.719	0.011	43.44957	-73.2983
12850	2835	1390	1.21E+08	2286569	46.763	0.883	43.10262	-73.9814
12851	366	350	2.88E+08	6315597	111.137	2.438	43.84189	-74.0345
12852	436	692	3.17E+08	13755025	122.238	5.311	43.93619	-74.1637
12853	1770	1230	2.25E+08	3765949	86.946	1.454	43.65779	-74.065
12855	259	300	4.72E+08	8333748	182.181	3.218	44.02701	-73.7581
12856	187	261	1.65E+08	2777920	63.591	1.073	43.66594	-74.143
12857	498	494	1.11E+08	1426818	42.932	0.551	43.81956	-73.8906
12858	59	288	25343723	3748905	9.785	1.447	43.90893	-73.6758
12859	2220	899	57024807	150828	22.017	0.058	43.17188	-73.9209
12860	748	510	41666976	555306	16.088	0.214	43.757	-73.8433
12861	609	674	84928002	1465753	32.791	0.566	43.74689	-73.4175
12862	17	29	6029642	519198	2.328	0.2	43.6854	-73.9103
12863	533	247	9307447	0	3.594	0	43.06038	-73.9319
12864	36	150	540542	0	0.209	0	43.72731	-74.3054
12865	3663	1819	1.87E+08	892399	72.347	0.345	43.21416	-73.3475
12866	36915	17843	1.74E+08	10608102	67.017	4.096	43.07372	-73.7402
12870	1509	1765	2.77E+08	18310301	106.899	7.07	43.83006	-73.7612
12871	4084	1764	77071744	2195297	29.758	0.848	43.08857	-73.613
12872	31	60	790310	0	0.305	0	43.87466	-73.7344
12873	736	406	54696406	569	21.118	0	43.11745	-73.3116
12874	142	410	55472480	796414	21.418	0.307	43.69056	-73.5497
12878	719	565	2.22E+08	2699541	85.578	1.042	43.41503	-74.0275
12883	5025	2900	2.07E+08	5119218	79.851	1.977	43.83662	-73.5528
12884	486	201	1290125	0	0.498	0	43.0884	-73.5913
12885	4602	2463	1.86E+08	4924927	71.823	1.902	43.52305	-73.8066
12886	269	195	37497688	137940	14.478	0.053	43.6827	-73.9347
12887	4972	2391	2.17E+08	2581093	83.676	0.997	43.53676	-73.3658
12901	33439	14456	1.97E+08	1925075	75.951	0.743	44.70402	-73.4711
12903	1217	649	1496374	6877	0.578	0.003	44.6803	-73.4459
12910	2148	874	1.68E+08	923425	64.94	0.357	44.85503	-73.6364
12911	36	19	224627	131066	0.087	0.051	44.52144	-73.4608
12912	1998	1241	2.34E+08	11339146	90.372	4.378	44.48095	-73.7725
12913	1157	646	70246208	5760885	27.122	2.224	44.4301	-74.0022
12914	1044	421	82617750	425162	31.899	0.164	44.92742	-74.6029
12916	2135	935	1.07E+08	35657	41.463	0.014	44.83405	-74.5157
12917	1403	609	1.12E+08	0	43.078	0	44.92764	-74.1789
12918	2381	1023	1.02E+08	1075303	39.293	0.415	44.70074	-73.6767
12919	3037	1514	99475036	801087	38.408	0.309	44.96454	-73.4471
12920	2842	1544	2.4E+08	3260016	92.793	1.259	44.88277	-74.066
12921	2410	1194	86036723	363044	33.219	0.14	44.89134	-73.4381
12922	65	150	1.14E+08	3637443	43.968	1.404	44.28661	-74.7021
12923	632	344	1.36E+08	75209	52.386	0.029	44.96031	-73.9394
12924	158	75	7051378	196494	2.723	0.076	44.48135	-73.5806
12926	2208	999	1.26E+08	54989	48.481	0.021	44.95082	-74.329
12927	224	580	2.86E+08	34203057	110.604	13.206	44.20733	-74.8097

12928	2028	1117	1.96E+08	2201775	75.496	0.85	43.96385	-73.5833
12929	3938	510	3083885	0	1.191	0	44.72003	-73.7192
12930	634	367	93669930	195597	36.166	0.076	44.72046	-74.5432
12932	1236	806	1.65E+08	2025047	63.728	0.782	44.21488	-73.6102
12933	17	7	70856	0	0.027	0	44.89099	-73.8453
12934	1074	506	1.52E+08	54712	58.851	0.021	44.87531	-73.8738
12935	1748	960	2.55E+08	9100083	98.613	3.514	44.84466	-73.7969
12936	599	539	79797317	246063	30.81	0.095	44.28506	-73.4015
12937	1572	718	84759742	11744	32.726	0.005	44.96085	-74.4785
12939	205	97	10712786	57867	4.136	0.022	44.43296	-74.1608
12941	1428	941	1.05E+08	718113	40.476	0.277	44.34846	-73.7057
12942	646	589	1.37E+08	316872	52.935	0.122	44.23256	-73.8276
12943	459	603	2.67E+08	1434185	103.005	0.554	44.12276	-73.8835
12944	4080	2151	2.33E+08	4819477	90.122	1.861	44.44237	-73.5148
12945	638	611	86008134	18693727	33.208	7.218	44.30909	-74.2404
12946	5492	3694	3.35E+08	10506291	129.446	4.057	44.20611	-74.0463
12950	929	425	1.22E+08	366605	47.14	0.142	44.31837	-73.5812
12952	546	392	74692925	0	28.839	0	44.70832	-73.9057
12953	15836	5610	5.45E+08	11224205	210.417	4.334	44.74519	-74.2601
12955	381	361	79475690	10522730	30.686	4.063	44.80665	-73.9704
12956	1259	547	23339134	475627	9.011	0.184	44.09761	-73.4813
12957	1726	791	82758629	0	31.953	0	44.84832	-74.5746
12958	1929	864	96217850	357588	37.15	0.138	44.96086	-73.5722
12959	1369	636	1E+08	261371	38.629	0.101	44.95235	-73.7199
12960	1148	538	78741370	906675	30.402	0.35	44.01576	-73.5723
12961	180	88	10361538	0	4.001	0	44.05711	-73.5495
12962	5499	2283	1.11E+08	1070268	43.007	0.413	44.70139	-73.6054
12964	161	140	89349554	1836919	34.498	0.709	44.12592	-73.6267
12965	516	226	24695575	63924	9.535	0.025	44.70346	-74.6853
12966	2915	1305	2.23E+08	174302	86.158	0.067	44.79889	-74.4187
12967	1223	495	97402414	83171	37.607	0.032	44.77492	-74.6576
12969	423	549	2.56E+08	4808511	98.651	1.857	44.71088	-74.0982
12970	963	296	1.3E+08	9345884	50.28	3.608	44.47814	-74.3075
12972	6364	2619	2.14E+08	1511191	82.727	0.583	44.55408	-73.5693
12973	187	136	92427930	3114229	35.687	1.202	44.28768	-74.5947
12974	1599	838	20815331	37694	8.037	0.015	44.06014	-73.4648
12975	265	170	7385720	0	2.852	0	44.52909	-73.4305
12976	260	246	99378671	3101939	38.37	1.198	44.52048	-74.2136
12977	1753	61	23166590	290683	8.945	0.112	44.27702	-74.073
12978	403	161	6769081	0	2.614	0	44.61636	-73.8087
12979	2304	1175	8804362	0	3.399	0	44.99165	-73.3734
12980	1304	1259	6.62E+08	8880178	255.789	3.429	44.56385	-74.5241
12981	2253	1080	2.75E+08	2005451	106.003	0.774	44.6271	-73.8459
12983	7494	4840	5.45E+08	53331721	210.523	20.591	44.28642	-74.1716
12985	1072	481	1.43E+08	665874	55.335	0.257	44.56071	-73.739
12986	6120	3741	5.86E+08	61745161	226.238	23.84	44.22601	-74.4809
12987	201	142	16055169	38405	6.199	0.015	44.32084	-73.7535

12989	1010	863	3.83E+08	7289385	147.752	2.814	44.52011	-74.0698
12992	4778	2046	1.65E+08	331200	63.566	0.128	44.81745	-73.5177
12993	1623	1197	1.87E+08	612822	72.064	0.237	44.21135	-73.4762
12996	2086	1650	1.32E+08	2260753	50.893	0.873	44.35528	-73.4481
12997	1239	827	1.69E+08	602556	65.237	0.233	44.3728	-73.892
12998	526	262	31177925	319714	12.038	0.123	44.0778	-73.5765
13020	150	54	1211234	0	0.468	0	42.81642	-76.0745
13021	39506	18525	3.11E+08	577631	120.203	0.223	42.92228	-76.5585
13024	1733	0	107576	0	0.042	0	42.9346	-76.5742
13026	1914	917	72911005	39923	28.151	0.015	42.74404	-76.6523
13027	31637	13717	1.76E+08	4807535	68.059	1.856	43.16644	-76.3643
13028	1350	817	48400493	781132	18.688	0.302	43.30119	-75.9268
13029	7109	2999	45892381	992796	17.719	0.383	43.22594	-76.1513
13030	3892	1845	34495568	227742	13.319	0.088	43.15223	-75.9627
13031	15551	6730	62949560	25879	24.305	0.01	43.04446	-76.3103
13032	12790	5785	2.11E+08	225951	81.525	0.087	43.08163	-75.7661
13033	3556	1492	1.6E+08	1329876	61.649	0.513	43.18849	-76.5626
13034	1989	1089	62926173	243140	24.296	0.094	42.96199	-76.7112
13035	8617	3542	1.94E+08	5066142	74.792	1.956	42.94086	-75.8301
13036	8680	3723	1.26E+08	1266904	48.786	0.489	43.30926	-76.1668
13037	8897	3727	1.06E+08	234737	40.921	0.091	43.0623	-75.856
13039	17537	6805	58521744	18438	22.595	0.007	43.17214	-76.0562
13040	2758	1313	2.49E+08	1373899	96.106	0.53	42.55965	-75.9308
13041	10705	3992	47296860	1109331	18.261	0.428	43.19209	-76.1923
13042	2356	1265	86798635	929513	33.513	0.359	43.26045	-75.8526
13044	2512	1090	71937295	792410	27.775	0.306	43.29125	-75.9962
13045	30112	12112	2.76E+08	889470	106.577	0.343	42.57381	-76.2021
13051	153	71	610483	0	0.236	0	42.87673	-75.9086
13052	1679	1104	1.26E+08	2383795	48.458	0.92	42.71231	-75.8652
13053	5015	2084	85939700	660726	33.182	0.255	42.47957	-76.2679
13054	1582	633	57244069	469494	22.102	0.181	43.16935	-75.6668
13057	14992	6828	72130925	553525	27.85	0.214	43.10196	-76.0379
13060	2806	1191	41419807	46324	15.992	0.018	43.02286	-76.4119
13061	1040	754	67308609	2528909	25.988	0.976	42.87185	-75.7621
13062	173	87	467202	16917	0.18	0.007	42.4841	-76.3844
13063	1898	719	90064298	272669	34.774	0.105	42.84785	-75.978
13064	64	122	459975	2948338	0.178	1.138	43.329	-76.7119
13066	12390	5551	38779103	757897	14.973	0.293	43.03248	-76.0007
13068	5368	2281	1.32E+08	814774	51.134	0.315	42.49243	-76.3592
13069	24931	10482	2.78E+08	9567052	107.215	3.694	43.32928	-76.3807
13071	1023	430	64278146	65138	24.818	0.025	42.6751	-76.5426
13072	1123	482	1.22E+08	46852	47.05	0.018	42.76221	-75.764
13073	6423	2620	1.42E+08	305530	54.9	0.118	42.58367	-76.3879
13074	4488	1808	1.1E+08	443363	42.46	0.171	43.31092	-76.5498
13076	2393	918	39649587	18971	15.309	0.007	43.35372	-76.1493
13077	6735	2948	1.83E+08	1160209	70.56	0.448	42.72797	-76.211
13078	9866	3759	1.01E+08	1199426	38.921	0.463	42.95848	-76.0611

13080	3631	1772	72665577	6508492	28.056	2.513	43.09321	-76.4853
13081	1169	671	75001738	30756	28.958	0.012	42.67362	-76.6272
13082	4871	2099	61047647	1069998	23.571	0.413	43.10273	-75.9599
13083	1809	825	1.5E+08	166057	57.995	0.064	43.64597	-75.9787
13084	4409	1876	1.11E+08	29634	43.006	0.011	42.88054	-76.1245
13087	168	102	529334	437468	0.204	0.169	42.7086	-76.1541
13088	22156	10664	20613882	26880	7.959	0.01	43.11242	-76.1895
13090	30124	12364	38997883	341769	15.057	0.132	43.15308	-76.2124
13092	2606	1097	1.26E+08	285569	48.525	0.11	42.65456	-76.4193
13101	2508	1059	1.01E+08	14017	39.107	0.005	42.58913	-76.056
13102	85	42	150735	2921	0.058	0.001	42.5503	-76.292
13103	326	118	885765	37654	0.342	0.015	43.32576	-76.1095
13104	15567	6296	1.22E+08	107771	47.252	0.042	42.96303	-75.9484
13108	6175	2557	75560615	74517	29.174	0.029	42.96485	-76.3311
13110	2338	1274	63645837	27177	24.574	0.01	42.8954	-76.2804
13111	1700	689	68911379	234920	26.607	0.091	43.25849	-76.6143
13112	1973	837	52456428	3440394	20.254	1.328	43.10627	-76.4172
13113	287	103	1345153	0	0.519	0	43.16265	-76.5386
13114	6356	2848	1.63E+08	1891938	62.885	0.73	43.46571	-76.2448
13115	224	99	1200818	0	0.464	0	43.39865	-76.4788
13116	3457	1457	3421058	0	1.321	0	43.0748	-76.0079
13117	188	85	2109606	0	0.815	0	43.0093	-76.7075
13118	6382	2853	2.65E+08	493369	102.488	0.19	42.75559	-76.3873
13120	2328	1066	44284159	186204	17.098	0.072	42.93317	-76.1751
13122	1174	453	48432164	38895	18.7	0.015	42.84118	-75.8565
13123	314	170	6128027	0	2.366	0	43.23356	-75.7691
13124	124	74	12135105	13637	4.685	0.005	42.66107	-75.8236
13126	37205	15047	2.61E+08	26021822	100.772	10.047	43.4388	-76.4575
13131	3895	1580	1.37E+08	416153	52.931	0.161	43.42324	-76.0918
13132	4244	1780	61449007	1053733	23.726	0.407	43.27193	-76.251
13134	119	51	213790	0	0.083	0	42.96737	-75.6847
13135	6617	2785	82736732	2990577	31.945	1.155	43.25369	-76.3144
13136	534	286	48279592	23754	18.641	0.009	42.6141	-75.8448
13138	61	25	102864	0	0.04	0	42.89909	-76.0146
13140	4488	1957	1.35E+08	4235923	52.272	1.635	43.06038	-76.6503
13141	596	284	33939704	142894	13.104	0.055	42.7525	-76.1857
13142	6451	3449	1.83E+08	11761582	70.532	4.541	43.5549	-76.1379
13143	2873	1199	1.12E+08	1594678	43.197	0.616	43.23579	-76.7148
13144	1531	843	99528004	1868541	38.428	0.721	43.56875	-75.977
13145	1926	1238	43217548	253038	16.686	0.098	43.65032	-76.1191
13146	2443	960	1.41E+08	1097616	54.381	0.424	43.08565	-76.7502
13147	1281	506	92942861	18808	35.885	0.007	42.77541	-76.5696
13148	10750	5188	1.56E+08	8449111	60.061	3.262	42.91487	-76.7834
13152	7941	4281	1.67E+08	122084	64.659	0.047	42.89084	-76.3726
13153	399	167	2316193	0	0.894	0	42.99656	-76.4536
13155	663	327	52969188	138683	20.452	0.054	42.67455	-75.7767
13156	2000	1315	77622264	3051023	29.97	1.178	43.32599	-76.6613

13157	695	754	1436842	151905	0.555	0.059	43.20665	-75.7214
13158	1855	815	1.85E+08	222904	71.359	0.086	42.69694	-75.9511
13159	5184	2238	2.02E+08	3230886	78.096	1.247	42.80277	-76.1118
13160	2027	946	55111472	46723	21.279	0.018	42.8276	-76.6489
13162	385	325	4552385	56994	1.758	0.022	43.18505	-75.7147
13163	339	146	1372678	18713	0.53	0.007	43.07968	-75.7105
13164	2338	852	27779643	22712	10.726	0.009	43.09689	-76.3126
13165	10741	4640	1.76E+08	849128	67.983	0.328	42.91664	-76.8833
13166	5610	2354	1.06E+08	2064707	40.819	0.797	43.07192	-76.5568
13167	3342	1479	88385560	449444	34.126	0.174	43.32642	-76.0603
13202	5438	2594	2583576	0	0.998	0	43.04378	-76.1506
13203	16029	8328	4402313	0	1.7	0	43.06111	-76.1349
13204	19931	9681	11416575	96435	4.408	0.037	43.05082	-76.1775
13205	19201	8693	8934477	0	3.45	0	43.00528	-76.142
13206	16443	8401	10226509	0	3.948	0	43.07347	-76.1058
13207	13897	6070	8003301	121463	3.09	0.047	43.01287	-76.1634
13208	22854	10211	10810716	0	4.174	0	43.07877	-76.1452
13209	13243	6104	32949932	287324	12.722	0.111	43.0685	-76.2243
13210	27606	8905	11826334	7491	4.566	0.003	43.03119	-76.127
13211	6517	2820	12198995	0	4.71	0	43.10357	-76.1195
13212	20356	9118	27434413	3219	10.592	0.001	43.1297	-76.1302
13214	8793	3327	9467889	20027	3.656	0.008	43.03871	-76.0756
13215	15245	5653	87896162	112676	33.937	0.044	42.98079	-76.2234
13219	15363	6781	12845078	49323	4.96	0.019	43.04127	-76.2242
13224	8891	3968	7716206	0	2.979	0	43.03716	-76.1029
13290	0	0	628183	30039	0.243	0.012	43.06914	-76.173
13301	98	147	6327547	423296	2.443	0.163	43.41605	-75.2182
13302	1610	954	1.14E+08	4436955	44.16	1.713	43.49811	-75.9651
13303	1153	529	91659582	63556	35.39	0.025	43.36741	-75.4682
13304	1684	764	45027709	603754	17.385	0.233	43.24388	-75.1603
13305	293	111	2484758	0	0.959	0	43.89229	-75.4212
13308	3625	1627	1E+08	1716710	38.655	0.663	43.25127	-75.6577
13309	5889	2818	3.77E+08	1885156	145.459	0.728	43.45201	-75.3554
13310	624	302	19620637	238378	7.576	0.092	42.88962	-75.5715
13312	331	714	1.65E+08	2623792	63.744	1.013	43.69708	-75.1947
13313	526	230	5829804	0	2.251	0	42.88022	-75.2729
13314	443	193	10036669	54450	3.875	0.021	42.81653	-75.3191
13315	1419	718	1.27E+08	439280	49.097	0.17	42.74414	-75.1436
13316	6460	3021	4.2E+08	717952	162.237	0.277	43.41892	-75.7397
13317	3784	1722	1.19E+08	1531432	46.121	0.591	42.8541	-74.5908
13318	1325	522	65741288	29950	25.383	0.012	42.92018	-75.2615
13319	1079	461	2295989	0	0.886	0	43.02644	-75.2669
13320	2018	1190	1.99E+08	380904	76.862	0.147	42.77781	-74.7408
13321	1049	527	2089622	43875	0.807	0.017	43.08778	-75.3706
13322	1076	574	31461243	132467	12.147	0.051	42.95435	-75.2017
13323	11323	4459	98527749	88820	38.042	0.034	43.03998	-75.3794
13324	2149	1438	3.09E+08	11336698	119.345	4.377	43.32588	-74.9667

13325	866	619	2E+08	110658	77.39	0.043	43.58283	-75.5271
13326	5561	3414	2.47E+08	1647193	95.388	0.636	42.72251	-74.8954
13327	2056	1217	3.46E+08	6744210	133.422	2.604	43.97293	-75.2623
13328	1267	548	41087158	0	15.864	0	42.9851	-75.429
13329	3889	1905	1.37E+08	1222301	52.941	0.472	43.11098	-74.7035
13331	189	919	2.09E+08	12103204	80.667	4.673	43.86631	-74.8809
13332	2460	1149	1.27E+08	379821	49.182	0.147	42.76419	-75.5818
13333	62	30	4404887	7598	1.701	0.003	42.837	-74.8186
13334	1374	846	75341782	1444363	29.09	0.558	42.82704	-75.6564
13335	1590	686	98817757	97567	38.154	0.038	42.70226	-75.2482
13337	790	438	47908553	300099	18.498	0.116	42.7578	-74.9995
13338	1206	1567	6.3E+08	14073530	243.093	5.434	43.51038	-74.9823
13339	6941	2943	2.8E+08	2253643	108.178	0.87	42.9369	-74.6587
13340	8205	3499	1.5E+08	834675	57.874	0.322	43.06164	-75.1286
13341	102	40	476975	0	0.184	0	43.03609	-75.3969
13342	165	88	20565960	145521	7.941	0.056	42.65414	-75.1952
13343	1658	1164	1.46E+08	2471472	56.18	0.954	43.75124	-75.3115
13345	177	93	12791341	42214	4.939	0.016	43.68711	-75.3213
13346	6735	2413	97926856	2676622	37.81	1.033	42.8185	-75.5429
13348	1469	760	95759954	172530	36.973	0.067	42.70998	-75.0669
13350	10093	4568	78789789	1428300	30.421	0.551	43.06116	-75.0006
13352	65	33	434504	43070	0.168	0.017	43.31334	-75.1162
13353	86	289	5.13E+08	9624966	197.914	3.716	43.44733	-74.6946
13354	3342	1369	1.35E+08	139987	52.081	0.054	43.26509	-75.2685
13355	905	381	75387380	35945	29.107	0.014	42.80984	-75.4304
13357	11096	4885	81693149	368830	31.542	0.142	42.97096	-75.0812
13360	333	1010	1.6E+08	10137325	61.662	3.914	43.72179	-74.7148
13361	824	328	73361022	6520	28.325	0.003	42.90435	-74.8676
13362	60	21	714898	0	0.276	0	42.98218	-75.522
13363	2315	999	54876360	117109	21.188	0.045	43.32453	-75.5131
13364	243	111	7656967	0	2.956	0	42.80498	-75.2611
13365	8906	4424	3.47E+08	4124737	134.094	1.593	43.12569	-74.8533
13367	8830	4313	1.17E+09	45809018	453.38	17.687	43.75773	-75.5327
13368	1118	632	1.18E+08	2740664	45.584	1.058	43.63848	-75.2868
13402	1534	714	65747343	281796	25.385	0.109	42.89239	-75.5005
13403	7372	1697	69169426	960031	26.706	0.371	43.16453	-75.2676
13404	236	93	7631020	0	2.946	0	43.73639	-75.4718
13406	725	338	28257173	170269	10.91	0.066	43.13451	-74.9249
13407	5453	2451	1.41E+08	1368078	54.289	0.528	42.9688	-74.9506
13408	4280	1188	97444354	320308	37.623	0.124	42.92295	-75.6767
13409	2374	982	89291631	0	34.476	0	42.97646	-75.5951
13410	241	108	256023	0	0.099	0	42.93117	-74.6125
13411	3264	1627	1.77E+08	742446	68.455	0.287	42.63379	-75.3065
13413	16135	7198	51509884	180365	19.888	0.07	43.06036	-75.2794
13415	77	50	5125170	0	1.979	0	42.59649	-75.1985
13416	2271	1021	1.35E+08	916800	52.005	0.354	43.18739	-74.9706
13417	3305	1851	3377612	0	1.304	0	43.10097	-75.2938

13418	255	106	13509603	953	5.216	0	42.8457	-75.3805
13420	1266	2782	5.64E+08	33412195	217.589	12.901	43.71777	-74.9841
13421	14125	6209	1.09E+08	211866	42.008	0.082	43.06192	-75.6601
13424	2725	948	28871889	0	11.147	0	43.15237	-75.3652
13425	1970	857	66154982	28200	25.543	0.011	42.96479	-75.4871
13428	1635	704	40884211	314040	15.785	0.121	42.91507	-74.5462
13431	2069	841	95460191	821782	36.857	0.317	43.20908	-75.0733
13433	1820	852	1.13E+08	2015058	43.61	0.778	43.58952	-75.2424
13435	286	126	539473	0	0.208	0	43.30498	-75.1508
13436	108	582	99291384	24892701	38.337	9.611	43.81102	-74.6662
13437	460	721	2.49E+08	1331910	96.125	0.514	43.58031	-75.8039
13438	3789	2123	2.22E+08	5815346	85.813	2.245	43.35414	-75.1596
13439	3950	2337	2.23E+08	1385563	86.115	0.535	42.85732	-74.9953
13440	42986	18723	2.92E+08	3634457	112.876	1.403	43.21577	-75.4618
13441	51	15	9300659	0	3.591	0	43.22638	-75.4082
13450	104	59	6166082	0	2.381	0	42.70193	-74.8103
13452	4629	2096	1.98E+08	2065756	76.302	0.798	43.04306	-74.6305
13454	826	381	1.11E+08	733374	43.05	0.283	43.21984	-74.7577
13456	4164	1733	72707011	0	28.072	0	43.00003	-75.2555
13459	2222	1091	1.32E+08	352341	50.912	0.136	42.77501	-74.5887
13460	4429	2039	1.85E+08	481807	71.499	0.186	42.68704	-75.4428
13461	3083	1392	6004726	0	2.318	0	43.07047	-75.5991
13464	1189	592	99315539	158151	38.346	0.061	42.68797	-75.6158
13468	451	229	25191145	280744	9.726	0.108	42.84825	-74.8519
13469	847	332	10402989	189652	4.017	0.073	43.21483	-75.3024
13470	725	607	1.73E+08	4341056	66.914	1.676	43.20965	-74.6101
13471	3540	1462	2.43E+08	953871	93.842	0.368	43.3576	-75.5774
13472	310	389	37411807	1100263	14.445	0.425	43.69741	-75.0678
13473	766	463	1.19E+08	434983	46.135	0.168	43.64294	-75.4464
13475	28	16	39136	0	0.015	0	42.89374	-74.8305
13476	3032	1364	55311988	28029	21.356	0.011	43.0875	-75.5095
13477	1452	593	52448071	0	20.25	0	43.03289	-75.5129
13478	3083	1286	92687502	22690	35.787	0.009	43.14401	-75.5819
13480	3532	1492	1.39E+08	464779	53.749	0.179	42.91786	-75.3632
13483	256	118	17921423	213418	6.92	0.082	43.39734	-75.8261
13484	176	74	6604476	0	2.55	0	42.86633	-75.6592
13485	1132	545	1.14E+08	414878	44.17	0.16	42.78753	-75.3152
13486	815	368	76274708	8974835	29.45	3.465	43.34515	-75.3446
13488	98	77	10837468	39386	4.184	0.015	42.68864	-74.7506
13489	658	316	1.11E+08	1302775	42.699	0.503	43.46077	-75.5525
13490	1361	549	30647149	0	11.833	0	43.11008	-75.4265
13491	3641	1607	1.87E+08	125325	72.349	0.048	42.86414	-75.1681
13492	11596	5173	39055977	8688	15.08	0.003	43.1146	-75.3377
13493	2070	945	1.93E+08	9506121	74.539	3.67	43.43284	-75.8975
13494	314	608	45348993	1057533	17.509	0.408	43.53253	-75.1413
13495	2144	1037	2260355	0	0.873	0	43.11089	-75.2775
13501	38546	16932	22659189	152592	8.749	0.059	43.08128	-75.2258

13502	33257	15249	1.39E+08	1087841	53.762	0.42	43.14126	-75.1547
13601	38158	16971	3.64E+08	7133271	140.705	2.754	43.96889	-75.9065
13602	3881	120	25250353	641363	9.749	0.248	44.06653	-75.7783
13603	9760	3233	14130091	82655	5.456	0.032	44.03597	-75.7938
13605	4777	2279	2.09E+08	1574238	80.734	0.608	43.80729	-76.0503
13606	2716	1093	91026778	380910	35.146	0.147	43.87257	-76.0147
13607	1822	1812	46173096	585380	17.828	0.226	44.29851	-75.9357
13608	1719	708	1.03E+08	1366640	39.606	0.528	44.25469	-75.6153
13612	2852	1197	45983348	515146	17.754	0.199	43.98524	-75.7694
13613	2726	1224	2.16E+08	2096411	83.304	0.809	44.87061	-74.7504
13614	357	171	23220973	0	8.966	0	44.53089	-75.6912
13615	1271	520	9941600	9796	3.838	0.004	44.0291	-75.9885
13616	1880	815	14357373	4035	5.543	0.002	44.03008	-75.8576
13617	11299	3836	3.31E+08	2838508	127.688	1.096	44.58053	-75.1428
13618	1711	2414	1.3E+08	7171060	50.363	2.769	44.11477	-76.291
13619	10901	4688	2.82E+08	4770902	109.01	1.842	43.97895	-75.601
13620	2197	855	1.2E+08	1000031	46.277	0.386	43.90878	-75.4483
13621	650	338	70465456	2135833	27.207	0.825	44.83369	-75.0803
13622	2432	1478	1.51E+08	3587339	58.177	1.385	44.09923	-76.1093
13623	49	91	1026859	0	0.396	0	44.44979	-75.7525
13624	5457	3582	1.64E+08	2226689	63.416	0.86	44.20948	-76.0931
13625	1868	1151	1.43E+08	3157275	55.347	1.219	44.5381	-74.9284
13626	2267	1134	2.57E+08	531722	99.301	0.205	43.83009	-75.7348
13628	220	99	477227	125023	0.184	0.048	44.03054	-75.6824
13630	1525	596	1.24E+08	1004645	48.006	0.388	44.49862	-75.3115
13633	345	190	51297309	2181394	19.806	0.842	44.49743	-75.456
13634	3984	2220	1.14E+08	3745814	44.161	1.446	44.01129	-76.0737
13635	1092	545	1.44E+08	2089646	55.575	0.807	44.28673	-75.2808
13636	282	112	8304333	0	3.206	0	43.74344	-76.1165
13637	4491	1832	91224000	55143	35.222	0.021	44.1062	-75.8183
13638	378	164	3160012	232666	1.22	0.09	44.01907	-75.7417
13639	243	129	50187297	617388	19.377	0.238	44.26368	-75.1505
13640	271	923	32011485	663410	12.36	0.256	44.30356	-76.0281
13641	91	288	799487	10869	0.309	0.004	44.2738	-76.0034
13642	10088	4159	4.69E+08	9782132	181.083	3.777	44.33539	-75.4559
13643	19	11	93794	0	0.036	0	44.03181	-75.7171
13646	2211	2720	2.78E+08	25963281	107.375	10.024	44.44608	-75.6742
13647	69	32	236491	0	0.091	0	44.60588	-74.9806
13648	2424	1640	4.75E+08	12506390	183.301	4.829	44.15022	-75.318
13650	1391	1536	1.07E+08	5937801	41.26	2.293	43.81131	-76.2161
13651	127	194	6343483	523634	2.449	0.202	43.86616	-76.177
13652	1815	973	1.72E+08	2202224	66.47	0.85	44.43266	-75.1868
13654	2461	1062	1.73E+08	10369220	66.648	4.004	44.57711	-75.4368
13655	3512	1365	52372449	5831823	20.221	2.252	44.98206	-74.6501
13656	2861	1076	2.2E+08	1564162	85.071	0.604	44.19224	-75.9555
13658	2357	985	2.04E+08	271853	78.706	0.105	44.74308	-75.2794
13659	593	416	1.47E+08	236943	56.821	0.091	43.73801	-75.8634

13660	1891	776	1.39E+08	1446813	53.776	0.559	44.77387	-75.161
13661	1646	1114	1.19E+08	11565196	46.082	4.465	43.70962	-76.0984
13662	16582	7608	2.3E+08	16341385	88.843	6.309	44.93233	-74.884
13664	399	250	2546420	108304	0.983	0.042	44.58401	-75.6455
13665	882	440	1.12E+08	525833	43.354	0.203	44.04846	-75.4344
13666	266	184	1.01E+08	8914206	39.11	3.442	44.21849	-74.9261
13667	3181	1404	1.28E+08	1077708	49.602	0.416	44.83727	-74.9601
13668	3329	1463	95191348	3152651	36.754	1.217	44.75495	-74.9863
13669	16452	7202	2.65E+08	4388473	102.275	1.694	44.67278	-75.4823
13670	430	398	1.88E+08	2850191	72.68	1.1	44.16738	-75.1167
13672	602	675	3.23E+08	4443038	124.698	1.715	44.47054	-74.6607
13673	2249	934	90398991	37921	34.903	0.015	44.16427	-75.7178
13674	126	54	1469719	51800	0.567	0.02	43.73856	-76.0482
13675	160	59	2727097	431205	1.053	0.166	44.28172	-75.8463
13676	16646	5879	4.13E+08	3815937	159.51	1.473	44.65496	-74.9262
13677	93	34	508885	80224	0.196	0.031	44.51243	-75.1797
13678	211	107	2033861	100693	0.785	0.039	44.81377	-74.9929
13679	1853	1612	1.62E+08	13052416	62.479	5.04	44.31989	-75.7706
13680	1244	505	91021450	872135	35.144	0.337	44.59599	-75.3234
13681	897	369	87534640	836252	33.797	0.323	44.42805	-75.3731
13682	877	361	81186315	117423	31.346	0.045	43.84331	-75.9019
13684	1131	737	4.09E+08	3066887	157.89	1.184	44.3566	-75.0131
13685	2272	1548	52169184	6065929	20.143	2.342	43.92547	-76.0855
13687	479	676	3.48E+08	25340053	134.416	9.784	44.43296	-74.8367
13690	846	561	1.34E+08	2182601	51.641	0.843	44.10837	-74.9912
13691	3176	1709	1.87E+08	8737619	72.225	3.374	44.22722	-75.7739
13692	27	299	706798	0	0.273	0	44.28879	-76.0263
13693	503	1117	50147109	4373294	19.362	1.689	43.98575	-76.2461
13694	1507	777	57885671	1355163	22.35	0.523	44.8576	-75.146
13695	134	180	44032191	864198	17.001	0.334	44.10293	-74.9223
13696	87	49	4823562	0	1.862	0	44.69474	-74.888
13697	2281	993	1.7E+08	993127	65.52	0.383	44.75471	-74.8103
13730	2805	1475	1.27E+08	1492096	49.034	0.576	42.22324	-75.5327
13731	1162	1287	2.32E+08	7892272	89.636	3.047	42.12842	-74.7874
13732	8153	3291	85342848	2095007	32.951	0.809	42.04945	-76.1675
13733	5216	2552	2.35E+08	1679915	90.73	0.649	42.30175	-75.4795
13734	2287	952	93811937	1411041	36.221	0.545	42.06996	-76.4097
13736	2338	987	1.57E+08	95690	60.663	0.037	42.32408	-76.202
13739	953	642	1.04E+08	197255	40.268	0.076	42.34912	-74.7891
13740	554	507	1.02E+08	128284	39.569	0.05	42.27381	-74.757
13743	3806	1659	1.52E+08	264147	58.716	0.102	42.21189	-76.3382
13744	1137	477	30009539	10155	11.587	0.004	42.24349	-75.908
13746	2539	1132	71832143	1250804	27.735	0.483	42.26893	-75.8847
13748	3800	1657	34292998	1082924	13.241	0.418	42.04258	-75.8225
13750	1092	640	69718236	423725	26.918	0.164	42.47101	-74.8579
13751	189	84	5093557	87572	1.967	0.034	42.45419	-74.9029
13752	782	646	1.26E+08	3630541	48.52	1.402	42.19056	-74.897

13753	5848	2272	2.43E+08	1643738	93.721	0.635	42.30696	-74.9269
13754	3310	2049	2.06E+08	3814187	79.598	1.473	42.08848	-75.448
13755	1228	937	1.49E+08	9704875	57.501	3.747	42.05524	-74.9669
13756	613	582	1.19E+08	1669729	45.879	0.645	42.0041	-75.1007
13757	1045	643	96343751	224573	37.199	0.087	42.41061	-74.8912
13760	44264	20765	1.27E+08	1168021	49.181	0.451	42.13339	-76.0847
13774	201	131	7366066	386637	2.844	0.149	41.96013	-75.1494
13775	1631	983	1.37E+08	938589	53.086	0.362	42.32791	-75.134
13776	513	274	14726344	2152	5.686	0.001	42.47035	-75.332
13777	727	299	15589127	0	6.019	0	42.25817	-75.9896
13778	5948	2818	2.51E+08	1304760	96.871	0.504	42.35922	-75.7595
13780	1045	560	57370528	611866	22.151	0.236	42.42249	-75.4766
13782	755	566	95072285	246965	36.708	0.095	42.16963	-74.9913
13783	2670	2113	2.96E+08	13088200	114.277	5.053	41.99366	-75.266
13784	172	79	1211396	0	0.468	0	42.42688	-76.2213
13786	464	339	40161145	226223	15.506	0.087	42.44098	-74.6939
13787	3629	1642	1.65E+08	1204222	63.639	0.465	42.21253	-75.672
13788	991	656	91475557	136814	35.319	0.053	42.33903	-74.6658
13790	19104	9152	75014148	734840	28.963	0.284	42.16536	-76.0019
13794	105	47	1858219	0	0.717	0	42.39324	-76.0137
13795	3800	1618	52719091	897482	20.355	0.347	42.05664	-75.7789
13796	1236	635	57779057	418336	22.309	0.162	42.55719	-75.1321
13797	2250	919	86238872	282995	33.297	0.109	42.33367	-76.0404
13801	1398	977	1.78E+08	1340825	68.555	0.518	42.50509	-75.777
13802	718	284	26042703	56025	10.055	0.022	42.24213	-76.0413
13803	3975	1690	2.32E+08	766014	89.705	0.296	42.45688	-76.0671
13804	391	221	39369327	85713	15.201	0.033	42.2257	-75.3842
13806	205	111	8016591	10715	3.095	0.004	42.37554	-74.9571
13807	1199	700	61664782	996272	23.809	0.385	42.60746	-74.9882
13808	1771	917	95308754	173005	36.799	0.067	42.52523	-75.2622
13809	1517	761	77896815	0	30.076	0	42.40381	-75.3955
13810	1149	661	1.04E+08	474869	40.028	0.183	42.60682	-75.1084
13811	4354	1859	1.64E+08	291536	63.435	0.113	42.23493	-76.1641
13812	2348	1011	81768276	2430494	31.571	0.938	42.03006	-76.3548
13813	977	529	72147918	1722104	27.856	0.665	42.16371	-75.5513
13815	13999	6554	2.78E+08	1532206	107.247	0.592	42.54787	-75.5309
13820	22455	8840	2.78E+08	1148710	107.301	0.444	42.48343	-75.0369
13825	3442	1673	1.46E+08	410652	56.544	0.159	42.43558	-75.2046
13826	58	49	2170183	634707	0.838	0.245	42.09982	-75.6388
13827	11759	5279	2.37E+08	2346781	91.512	0.906	42.11783	-76.2492
13830	5042	2510	2.86E+08	2056889	110.486	0.794	42.43558	-75.6276
13832	709	342	71832148	109133	27.735	0.042	42.65813	-75.6722
13833	4255	1797	92550433	388600	35.734	0.15	42.19821	-75.7686
13834	118	68	900860	106436	0.348	0.041	42.53098	-74.9659
13835	1511	715	1.09E+08	93101	42.214	0.036	42.38321	-76.179
13838	4409	2153	26687076	308754	10.304	0.119	42.2851	-75.3881
13839	1405	855	1.03E+08	401145	39.754	0.155	42.26204	-75.2521

13841	529	316	30857994	1128072	11.914	0.436	42.40699	-75.8422
13842	695	308	32351002	334747	12.491	0.129	42.3767	-74.7236
13843	1888	992	1.41E+08	203688	54.416	0.079	42.50671	-75.3814
13844	724	368	62135980	106370	23.991	0.041	42.60818	-75.6683
13845	83	39	1005039	8591	0.388	0.003	42.05343	-76.3549
13846	305	167	21057938	87534	8.131	0.034	42.36372	-75.0547
13847	67	43	8442092	59104	3.26	0.023	42.1806	-75.2921
13849	4551	2372	1.72E+08	1653180	66.227	0.638	42.3501	-75.3093
13850	22004	9479	1.32E+08	2211789	51.147	0.854	42.0494	-76.0176
13856	6596	3976	4.79E+08	11972925	185.092	4.623	42.17104	-75.1833
13859	182	83	1242630	78414	0.48	0.03	42.37249	-75.2453
13860	94	44	2371876	4229	0.916	0.002	42.44796	-74.942
13861	432	187	11420740	44221	4.41	0.017	42.50854	-75.1511
13862	4189	1775	1.46E+08	5646139	56.503	2.18	42.33096	-75.931
13863	688	366	39360404	462430	15.197	0.179	42.4555	-75.8989
13864	1149	560	69024219	14637	26.65	0.006	42.27167	-76.3886
13865	6371	3070	2.86E+08	3248636	110.322	1.254	42.03206	-75.6156
13901	19773	9685	60140090	2222381	23.22	0.858	42.18318	-75.8761
13902	6177	0	1844246	0	0.712	0	42.08882	-75.9689
13903	18763	8613	1.03E+08	1247830	39.607	0.482	42.04189	-75.8891
13904	9579	4256	60087700	277277	23.2	0.107	42.13412	-75.8202
13905	28026	13468	70050582	614267	27.047	0.237	42.17044	-75.9434
14001	9464	4254	1.71E+08	419077	65.923	0.162	43.03659	-78.5109
14004	12704	4290	1.24E+08	874229	47.911	0.338	42.89137	-78.5037
14005	1986	760	86567899	275566	33.424	0.106	42.92059	-78.2501
14006	9858	4920	67000641	1435040	25.869	0.554	42.63313	-79.0217
14008	1467	581	63330285	2221329	24.452	0.858	43.31273	-78.6232
14009	5672	2757	1.92E+08	620027	74.095	0.239	42.59327	-78.3975
14011	9822	2633	1.73E+08	246034	66.804	0.095	42.83067	-78.2997
14012	2362	1036	83324961	3205987	32.172	1.238	43.33217	-78.5326
14013	1751	723	1.05E+08	945882	40.497	0.365	43.08629	-78.3977
14020	23306	10303	1.79E+08	940697	69.105	0.363	42.99619	-78.2134
14024	1688	807	1.64E+08	1155363	63.178	0.446	42.58136	-78.2455
14025	3039	1275	57843049	0	22.333	0	42.62216	-78.7269
14026	674	292	1949845	0	0.753	0	42.94231	-78.688
14028	1595	751	35059747	1325263	13.537	0.512	43.31804	-78.7176
14030	1807	775	51451977	558665	19.866	0.216	42.56439	-78.5076
14031	9392	3854	48489564	596144	18.722	0.23	42.98313	-78.6143
14032	7989	2783	60102569	0	23.206	0	43.04673	-78.6308
14033	2219	943	44771841	46515	17.287	0.018	42.65438	-78.6921
14034	2742	793	66565427	23322	25.701	0.009	42.49574	-78.8712
14035	125	67	591693	0	0.228	0	42.49078	-78.8484
14036	5201	2201	1.4E+08	495994	54.173	0.192	42.97385	-78.3895
14037	1166	479	44825997	19887	17.307	0.008	42.80279	-78.4533
14039	101	52	4838841	0	1.868	0	42.85148	-78.1731
14040	2217	907	75697863	494435	29.227	0.191	42.89087	-78.3766
14041	237	110	5888815	116110	2.274	0.045	42.39884	-78.9716

14042	3969	1945	1.18E+08	634111	45.645	0.245	42.47556	-78.4888
14043	24742	11475	22510684	0	8.691	0	42.90197	-78.7034
14047	6440	2757	34025341	2591446	13.137	1.001	42.68736	-78.9866
14048	15072	7365	60355641	18952272	23.303	7.318	42.48436	-79.317
14051	19533	7476	42310745	180832	16.336	0.07	43.04284	-78.6994
14052	17329	7271	1.6E+08	206075	61.969	0.08	42.77254	-78.5844
14054	1344	539	64381775	62158	24.858	0.024	42.91959	-78.1268
14055	1405	609	83752175	88591	32.337	0.034	42.56288	-78.6001
14057	8116	3296	1.25E+08	173379	48.165	0.067	42.64657	-78.8748
14058	2285	899	1.03E+08	74652	39.847	0.029	43.10205	-78.1689
14059	8933	3716	69748676	10290	26.93	0.004	42.83355	-78.634
14060	443	252	45947326	385574	17.74	0.149	42.45016	-78.2965
14061	349	150	2481142	0	0.958	0	42.59388	-79.0793
14062	3329	1547	1.87E+08	791878	72.342	0.306	42.4384	-79.1431
14063	14870	5761	1.31E+08	790064	50.42	0.305	42.40841	-79.3311
14065	1896	830	96586200	290312	37.292	0.112	42.48491	-78.3128
14066	1318	617	1.05E+08	401927	40.395	0.155	42.62905	-78.1855
14067	5040	2018	1.28E+08	276505	49.5	0.107	43.2132	-78.5684
14068	7150	2991	8960289	0	3.46	0	43.02733	-78.7566
14069	844	418	22054558	31308	8.515	0.012	42.61522	-78.6429
14070	6732	2350	1.32E+08	813394	51.108	0.314	42.41966	-78.9177
14072	20374	8273	73228020	202194	28.273	0.078	43.0179	-78.9627
14075	41937	18280	1.02E+08	949523	39.521	0.367	42.71325	-78.8333
14080	4330	1870	1.37E+08	152299	52.88	0.059	42.64833	-78.5483
14081	3095	1566	91088217	2344989	35.169	0.905	42.56321	-79.0678
14082	426	204	25716706	288270	9.929	0.111	42.65756	-78.3849
14085	7353	2658	18048173	894599	6.968	0.345	42.72165	-78.9187
14086	31847	12609	87734538	623501	33.874	0.241	42.90906	-78.6293
14091	1079	433	55066724	21135	21.261	0.008	42.53823	-78.893
14092	11086	5033	51046046	15318	19.709	0.006	43.17322	-78.9931
14094	50666	22387	3.16E+08	596989	121.932	0.23	43.15769	-78.7021
14098	2958	1686	1.19E+08	0	46.056	0	43.33437	-78.3806
14101	1905	1110	1.1E+08	1550413	42.431	0.599	42.39265	-78.5382
14102	1281	484	9860812	26672	3.807	0.01	42.83703	-78.5577
14103	11183	4808	2.07E+08	1281084	79.95	0.495	43.21116	-78.3768
14105	4566	1954	1.22E+08	708107	47.099	0.273	43.19916	-78.4839
14108	5882	2374	70163129	0	27.09	0	43.26334	-78.727
14109	1117	1	1226540	0	0.474	0	43.13795	-79.0342
14111	3352	1449	93413117	447040	36.067	0.173	42.58026	-78.9047
14112	85	28	103462	0	0.04	0	42.69796	-78.94
14113	703	313	44083112	310	17.021	0	42.67158	-78.3399
14120	45100	20022	85216484	920367	32.902	0.355	43.07932	-78.8427
14125	3782	1510	90965682	1875270	35.122	0.724	43.08492	-78.2746
14126	588	383	1485339	874703	0.573	0.338	43.33588	-78.7286
14127	29961	12586	1.07E+08	205375	41.131	0.079	42.7528	-78.7397
14129	1591	669	80023205	800107	30.897	0.309	42.48118	-79.0174
14130	265	103	2820684	0	1.089	0	42.55598	-78.1477

14131	5283	2259	1.09E+08	1938105	42.25	0.748	43.2386	-78.8998
14132	6218	2451	72723613	0	28.079	0	43.14933	-78.8777
14134	104	45	2197743	0	0.849	0	42.52768	-78.524
14135	119	55	2675690	0	1.033	0	42.48769	-79.2409
14136	5033	2375	59970495	10885742	23.155	4.203	42.51735	-79.1748
14138	2018	861	1.21E+08	1211367	46.864	0.468	42.37951	-79.0367
14139	2125	938	61796292	82550	23.86	0.032	42.71841	-78.5414
14141	7728	3313	1.83E+08	392660	70.513	0.152	42.52497	-78.7121
14143	1214	546	37452769	128201	14.461	0.049	42.97192	-78.064
14145	1618	674	72864290	63831	28.133	0.025	42.72961	-78.4343
14150	41676	19750	38695331	177051	14.94	0.068	42.99808	-78.8783
14167	1663	816	97561258	9927	37.669	0.004	42.75003	-78.3247
14168	36	17	102648	0	0.04	0	42.52039	-78.9905
14169	151	71	798388	0	0.308	0	42.76615	-78.5237
14170	2286	974	31923358	140096	12.326	0.054	42.70025	-78.6743
14171	2077	1029	1.32E+08	441500	50.997	0.17	42.42467	-78.6498
14172	3200	1591	63789246	5328479	24.629	2.057	43.27267	-78.8129
14173	396	193	1499234	0	0.579	0	42.52597	-78.4731
14174	5794	2616	63268229	8503023	24.428	3.283	43.24914	-78.9983
14201	11549	6991	2661751	157983	1.028	0.061	42.89606	-78.8864
14202	3911	2247	2150797	999478	0.83	0.386	42.88148	-78.8775
14203	1618	936	6829294	3019157	2.637	1.166	42.86921	-78.8698
14204	8691	5000	4651931	0	1.796	0	42.88214	-78.8613
14206	20751	10885	12552705	16234	4.847	0.006	42.88008	-78.8105
14207	23552	11053	10110620	49797	3.904	0.019	42.95193	-78.8989
14208	11125	5594	3569130	5623	1.378	0.002	42.91589	-78.8531
14209	7926	4683	2366994	0	0.914	0	42.91394	-78.866
14210	14694	7328	8301518	324608	3.205	0.125	42.86266	-78.8287
14211	22611	12243	10464917	17591	4.041	0.007	42.90629	-78.82
14212	10641	6614	4939280	0	1.907	0	42.89421	-78.8201
14213	24465	11532	5855257	296544	2.261	0.114	42.9181	-78.8924
14214	19775	9142	7399335	0	2.857	0	42.93965	-78.8407
14215	39999	18275	12743313	0	4.92	0	42.93532	-78.8107
14216	22431	11740	7199114	105583	2.78	0.041	42.94962	-78.8611
14217	23480	11384	8318459	0	3.212	0	42.97187	-78.8769
14218	19039	9443	21231675	967166	8.198	0.373	42.81937	-78.831
14219	11536	5416	18213745	855940	7.032	0.33	42.78871	-78.8265
14220	24227	11117	9850778	152682	3.803	0.059	42.84574	-78.8221
14221	53555	23800	59550976	67469	22.993	0.026	42.98452	-78.7229
14222	14046	7950	3326180	0	1.284	0	42.91992	-78.8769
14223	22665	10241	8889745	0	3.432	0	42.97345	-78.8462
14224	39889	17752	52478122	142438	20.262	0.055	42.83783	-78.7479
14225	33385	16108	30632302	105687	11.827	0.041	42.92882	-78.7525
14226	29267	13007	17909095	3829	6.915	0.001	42.97101	-78.7965
14227	23426	11219	22374089	40835	8.639	0.016	42.88691	-78.7306
14228	20857	9121	41079503	716934	15.861	0.277	43.04437	-78.7773
14261	5713	2	3009917	93954	1.162	0.036	43.00763	-78.7915

14301	12817	7396	4330451	0	1.672	0	43.09582	-79.0404
14302	107	107	35992	0	0.014	0	43.0939	-79.0492
14303	5981	3599	6362273	0	2.456	0	43.08498	-79.0384
14304	30389	14307	57462795	0	22.187	0	43.09941	-78.952
14305	16898	8139	21262901	112762	8.21	0.044	43.12283	-79.0232
14411	14491	5487	2.93E+08	886715	113.283	0.342	43.23597	-78.2165
14414	7142	3093	1.02E+08	143171	39.305	0.055	42.89096	-77.7438
14415	132	56	3760955	0	1.452	0	42.7555	-77.0171
14416	3817	1568	96431728	240617	37.232	0.093	43.08269	-77.9801
14418	1325	966	96771723	104511	37.364	0.04	42.60443	-77.2164
14420	20467	7612	1.57E+08	406707	60.567	0.157	43.21174	-77.9346
14422	2468	1004	88109135	221767	34.019	0.086	43.08476	-78.067
14423	4799	2019	1.31E+08	649870	50.476	0.251	42.93395	-77.8211
14424	27007	12972	3.29E+08	435686	127.162	0.168	42.8567	-77.3033
14425	10717	4205	48376900	0	18.678	0	42.99151	-77.338
14427	1964	994	78231718	1306952	30.205	0.505	42.62159	-78.0539
14428	8096	3280	1.32E+08	925021	51.134	0.357	43.08052	-77.8536
14432	5726	2358	1E+08	0	38.638	0	42.95739	-77.1435
14433	4629	1946	1.71E+08	827550	66.171	0.32	43.08213	-76.8776
14435	2941	1598	94886821	19530	36.636	0.008	42.71255	-77.6633
14437	11415	4423	3.21E+08	142089	124.101	0.055	42.57474	-77.7367
14441	325	185	908445	14640	0.351	0.006	42.68461	-76.9576
14445	8019	3687	4930012	19934	1.903	0.008	43.11306	-77.4903
14450	41104	17504	82437138	773220	31.829	0.299	43.09265	-77.421
14454	11073	3560	1.31E+08	50465	50.624	0.019	42.79777	-77.7746
14456	20087	8724	2.02E+08	449849	78.01	0.174	42.8477	-76.999
14462	655	258	31032584	0	11.982	0	42.68653	-77.7511
14464	7524	2997	79395771	1647042	30.655	0.636	43.32704	-77.9322
14466	1719	734	44610420	0	17.224	0	42.77652	-77.581
14467	9105	3855	27901531	675926	10.773	0.261	43.03643	-77.612
14468	17813	7162	1.37E+08	7470636	53.076	2.884	43.29396	-77.802
14469	6220	2636	1.71E+08	198565	65.955	0.077	42.87792	-77.471
14470	8016	3378	1.66E+08	102382	64.11	0.04	43.20521	-78.0577
14471	2672	1965	70268518	0	27.131	0	42.75376	-77.4922
14472	8598	3469	1.13E+08	759837	43.713	0.293	42.96682	-77.5751
14475	234	92	3951645	0	1.526	0	42.93782	-77.4983
14476	2288	974	64202239	88358	24.789	0.034	43.32938	-78.0428
14477	1732	829	67798700	304762	26.177	0.118	43.33313	-78.1404
14478	1595	703	30311215	0	11.703	0	42.57782	-77.1263
14479	275	111	3833266	0	1.48	0	43.23626	-78.3138
14480	833	455	3351845	41273	1.294	0.016	42.83849	-77.7104
14481	1820	819	61560928	0	23.769	0	42.7618	-77.9215
14482	8275	3647	1.52E+08	327398	58.509	0.126	42.9789	-77.9715
14485	4267	1792	91548060	117183	35.347	0.045	42.88264	-77.601
14486	308	128	14590487	0	5.633	0	42.89428	-77.9216
14487	6025	2700	86513787	0	33.403	0	42.81176	-77.636
14489	7192	3133	1.75E+08	1089526	67.654	0.421	43.08838	-76.9943

14502	10691	4326	96611472	543120	37.302	0.21	43.09647	-77.3354
14504	1701	771	2946897	0	1.138	0	42.96898	-77.2315
14505	5393	2164	1.03E+08	266736	39.604	0.103	43.15942	-77.169
14506	1325	505	7462231	10676	2.881	0.004	43.00551	-77.5167
14507	1351	890	84757337	96350	32.725	0.037	42.68492	-77.2549
14510	4895	2215	1.81E+08	286760	69.917	0.111	42.68301	-77.869
14511	497	230	5980947	107583	2.309	0.042	42.99937	-77.8918
14512	4721	2629	2.66E+08	174	102.761	0	42.64524	-77.3998
14513	13976	6073	1.21E+08	637568	46.904	0.246	43.08631	-77.0921
14514	6389	2614	9703221	32188	3.746	0.012	43.10996	-77.8149
14516	2365	1119	73363779	4654598	28.326	1.797	43.20133	-76.9193
14517	2883	1269	88409304	0	34.135	0	42.59243	-77.8959
14519	11581	4709	1.06E+08	223366	40.791	0.086	43.23397	-77.3146
14521	2761	1390	97891381	53353	37.796	0.021	42.67664	-76.805
14522	9565	4185	1.21E+08	260019	46.811	0.1	43.06191	-77.222
14525	2865	1137	1.18E+08	205007	45.605	0.079	42.87751	-78.0133
14526	19804	8308	43333217	96664	16.731	0.037	43.15146	-77.4444
14527	12820	6670	3.51E+08	303380	135.435	0.117	42.66551	-77.0663
14529	67	33	1010136	0	0.39	0	42.53998	-77.6381
14530	5575	2833	1.28E+08	1046391	49.299	0.404	42.73991	-77.9987
14532	4431	1869	1.05E+08	891908	40.643	0.344	42.9641	-77.0321
14533	2000	795	83234847	19315	32.137	0.007	42.83881	-77.8888
14534	31426	12390	83726227	730821	32.327	0.282	43.05689	-77.521
14536	687	321	47193482	425175	18.222	0.164	42.54398	-78.0837
14537	207	84	876090	0	0.338	0	43.03581	-77.1632
14539	242	94	548223	0	0.212	0	42.8345	-77.8748
14541	4129	1279	1.27E+08	493092	49.221	0.19	42.75756	-76.8488
14542	97	43	4793744	0	1.851	0	43.14733	-76.8601
14543	3152	1261	65196375	918461	25.172	0.355	42.98368	-77.6783
14544	2101	1117	73124615	64788	28.234	0.025	42.75625	-77.2437
14545	173	78	3716761	0	1.435	0	42.66486	-77.701
14546	4695	2108	88473575	786459	34.16	0.304	43.03268	-77.78
14548	4249	1750	77896777	0	30.076	0	42.97607	-77.2439
14549	91	52	291068	0	0.112	0	42.70003	-78.0173
14550	1537	795	51804279	2284101	20.002	0.882	42.6799	-78.0935
14551	5651	2468	1.13E+08	308972	43.691	0.119	43.21811	-77.0494
14555	974	971	8123085	8211313	3.136	3.17	43.26079	-76.9757
14559	18057	7101	1.1E+08	665953	42.516	0.257	43.18999	-77.8191
14560	2164	1128	1.01E+08	2870224	38.837	1.108	42.68343	-77.5659
14561	3086	1156	1.34E+08	0	51.876	0	42.82043	-77.1318
14564	14487	5888	1.09E+08	315032	42.102	0.122	42.9867	-77.4344
14568	6048	2276	61489229	28857	23.741	0.011	43.16061	-77.2814
14569	6211	2897	1.98E+08	1112470	76.288	0.43	42.73469	-78.1686
14571	1176	802	47540105	1309083	18.355	0.505	43.34165	-78.2517
14572	5081	2463	1.94E+08	830473	74.732	0.321	42.56493	-77.5626
14580	50587	21001	1.1E+08	5389645	42.596	2.081	43.21728	-77.4445
14585	120	74	128258	0	0.05	0	42.90626	-77.5531

14586	10256	3900	28867688	500369	11.146	0.193	43.04166	-77.69
14588	749	38	623657	0	0.241	0	42.68099	-76.8708
14589	7854	3561	1.13E+08	77394	43.811	0.03	43.24942	-77.1743
14590	5446	3140	1.75E+08	2981404	67.53	1.151	43.24255	-76.8262
14591	1748	710	1.05E+08	64307	40.411	0.025	42.83206	-78.1075
14592	110	43	431978	0	0.167	0	42.87224	-77.8959
14604	1743	1482	946704	45904	0.366	0.018	43.15621	-77.6047
14605	12610	5304	4683397	57629	1.808	0.022	43.16843	-77.6026
14606	28255	12090	25174139	177325	9.72	0.068	43.171	-77.6979
14607	16223	10568	4360329	0	1.684	0	43.15079	-77.5864
14608	12268	6108	4518243	226730	1.745	0.088	43.15389	-77.6233
14609	42571	19295	18781935	2117163	7.252	0.817	43.17709	-77.5549
14610	14233	7618	11259788	108865	4.347	0.042	43.14264	-77.5456
14611	17396	7849	7496798	57021	2.895	0.022	43.14832	-77.647
14612	34515	15020	44225456	7105942	17.076	2.744	43.26633	-77.6767
14613	14730	6146	4731258	92831	1.827	0.036	43.18217	-77.6402
14614	1224	76	628921	94229	0.243	0.036	43.15744	-77.6154
14615	16099	7489	14999091	109711	5.791	0.042	43.20125	-77.6547
14616	28534	12582	15391113	0	5.943	0	43.23462	-77.6577
14617	22789	9897	19890573	1084897	7.68	0.419	43.2255	-77.5935
14618	22920	8809	25012241	167696	9.657	0.065	43.11353	-77.5539
14619	14749	6179	3771166	13673	1.456	0.005	43.13646	-77.6495
14620	25141	12234	11613712	232116	4.484	0.09	43.12829	-77.6058
14621	33802	14768	10678978	283075	4.123	0.109	43.18994	-77.6036
14622	12108	5750	11934896	2489892	4.608	0.961	43.21574	-77.5524
14623	27173	10169	49424146	971501	19.083	0.375	43.08733	-77.6419
14624	36296	14868	72337716	440357	27.93	0.17	43.12827	-77.7314
14625	10387	4801	19789324	485284	7.641	0.187	43.15004	-77.5055
14626	30041	12885	35287528	116976	13.625	0.045	43.21653	-77.7108
14627	2320	0	398890	0	0.154	0	43.12866	-77.6291
14701	40730	19132	2.39E+08	788493	92.383	0.304	42.08016	-79.2567
14706	6356	2807	2.04E+08	1666387	78.784	0.643	42.11325	-78.5331
14707	239	114	5147207	0	1.987	0	42.07734	-78.0605
14708	183	143	27189587	177993	10.498	0.069	42.01922	-78.0636
14709	1535	992	1.31E+08	78052	50.569	0.03	42.35649	-77.9821
14710	3540	2297	1.25E+08	147055	48.365	0.057	42.08777	-79.4198
14711	1766	1031	1.04E+08	852868	39.983	0.329	42.32673	-78.1194
14712	3342	2237	67409466	192079	26.027	0.074	42.18375	-79.3619
14714	487	300	47071994	209735	18.175	0.081	42.29673	-78.2336
14715	2747	1439	1.12E+08	73994	43.434	0.029	42.07653	-78.1448
14716	3104	1029	32107143	15526446	12.397	5.995	42.39064	-79.445
14717	636	1062	70616866	785844	27.265	0.303	42.36165	-78.1797
14718	2163	1022	85416294	1080421	32.979	0.417	42.34581	-79.2876
14719	3497	1767	2.44E+08	1516486	94.331	0.586	42.34196	-78.876
14720	675	338	634847	0	0.245	0	42.10859	-79.2812
14721	230	145	9666433	0	3.732	0	42.01389	-78.2665
14722	153	1224	858249	0	0.331	0	42.20949	-79.4684

14723	1295	674	1.12E+08	33957	43.244	0.013	42.3177	-79.1572
14724	2540	1508	1.92E+08	1523361	74.302	0.588	42.04633	-79.6698
14726	2156	685	1.05E+08	1080	40.668	0	42.25359	-79.0203
14727	5450	3382	2.82E+08	2133791	108.7	0.824	42.20697	-78.2973
14728	1031	962	69400021	121437	26.795	0.047	42.26333	-79.4232
14729	948	552	91341026	626628	35.267	0.242	42.40838	-78.7436
14731	1576	2568	1.19E+08	122229	45.808	0.047	42.30735	-78.6555
14732	211	85	5794277	0	2.237	0	42.23186	-79.1164
14733	3833	1804	71799900	482917	27.722	0.186	42.16012	-79.1722
14735	2751	1555	2.15E+08	1711660	82.865	0.661	42.45269	-78.0962
14736	282	195	13535416	0	5.226	0	42.14085	-79.7461
14737	4252	2653	2.86E+08	930916	110.241	0.359	42.32905	-78.4286
14738	3651	1809	1.7E+08	583040	65.805	0.225	42.05501	-79.0845
14739	2903	1809	2.05E+08	169576	79.145	0.065	42.1926	-78.1463
14740	1431	642	67466588	12952	26.049	0.005	42.2232	-79.1814
14741	1873	1270	1.59E+08	137638	61.583	0.053	42.21997	-78.6116
14742	314	128	581623	0	0.225	0	42.12012	-79.3068
14743	1783	953	1.13E+08	78914	43.445	0.03	42.20794	-78.3949
14744	2094	512	45143834	411100	17.43	0.159	42.4281	-78.2067
14747	2289	1066	1.13E+08	341951	43.529	0.132	42.15372	-79.0945
14748	746	368	46367231	974765	17.902	0.376	42.15711	-78.6431
14750	4426	2384	28745085	0	11.099	0	42.07977	-79.3292
14752	169	173	649516	0	0.251	0	42.35173	-79.3199
14753	1166	573	1.43E+08	542390	55.023	0.209	42.03603	-78.6644
14754	667	366	43028236	36063	16.613	0.014	42.02191	-78.2016
14755	2916	1567	1.95E+08	394967	75.396	0.152	42.23376	-78.8046
14756	110	136	355130	0	0.137	0	42.19804	-79.4213
14757	3487	2530	1.2E+08	244818	46.185	0.095	42.23768	-79.5047
14760	18775	9266	1.64E+08	2114463	63.455	0.816	42.07703	-78.4184
14767	2088	804	1.38E+08	609875	53.346	0.235	42.05735	-79.5141
14769	919	492	23612130	5153	9.117	0.002	42.36793	-79.4723
14770	2963	1342	76684751	783022	29.608	0.302	42.03793	-78.3003
14772	4255	1795	1.91E+08	774427	73.863	0.299	42.15747	-78.9526
14774	151	52	461338	0	0.178	0	42.08837	-78.1491
14775	2537	1306	1.4E+08	5652519	54.039	2.182	42.22875	-79.6999
14777	667	706	37177259	2423457	14.354	0.936	42.38608	-78.2738
14778	1453	2	1076111	0	0.415	0	42.07758	-78.4832
14779	6932	3503	2.92E+08	3003534	112.699	1.16	42.08123	-78.778
14781	2225	989	1.88E+08	223972	72.614	0.086	42.1616	-79.6013
14782	2401	1101	1.42E+08	60703	54.953	0.023	42.26551	-79.2639
14783	320	197	64535004	16640745	24.917	6.425	42.08214	-78.8874
14784	1033	546	74978433	839750	28.949	0.324	42.31114	-79.3854
14787	5121	2675	1.09E+08	10348448	42.007	3.996	42.31165	-79.5714
14788	163	67	545003	0	0.21	0	42.06199	-78.3801
14801	5475	2522	2.81E+08	1049217	108.653	0.405	42.10406	-77.293
14802	4135	560	2694190	0	1.04	0	42.25338	-77.7893
14803	1174	609	64552064	250965	24.924	0.097	42.27342	-77.7453

14804	1479	880	1.45E+08	232123	55.876	0.09	42.31726	-77.8479
14805	1100	527	71626806	1550160	27.655	0.599	42.35141	-76.7201
14806	2269	1172	1.78E+08	459603	68.733	0.177	42.17154	-77.7725
14807	3076	1477	1.75E+08	577235	67.646	0.223	42.42099	-77.7113
14808	591	267	8726700	0	3.369	0	42.55964	-77.4669
14809	2552	1249	1.44E+08	331399	55.734	0.128	42.42432	-77.4488
14810	12356	5955	3.13E+08	1065607	120.792	0.411	42.34974	-77.3434
14812	3478	1460	2.01E+08	220128	77.543	0.085	42.30073	-77.0052
14813	2520	1396	1.58E+08	420848	60.815	0.162	42.25265	-77.9951
14814	1931	825	22291331	761146	8.607	0.294	42.15449	-76.9588
14815	946	776	44842487	3471673	17.314	1.34	42.37432	-77.0867
14816	520	207	9975059	56624	3.851	0.022	42.19787	-76.7321
14817	2380	1080	1.04E+08	252245	40.294	0.097	42.35758	-76.335
14818	1745	983	96595946	14142	37.296	0.005	42.45493	-76.8189
14819	733	401	1.07E+08	147322	41.265	0.057	42.22419	-77.4419
14820	784	358	79614973	66440	30.74	0.026	42.19328	-77.3599
14821	3314	1394	1.41E+08	319963	54.257	0.124	42.24157	-77.2193
14822	1169	722	1.28E+08	474368	49.462	0.183	42.42448	-77.8515
14823	3754	1915	2.01E+08	44261	77.548	0.017	42.24914	-77.559
14824	678	301	58725429	8629	22.674	0.003	42.25979	-76.6995
14825	919	373	43694812	10603	16.871	0.004	42.0563	-76.6182
14826	2216	1163	1.58E+08	714354	60.827	0.276	42.49146	-77.4978
14827	191	82	233078	0	0.09	0	42.18065	-77.1429
14830	19850	9160	2.33E+08	2074917	89.869	0.801	42.12812	-77.032
14836	1009	558	77612958	131305	29.967	0.051	42.54292	-77.8782
14837	5648	3084	2.06E+08	3554920	79.683	1.373	42.49067	-77.0261
14838	1956	832	93327018	527204	36.034	0.204	42.18814	-76.6623
14839	793	491	1.14E+08	10792	44.05	0.004	42.11944	-77.641
14840	3061	2944	1.52E+08	419118	58.854	0.162	42.44079	-77.1943
14841	915	655	50774709	0	19.604	0	42.52534	-76.8409
14842	938	594	43333204	17366	16.731	0.007	42.60051	-76.9811
14843	13043	6231	2.6E+08	902828	100.574	0.349	42.32008	-77.6463
14845	20453	8939	2.07E+08	1021186	79.83	0.394	42.21591	-76.8342
14846	792	418	88472732	626065	34.16	0.242	42.53209	-78.0016
14847	2398	1278	1.01E+08	90954	38.973	0.035	42.60858	-76.7342
14850	63886	26467	3.26E+08	2259973	125.959	0.873	42.43219	-76.497
14853	2755	0	611084	37581	0.236	0.015	42.449	-76.4776
14854	37	15	58950	0	0.023	0	42.5058	-76.6148
14855	956	362	72538765	84933	28.007	0.033	42.1457	-77.4974
14856	215	92	976583	0	0.377	0	42.37672	-77.3665
14858	1598	670	93550806	816438	36.12	0.315	42.02956	-77.135
14859	1029	485	80707317	156987	31.161	0.061	42.11484	-76.5381
14860	1039	779	54357512	10449	20.988	0.004	42.59192	-76.8314
14861	1404	641	88636457	675470	34.223	0.261	42.08821	-76.6862
14864	1307	595	32250895	116718	12.452	0.045	42.27542	-76.8409
14865	2607	1232	51653512	16170	19.944	0.006	42.34819	-76.834
14867	5569	2458	1.74E+08	368029	67.069	0.142	42.34315	-76.6181

14869	1378	604	52205360	16711	20.157	0.006	42.36083	-76.769
14870	9821	4374	1.59E+08	1425906	61.301	0.551	42.16038	-77.1276
14871	5456	1938	1.48E+08	1293312	57.175	0.499	42.03963	-76.9114
14872	605	283	16652444	19076	6.43	0.007	42.24365	-76.8749
14873	2448	1770	1.91E+08	363843	73.887	0.14	42.52229	-77.297
14874	250	245	5998235	0	2.316	0	42.53017	-77.1755
14877	401	341	1.1E+08	377875	42.288	0.146	42.05779	-77.6803
14878	781	430	41541282	0	16.039	0	42.45026	-76.9434
14879	2398	1041	1.12E+08	933212	43.12	0.36	42.32195	-77.1872
14880	1668	1028	1.43E+08	161288	55.069	0.062	42.17749	-77.9692
14881	192	111	3182031	3378	1.229	0.001	42.3999	-76.359
14882	3826	1747	86054843	256414	33.226	0.099	42.5801	-76.5533
14883	4136	1850	1.87E+08	1300173	72.19	0.502	42.24302	-76.4721
14884	273	320	49628133	840161	19.162	0.324	42.47952	-77.8939
14885	873	419	1.09E+08	0	42.037	0	42.04649	-77.5703
14886	6753	3181	2.01E+08	582649	77.611	0.225	42.50575	-76.685
14889	1590	744	1.16E+08	331489	44.95	0.128	42.23417	-76.5789
14891	4149	2070	1.35E+08	279469	52.167	0.108	42.37701	-76.9462
14892	8189	3609	1.11E+08	1388972	42.876	0.536	42.04603	-76.5291
14893	6	27	58702	0	0.023	0	42.46771	-77.1077
14894	1454	612	29204670	71939	11.276	0.028	42.01906	-76.7771
14895	9616	4943	2.94E+08	777271	113.574	0.3	42.08144	-77.9409
14897	980	439	66126387	5524	25.532	0.002	42.02067	-77.7927
14898	1734	747	1.51E+08	73453	58.381	0.028	42.05336	-77.4295
14901	16736	6617	96791377	2009354	37.371	0.776	42.08765	-76.7469
14903	7567	3440	54026660	862295	20.86	0.333	42.13163	-76.8719
14904	16269	7324	14548782	874836	5.617	0.338	42.06915	-76.8007
14905	9070	4326	10790257	470938	4.166	0.182	42.08773	-76.8433
15001	31964	14820	1.56E+08	3449150	60.045	1.332	40.59526	-80.3229
15003	11861	6199	16912197	948840	6.53	0.366	40.60364	-80.2164
15004	351	153	811322	0	0.313	0	40.3451	-80.3813
15005	9450	4168	40711517	702310	15.719	0.271	40.64253	-80.1862
15006	240	118	637395	0	0.246	0	40.63359	-79.8769
15007	323	136	861007	0	0.332	0	40.65223	-79.9317
15009	15082	6839	63554326	3636775	24.538	1.404	40.69792	-80.3651
15010	28425	12787	1.3E+08	1397138	50.028	0.539	40.77088	-80.3515
15012	15905	7326	86904411	975705	33.554	0.377	40.15543	-79.813
15014	3184	1617	1316565	115337	0.508	0.045	40.60807	-79.7404
15015	1175	499	2423450	0	0.936	0	40.63725	-80.0811
15017	16213	7875	33756097	125432	13.033	0.048	40.33961	-80.1282
15018	821	389	4878525	414063	1.884	0.16	40.26589	-79.7971
15019	1719	770	58794615	147877	22.701	0.057	40.40697	-80.3286
15020	231	121	3418347	1185149	1.32	0.458	40.23341	-79.9503
15021	7352	3294	2.37E+08	69450	91.522	0.027	40.38857	-80.4415
15022	10340	5391	46772529	624519	18.059	0.241	40.12491	-79.9393
15024	9029	3924	43320050	585052	16.726	0.226	40.58497	-79.8473
15025	15944	7814	42884841	1259013	16.558	0.486	40.29761	-79.9233

15026	3390	1429	86778262	534939	33.505	0.207	40.50499	-80.3539
15027	2201	1053	3728899	473269	1.44	0.183	40.66635	-80.2402
15028	142	64	517475	234569	0.2	0.091	40.31131	-79.7896
15030	1128	637	4868191	654829	1.88	0.253	40.59166	-79.7825
15031	513	247	1207105	0	0.466	0	40.34823	-80.1611
15033	4910	2771	5773168	384671	2.229	0.149	40.1791	-79.8647
15034	1792	1000	2507585	245511	0.968	0.095	40.35082	-79.8906
15035	2129	1155	1074654	0	0.415	0	40.38482	-79.8074
15037	10894	4865	68522890	1423828	26.457	0.55	40.25771	-79.8528
15038	325	158	1132242	201837	0.437	0.078	40.25081	-79.9256
15042	8105	3629	43178835	345025	16.671	0.133	40.69032	-80.2048
15043	2458	953	84730108	3494982	32.714	1.349	40.5517	-80.4879
15044	27049	10496	1.07E+08	45351	41.344	0.018	40.63799	-79.9479
15045	4483	2255	4096331	530612	1.582	0.205	40.32581	-79.886
15046	2640	1131	5432400	546385	2.097	0.211	40.55775	-80.228
15047	151	72	495589	186266	0.191	0.072	40.31893	-79.8082
15049	895	487	1116546	0	0.431	0	40.55611	-79.8056
15050	2431	973	60637555	30664	23.412	0.012	40.56367	-80.4345
15051	461	246	2144253	0	0.828	0	40.5626	-79.8669
15052	3483	1507	45179152	193567	17.444	0.075	40.65856	-80.4308
15053	154	70	227561	0	0.088	0	40.381	-80.3599
15054	375	180	338257	0	0.131	0	40.36238	-80.4077
15055	1360	717	1731352	33748	0.668	0.013	40.30629	-80.1235
15056	1140	589	2382658	454542	0.92	0.175	40.56389	-80.216
15057	13930	5614	1.42E+08	211171	54.673	0.082	40.35866	-80.2439
15059	4193	2096	36479548	1509080	14.085	0.583	40.67792	-80.4855
15060	790	353	849816	0	0.328	0	40.36685	-80.2921
15061	12799	5889	46565513	3626066	17.979	1.4	40.6599	-80.3197
15062	7731	4244	8704851	435785	3.361	0.168	40.14879	-79.8782
15063	11677	5505	73676839	1783317	28.447	0.689	40.19117	-79.9225
15064	382	210	2132715	0	0.823	0	40.35634	-80.1499
15065	11588	5639	32066841	1359603	12.381	0.525	40.64406	-79.7254
15066	12785	5852	56070318	422128	21.649	0.163	40.74707	-80.2561
15067	2281	1107	5278531	555633	2.038	0.215	40.20724	-79.9625
15068	38785	18734	1.17E+08	3059652	45.096	1.181	40.55793	-79.7261
15071	9956	4402	47454570	0	18.322	0	40.4121	-80.1878
15072	101	60	176019	0	0.068	0	40.13925	-79.8563
15074	8874	4119	38782320	770968	14.974	0.298	40.73402	-80.2084
15075	128	57	61429	0	0.024	0	40.58604	-79.8269
15076	849	414	1891849	0	0.73	0	40.60735	-79.8347
15077	198	94	2918006	271996	1.127	0.105	40.62499	-80.4158
15078	523	287	1895632	0	0.732	0	40.35592	-80.385
15081	475	241	830784	220847	0.321	0.085	40.57495	-80.2361
15082	350	156	809429	0	0.313	0	40.37784	-80.2129
15083	952	432	9489252	413350	3.664	0.16	40.26398	-79.7858
15084	10130	5005	72058774	444415	27.822	0.172	40.62859	-79.8033
15085	7944	3612	24761294	0	9.56	0	40.38574	-79.7223

15086	300	137	4249943	0	1.641	0	40.67495	-80.1064
15087	234	110	1852269	533552	0.715	0.206	40.18952	-79.8534
15088	535	260	521123	167544	0.201	0.065	40.27215	-79.8962
15089	6262	3002	49562783	1000570	19.136	0.386	40.22533	-79.7488
15090	21202	8254	54700120	33868	21.12	0.013	40.62589	-80.0675
15101	24292	10372	52345769	269432	20.211	0.104	40.58033	-79.9552
15102	29529	13050	26808460	0	10.351	0	40.32135	-80.0365
15104	9038	4845	6341484	545393	2.448	0.211	40.40388	-79.8626
15106	18536	9711	28932921	0	11.171	0	40.41012	-80.1142
15108	40153	18268	1.02E+08	1525979	39.466	0.589	40.50047	-80.2018
15110	5565	3163	4708635	563601	1.818	0.218	40.37346	-79.8502
15112	3292	1890	2165413	0	0.836	0	40.40448	-79.8377
15116	14427	6103	20922947	0	8.078	0	40.52608	-79.9322
15120	18931	9821	12102620	729718	4.673	0.282	40.39587	-79.9075
15122	20131	9444	32655632	535253	12.608	0.207	40.36251	-79.8984
15126	7014	3113	57341867	0	22.14	0	40.46242	-80.2845
15129	10920	4629	20859252	0	8.054	0	40.29325	-79.996
15131	8240	4044	18874634	124920	7.288	0.048	40.33879	-79.7961
15132	21472	11069	14621929	1164049	5.646	0.449	40.33977	-79.8428
15133	6432	3004	7712475	166820	2.978	0.064	40.32638	-79.8644
15135	5139	2343	10872538	295722	4.198	0.114	40.31084	-79.8129
15136	21849	10653	28834294	978373	11.133	0.378	40.46519	-80.1039
15137	10228	5218	20034344	428835	7.735	0.166	40.37574	-79.8088
15139	6307	3235	5001000	591165	1.931	0.228	40.5217	-79.8362
15140	3294	1866	1308209	0	0.505	0	40.40778	-79.7763
15142	1163	487	3796186	38975	1.466	0.015	40.38206	-80.1187
15143	19660	8581	95376065	1775887	36.825	0.686	40.56813	-80.1468
15144	4142	2081	7144464	806295	2.758	0.311	40.54805	-79.778
15145	7132	3808	5104044	0	1.971	0	40.41528	-79.8241
15146	28323	13458	51028679	15818	19.702	0.006	40.42633	-79.7614
15147	17395	8539	26203545	853770	10.117	0.33	40.49728	-79.8308
15148	2814	1554	2889759	0	1.116	0	40.39345	-79.7951
15201	12713	6939	6422035	682799	2.48	0.264	40.47441	-79.951
15202	19685	10448	11387495	1008663	4.397	0.389	40.50517	-80.0678
15203	9949	6312	3823795	563706	1.476	0.218	40.42623	-79.9756
15204	8329	4017	4830272	225010	1.865	0.087	40.45687	-80.0606
15205	21865	11181	26680905	0	10.302	0	40.43809	-80.0991
15206	28615	15585	12369654	823687	4.776	0.318	40.47227	-79.9132
15207	11268	5818	12418110	892168	4.795	0.344	40.40379	-79.9289
15208	10406	5785	4167610	0	1.609	0	40.45319	-79.8995
15209	12438	5906	11674854	397241	4.508	0.153	40.49977	-79.9706
15210	25954	13207	12016589	394012	4.64	0.152	40.40663	-79.9847
15211	11081	6489	4051826	0	1.564	0	40.43038	-80.0155
15212	27895	16153	16116436	932211	6.223	0.36	40.45694	-79.9901
15213	30844	11769	5519395	0	2.131	0	40.44404	-79.9552
15214	14352	7323	12162850	7193	4.696	0.003	40.48656	-80.014
15215	12615	6166	15933677	765794	6.152	0.296	40.50369	-79.9132

15216	23350	11657	8866636	0	3.423	0	40.40263	-80.0349
15217	27220	12778	9858307	95099	3.806	0.037	40.43082	-79.9201
15218	13851	7539	6141943	265929	2.371	0.103	40.42361	-79.8898
15219	16696	6708	5942318	980912	2.294	0.379	40.44223	-79.9828
15220	17718	8852	12786279	145851	4.937	0.056	40.4195	-80.0477
15221	31060	17851	15921838	20299	6.147	0.008	40.43579	-79.8643
15222	3294	2146	2103908	676361	0.812	0.261	40.44768	-79.9935
15223	7236	3669	4965692	165715	1.917	0.064	40.50518	-79.9522
15224	10141	5953	2607025	0	1.007	0	40.46423	-79.9448
15225	1084	620	3965382	2109158	1.531	0.814	40.50667	-80.1138
15226	13974	6810	6566989	0	2.536	0	40.39508	-80.014
15227	28156	13415	16006615	0	6.18	0	40.3757	-79.9706
15228	17595	7771	8133684	0	3.14	0	40.37067	-80.0441
15229	13825	6497	10480076	0	4.046	0	40.52034	-80.037
15232	11374	7020	2058658	0	0.795	0	40.45252	-79.9319
15233	4451	1725	3219616	1156294	1.243	0.446	40.46086	-80.0349
15234	14056	6751	8198923	0	3.166	0	40.36813	-80.0178
15235	34580	16780	37977161	0	14.663	0	40.4598	-79.8224
15236	29724	13843	28746387	0	11.099	0	40.34741	-79.9755
15237	41895	18766	62709050	161752	24.212	0.062	40.54961	-80.0435
15238	13162	6088	42425826	2074022	16.381	0.801	40.5372	-79.8794
15239	21024	8746	41398514	0	15.984	0	40.48367	-79.7381
15241	20395	7832	26939038	20331	10.401	0.008	40.33354	-80.0813
15243	13406	5961	7789902	6712	3.008	0.003	40.37551	-80.0724
15260	0	0	209620	0	0.081	0	40.44392	-79.9533
15290	0	0	103613	0	0.04	0	40.45733	-80.0193
15301	49331	22432	3.16E+08	714279	121.913	0.276	40.15349	-80.2535
15310	290	170	48030870	0	18.545	0	39.79272	-80.4822
15311	1391	567	60948591	0	23.532	0	40.04591	-80.1839
15312	3579	1556	1.94E+08	73576	74.973	0.028	40.25153	-80.4407
15313	377	175	1817018	0	0.702	0	40.06796	-80.0237
15314	3788	1796	44816312	44563	17.304	0.017	40.14631	-80.0168
15315	776	348	3425858	0	1.323	0	39.75829	-79.9827
15316	131	52	1022410	729	0.395	0	39.72427	-80.2524
15317	36535	15514	1.18E+08	893051	45.724	0.345	40.27795	-80.1751
15320	5384	2480	1.01E+08	858886	38.831	0.332	39.87623	-79.9903
15321	1676	717	2823159	0	1.09	0	40.32336	-80.1879
15322	2018	938	36779910	145784	14.201	0.056	39.98164	-80.0534
15323	4542	1916	1.79E+08	32643	69.123	0.013	40.11225	-80.4057
15324	632	333	995303	0	0.384	0	40.10078	-80.0657
15325	439	194	626186	0	0.242	0	39.94943	-79.9634
15327	1527	664	51486321	767986	19.879	0.297	39.74487	-79.9609
15329	1709	731	1.05E+08	72762	40.547	0.028	40.02772	-80.2799
15330	5299	2264	1.17E+08	63766	45.019	0.025	40.17937	-80.09
15331	1090	522	1972370	43216	0.762	0.017	40.10535	-80.0226
15332	8148	3764	70637742	475678	27.273	0.184	40.24019	-79.9935
15333	2150	989	35710221	235084	13.788	0.091	40.03079	-80.0132

15334	113	47	4910845	0	1.896	0	39.80831	-79.9679
15337	744	320	82659832	15730	31.915	0.006	39.95216	-80.3782
15338	1606	735	48235683	1429017	18.624	0.552	39.78486	-79.9915
15340	1469	631	40023010	0	15.453	0	40.28323	-80.3175
15341	869	451	1.27E+08	19674	49.206	0.008	39.8242	-80.3439
15342	4818	2273	8654913	0	3.342	0	40.24423	-80.2212
15344	1450	684	37099411	7069	14.324	0.003	39.91575	-80.0614
15345	1642	799	50262601	0	19.406	0	40.02262	-80.105
15346	749	318	2351768	0	0.908	0	39.93544	-80.0753
15347	582	288	1563588	0	0.604	0	40.22032	-80.2211
15348	283	131	420084	173531	0.162	0.067	39.9869	-79.9954
15349	1737	804	1E+08	65355	38.612	0.025	39.76244	-80.0939
15350	425	210	137216	0	0.053	0	40.29331	-80.2008
15351	901	412	2826250	340949	1.091	0.132	39.88446	-79.9243
15352	987	485	1.29E+08	19794	49.737	0.008	39.75222	-80.3828
15353	64	26	153322	0	0.059	0	39.96212	-80.311
15357	1661	724	20829600	1103023	8.042	0.426	39.94161	-79.9804
15358	923	402	2189670	0	0.845	0	40.05539	-80.003
15359	174	78	367728	0	0.142	0	39.87649	-80.2758
15360	1731	750	66293831	0	25.596	0	40.08491	-80.0824
15361	151	68	245813	0	0.095	0	40.32901	-80.2584
15362	767	347	67042845	111229	25.885	0.043	39.77247	-80.2139
15363	760	351	597928	0	0.231	0	40.2518	-80.1981
15364	869	368	96370936	30141	37.209	0.012	39.94632	-80.3048
15366	164	84	922038	0	0.356	0	40.15955	-79.973
15367	8731	2970	23864300	61853	9.214	0.024	40.26597	-80.0581
15368	473	230	493417	177300	0.191	0.068	40.01387	-79.9893
15370	14870	5506	3.83E+08	160258	148	0.062	39.88062	-80.1712
15376	1740	725	99456108	447929	38.4	0.173	40.1089	-80.479
15377	724	321	1.07E+08	26008	41.178	0.01	39.98847	-80.4491
15378	106	50	145166	0	0.056	0	40.27838	-80.2751
15379	132	64	1036166	0	0.4	0	40.24319	-80.4252
15380	719	390	1E+08	183244	38.682	0.071	39.86756	-80.4671
15401	32288	15009	1.51E+08	199635	58.304	0.077	39.89993	-79.7457
15410	905	460	27406340	592101	10.582	0.229	39.91161	-79.9021
15411	661	580	45317580	4440161	17.497	1.714	39.74858	-79.3469
15412	470	242	5380093	191438	2.077	0.074	40.08877	-79.8592
15413	551	274	1912872	0	0.739	0	39.98531	-79.8711
15417	9469	4276	56585216	1660315	21.848	0.641	40.0086	-79.9183
15419	4492	1676	4490316	438401	1.734	0.169	40.04696	-79.895
15420	251	118	1188544	0	0.459	0	39.96014	-79.8652
15421	112	94	561962	0	0.217	0	39.84585	-79.5972
15422	220	106	234243	0	0.09	0	39.98118	-79.8116
15423	1781	792	42500878	191453	16.41	0.074	40.08991	-79.9325
15424	2489	1802	1.88E+08	4800209	72.473	1.853	39.81953	-79.3594
15425	19270	8885	1.44E+08	1325950	55.719	0.512	40.02951	-79.5479
15427	1091	509	27077308	0	10.455	0	40.06995	-79.9748

15428	1806	808	53104461	1189768	20.504	0.459	40.08427	-79.682
15429	126	71	802980	424401	0.31	0.164	40.00365	-79.9381
15430	314	132	919199	94275	0.355	0.036	40.03935	-79.6543
15431	4744	2061	1.27E+08	653793	48.874	0.252	39.94985	-79.5963
15432	427	224	1658724	333621	0.64	0.129	40.11409	-79.8603
15433	741	350	37190963	2085990	14.36	0.805	39.98268	-79.9487
15434	313	144	607190	205438	0.234	0.079	40.08187	-79.8874
15435	437	224	2842972	30668	1.098	0.012	39.94371	-79.8503
15436	2740	1158	18106141	0	6.991	0	39.81781	-79.7248
15437	2573	1168	1.81E+08	207835	69.804	0.08	39.7802	-79.6121
15438	2221	1007	29831109	1264359	11.518	0.488	40.07321	-79.8578
15440	349	184	39287469	0	15.169	0	39.73527	-79.6169
15442	2105	990	38854612	75766	15.002	0.029	40.0203	-79.8398
15443	377	156	4397241	0	1.698	0	39.91967	-79.8807
15444	517	279	1637961	0	0.632	0	40.01198	-79.9088
15445	2693	1284	54386676	19941	20.999	0.008	39.87609	-79.6678
15446	324	155	3882527	0	1.499	0	40.03098	-79.403
15447	181	82	1013163	0	0.391	0	39.94382	-79.9369
15448	192	86	2480188	149733	0.958	0.058	40.13598	-79.7325
15449	184	96	404221	0	0.156	0	39.96433	-79.7834
15450	2323	183	4126219	537422	1.593	0.207	40.00114	-79.9742
15451	955	435	26321881	354486	10.163	0.137	39.73713	-79.8361
15454	237	92	3343245	0	1.291	0	39.86315	-79.8717
15455	298	152	1042214	0	0.402	0	40.0033	-79.6423
15456	2976	1294	19762509	23627	7.63	0.009	39.92641	-79.652
15458	2379	1048	40540940	0	15.653	0	39.89013	-79.8512
15459	1763	789	86421096	1011424	33.367	0.391	39.76714	-79.4668
15460	120	47	1083961	181956	0.419	0.07	39.80797	-79.9072
15461	4333	1992	27348492	619779	10.559	0.239	39.84268	-79.9001
15462	398	168	3663336	0	1.414	0	40.0643	-79.3787
15463	64	31	816354	0	0.315	0	39.96556	-79.8998
15464	1536	667	1.19E+08	1405531	45.975	0.543	39.93014	-79.4362
15466	458	214	1105417	363120	0.427	0.14	40.07505	-79.8901
15467	141	68	2590350	385152	1	0.149	39.78484	-79.9258
15468	2303	1061	26011583	26824	10.043	0.01	39.95018	-79.8327
15469	2331	975	87942217	276920	33.955	0.107	40.00982	-79.4184
15470	982	512	81705154	491575	31.547	0.19	39.86715	-79.532
15472	306	130	630497	0	0.243	0	39.91937	-79.7169
15473	3862	1792	60371945	445066	23.31	0.172	40.04383	-79.7907
15474	2049	943	18174349	1003025	7.017	0.387	39.75215	-79.8919
15475	1356	705	8371453	0	3.232	0	39.95165	-79.8775
15476	157	79	98143	0	0.038	0	39.86973	-79.9206
15477	855	417	490606	195520	0.189	0.075	40.0782	-79.864
15478	6446	2729	1.63E+08	12003	62.792	0.005	39.78746	-79.8047
15479	2113	948	54969797	769437	21.224	0.297	40.15124	-79.7075
15480	1946	851	46857545	81072	18.092	0.031	39.9852	-79.7739
15482	604	293	2990720	44428	1.155	0.017	40.06149	-79.7661

15483	513	257	711436	97282	0.275	0.038	40.08302	-79.8509
15484	328	146	1647825	0	0.636	0	39.89269	-79.7837
15486	2303	987	50566480	433919	19.524	0.168	40.02589	-79.7112
15489	389	174	2417238	0	0.933	0	39.96638	-79.6961
15490	628	262	24863951	0	9.6	0	40.07238	-79.4545
15492	108	53	1560968	165960	0.603	0.064	40.11831	-79.7643
15501	16861	7700	3.47E+08	1482666	133.966	0.572	40.03974	-79.1298
15502	191	775	15500968	25358	5.985	0.01	40.04172	-79.2417
15510	2229	1	876630	0	0.338	0	39.96749	-79.0399
15520	293	120	1754124	0	0.677	0	40.10637	-79.0605
15521	1872	793	92166462	10522	35.586	0.004	40.2076	-78.6387
15522	12036	5967	4.85E+08	2536615	187.331	0.979	39.94173	-78.5484
15530	5368	2310	2.27E+08	85830	87.516	0.033	39.94081	-78.924
15531	3861	1934	1.53E+08	488142	58.989	0.188	40.18394	-79.0821
15532	142	64	1748645	0	0.675	0	39.76204	-79.0608
15533	1370	728	96472498	726360	37.248	0.28	39.99289	-78.2243
15534	932	445	1.26E+08	35062	48.516	0.014	39.89932	-78.6913
15535	2203	1262	4.09E+08	297285	157.763	0.115	39.82112	-78.4438
15536	459	261	88070983	675	34.004	0	39.95456	-78.2036
15537	7952	3801	2.9E+08	2580147	112.047	0.996	40.00039	-78.3668
15538	824	621	1.93E+08	18826	74.395	0.007	39.86372	-78.8345
15539	498	211	3567577	0	1.377	0	40.12841	-78.5914
15540	290	257	93252205	1520263	36.005	0.587	39.79744	-79.2393
15541	3721	1776	93121694	673623	35.954	0.26	40.04388	-78.9714
15542	1175	529	84774169	0	32.731	0	39.87569	-79.0715
15544	264	108	1506529	0	0.582	0	40.13564	-79.0934
15545	2879	1333	1.28E+08	466605	49.435	0.18	39.80227	-78.7525
15546	386	172	1998155	0	0.771	0	40.13662	-79.048
15547	504	237	2346900	0	0.906	0	40.16215	-79.0717
15550	1699	1041	1.4E+08	501721	54.246	0.194	39.97825	-78.6496
15551	860	443	93040958	16785	35.923	0.006	39.86855	-79.2832
15552	6115	2753	2.7E+08	89992	104.393	0.035	39.79277	-78.991
15554	2553	1197	92365552	295669	35.663	0.114	40.12292	-78.6218
15555	112	51	194408	0	0.075	0	40.09241	-79.0822
15557	3684	2110	2.35E+08	297558	90.77	0.115	39.92766	-79.2184
15558	2126	909	94122748	45120	36.341	0.017	39.74842	-79.1104
15559	1968	937	1.21E+08	2038808	46.57	0.787	40.06025	-78.6911
15560	175	76	344077	0	0.133	0	40.01656	-78.9071
15561	168	80	1481919	0	0.572	0	40.0956	-79.0877
15562	201	74	4203501	15903	1.623	0.006	39.73953	-79.1346
15563	3345	1645	1.47E+08	7139	56.765	0.003	40.09758	-78.9289
15564	50	28	3126150	0	1.207	0	39.72999	-78.8378
15601	59483	26798	2.23E+08	409333	86.196	0.158	40.31503	-79.5357
15610	3738	1767	99891785	158133	38.568	0.061	40.14696	-79.4172
15611	543	306	1784469	0	0.689	0	40.30652	-79.6526
15612	474	205	6494180	0	2.507	0	40.13735	-79.5997
15613	13933	6138	1.55E+08	2124745	59.736	0.82	40.55359	-79.569

15615	387	154	2548093	0	0.984	0	40.36531	-79.7342
15616	23	13	138418	17833	0.053	0.007	40.22276	-79.5533
15617	367	164	1140917	6564	0.441	0.003	40.26818	-79.6554
15618	2634	1202	71771097	798851	27.711	0.308	40.57103	-79.4399
15620	911	441	2475983	0	0.956	0	40.32355	-79.3387
15621	47	20	16634	0	0.006	0	40.21386	-79.4835
15622	1387	1903	83898073	14139	32.393	0.005	40.04953	-79.3291
15623	762	329	4507343	0	1.74	0	40.3672	-79.6203
15624	410	217	1610872	0	0.622	0	40.36486	-79.4702
15625	144	61	1519026	0	0.586	0	40.26951	-79.6797
15626	5105	2493	10217810	0	3.945	0	40.40699	-79.5762
15627	6544	3034	73550737	189283	28.398	0.073	40.35101	-79.3
15628	525	292	6611007	0	2.553	0	40.10049	-79.3734
15629	676	367	332499	48467	0.128	0.019	40.59744	-79.5629
15631	1075	494	2022063	0	0.781	0	40.08748	-79.5854
15632	9363	4154	70186315	1733693	27.099	0.669	40.43915	-79.6001
15633	293	137	1632462	0	0.63	0	40.35732	-79.5239
15634	523	264	391411	0	0.151	0	40.32395	-79.6049
15635	220	115	782033	13683	0.302	0.005	40.3479	-79.5016
15636	3946	1433	7678207	0	2.965	0	40.36547	-79.6571
15637	1861	893	12093561	0	4.669	0	40.26496	-79.7118
15638	288	149	461825	0	0.178	0	40.26432	-79.399
15639	2301	1033	29854633	81041	11.527	0.031	40.20351	-79.5938
15640	378	160	1871235	0	0.722	0	40.22463	-79.7293
15641	500	237	622689	143230	0.24	0.055	40.63159	-79.5892
15642	45286	19410	1.14E+08	153967	44.199	0.059	40.31838	-79.7237
15644	18836	9046	57207317	0	22.088	0	40.34738	-79.6112
15646	233	123	3697987	0	1.428	0	40.08217	-79.3265
15647	314	153	737101	0	0.285	0	40.3425	-79.7292
15650	28432	12619	1.93E+08	251950	74.648	0.097	40.27718	-79.3929
15655	423	239	33374728	22763	12.886	0.009	40.19016	-79.1602
15656	10298	4787	97476844	2972670	37.636	1.148	40.6569	-79.629
15658	8916	4835	2.54E+08	816971	98.196	0.315	40.24849	-79.2265
15660	323	142	1351936	0	0.522	0	40.2446	-79.7744
15661	504	241	958675	0	0.37	0	40.32217	-79.3601
15662	271	127	424967	0	0.164	0	40.33432	-79.4783
15663	455	220	2543196	0	0.982	0	40.25185	-79.6793
15665	1472	664	2237022	0	0.864	0	40.3395	-79.6608
15666	16461	7631	1.42E+08	495576	54.999	0.191	40.16102	-79.5098
15668	13139	5446	61036704	17005	23.566	0.007	40.46056	-79.67
15670	3649	1627	99026685	274125	38.234	0.106	40.4056	-79.4369
15671	865	381	8269715	0	3.193	0	40.35629	-79.3218
15672	3334	1633	30067677	67340	11.609	0.026	40.24379	-79.6216
15673	1296	599	1398119	142950	0.54	0.055	40.59381	-79.5566
15675	1003	444	2397734	0	0.926	0	40.33531	-79.6371
15676	437	199	2406431	0	0.929	0	40.24084	-79.4657
15677	389	297	50883961	0	19.646	0	40.14313	-79.2373

15678	476	235	1485175	0	0.573	0	40.28722	-79.7262
15679	3343	1494	60879861	123500	23.506	0.048	40.17595	-79.6538
15680	101	45	30739	0	0.012	0	40.52078	-79.4993
15681	5241	2288	1.35E+08	4108717	52.285	1.586	40.50031	-79.4393
15683	8248	3805	40413195	19178	15.604	0.007	40.10721	-79.6083
15684	841	410	13008184	0	5.022	0	40.4607	-79.5207
15686	972	418	26309733	214235	10.158	0.083	40.62345	-79.4313
15687	1476	686	74773608	339857	28.87	0.131	40.13622	-79.3164
15688	641	302	4029923	0	1.556	0	40.16861	-79.5848
15689	229	111	261668	0	0.101	0	40.22143	-79.4914
15690	9078	4513	63204969	723212	24.404	0.279	40.64135	-79.5494
15691	70	32	86131	0	0.033	0	40.29538	-79.6861
15692	941	433	1178838	0	0.455	0	40.33176	-79.6789
15693	189	89	179063	0	0.069	0	40.25315	-79.4077
15695	337	153	1395835	0	0.539	0	40.19728	-79.6932
15696	384	186	339420	0	0.131	0	40.28011	-79.3662
15697	3038	1589	4652835	23955	1.796	0.009	40.24113	-79.5799
15698	791	406	3914196	42911	1.511	0.017	40.21435	-79.6886
15701	34704	14369	2.99E+08	4467880	115.296	1.725	40.62838	-79.15
15710	266	119	4313724	11304	1.666	0.004	40.64273	-78.8717
15711	412	192	3234775	13260	1.249	0.005	41.01843	-78.9556
15712	151	72	4202679	0	1.623	0	40.79046	-78.8479
15713	294	116	3405399	0	1.315	0	40.56976	-79.2617
15714	5323	2409	71058754	7815	27.436	0.003	40.65131	-78.8251
15715	621	294	1750897	49530	0.676	0.019	40.97072	-78.8774
15716	683	297	2095417	5852	0.809	0.002	40.46515	-79.1869
15717	10847	5018	2.46E+08	5579729	94.96	2.154	40.45727	-79.2433
15721	234	107	4987441	147746	1.926	0.057	40.81632	-78.7926
15722	2432	1067	52883999	27915	20.419	0.011	40.59525	-78.7239
15723	46	28	2718491	17919	1.05	0.007	40.69875	-79.1587
15724	2412	1123	1.22E+08	448512	47.247	0.173	40.7351	-78.8136
15725	1446	636	77558381	1514537	29.945	0.585	40.51895	-79.3488
15727	168	92	3548955	0	1.37	0	40.55801	-79.3098
15728	3701	1635	1.11E+08	225091	42.8	0.087	40.67567	-78.9718
15729	1537	655	49266620	66194	19.022	0.026	40.70645	-78.9151
15730	69	34	2152509	16822	0.831	0.006	41.05759	-79.0949
15731	315	166	616923	0	0.238	0	40.50377	-79.1764
15732	1669	693	76332518	200206	29.472	0.077	40.72769	-79.2119
15733	108	45	1029791	18100	0.398	0.007	40.98886	-78.9593
15734	322	147	3710171	0	1.433	0	40.7248	-79.0013
15736	613	287	8532605	0	3.294	0	40.70125	-79.3664
15737	83	46	457561	0	0.177	0	40.60126	-78.759
15738	265	127	6789686	0	2.622	0	40.69155	-78.7851
15739	462	212	1646097	28850	0.636	0.011	40.67425	-79.1687
15741	83	45	4543298	5873	1.754	0.002	40.80249	-78.891
15742	950	462	60815797	169372	23.481	0.065	40.81698	-78.864
15744	105	60	11502187	294438	4.441	0.114	40.92256	-79.084

15745	337	148	3682946	0	1.422	0	40.623	-78.9152
15746	135	71	3964649	17924	1.531	0.007	40.75851	-78.8893
15747	2027	857	79163372	104237	30.565	0.04	40.77579	-79.1459
15748	7060	3144	1.92E+08	1722059	74.201	0.665	40.52364	-79.0842
15750	245	125	1257773	0	0.486	0	40.48478	-79.1809
15752	54	31	117143	0	0.045	0	40.54059	-79.2832
15753	513	313	1.01E+08	441777	39.131	0.171	40.79565	-78.6539
15754	502	227	1120886	0	0.433	0	40.55666	-79.1515
15756	207	97	2280580	2644	0.881	0.001	40.56553	-79.2969
15757	1618	1105	2.05E+08	1185718	79.328	0.458	40.89124	-78.7391
15759	3004	1229	1.48E+08	130398	57.269	0.05	40.77302	-79.0317
15760	152	56	4079589	0	1.575	0	40.64832	-78.8002
15761	111	46	2681155	0	1.035	0	40.63225	-78.8898
15762	823	332	34615657	32898	13.365	0.013	40.59431	-78.8293
15764	163	77	4399310	17821	1.699	0.007	40.99262	-79.0287
15765	1707	766	97165620	1598121	37.516	0.617	40.59794	-78.9911
15767	14668	6738	4.28E+08	2170323	165.286	0.838	40.96215	-78.9682
15770	184	89	10592931	51581	4.09	0.02	41.00879	-79.1367
15771	991	524	86597248	444537	33.435	0.172	40.83156	-78.9891
15772	1715	762	82609749	340831	31.896	0.132	40.87021	-78.8987
15773	516	207	9852899	0	3.804	0	40.62677	-78.7354
15774	3029	1335	1.39E+08	2005434	53.656	0.774	40.65469	-79.3238
15775	751	340	8961331	14751	3.46	0.006	40.63248	-78.7881
15776	52	31	5632759	17302	2.175	0.007	41.01099	-79.1116
15777	170	85	2906493	0	1.122	0	40.69376	-78.9654
15778	140	67	2354798	3151	0.909	0.001	40.96912	-79.1952
15779	414	100	20486348	311103	7.91	0.12	40.38568	-79.2197
15780	148	60	3320410	1254	1.282	0	40.91244	-79.0705
15781	94	50	2714810	0	1.048	0	40.9638	-78.9869
15783	140	62	5379304	44901	2.077	0.017	40.60731	-79.3497
15784	67	35	864326	22470	0.334	0.009	41.02443	-79.1413
15801	19270	9247	1.67E+08	2871706	64.641	1.109	41.12506	-78.7224
15821	164	486	92000991	667966	35.522	0.258	41.35096	-78.3685
15823	1431	694	95419042	239976	36.841	0.093	41.25861	-78.7104
15824	5407	2475	1.89E+08	815359	73.02	0.315	41.25083	-78.8412
15825	9562	4773	4.15E+08	2279647	160.366	0.88	41.17495	-79.0344
15827	231	107	7455502	0	2.879	0	41.31916	-78.5217
15828	286	555	60820778	1023029	23.483	0.395	41.38484	-79.1157
15829	1274	661	91603501	472165	35.368	0.182	41.1693	-79.2021
15832	328	834	2.81E+08	2008730	108.448	0.776	41.3495	-78.1874
15834	4533	2887	5.29E+08	1536321	204.139	0.593	41.50075	-78.3228
15840	1993	913	49715366	691813	19.195	0.267	41.17197	-78.8226
15841	389	177	10826872	0	4.18	0	41.26294	-78.5299
15845	3197	1611	80380824	1334971	31.035	0.515	41.49424	-78.6895
15846	3636	1730	2.4E+08	172829	92.721	0.067	41.31969	-78.5724
15847	255	127	7032509	10600	2.715	0.004	41.09019	-79.0325
15848	1027	427	52308145	250384	20.196	0.097	41.0281	-78.7304

15849	1399	1012	2.03E+08	523036	78.339	0.202	41.16449	-78.5823
15851	6671	3062	2.42E+08	1099426	93.604	0.424	41.10291	-78.9104
15853	6578	3721	3.9E+08	2674222	150.666	1.033	41.39234	-78.7916
15856	889	517	94124910	992919	36.342	0.383	41.08226	-78.6134
15857	13212	6190	2.59E+08	526032	100.156	0.203	41.45528	-78.5199
15860	1065	1725	3.22E+08	2184550	124.25	0.843	41.33359	-79.0187
15861	174	575	1.75E+08	1595299	67.395	0.616	41.30853	-78.0691
15863	225	108	1739826	0	0.672	0	41.01439	-78.8397
15864	1845	854	94709389	494886	36.568	0.191	41.10358	-79.1975
15865	1295	642	8699006	19883	3.359	0.008	41.04495	-78.8283
15866	261	97	3211867	929	1.24	0	41.02389	-78.791
15868	1350	1012	2.45E+08	1178640	94.654	0.455	41.30177	-78.3272
15870	1326	1115	3.3E+08	4964012	127.596	1.917	41.59412	-78.5679
15901	4190	2851	3836779	140170	1.481	0.054	40.32874	-78.9143
15902	12513	6503	23599705	127148	9.112	0.049	40.32321	-78.8793
15904	16608	7309	79445855	516201	30.674	0.199	40.3116	-78.841
15905	21226	9971	92832747	706466	35.843	0.273	40.29067	-78.9699
15906	11144	5876	90230908	962187	34.838	0.372	40.37968	-78.9557
15909	5611	2642	44494654	216598	17.179	0.084	40.40974	-78.8697
15920	922	396	20187128	11567	7.794	0.004	40.4745	-79.0475
15921	176	77	851113	0	0.329	0	40.31734	-78.7009
15922	177	81	1784285	0	0.689	0	40.5176	-78.8767
15923	1770	788	67452166	418108	26.043	0.161	40.35522	-79.1585
15924	1034	519	68917847	49603	26.609	0.019	40.10342	-78.7629
15925	147	71	197872	0	0.076	0	40.40852	-78.6407
15926	2676	1613	72740383	2037864	28.085	0.787	40.05327	-78.8236
15927	1176	496	12326706	0	4.759	0	40.54	-78.7786
15928	1974	945	16182997	77645	6.248	0.03	40.23953	-78.9185
15929	75	36	1496033	113728	0.578	0.044	40.46825	-79.0086
15930	241	142	736773	0	0.284	0	40.29497	-78.719
15931	9148	3778	2.01E+08	962228	77.546	0.372	40.50649	-78.759
15934	218	102	882866	0	0.341	0	40.27906	-78.804
15935	2620	1157	62442265	3588756	24.109	1.386	40.20813	-78.965
15936	1620	735	63681731	84058	24.588	0.032	40.16091	-78.8926
15937	779	348	2498262	0	0.965	0	40.20533	-78.9847
15938	2583	1086	51290685	62911	19.803	0.024	40.41885	-78.6111
15940	3992	770	68904348	179489	26.604	0.069	40.51703	-78.6252
15942	2079	889	48015006	568461	18.539	0.219	40.39832	-78.811
15943	3942	1836	49907726	122835	19.269	0.047	40.47427	-78.8391
15944	3472	1613	1.71E+08	1062637	65.94	0.41	40.36389	-79.0792
15945	198	74	1524817	117810	0.589	0.045	40.35848	-78.8671
15946	7093	3218	1.31E+08	691865	50.5	0.267	40.3703	-78.6371
15948	550	235	1912268	0	0.738	0	40.48996	-78.7646
15949	672	294	6691010	468010	2.583	0.181	40.39668	-79.1207
15951	453	239	2802468	17341	1.082	0.007	40.33315	-78.7707
15952	1413	611	8572842	0	3.31	0	40.30351	-78.7761
15953	83	37	2145376	1871	0.828	0.001	40.20851	-78.8852

15954	2413	1102	46996990	624634	18.146	0.241	40.42405	-78.9981
15955	2551	1140	65283483	1466669	25.206	0.566	40.32287	-78.6974
15956	2739	1269	20853620	239360	8.052	0.092	40.35056	-78.7959
15957	755	311	24551669	31858	9.479	0.012	40.55762	-78.9023
15958	2301	949	49426462	95688	19.084	0.037	40.38752	-78.7304
15960	425	198	12244862	122588	4.728	0.047	40.49716	-78.8842
15961	854	401	43358311	427412	16.741	0.165	40.4711	-78.9418
15962	149	65	523371	0	0.202	0	40.38818	-78.715
15963	11114	5264	2.53E+08	534272	97.725	0.206	40.22777	-78.7593
16001	40371	19019	1.9E+08	3040997	73.42	1.174	40.91003	-79.9452
16002	15877	6366	1.87E+08	177567	72.202	0.069	40.81514	-79.8554
16020	1150	490	66025419	0	25.493	0	41.11533	-79.8986
16022	368	156	2079662	0	0.803	0	41.05414	-79.7337
16023	4169	1923	68120212	0	26.301	0	40.78548	-79.7503
16024	209	86	611593	0	0.236	0	40.74272	-80.0385
16025	5564	2284	1.38E+08	148853	53.21	0.057	40.94243	-79.7534
16027	306	116	1373158	0	0.53	0	40.82015	-80.0192
16028	1886	1184	41291276	1283922	15.943	0.496	40.95132	-79.6356
16029	705	318	2241392	0	0.865	0	40.87915	-79.8462
16030	316	146	2806303	0	1.084	0	41.1364	-79.797
16033	6165	2640	80026877	46584	30.899	0.018	40.78388	-80.0511
16034	2054	815	51397356	24076	19.845	0.009	40.86121	-79.7332
16035	122	48	1450105	7077	0.56	0.003	41.10899	-80.0145
16036	200	112	5784808	1194319	2.234	0.461	41.13489	-79.6666
16037	4589	1850	90256741	449725	34.848	0.174	40.84261	-80.1338
16038	3517	1515	1.24E+08	14262	47.834	0.006	41.16448	-79.9533
16040	975	421	50811920	8983	19.619	0.003	41.09425	-79.8402
16041	1888	929	71988736	0	27.795	0	41.00534	-79.7149
16045	1195	626	1496365	0	0.578	0	40.85277	-79.9167
16046	14396	5799	58879357	21211	22.733	0.008	40.70276	-80.0239
16048	139	55	2861880	0	1.105	0	41.0532	-79.8184
16049	3241	1715	2.39E+08	5770607	92.33	2.228	41.09407	-79.6718
16050	1546	640	63687358	17634	24.59	0.007	41.044	-79.7616
16051	3043	1373	1.01E+08	7867335	38.937	3.038	40.94489	-80.1381
16052	2447	1056	52113467	2309620	20.121	0.892	40.89938	-80.0616
16053	4020	1699	55566721	0	21.454	0	40.81187	-79.9831
16054	497	229	4893130	112899	1.889	0.044	41.15354	-79.663
16055	8486	3455	1.01E+08	224138	38.944	0.087	40.71749	-79.7477
16056	4791	2185	54870543	33891	21.186	0.013	40.72493	-79.8417
16057	13909	5236	2.26E+08	1623817	87.236	0.627	41.03407	-80.0603
16059	7738	3283	66478812	189233	25.668	0.073	40.70708	-79.9271
16061	2761	1151	1.14E+08	773252	43.952	0.299	41.00511	-79.8847
16063	6559	3264	46058024	166907	17.783	0.064	40.76232	-80.1229
16066	28060	10756	57887280	13635	22.35	0.005	40.70997	-80.1056
16101	34042	15658	1.85E+08	1816197	71.24	0.701	40.98399	-80.29
16102	5755	2564	62263838	839191	24.04	0.324	40.96037	-80.4244
16105	15448	7172	71042479	748111	27.43	0.289	41.05738	-80.3403

16110	314	156	19499290	44612	7.529	0.017	41.50525	-80.3808
16111	1409	476	72702699	0	28.071	0	41.52038	-80.2826
16112	1571	691	17409600	773746	6.722	0.299	40.96047	-80.4984
16113	448	175	1890756	236247	0.73	0.091	41.28083	-80.4241
16114	606	249	26285241	425902	10.149	0.164	41.40285	-80.1839
16115	3287	1422	1.04E+08	315088	40.209	0.122	40.79661	-80.4607
16116	3074	1395	68435087	1648814	26.423	0.637	41.04416	-80.4496
16117	17185	7914	95301308	1601209	36.796	0.618	40.87184	-80.2562
16120	2463	1107	85729592	383566	33.1	0.148	40.88509	-80.479
16121	4941	2520	5879404	0	2.27	0	41.21121	-80.4972
16123	2237	977	52423519	622377	20.241	0.24	40.82193	-80.1965
16124	2228	888	72566019	7040	28.018	0.003	41.33617	-80.2761
16125	18186	8157	2.83E+08	230218	109.396	0.089	41.40636	-80.3728
16127	16145	5888	1.86E+08	1343348	71.833	0.519	41.17301	-80.073
16130	2023	904	80148638	1301071	30.946	0.502	41.44463	-80.2229
16131	933	400	54121371	447833	20.896	0.173	41.55052	-80.3782
16132	355	178	4577508	621001	1.767	0.24	41.00477	-80.5008
16133	1573	668	71833114	726786	27.735	0.281	41.26779	-80.1145
16134	3886	2819	1.21E+08	14386503	46.836	5.555	41.52493	-80.4789
16136	801	401	1909517	91074	0.737	0.035	40.83494	-80.3237
16137	12941	5179	2.8E+08	1591169	107.99	0.614	41.23162	-80.2386
16140	123	66	446348	0	0.172	0	41.09532	-80.514
16141	1806	839	53149607	295653	20.521	0.114	40.86809	-80.3985
16142	7056	2282	1.09E+08	262560	41.95	0.101	41.14541	-80.3332
16143	2901	1293	67680098	409931	26.131	0.158	41.10582	-80.4527
16145	2726	1326	1.25E+08	5203380	48.404	2.009	41.3802	-80.0786
16146	14040	7138	9896383	0	3.821	0	41.23411	-80.4997
16148	16959	8086	83053048	275309	32.067	0.106	41.22848	-80.4176
16150	7426	3328	59502091	6381194	22.974	2.464	41.28515	-80.4533
16151	77	38	302185	0	0.117	0	41.4439	-80.2068
16153	2624	1213	1.12E+08	509396	43.24	0.197	41.32224	-80.0866
16154	2492	1094	67463760	7143371	26.048	2.758	41.3259	-80.4201
16155	103	46	1754358	0	0.677	0	41.06773	-80.5107
16156	3319	1347	1.29E+08	1102695	49.806	0.426	41.08877	-80.2164
16157	3477	1532	64856557	1098326	25.041	0.424	40.88821	-80.3334
16159	4706	2109	70592696	109492	27.256	0.042	41.15341	-80.4753
16160	864	430	3234220	183778	1.249	0.071	40.93056	-80.3569
16161	644	374	2264627	0	0.874	0	41.19709	-80.4958
16201	18214	8360	2.97E+08	2612792	114.653	1.009	40.80519	-79.4694
16210	1014	523	51149310	2825365	19.749	1.091	40.8959	-79.5105
16211	104	47	2621590	0	1.012	0	40.79444	-79.2026
16212	339	163	2504442	313752	0.967	0.121	40.75516	-79.5836
16213	204	100	372959	1093	0.144	0	41.12567	-79.5577
16214	10127	4410	1.27E+08	2491815	49.215	0.962	41.20267	-79.3572
16217	101	163	14606240	114295	5.64	0.044	41.33119	-79.1737
16218	1195	561	73462230	614713	28.364	0.237	40.93344	-79.5906
16222	2526	1104	1.7E+08	1511455	65.798	0.584	40.87368	-79.257

16223	154	73	2802938	0	1.082	0	40.97599	-79.364
16224	1181	527	51937648	247407	20.053	0.096	41.06508	-79.2949
16226	8279	4197	1.5E+08	4365362	57.877	1.685	40.71165	-79.4864
16228	371	180	196837	0	0.076	0	40.76081	-79.5358
16229	4997	2198	64478444	2586256	24.895	0.999	40.71712	-79.6427
16230	494	204	2653923	154328	1.025	0.06	41.02048	-79.2833
16232	4281	1973	1.48E+08	952945	57.047	0.368	41.21359	-79.5512
16233	1246	1180	1.05E+08	542608	40.451	0.21	41.36124	-79.2711
16235	1256	590	72958168	250360	28.169	0.097	41.32267	-79.3523
16236	262	127	170198	209162	0.066	0.081	40.78784	-79.5227
16238	410	183	240096	48952	0.093	0.019	40.78784	-79.5208
16239	4172	2489	5.11E+08	441391	197.123	0.17	41.49697	-79.1378
16240	1533	736	1.39E+08	1018288	53.662	0.393	41.03601	-79.225
16242	4693	2217	2.34E+08	3253248	90.486	1.256	41.00988	-79.3657
16244	265	112	3123148	0	1.206	0	40.79218	-79.2767
16245	207	95	1536450	0	0.593	0	41.00672	-79.2984
16246	252	118	876661	0	0.338	0	40.79172	-79.1822
16248	3130	1487	1.35E+08	2723611	52.099	1.052	41.034	-79.503
16249	2089	931	71904500	1011194	27.762	0.39	40.76195	-79.3121
16250	315	149	7137729	802587	2.756	0.31	40.76851	-79.233
16253	91	45	547158	0	0.211	0	40.95117	-79.3428
16254	3471	1605	1.32E+08	1412024	50.983	0.545	41.25335	-79.4615
16255	1943	848	1.06E+08	914827	40.907	0.353	41.12881	-79.4668
16256	2084	639	1.03E+08	1226682	39.849	0.474	40.85527	-79.1345
16258	1869	1200	88369628	820680	34.12	0.317	41.23694	-79.2783
16259	1934	1066	1.2E+08	4245874	46.354	1.639	40.92571	-79.4519
16260	296	266	24078247	108695	9.297	0.042	41.39646	-79.2308
16262	3007	1288	90556479	0	34.964	0	40.83903	-79.6522
16263	317	138	4066288	0	1.57	0	40.80172	-79.3366
16301	16321	8118	2.76E+08	5818345	106.598	2.246	41.45422	-79.6239
16311	564	312	38032125	314970	14.684	0.122	41.46217	-80.0424
16312	25	12	72297	0	0.028	0	41.93214	-79.3032
16313	1848	1377	2.55E+08	351850	98.353	0.136	41.73369	-79.1224
16314	5507	2714	2.36E+08	1237935	91.12	0.478	41.52068	-80.0771
16316	5436	4141	1.23E+08	4102811	47.492	1.584	41.60177	-80.3036
16317	1456	703	77374554	0	29.874	0	41.53256	-79.8537
16319	1355	581	88774531	44678	34.276	0.017	41.3242	-79.6235
16321	76	95	3298560	0	1.274	0	41.57106	-79.3996
16322	158	146	15812230	0	6.105	0	41.59885	-79.3736
16323	16372	7587	2.61E+08	5491250	100.68	2.12	41.41192	-79.8283
16326	391	169	17696870	20225	6.833	0.008	41.37616	-79.4317
16327	2978	1277	1.71E+08	885189	66.206	0.342	41.63708	-79.9596
16328	80	43	146501	0	0.057	0	41.65323	-79.7255
16329	528	396	21283419	1854007	8.218	0.716	41.79864	-79.2589
16331	88	32	3410081	14252	1.317	0.006	41.29373	-79.5587
16332	53	34	7763614	25225	2.998	0.01	41.35672	-79.3695
16333	240	186	16967118	808	6.551	0	41.69733	-78.9168

16334	338	141	14090077	4255	5.44	0.002	41.29055	-79.4494
16335	28445	13013	2.91E+08	2942242	112.195	1.136	41.63102	-80.1559
16340	1990	1322	2.49E+08	0	96.304	0	41.80238	-79.4177
16341	2030	1169	1.75E+08	0	67.576	0	41.56608	-79.5494
16342	2281	1142	1.6E+08	1913937	61.748	0.739	41.32189	-79.9415
16343	449	210	12312620	1864661	4.754	0.72	41.42603	-79.7527
16344	523	230	2313735	0	0.893	0	41.47039	-79.6845
16345	3543	1788	2.31E+08	7686246	89.217	2.968	41.9444	-79.0829
16346	3247	1494	42560123	0	16.433	0	41.3785	-79.672
16347	2238	1787	2.66E+08	16619	102.851	0.006	41.65952	-79.0694
16350	2737	1051	1.19E+08	87080	46.033	0.034	41.95694	-79.3344
16351	1716	2609	2.57E+08	4585553	99.395	1.77	41.67535	-79.3703
16352	245	164	33168304	0	12.806	0	41.76727	-79.0384
16353	3348	5036	3.76E+08	6527750	145.243	2.52	41.49572	-79.373
16354	11379	5388	3.21E+08	0	123.881	0	41.61373	-79.7065
16360	1383	608	74434920	265249	28.739	0.102	41.68411	-79.8909
16361	53	44	5645684	6440	2.18	0.002	41.38389	-79.3459
16362	1102	582	68180387	838334	26.325	0.324	41.4505	-79.9652
16364	1347	582	86526280	26683	33.408	0.01	41.35141	-79.5273
16365	18579	9299	3.78E+08	5860035	145.756	2.263	41.84022	-79.1574
16370	358	586	32587217	1136289	12.582	0.439	41.57481	-79.46
16371	3260	1580	79337796	10988	30.632	0.004	41.86995	-79.3261
16372	499	240	3073209	7694	1.187	0.003	41.20017	-79.8729
16373	3510	1926	2.07E+08	6675060	80.016	2.577	41.20847	-79.6984
16374	1968	1802	1.85E+08	1323659	71.253	0.511	41.2635	-79.8151
16401	6581	1902	1.48E+08	992072	57.016	0.383	41.87848	-80.4052
16402	956	414	57294362	90103	22.121	0.035	41.96103	-79.4698
16403	7029	2718	2.4E+08	949048	92.552	0.366	41.793	-80.0141
16404	3269	1497	2.34E+08	160468	90.166	0.062	41.72701	-79.7894
16405	922	411	62801609	8121	24.248	0.003	41.94654	-79.5359
16406	3509	1470	1.98E+08	122951	76.499	0.047	41.74951	-80.3621
16407	11317	4851	2.78E+08	858043	107.471	0.331	41.92216	-79.6643
16410	1854	704	58348756	232334	22.529	0.09	41.92275	-80.3085
16411	1477	762	46020067	5182266	17.768	2.001	41.97796	-80.4471
16412	10480	4711	2.07E+08	1666206	80.095	0.643	41.88493	-80.1704
16415	8916	3399	61399724	2257121	23.707	0.871	42.03752	-80.2303
16416	203	103	10128460	0	3.911	0	41.82573	-79.4727
16417	8329	3516	1.2E+08	913901	46.406	0.353	41.97141	-80.3138
16420	650	472	1.26E+08	0	48.636	0	41.6963	-79.5473
16421	2518	1012	27451943	46151	10.599	0.018	42.17126	-79.9319
16422	401	184	3565315	77993	1.377	0.03	41.66756	-80.3102
16423	4450	1854	24508036	2949960	9.463	1.139	42.02065	-80.3396
16424	4676	3939	1.77E+08	36850953	68.28	14.228	41.66141	-80.439
16426	3730	1558	70136937	294383	27.08	0.114	41.97933	-80.1421
16427	193	76	671496	0	0.259	0	41.87737	-79.9679
16428	12478	5251	1.9E+08	9791807	73.4	3.781	42.17146	-79.8315
16433	5384	2207	1.46E+08	1466190	56.215	0.566	41.73569	-80.1428

16434	2990	1069	1.62E+08	266621	62.626	0.103	41.7969	-79.6686
16435	2108	910	1.45E+08	2315	55.799	0.001	41.81704	-80.3854
16436	756	520	1.2E+08	80118	46.493	0.031	41.83892	-79.5105
16438	8083	4164	2.67E+08	2054381	103.259	0.793	41.8923	-79.8453
16440	891	464	28350628	42406	10.946	0.016	41.78255	-80.126
16441	10136	4045	2.92E+08	2267120	112.654	0.875	41.95849	-79.9836
16442	2958	1132	1.3E+08	818150	50.308	0.316	42.03849	-79.8257
16443	1425	594	29206878	318659	11.277	0.123	41.93965	-80.4842
16444	1717	0	679444	33641	0.262	0.013	41.87129	-80.1204
16501	2044	1471	1762373	13680	0.68	0.005	42.12129	-80.0889
16502	16664	7894	6606084	0	2.551	0	42.1107	-80.1014
16503	16850	6980	6336664	11266	2.447	0.004	42.12694	-80.0616
16504	17322	7159	7220367	0	2.788	0	42.10907	-80.049
16505	17168	8554	30734858	16300702	11.867	6.294	42.13134	-80.1383
16506	23720	10345	36260590	72539	14	0.028	42.06235	-80.1517
16507	11088	4766	5441490	2457967	2.101	0.949	42.13696	-80.0843
16508	16050	7214	7316297	27626	2.825	0.011	42.09681	-80.094
16509	26810	12307	98751206	100635	38.128	0.039	42.06003	-80.0381
16510	25625	10299	84885083	40261	32.774	0.016	42.10874	-79.9546
16511	11382	5004	19410241	5673983	7.494	2.191	42.16626	-79.9902
16546	1154	0	142166	0	0.055	0	42.10492	-80.0534
16563	1621	0	1149898	890	0.444	0	42.11733	-79.9865
16601	33870	14980	2.24E+08	1074511	86.506	0.415	40.55526	-78.3704
16602	29554	13515	38334662	61739	14.801	0.024	40.5126	-78.3739
16611	2410	1125	1.11E+08	117328	42.747	0.045	40.57996	-78.1157
16613	1535	639	66397717	0	25.636	0	40.54803	-78.5376
16616	116	66	5918790	18325	2.285	0.007	40.76755	-78.4401
16617	2806	1255	4205263	25522	1.624	0.01	40.60747	-78.3224
16619	347	168	34502521	40932	13.321	0.016	40.65951	-78.4458
16620	414	194	2215232	37554	0.855	0.014	40.84069	-78.3518
16621	737	346	33781232	0	13.043	0	40.23225	-78.1252
16622	175	94	19289629	0	7.448	0	40.32864	-78.0664
16623	567	329	33440032	0	12.911	0	40.27168	-78.0522
16624	204	95	3039410	0	1.174	0	40.57043	-78.6005
16625	3868	1938	83009292	10534	32.05	0.004	40.27493	-78.505
16627	2278	1130	84273984	498518	32.538	0.192	40.75788	-78.4978
16630	5080	2169	28375242	0	10.956	0	40.45618	-78.5764
16631	90	35	1558077	0	0.602	0	40.27277	-78.3456
16633	200	90	875263	0	0.338	0	40.15739	-78.2349
16634	302	158	8881648	0	3.429	0	40.21095	-78.1731
16635	11321	4990	1.47E+08	245296	56.758	0.095	40.41085	-78.4994
16636	742	349	72708568	17741	28.073	0.007	40.60032	-78.5012
16637	2873	1322	48557976	0	18.748	0	40.3411	-78.4672
16638	67	37	1781343	0	0.688	0	40.33661	-78.2036
16639	1494	793	93562147	83628	36.125	0.032	40.6955	-78.4481
16640	817	571	34256424	270211	13.226	0.104	40.70748	-78.5763
16641	2598	1158	43653057	0	16.855	0	40.48979	-78.485

16645	142	63	4569468	114649	1.764	0.044	40.79936	-78.499
16646	2558	1072	49542594	253	19.129	0	40.68933	-78.7273
16647	764	694	57005716	15390694	22.01	5.942	40.40058	-78.1038
16648	15538	6548	1.49E+08	1201127	57.603	0.464	40.43445	-78.331
16650	2036	1023	1.16E+08	1097479	44.917	0.424	40.12096	-78.2881
16651	5813	1762	1.1E+08	665016	42.439	0.257	40.85129	-78.381
16652	18028	7329	4.58E+08	10494024	176.801	4.052	40.51602	-77.9501
16655	1601	687	90399805	70604	34.904	0.027	40.22756	-78.5031
16656	1297	608	74273398	406535	28.677	0.157	40.80721	-78.5561
16657	1343	1017	1.35E+08	7045079	52.013	2.72	40.32486	-78.1803
16659	303	135	4710037	0	1.819	0	40.16155	-78.3897
16661	951	472	52403609	736598	20.233	0.284	40.83109	-78.4609
16662	6040	2565	1.53E+08	13716	59.086	0.005	40.31273	-78.2955
16664	2104	768	1.06E+08	91390	40.861	0.035	40.18075	-78.4236
16665	299	134	1046105	0	0.404	0	40.38871	-78.4342
16666	2960	1393	67398715	288833	26.023	0.112	40.8858	-78.3273
16667	1392	582	43914102	176756	16.955	0.068	40.1783	-78.5317
16668	3569	1633	1.4E+08	6172359	54.161	2.383	40.65509	-78.6195
16669	2351	1333	2.75E+08	779072	106.023	0.301	40.65595	-77.9067
16670	47	25	412436	0	0.159	0	40.26238	-78.508
16671	505	247	6322535	17594	2.441	0.007	40.78755	-78.3982
16672	187	91	11222306	112246	4.333	0.043	40.17225	-78.2412
16673	5519	2421	80427830	0	31.053	0	40.31244	-78.3915
16674	736	450	58511292	0	22.591	0	40.18942	-78.0883
16677	481	236	5971505	0	2.306	0	40.81184	-78.2436
16678	2689	1371	1.18E+08	3082685	45.388	1.19	40.22258	-78.2382
16679	844	405	54486580	1919	21.037	0.001	40.15537	-78.1946
16680	427	219	17494136	58386	6.755	0.023	40.7432	-78.3776
16682	117	51	555565	0	0.215	0	40.26606	-78.4578
16683	383	249	39337631	212957	15.188	0.082	40.64873	-78.0841
16685	249	231	23609324	0	9.116	0	40.28749	-78.0826
16686	13488	5970	3.5E+08	566154	135.124	0.219	40.66834	-78.2513
16689	462	215	53070466	0	20.491	0	40.12999	-78.129
16691	314	172	74803851	0	28.882	0	40.07749	-78.1459
16692	753	342	43621628	235057	16.842	0.091	40.75083	-78.7108
16693	4185	1780	1.94E+08	111172	74.91	0.043	40.47577	-78.2119
16694	254	118	5733772	23257	2.214	0.009	40.1553	-78.1488
16695	1198	445	40839971	71788	15.768	0.028	40.20303	-78.3368
16699	1469	0	164936	0	0.064	0	40.44721	-78.5605
16701	17980	8212	5.59E+08	22586302	215.76	8.721	41.91846	-78.7506
16720	1392	2257	7.58E+08	546563	292.738	0.211	41.60396	-78.0175
16724	143	80	5831725	35396	2.252	0.014	41.73199	-78.3692
16725	166	77	1133071	19328	0.437	0.007	41.90818	-78.6553
16726	542	248	65960730	12602	25.468	0.005	41.81459	-78.5725
16727	211	91	11163493	0	4.31	0	41.98101	-78.53
16728	25	21	14440369	0	5.575	0	41.56577	-78.9242
16729	761	352	35867187	18092	13.848	0.007	41.96255	-78.477

16730	121	67	1515059	36331	0.585	0.014	41.81781	-78.4228
16731	2818	1349	1.54E+08	1368100	59.325	0.528	41.95138	-78.3604
16732	293	134	17083316	0	6.596	0	41.85726	-78.6173
16733	222	128	29709580	6994	11.471	0.003	41.69551	-78.5827
16734	287	134	2102805	2906	0.812	0.001	41.61761	-78.8402
16735	6309	3879	7.09E+08	2572242	273.807	0.993	41.6361	-78.8134
16738	2679	823	1.7E+08	271568	65.457	0.105	41.80979	-78.7197
16740	1032	649	1.1E+08	255071	42.316	0.098	41.74096	-78.6815
16743	3942	1980	2.78E+08	1070735	107.312	0.413	41.76764	-78.233
16744	332	136	17809438	0	6.876	0	41.86709	-78.5671
16745	611	252	29026965	44764	11.207	0.017	41.92227	-78.4805
16746	1265	749	1.08E+08	2213	41.628	0.001	41.79388	-78.1225
16748	2997	1602	2.67E+08	530357	103.221	0.205	41.94723	-78.1445
16749	4319	2392	4.25E+08	1487619	163.917	0.574	41.77955	-78.4433
16750	417	203	49958175	208048	19.289	0.08	41.88898	-78.2916
16801	42812	18494	81068153	0	31.301	0	40.77893	-77.8414
16802	12764	5	2159902	0	0.834	0	40.80261	-77.8606
16803	23685	11144	62776845	0	24.238	0	40.80168	-77.8996
16820	1217	547	73607250	0	28.42	0	40.8957	-77.3924
16821	318	129	2777818	4958	1.073	0.002	40.96439	-78.2009
16822	2283	1237	2.55E+08	616146	98.317	0.238	41.1483	-77.697
16823	26617	11023	3.32E+08	200982	128.277	0.078	40.93905	-77.7726
16825	240	107	1391036	6008	0.537	0.002	40.98677	-78.3165
16826	616	311	8492327	0	3.279	0	41.05392	-77.5804
16827	3991	1755	45389704	4845	17.525	0.002	40.7675	-77.7678
16828	4478	2120	1.46E+08	283722	56.269	0.11	40.81211	-77.6806
16829	666	406	83493718	8548	32.237	0.003	41.08164	-77.8936
16830	13695	6840	3.32E+08	3251930	128.017	1.256	41.07886	-78.4286
16832	510	391	44744515	50179	17.276	0.019	40.84031	-77.478
16833	5342	2505	1.85E+08	3454867	71.435	1.334	40.94431	-78.5766
16834	299	151	47202846	641199	18.225	0.248	41.05182	-78.0871
16835	238	109	432101	0	0.167	0	40.90743	-77.8774
16836	1152	1112	3.16E+08	1736930	122.027	0.671	41.15972	-78.2735
16837	186	79	2191681	5841	0.846	0.002	40.94544	-78.4745
16838	1821	873	1.06E+08	371933	40.882	0.144	40.99146	-78.6366
16839	489	222	2769408	2488	1.069	0.001	41.00385	-78.1105
16840	510	250	1964018	8469	0.758	0.003	40.92426	-78.2031
16841	5934	2784	3.41E+08	4498789	131.646	1.737	41.04461	-77.6982
16843	657	358	1034053	9136	0.399	0.004	41.00276	-78.4656
16844	2769	1251	1.62E+08	0	62.654	0	40.90907	-77.9321
16845	1088	546	3.14E+08	2677003	121.411	1.034	41.12195	-78.0184
16847	335	145	3340046	9943	1.29	0.004	40.99933	-78.1654
16848	319	165	989733	57309	0.382	0.022	41.01062	-77.5359
16849	331	159	10659502	11973	4.116	0.005	40.96174	-78.1147
16851	866	354	10665992	0	4.118	0	40.82187	-77.7872
16852	371	146	8708295	0	3.362	0	40.93703	-77.5187
16853	300	151	689779	0	0.266	0	40.93921	-77.7871

16854	947	444	6186551	0	2.389	0	40.89802	-77.4731
16855	282	129	6930244	75747	2.676	0.029	40.99646	-78.3757
16858	3688	1674	1.39E+08	900808	53.699	0.348	40.99849	-78.2029
16859	542	306	59074158	0	22.809	0	41.04074	-78.0232
16860	451	216	14092488	36709	5.441	0.014	40.93794	-78.1798
16861	311	166	31399543	74480	12.123	0.029	40.85932	-78.5206
16863	718	353	65836404	931170	25.42	0.36	40.90785	-78.4746
16865	1839	775	90836624	26160	35.072	0.01	40.71205	-77.9959
16866	9881	4268	4.15E+08	1125122	160.25	0.434	40.82933	-78.1813
16868	483	231	1554749	0	0.6	0	40.73197	-77.8805
16870	7046	2765	1.76E+08	47101	68.092	0.018	40.8017	-78.0633
16871	46	112	64531742	900692	24.916	0.348	41.18662	-78.0257
16872	1551	696	1.5E+08	0	57.92	0	40.96748	-77.3584
16874	1371	669	89408104	25753	34.521	0.01	40.98482	-77.976
16875	3945	1910	2.02E+08	71811	77.851	0.028	40.84079	-77.5873
16876	311	129	2825600	5509	1.091	0.002	40.96564	-78.2876
16877	1762	727	81875742	0	31.612	0	40.73869	-78.0608
16878	1762	820	52845398	90644	20.404	0.035	40.94894	-78.3236
16879	532	229	5625442	17518	2.172	0.007	40.96988	-78.1502
16881	2232	969	81281143	1084765	31.383	0.419	41.02679	-78.3203
16882	300	254	68347480	0	26.389	0	40.91245	-77.3235
16901	10243	5342	6.02E+08	1531193	232.584	0.591	41.72129	-77.3373
16911	332	188	22477009	123432	8.678	0.048	41.65604	-77.1274
16912	1776	920	65519066	78664	25.297	0.03	41.67844	-77.0433
16914	2347	1105	1.96E+08	966674	75.628	0.373	41.85422	-76.7837
16915	5929	3631	6.31E+08	63528	243.611	0.025	41.7753	-77.9712
16917	1437	735	1.15E+08	81698	44.48	0.032	41.7217	-77.0568
16920	2006	899	24740195	25916	9.552	0.01	41.97361	-77.2808
16921	475	658	1.59E+08	34591	61.544	0.013	41.72413	-77.5563
16922	2002	2049	3.97E+08	235909	153.175	0.091	41.66621	-77.7023
16923	1470	880	2.03E+08	60951	78.33	0.024	41.95057	-77.8705
16925	3186	1505	2E+08	610919	77.151	0.236	41.9485	-76.7836
16926	872	373	62750792	211286	24.228	0.082	41.72709	-76.7017
16927	651	338	48903927	0	18.882	0	41.95871	-77.6587
16928	1387	649	89399158	0	34.517	0	41.95334	-77.4345
16929	2320	1078	1.2E+08	33625	46.215	0.013	41.96101	-77.1335
16930	1300	635	1.73E+08	329710	66.735	0.127	41.58378	-77.1388
16932	734	330	55061345	99246	21.259	0.038	41.77862	-76.9393
16933	7488	2917	2.52E+08	250555	97.474	0.097	41.81942	-77.0625
16935	1256	672	1.3E+08	20551	50.029	0.008	41.87749	-77.3047
16936	2095	972	1.25E+08	146785	48.25	0.057	41.95113	-76.9671
16937	172	100	19005921	12838	7.338	0.005	41.9679	-77.7109
16938	747	813	2.74E+08	412393	105.748	0.159	41.58113	-77.3677
16939	295	144	6970422	19475	2.691	0.008	41.66202	-77.0289
16940	302	132	6051912	0	2.337	0	41.9854	-77.2383
16941	69	34	6306921	0	2.435	0	41.9883	-77.758
16942	847	400	61318720	0	23.675	0	41.96252	-77.3522

16943	549	447	97651807	43527	37.704	0.017	41.83016	-77.6128
16946	2484	1207	1.6E+08	4758623	61.616	1.837	41.90875	-77.1378
16947	4818	2344	2.99E+08	1378819	115.268	0.532	41.7595	-76.8041
16948	1634	1142	2.39E+08	51437	92.443	0.02	41.85472	-77.7592
16950	3378	2011	2.97E+08	476716	114.625	0.184	41.89991	-77.532
17002	784	287	35400284	4602	13.668	0.002	40.50247	-77.8484
17003	11720	4495	1.23E+08	508563	47.456	0.196	40.36236	-76.5696
17004	5000	1811	1.26E+08	141155	48.838	0.055	40.60146	-77.7295
17005	368	162	1473762	0	0.569	0	40.60285	-76.8097
17006	1052	699	1.99E+08	580326	76.876	0.224	40.28678	-77.546
17007	5591	2240	53812369	489580	20.777	0.189	40.12579	-77.1188
17009	2007	909	3849241	36129	1.486	0.014	40.63611	-77.5653
17010	182	77	89253	0	0.034	0	40.27799	-76.5828
17011	34586	14266	33710364	1586102	13.016	0.612	40.23483	-76.9288
17013	34575	14956	1.11E+08	1331805	42.901	0.514	40.24269	-77.1973
17015	20798	8579	2.94E+08	2072789	113.685	0.8	40.17783	-77.2295
17016	799	440	1876777	0	0.725	0	40.27748	-76.4023
17017	1755	797	56658971	9485859	21.876	3.663	40.63779	-76.8822
17018	4313	1933	1.03E+08	9842496	39.831	3.8	40.42206	-76.8261
17019	17721	7207	1.63E+08	234581	62.961	0.091	40.09402	-77.0221
17020	9047	3836	1.49E+08	2660900	57.519	1.027	40.41417	-77.0415
17021	1088	661	1.35E+08	27234	52.156	0.011	40.33053	-77.6682
17022	29602	11592	1.42E+08	579361	55.014	0.224	40.16705	-76.6089
17023	3535	1507	58298725	0	22.509	0	40.58427	-76.8163
17024	1893	817	81775013	86317	31.574	0.033	40.40693	-77.3068
17025	16778	7195	39092898	160375	15.094	0.062	40.29409	-76.9745
17026	3616	1417	58184912	92632	22.465	0.036	40.45844	-76.4314
17027	2141	152	970341	32910	0.375	0.013	40.15589	-76.9955
17028	3720	1577	63106345	29310	24.365	0.011	40.39646	-76.6592
17029	371	154	3536348	147750	1.365	0.057	40.55802	-77.617
17030	832	366	10534586	0	4.067	0	40.60924	-76.7256
17032	8192	3502	2.86E+08	16778473	110.467	6.478	40.48993	-76.8328
17033	16972	6912	66562783	402914	25.7	0.156	40.27182	-76.6376
17034	2414	1280	1926206	56780	0.744	0.022	40.20861	-76.7855
17035	839	497	91495858	1972	35.327	0.001	40.40379	-77.5813
17036	21913	9208	70854854	633959	27.357	0.245	40.26894	-76.7131
17037	1126	621	63930702	107148	24.684	0.041	40.43405	-77.4217
17038	8219	3292	1.87E+08	98908	72.051	0.038	40.46788	-76.5559
17039	37	14	1554716	25288	0.6	0.01	40.29271	-76.2407
17040	2787	1200	1.29E+08	867150	49.998	0.335	40.3228	-77.3041
17041	213	76	1457661	0	0.563	0	40.21663	-76.5396
17042	37133	15622	1.71E+08	406014	66.148	0.157	40.29482	-76.4248
17043	5957	3152	5234306	6477	2.021	0.003	40.24758	-76.9001
17044	21209	10147	2.54E+08	4067295	98.103	1.57	40.57724	-77.5943
17045	3350	1477	1.02E+08	201437	39.215	0.078	40.59709	-77.0009
17046	29790	12370	99030512	360737	38.236	0.139	40.38186	-76.4296
17047	2526	1018	1.19E+08	599217	46.054	0.231	40.37655	-77.4283

17048	4046	1757	89841200	17973	34.688	0.007	40.57679	-76.7613
17049	3360	1472	1.04E+08	0	40.038	0	40.65304	-77.2561
17050	32815	14292	83118906	1974541	32.092	0.762	40.24799	-77.0266
17051	4653	2300	2.28E+08	2611165	88.073	1.008	40.45952	-77.7758
17052	1635	814	1.04E+08	655334	40.131	0.253	40.27691	-77.9863
17053	5001	2200	74492551	39727	28.762	0.015	40.32504	-77.0265
17055	34237	15388	1.08E+08	698545	41.665	0.27	40.18292	-77.0046
17056	128	54	218736	0	0.084	0	40.53729	-77.3543
17057	21329	9602	83672014	17449529	32.306	6.737	40.19356	-76.7246
17058	1909	896	1.02E+08	405971	39.456	0.157	40.50543	-77.5524
17059	7579	3176	2.13E+08	2269924	82.121	0.876	40.5897	-77.3911
17060	1334	563	65156288	128384	25.157	0.05	40.46926	-77.894
17061	7157	3193	88498717	13839164	34.17	5.343	40.56637	-76.9094
17062	3979	1738	2.11E+08	2508128	81.308	0.968	40.54691	-77.1875
17063	3311	1866	2.43E+08	777143	93.672	0.3	40.76103	-77.4849
17064	645	543	3068576	0	1.185	0	40.24223	-76.4761
17065	4222	1771	22350839	438751	8.63	0.169	40.11021	-77.189
17066	5348	2675	82875708	1967283	31.998	0.76	40.35282	-77.8692
17067	14232	5725	1.27E+08	220399	49.064	0.085	40.39037	-76.315
17068	4298	1759	86973347	271047	33.581	0.105	40.41042	-77.1784
17069	133	71	126935	0	0.049	0	40.45399	-76.97
17070	15692	7269	34738655	151573	13.413	0.059	40.2024	-76.8657
17071	108	140	21551203	11044	8.321	0.004	40.29842	-77.6019
17072	193	81	172924	0	0.067	0	40.23373	-77.0817
17073	5271	1989	67346997	88983	26.003	0.034	40.30284	-76.2552
17074	7477	3441	1.65E+08	3865094	63.62	1.492	40.4789	-77.1486
17075	123	63	386640	58438	0.149	0.023	40.39428	-77.8342
17076	48	21	394260	0	0.152	0	40.61619	-77.3118
17077	46	16	9293	0	0.004	0	40.40301	-76.5359
17078	20218	8852	78486293	97183	30.304	0.038	40.28745	-76.5811
17080	298	138	1241600	0	0.479	0	40.64068	-76.8031
17081	352	155	1582454	0	0.611	0	40.20102	-77.2835
17082	3588	1616	1.51E+08	1389072	58.186	0.536	40.49948	-77.4355
17083	109	46	92567	0	0.036	0	40.2776	-76.4376
17084	4340	1847	82832455	312620	31.982	0.121	40.67551	-77.6266
17086	2499	1014	98910376	109710	38.19	0.042	40.69062	-77.122
17087	2767	1039	31775066	132516	12.268	0.051	40.43574	-76.2808
17088	823	335	4734916	0	1.828	0	40.30068	-76.2942
17090	5216	2191	87640960	679460	33.838	0.262	40.31821	-77.181
17093	801	304	971094	629	0.375	0	40.30721	-76.9306
17094	2392	1086	77625508	495366	29.971	0.191	40.58117	-77.1983
17097	925	432	7807976	0	3.015	0	40.5801	-76.6774
17098	2528	1209	25205627	0	9.732	0	40.58896	-76.6323
17099	1179	530	3972809	48089	1.534	0.019	40.63224	-77.5764
17101	2212	1867	1227958	1515102	0.474	0.585	40.25866	-76.8944
17102	7628	5072	2032017	2214922	0.785	0.855	40.27037	-76.9053
17103	11848	5421	5327541	0	2.057	0	40.27597	-76.8663

17104	20962	8747	6952677	1794350	2.684	0.693	40.25492	-76.8621
17109	23131	11230	19466799	0	7.516	0	40.28996	-76.8243
17110	24433	11559	33056665	11589075	12.763	4.475	40.31581	-76.8864
17111	30714	13097	47726884	45088	18.427	0.017	40.26772	-76.7871
17112	33850	14220	1.79E+08	0	69.007	0	40.3731	-76.7765
17113	10749	4741	11046325	6343446	4.265	2.449	40.22598	-76.828
17120	0	0	246180	0	0.095	0	40.26519	-76.8828
17201	25293	11323	49063905	0	18.944	0	39.96106	-77.6562
17202	30200	12214	3.08E+08	89718	119.04	0.035	39.87513	-77.6091
17210	193	102	31028817	13687	11.98	0.005	40.20635	-77.6584
17211	368	250	64820580	45620	25.027	0.018	39.75415	-78.401
17212	702	324	91273810	6256	35.241	0.002	39.8116	-78.066
17213	639	363	1.03E+08	9786	39.819	0.004	40.24419	-77.7712
17214	1089	543	10303654	0	3.978	0	39.74811	-77.4713
17215	347	163	30871896	15758	11.92	0.006	40.07824	-77.8929
17217	150	57	9995047	0	3.859	0	40.23863	-77.7216
17219	405	247	33901497	3264	13.089	0.001	40.24119	-77.6876
17220	534	188	33797592	14129	13.049	0.005	40.19105	-77.7387
17221	637	316	26709102	176661	10.312	0.068	40.06813	-77.8165
17222	10749	4900	1.52E+08	912631	58.742	0.352	39.89638	-77.494
17223	289	146	28202453	48630	10.889	0.019	40.0865	-77.9428
17224	1834	893	94897222	0	36.64	0	39.96794	-77.8975
17225	18879	7495	2.11E+08	357723	81.427	0.138	39.78356	-77.7629
17228	1183	529	74271741	0	28.676	0	39.9871	-78.0934
17229	1276	643	70368651	13580	27.169	0.005	40.084	-78.0101
17233	5047	2475	2.07E+08	967450	79.754	0.374	39.97561	-77.9872
17235	672	268	1540549	0	0.595	0	39.85719	-77.6981
17236	8895	3738	3.21E+08	221158	123.907	0.085	39.79752	-77.9469
17237	1917	649	7469337	0	2.884	0	39.83864	-77.5418
17238	1794	790	1.42E+08	0	54.642	0	39.85811	-78.1309
17239	203	118	23203903	0	8.959	0	40.1318	-77.8368
17240	3345	1196	1.24E+08	462682	47.963	0.179	40.15087	-77.5797
17241	11853	4854	2.91E+08	1960770	112.233	0.757	40.17653	-77.4084
17243	1329	889	1.55E+08	0	59.712	0	40.27753	-77.8199
17244	2407	959	67056482	305375	25.891	0.118	40.08676	-77.6586
17246	195	84	4213929	0	1.627	0	40.05439	-77.6608
17247	366	200	376686	0	0.145	0	39.79878	-77.5794
17249	371	168	809379	0	0.313	0	40.24138	-77.8995
17250	68	42	22724	0	0.009	0	39.73714	-77.5243
17251	158	92	5773034	103618	2.229	0.04	40.1318	-77.6856
17252	3608	1478	72053336	13434	27.82	0.005	39.91302	-77.8223
17253	337	139	686397	0	0.265	0	40.21331	-78.0069
17254	89	47	919800	0	0.355	0	39.97023	-77.5904
17255	1125	577	77760816	0	30.024	0	40.16124	-77.8625
17256	91	33	275089	0	0.106	0	39.78291	-77.6773
17257	27996	10635	3.04E+08	825827	117.443	0.319	40.04682	-77.4931
17260	1164	569	92716675	22760	35.798	0.009	40.29605	-77.8937

17261	193	0	6218769	0	2.401	0	39.86091	-77.5082
17262	1462	542	69691840	7162	26.908	0.003	40.145	-77.7402
17263	467	194	912016	0	0.352	0	39.72722	-77.7179
17264	2305	1284	1.41E+08	0	54.445	0	40.17993	-77.9937
17265	496	294	98233899	122319	37.928	0.047	40.02732	-77.7814
17266	581	228	3485165	4508	1.346	0.002	40.0886	-77.4129
17267	2810	1317	2.48E+08	18445	95.809	0.007	39.80796	-78.2397
17268	28285	12283	2.05E+08	40164	79.132	0.016	39.77487	-77.5756
17270	115	45	253687	0	0.098	0	39.85473	-77.7978
17271	339	145	27585794	0	10.651	0	40.09775	-77.8031
17272	294	146	474482	0	0.183	0	39.76953	-77.6218
17301	4053	1579	34007289	108807	13.13	0.042	39.89524	-76.979
17302	3083	1259	99554417	354128	38.438	0.137	39.81729	-76.4137
17304	3059	1191	62824964	337044	24.257	0.13	39.97725	-77.2327
17306	318	129	891013	0	0.344	0	39.98058	-77.2494
17307	5899	2482	1.54E+08	250111	59.599	0.097	39.94777	-77.3268
17309	2086	881	64194622	0	24.786	0	39.87133	-76.4501
17311	252	114	142108	0	0.055	0	39.81655	-76.8425
17313	10899	4562	27424127	90382	10.589	0.035	39.88398	-76.6595
17314	5929	2475	91971692	1560640	35.51	0.603	39.75551	-76.3263
17315	25756	10641	1.62E+08	1483859	62.505	0.573	40.0266	-76.8641
17316	8266	3316	1.08E+08	1703797	41.728	0.658	39.96547	-77.008
17317	755	272	587515	0	0.227	0	39.97071	-76.5232
17318	344	155	1551605	0	0.599	0	40.02226	-76.723
17319	10417	4092	44891589	7427	17.333	0.003	40.16052	-76.7939
17320	7823	3196	1.44E+08	422556	55.565	0.163	39.76863	-77.3876
17321	2238	862	42239673	16109	16.309	0.006	39.75126	-76.4429
17322	6012	2280	98863144	0	38.171	0	39.85591	-76.5327
17324	4219	1968	1.35E+08	627482	52.146	0.242	40.03181	-77.235
17325	27619	10978	3.33E+08	1705737	128.498	0.659	39.82625	-77.2276
17327	7565	3149	1.19E+08	0	45.926	0	39.77951	-76.7533
17329	2494	953	42368642	0	16.359	0	39.76184	-76.8511
17331	50292	21115	1.96E+08	5404048	75.8	2.087	39.78969	-76.978
17339	6940	2833	72665773	245720	28.056	0.095	40.13473	-76.8853
17340	10896	4382	1E+08	202268	38.698	0.078	39.75523	-77.1168
17343	180	80	1981369	6942	0.765	0.003	39.86925	-77.3348
17344	3656	1600	2069376	0	0.799	0	39.80569	-77.0192
17345	7679	3212	26125068	526613	10.087	0.203	40.07809	-76.7475
17347	6202	2367	35589213	1276273	13.741	0.493	40.0577	-76.6882
17349	7570	2953	53711748	22309	20.738	0.009	39.74499	-76.6474
17350	12886	5071	1.12E+08	1086249	43.389	0.419	39.89009	-77.0794
17352	1292	484	35706027	0	13.786	0	39.7612	-76.4998
17353	3228	1436	1.06E+08	152545	40.802	0.059	39.88318	-77.3718
17355	261	114	1581217	0	0.611	0	39.75987	-76.696
17356	21610	8835	84216263	0	32.516	0	39.89659	-76.5823
17360	5927	2299	69539556	360346	26.849	0.139	39.85437	-76.7504
17361	5806	2414	8108044	0	3.131	0	39.76552	-76.677

17362	13397	5264	1.25E+08	2171477	48.226	0.838	39.84768	-76.8687
17363	9413	3621	97450914	0	37.626	0	39.76862	-76.5864
17364	3907	1526	43265464	0	16.705	0	39.92939	-76.8993
17365	2510	1091	51281885	1558582	19.8	0.602	40.05606	-76.938
17366	5499	2209	29174253	37958	11.264	0.015	39.93279	-76.5567
17368	7322	3212	47477991	0	18.331	0	39.98386	-76.5187
17370	5683	2250	29155958	409838	11.257	0.158	40.12144	-76.7784
17371	257	111	519495	0	0.201	0	39.90271	-76.788
17372	4101	1629	84711519	237985	32.707	0.092	40.00147	-77.1062
17401	17687	7458	3720684	113185	1.437	0.044	39.95946	-76.7335
17402	36360	14346	49809181	41185	19.231	0.016	39.95849	-76.6587
17403	39042	15987	52958231	1158203	20.447	0.447	39.92323	-76.7128
17404	35517	14804	54888993	36295	21.193	0.014	40.00261	-76.7735
17406	22156	9547	1.28E+08	120332	49.551	0.046	40.01465	-76.6405
17407	2355	857	3724019	255663	1.438	0.099	39.88377	-76.7121
17408	22507	9675	66962165	199538	25.854	0.077	39.92901	-76.7996
17501	4307	1880	3603127	17543	1.391	0.007	40.1566	-76.204
17502	2464	973	25630797	9987713	9.896	3.856	40.1009	-76.6601
17505	1785	517	17870793	251462	6.9	0.097	40.0635	-76.1924
17507	62	31	55706	0	0.022	0	40.19804	-76.0162
17508	423	157	382285	0	0.148	0	40.12476	-76.2188
17509	4664	1411	66791567	217145	25.788	0.084	39.91206	-76.0365
17512	17836	7580	42161806	12618055	16.279	4.872	40.04017	-76.4863
17516	4496	1768	53818300	1382091	20.779	0.534	39.94146	-76.3714
17517	15391	5705	90502733	2485103	34.943	0.96	40.24475	-76.1329
17518	1355	456	36641569	11451057	14.147	4.421	39.80893	-76.253
17519	6824	2246	57461231	512073	22.186	0.198	40.14144	-76.0234
17520	4686	1844	4830491	21308	1.865	0.008	40.09752	-76.3492
17522	32483	12752	1.13E+08	1191328	43.696	0.46	40.17148	-76.1691
17527	6080	1950	52902008	280249	20.426	0.108	40.00888	-75.9913
17529	4317	1403	40651128	200888	15.695	0.078	40.04193	-76.0971
17532	3381	1236	54906914	7199846	21.2	2.78	39.85816	-76.288
17535	2458	720	28069388	187742	10.838	0.072	39.98204	-76.0229
17536	2839	884	56076111	1794186	21.651	0.693	39.84803	-76.0738
17538	6045	2415	9941068	13195	3.838	0.005	40.08263	-76.4145
17540	9791	3518	50689597	441630	19.571	0.171	40.09754	-76.1899
17543	42626	16960	1.8E+08	1541198	69.325	0.595	40.18103	-76.2954
17545	21256	8531	1.84E+08	1130976	70.915	0.437	40.17867	-76.4344
17547	7378	3037	31078180	5841308	11.999	2.255	40.06848	-76.5864
17550	790	349	460033	0	0.178	0	40.07589	-76.5834
17551	10857	3622	26128822	545503	10.088	0.211	39.9822	-76.3714
17552	17831	7551	84055411	620713	32.454	0.24	40.10724	-76.5108
17554	7525	3254	8113381	22464	3.133	0.009	40.0403	-76.4242
17555	7525	2318	90439624	513538	34.919	0.198	40.12235	-75.9594
17557	13811	5302	84062366	413163	32.457	0.16	40.09985	-76.0727
17560	5118	1976	41575314	254859	16.052	0.098	39.91268	-76.2277
17562	4464	1394	44228388	222308	17.077	0.086	39.97044	-76.0921

17563	3849	1374	81780550	8975825	31.576	3.466	39.76075	-76.1933
17565	2537	967	35666455	7004079	13.771	2.704	39.8977	-76.331
17566	12019	4245	1.51E+08	658000	58.358	0.254	39.86719	-76.1475
17569	5448	2025	42369724	291663	16.359	0.113	40.27143	-76.0966
17570	291	120	178897	0	0.069	0	40.12994	-76.5689
17572	3859	1251	45068053	419285	17.401	0.162	39.97501	-76.1201
17576	129	53	132304	9059	0.051	0.003	40.0372	-76.1968
17578	7485	2684	39645549	330540	15.307	0.128	40.2261	-76.1598
17579	5935	2179	36055738	198593	13.921	0.077	39.96041	-76.1808
17581	951	367	867072	1047	0.335	0	40.16026	-76.0487
17582	2026	772	23002339	19985493	8.881	7.716	39.99314	-76.4692
17584	8957	3859	37573006	345479	14.507	0.133	39.95454	-76.2598
17601	49779	20711	86274459	712454	33.311	0.275	40.07424	-76.3149
17602	52452	20395	66383156	1108188	25.631	0.428	40.01462	-76.2464
17603	61973	26317	77195090	998812	29.805	0.386	40.03084	-76.3304
17606	392	247	121495	0	0.047	0	40.11167	-76.3039
17701	44661	20039	2.32E+08	3961139	89.443	1.529	41.34505	-76.8573
17702	10721	4792	1.6E+08	4903215	61.891	1.893	41.18349	-77.0773
17721	1604	740	1913700	0	0.739	0	41.18363	-77.3184
17723	34	94	34291055	1834	13.24	0.001	41.43502	-77.4714
17724	5424	2547	2.9E+08	1293151	112.097	0.499	41.64253	-76.8051
17727	72	347	2.77E+08	1805773	106.885	0.697	41.51069	-77.4965
17728	5120	2173	1.23E+08	705371	47.476	0.272	41.33477	-77.0786
17729	159	638	2.83E+08	135193	109.21	0.052	41.51122	-77.7361
17730	257	109	437727	0	0.169	0	41.11045	-76.8784
17731	185	466	35875346	548696	13.852	0.212	41.42941	-76.5787
17737	6220	2852	1.87E+08	1083165	72.058	0.418	41.29927	-76.6858
17739	32	118	32485064	363713	12.543	0.14	41.39722	-77.4012
17740	12754	5542	3.53E+08	5346152	136.194	2.064	41.25063	-77.2678
17742	39	23	196904	8474	0.076	0.003	41.23853	-76.6023
17744	3175	1370	61989508	1544279	23.934	0.596	41.24097	-77.1533
17745	19063	8305	5.59E+08	6748847	215.899	2.606	41.2778	-77.4649
17747	3073	1382	2.5E+08	894109	96.487	0.345	41.03258	-77.3318
17748	300	143	1366099	0	0.527	0	41.1504	-77.3529
17749	244	106	277672	0	0.107	0	41.07224	-76.8189
17750	167	68	3935431	16556	1.519	0.006	41.05787	-77.4823
17751	7084	3185	3.27E+08	4596852	126.224	1.775	41.15357	-77.5448
17752	4635	1934	91712871	1699470	35.411	0.656	41.18014	-76.9303
17754	12233	5318	1.56E+08	3635251	60.132	1.404	41.31161	-76.8892
17756	12408	4755	2.91E+08	4115416	112.432	1.589	41.208	-76.7398
17758	919	789	2.12E+08	1764174	81.874	0.681	41.3602	-76.5356
17760	557	564	2.15E+08	1709968	82.936	0.66	41.41326	-77.6585
17762	503	218	1503792	42602	0.581	0.016	41.28423	-76.7002
17763	309	152	64298378	1401528	24.826	0.541	41.50738	-76.9762
17764	2327	1884	4.15E+08	4934387	160.045	1.905	41.33475	-77.8136
17765	1162	657	2.14E+08	1108131	82.636	0.428	41.56574	-76.9735
17767	91	41	66744	0	0.026	0	41.08387	-77.4632

17768	377	577	76095175	235868	29.381	0.091	41.55884	-76.756
17771	3158	1735	5.59E+08	4668149	215.794	1.802	41.43731	-77.0357
17772	2399	941	58295718	133798	22.508	0.052	41.12506	-76.713
17774	1277	690	1.23E+08	364383	47.672	0.141	41.28119	-76.533
17776	295	524	2.27E+08	2146001	87.516	0.829	41.41506	-77.2941
17777	7056	3064	97612638	3316896	37.688	1.281	41.10652	-76.8217
17778	102	351	2.26E+08	2159305	87.303	0.834	41.28782	-77.9802
17779	235	127	3766228	10180	1.454	0.004	41.20732	-77.3769
17801	16671	7763	1.71E+08	14151532	66.12	5.464	40.83472	-76.755
17810	4683	832	1.47E+08	817829	56.748	0.316	41.11136	-77.0314
17812	1480	664	57979282	841277	22.386	0.325	40.74053	-77.2279
17813	1979	890	88791490	1400234	34.283	0.541	40.7804	-77.1721
17814	4860	2752	3.57E+08	2158971	137.961	0.834	41.27324	-76.3631
17815	30967	12002	3.52E+08	8191173	135.869	3.163	41.02004	-76.4201
17820	5556	2732	2.34E+08	3887573	90.424	1.501	40.89564	-76.4037
17821	18219	8053	3.46E+08	7545301	133.547	2.913	40.98918	-76.6439
17822	0	0	191017	0	0.074	0	40.96802	-76.6051
17823	1273	532	88929476	277761	34.336	0.107	40.7455	-76.7762
17824	4115	1944	68396595	340010	26.408	0.131	40.85231	-76.5054
17827	657	310	4969541	2268	1.919	0.001	40.75286	-76.968
17829	244	89	2110442	0	0.815	0	40.90055	-77.1558
17830	1947	950	79158822	6810293	30.563	2.629	40.68606	-76.8052
17832	628	365	1011505	0	0.391	0	40.80595	-76.459
17834	3565	1814	13294452	93042	5.133	0.036	40.78021	-76.4669
17835	219	97	1315283	1992	0.508	0.001	40.87899	-77.2043
17836	266	118	10605537	18082	4.095	0.007	40.71434	-76.6065
17837	19815	7047	1.61E+08	783131	62.31	0.302	40.97498	-76.9452
17840	533	234	6451810	0	2.491	0	40.77209	-76.4331
17841	4779	2023	2.05E+08	445446	79.187	0.172	40.72487	-77.3526
17842	8910	3687	2.15E+08	1512680	82.874	0.584	40.80295	-77.0402
17844	10042	4431	2.9E+08	1025918	112.061	0.396	40.97398	-77.0854
17845	2245	1361	1.7E+08	1258954	65.487	0.486	40.88437	-77.2116
17846	3738	1650	1.2E+08	483244	46.444	0.187	41.14175	-76.5171
17847	12051	5597	1.22E+08	4429761	46.931	1.71	41.00798	-76.811
17850	645	289	843921	0	0.326	0	40.9656	-76.8574
17851	7841	4549	39235762	374547	15.149	0.145	40.80312	-76.4343
17853	3221	1227	1.1E+08	304061	42.293	0.117	40.69473	-77.0067
17855	992	427	5056387	42148	1.952	0.016	40.89039	-76.9667
17856	3365	1482	91943618	352861	35.5	0.136	41.06535	-76.9474
17857	7505	3536	69369169	5977345	26.784	2.308	40.93214	-76.773
17859	3106	1449	99862393	903524	38.557	0.349	41.11696	-76.3981
17860	1994	869	68368801	274085	26.397	0.106	40.86696	-76.611
17861	143	59	373434	595	0.144	0	40.77322	-77.0823
17862	577	187	1065111	4263	0.411	0.002	40.86051	-77.0564
17864	2445	826	51852569	110661	20.02	0.043	40.70473	-76.9058
17865	92	43	402744	0	0.156	0	40.99018	-76.7868
17866	10310	4181	64989398	245622	25.093	0.095	40.80651	-76.5325

17867	169	77	9197320	0	3.551	0	40.71412	-76.6886
17868	1052	464	1738796	361418	0.671	0.14	40.95772	-76.634
17870	14564	5623	1.17E+08	2116704	45.089	0.817	40.81732	-76.8886
17872	9943	5681	1.05E+08	968359	40.565	0.374	40.7534	-76.6977
17876	1698	837	4799224	99239	1.853	0.038	40.85974	-76.8267
17878	1528	634	54597894	574139	21.08	0.222	41.17602	-76.3235
17880	72	27	321697	0	0.124	0	40.89221	-77.1218
17881	1556	767	12312416	10731	4.754	0.004	40.78291	-76.67
17884	305	152	1278765	11602	0.494	0.004	41.05598	-76.6695
17885	141	269	28040583	402372	10.827	0.155	40.86635	-77.314
17886	895	484	2522769	0	0.974	0	41.01671	-76.8752
17887	1778	209	2920322	50989	1.128	0.02	41.12922	-76.936
17888	326	163	7373768	36140	2.847	0.014	40.80678	-76.3785
17889	2735	1126	58837246	609121	22.717	0.235	40.87744	-76.9216
17901	23990	11387	2.02E+08	904250	78.025	0.349	40.68383	-76.2775
17920	331	169	11510672	76981	4.444	0.03	40.81967	-76.3269
17921	7676	3227	97757756	83753	37.744	0.032	40.75158	-76.3606
17922	4783	2172	78720194	1626141	30.394	0.628	40.58249	-76.1106
17923	433	226	22461758	47142	8.673	0.018	40.63259	-76.3199
17925	376	183	2531380	803	0.977	0	40.75338	-76.0678
17929	1606	686	2608385	0	1.007	0	40.6307	-76.194
17930	476	214	7911630	0	3.055	0	40.70866	-76.1153
17931	8472	2676	27075278	478269	10.454	0.185	40.78649	-76.2146
17933	89	38	232629	0	0.09	0	40.60449	-76.2432
17934	469	268	2451023	52976	0.946	0.02	40.79644	-76.2113
17935	1737	958	11295485	59140	4.361	0.023	40.79614	-76.2797
17936	763	362	1535778	0	0.593	0	40.75012	-76.3399
17938	2442	1087	1.03E+08	11681	39.612	0.005	40.65158	-76.5163
17941	834	386	63913563	1428	24.677	0.001	40.68572	-76.6092
17943	229	105	1502351	0	0.58	0	40.75666	-76.3878
17944	205	103	354772	0	0.137	0	40.67254	-76.2793
17945	180	99	2685878	16913	1.037	0.007	40.78544	-76.377
17946	263	160	4950553	35605	1.911	0.014	40.81036	-76.2564
17948	5029	2880	66322801	505462	25.607	0.195	40.84539	-76.1175
17949	263	150	260751	0	0.101	0	40.79393	-76.2423
17951	325	141	478498	0	0.185	0	40.67856	-76.2452
17952	282	149	9010610	0	3.479	0	40.75544	-76.0586
17953	469	264	35405549	478320	13.67	0.185	40.7519	-76.1202
17954	4564	2390	1802835	0	0.696	0	40.69042	-76.2597
17957	328	145	407086	0	0.157	0	40.59182	-76.5182
17959	1422	737	23370187	4637	9.023	0.002	40.73207	-76.15
17960	3868	1768	1.34E+08	46970	51.634	0.018	40.69724	-75.947
17961	6958	3012	68942694	131487	26.619	0.051	40.6497	-76.0609
17963	9317	4064	2.35E+08	547741	90.752	0.211	40.56158	-76.382
17964	798	326	59322567	11518	22.905	0.004	40.71437	-76.503
17965	2067	975	1849199	0	0.714	0	40.69862	-76.1653
17967	2457	1171	75397526	448899	29.111	0.173	40.85626	-76.2163

17968	329	136	10125928	0	3.91	0	40.63868	-76.6123
17970	3241	1716	3550463	0	1.371	0	40.72021	-76.1919
17972	11627	5050	1.06E+08	71218	40.952	0.027	40.59206	-76.2056
17974	344	154	176177	0	0.068	0	40.6957	-76.2363
17976	6937	4022	19867252	335359	7.671	0.129	40.81987	-76.2106
17978	224	110	7189159	0	2.776	0	40.62545	-76.615
17979	168	90	2735393	0	1.056	0	40.56157	-76.1997
17980	3238	1542	1.03E+08	2429407	39.809	0.938	40.51865	-76.6447
17981	2751	1153	70921777	94288	27.383	0.036	40.6343	-76.3901
17982	430	217	12637039	0	4.879	0	40.78593	-76.0213
17983	1620	763	6498258	0	2.509	0	40.64262	-76.5472
17985	1226	638	67970633	345329	26.244	0.133	40.9123	-76.2166
18011	5450	2164	42688619	187089	16.482	0.072	40.47797	-75.6463
18013	17802	7381	1.56E+08	4402023	60.117	1.7	40.84876	-75.1773
18014	11387	4833	86423058	944548	33.368	0.365	40.76443	-75.4092
18015	32832	11814	55003170	849334	21.237	0.328	40.58587	-75.3672
18016	0	0	153758	0	0.059	0	40.63213	-75.3928
18017	37549	15682	41992344	320424	16.213	0.124	40.65998	-75.3874
18018	32413	14698	13344934	365716	5.153	0.141	40.62759	-75.3956
18020	20447	7772	35827006	567567	13.833	0.219	40.67095	-75.3212
18030	623	295	1162121	74118	0.449	0.029	40.80214	-75.6641
18031	7528	3217	35657452	87417	13.767	0.034	40.55208	-75.6487
18032	9285	4034	5200219	154390	2.008	0.06	40.65643	-75.4679
18034	8256	2791	29355784	196174	11.334	0.076	40.54635	-75.4153
18035	241	95	909615	2363	0.351	0.001	40.74543	-75.5391
18036	12822	4970	75885082	212160	29.299	0.082	40.50915	-75.3859
18037	7070	3006	18892795	419127	7.295	0.162	40.68182	-75.5461
18038	3091	1208	33641110	748996	12.989	0.289	40.79488	-75.4861
18040	15742	6017	43874273	738406	16.94	0.285	40.74601	-75.2257
18041	5424	2105	35968461	8773	13.888	0.003	40.42046	-75.5099
18042	41570	16642	54817856	2835263	21.165	1.095	40.65418	-75.2231
18045	26391	10502	47869633	313272	18.483	0.121	40.69345	-75.2728
18046	64	24	47260	0	0.018	0	40.54801	-75.5603
18049	17341	7662	38841955	147570	14.997	0.057	40.51573	-75.4893
18051	3327	1275	21657180	44223	8.362	0.017	40.59564	-75.6671
18052	26902	11699	32809262	832179	12.668	0.321	40.65743	-75.5043
18053	2375	907	42497913	124570	16.409	0.048	40.71923	-75.7041
18054	4278	1824	42469973	663200	16.398	0.256	40.35237	-75.4387
18055	11780	5324	55492712	580431	21.426	0.224	40.5915	-75.3044
18056	943	435	4345873	14554	1.678	0.006	40.45094	-75.5504
18058	9464	4146	1.34E+08	1418423	51.648	0.548	40.88965	-75.4934
18059	1228	469	4143034	351697	1.6	0.136	40.72351	-75.5431
18062	24351	9644	55168217	192849	21.301	0.074	40.50394	-75.5852
18063	548	262	2599264	365365	1.004	0.141	40.78259	-75.1673
18064	24073	9438	99491064	942521	38.414	0.364	40.75701	-75.316
18066	6005	2326	1.18E+08	640557	45.654	0.247	40.66446	-75.7401
18067	17852	7672	64560354	1414786	24.927	0.546	40.71504	-75.4747

18068	42	19	10470	0	0.004	0	40.48483	-75.52
18069	8017	2945	35787750	258895	13.818	0.1	40.62529	-75.6151
18070	739	306	6173962	1572	2.384	0.001	40.43487	-75.5356
18071	10578	4648	78965208	241002	30.489	0.093	40.83425	-75.5552
18072	6571	2682	39041918	485355	15.074	0.187	40.84414	-75.2591
18073	9350	3440	49541139	2429745	19.128	0.938	40.3865	-75.4744
18074	5775	2287	48916560	310077	18.887	0.12	40.31674	-75.5157
18076	2662	1229	3109083	0	1.2	0	40.3748	-75.4808
18077	2370	1075	37739579	254432	14.571	0.098	40.57007	-75.2371
18078	7074	2776	40815001	288764	15.759	0.111	40.6733	-75.6207
18079	436	184	610352	2465	0.236	0.001	40.74387	-75.6585
18080	11456	4881	79594197	848712	30.731	0.328	40.73586	-75.6353
18081	357	153	1364577	10216	0.527	0.004	40.56389	-75.2814
18083	530	221	1586877	50286	0.613	0.019	40.75495	-75.2671
18085	1119	421	1322057	39277	0.51	0.015	40.74123	-75.2549
18086	398	164	1230512	7134	0.475	0.003	40.73681	-75.5479
18087	738	345	2867323	41930	1.107	0.016	40.55354	-75.5941
18088	8375	3559	50240303	1215233	19.398	0.469	40.76569	-75.5575
18091	5926	2520	39868957	723218	15.393	0.279	40.83139	-75.3198
18092	3223	1279	38755178	91483	14.963	0.035	40.4697	-75.5131
18101	3897	1821	903911	4030	0.349	0.002	40.60266	-75.4692
18102	49779	18434	7762017	257200	2.997	0.099	40.60847	-75.4763
18103	45336	18827	45607987	312343	17.609	0.121	40.57031	-75.4889
18104	43236	17599	59828337	553498	23.1	0.214	40.61166	-75.5469
18105	12	0	19947	0	0.008	0	40.60142	-75.4939
18106	6889	2836	20997049	316024	8.107	0.122	40.56823	-75.5603
18109	16932	7269	21229065	640099	8.197	0.247	40.63694	-75.4399
18195	0	0	29340	0	0.011	0	40.58427	-75.6248
18201	27516	12432	55774251	408496	21.535	0.158	40.94713	-75.9571
18202	12083	5608	84642385	553490	32.681	0.214	40.95443	-76.046
18210	8258	5992	81054008	1104453	31.295	0.426	41.00443	-75.5765
18211	1304	574	55290765	513004	21.348	0.198	40.74408	-75.8304
18212	131	65	4422596	0	1.708	0	40.77525	-75.7096
18214	2078	958	61961896	1000156	23.924	0.386	40.80026	-76.084
18216	1067	542	13387793	0	5.169	0	40.9415	-75.8929
18218	2281	1154	5634253	0	2.175	0	40.81974	-75.9161
18219	1436	659	2138821	0	0.826	0	40.99079	-76.0575
18220	344	172	2381279	0	0.919	0	40.84053	-76.0604
18221	389	173	5119940	0	1.977	0	41.00178	-75.9173
18222	9020	3760	97252165	650526	37.549	0.251	41.03619	-76.0001
18223	115	74	3230031	0	1.247	0	40.98235	-75.9503
18224	6017	2916	41293154	274148	15.943	0.106	41.02628	-75.8733
18225	114	63	111343	0	0.043	0	40.98131	-75.9713
18229	8498	4636	1.61E+08	2238902	62.063	0.864	40.93115	-75.6737
18230	132	64	7053071	0	2.723	0	40.92108	-75.9345
18231	535	259	2570208	0	0.992	0	40.9043	-76.008
18232	3941	2161	3979138	1611	1.536	0.001	40.83297	-75.8848

18234	401	188	670491	0	0.259	0	40.99259	-75.9644
18235	19353	8489	2.05E+08	6788505	79.171	2.621	40.8298	-75.6979
18237	3110	1577	16805400	280377	6.489	0.108	40.88488	-75.9785
18239	232	117	697589	0	0.269	0	40.98934	-75.9883
18240	3891	2034	76333827	3329560	29.473	1.286	40.86468	-75.8723
18241	646	343	6067584	0	2.343	0	40.95152	-76.1308
18242	235	156	3263164	0	1.26	0	40.91139	-76.1243
18244	402	214	2467790	10067	0.953	0.004	40.82245	-75.6706
18245	348	158	9338162	0	3.605	0	40.85321	-76.0335
18246	143	71	5494920	0	2.122	0	40.95722	-76.1952
18248	631	295	37322753	44221	14.41	0.017	40.90215	-76.092
18249	4129	1724	82682997	66402	31.924	0.026	40.98779	-76.1161
18250	3034	1458	22510426	1071180	8.691	0.414	40.82496	-75.8462
18251	46	23	275049	0	0.106	0	41.00805	-76.0774
18252	11188	5322	1.53E+08	572779	59.127	0.221	40.76676	-75.9738
18254	871	420	4572626	0	1.766	0	40.91591	-75.9657
18255	4337	2000	1.89E+08	847804	73.093	0.327	40.93333	-75.8297
18256	359	170	2814971	0	1.087	0	40.94089	-76.1468
18301	28561	11168	1.02E+08	2328468	39.456	0.899	41.0427	-75.1756
18302	17362	8396	1.6E+08	3290288	61.892	1.27	41.11215	-75.1128
18321	1711	732	7098385	97636	2.741	0.038	41.02575	-75.2833
18322	2781	1105	17868187	128651	6.899	0.05	40.91854	-75.3934
18323	275	325	4817238	0	1.86	0	41.19658	-75.2735
18324	9714	5650	1.18E+08	3510118	45.66	1.355	41.15814	-75.0007
18325	2465	1559	1.11E+08	1792282	43.035	0.692	41.20489	-75.2251
18326	4152	2115	86255814	190540	33.304	0.074	41.16722	-75.253
18327	700	370	4860055	343248	1.876	0.133	40.96787	-75.1338
18328	7759	4842	2.16E+08	8994608	83.29	3.473	41.22664	-74.971
18330	8927	3438	42465648	122275	16.396	0.047	40.96878	-75.4492
18331	867	373	8874238	23388	3.426	0.009	40.90994	-75.4438
18332	3085	1349	36031553	222138	13.912	0.086	41.09494	-75.2613
18333	712	243	5563500	15587	2.148	0.006	40.90609	-75.4901
18334	4156	2134	56442790	626520	21.793	0.242	41.05495	-75.4318
18335	672	340	2325582	43984	0.898	0.017	41.0681	-75.1039
18336	4082	1819	36190886	720711	13.973	0.278	41.37472	-74.7428
18337	14572	6697	2.04E+08	4131711	78.934	1.595	41.32911	-74.8718
18340	174	104	8032703	704905	3.101	0.272	41.41784	-74.7653
18342	492	262	2845569	0	1.099	0	41.17061	-75.2734
18343	3982	1740	57518125	2498588	22.208	0.965	40.89853	-75.1101
18344	3589	1628	18180738	108194	7.02	0.042	41.123	-75.343
18346	2964	1397	28583716	1863402	11.036	0.719	41.1428	-75.4212
18347	3364	4272	70019147	3458598	27.035	1.335	41.13887	-75.5602
18349	132	83	3633677	304	1.403	0	41.10127	-75.3671
18350	1931	2862	57445793	1712707	22.18	0.661	41.12383	-75.4661
18351	518	241	953641	187186	0.368	0.072	40.92272	-75.0993
18352	1098	496	9732440	690054	3.758	0.266	41.00683	-75.3561
18353	12779	5000	1.22E+08	444589	47.161	0.172	40.89529	-75.3581

18354	951	388	8769224	34729	3.386	0.013	40.9226	-75.3221
18355	1492	800	18529489	136551	7.154	0.053	41.07697	-75.3588
18356	136	435	1684805	0	0.651	0	41.01108	-75.1181
18357	104	143	10319276	429544	3.984	0.166	41.23281	-75.2165
18360	28362	11667	2.06E+08	720545	79.364	0.278	40.96739	-75.288
18370	1096	527	13500747	94178	5.213	0.036	41.09241	-75.3395
18371	747	434	9143461	342705	3.53	0.132	41.15732	-75.0414
18372	3210	1877	22876750	27145	8.833	0.01	41.04402	-75.3364
18403	7087	2957	61618058	36148	23.791	0.014	41.5097	-75.535
18405	2561	1383	95549735	3914739	36.892	1.511	41.59955	-75.1042
18407	13862	6566	1.08E+08	2057073	41.881	0.794	41.59336	-75.5281
18411	21985	9081	1.41E+08	2353332	54.333	0.909	41.45449	-75.7445
18413	151	80	2317909	0	0.895	0	41.64812	-75.5893
18414	5452	2328	1.09E+08	468264	42.054	0.181	41.54107	-75.7411
18415	1245	909	85339112	1611255	32.95	0.622	41.74353	-75.1243
18417	1121	980	1.51E+08	3851894	58.483	1.487	41.80976	-75.2011
18419	4634	2070	1E+08	1242075	38.652	0.48	41.58593	-75.7924
18420	57	22	726672	0	0.281	0	41.60201	-75.7101
18421	4754	2287	91234923	1048505	35.226	0.405	41.66421	-75.4929
18424	5613	4182	2.14E+08	4749230	82.518	1.834	41.23048	-75.525
18425	1354	704	58178535	1435377	22.463	0.554	41.43756	-75.0423
18426	4526	4665	1.53E+08	7795396	59.133	3.01	41.32551	-75.2391
18427	118	55	1764317	18097	0.681	0.007	41.40498	-75.4069
18428	12012	9505	4.3E+08	13254412	166.024	5.118	41.4043	-75.1181
18430	33	14	4607510	18050	1.779	0.007	41.75646	-75.4725
18431	12666	6251	3.48E+08	8412857	134.26	3.248	41.61651	-75.2577
18433	6508	3041	71808138	1011620	27.725	0.391	41.57331	-75.5813
18434	4192	1954	17208312	125801	6.644	0.049	41.4536	-75.5421
18435	795	1175	25679808	1379426	9.915	0.533	41.45561	-74.9832
18436	13853	9944	2.35E+08	9256007	90.857	3.574	41.4428	-75.3935
18437	211	160	30646452	860878	11.833	0.332	41.87197	-75.3165
18438	1172	1345	19043636	1080886	7.353	0.417	41.43916	-75.2565
18439	500	418	79046546	3203499	30.52	1.237	41.8255	-75.349
18441	289	134	7564000	75734	2.92	0.029	41.65606	-75.614
18443	458	309	35550828	495719	13.726	0.191	41.66293	-75.1021
18444	13778	5683	3.03E+08	4313903	117.129	1.666	41.32907	-75.5528
18445	2329	1301	94377434	1503313	36.439	0.58	41.29792	-75.3594
18446	3733	1797	1.31E+08	1732581	50.768	0.669	41.65616	-75.7591
18447	10548	4829	53123945	50326	20.511	0.019	41.51345	-75.6072
18451	448	580	12721679	9918864	4.912	3.83	41.397	-75.218
18452	4802	2312	5094438	0	1.967	0	41.48363	-75.5903
18453	1104	721	1.31E+08	3356439	50.551	1.296	41.7585	-75.3708
18454	64	185	7008449	991222	2.706	0.383	41.82729	-75.4261
18455	105	53	11554153	593079	4.461	0.229	41.893	-75.3592
18456	423	201	12290440	949918	4.745	0.367	41.6128	-75.3404
18457	82	54	1245085	41379	0.481	0.016	41.47209	-75.0492
18458	3017	2597	1.41E+08	5303158	54.456	2.048	41.39597	-74.9196

18459	51	57	172879	108586	0.067	0.042	41.5041	-75.4288
18460	184	107	8571564	148726	3.309	0.057	41.24993	-75.3131
18461	404	331	55496872	1666899	21.427	0.644	41.929	-75.3277
18462	427	393	69474038	1303398	26.824	0.503	41.91434	-75.4091
18463	199	87	7391394	85375	2.854	0.033	41.35756	-75.3969
18464	1193	1257	31168297	647097	12.034	0.25	41.40301	-75.177
18465	1340	1156	1.22E+08	3070396	47.053	1.185	41.83131	-75.5168
18466	16681	7697	93141335	1473613	35.962	0.569	41.19644	-75.3942
18469	357	203	23998260	513123	9.266	0.198	41.70368	-75.1305
18470	2226	1620	1.59E+08	2042158	61.517	0.788	41.72468	-75.5355
18471	685	285	7156861	6853	2.763	0.003	41.52909	-75.6912
18472	7521	2150	1.66E+08	5670173	64.07	2.189	41.58341	-75.3967
18473	495	254	3226016	90515	1.246	0.035	41.52214	-75.2172
18503	1182	589	1199397	0	0.463	0	41.41111	-75.6675
18504	21265	10093	22328294	0	8.621	0	41.42552	-75.6999
18505	20586	9559	22039188	580748	8.509	0.224	41.3862	-75.6515
18507	4891	2175	25200110	110961	9.73	0.043	41.35904	-75.6818
18508	12292	5530	17620285	0	6.803	0	41.45495	-75.6579
18509	13589	5573	7434725	0	2.871	0	41.43084	-75.6429
18510	14119	5500	5551978	72874	2.144	0.028	41.40738	-75.6366
18512	12218	5990	28989888	265877	11.193	0.103	41.42632	-75.6019
18517	5274	2276	10862246	0	4.194	0	41.39464	-75.7136
18518	8313	4040	10464474	0	4.04	0	41.37505	-75.7396
18519	5104	2472	6236104	0	2.408	0	41.46194	-75.6307
18602	257	155	5018058	255162	1.937	0.099	41.18323	-75.7508
18603	19320	9021	1.34E+08	4134724	51.559	1.596	41.0821	-76.2581
18610	5008	2559	78138149	753347	30.169	0.291	41.06934	-75.5491
18612	18051	6590	1.4E+08	3163662	53.898	1.221	41.34609	-75.9864
18614	2426	2105	3.57E+08	1844593	137.853	0.712	41.52495	-76.497
18615	1867	900	47456438	1344286	18.323	0.519	41.4617	-75.8572
18616	738	711	1.43E+08	541812	55.298	0.209	41.50489	-76.6357
18617	1924	1061	15681772	422288	6.055	0.163	41.16968	-76.0807
18618	3793	2249	45805016	2600870	17.685	1.004	41.36509	-76.0414
18619	273	382	89448639	48837	34.536	0.019	41.4617	-76.7178
18621	6248	2358	1.15E+08	3938957	44.447	1.521	41.2486	-76.0985
18622	257	110	9511391	31583	3.672	0.012	41.20123	-76.2735
18623	2733	1363	1.46E+08	3288352	56.403	1.27	41.6648	-76.152
18624	718	1594	41588819	1275175	16.058	0.492	41.06064	-75.6472
18625	491	437	1975030	748660	0.763	0.289	41.51339	-75.8488
18626	516	504	66247756	618234	25.578	0.239	41.39827	-76.5239
18628	192	292	52927714	1110483	20.436	0.429	41.43014	-76.3138
18629	1801	923	2.42E+08	3431714	93.358	1.325	41.5176	-76.1413
18630	3556	1696	1.71E+08	1957896	65.87	0.756	41.66214	-76.0236
18631	1286	580	4445859	422625	1.717	0.163	41.02991	-76.3044
18632	409	235	13478975	31808	5.204	0.012	41.45936	-76.3775
18634	13569	6831	38407890	848003	14.829	0.327	41.18551	-76.0226
18635	3881	1696	98942406	1272158	38.202	0.491	41.02924	-76.2013

18636	1438	660	1.15E+08	142097	44.49	0.055	41.39141	-76.1137
18640	17155	8135	73464127	1203313	28.365	0.465	41.29823	-75.7387
18641	6812	3183	11311524	50783	4.367	0.02	41.34252	-75.723
18642	4345	2062	14043916	495770	5.422	0.191	41.35635	-75.7732
18643	12908	6013	49247546	2290370	19.015	0.884	41.37082	-75.8404
18644	7546	3543	42491904	1027917	16.406	0.397	41.32791	-75.8824
18651	8880	4519	31252323	1287303	12.067	0.497	41.25404	-75.9598
18653	132	48	640121	181901	0.247	0.07	41.39376	-75.8243
18655	6278	3050	1.87E+08	2976671	72.235	1.149	41.18772	-76.2032
18656	2195	1029	1.35E+08	1393786	52.1	0.538	41.33304	-76.1848
18657	11985	5484	3.2E+08	9538755	123.388	3.683	41.52251	-75.9595
18660	3702	1654	1.1E+08	3938557	42.492	1.521	41.09773	-76.062
18661	5730	3589	3.5E+08	2371700	135.014	0.916	41.07643	-75.7409
18701	3447	1277	1384069	0	0.534	0	41.24365	-75.885
18702	40295	19284	1.8E+08	4271212	69.311	1.649	41.23048	-75.7574
18704	31206	15230	25918724	1163002	10.007	0.449	41.26255	-75.9146
18705	14806	7210	14136973	163992	5.458	0.063	41.27183	-75.8427
18706	16105	7811	68627226	828451	26.497	0.32	41.20337	-75.9146
18707	15557	6229	1.29E+08	1296415	49.726	0.501	41.13575	-75.9335
18708	8817	3705	42795843	246346	16.524	0.095	41.29585	-75.9635
18709	2903	1543	2044118	0	0.789	0	41.28547	-75.8964
18801	8266	4166	4.21E+08	2832079	162.415	1.093	41.82639	-75.9397
18810	6162	2696	1.19E+08	3413938	45.968	1.318	41.9333	-76.5071
18812	1644	1077	81611587	1566218	31.51	0.605	41.9732	-75.9647
18814	156	70	1511365	37247	0.584	0.014	41.78406	-76.6073
18816	128	72	3014382	47808	1.164	0.018	41.75716	-75.9156
18817	306	126	4768290	13197	1.841	0.005	41.87272	-76.6316
18818	1394	731	1.18E+08	425894	45.749	0.164	41.91126	-76.044
18821	1153	559	8947397	505237	3.455	0.195	41.98991	-75.7228
18822	3642	1642	1.08E+08	557281	41.587	0.215	41.97017	-75.7941
18823	193	106	6905966	159	2.666	0	41.77831	-75.6901
18824	1401	715	77362836	939689	29.87	0.363	41.69737	-75.7872
18825	111	80	8575609	178139	3.311	0.069	41.80788	-75.6077
18826	1910	958	1.18E+08	1195865	45.645	0.462	41.74575	-75.7489
18828	352	179	25967879	7439	10.026	0.003	41.80672	-76.0962
18829	868	413	66842515	347735	25.808	0.134	41.8377	-76.1735
18830	735	427	62514600	686852	24.137	0.265	41.95909	-76.1144
18831	1039	507	75558360	718704	29.173	0.277	41.89422	-76.5981
18832	1874	947	1.54E+08	1043483	59.596	0.403	41.67856	-76.5686
18833	2056	1352	2.75E+08	1614724	106.352	0.623	41.59717	-76.4836
18834	3691	2042	1.72E+08	2079743	66.385	0.803	41.83097	-75.7209
18837	3267	1466	2.33E+08	1341369	90.134	0.518	41.91505	-76.3028
18840	10731	5037	1.17E+08	2047310	45.031	0.79	41.97155	-76.535
18842	278	132	10667928	15905	4.119	0.006	41.7497	-75.6234
18843	277	135	2270571	0	0.877	0	41.79446	-75.8996
18844	1870	826	88564108	837341	34.195	0.323	41.69097	-75.9052
18845	297	172	25048667	320764	9.671	0.124	41.78737	-76.1822

18846	847	503	69779390	1738306	26.942	0.671	41.62141	-76.23
18847	6024	3319	3.65E+08	5865953	141.053	2.265	41.92882	-75.579
18848	9193	4494	2.74E+08	6587601	105.973	2.543	41.75106	-76.4547
18850	2357	1041	1.56E+08	2053366	60.192	0.793	41.85426	-76.4624
18851	706	483	72576739	629036	28.022	0.243	41.9339	-76.1765
18853	4252	2205	2.65E+08	6206893	102.351	2.396	41.72141	-76.2769
18854	1510	671	68704014	1769231	26.527	0.683	41.79068	-76.3557
18901	27598	11351	52197146	2103439	20.153	0.812	40.30627	-75.1471
18902	20973	7377	72051064	164725	27.819	0.064	40.35213	-75.0957
18912	39	16	1028451	4152	0.397	0.002	40.32395	-75.0564
18913	185	111	3808373	20382	1.47	0.008	40.37939	-75.06
18914	21063	7620	45958106	194008	17.745	0.075	40.28882	-75.2098
18915	1063	391	2727022	0	1.053	0	40.2721	-75.2568
18917	2158	959	1509625	1078	0.583	0	40.37692	-75.2059
18920	361	181	7068268	276530	2.729	0.107	40.49772	-75.084
18923	998	354	4502416	4925	1.738	0.002	40.35934	-75.1739
18925	6195	2270	27816696	228204	10.74	0.088	40.28881	-75.058
18929	9306	3096	21042404	243881	8.125	0.094	40.25551	-75.0802
18930	2721	1145	57790609	2036237	22.313	0.786	40.52107	-75.2187
18932	388	158	3252770	3840	1.256	0.001	40.29362	-75.2547
18935	116	58	186331	919	0.072	0	40.43702	-75.4035
18936	4	2	1898739	0	0.733	0	40.22405	-75.231
18938	13989	6510	1.06E+08	2419521	40.923	0.934	40.35105	-74.998
18940	28825	11274	84642791	560342	32.681	0.216	40.26132	-74.9378
18942	3260	1410	58180099	697125	22.463	0.269	40.47116	-75.1605
18944	24479	9262	1.2E+08	2359606	46.196	0.911	40.38929	-75.2344
18947	6172	2323	61924904	349012	23.909	0.135	40.4229	-75.1178
18950	252	102	3009442	610340	1.162	0.236	40.44522	-75.0744
18951	34651	13675	1.73E+08	2682533	66.618	1.036	40.45236	-75.3489
18954	9745	3292	17470536	118370	6.745	0.046	40.22547	-74.993
18955	1662	639	6821574	17955	2.634	0.007	40.47664	-75.3137
18960	12473	5131	49882601	298486	19.26	0.115	40.36624	-75.3258
18962	515	202	616824	973	0.238	0	40.34668	-75.2711
18964	13812	5386	24215248	1175	9.35	0	40.30347	-75.3379
18966	37999	14644	42020031	811329	16.224	0.313	40.18847	-75.0099
18969	15273	5989	43876641	158356	16.941	0.061	40.3263	-75.3684
18970	696	286	1055021	0	0.407	0	40.41201	-75.3812
18972	3512	1691	60964965	2177131	23.539	0.841	40.52732	-75.1247
18974	40953	16602	49402752	265188	19.075	0.102	40.21706	-75.0728
18976	19795	7215	28055013	182299	10.832	0.07	40.24891	-75.1434
18977	4291	1750	13540795	1162319	5.228	0.449	40.28686	-74.8821
18980	510	197	6153923	28842	2.376	0.011	40.26997	-75.0172
19001	17020	6562	8967866	0	3.463	0	40.12591	-75.1254
19002	32412	12717	53797902	104826	20.771	0.04	40.18659	-75.2068
19003	12519	5722	5029553	0	1.942	0	40.00155	-75.2989
19004	9416	4046	7157127	18658	2.763	0.007	40.00975	-75.2315
19006	21423	8313	33252628	0	12.839	0	40.15044	-75.0339

19007	21125	8904	17658290	2513861	6.818	0.971	40.11318	-74.8577
19008	20535	7697	16979770	3127	6.556	0.001	39.97261	-75.3603
19009	864	267	3369251	0	1.301	0	40.13781	-75.0642
19010	21103	8404	21830408	0	8.429	0	40.02362	-75.3297
19012	6670	2385	4551521	0	1.757	0	40.05977	-75.1059
19013	35130	14253	14821318	21716	5.723	0.008	39.84816	-75.3781
19014	21206	7955	23301954	4468	8.997	0.002	39.86491	-75.433
19015	16632	7009	8491589	7369	3.279	0.003	39.86863	-75.3929
19017	348	105	2305368	5365	0.89	0.002	39.89223	-75.4601
19018	23360	10291	7005033	0	2.705	0	39.92308	-75.2986
19020	55493	23235	44639241	2815027	17.235	1.087	40.10059	-74.9389
19021	10074	3965	8841287	1816541	3.414	0.701	40.08965	-74.8922
19022	3669	1652	3408153	0	1.316	0	39.86144	-75.337
19023	22164	8317	5172710	0	1.997	0	39.91714	-75.2674
19025	5395	2022	7763440	0	2.997	0	40.14644	-75.162
19026	30738	13014	9378736	0	3.621	0	39.95032	-75.304
19027	19067	8422	10237780	4072	3.953	0.002	40.07312	-75.1244
19029	3971	1788	5987237	326029	2.312	0.126	39.86835	-75.2925
19030	12122	4810	11728264	216368	4.528	0.084	40.18047	-74.8373
19031	4700	1993	7440789	0	2.873	0	40.10916	-75.217
19032	6606	2600	2631295	81372	1.016	0.031	39.8913	-75.2788
19033	7777	3108	2856123	0	1.103	0	39.89088	-75.3284
19034	5999	2255	16174631	0	6.245	0	40.13427	-75.2048
19035	3780	1599	12328946	289524	4.76	0.112	40.05135	-75.2776
19036	12942	5580	3959660	0	1.529	0	39.90358	-75.2934
19038	31595	11875	20405047	4216	7.878	0.002	40.10042	-75.1718
19040	20536	8551	15342762	0	5.924	0	40.17688	-75.1056
19041	6248	2642	8552583	19720	3.302	0.008	40.00741	-75.3158
19043	2664	1086	1025248	0	0.396	0	39.90028	-75.3089
19044	15853	6919	21009428	0	8.112	0	40.18607	-75.1529
19046	17809	8152	17154190	0	6.623	0	40.1014	-75.1055
19047	35056	13507	45298748	1165253	17.49	0.45	40.17997	-74.9121
19050	28073	12192	9542323	0	3.684	0	39.93754	-75.2637
19053	25966	10086	27156876	199892	10.485	0.077	40.15368	-74.975
19054	17437	6564	10717438	339354	4.138	0.131	40.17302	-74.8188
19055	13924	5016	7374405	51424	2.847	0.02	40.15031	-74.8392
19056	15486	5661	9525374	49734	3.678	0.019	40.14934	-74.8858
19057	17191	6523	11445666	72869	4.419	0.028	40.14082	-74.854
19060	11368	3923	20328240	0	7.849	0	39.85	-75.4937
19061	19997	8305	18171550	5888	7.016	0.002	39.82883	-75.4351
19063	35704	15241	59767519	712926	23.076	0.275	39.92046	-75.4162
19064	24459	8963	20617933	71135	7.961	0.027	39.93316	-75.3408
19066	5864	1846	3534651	0	1.365	0	40.00258	-75.2491
19067	51334	20684	73826009	6413719	28.504	2.476	40.20622	-74.8184
19070	7277	2907	2807422	0	1.084	0	39.90625	-75.3247
19072	9539	4261	8383326	76428	3.237	0.03	40.02389	-75.2577
19073	18332	8072	53612613	1014972	20.7	0.392	39.97941	-75.4354

19074	5890	2334	2012801	95830	0.777	0.037	39.88599	-75.2958
19075	7354	2833	5852593	27173	2.26	0.01	40.11388	-75.185
19076	6525	2731	1930469	30132	0.745	0.012	39.8861	-75.3074
19078	11067	4837	5238033	76206	2.022	0.029	39.87438	-75.3221
19079	9168	3714	4783082	392783	1.847	0.152	39.89895	-75.2666
19081	10337	3719	5786081	0	2.234	0	39.89805	-75.3472
19082	40997	16142	6707198	0	2.59	0	39.96041	-75.2704
19083	35878	13558	14391685	0	5.557	0	39.97703	-75.3121
19085	8932	2028	15653036	11386	6.044	0.004	40.03697	-75.3499
19086	11420	4476	9979474	0	3.853	0	39.89063	-75.37
19087	32225	12978	41348851	74098	15.965	0.029	40.06187	-75.4025
19090	18832	7756	13917221	12539	5.373	0.005	40.15745	-75.1248
19094	4406	1886	2077894	0	0.802	0	39.87488	-75.3466
19095	7063	3385	5533178	0	2.136	0	40.086	-75.1514
19096	13572	5671	9075011	0	3.504	0	39.99788	-75.2742
19102	4705	3513	489123	0	0.189	0	39.95278	-75.1656
19103	21908	16612	1655022	35179	0.639	0.014	39.9529	-75.1743
19104	51808	20039	7786929	332009	3.007	0.128	39.95872	-75.1991
19106	11740	7576	2093078	1042727	0.808	0.403	39.94863	-75.1428
19107	14875	8400	1422418	0	0.549	0	39.95174	-75.1587
19109	0	0	8800	0	0.003	0	39.94965	-75.1637
19111	63090	25613	12513063	729	4.831	0	40.06061	-75.0802
19112	13	1	4504459	3340294	1.739	1.29	39.88988	-75.1691
19113	120	50	8953142	57370	3.457	0.022	39.8707	-75.2471
19114	30907	14010	14502413	797890	5.599	0.308	40.06936	-75.0003
19115	33207	14507	14540073	151197	5.614	0.058	40.0907	-75.0429
19116	33112	13729	12962332	12330	5.005	0.005	40.11557	-75.0133
19118	9808	4708	8261391	109209	3.19	0.042	40.07244	-75.2124
19119	27035	12980	8382957	13085	3.237	0.005	40.05335	-75.1911
19120	68104	24009	8815347	73290	3.404	0.028	40.03415	-75.1192
19121	36572	16390	5726826	343627	2.211	0.133	39.98198	-75.1791
19122	21653	7427	3287314	0	1.269	0	39.97775	-75.1459
19123	13416	7012	3273535	305265	1.264	0.118	39.96444	-75.1455
19124	66691	24872	12625778	88860	4.875	0.034	40.01712	-75.0928
19125	22958	10557	3564096	494740	1.376	0.191	39.97625	-75.1251
19126	15758	6465	2959831	0	1.143	0	40.05539	-75.1376
19127	5913	3053	1423543	284410	0.55	0.11	40.02815	-75.2275
19128	35239	17333	18297700	266781	7.065	0.103	40.04848	-75.2279
19129	10975	5192	5694606	255920	2.199	0.099	40.01301	-75.1854
19130	24870	14360	3352518	222766	1.294	0.086	39.96794	-75.1761
19131	43172	21192	13667979	895007	5.277	0.346	39.99018	-75.2178
19132	36268	17675	5605765	0	2.164	0	39.99626	-75.1709
19133	26063	10227	3368694	6252	1.301	0.002	39.99309	-75.1417
19134	60675	23000	9086101	783394	3.508	0.302	39.9896	-75.1091
19135	33091	13264	6031000	857509	2.329	0.331	40.02211	-75.0485
19136	40647	14039	11926152	2406842	4.605	0.929	40.03941	-75.0186
19137	8638	3515	6235598	2214628	2.408	0.855	39.99317	-75.072

19138	32273	13267	4462480	0	1.723	0	40.056	-75.159
19139	41271	20327	4584293	4017	1.77	0.002	39.96135	-75.2293
19140	54133	22209	7905263	14606	3.052	0.006	40.01218	-75.1455
19141	31376	14086	4697165	0	1.814	0	40.03757	-75.1457
19142	29595	10958	4366610	27116	1.686	0.01	39.92175	-75.2333
19143	64849	29507	8256598	167363	3.188	0.065	39.94258	-75.2259
19144	43329	21796	8891943	35907	3.433	0.014	40.03386	-75.1741
19145	47261	20874	12604559	920045	4.867	0.355	39.90986	-75.1983
19146	35113	19058	4376019	219600	1.69	0.085	39.9395	-75.1841
19147	36228	19209	3645140	505788	1.407	0.195	39.93533	-75.1525
19148	49732	21567	10937281	1579970	4.223	0.61	39.91161	-75.1515
19149	55006	19984	6290280	0	2.429	0	40.03772	-75.0658
19150	23378	10504	3904759	0	1.508	0	40.0725	-75.1718
19151	29883	13090	6194458	45319	2.392	0.017	39.97957	-75.257
19152	33293	13730	7300416	38645	2.819	0.015	40.06095	-75.047
19153	12259	5524	18537214	3233849	7.157	1.249	39.89345	-75.2296
19154	34196	13246	16409305	163243	6.336	0.063	40.09649	-74.9832
19301	6402	2765	8705453	5551	3.361	0.002	40.04028	-75.4803
19310	3066	1016	33732040	235885	13.024	0.091	39.93506	-75.9728
19311	8584	2729	32619007	191350	12.594	0.074	39.8211	-75.7713
19312	11539	4507	24549272	222130	9.479	0.086	40.03129	-75.4549
19316	186	73	2306880	12894	0.891	0.005	40.05408	-75.8338
19317	9530	3873	54664198	491071	21.106	0.19	39.8608	-75.5994
19319	1130	58	1638822	625	0.633	0	39.92456	-75.5209
19320	52342	20279	2.19E+08	1958234	84.513	0.756	39.96251	-75.8324
19330	5421	1962	87275400	386384	33.697	0.149	39.8719	-75.9144
19333	6895	3236	8941452	39157	3.452	0.015	40.04187	-75.4236
19335	46984	17889	1.1E+08	2996160	42.532	1.157	40.02262	-75.7212
19341	16709	7109	33409495	256470	12.899	0.099	40.03994	-75.6406
19342	18099	7770	50510129	103418	19.502	0.04	39.90605	-75.4969
19343	8142	2871	70186123	812654	27.099	0.314	40.10082	-75.7548
19344	11919	4436	84521003	1372620	32.634	0.53	40.08363	-75.8818
19345	689	1	523562	0	0.202	0	40.02944	-75.5653
19348	22232	8388	95892423	692523	37.024	0.267	39.87028	-75.7129
19350	10921	3854	72164459	721344	27.863	0.279	39.76002	-75.7967
19352	10622	2796	49707754	348593	19.192	0.135	39.77592	-75.8897
19355	24760	9708	99340208	597842	38.355	0.231	40.04683	-75.5314
19358	526	205	812330	20964	0.314	0.008	39.96527	-75.8055
19362	5815	2120	78170590	789498	30.182	0.305	39.75074	-76.0704
19363	17055	5941	1.29E+08	1660235	49.762	0.641	39.79014	-75.9694
19365	7006	2725	46287924	170420	17.872	0.066	39.96637	-75.9251
19367	171	78	437705	0	0.169	0	39.96299	-75.884
19372	1360	610	1513179	3314	0.584	0.001	39.9984	-75.7585
19373	4273	864	10730219	38078	4.143	0.015	39.90182	-75.5325
19374	1252	353	4454859	46882	1.72	0.018	39.82475	-75.7597
19375	104	56	1068270	14958	0.412	0.006	39.90046	-75.7405
19380	49534	20728	81710611	925462	31.549	0.357	39.9895	-75.6044

19382	52388	20015	1.2E+08	1518663	46.282	0.586	39.92767	-75.6134
19383	3169	0	155201	0	0.06	0	39.95159	-75.6016
19390	13425	4933	67625256	365668	26.11	0.141	39.8361	-75.8424
19401	41753	17061	15621931	258449	6.032	0.1	40.13018	-75.3316
19403	44260	18538	61462348	865752	23.731	0.334	40.14972	-75.3784
19405	5127	2378	1873570	153252	0.723	0.059	40.10355	-75.341
19406	23441	10758	35808742	805911	13.826	0.311	40.09529	-75.3829
19422	18506	7924	32865251	11978	12.689	0.005	40.15681	-75.2794
19425	13922	4970	69784310	587643	26.944	0.227	40.10178	-75.6511
19426	38831	12067	87804306	655625	33.901	0.253	40.1913	-75.4371
19428	16580	8665	19684970	799683	7.6	0.309	40.08034	-75.3005
19435	100	42	2010172	0	0.776	0	40.32748	-75.5692
19436	640	377	908158	0	0.351	0	40.2015	-75.247
19437	757	290	2830590	0	1.093	0	40.18243	-75.2586
19438	23765	9165	57775571	186324	22.307	0.072	40.26893	-75.391
19440	18038	7267	29188841	22734	11.27	0.009	40.28659	-75.2909
19442	45	17	51079	0	0.02	0	40.12952	-75.5831
19444	10519	4396	12546429	0	4.844	0	40.08776	-75.2532
19446	55138	23035	58411963	14453	22.553	0.006	40.23282	-75.3032
19453	1483	751	1706091	122229	0.659	0.047	40.14057	-75.4979
19454	27870	11495	33802112	5916	13.051	0.002	40.22334	-75.243
19456	737	283	1061248	31165	0.41	0.012	40.1339	-75.4618
19457	125	45	509931	7478	0.197	0.003	40.20638	-75.5901
19460	40154	16748	91570030	3211790	35.355	1.24	40.12683	-75.5304
19462	14658	6015	21925949	16452	8.466	0.006	40.11529	-75.2819
19464	45788	19323	65736738	583727	25.381	0.225	40.25893	-75.6159
19465	17038	6934	92713114	1668966	35.797	0.644	40.19053	-75.6844
19468	25536	10468	42442583	714580	16.387	0.276	40.20764	-75.5321
19472	74	32	436572	0	0.169	0	40.33693	-75.5738
19473	15726	5872	63582665	548768	24.549	0.212	40.25657	-75.4815
19474	733	356	503583	0	0.194	0	40.22353	-75.404
19475	11283	4496	42857227	862588	16.547	0.333	40.1722	-75.6
19477	146	17	132204	0	0.051	0	40.18332	-75.2315
19492	717	369	3040747	0	1.174	0	40.28546	-75.4919
19501	1047	440	2612833	9292	1.009	0.004	40.24421	-76.0662
19503	1142	485	3873503	9266	1.496	0.004	40.40637	-75.5715
19504	4998	1912	58340709	123951	22.525	0.048	40.41622	-75.5886
19505	3226	1331	22939885	56734	8.857	0.022	40.37924	-75.6227
19506	7356	2893	1.76E+08	3213907	67.929	1.241	40.45295	-76.128
19507	3280	1285	97603533	280676	37.685	0.108	40.50485	-76.2712
19508	15725	6236	98496778	1913019	38.03	0.739	40.26316	-75.8339
19510	7639	2733	14478770	39879	5.59	0.015	40.44753	-75.8777
19511	215	92	812715	4079	0.314	0.002	40.48422	-75.7427
19512	16954	7260	1.12E+08	427680	43.335	0.165	40.34833	-75.6806
19518	14734	5500	93615164	1263482	36.145	0.488	40.27021	-75.7525
19519	101	43	300556	12507	0.116	0.005	40.32066	-75.7351
19520	5465	2299	96685029	1240089	37.33	0.479	40.16351	-75.7935

19522	14229	5686	1.16E+08	3310104	44.937	1.278	40.44737	-75.8205
19523	250	103	3673253	52143	1.418	0.02	40.20104	-75.8504
19525	14107	4943	43843656	6778	16.928	0.003	40.30565	-75.585
19526	11039	4835	1.5E+08	1285042	57.757	0.496	40.54724	-75.9965
19529	3131	1289	1.5E+08	550166	58.062	0.212	40.63131	-75.8646
19530	16432	5235	1.45E+08	346160	55.822	0.134	40.53907	-75.7814
19533	7686	2483	46398502	639888	17.915	0.247	40.4251	-75.9926
19534	2041	905	52075448	317171	20.106	0.122	40.57342	-75.8749
19535	23	10	118464	6724	0.046	0.003	40.33998	-75.804
19536	490	226	1000482	1293	0.386	0	40.48058	-75.7589
19538	64	30	1247522	1705	0.482	0.001	40.54753	-75.7026
19539	4597	1859	57289588	161306	22.12	0.062	40.49632	-75.6835
19540	11723	4605	88112721	347722	34.021	0.134	40.23627	-75.9667
19541	4403	1670	57956792	363925	22.377	0.141	40.48603	-76.0303
19542	67	30	120316	0	0.046	0	40.2612	-75.7672
19543	5905	2100	57384025	792238	22.156	0.306	40.17706	-75.901
19544	196	92	433423	1938	0.167	0.001	40.41688	-76.2966
19545	428	186	1155290	0	0.446	0	40.34151	-75.6241
19547	4222	1758	74017467	556759	28.578	0.215	40.38005	-75.7686
19549	326	135	3607603	27390	1.393	0.011	40.58452	-76.02
19550	641	178	4183756	11435	1.615	0.004	40.45494	-76.2494
19551	5034	1998	64413697	806623	24.87	0.311	40.361	-76.1374
19554	374	158	1172496	0	0.453	0	40.51293	-76.1037
19555	3406	1498	35319873	1691737	13.637	0.653	40.49438	-75.9539
19559	362	157	732795	1084	0.283	0	40.49522	-76.1824
19560	7805	3254	21048459	150454	8.127	0.058	40.40618	-75.8938
19562	2622	1208	2631129	3280	1.016	0.001	40.50538	-75.7027
19564	90	52	534289	0	0.206	0	40.51873	-75.8783
19565	8531	3497	49454218	1113960	19.094	0.43	40.34238	-76.0879
19567	5388	2230	58466363	155805	22.574	0.06	40.38839	-76.2098
19601	32998	13282	9611864	530441	3.711	0.205	40.35529	-75.94
19602	17900	8060	6400727	175574	2.471	0.068	40.32874	-75.915
19604	27658	9295	5686935	949	2.196	0	40.35683	-75.9102
19605	18985	7949	43379611	1183990	16.749	0.457	40.39791	-75.9432
19606	34416	14034	71222504	709252	27.499	0.274	40.33861	-75.8582
19607	22544	10383	28980307	157381	11.189	0.061	40.29148	-75.9448
19608	22719	8484	66514966	688358	25.682	0.266	40.3108	-76.0348
19609	9946	4293	6536441	1395	2.524	0.001	40.32831	-75.9973
19610	15258	6917	18179359	124935	7.019	0.048	40.3414	-75.9748
19611	10589	4130	5242122	89029	2.024	0.034	40.32471	-75.943
19701	39194	14873	68921004	2056206	26.611	0.794	39.58315	-75.7009
19702	51899	20138	73325367	637534	28.311	0.246	39.6182	-75.7297
19703	14471	6511	10163643	2863831	3.924	1.106	39.80151	-75.4539
19706	1822	759	9543807	1783166	3.685	0.688	39.57324	-75.5961
19707	16483	6066	34191434	46344	13.201	0.018	39.78569	-75.6836
19709	35107	12065	2.06E+08	15708028	79.628	6.065	39.49458	-75.675
19710	41	15	289077	0	0.112	0	39.79517	-75.5881

19711	51322	20429	70921117	6054	27.383	0.002	39.7136	-75.7411
19713	30408	12622	35454077	0	13.689	0	39.67078	-75.7123
19716	1568	2	136115	0	0.053	0	39.68956	-75.7584
19717	3770	3	481212	0	0.186	0	39.67846	-75.7523
19720	59250	22765	96096581	10076869	37.103	3.891	39.64692	-75.6049
19730	451	188	3542019	165138	1.368	0.064	39.46383	-75.6469
19731	252	114	2482501	241633	0.958	0.093	39.52359	-75.5876
19732	25	9	1637589	0	0.632	0	39.7839	-75.57
19733	110	50	106227	0	0.041	0	39.55583	-75.6511
19734	11651	4079	2.02E+08	10178841	78.184	3.93	39.38164	-75.6533
19735	12	8	501400	0	0.194	0	39.80317	-75.5997
19736	32	14	343561	14400	0.133	0.006	39.80494	-75.6748
19801	16286	7590	10721983	2700300	4.14	1.043	39.72778	-75.5407
19802	24621	11195	8216055	98015	3.172	0.038	39.75676	-75.5293
19803	21364	9046	32633427	25971	12.6	0.01	39.80067	-75.5424
19804	17944	7726	19366704	348567	7.478	0.135	39.71686	-75.6177
19805	40937	17071	13776226	4239	5.319	0.002	39.7438	-75.5938
19806	9560	6081	4992923	59893	1.928	0.023	39.76331	-75.5641
19807	7405	3615	50800985	887161	19.614	0.343	39.79865	-75.6144
19808	38442	16318	36215724	5739	13.983	0.002	39.73762	-75.6671
19809	14049	6656	18110812	4102419	6.993	1.584	39.75779	-75.501
19810	25011	10593	20450519	0	7.896	0	39.81878	-75.5064
19901	35055	14389	2.07E+08	25139622	79.77	9.706	39.18155	-75.4735
19902	283	0	942108	0	0.364	0	39.12526	-75.4818
19904	34132	13728	1.14E+08	766469	44.072	0.296	39.17129	-75.5875
19930	2768	8388	14612514	6280230	5.642	2.425	38.55136	-75.0611
19931	211	123	2360498	0	0.911	0	38.57397	-75.623
19933	8535	3441	1.64E+08	472577	63.3	0.182	38.72864	-75.6197
19934	12805	5087	1.13E+08	46817	43.822	0.018	39.08269	-75.6288
19936	302	124	572563	0	0.221	0	39.21914	-75.5841
19938	8357	3115	1.26E+08	21890	48.753	0.008	39.26065	-75.7051
19939	5979	3165	67446276	15064866	26.041	5.817	38.56577	-75.2128
19940	5574	2271	1.07E+08	17386	41.371	0.007	38.47756	-75.5649
19941	2522	1015	87053537	164964	33.612	0.064	38.79366	-75.4261
19943	11425	4761	1.71E+08	940735	65.927	0.363	39.00444	-75.607
19944	620	1703	3281449	2745571	1.267	1.06	38.47854	-75.0581
19945	6862	3936	1.62E+08	4640309	62.558	1.792	38.50506	-75.2289
19946	4420	1962	57339866	463835	22.139	0.179	39.0348	-75.4496
19947	18799	6408	3.1E+08	537541	119.679	0.208	38.66649	-75.3982
19950	6951	2810	1.93E+08	7806	74.697	0.003	38.81845	-75.5967
19951	1733	787	26187882	369029	10.111	0.142	38.69176	-75.2569
19952	10220	4201	2.28E+08	291307	88.037	0.112	38.92142	-75.6284
19953	4386	1694	75892243	21319	29.302	0.008	39.15249	-75.6941
19954	1464	619	22352178	110079	8.63	0.043	38.89701	-75.5205
19955	72	23	133154	0	0.051	0	39.22586	-75.6686
19956	15500	6419	2.62E+08	2616133	101.076	1.01	38.54772	-75.5381
19958	19650	15089	1.27E+08	25099942	49.062	9.691	38.72977	-75.1672

19960	6295	2588	76518554	723105	29.544	0.279	38.85091	-75.4087
19962	10206	3821	37591415	17805	14.514	0.007	39.06886	-75.4881
19963	19206	8507	2.76E+08	21143161	106.647	8.163	38.94325	-75.3626
19964	1340	514	24601677	124385	9.499	0.048	39.08933	-75.7205
19966	24601	16163	2.24E+08	21408227	86.577	8.266	38.57942	-75.2772
19967	354	268	3725917	0	1.439	0	38.53869	-75.1225
19968	9549	4989	1.62E+08	2185538	62.707	0.844	38.77392	-75.2869
19970	6170	6934	25093019	8706107	9.688	3.361	38.5593	-75.0971
19971	12385	15406	42848729	29103151	16.544	11.237	38.68601	-75.0867
19973	23838	9902	2.04E+08	4951601	78.661	1.912	38.6389	-75.6159
19975	8253	6664	70499498	4563721	27.22	1.762	38.46842	-75.1652
19977	22984	8011	2.15E+08	14467454	83.123	5.586	39.29895	-75.5461
19979	632	256	5235188	0	2.021	0	39.04882	-75.5726
20001	38551	18751	5644604	159593	2.179	0.062	38.91035	-77.0177
20002	52370	26166	13616347	579202	5.257	0.224	38.90503	-76.9836
20003	26454	13216	5806697	671619	2.242	0.259	38.8819	-76.9909
20004	1622	1543	901753	0	0.348	0	38.89489	-77.0286
20005	12775	9218	1103659	0	0.426	0	38.90467	-77.0316
20006	3227	940	878122	0	0.339	0	38.89861	-77.0415
20007	26866	13849	7787301	1273527	3.007	0.492	38.91434	-77.0793
20008	27525	17244	7865022	33133	3.037	0.013	38.93624	-77.06
20009	47992	29093	3405906	25630	1.315	0.01	38.91914	-77.0374
20010	30138	13861	2807752	16379	1.084	0.006	38.93337	-77.0303
20011	58536	25082	12631549	106587	4.877	0.041	38.95251	-77.023
20012	13414	6058	5857663	67595	2.262	0.026	38.97687	-77.0326
20015	15332	6756	8940121	12516	3.452	0.005	38.96689	-77.0583
20016	32519	14842	11499363	392741	4.44	0.152	38.93709	-77.0912
20017	17735	7729	5722793	746	2.21	0	38.93819	-76.9921
20018	16894	7652	7810833	31159	3.016	0.012	38.92658	-76.9744
20019	54358	25109	15980842	804510	6.17	0.311	38.89141	-76.9436
20020	49864	22753	11948308	381264	4.613	0.147	38.86041	-76.9789
20024	11510	7732	6770280	2003315	2.614	0.773	38.87601	-77.0253
20032	35653	15681	13604123	195990	5.253	0.076	38.83372	-77.0066
20036	5435	4269	862180	0	0.333	0	38.90702	-77.0416
20037	14642	8154	1668857	851783	0.644	0.329	38.89892	-77.0554
20045	0	0	27766	0	0.011	0	38.89673	-77.0308
20052	470	6	7062	0	0.003	0	38.90013	-77.047
20053	0	0	85108	0	0.033	0	38.88411	-77.0112
20057	3888	0	434173	0	0.168	0	38.90912	-77.0758
20064	1890	1	506097	0	0.195	0	38.93635	-76.9992
20105	11315	3855	96165403	967824	37.13	0.374	38.95313	-77.6027
20106	5142	2040	1.56E+08	764493	60.237	0.295	38.69341	-78.0025
20109	37265	13584	53069014	476060	20.49	0.184	38.79364	-77.531
20110	43876	14714	32703939	174896	12.627	0.068	38.74756	-77.4847
20111	30590	10074	42168131	1083552	16.281	0.418	38.74897	-77.4279
20112	25833	8448	1.01E+08	1379392	39.099	0.533	38.66192	-77.4328
20115	5838	2522	2.47E+08	1172025	95.196	0.453	38.80995	-77.9118

20117	2693	1469	1.16E+08	1293092	44.739	0.499	38.99882	-77.7339
20118	7	3	26677	0	0.01	0	38.96834	-77.737
20119	3946	1515	1.65E+08	1095985	63.862	0.423	38.61038	-77.622
20120	40695	14217	44481402	698603	17.174	0.27	38.8564	-77.4764
20121	27988	10357	22384742	1089125	8.643	0.421	38.81106	-77.4632
20124	14857	5052	55085565	1672858	21.269	0.646	38.78133	-77.3913
20129	618	216	8318702	30850	3.212	0.012	39.17202	-77.6013
20130	281	161	21492906	50243	8.298	0.019	39.03698	-77.9493
20132	15900	5466	2.15E+08	1928920	82.91	0.745	39.16624	-77.7194
20135	2834	1349	1.15E+08	1646425	44.565	0.636	39.09494	-77.8649
20136	28498	8483	37985987	648939	14.666	0.251	38.73833	-77.5546
20137	1510	580	44574607	205268	17.21	0.079	38.80673	-77.7225
20139	217	100	8476253	17201	3.273	0.007	38.65839	-77.6972
20141	6131	2116	70525657	752212	27.23	0.29	39.11239	-77.7907
20143	1216	408	19987138	194971	7.717	0.075	38.85956	-77.5641
20144	1012	496	1.04E+08	444194	40.207	0.172	38.92299	-77.9469
20147	54086	19719	51473450	821789	19.874	0.317	39.04195	-77.4781
20148	28310	9170	42153348	1613770	16.275	0.623	38.99523	-77.5223
20151	21374	6828	40238355	348979	15.536	0.135	38.89652	-77.4451
20152	24946	7876	64475266	789095	24.894	0.305	38.91915	-77.5024
20155	29411	10357	74850910	2410381	28.9	0.931	38.81011	-77.6178
20158	4288	1588	37695398	221935	14.554	0.086	39.13966	-77.658
20164	37747	12565	19193264	127008	7.411	0.049	39.0133	-77.3951
20165	32383	11774	25410814	609497	9.811	0.235	39.05794	-77.3927
20166	9521	3464	45191352	567670	17.448	0.219	38.98651	-77.4559
20169	19801	6746	83476681	552846	32.231	0.213	38.87917	-77.6454
20170	41236	13713	22695973	97047	8.763	0.037	38.98004	-77.3809
20171	45887	16823	31347306	192665	12.103	0.074	38.92404	-77.3965
20175	27169	10083	1.62E+08	1926184	62.452	0.744	39.06517	-77.6041
20176	46506	16166	1.48E+08	1118991	56.976	0.432	39.18471	-77.5441
20180	6549	2395	1.11E+08	617997	42.738	0.239	39.26857	-77.6379
20181	7877	2758	1.53E+08	2390896	59.177	0.923	38.68913	-77.5696
20184	839	471	1.03E+08	733696	39.619	0.283	39.00067	-77.8838
20186	14557	5977	1.67E+08	959862	64.444	0.371	38.69816	-77.8514
20187	15252	5343	1.26E+08	1478220	48.49	0.571	38.72287	-77.748
20190	17529	9231	11681387	259271	4.51	0.1	38.95932	-77.3393
20191	29128	12071	21299805	463333	8.224	0.179	38.93465	-77.3517
20194	13165	5900	8177771	142297	3.157	0.055	38.98106	-77.3408
20197	1840	661	34787023	327904	13.431	0.127	39.19545	-77.6278
20198	2492	1229	1.89E+08	797200	72.819	0.308	38.88411	-77.7448
20202	0	0	18721	0	0.007	0	38.88707	-77.021
20204	0	0	14638	0	0.006	0	38.88556	-77.0144
20228	0	0	81628	0	0.032	0	38.88641	-77.0302
20230	0	0	55495	0	0.021	0	38.89379	-77.0328
20240	0	0	31673	0	0.012	0	38.89446	-77.0426
20245	0	0	64474	0	0.025	0	38.89334	-77.0445
20260	0	0	44402	0	0.017	0	38.88367	-77.025

20307	353	0	342486	61	0.132	0	38.97477	-77.0314
20317	903	1014	1180231	5298	0.456	0.002	38.93485	-77.0143
20319	84	0	361932	279955	0.14	0.108	38.86484	-77.017
20373	131	0	936803	1808	0.362	0.001	38.85863	-77.0079
20390	584	0	10935	0	0.004	0	38.87902	-76.9937
20405	0	0	33011	0	0.013	0	38.89638	-77.0426
20418	0	0	29418	0	0.011	0	38.8928	-77.0478
20427	0	0	17366	0	0.007	0	38.90208	-77.0476
20506	0	0	49203	0	0.019	0	38.89703	-77.0387
20510	0	0	30810	0	0.012	0	38.89278	-77.0069
20520	0	0	83728	0	0.032	0	38.89476	-77.0484
20535	8	0	12919	0	0.005	0	38.89447	-77.0248
20540	0	0	86892	0	0.034	0	38.88793	-77.0047
20551	0	0	23513	0	0.009	0	38.8928	-77.0458
20553	0	0	25135	0	0.01	0	38.88695	-77.023
20560	0	0	51472	0	0.02	0	38.88823	-77.026
20565	0	0	173126	0	0.067	0	38.89063	-77.0192
20566	0	0	102187	0	0.039	0	38.89558	-77.0551
20593	0	0	78201	0	0.03	0	38.86676	-77.0102
20601	24156	8722	1.16E+08	387684	44.647	0.15	38.61337	-76.8516
20602	24955	9736	35830723	352762	13.834	0.136	38.58339	-76.8946
20603	28967	10317	44239637	219356	17.081	0.085	38.63039	-76.9766
20606	431	230	7501011	1248760	2.896	0.482	38.26305	-76.7373
20607	9802	3504	54357590	448221	20.988	0.173	38.67267	-77.0185
20608	919	426	45583064	5330329	17.6	2.058	38.58241	-76.701
20609	1120	554	25723294	6602735	9.932	2.549	38.27001	-76.7677
20611	1078	413	18243786	33481	7.044	0.013	38.45501	-76.9782
20612	261	142	604744	1337569	0.233	0.516	38.50506	-76.6772
20613	11860	4424	1.96E+08	3726835	75.607	1.439	38.67122	-76.8053
20615	405	204	1883242	220896	0.727	0.085	38.41623	-76.5483
20616	5857	2203	25397165	3717651	9.806	1.435	38.66366	-77.0975
20617	781	301	16949455	17679	6.544	0.007	38.54846	-76.8588
20618	607	280	14439547	2492573	5.575	0.962	38.28522	-76.787
20619	10503	4366	40517011	3714765	15.644	1.434	38.29236	-76.5279
20620	1443	557	10023159	240541	3.87	0.093	38.23392	-76.5289
20621	1373	777	35945451	4052045	13.879	1.565	38.32587	-76.8005
20622	4900	1485	96821277	1645404	37.383	0.635	38.41859	-76.8744
20623	2744	892	4987134	19273	1.926	0.007	38.74134	-76.8422
20624	1282	487	32369763	1238952	12.498	0.478	38.33803	-76.7334
20625	1062	609	1244964	289553	0.481	0.112	38.26222	-76.8473
20626	373	230	3135030	3998116	1.21	1.544	38.22965	-76.7695
20628	594	271	17224678	14584224	6.65	5.631	38.15344	-76.3384
20629	535	341	1116993	448503	0.431	0.173	38.33658	-76.4504
20630	348	174	14747899	6565539	5.694	2.535	38.16428	-76.4758
20632	347	131	19035978	424172	7.35	0.164	38.4328	-76.958
20634	5927	2375	17757492	901110	6.856	0.348	38.26941	-76.5069
20636	9937	3796	95184610	21321636	36.751	8.232	38.35214	-76.5672

20637	5423	1882	80158456	3428515	30.949	1.324	38.52511	-76.7559
20639	14227	4832	1.08E+08	4964875	41.863	1.917	38.60728	-76.6098
20640	10438	4089	1.08E+08	18435586	41.686	7.118	38.52544	-77.2137
20645	857	386	5686073	4075598	2.195	1.574	38.2945	-76.9148
20646	18890	7015	2.14E+08	1853415	82.464	0.716	38.52326	-77.003
20650	13717	5412	1.56E+08	32039358	60.199	12.37	38.26865	-76.6332
20653	24481	10066	84244771	9242954	32.527	3.569	38.23631	-76.4329
20657	20483	7765	77903257	22483528	30.079	8.681	38.37976	-76.4429
20658	854	377	7793913	14245	3.009	0.006	38.56058	-77.1604
20659	23498	8150	2.43E+08	29122140	93.821	11.244	38.41867	-76.7324
20660	97	32	2358430	0	0.911	0	38.37023	-76.7066
20662	2934	1229	1.48E+08	25017475	57.108	9.659	38.42847	-77.2053
20664	2987	1384	1.07E+08	14123605	41.125	5.453	38.35449	-76.9254
20667	494	222	5225924	951067	2.018	0.367	38.21907	-76.4404
20670	1014	225	24425828	14642218	9.431	5.653	38.28528	-76.4157
20674	830	511	5149701	10400008	1.988	4.015	38.1348	-76.5035
20675	1671	613	15647644	0	6.042	0	38.58093	-77.0225
20676	3871	1545	42872913	2991716	16.553	1.155	38.49322	-76.5413
20677	2322	878	39910132	5019649	15.409	1.938	38.49933	-77.035
20678	11045	4121	1.11E+08	21008404	42.749	8.111	38.52282	-76.6014
20680	1119	585	15940938	4787193	6.155	1.848	38.11202	-76.3779
20684	1125	503	23553634	3757413	9.094	1.451	38.14229	-76.41
20685	6471	2499	57649594	23161836	22.259	8.943	38.43486	-76.5267
20686	1332	38	2818991	130001	1.088	0.05	38.17821	-76.4295
20687	313	244	15402392	20928213	5.947	8.08	38.0643	-76.3408
20688	1828	1188	3708374	5807342	1.432	2.242	38.32714	-76.4642
20689	1694	579	20155032	61647	7.782	0.024	38.66295	-76.5794
20690	740	369	4685435	1530708	1.809	0.591	38.15745	-76.5335
20692	1051	434	22533055	1099702	8.7	0.425	38.18102	-76.5021
20693	1088	424	52285009	13685613	20.187	5.284	38.45707	-77.0896
20695	6794	2574	32761135	133483	12.649	0.052	38.59149	-76.9708
20701	2	1	3428521	6563	1.324	0.003	39.12556	-76.7854
20705	26188	9281	40930151	266150	15.803	0.103	39.04942	-76.9004
20706	38692	13065	26832451	131889	10.36	0.051	38.96588	-76.8511
20707	31538	13576	28896187	481328	11.157	0.186	39.09938	-76.8828
20708	25546	10733	36245211	784570	13.994	0.303	39.05737	-76.8258
20710	9313	3882	2847143	8094	1.099	0.003	38.94237	-76.9259
20711	6643	2710	88051334	1420884	33.997	0.549	38.80106	-76.6451
20712	9031	3927	1892811	12394	0.731	0.005	38.94236	-76.9646
20714	4345	2179	6037605	4535724	2.331	1.751	38.72369	-76.5527
20715	26382	9357	37644219	169230	14.535	0.065	38.98939	-76.7413
20716	20787	8469	29884962	178423	11.539	0.069	38.92643	-76.715
20720	21031	7229	28942710	207151	11.175	0.08	38.98278	-76.7858
20721	27016	9595	43235668	376606	16.693	0.145	38.91522	-76.7851
20722	5711	1945	3810192	79461	1.471	0.031	38.93456	-76.9506
20723	28972	10491	34017963	1095691	13.134	0.423	39.13757	-76.8679
20724	16093	6615	20761159	0	8.016	0	39.10108	-76.804

20732	9919	3957	26384774	6619580	10.187	2.556	38.65514	-76.5426
20733	2672	1108	8509429	1055182	3.286	0.407	38.80565	-76.5322
20735	35421	12617	67167555	284829	25.934	0.11	38.75023	-76.9052
20736	8904	3037	66156497	1655248	25.543	0.639	38.68908	-76.6278
20737	20684	6227	10724278	76543	4.141	0.03	38.96427	-76.9135
20740	28780	11011	20714189	159386	7.998	0.062	39.00287	-76.9317
20742	7808	1	1918801	0	0.741	0	38.98963	-76.9457
20743	38621	15511	25190668	21486	9.726	0.008	38.88423	-76.8933
20744	50722	19468	68211790	323424	26.337	0.125	38.75835	-76.9838
20745	28451	12165	16741975	262294	6.464	0.101	38.80681	-76.9959
20746	28838	12548	20404769	42326	7.878	0.016	38.8364	-76.9183
20747	40054	16486	19771363	5039	7.634	0.002	38.855	-76.8833
20748	38792	16684	23521810	12156	9.082	0.005	38.8149	-76.9334
20751	2343	1107	13138777	3106769	5.073	1.2	38.79444	-76.5612
20754	6951	2420	43684109	2131263	16.867	0.823	38.73071	-76.6466
20755	9302	2714	21701209	31874	8.379	0.012	39.10778	-76.7472
20758	721	283	10432083	0	4.028	0	38.73337	-76.5931
20759	3355	1155	16425882	711849	6.342	0.275	39.15399	-76.9312
20762	2973	1385	15270777	6924	5.896	0.003	38.8098	-76.8692
20763	2664	1059	3662440	4924	1.414	0.002	39.13521	-76.8205
20764	4176	1945	10576066	7504671	4.083	2.898	38.83436	-76.5061
20765	514	246	1207947	516047	0.466	0.199	38.84189	-76.5449
20769	6604	2150	19897450	268746	7.682	0.104	38.9967	-76.8187
20770	25173	11407	21280621	195187	8.216	0.075	39.00299	-76.8792
20772	42625	16207	1.85E+08	3571338	71.559	1.379	38.78028	-76.767
20774	43013	17131	89954196	494052	34.732	0.191	38.87454	-76.7742
20776	3289	1224	58404040	5967523	22.55	2.304	38.87241	-76.5724
20777	3314	1111	19568844	110664	7.556	0.043	39.17502	-76.969
20778	2009	813	20343335	1738005	7.855	0.671	38.82868	-76.5726
20779	1182	534	16812673	1629478	6.491	0.629	38.76478	-76.5726
20781	11440	4093	6312229	205096	2.437	0.079	38.95286	-76.9463
20782	30560	11552	10973600	99086	4.237	0.038	38.96581	-76.9663
20783	44487	13891	14579957	25155	5.629	0.01	38.99976	-76.9707
20784	29449	10155	11027347	1897	4.258	0.001	38.95055	-76.8917
20785	35052	14864	25546966	43907	9.864	0.017	38.91829	-76.8819
20794	14098	3202	26420064	32237	10.201	0.012	39.15114	-76.7946
20812	255	100	496734	371058	0.192	0.143	38.96704	-77.1439
20814	27642	14103	13166146	52953	5.083	0.02	39.00499	-77.1015
20815	29082	13850	14066048	35097	5.431	0.014	38.98339	-77.0793
20816	16208	6666	8975177	1552658	3.465	0.599	38.95695	-77.12
20817	36240	14020	35923615	186053	13.87	0.072	38.99723	-77.1519
20818	1962	789	2676591	1118503	1.033	0.432	38.97394	-77.1621
20832	24965	8863	26075340	58727	10.068	0.023	39.15063	-77.0707
20833	7735	2545	49836780	2565340	19.242	0.99	39.20718	-77.0547
20837	5789	2059	1.1E+08	8443765	42.384	3.26	39.11651	-77.4071
20838	259	109	6997600	21554	2.702	0.008	39.2181	-77.3908
20839	214	81	12690683	41061	4.9	0.016	39.18831	-77.435

20841	10460	2908	67289814	2375725	25.981	0.917	39.19185	-77.3275
20842	1824	781	1.36E+08	9035801	52.471	3.489	39.19988	-77.4153
20850	46340	19085	36523908	198966	14.102	0.077	39.09139	-77.1822
20851	14191	5042	6147440	2088	2.374	0.001	39.07908	-77.1219
20852	40365	20062	21555966	97342	8.323	0.038	39.05193	-77.122
20853	29673	10035	23335068	243486	9.01	0.094	39.10171	-77.0946
20854	49611	17262	87422942	7215824	33.754	2.786	39.033	-77.2223
20855	14295	5018	33961240	635428	13.113	0.245	39.13763	-77.132
20860	2396	849	9857358	26973	3.806	0.01	39.14237	-77.0254
20861	1875	668	9947174	18520	3.841	0.007	39.14975	-76.9996
20862	343	124	3029792	15389	1.17	0.006	39.18123	-77.0188
20866	13344	4652	18304211	618885	7.067	0.239	39.10933	-76.9339
20868	790	250	5193925	5002	2.005	0.002	39.1264	-76.9693
20871	13130	4295	53176080	138014	20.531	0.053	39.26134	-77.2825
20872	13104	4575	54025176	110921	20.859	0.043	39.29447	-77.2161
20874	57367	22256	54952005	3542188	21.217	1.368	39.13003	-77.2985
20876	25496	8738	30193838	148752	11.658	0.057	39.20838	-77.2372
20877	34321	12249	14964274	89555	5.778	0.035	39.1397	-77.1852
20878	62446	23155	56550922	1136465	21.834	0.439	39.11521	-77.2516
20879	24360	8371	19855864	103572	7.666	0.04	39.16804	-77.1754
20880	450	204	615162	0	0.238	0	39.13973	-77.1736
20882	14063	4654	99982538	427611	38.603	0.165	39.23912	-77.1511
20886	33282	12759	12189201	192733	4.706	0.074	39.18742	-77.2071
20895	19054	7475	10514230	78545	4.06	0.03	39.02703	-77.0775
20896	906	352	640940	3372	0.247	0.001	39.03538	-77.0925
20899	142	130	192140	0	0.074	0	39.14374	-77.2162
20901	34832	12912	13946891	69938	5.385	0.027	39.02027	-77.008
20902	48841	17073	19634280	75384	7.581	0.029	39.04525	-77.0393
20903	23625	7318	9335645	4751	3.605	0.002	39.02218	-76.9847
20904	54612	21452	35402513	97435	13.669	0.038	39.06661	-76.9809
20905	18044	5977	33328393	555453	12.868	0.214	39.10965	-76.9885
20906	64696	25715	31358675	198767	12.108	0.077	39.08732	-77.0572
20910	37445	19047	11796743	29906	4.555	0.012	39.00288	-77.0366
20912	24807	10257	6903313	13926	2.665	0.005	38.9816	-77.0011
21001	21487	8942	77441232	4109484	29.9	1.587	39.50305	-76.2021
21005	2112	760	20637751	2153023	7.968	0.831	39.48811	-76.1445
21009	29766	11620	29377217	2030042	11.343	0.784	39.46689	-76.2952
21010	104	107	13302293	576115	5.136	0.222	39.39093	-76.2926
21012	21317	8140	25280394	7074380	9.761	2.731	39.04684	-76.4961
21013	4653	1743	39130829	70909	15.108	0.027	39.5115	-76.4908
21014	36047	14355	36477493	188391	14.084	0.073	39.53608	-76.3522
21015	27763	10221	80085894	562623	30.921	0.217	39.54418	-76.2925
21017	7062	2880	7134553	6770	2.755	0.003	39.47478	-76.2344
21028	3460	1296	35213245	136396	13.596	0.053	39.56598	-76.2495
21029	11333	3515	41304709	536674	15.948	0.207	39.21362	-76.9594
21030	24355	10994	61585318	1246811	23.778	0.481	39.49078	-76.6707
21031	4	2	2515565	0	0.971	0	39.48721	-76.658

21032	8848	3488	45682249	4493846	17.638	1.735	39.02834	-76.6041
21034	3387	1402	65082100	7322047	25.128	2.827	39.64072	-76.223
21035	7815	2733	73449277	465812	28.359	0.18	38.9383	-76.6266
21036	2114	717	15774195	1774161	6.09	0.685	39.23312	-76.9992
21037	20618	8449	44708019	12083162	17.262	4.665	38.91914	-76.5435
21040	24420	9281	20633014	2989202	7.966	1.154	39.4365	-76.29
21042	38076	13587	97095136	440182	37.489	0.17	39.27718	-76.8946
21043	42246	16308	44017823	185361	16.995	0.072	39.26058	-76.8001
21044	41704	18371	31075560	262874	11.998	0.101	39.20587	-76.8791
21045	38288	15283	25138579	244075	9.706	0.094	39.20604	-76.8282
21046	15080	6262	20186665	147315	7.794	0.057	39.17312	-76.842
21047	11873	4293	60927725	170736	23.524	0.066	39.52139	-76.4388
21048	10650	3993	70073338	3602168	27.055	1.391	39.48817	-76.9151
21050	18202	6609	73589819	283819	28.413	0.11	39.58534	-76.3922
21051	279	105	1029627	1425	0.398	0.001	39.47269	-76.4558
21052	303	131	193870	175832	0.075	0.068	39.20589	-76.4471
21053	3305	1223	58128997	140156	22.444	0.054	39.69553	-76.7151
21054	10127	3850	46167989	25677	17.826	0.01	39.04103	-76.686
21056	267	230	3564220	10181970	1.376	3.931	39.07294	-76.4286
21057	4112	1695	43517294	1245037	16.802	0.481	39.44875	-76.5125
21060	29223	12076	32403463	2722648	12.511	1.051	39.16979	-76.5809
21061	53684	22143	31439237	45320	12.139	0.017	39.16194	-76.6294
21071	497	222	2568339	0	0.992	0	39.48166	-76.811
21074	15084	5777	97032422	792813	37.464	0.306	39.62161	-76.8398
21075	26344	10215	37583125	152946	14.511	0.059	39.20336	-76.7504
21076	12952	4956	32594710	8281	12.585	0.003	39.16851	-76.7164
21077	224	98	1704393	0	0.658	0	39.15613	-76.6977
21078	17603	7797	78161496	13860921	30.178	5.352	39.55924	-76.1412
21082	654	263	11526426	11313	4.45	0.004	39.47814	-76.4735
21084	7652	2806	63526032	272430	24.528	0.105	39.61356	-76.4664
21085	16171	6552	46410077	1159004	17.919	0.447	39.44589	-76.357
21087	5451	2076	36286190	264213	14.01	0.102	39.44931	-76.4132
21090	9784	3962	17065249	200451	6.589	0.077	39.20848	-76.6725
21093	36465	16205	52336899	2206651	20.207	0.852	39.43945	-76.6408
21102	11751	4245	1.05E+08	1625419	40.469	0.628	39.68283	-76.8505
21104	4601	1506	43981935	1909782	16.982	0.737	39.3469	-76.9128
21105	65	28	303220	0	0.117	0	39.71394	-76.6513
21108	17964	6517	33861012	186378	13.074	0.072	39.09127	-76.6211
21111	4903	1883	90824166	490672	35.067	0.189	39.57554	-76.5897
21113	30469	12705	37362578	0	14.426	0	39.05357	-76.7166
21114	25225	9857	14422422	0	5.569	0	39.00964	-76.6842
21117	53778	23010	84222858	447280	32.519	0.173	39.42756	-76.778
21120	6967	2540	1.1E+08	3354891	42.347	1.295	39.6462	-76.6749
21122	60576	22896	81061475	30087569	31.298	11.617	39.12175	-76.4953
21128	12802	5053	17286862	14546	6.674	0.006	39.40943	-76.4475
21130	187	90	1956896	0	0.756	0	39.47731	-76.1942
21131	7253	2656	57565142	3575927	22.226	1.381	39.50366	-76.5899

21132	2634	954	54914875	202181	21.203	0.078	39.69471	-76.4404
21133	29998	11630	26247594	40957	10.134	0.016	39.37351	-76.8153
21136	33781	13146	1.45E+08	4291579	55.989	1.657	39.48377	-76.7942
21140	3457	1364	3500425	995915	1.352	0.385	38.95056	-76.5839
21144	31884	11447	41454184	0	16.006	0	39.12091	-76.6773
21146	26705	9747	26495118	7098389	10.23	2.741	39.07914	-76.5587
21152	5544	2425	59270022	208546	22.884	0.081	39.54105	-76.6799
21153	323	131	5085252	16590	1.963	0.006	39.41839	-76.7009
21154	6464	2396	1.05E+08	472669	40.369	0.182	39.65745	-76.3605
21155	2371	1002	56668337	174624	21.88	0.067	39.57362	-76.8061
21156	358	142	3735257	1593	1.442	0.001	39.43721	-76.3965
21157	36920	14399	1.99E+08	465812	76.645	0.18	39.54857	-76.9836
21158	20234	7692	1.93E+08	589893	74.455	0.228	39.65374	-77.0351
21160	2408	924	42825657	2329353	16.535	0.899	39.70026	-76.3065
21161	5490	2074	1.25E+08	457585	48.408	0.177	39.6599	-76.5651
21162	3655	1392	19321366	2766755	7.46	1.068	39.3901	-76.4056
21163	7026	2542	32691039	481716	12.622	0.186	39.33753	-76.8483
21201	16972	11255	3340677	0	1.29	0	39.29479	-76.6222
21202	22832	10372	4111039	331316	1.587	0.128	39.29653	-76.607
21204	20253	8274	15615168	179910	6.029	0.069	39.40227	-76.6323
21205	16146	7059	5304530	0	2.048	0	39.3023	-76.5645
21206	50846	21762	18667230	3869	7.207	0.001	39.33843	-76.5389
21207	48133	20272	26710727	81229	10.313	0.031	39.32417	-76.7195
21208	33917	15621	31925959	65741	12.327	0.025	39.38536	-76.7311
21209	26465	12054	18354471	101926	7.087	0.039	39.37319	-76.67
21210	14292	5949	8579050	5635	3.312	0.002	39.35916	-76.6327
21211	17351	9287	7219042	25184	2.787	0.01	39.32982	-76.6394
21212	32322	14380	12042941	97316	4.65	0.038	39.36856	-76.6149
21213	32733	14968	8833257	1899	3.411	0.001	39.31494	-76.5778
21214	20564	8981	7394837	0	2.855	0	39.3518	-76.5644
21215	60161	26995	17645223	10946	6.813	0.004	39.34524	-76.6836
21216	32071	14934	8634688	145342	3.334	0.056	39.3106	-76.6717
21217	37111	21096	5999196	191954	2.316	0.074	39.30847	-76.6392
21218	49796	23730	10836080	316361	4.184	0.122	39.33011	-76.6015
21219	9379	3816	21258354	10767333	8.208	4.157	39.22746	-76.4433
21220	39199	16245	55824029	16798384	21.554	6.486	39.34732	-76.39
21221	42154	17966	38242330	16294079	14.765	6.291	39.28921	-76.4348
21222	55786	23231	28389988	5688538	10.961	2.196	39.26484	-76.4926
21223	26366	14343	6817146	48381	2.632	0.019	39.28278	-76.654
21224	49134	23112	24539976	8880483	9.475	3.429	39.27486	-76.5428
21225	33545	13715	16741531	641895	6.464	0.248	39.22612	-76.6157
21226	7561	3347	25718732	17453901	9.93	6.739	39.20889	-76.5629
21227	33534	13611	29853685	570967	11.527	0.22	39.23997	-76.6795
21228	47577	19985	40143654	107562	15.5	0.042	39.27286	-76.7477
21229	45213	19681	15227940	9418	5.88	0.004	39.28427	-76.6914
21230	33568	17478	16325575	5336342	6.303	2.06	39.26613	-76.6238
21231	15748	9108	2259604	384090	0.872	0.148	39.2872	-76.592

21234	69752	31527	33648163	11024	12.992	0.004	39.39342	-76.5342
21236	38474	16332	22187907	27168	8.567	0.01	39.38842	-76.4836
21237	30059	12461	29708940	665797	11.471	0.257	39.34187	-76.4954
21239	28793	12505	8375263	2110	3.234	0.001	39.3671	-76.5892
21240	0	0	12553482	1056	4.847	0	39.17387	-76.6715
21244	34611	14378	34747180	171979	13.416	0.066	39.33494	-76.7767
21250	3205	1	634718	0	0.245	0	39.25561	-76.7112
21251	934	0	461424	0	0.178	0	39.34471	-76.5812
21252	2872	0	372524	0	0.144	0	39.39379	-76.6078
21286	19206	8594	22060767	1043628	8.518	0.403	39.41184	-76.5732
21401	36012	17412	51116387	5914452	19.736	2.284	38.98775	-76.5528
21402	5217	344	5017093	2687880	1.937	1.038	38.98765	-76.4723
21403	30269	14329	23530922	12274727	9.085	4.739	38.94212	-76.4896
21405	544	340	2566889	1950935	0.991	0.753	39.02758	-76.5577
21409	20064	7718	36247301	11631106	13.995	4.491	39.01844	-76.4425
21502	44400	19499	2.32E+08	4155097	89.589	1.604	39.6437	-78.7551
21520	2074	1054	1.59E+08	0	61.206	0	39.62474	-79.3015
21521	1265	605	60100158	55227	23.205	0.021	39.55137	-79.0415
21522	141	53	6684501	0	2.581	0	39.61025	-79.2278
21523	286	124	1834884	63933	0.708	0.025	39.48168	-79.0795
21524	626	275	8959348	0	3.459	0	39.70763	-78.8014
21529	631	287	9382408	85941	3.623	0.033	39.70394	-78.7672
21530	1591	801	1.46E+08	440000	56.427	0.17	39.67964	-78.5461
21531	2227	1278	1.6E+08	2472012	61.789	0.954	39.64309	-79.428
21532	15620	6425	2.02E+08	491015	77.822	0.19	39.64781	-78.9838
21536	4121	1890	2.58E+08	251375	99.537	0.097	39.65696	-79.1656
21538	716	358	46293462	530742	17.874	0.205	39.40982	-79.2244
21539	2819	1240	89834282	70929	34.685	0.027	39.56128	-78.9697
21540	65	61	698918	111224	0.27	0.043	39.47816	-79.0625
21541	1546	2293	68154240	3219605	26.315	1.243	39.542	-79.3803
21542	483	229	1772593	0	0.684	0	39.59607	-78.95
21543	140	61	3524518	868	1.361	0	39.65645	-78.9607
21545	1940	868	37234974	21107	14.377	0.008	39.70407	-78.8545
21550	14194	8203	5.27E+08	6822965	203.393	2.634	39.38881	-79.3923
21555	1936	1054	2.74E+08	5883176	105.957	2.272	39.57583	-78.5625
21557	1895	876	69760972	1235041	26.935	0.477	39.53623	-78.9228
21561	2627	2699	2.4E+08	8669494	92.679	3.347	39.49157	-79.1944
21562	3141	1536	75067999	481011	28.984	0.186	39.51412	-79.0406
21601	23597	11292	2.83E+08	53718770	109.402	20.741	38.79381	-76.0824
21607	583	236	47395591	0	18.3	0	39.13272	-75.8542
21610	378	347	4580667	3630895	1.769	1.402	39.36709	-76.0726
21612	492	377	14905132	16436690	5.755	6.346	38.75151	-76.2754
21613	17330	8985	4.03E+08	1.04E+08	155.434	40.004	38.50279	-76.0789
21617	9907	3897	2.83E+08	23067121	109.363	8.906	39.0494	-76.0445
21619	5848	2715	24230812	25316223	9.356	9.775	38.94361	-76.2778
21620	12853	6159	3.03E+08	43718996	116.822	16.88	39.20019	-76.0979
21622	558	354	1.41E+08	32322110	54.293	12.48	38.41447	-76.1593

21623	2111	816	97170955	1918126	37.518	0.741	39.12404	-75.9667
21624	143	99	2862461	6179583	1.105	2.386	38.84467	-76.2699
21625	2719	1083	1.08E+08	1497078	41.708	0.578	38.87321	-75.996
21626	120	122	75270424	8398918	29.062	3.243	38.34136	-76.0984
21627	18	27	3633354	525536	1.403	0.203	38.23303	-76.0463
21628	556	251	2733675	519445	1.055	0.201	39.23279	-75.9219
21629	9555	3897	2.15E+08	6377906	82.878	2.463	38.85889	-75.825
21631	2731	1216	67544406	10718158	26.079	4.138	38.58239	-75.939
21632	6353	2742	1.92E+08	1298240	74.091	0.501	38.7314	-75.7724
21634	305	307	12200561	20822861	4.711	8.04	38.29216	-76.1992
21635	2098	1034	79654483	4063543	30.755	1.569	39.33479	-75.8466
21636	1186	486	57175453	156310	22.076	0.06	39.02529	-75.8028
21638	4934	2191	25480164	14298968	9.838	5.521	38.9402	-76.2076
21639	4408	1779	85021451	341767	32.827	0.132	38.95862	-75.7824
21640	1632	651	71646341	185174	27.663	0.071	39.06814	-75.8209
21641	117	55	233483	6165	0.09	0.002	38.91792	-75.9402
21643	5979	2576	1.23E+08	5326122	47.65	2.056	38.64558	-75.8699
21644	111	41	11140680	0	4.301	0	39.11243	-75.8735
21645	1039	594	98637796	7812552	38.084	3.016	39.31586	-75.9561
21647	289	184	8550190	1633573	3.301	0.631	38.81239	-76.2831
21648	255	150	45632511	10852813	17.619	4.19	38.48536	-76.2393
21649	1858	593	44118028	24292	17.034	0.009	39.13409	-75.7693
21650	238	98	28668471	135772	11.069	0.052	39.31626	-75.8139
21651	2898	1234	1.01E+08	1988812	38.938	0.768	39.2555	-75.8502
21652	183	154	1552741	2728348	0.6	1.053	38.70319	-76.2741
21653	114	77	450150	123701	0.174	0.048	38.75046	-76.1797
21654	1236	974	28411730	9892865	10.97	3.82	38.68876	-76.1278
21655	5009	2165	1.37E+08	8649488	52.996	3.34	38.74497	-75.9128
21657	777	310	64427733	44319	24.876	0.017	38.96994	-75.9869
21658	3862	1679	1.02E+08	18832105	39.235	7.271	38.95554	-76.1407
21659	1551	702	1.24E+08	3349072	47.967	1.293	38.58393	-75.7756
21660	4063	1557	85694837	384407	33.087	0.148	38.95614	-75.8891
21661	2653	1792	83954615	56944688	32.415	21.986	39.09612	-76.2195
21662	555	422	20686112	14697516	7.987	5.675	38.71355	-76.2095
21663	3308	2167	31660228	17343594	12.224	6.696	38.78896	-76.2291
21664	539	236	1121671	69471	0.433	0.027	38.60708	-75.9447
21665	287	195	10578736	12869134	4.084	4.969	38.7518	-76.3326
21666	12309	5085	57244987	27776801	22.102	10.725	38.93933	-76.3375
21667	310	155	15242720	1468368	5.885	0.567	39.35062	-76.0421
21668	1904	785	1.29E+08	69190	49.656	0.027	39.19119	-75.853
21669	229	228	32129918	16008339	12.405	6.181	38.46008	-76.2852
21671	756	619	5472625	8925148	2.113	3.446	38.69557	-76.3351
21672	241	216	24966397	7552147	9.64	2.916	38.2717	-76.0527
21673	3136	1456	1.34E+08	43105240	51.673	16.643	38.64251	-76.0435
21675	105	103	8431831	1929985	3.256	0.745	38.28898	-76.0896
21676	398	260	16266947	20862861	6.281	8.055	38.77321	-76.3532
21677	440	248	24178723	6875314	9.335	2.655	38.47268	-76.1732

21678	2301	1144	97300721	12587823	37.568	4.86	39.31328	-76.1123
21679	483	189	23175647	890864	8.948	0.344	38.91378	-76.0916
21701	35293	15847	1.01E+08	1751826	38.913	0.676	39.44355	-77.3329
21702	38847	15617	1.05E+08	282970	40.408	0.109	39.47983	-77.456
21703	32854	12772	86136850	106575	33.258	0.041	39.36703	-77.4735
21704	13321	4439	67773106	547647	26.167	0.211	39.35476	-77.3757
21705	8	0	61289	0	0.024	0	39.40886	-77.41
21710	4515	1710	66189037	1147935	25.556	0.443	39.29708	-77.4483
21711	1029	418	61780568	1768548	23.854	0.683	39.6684	-78.0196
21713	9502	3769	1.09E+08	158957	42.237	0.061	39.52957	-77.6755
21714	99	61	74855	0	0.029	0	39.4193	-77.5044
21716	4885	2054	8365222	1745950	3.23	0.674	39.31445	-77.62
21717	54	25	950042	10584	0.367	0.004	39.33688	-77.436
21718	151	74	1175291	10427	0.454	0.004	39.39335	-77.6278
21719	1548	660	8705488	68393	3.361	0.026	39.70796	-77.4942
21722	5545	2186	1.54E+08	3368086	59.353	1.3	39.66221	-77.9208
21723	803	252	7900647	82192	3.05	0.032	39.32912	-77.0026
21727	5850	1811	82894708	531553	32.006	0.205	39.68864	-77.3292
21733	1163	428	15657081	0	6.045	0	39.5493	-77.7585
21734	771	392	585226	0	0.226	0	39.60782	-77.7078
21737	1458	466	13133861	139115	5.071	0.054	39.24922	-77.0267
21738	3268	1062	18881608	104336	7.29	0.04	39.27984	-77.0267
21740	61859	25858	1.81E+08	758184	69.845	0.293	39.63192	-77.7436
21742	31444	13555	1.31E+08	73363	50.459	0.028	39.67822	-77.6527
21746	1883	0	932545	0	0.36	0	39.56506	-77.7115
21750	3766	1779	1.56E+08	4206866	60.373	1.624	39.68504	-78.2129
21754	6323	2198	61427395	105853	23.717	0.041	39.33212	-77.3162
21755	5591	2103	89210936	1622831	34.445	0.627	39.35966	-77.5681
21756	3612	1340	54112474	28102	20.893	0.011	39.46272	-77.704
21757	3036	1170	97513958	199030	37.65	0.077	39.59157	-77.2682
21758	4921	1882	83996318	6288252	32.431	2.428	39.3532	-77.6568
21762	249	100	952882	0	0.368	0	39.48083	-77.2471
21766	700	396	97905209	2256741	37.801	0.871	39.67047	-78.3879
21767	991	463	737107	0	0.285	0	39.69713	-77.7475
21769	11236	4149	1.06E+08	746756	40.783	0.288	39.44245	-77.5689
21770	5164	1780	28486330	27444	10.999	0.011	39.3502	-77.2562
21771	29563	10200	2.2E+08	443148	85.063	0.171	39.39465	-77.164
21773	5460	2080	1E+08	227721	38.716	0.088	39.54258	-77.5517
21774	11662	4073	37289821	668023	14.398	0.258	39.40777	-77.2684
21776	5735	2159	91194849	299382	35.211	0.116	39.51798	-77.0997
21777	1470	528	5447272	2348483	2.103	0.907	39.27131	-77.5194
21778	1094	438	45182828	1156015	17.445	0.446	39.6159	-77.3343
21779	983	394	23202464	0	8.959	0	39.42681	-77.6516
21780	1625	661	58239532	39452	22.486	0.015	39.67742	-77.4656
21781	136	7	656097	0	0.253	0	39.57107	-77.7596
21782	4097	1730	77664726	5502596	29.987	2.125	39.45681	-77.7623
21783	9130	3522	1.16E+08	140928	44.902	0.054	39.65183	-77.5535

21784	37941	13454	1.49E+08	5264230	57.533	2.033	39.40108	-76.9737
21787	10693	4171	1.49E+08	629914	57.454	0.243	39.67763	-77.1726
21788	11622	4718	1.73E+08	1379503	66.757	0.533	39.58998	-77.4139
21790	100	44	10146412	34788	3.918	0.013	39.26087	-77.4849
21791	5281	2053	1.28E+08	204244	49.295	0.079	39.53326	-77.1881
21793	9775	3591	52831424	36425	20.398	0.014	39.49158	-77.3466
21794	2434	777	22605176	84882	8.728	0.033	39.29842	-76.9661
21795	9233	3958	78228891	4404361	30.204	1.701	39.58061	-77.8237
21797	8839	3079	1.12E+08	602122	43.283	0.232	39.32818	-77.0714
21798	2345	896	42827079	152589	16.536	0.059	39.53651	-77.3026
21801	29961	11922	1.1E+08	3756948	42.337	1.451	38.3823	-75.6396
21802	89	0	136027	0	0.053	0	38.34477	-75.5827
21804	38491	16184	1.92E+08	1398919	74.291	0.54	38.31408	-75.5321
21810	487	221	25003387	289819	9.654	0.112	38.30075	-75.712
21811	22550	14832	2.61E+08	32252178	100.671	12.453	38.31888	-75.2167
21813	2852	1345	64314060	18168184	24.832	7.015	38.42422	-75.1555
21814	380	224	9597311	7762406	3.706	2.997	38.29583	-75.8971
21817	5236	2897	37916876	10163392	14.64	3.924	37.98103	-75.8361
21821	991	734	28297631	12589440	10.926	4.861	38.1646	-75.9167
21822	1930	827	73145717	2284863	28.242	0.882	38.27978	-75.6368
21824	198	181	5692314	1189430	2.198	0.459	37.98077	-76.0365
21826	4837	2028	11422761	165880	4.41	0.064	38.31689	-75.6265
21829	527	247	47170995	5926773	18.213	2.288	38.09766	-75.3715
21830	4026	1591	81112328	2294778	31.318	0.886	38.40217	-75.7379
21835	507	235	20827542	340679	8.042	0.132	38.53189	-75.9485
21837	2614	1119	1.15E+08	8456657	44.411	3.265	38.45457	-75.7663
21838	1736	894	1.38E+08	18580362	53.45	7.174	38.01791	-75.7379
21840	375	276	13555319	19331009	5.234	7.464	38.24874	-75.9
21841	860	394	79837188	2394949	30.825	0.925	38.24694	-75.2958
21842	11089	32844	23029459	17197937	8.892	6.64	38.35054	-75.1289
21849	3238	1375	90013651	345848	34.754	0.134	38.37726	-75.4618
21850	2790	1279	80528167	180164	31.092	0.07	38.36173	-75.3971
21851	7315	3365	2.74E+08	5198199	105.729	2.007	38.07987	-75.5424
21853	11126	4431	3.08E+08	26000207	118.991	10.039	38.20352	-75.7209
21856	1035	440	90719319	9021175	35.027	3.483	38.33073	-75.7949
21861	757	337	6787689	1260110	2.621	0.487	38.53644	-75.7273
21862	106	54	3289065	5474	1.27	0.002	38.39809	-75.2272
21863	5029	2192	3E+08	9781536	115.854	3.777	38.18791	-75.399
21864	611	309	55088003	6539888	21.27	2.525	38.03154	-75.4056
21865	470	286	41813534	10319144	16.144	3.984	38.28734	-75.8412
21866	78	74	318387	0	0.123	0	37.96713	-76.0214
21867	114	69	709892	0	0.274	0	38.10967	-75.7937
21869	1006	561	2.46E+08	34322672	94.816	13.252	38.43823	-75.8963
21871	2124	1080	1.76E+08	17958893	67.789	6.934	38.09379	-75.7357
21872	718	307	46808316	216712	18.073	0.084	38.41516	-75.2991
21874	2210	917	69407025	113317	26.798	0.044	38.39128	-75.352
21875	6467	2796	60796561	93909	23.474	0.036	38.44	-75.5447

21890	3240	0	342406	1649	0.132	0.001	38.15732	-75.7043
21901	15875	6648	1.27E+08	8413939	49.198	3.249	39.58541	-75.959
21902	471	43	2083319	0	0.804	0	39.55197	-76.0631
21903	5687	2613	31427354	246434	12.134	0.095	39.57344	-76.0391
21904	7252	2871	61208326	6533406	23.633	2.523	39.62332	-76.0792
21911	11004	4081	96719926	686672	37.344	0.265	39.69467	-76.036
21912	1240	511	81697797	3624253	31.544	1.399	39.4194	-75.8186
21913	663	264	1165581	0	0.45	0	39.4046	-75.868
21914	765	428	1903165	477110	0.735	0.184	39.5729	-75.979
21915	3030	1582	65591600	12194841	25.325	4.708	39.49614	-75.8482
21916	37	0	233632	0	0.09	0	39.64128	-75.8616
21917	2520	907	20265281	146369	7.824	0.057	39.67163	-76.0974
21918	4284	1589	45741330	6628177	17.661	2.559	39.67819	-76.1759
21919	3467	2179	1.13E+08	22553121	43.528	8.708	39.41684	-75.9336
21920	257	100	1290392	0	0.498	0	39.6575	-75.8283
21921	44471	17232	2.45E+08	14098236	94.572	5.443	39.62715	-75.8599
21930	94	58	1907039	186920	0.736	0.072	39.37566	-75.888
22003	55990	19923	32219579	136730	12.44	0.053	38.82982	-77.2153
22015	43102	15133	21686318	231445	8.373	0.089	38.78781	-77.279
22025	17379	6235	17633663	428335	6.808	0.165	38.59242	-77.3469
22026	14258	4737	20883576	4143752	8.063	1.6	38.56085	-77.2961
22027	2362	781	1650280	202	0.637	0	38.89484	-77.2231
22030	55066	19487	48873146	245830	18.87	0.095	38.83714	-77.3405
22031	29795	12048	17627151	138863	6.806	0.054	38.85953	-77.2585
22032	29377	10009	19227808	252950	7.424	0.098	38.81905	-77.2903
22033	37691	16083	19587566	181972	7.563	0.07	38.87522	-77.3847
22035	0	0	438985	11821	0.169	0.005	38.8545	-77.3574
22039	18364	6104	61231662	2267947	23.642	0.876	38.75607	-77.314
22041	27989	11174	7243208	349061	2.797	0.135	38.84473	-77.1432
22042	33537	12495	17123432	116634	6.611	0.045	38.86502	-77.1971
22043	24302	9767	12344913	16322	4.766	0.006	38.90085	-77.1959
22044	14092	5909	5664142	233185	2.187	0.09	38.86204	-77.1544
22046	16235	6649	7327552	6	2.829	0	38.88633	-77.181
22060	8878	2928	33717935	4564810	13.019	1.762	38.69344	-77.1531
22066	18099	6054	69877828	629859	26.98	0.243	39.01205	-77.3026
22079	32059	11245	75732023	17113213	29.24	6.607	38.67461	-77.2097
22101	29887	11345	35335050	114880	13.643	0.044	38.94024	-77.1649
22102	21985	10608	27151826	169583	10.483	0.065	38.94996	-77.2292
22124	17558	6834	26244050	234082	10.133	0.09	38.893	-77.3326
22125	711	400	391803	46333	0.151	0.018	38.6819	-77.2622
22134	6862	1379	61306654	3966217	23.671	1.531	38.52175	-77.385
22150	27105	9489	19456840	134375	7.512	0.052	38.77286	-77.1865
22151	17456	5932	13247339	425104	5.115	0.164	38.80409	-77.2078
22152	28550	10636	15386574	120834	5.941	0.047	38.77449	-77.232
22153	31285	10676	23030919	435719	8.892	0.168	38.74497	-77.2356
22172	8699	3361	32710843	437319	12.63	0.169	38.56473	-77.3715
22180	23491	8812	15052842	17193	5.812	0.007	38.89544	-77.2561

22181	14879	5519	14741144	67927	5.692	0.026	38.90665	-77.2934
22182	24863	9143	30458271	138862	11.76	0.054	38.93748	-77.2732
22185	0	0	164619	0	0.064	0	38.87458	-77.304
22191	57598	20329	40948790	12305115	15.81	4.751	38.62291	-77.2629
22192	53394	20113	48032111	1856631	18.545	0.717	38.6837	-77.3147
22193	73047	23150	45776872	82755	17.675	0.032	38.64367	-77.3486
22201	33476	18985	6058557	0	2.339	0	38.88657	-77.0953
22202	22543	15278	10024542	237813	3.87	0.092	38.85684	-77.0515
22203	21850	12018	3973848	0	1.534	0	38.87369	-77.1173
22204	47233	21078	10647712	0	4.111	0	38.86079	-77.099
22205	17087	6628	7009397	0	2.706	0	38.88351	-77.1395
22206	19051	10689	5303722	5728	2.048	0.002	38.84392	-77.0894
22207	30920	11729	16704065	3491	6.449	0.001	38.90667	-77.1242
22209	12314	7975	1553657	0	0.6	0	38.89502	-77.0755
22211	648	61	4533967	0	1.751	0	38.8801	-77.0708
22213	2936	1231	1475803	0	0.57	0	38.8952	-77.1625
22214	0	0	105452	0	0.041	0	38.86881	-77.0739
22301	11162	5017	3606878	0	1.393	0	38.81985	-77.0596
22302	16485	8935	5819967	6251	2.247	0.002	38.82789	-77.0831
22303	12601	6858	3773866	112661	1.457	0.043	38.79438	-77.0788
22304	44300	22966	12000790	237133	4.634	0.092	38.81314	-77.1121
22305	15440	6863	3497411	168639	1.35	0.065	38.83651	-77.0621
22306	32326	12312	18763296	194128	7.245	0.075	38.75575	-77.0978
22307	9581	4655	7472846	2298566	2.885	0.887	38.77198	-77.0573
22308	12737	4741	11642034	1048692	4.495	0.405	38.73273	-77.0581
22309	33220	12264	19515246	2186743	7.535	0.844	38.72053	-77.1067
22310	29609	11818	18558813	37189	7.166	0.014	38.78407	-77.1228
22311	17560	8744	3981467	16236	1.537	0.006	38.83361	-77.1254
22312	30614	11919	13874964	97202	5.357	0.038	38.81579	-77.1543
22314	29653	17584	9823110	686499	3.793	0.265	38.80686	-77.0564
22315	26202	10988	14157309	413568	5.466	0.16	38.75834	-77.1512
22401	24286	10467	27039905	182486	10.44	0.07	38.29927	-77.4867
22405	29152	10632	1.36E+08	5413669	52.596	2.09	38.31349	-77.4038
22406	20757	7695	1.88E+08	3572370	72.623	1.379	38.39924	-77.544
22407	54962	19758	1.47E+08	3497951	56.702	1.351	38.28347	-77.5757
22408	26851	9728	1.19E+08	2336613	45.921	0.902	38.21894	-77.444
22427	3286	1318	3.95E+08	4235785	152.377	1.635	38.09315	-77.2711
22432	394	241	10708414	1993977	4.135	0.77	37.86952	-76.3423
22433	232	89	10856312	35004	4.192	0.014	38.36706	-77.8594
22435	2439	1193	66163371	4515587	25.546	1.743	37.97175	-76.5678
22436	746	323	73924512	344301	28.542	0.133	38.08423	-77.1173
22437	725	494	1.07E+08	8797204	41.463	3.397	37.78088	-76.7999
22438	463	232	1.07E+08	13076989	41.491	5.049	38.04102	-76.9807
22443	8083	4807	1.58E+08	15775664	61.006	6.091	38.1695	-76.9868
22448	599	192	10894986	1443999	4.207	0.558	38.33633	-77.0284
22454	1796	1184	1.05E+08	15703312	40.658	6.063	37.84409	-76.8336
22460	1876	1082	1.49E+08	13636267	57.668	5.265	37.86854	-76.6151

22469	1921	1346	80671408	7925933	31.147	3.06	38.08106	-76.6502
22473	5099	3618	2.91E+08	26972422	112.532	10.414	37.88748	-76.4207
22476	369	170	45371650	955098	17.518	0.369	38.05105	-77.0729
22480	714	601	6616764	844684	2.555	0.326	37.66273	-76.4125
22482	2993	1889	78884931	18653519	30.458	7.202	37.73563	-76.3461
22485	23004	9293	4.55E+08	19590752	175.621	7.564	38.27718	-77.1627
22488	1398	888	70279291	7341696	27.135	2.835	38.0492	-76.5879
22503	4334	2812	2.28E+08	71244939	87.978	27.508	37.7504	-76.5135
22504	263	153	23504104	8031782	9.075	3.101	37.76893	-76.7207
22508	12696	5686	1.43E+08	2641675	55.395	1.02	38.31319	-77.7985
22509	31	18	29726069	7919901	11.477	3.058	38.12052	-77.0799
22511	1240	1007	36563995	12081291	14.117	4.665	37.99103	-76.504
22514	2603	1101	2.25E+08	3129834	87.039	1.208	38.00585	-77.328
22520	5402	3268	2.37E+08	30047472	91.477	11.601	38.12229	-76.8062
22529	335	161	28586257	11815	11.037	0.005	38.00446	-76.684
22530	126	192	3896605	1444914	1.504	0.558	37.89783	-76.293
22534	2796	990	87904005	287989	33.94	0.111	38.07758	-77.6729
22535	580	284	24816444	5220146	9.582	2.016	38.14845	-77.1628
22538	307	133	34314276	3345762	13.249	1.292	38.20425	-77.2589
22539	2063	1921	44111431	14141565	17.032	5.46	37.86063	-76.286
22542	1950	758	53523500	137044	20.666	0.053	38.29352	-77.8809
22546	15850	6479	4.2E+08	4819702	162.333	1.861	37.94267	-77.4487
22548	73	69	2588677	5073775	0.999	1.959	37.8158	-76.7048
22551	19242	7274	4.5E+08	7597002	173.822	2.933	38.16984	-77.7
22553	13935	4975	1.16E+08	3208322	44.628	1.239	38.27203	-77.6478
22554	51463	17173	1.72E+08	15502531	66.362	5.986	38.42676	-77.3766
22556	25675	8483	81931126	748300	31.634	0.289	38.47205	-77.5109
22560	6704	3198	2.36E+08	20308631	91.185	7.841	37.91611	-76.9612
22567	3163	1227	1.22E+08	199865	47.295	0.077	38.2297	-77.9284
22572	7470	2782	3.59E+08	45690077	138.475	17.641	37.9653	-76.7711
22576	1785	1055	28520156	15612172	11.012	6.028	37.67958	-76.4422
22578	2510	1801	48091389	54063147	18.568	20.874	37.63676	-76.3562
22579	155	124	2176910	1252421	0.841	0.484	37.7956	-76.3149
22580	5160	2104	2.33E+08	2201040	89.774	0.85	38.10918	-77.4457
22601	27813	12521	25566246	54101	9.871	0.021	39.17447	-78.1734
22602	28443	11156	2.86E+08	1124219	110.245	0.434	39.14425	-78.2848
22603	13910	5671	2.54E+08	931138	98.02	0.36	39.27769	-78.2067
22610	1842	898	1.34E+08	1981423	51.628	0.765	38.82466	-78.2791
22611	8757	3676	2.09E+08	1464394	80.804	0.565	39.16888	-77.9846
22620	2348	1147	1.18E+08	2647064	45.743	1.022	39.06819	-78.0323
22623	670	271	3144304	879	1.214	0	38.84893	-78.1407
22624	2565	999	49949933	179586	19.286	0.069	39.26978	-78.0918
22625	3641	1534	1.14E+08	764519	43.823	0.295	39.37281	-78.3107
22627	637	362	84946969	310584	32.798	0.12	38.75746	-78.1442
22630	30292	12856	3.38E+08	5469832	130.563	2.112	38.93021	-78.1749
22637	1970	881	1.15E+08	869307	44.542	0.336	39.25665	-78.353
22639	560	267	48357435	425741	18.671	0.164	38.81378	-78.0191

22640	532	284	61127958	156388	23.602	0.06	38.81202	-78.1421
22641	361	178	17342788	34839	6.696	0.013	39.08515	-78.375
22642	4414	1894	1.32E+08	503454	51.067	0.194	38.94715	-78.0119
22643	197	95	14874100	24129	5.743	0.009	38.88557	-77.9833
22644	2177	1057	97286012	457075	37.562	0.176	38.94977	-78.4865
22645	3880	1675	92372136	938320	35.665	0.362	39.02186	-78.2755
22646	205	107	5090172	3964	1.965	0.002	39.07252	-78.0509
22650	978	541	74304098	1317245	28.689	0.509	38.76508	-78.3646
22652	1399	810	1.82E+08	745923	70.305	0.288	38.83959	-78.4294
22654	640	374	1.6E+08	133229	61.845	0.051	38.98782	-78.5734
22655	19328	7559	91139222	348617	35.189	0.135	39.06774	-78.2091
22656	2381	947	21720233	145108	8.386	0.056	39.21926	-78.0893
22657	10956	4963	1.6E+08	2331121	61.932	0.9	39.00262	-78.3761
22660	1689	749	23793441	384513	9.187	0.148	38.94406	-78.4314
22663	1536	578	57284674	222915	22.118	0.086	39.05474	-78.1106
22664	8753	4013	1.29E+08	2007038	49.987	0.775	38.88892	-78.5325
22701	31444	12394	4.23E+08	3524838	163.411	1.361	38.43878	-77.9963
22709	874	369	33326994	101145	12.868	0.039	38.32873	-78.2137
22711	92	43	5977554	3385	2.308	0.001	38.46717	-78.275
22712	8415	3013	93810456	514833	36.22	0.199	38.56401	-77.7572
22713	1406	605	69025933	254304	26.651	0.098	38.56072	-78.1188
22714	1129	416	57820752	531268	22.325	0.205	38.51967	-77.8954
22715	1082	451	23490584	68989	9.07	0.027	38.4107	-78.1856
22716	853	434	64747114	360331	24.999	0.139	38.62926	-78.104
22718	534	223	63588457	471792	24.552	0.182	38.47718	-77.8275
22719	395	245	52715602	40774	20.354	0.016	38.53489	-78.2813
22720	1059	445	53530640	291351	20.668	0.112	38.47595	-77.6419
22722	273	121	9112554	17736	3.518	0.007	38.46626	-78.2271
22723	128	61	11045506	61397	4.265	0.024	38.33461	-78.3804
22724	2282	825	54642748	418740	21.098	0.162	38.61465	-77.894
22726	776	276	40835666	415327	15.767	0.16	38.40246	-77.8207
22727	5547	2471	2.62E+08	1102332	101.129	0.426	38.40759	-78.2953
22728	3310	1241	1.17E+08	613813	45.238	0.237	38.59662	-77.6753
22729	1338	58	14315687	140219	5.527	0.054	38.37419	-78.0178
22730	115	52	8806341	58578	3.4	0.023	38.37521	-78.1586
22731	139	60	2296850	0	0.887	0	38.33656	-78.2573
22732	191	80	4379734	0	1.691	0	38.31463	-78.1899
22733	1469	559	1.23E+08	731327	47.492	0.282	38.33359	-78.0457
22734	3187	1172	77805050	860164	30.041	0.332	38.52619	-77.7946
22735	2277	905	85970946	318774	33.194	0.123	38.47687	-78.1743
22736	732	269	74656779	994737	28.825	0.384	38.39817	-77.7046
22737	2936	1144	1.04E+08	1070311	40.293	0.413	38.58051	-78.0151
22738	1149	491	69922811	513378	26.997	0.198	38.29393	-78.2809
22740	1313	757	2.04E+08	168422	78.954	0.065	38.64569	-78.287
22741	182	80	21519036	143178	8.309	0.055	38.42895	-77.8686
22742	1926	695	57396255	394692	22.161	0.152	38.46633	-77.7151
22743	204	163	1.58E+08	36366	60.859	0.014	38.53931	-78.381

22747	1132	676	1.01E+08	368353	38.818	0.142	38.70906	-78.1657
22749	349	194	49851502	178359	19.248	0.069	38.61966	-78.1802
22801	37989	14072	84113556	327444	32.476	0.126	38.40365	-78.8751
22802	26293	10815	2.34E+08	521864	90.495	0.201	38.49449	-78.863
22807	3311	8	1122586	36839	0.433	0.014	38.43397	-78.8679
22810	863	1257	64606971	249883	24.945	0.096	38.82709	-78.7965
22811	500	286	82037098	78251	31.675	0.03	38.81161	-78.9916
22812	8927	3359	1.12E+08	1214274	43.058	0.469	38.37825	-79.0271
22815	8355	3660	1.86E+08	568340	71.884	0.219	38.71251	-78.8412
22820	214	153	58277406	89176	22.501	0.034	38.70484	-79.019
22821	5753	2314	2.12E+08	772272	81.769	0.298	38.47594	-79.13
22824	6018	2789	2.23E+08	1420751	86.003	0.549	38.83607	-78.6318
22827	10388	4651	3.53E+08	2380481	136.38	0.919	38.41072	-78.5964
22830	1773	824	2.92E+08	753345	112.549	0.291	38.65981	-78.9722
22831	813	402	1.57E+08	687256	60.635	0.265	38.5764	-79.0761
22832	1091	469	63175118	66612	24.392	0.026	38.45492	-78.7597
22834	1250	499	46023805	130571	17.77	0.05	38.55926	-78.86
22835	11634	5803	3.9E+08	4396442	150.687	1.697	38.67089	-78.4534
22840	4354	3530	68309756	502990	26.375	0.194	38.42137	-78.7168
22841	2791	1153	80932486	1070928	31.248	0.413	38.34179	-78.8925
22842	5063	2698	1.88E+08	839736	72.469	0.324	38.77805	-78.6997
22843	2458	1084	2.93E+08	1076498	113.189	0.416	38.37341	-79.1474
22844	4528	2222	1.26E+08	862259	48.499	0.333	38.65586	-78.6617
22845	33	28	3422513	3920	1.321	0.002	38.78633	-78.8164
22846	1855	694	28806456	72667	11.122	0.028	38.37877	-78.7907
22847	1066	467	53766267	131752	20.759	0.051	38.73064	-78.7174
22849	5044	2306	1.22E+08	1912050	46.987	0.738	38.52569	-78.622
22850	899	418	31198992	39233	12.046	0.015	38.55968	-78.9243
22851	5956	2748	1.43E+08	763839	55.183	0.295	38.56305	-78.5129
22853	4367	1957	94478945	595404	36.479	0.23	38.65025	-78.7583
22901	32532	15139	1.35E+08	2586663	52.151	0.999	38.08766	-78.5568
22902	21223	9921	1.63E+08	956001	62.781	0.369	37.91037	-78.5224
22903	38229	16133	1.96E+08	1142385	75.631	0.441	38.00665	-78.5963
22904	4633	14	1716105	3990	0.663	0.002	38.0348	-78.5244
22911	15971	7055	1.32E+08	1476027	51.063	0.57	38.09708	-78.4101
22920	4186	1997	1.96E+08	324859	75.663	0.125	37.96898	-78.8053
22922	1993	962	1.31E+08	1001333	50.561	0.387	37.6937	-78.9218
22923	5035	1949	1.3E+08	493304	50.286	0.19	38.18833	-78.3184
22931	382	203	46970224	73730	18.135	0.028	37.89894	-78.7276
22932	7488	3129	2.81E+08	842104	108.361	0.325	38.14751	-78.6965
22935	926	417	55747290	194791	21.524	0.075	38.25393	-78.5627
22936	4853	2001	94359819	1735257	36.433	0.67	38.16	-78.4991
22937	1486	680	1.18E+08	971177	45.677	0.375	37.79827	-78.614
22938	1444	701	1.1E+08	333208	42.457	0.129	37.86586	-78.7945
22939	5398	2109	43246068	236402	16.697	0.091	38.10577	-78.9741
22940	1119	504	81426695	382797	31.439	0.148	38.15974	-78.5562
22942	8113	3893	2.89E+08	2022657	111.742	0.781	38.1016	-78.2022

22943	444	219	14713930	83442	5.681	0.032	38.03583	-78.7741
22946	244	111	11124098	9820	4.295	0.004	37.85859	-78.5714
22947	4198	1931	1.13E+08	625461	43.687	0.241	38.0456	-78.3276
22948	305	104	14741730	295893	5.692	0.114	38.36341	-78.1292
22949	1300	655	95279840	30167	36.788	0.012	37.79002	-78.8794
22952	2029	922	1.27E+08	560367	49.133	0.216	37.96356	-78.9627
22958	1637	2931	75240115	203899	29.05	0.079	37.9	-78.8987
22959	1578	705	1.01E+08	178550	38.854	0.069	37.93723	-78.6565
22960	10722	4689	3.32E+08	5244885	128.269	2.025	38.219	-78.0733
22963	15401	6489	3.15E+08	4168795	121.7	1.61	37.84812	-78.3051
22964	261	127	19312045	151631	7.456	0.059	37.70942	-78.9777
22967	1956	1359	2.02E+08	641598	78.013	0.248	37.79731	-79.0141
22968	9815	3792	99904293	734267	38.573	0.284	38.2406	-78.4009
22969	1437	706	1.13E+08	386640	43.715	0.149	37.79748	-78.6934
22971	1735	873	1.39E+08	281329	53.751	0.109	37.74512	-78.7932
22972	439	206	37027850	186992	14.297	0.072	38.21578	-78.2303
22973	6191	2837	2.65E+08	793413	102.297	0.306	38.33592	-78.479
22974	5385	1715	1.04E+08	1053629	40.341	0.407	37.97264	-78.2844
22976	339	214	1E+08	320869	38.682	0.124	37.81279	-79.0567
22980	31451	14222	1.93E+08	1312749	74.338	0.507	38.09986	-78.8805
22989	112	40	3808982	85586	1.471	0.033	38.28868	-78.1321
23002	10439	4351	6.73E+08	5226450	259.745	2.018	37.35106	-77.9679
23004	851	433	1.02E+08	624045	39.457	0.241	37.68888	-78.3992
23005	15227	6156	1.75E+08	1396874	67.375	0.539	37.7597	-77.4819
23009	6279	2500	2.01E+08	2222117	77.704	0.858	37.82094	-77.1812
23011	1429	420	56500937	10934294	21.815	4.222	37.47831	-76.8106
23015	4249	1638	2.1E+08	1529207	81.233	0.59	37.9296	-77.6264
23021	345	165	9263141	3978768	3.577	1.536	37.38995	-76.3735
23022	930	459	67695110	1914657	26.137	0.739	37.731	-78.2632
23023	323	153	51647104	428603	19.941	0.165	37.78233	-76.9625
23024	8120	4180	2.75E+08	27335348	105.987	10.554	37.92775	-77.7793
23025	233	134	3365700	454092	1.3	0.175	37.41483	-76.3634
23027	1413	619	1.18E+08	575353	45.588	0.222	37.64534	-78.1322
23030	5128	2314	3.83E+08	55184925	147.764	21.307	37.34649	-77.0548
23032	283	147	44076309	51098	17.018	0.02	37.65097	-76.6681
23035	1473	813	38092085	7421242	14.707	2.865	37.49191	-76.3882
23038	1775	908	1.94E+08	2530565	74.959	0.977	37.75297	-78.1494
23039	1056	468	38355463	1133727	14.809	0.438	37.65657	-77.8125
23040	4661	2068	3.82E+08	2523462	147.349	0.974	37.50406	-78.2456
23043	1692	1715	19478530	20480041	7.521	7.907	37.56334	-76.3503
23045	96	72	6293741	1225299	2.43	0.473	37.42535	-76.2688
23047	1952	811	1.23E+08	2057360	47.405	0.794	37.84338	-77.4739
23050	598	282	10715038	1217098	4.137	0.47	37.49891	-76.4371
23055	915	375	40184632	799970	15.515	0.309	37.77045	-78.2219
23056	458	249	15442376	10026802	5.962	3.871	37.35648	-76.3626
23059	31919	12235	1.19E+08	1197860	45.915	0.462	37.70223	-77.574
23060	33417	13488	39294586	414907	15.172	0.16	37.65617	-77.5378

23061	21208	8854	4.06E+08	89980296	156.616	34.742	37.42845	-76.5387
23062	2340	1150	3734104	5211593	1.442	2.012	37.25707	-76.5019
23063	5278	2008	2.6E+08	9838199	100.266	3.799	37.71255	-78.0061
23064	131	128	890813	355636	0.344	0.137	37.49579	-76.2994
23065	1909	811	56193678	494909	21.697	0.191	37.80596	-77.9324
23066	471	526	5217679	7511510	2.015	2.9	37.49706	-76.2836
23068	257	201	2255618	4183219	0.871	1.615	37.5013	-76.3347
23069	3197	1073	1.41E+08	2242016	54.52	0.866	37.77154	-77.3224
23070	431	227	7479562	1858538	2.888	0.718	37.5522	-76.389
23071	1563	1050	31028215	8796046	11.98	3.396	37.54543	-76.4486
23072	11541	5103	95221648	85609130	36.765	33.054	37.29218	-76.4485
23075	9819	4308	11873171	636087	4.584	0.246	37.55788	-77.3131
23076	606	403	9792994	5286420	3.781	2.041	37.47752	-76.3069
23079	437	289	54872083	16837804	21.186	6.501	37.73057	-76.6713
23083	1732	760	1.47E+08	216565	56.839	0.084	37.31045	-78.1206
23084	1799	776	1.07E+08	338168	41.206	0.131	37.88499	-78.1151
23085	364	199	1.11E+08	1533306	43.049	0.592	37.71351	-76.8315
23086	3247	1348	2.14E+08	8271159	82.656	3.194	37.66722	-77.0551
23089	4914	2242	1.57E+08	16549264	60.609	6.39	37.46114	-76.9047
23091	309	154	60033075	1735810	23.179	0.67	37.65579	-76.7997
23092	584	294	12706441	5890338	4.906	2.274	37.60586	-76.5138
23093	12694	5822	5.4E+08	5176347	208.651	1.999	38.00589	-78.0421
23102	2659	1096	76852108	2649368	29.673	1.023	37.70655	-77.8322
23103	4634	1998	96917345	3573280	37.42	1.38	37.64803	-77.7236
23106	976	407	69705534	987155	26.913	0.381	37.71611	-77.2015
23108	161	73	33031155	161995	12.753	0.063	37.64677	-76.7402
23109	1821	958	44520881	4480231	17.19	1.73	37.43143	-76.332
23110	794	393	57313395	5999918	22.129	2.317	37.58282	-76.7711
23111	36490	14351	2.02E+08	2334718	78.09	0.901	37.6135	-77.2429
23112	46982	18372	83923263	6086904	32.403	2.35	37.43341	-77.6629
23113	23848	9471	91683844	876501	35.399	0.338	37.53885	-77.6796
23114	17449	6719	29171308	171356	11.263	0.066	37.48223	-77.6598
23115	146	62	14316106	0	5.527	0	37.81099	-76.9145
23116	27228	9796	1.63E+08	1487843	62.816	0.574	37.67582	-77.3366
23117	9141	5286	3.54E+08	17783366	136.79	6.866	37.97748	-77.8741
23119	295	214	8550434	5322633	3.301	2.055	37.44817	-76.2772
23120	5971	1935	1.65E+08	1870765	63.896	0.722	37.42211	-77.7813
23123	1860	916	1.06E+08	1217237	40.917	0.47	37.65183	-78.3011
23124	3185	1212	1.41E+08	7283499	54.504	2.812	37.54686	-77.0422
23125	223	222	5640041	4851928	2.178	1.873	37.32498	-76.2863
23126	534	242	57849061	277706	22.336	0.107	37.92346	-77.1443
23128	1045	574	30163349	8900058	11.646	3.436	37.43736	-76.4307
23129	374	145	10408770	110563	4.019	0.043	37.68163	-77.7704
23130	268	160	15346854	6133666	5.925	2.368	37.38729	-76.2594
23138	953	610	21712227	35272020	8.383	13.619	37.34315	-76.3037
23139	24425	9358	6.19E+08	4948557	239.084	1.911	37.54567	-77.9376
23140	5175	2140	1.94E+08	1632137	74.924	0.63	37.43501	-77.0383

23141	6471	2597	94184113	784309	36.365	0.303	37.52869	-77.1561
23146	3093	1205	86699747	1310423	33.475	0.506	37.73149	-77.7045
23148	1827	810	1.68E+08	1096353	64.923	0.423	37.84643	-77.0546
23149	3190	1357	1.31E+08	9353642	50.452	3.611	37.57567	-76.6093
23150	12045	5264	77188557	3544836	29.803	1.369	37.50114	-77.2526
23153	1334	524	34241758	754100	13.221	0.291	37.77081	-77.9473
23156	1555	775	1.03E+08	13199545	39.951	5.096	37.52114	-76.7066
23160	2708	1	9734694	123251	3.759	0.048	37.62816	-77.8459
23161	173	106	28089502	1373592	10.845	0.53	37.71587	-76.9351
23163	220	176	5125303	1629054	1.979	0.629	37.35769	-76.3096
23168	6115	2360	60576347	4196789	23.389	1.62	37.39539	-76.8243
23169	1325	820	24164947	22289294	9.33	8.606	37.60048	-76.458
23173	2820	39	1054356	54881	0.407	0.021	37.57768	-77.537
23175	1907	1285	42175414	8845094	16.284	3.415	37.65489	-76.6259
23176	656	356	11169742	8101617	4.313	3.128	37.57638	-76.4146
23177	616	329	52900087	3045763	20.425	1.176	37.75162	-77.0145
23180	441	267	26291321	20512421	10.151	7.92	37.7014	-76.6187
23181	5426	2301	1.7E+08	19631143	65.476	7.58	37.59756	-76.8887
23185	46370	20544	1.45E+08	65650393	56.026	25.348	37.23346	-76.717
23187	267	0	251971	58014	0.097	0.022	37.26886	-76.7209
23188	38733	17482	2.54E+08	26488520	97.954	10.227	37.34891	-76.7696
23192	7067	2666	1.97E+08	2551955	76.202	0.985	37.82036	-77.6808
23219	3781	2135	3974414	729233	1.535	0.282	37.53977	-77.4355
23220	35545	16609	12440992	718393	4.803	0.277	37.54935	-77.4606
23221	13680	7816	8552740	1693502	3.302	0.654	37.55331	-77.4936
23222	24563	11001	21501009	105969	8.302	0.041	37.58297	-77.4189
23223	47677	22017	43634302	983581	16.847	0.38	37.55831	-77.3782
23224	33461	14828	30204495	743536	11.662	0.287	37.49749	-77.4661
23225	39169	19869	37035106	1779913	14.299	0.687	37.51862	-77.5129
23226	15805	7500	15287094	1054715	5.902	0.407	37.57991	-77.5233
23227	24440	12763	29452838	1073139	11.372	0.414	37.61129	-77.4382
23228	34198	16089	29005136	224053	11.199	0.087	37.62662	-77.4928
23229	32283	13736	36956986	1591721	14.269	0.615	37.58677	-77.5742
23230	5852	2917	10805372	68764	4.172	0.027	37.58648	-77.4894
23231	34685	14438	2.29E+08	17846066	88.298	6.89	37.44112	-77.3153
23233	28908	12145	31970186	382397	12.344	0.148	37.64643	-77.6242
23234	42989	16952	51093298	1740971	19.727	0.672	37.45142	-77.4707
23235	30165	13449	45236418	122413	17.466	0.047	37.51457	-77.5648
23236	25822	10219	37306118	228069	14.404	0.088	37.47581	-77.5853
23237	21192	8311	52955796	23357	20.446	0.009	37.40088	-77.4491
23238	25134	11598	55597515	2498765	21.466	0.965	37.59552	-77.6478
23250	0	0	8056933	37877	3.111	0.015	37.50478	-77.3209
23294	17558	8367	10721755	23440	4.14	0.009	37.62993	-77.5419
23301	1831	795	70543263	17388712	27.237	6.714	37.68126	-75.6335
23302	155	79	8610832	606451	3.325	0.234	37.86567	-75.5209
23303	741	366	18425723	603770	7.114	0.233	37.91136	-75.505
23304	71	37	470952	207320	0.182	0.08	36.99614	-76.5721

23306	1088	523	37765473	8500768	14.581	3.282	37.56122	-75.8723
23307	769	391	20180527	290825	7.792	0.112	37.43205	-75.8714
23308	2106	955	85475065	58321304	33.002	22.518	37.8368	-75.6538
23310	4736	2955	1.56E+08	24023601	60.056	9.276	37.25899	-75.9637
23313	78	45	3172322	88473	1.225	0.034	37.19759	-75.9422
23314	6991	2919	49593721	42931858	19.148	16.576	36.95896	-76.5245
23315	1525	674	75495164	519631	29.149	0.201	36.73739	-76.8405
23316	342	171	3622473	1071650	1.399	0.414	37.3031	-75.9929
23320	51797	21820	84467231	3027113	32.613	1.169	36.75173	-76.2176
23321	33653	12619	68206194	1283614	26.335	0.496	36.80021	-76.4208
23322	60473	19878	3.91E+08	3940095	150.808	1.521	36.61875	-76.227
23323	35906	12548	3.12E+08	14675763	120.548	5.666	36.69696	-76.3799
23324	22851	9259	17304420	1832312	6.681	0.707	36.79972	-76.2734
23325	17592	7093	9912481	1293957	3.827	0.5	36.81455	-76.2384
23336	2941	4519	50017669	76172817	19.312	29.41	37.95461	-75.3345
23337	377	199	4727251	174313	1.825	0.067	37.93067	-75.4862
23347	671	365	30515873	11119171	11.782	4.293	37.33865	-75.9707
23350	3403	1920	72426780	8669555	27.964	3.347	37.5129	-75.8628
23354	207	109	8786934	2502938	3.393	0.966	37.46333	-75.9088
23356	1246	996	9194551	31806291	3.55	12.28	37.99079	-75.3824
23357	776	316	16125199	149385	6.226	0.058	37.75565	-75.676
23358	152	119	14412743	8667880	5.565	3.347	37.65662	-75.8627
23359	776	374	38751873	113231	14.962	0.044	37.88495	-75.588
23389	137	103	1504845	378123	0.581	0.146	37.66051	-75.8348
23395	645	1177	33159805	1782437	12.803	0.688	37.97596	-75.461
23398	153	144	10398415	3193677	4.015	1.233	37.51613	-75.9441
23401	212	112	5812909	0	2.244	0	37.62749	-75.7794
23405	973	605	70720760	22534421	27.305	8.701	37.41157	-75.9222
23407	411	166	16359165	467618	6.316	0.181	37.84096	-75.5788
23408	77	48	4720356	33865	1.823	0.013	37.45291	-75.8435
23409	84	49	21006112	3025295	8.111	1.168	37.88762	-75.6629
23410	2015	997	74934072	2001556	28.932	0.773	37.63784	-75.7369
23413	840	462	32647917	2607426	12.605	1.007	37.47285	-75.8578
23414	100	46	3766302	8154	1.454	0.003	37.80681	-75.5799
23415	1893	937	76578183	1832141	29.567	0.707	37.96955	-75.5347
23416	356	169	14099875	0	5.444	0	37.93377	-75.5634
23417	4047	2352	1.28E+08	1.03E+08	49.342	39.633	37.75905	-75.7838
23418	863	465	25824321	646250	9.971	0.25	37.66687	-75.6872
23420	2376	1172	83980981	11570442	32.425	4.467	37.58447	-75.8151
23421	4255	1965	83707362	14345029	32.32	5.539	37.76462	-75.6116
23422	278	142	10822531	472192	4.179	0.182	37.63539	-75.8227
23423	344	265	88097659	85378992	34.015	32.965	37.5253	-75.7143
23426	225	133	13478987	4490568	5.204	1.734	37.9241	-75.6895
23427	243	181	12991465	36229390	5.016	13.988	37.93893	-75.7205
23430	17281	7104	2.6E+08	70720995	100.542	27.306	37.00126	-76.6559
23432	1538	669	34273725	5395409	13.233	2.083	36.87631	-76.5539
23433	1218	543	4401701	15294692	1.7	5.905	36.91807	-76.4629

23434	47670	18973	5.27E+08	21221835	203.403	8.194	36.703	-76.5921
23435	27053	9937	1.02E+08	26047511	39.551	10.057	36.84146	-76.4848
23436	942	382	4087121	2625108	1.578	1.014	36.8946	-76.5051
23437	4283	1777	2.58E+08	4324429	99.629	1.67	36.62712	-76.8032
23438	1818	733	1.06E+08	0	41.064	0	36.58141	-76.6969
23440	727	377	4629052	1753435	1.787	0.677	37.82906	-75.9841
23441	171	80	1607058	0	0.62	0	37.71027	-75.6997
23442	1059	496	34581394	143220	13.352	0.055	37.90476	-75.5754
23451	41544	23513	47651742	6061743	18.398	2.34	36.86741	-76.0072
23452	59321	23662	37917640	6277024	14.64	2.424	36.84576	-76.0928
23453	35960	12701	23841380	187852	9.205	0.073	36.78365	-76.0718
23454	60283	24246	79273283	8623447	30.608	3.33	36.81805	-76.0308
23455	47938	20439	41758611	8413397	16.123	3.248	36.8918	-76.1466
23456	51748	18247	1.31E+08	7639834	50.595	2.95	36.73654	-76.0355
23457	4289	1656	1.77E+08	87967987	68.278	33.965	36.61275	-76.0241
23459	1091	270	3533561	0	1.364	0	36.9248	-76.0187
23460	1201	0	562519	0	0.217	0	36.80798	-76.0284
23461	287	0	157396	0	0.061	0	36.7754	-75.9633
23462	61973	26087	30327788	741112	11.71	0.286	36.83731	-76.1505
23464	72359	27058	43436767	2781220	16.771	1.074	36.79702	-76.1877
23480	328	286	5001165	147265	1.931	0.057	37.61871	-75.6907
23486	140	81	1001782	191791	0.387	0.074	37.51317	-75.8139
23487	6298	2579	2.44E+08	3651521	94.104	1.41	36.84737	-76.725
23488	201	90	18836359	2593912	7.273	1.002	37.9475	-75.5985
23502	20678	8440	26178732	2224592	10.108	0.859	36.86094	-76.2049
23503	30856	15006	13392436	6563183	5.171	2.534	36.9491	-76.2665
23504	23483	8789	10749172	895970	4.15	0.346	36.8573	-76.2656
23505	28503	13097	16624796	2600339	6.419	1.004	36.9136	-76.2889
23507	25818	3535	2300013	270940	0.888	0.105	36.86456	-76.3032
23508	20263	6696	9113420	5500052	3.519	2.124	36.88489	-76.3103
23509	12817	5459	6649454	988850	2.567	0.382	36.8824	-76.264
23510	7031	3557	2913325	1008819	1.125	0.39	36.85212	-76.2917
23511	2457	141	14240854	7561749	5.498	2.92	36.91223	-76.3258
23513	29595	12341	13297095	0	5.134	0	36.88992	-76.2386
23517	4484	2502	2067449	0	0.798	0	36.86968	-76.2926
23518	28095	12581	16171981	1903938	6.244	0.735	36.91612	-76.2154
23523	7793	2874	5597063	1932118	2.161	0.746	36.83239	-76.2721
23551	930	0	875503	0	0.338	0	36.92405	-76.2886
23601	25127	11500	19354371	22365038	7.473	8.635	37.03802	-76.4766
23602	39676	16806	34597719	2475190	13.358	0.956	37.11342	-76.5179
23603	3899	1499	18758267	939165	7.243	0.363	37.19106	-76.5645
23604	5720	899	31356474	3598570	12.107	1.389	37.10503	-76.5748
23605	13854	6683	9731056	7738	3.757	0.003	37.01844	-76.4363
23606	29283	12297	24275625	27184994	9.373	10.496	37.06435	-76.5199
23607	24519	10689	15085852	40977123	5.825	15.821	36.97175	-76.4244
23608	42917	17619	27721745	556680	10.703	0.215	37.14781	-76.543
23651	696	329	1987424	5748516	0.767	2.22	37.00782	-76.3043

23661	14113	6337	12171471	68255	4.699	0.026	37.0093	-76.3862
23662	12150	4726	39669842	17787850	15.317	6.868	37.13332	-76.353
23663	14495	5837	7196095	889872	2.778	0.344	37.03244	-76.3149
23664	10194	4799	13540727	7555325	5.228	2.917	37.07837	-76.2898
23665	5120	1466	14334885	5481617	5.535	2.116	37.0845	-76.3655
23666	49825	22464	51259800	1919283	19.792	0.741	37.05814	-76.4066
23669	43148	17882	32277210	5224918	12.462	2.017	37.05028	-76.3429
23690	3032	1176	19643435	4908289	7.584	1.895	37.2224	-76.5171
23691	127	35	4727685	286262	1.825	0.111	37.25525	-76.5494
23692	18846	7824	59070108	24017597	22.807	9.273	37.19244	-76.4636
23693	23292	8745	35020571	2121454	13.522	0.819	37.12307	-76.4471
23696	3669	1481	14542700	5231392	5.615	2.02	37.19159	-76.4211
23701	25161	10336	19583028	1878083	7.561	0.725	36.8129	-76.3711
23702	11424	4954	6558890	44876	2.532	0.017	36.79893	-76.3296
23703	25739	10536	36651966	25537660	14.151	9.86	36.89334	-76.3733
23704	18716	8682	13103745	1956541	5.059	0.755	36.82419	-76.3102
23707	14236	6298	10441673	3816519	4.032	1.474	36.8423	-76.3396
23708	181	0	427395	642561	0.165	0.248	36.84953	-76.3052
23709	78	0	393269	0	0.152	0	36.81275	-76.3055
23801	3393	866	16380888	0	6.325	0	37.23555	-77.3354
23803	40542	18437	1.87E+08	4780202	72.223	1.846	37.20916	-77.4975
23805	19490	8723	1.9E+08	969011	73.303	0.374	37.13854	-77.4035
23806	2251	1	431312	0	0.167	0	37.23861	-77.4182
23821	1597	820	1.68E+08	259101	64.945	0.1	36.88368	-77.912
23824	7214	3374	4.59E+08	3735547	177.116	1.442	37.08558	-77.9722
23827	1443	681	1.33E+08	192431	51.331	0.074	36.61231	-77.1969
23828	395	180	91519492	95532	35.336	0.037	36.58156	-77.2784
23829	2622	541	2.12E+08	818284	81.835	0.316	36.73267	-77.2174
23830	1491	638	1.21E+08	496162	46.535	0.192	37.01696	-77.3951
23831	33079	13140	62332748	632364	24.067	0.244	37.34625	-77.4506
23832	33739	11953	1.02E+08	1149977	39.48	0.444	37.38786	-77.5921
23833	2297	970	1.48E+08	5248127	57.122	2.026	37.20774	-77.6734
23834	25612	10934	58486879	2094785	22.582	0.809	37.29058	-77.4041
23836	11444	4674	65582986	5206367	25.322	2.01	37.34523	-77.3467
23837	4298	1817	2.75E+08	1219357	106.118	0.471	36.74958	-77.0842
23838	15341	5586	2.59E+08	6757195	99.935	2.609	37.31921	-77.6332
23839	741	347	64837990	119750	25.034	0.046	37.07982	-76.9206
23840	1858	754	1.24E+08	170124	47.746	0.066	37.06533	-77.666
23841	3479	1440	1.89E+08	617090	73.135	0.238	37.04804	-77.5439
23842	6906	2746	3.38E+08	2501511	130.555	0.966	37.13169	-77.2219
23843	654	354	76240960	118473	29.437	0.046	36.84616	-77.8221
23844	788	364	1.17E+08	576254	45.138	0.222	36.68003	-77.3265
23845	356	253	35360099	453591	13.653	0.175	36.57882	-77.9776
23846	933	397	1.11E+08	586539	42.815	0.226	37.0666	-76.834
23847	16962	6092	7.28E+08	3903235	281	1.507	36.67026	-77.5503
23850	1051	477	1.3E+08	563410	50.188	0.218	37.22052	-77.7653
23851	13715	6088	2.76E+08	5536617	106.744	2.138	36.65598	-76.9507

23856	1033	529	1.21E+08	679351	46.656	0.262	36.78401	-77.7023
23857	525	388	38936391	943813	15.033	0.364	36.58465	-77.8838
23860	31970	12050	1.3E+08	25550379	50.372	9.865	37.27203	-77.2254
23866	2237	977	2.25E+08	2609408	87.06	1.007	36.92368	-76.8624
23867	2189	1089	2.39E+08	915020	92.288	0.353	36.8166	-77.4816
23868	7367	2503	3.14E+08	502004	121.267	0.194	36.72201	-77.8174
23872	2376	1038	2.49E+08	216600	95.958	0.084	36.98799	-77.7188
23874	1004	463	1.04E+08	124248	40.128	0.048	36.60896	-77.0857
23875	10878	4477	90940482	1216413	35.112	0.47	37.21976	-77.2674
23876	456	237	93051886	131898	35.928	0.051	36.95575	-77.8336
23878	1118	502	1.02E+08	754117	39.419	0.291	36.82502	-77.0256
23879	679	344	87220671	315883	33.676	0.122	36.59236	-77.5969
23881	2176	1096	3.1E+08	43775046	119.618	16.902	37.1799	-76.9784
23882	2516	1232	4.15E+08	1902221	160.263	0.734	36.92617	-77.4217
23883	2551	1227	1.48E+08	47271650	57.145	18.252	37.13613	-76.7358
23884	93	6	917010	0	0.354	0	36.91723	-77.2794
23885	2807	1138	87893350	2906961	33.936	1.122	37.19029	-77.5727
23887	574	611	52880790	2477289	20.417	0.956	36.57336	-77.8169
23888	2275	1093	2.26E+08	1327201	87.192	0.512	36.94963	-76.975
23889	581	276	87232081	225492	33.68	0.087	36.90011	-77.7459
23890	4249	1946	5.08E+08	2473449	196.183	0.955	37.00918	-77.1183
23891	2358	1	5994504	0	2.314	0	37.05082	-77.2124
23893	454	227	67086614	80981	25.902	0.031	36.64407	-77.9208
23894	673	301	83786376	146963	32.35	0.057	37.12221	-77.8208
23897	595	313	1.54E+08	699267	59.4	0.27	36.8291	-77.2835
23898	2223	897	1.29E+08	830372	49.629	0.321	36.83438	-76.8614
23899	351	207	6488768	3830182	2.505	1.479	37.23364	-76.9659
23901	16399	6858	5.19E+08	6804904	200.285	2.627	37.3211	-78.4211
23909	2027	0	99065	0	0.038	0	37.30058	-78.3966
23915	1220	347	84797987	213608	32.741	0.082	36.69387	-78.2875
23917	3684	1890	2.81E+08	69198981	108.464	26.718	36.62555	-78.3449
23919	2666	2857	84561295	9101951	32.649	3.514	36.59467	-78.1326
23920	3489	1686	3.15E+08	121697	121.735	0.047	36.72452	-77.9753
23921	1991	1045	2.09E+08	1205704	80.813	0.466	37.58633	-78.6235
23922	3785	1014	1.76E+08	419392	67.867	0.162	37.18551	-78.2164
23923	2592	1263	2.3E+08	449392	88.703	0.174	37.08713	-78.6498
23924	6232	3114	3.56E+08	465470	137.412	0.18	36.80799	-78.4284
23927	4381	3330	1.96E+08	52938939	75.607	20.44	36.5875	-78.5646
23930	5690	2670	2.77E+08	1291021	107.077	0.498	37.171	-78.0996
23934	681	338	93122438	462805	35.955	0.179	37.17715	-78.6267
23936	8212	2820	5.66E+08	2587552	218.444	0.999	37.53406	-78.4768
23937	1970	974	1.89E+08	792432	72.843	0.306	36.94514	-78.5125
23938	407	208	51244920	135064	19.786	0.052	36.90531	-77.992
23942	1112	554	1.53E+08	861740	59.084	0.333	37.13437	-78.2892
23943	225	42	690570	13988	0.267	0.005	37.24555	-78.4537
23944	4261	2134	3.63E+08	522419	140.095	0.202	36.91505	-78.1383
23947	4293	2133	3.45E+08	714864	133.324	0.276	37.03109	-78.4447

23950	3348	1573	1.58E+08	205064	61.067	0.079	36.65897	-78.0757
23952	217	105	34232250	29553	13.217	0.011	36.92994	-78.2919
23954	2017	973	1.65E+08	244561	63.552	0.094	37.10495	-78.3789
23958	3170	1536	2.53E+08	970426	97.811	0.375	37.26489	-78.6596
23959	1264	614	1.52E+08	45222	58.582	0.017	37.10519	-78.7947
23960	1990	890	1.11E+08	611923	43.005	0.236	37.31367	-78.561
23962	670	342	1.22E+08	1863429	47.257	0.719	37.00466	-78.7393
23963	587	264	56495512	20696	21.813	0.008	37.20106	-78.7983
23964	1138	612	1.14E+08	1961158	44.083	0.757	36.77243	-78.6271
23966	2337	1047	1.38E+08	2708141	53.38	1.046	37.29385	-78.2707
23967	1118	581	1.23E+08	219696	47.42	0.085	36.91312	-78.6366
23968	837	464	81966746	151361	31.648	0.058	36.72526	-78.5285
23970	8254	3918	3.14E+08	1003281	121.239	0.387	36.7505	-78.1908
23974	5012	1965	2.55E+08	478976	98.319	0.185	36.97046	-78.2553
23976	230	137	19915591	36904	7.689	0.014	36.84443	-78.5853
24011	219	153	444735	909	0.172	0	37.27085	-79.9415
24012	29015	13586	52860333	124485	20.409	0.048	37.30839	-79.9004
24013	8684	3609	5854429	122353	2.26	0.047	37.2665	-79.9231
24014	16570	8335	74151426	580750	28.63	0.224	37.22166	-79.9144
24015	15255	7799	11667524	99090	4.505	0.038	37.25676	-79.9813
24016	9047	4751	8409197	113843	3.247	0.044	37.27344	-79.9547
24017	23392	10877	23224281	93911	8.967	0.036	37.29765	-79.991
24018	36432	16867	1.18E+08	209169	45.409	0.081	37.21278	-80.0412
24019	26502	11276	80114031	1052941	30.932	0.407	37.34652	-79.9536
24020	455	34	708517	0	0.274	0	37.35822	-79.9442
24053	2715	1452	1.42E+08	113342	54.95	0.044	36.60723	-80.5341
24054	6797	3171	2.79E+08	541115	107.559	0.209	36.67395	-79.7041
24055	13674	6652	2.25E+08	2151364	86.904	0.831	36.75617	-79.9976
24058	324	160	6065190	414066	2.342	0.16	37.17666	-80.6223
24059	872	420	61294393	86092	23.666	0.033	37.16377	-80.1304
24060	53311	20255	3.43E+08	2094392	132.619	0.809	37.25608	-80.422
24064	4963	2070	85043782	35505	32.836	0.014	37.37602	-79.7704
24065	6141	2771	2.21E+08	342174	85.333	0.132	37.11725	-79.9975
24066	4883	2387	4.16E+08	3423150	160.646	1.322	37.53705	-79.681
24067	2230	1067	1.45E+08	162044	56.171	0.063	37.03167	-80.0609
24069	1879	884	85856363	729358	33.149	0.282	36.57782	-79.6405
24070	1363	608	1.5E+08	247463	57.794	0.096	37.35622	-80.2258
24072	1298	605	71943295	14913	27.777	0.006	37.04198	-80.2424
24073	29793	13314	2.3E+08	641325	88.745	0.248	37.13245	-80.4249
24076	972	517	93110822	12157	35.95	0.005	36.60519	-80.421
24077	932	447	2095509	21124	0.809	0.008	37.36621	-79.904
24078	7115	3559	17930807	59377	6.923	0.023	36.72061	-79.9002
24079	1766	946	1E+08	79335	38.644	0.031	37.05663	-80.1609
24082	419	182	19372549	21262	7.48	0.008	36.62147	-80.1121
24083	2587	1172	20676492	517037	7.983	0.2	37.40517	-79.9202
24084	11304	5188	3.06E+08	6276571	118.18	2.423	37.12795	-80.8457
24085	2182	1295	4.55E+08	4862787	175.643	1.878	37.67937	-79.8215

24086	210	112	16495460	337636	6.369	0.13	37.27558	-80.6322
24087	3914	1707	1.19E+08	583684	45.961	0.225	37.21401	-80.2568
24088	5408	2359	3.04E+08	5716726	117.208	2.207	36.8879	-80.0779
24089	2640	1327	29158110	21879	11.258	0.008	36.70852	-79.9716
24090	4781	2057	2.46E+08	826008	94.967	0.319	37.5217	-79.8866
24091	7215	3650	4.53E+08	1476504	174.797	0.57	36.92028	-80.3296
24092	3063	1473	92066535	1508102	35.547	0.582	37.01203	-79.7579
24093	192	97	13390572	2106942	5.17	0.813	37.38518	-80.8688
24095	4677	2177	65352262	3958510	25.233	1.528	37.22321	-79.7373
24101	6132	2942	1.44E+08	4342015	55.469	1.676	37.17227	-79.799
24102	1697	1039	83092391	3592909	32.082	1.387	36.83729	-79.9983
24104	3469	2608	1.94E+08	20058757	74.787	7.745	37.13305	-79.49
24105	500	267	55572380	1924	21.457	0.001	36.91156	-80.6037
24112	32646	16192	3.93E+08	2226623	151.691	0.86	36.72155	-79.8494
24120	1860	1288	1.86E+08	683357	71.721	0.264	36.69164	-80.4139
24121	10501	7241	2.46E+08	27327991	94.904	10.551	37.16888	-79.6472
24122	1683	778	74442010	28589	28.742	0.011	37.4262	-79.6921
24124	4352	2057	1.87E+08	2389628	72.347	0.923	37.3112	-80.8545
24127	4261	2298	6.23E+08	2215563	240.547	0.855	37.47313	-80.2317
24128	1872	949	1.87E+08	714350	72.081	0.276	37.33999	-80.4825
24130	8	15	5889885	145801	2.274	0.056	37.60976	-80.0024
24131	140	104	1.12E+08	300319	43.168	0.116	37.57031	-80.2327
24132	460	241	30363363	1079306	11.723	0.417	37.20379	-80.6592
24133	2626	1340	1.12E+08	0	43.284	0	36.66971	-80.1344
24134	5741	2665	2.66E+08	2923543	102.627	1.129	37.24792	-80.7776
24136	3393	1671	1.26E+08	2114727	48.788	0.817	37.33185	-80.6016
24137	2582	2290	1.92E+08	11445192	74.247	4.419	36.92776	-79.6533
24138	1613	699	70079183	13331	27.058	0.005	37.04284	-80.3064
24139	575	394	63379847	4171462	24.471	1.611	37.01317	-79.4811
24141	20668	9967	1.65E+08	8431073	63.829	3.255	37.09614	-80.5687
24142	2470	0	257345	0	0.099	0	37.13788	-80.5509
24147	1201	541	16793566	1131108	6.484	0.437	37.40149	-80.8236
24148	8013	3853	1.85E+08	589071	71.273	0.227	36.5798	-79.878
24149	3339	1516	1.38E+08	1034072	53.127	0.399	37.02165	-80.4292
24150	693	436	1.45E+08	509479	55.801	0.197	37.4066	-80.6026
24151	20000	9057	4.21E+08	2798229	162.515	1.08	36.95402	-79.8652
24153	37761	15939	2.72E+08	2057009	105.02	0.794	37.30244	-80.1147
24161	471	288	68494290	1590946	26.446	0.614	36.97809	-79.5291
24162	2421	1123	1.21E+08	410744	46.693	0.159	37.12945	-80.2497
24165	1613	822	1.12E+08	0	43.388	0	36.58488	-80.0519
24167	345	157	13738803	67151	5.305	0.026	37.25526	-80.7245
24168	187	102	2567395	0	0.991	0	36.73475	-79.9465
24171	8250	4362	5.17E+08	1270993	199.69	0.491	36.67194	-80.239
24174	2539	1200	88498862	63805	34.17	0.025	37.35172	-79.6731
24175	8818	3645	1.86E+08	589119	71.963	0.227	37.42796	-79.9397
24176	1360	1300	56942013	9057733	21.985	3.497	37.00593	-79.6918
24179	18616	8318	1.22E+08	1050818	47.296	0.406	37.29504	-79.8105

24184	4705	2408	1.11E+08	6015472	42.826	2.323	37.0903	-79.7796
24185	854	503	97665409	0	37.709	0	36.81159	-80.2692
24201	17116	8469	26832166	147757	10.36	0.057	36.61072	-82.1701
24202	12905	5916	3.3E+08	898731	127.497	0.347	36.65631	-82.2122
24210	16840	7966	3.66E+08	1420855	141.375	0.549	36.76888	-82.028
24211	9922	4730	1.83E+08	7515282	70.689	2.902	36.65409	-81.9551
24216	2939	1436	1.75E+08	475696	67.435	0.184	36.9483	-82.7994
24217	406	224	52849306	126283	20.405	0.049	37.08485	-82.1785
24219	11265	4652	1.89E+08	1132246	72.824	0.437	36.84944	-82.7585
24220	895	404	64479391	117064	24.896	0.045	37.14388	-82.2443
24221	938	552	1.32E+08	33146	50.958	0.013	36.62533	-82.9991
24224	6734	3114	2.81E+08	1650063	108.588	0.637	36.86143	-82.2718
24225	1697	862	1.49E+08	1339267	57.512	0.517	36.99191	-82.1427
24226	1433	720	69341077	339374	26.773	0.131	37.14042	-82.3204
24228	7016	3423	2.41E+08	4370827	92.964	1.688	37.16709	-82.4565
24230	9597	4386	3.33E+08	1252268	128.512	0.484	36.95655	-82.454
24236	3085	1655	1.46E+08	667917	56.498	0.258	36.65253	-81.7465
24237	1192	625	1.48E+08	173760	57.132	0.067	37.03616	-82.2619
24239	113	65	7174704	25421	2.77	0.01	37.11768	-82.1485
24243	2222	943	58015656	534715	22.4	0.206	36.7731	-82.926
24244	5723	2828	4.41E+08	1318885	170.354	0.509	36.72377	-82.7823
24245	1129	640	1.34E+08	950941	51.874	0.367	36.83801	-82.5128
24246	455	202	1271674	7137	0.491	0.003	36.86581	-82.7456
24248	2596	1283	1.36E+08	251566	52.396	0.097	36.62536	-83.5146
24250	1319	703	1.36E+08	1075236	52.583	0.415	36.75673	-82.5965
24251	8773	4417	3.07E+08	2160751	118.499	0.834	36.65585	-82.6062
24256	3491	1590	1.51E+08	2851630	58.166	1.101	37.21631	-82.2868
24258	1624	807	1.08E+08	1048081	41.531	0.405	36.64537	-82.422
24260	5734	2686	2.05E+08	791053	79.053	0.305	37.03073	-82.0148
24263	7950	3185	3.14E+08	1657251	121.142	0.64	36.66823	-83.1474
24265	930	441	1.02E+08	950070	39.23	0.367	36.83189	-82.9458
24266	9521	4427	3.14E+08	1573446	121.234	0.608	36.85875	-82.121
24269	324	158	19844121	3544	7.662	0.001	37.07277	-82.3807
24270	582	305	55449140	809010	21.409	0.312	36.72964	-82.2507
24271	2689	1405	1.63E+08	807435	62.984	0.312	36.74913	-82.4164
24272	527	255	54153359	38328	20.909	0.015	37.01389	-82.3148
24273	6262	3013	1.64E+08	608969	63.287	0.235	36.96472	-82.6616
24277	5849	2868	1.37E+08	901861	52.876	0.348	36.74479	-83.0384
24279	5541	2197	2.09E+08	1191691	80.694	0.46	37.07771	-82.6275
24280	823	363	27360425	65645	10.564	0.025	36.95608	-81.9233
24281	2487	1272	1.42E+08	338119	54.979	0.131	36.63732	-83.3402
24282	727	367	40843322	31396	15.77	0.012	36.81866	-83.0546
24283	2171	1053	66190378	401653	25.556	0.155	36.94565	-82.3493
24290	1874	956	12827324	347575	4.953	0.134	36.6127	-82.5679
24292	535	341	69448171	20708	26.814	0.008	36.61769	-81.5781
24293	10791	4665	1.52E+08	884977	58.506	0.342	37.0041	-82.5507
24301	14366	7053	2.08E+08	4417394	80.228	1.706	37.06771	-80.8107

24311	1977	972	1.05E+08	19768	40.538	0.008	36.87419	-81.422
24312	2401	1199	96550195	2020453	37.278	0.78	36.83298	-80.8871
24313	884	400	18498985	78123	7.142	0.03	36.90989	-80.82
24314	1560	763	2.28E+08	785933	88.217	0.303	37.14784	-81.2284
24315	3774	1592	4.72E+08	1387999	182.371	0.536	37.13084	-81.0741
24316	50	20	10559708	54822	4.077	0.021	36.95571	-81.669
24317	3858	1995	97368475	147742	37.594	0.057	36.60117	-80.6713
24318	639	442	1.73E+08	147241	66.909	0.057	36.99596	-81.3871
24319	6979	3144	2.08E+08	623270	80.392	0.241	36.74519	-81.655
24322	174	98	34902108	207486	13.476	0.08	36.79885	-81.1137
24323	644	314	48583069	39679	18.758	0.015	36.86648	-81.1854
24324	2013	1050	90587943	2773681	34.976	1.071	36.97431	-80.7769
24325	1039	813	1.35E+08	701700	52.169	0.271	36.80183	-80.5916
24326	1058	752	1.41E+08	50278	54.397	0.019	36.72985	-81.2022
24328	1726	1610	97319163	132779	37.575	0.051	36.64536	-80.7008
24330	3401	1913	1.08E+08	2039480	41.527	0.787	36.7258	-81.0207
24333	17996	8879	3.73E+08	4839492	144.174	1.869	36.63998	-80.9348
24340	5657	2608	1.53E+08	582217	58.932	0.225	36.75326	-81.7679
24343	9267	4883	3.43E+08	1510220	132.493	0.583	36.77041	-80.6909
24347	1931	1094	2.06E+08	4559260	79.373	1.76	36.96087	-80.6525
24348	3958	2388	2.75E+08	2987504	106.111	1.153	36.64157	-81.1991
24350	1261	653	1.23E+08	1849610	47.461	0.714	36.81331	-80.9942
24351	668	345	29534821	32801	11.403	0.013	36.57943	-80.7651
24352	890	565	74452707	277639	28.746	0.107	36.70901	-80.5312
24354	15315	7295	2.75E+08	1113841	106.126	0.43	36.82935	-81.5397
24360	6169	2737	2.21E+08	2396957	85.195	0.925	36.9329	-80.8969
24361	5431	2185	1.45E+08	894547	56.168	0.345	36.76727	-81.8453
24363	1365	908	1.95E+08	1616134	75.47	0.624	36.61664	-81.4052
24366	781	415	70904249	30307	27.376	0.012	37.25948	-81.1186
24368	4953	2303	2.14E+08	486705	82.755	0.188	36.88803	-81.3025
24370	6572	3146	3.9E+08	2046542	150.514	0.79	36.91147	-81.6898
24374	787	393	74967409	240084	28.945	0.093	36.79219	-81.2102
24375	1611	991	1.59E+08	142279	61.558	0.055	36.76893	-81.3878
24377	348	220	91483456	81021	35.322	0.031	37.0003	-81.5741
24378	1229	826	2.12E+08	131139	81.993	0.051	36.68669	-81.4434
24380	2639	1349	2.19E+08	52869	84.398	0.02	36.8597	-80.5088
24381	3816	1955	1.34E+08	1024757	51.732	0.396	36.72999	-80.8407
24382	14366	7189	5.18E+08	1172485	200.192	0.453	36.96002	-81.1014
24401	35499	17005	3.45E+08	1455093	133.241	0.562	38.1344	-79.0855
24411	112	50	1082560	0	0.418	0	38.10513	-79.3112
24412	131	73	6793367	34873	2.623	0.013	38.05384	-79.8159
24413	178	140	1.04E+08	99105	40.279	0.038	38.54351	-79.5981
24415	41	25	520770	0	0.201	0	37.925	-79.3171
24416	8807	3887	1.44E+08	693440	55.58	0.268	37.7225	-79.3609
24421	3868	1678	1.98E+08	397546	76.555	0.153	38.24479	-79.2452
24422	6315	3270	2.16E+08	1544607	83.333	0.596	37.8304	-79.7588
24426	14329	7110	8.62E+08	7124886	332.742	2.751	37.76352	-80.0849

24430	2643	718	91307847	93843	35.254	0.036	38.08698	-79.3558
24431	2656	1137	36805475	261333	14.211	0.101	38.17001	-78.8428
24432	336	221	1.3E+08	480223	50.291	0.185	38.148	-79.4434
24433	99	59	38644107	5783	14.921	0.002	38.42342	-79.4242
24435	1925	913	80997302	67376	31.273	0.026	37.87264	-79.3019
24437	904	374	34514971	169353	13.326	0.065	38.22081	-78.9355
24439	1253	733	2.45E+08	3024559	94.764	1.168	37.99381	-79.4893
24440	2916	1108	71846580	256698	27.74	0.099	37.99925	-79.1654
24441	6140	2569	1.14E+08	1078475	44.159	0.416	38.22607	-78.8249
24442	120	144	1.25E+08	143750	48.413	0.056	38.37254	-79.3846
24445	2673	1590	2.75E+08	624983	105.993	0.241	37.94223	-79.8919
24448	376	177	794329	48395	0.307	0.019	37.79711	-79.7885
24450	16741	7382	5.33E+08	2392256	205.794	0.924	37.77899	-79.5266
24457	270	140	18604298	100094	7.183	0.039	37.76457	-79.9413
24458	442	370	2.25E+08	532791	86.771	0.206	38.31616	-79.5278
24459	818	408	1.31E+08	59618	50.58	0.023	38.02084	-79.2923
24460	1530	1090	6.37E+08	3410482	245.883	1.317	38.01988	-79.6565
24464	213	213	58683500	39401	22.658	0.015	37.87493	-79.0939
24465	1382	1001	4.54E+08	891731	175.474	0.344	38.38457	-79.6478
24467	2212	918	60984718	378731	23.546	0.146	38.25499	-78.9713
24471	1355	598	41973423	781509	16.206	0.302	38.31321	-78.7842
24472	2271	1092	1.66E+08	232159	63.955	0.09	37.94133	-79.2081
24473	922	534	1.4E+08	677349	54.076	0.262	37.93473	-79.4154
24474	544	246	1664940	66732	0.643	0.026	37.80561	-79.8455
24476	280	129	18199989	17677	7.027	0.007	37.97453	-79.2273
24477	10573	4539	1.26E+08	853765	48.532	0.33	38.00488	-79.0422
24479	1537	709	1.57E+08	421885	60.519	0.163	38.16394	-79.239
24482	4872	1840	39713881	696628	15.334	0.269	38.20594	-78.9967
24483	587	381	1.86E+08	312259	71.985	0.121	37.81233	-79.2306
24484	741	643	4.61E+08	9822651	178.088	3.793	38.16056	-79.7841
24485	389	297	2.19E+08	380741	84.687	0.147	38.2676	-79.333
24486	3490	1328	59097941	528480	22.818	0.204	38.29689	-78.9245
24487	320	262	1.85E+08	465235	71.531	0.18	38.19337	-79.583
24501	26757	11838	99789009	478541	38.529	0.185	37.35961	-79.1417
24502	43426	17489	71834485	513835	27.735	0.198	37.3604	-79.2216
24503	19331	8724	1.08E+08	2164556	41.824	0.836	37.45402	-79.2497
24504	9777	4586	83163981	1039670	32.11	0.401	37.36525	-79.0482
24517	5693	2688	93328821	932186	36.034	0.36	37.14758	-79.2372
24520	2450	1200	2.4E+08	1908315	92.774	0.737	36.59246	-79.0324
24521	10576	4767	6E+08	2595581	231.596	1.002	37.63262	-79.1009
24522	9213	4276	5.1E+08	1193526	197.003	0.461	37.37681	-78.7788
24523	18952	8760	5.84E+08	1937112	225.318	0.748	37.34479	-79.5239
24526	1593	780	1.69E+08	1853100	65.269	0.715	37.54366	-79.4068
24527	3027	1326	81781794	763854	31.576	0.295	36.73677	-79.3417
24528	3200	1615	2.54E+08	1394793	97.959	0.539	37.07969	-78.8762
24529	1724	994	96753420	7323640	37.357	2.828	36.62662	-78.6468
24530	1088	591	90877335	240639	35.088	0.093	36.80677	-79.6192

24531	9203	4596	5.11E+08	3192831	197.483	1.233	36.84226	-79.4534
24534	1740	956	1.5E+08	543135	57.847	0.21	36.8674	-78.7705
24536	194	99	15258290	177226	5.891	0.068	37.49569	-79.3265
24538	4742	2097	2.38E+08	1345198	92.072	0.519	37.34526	-78.9623
24539	134	86	19610518	11269	7.572	0.004	36.85459	-78.9145
24540	32170	15757	1.97E+08	1237096	76.044	0.478	36.63451	-79.4268
24541	28221	14651	1.89E+08	2769011	73.001	1.069	36.58882	-79.5151
24549	4292	1964	1.32E+08	286162	51.056	0.11	36.714	-79.5052
24550	7258	3126	1.69E+08	589257	65.098	0.228	37.23946	-79.2464
24551	20667	8302	1.76E+08	1000787	68.136	0.386	37.35634	-79.3244
24553	1902	969	3.28E+08	5417328	126.585	2.092	37.54843	-78.8128
24554	3995	1876	3.06E+08	1566792	118.044	0.605	37.13484	-79.0699
24555	2140	1044	60247386	768317	23.262	0.297	37.66983	-79.4841
24556	3053	1267	1.11E+08	357589	42.706	0.138	37.37482	-79.3986
24557	7977	4286	4.26E+08	4170535	164.302	1.61	36.96986	-79.3064
24558	6347	3042	2.43E+08	2960358	93.841	1.143	36.77434	-78.954
24562	426	220	46514040	1792744	17.959	0.692	37.69448	-78.6275
24563	5489	2779	1.75E+08	1505326	67.411	0.581	37.0625	-79.2791
24565	1026	656	1.49E+08	1045140	57.448	0.404	36.84858	-79.2007
24566	1402	640	96247594	231153	37.161	0.089	36.73183	-79.2526
24569	1064	489	93707329	1671995	36.181	0.646	37.04258	-79.1258
24570	20	10	2352797	25375	0.908	0.01	37.34646	-79.4245
24571	1979	1054	1.33E+08	3411003	51.308	1.317	37.13296	-79.3727
24572	16395	7016	1.66E+08	5094671	63.938	1.967	37.46494	-79.0951
24574	3977	1714	2.82E+08	3444347	108.831	1.33	37.57615	-79.2534
24577	5239	2775	4.97E+08	2863308	191.989	1.106	36.93735	-78.9826
24578	1056	516	90241052	56521	34.842	0.022	37.65988	-79.5623
24579	1389	681	84903557	1142297	32.781	0.441	37.5858	-79.5027
24580	613	298	53605412	140514	20.697	0.054	36.57905	-78.6731
24581	23	27	11318824	798208	4.37	0.308	37.65529	-78.8058
24586	5562	2618	1.37E+08	619012	53.05	0.239	36.60704	-79.2766
24588	9647	4025	1.88E+08	466399	72.662	0.18	37.26215	-79.0962
24589	2271	1099	2.01E+08	13603900	77.692	5.252	36.76081	-78.758
24590	8074	3549	4.32E+08	6742666	166.636	2.603	37.79642	-78.4903
24592	13934	6707	3.25E+08	3310564	125.609	1.278	36.6758	-78.9656
24593	1963	916	93973327	232057	36.283	0.09	37.32249	-78.9027
24594	1651	816	1.42E+08	629840	54.898	0.243	36.64684	-79.1785
24595	679	74	4771168	56145	1.842	0.022	37.55976	-79.0821
24597	1257	636	1.29E+08	677966	49.679	0.262	36.78251	-79.1095
24598	1984	1034	1.91E+08	3421850	73.86	1.321	36.60467	-78.788
24599	606	330	1.21E+08	920509	46.788	0.355	37.62356	-78.7239
24601	77	55	4958332	0	1.914	0	37.19373	-81.6492
24602	962	456	1.29E+08	2787	49.693	0.001	37.18321	-81.6585
24603	978	499	53375504	315761	20.608	0.122	37.35334	-82.1972
24604	342	176	10567316	3413	4.08	0.001	37.21198	-81.5381
24605	9301	4293	1.25E+08	116297	48.144	0.045	37.25337	-81.3714
24606	170	92	6059118	1162	2.339	0	37.28294	-81.3921

24607	462	220	32879293	28379	12.695	0.011	37.29353	-82.2625
24609	7630	3569	2.69E+08	1971237	103.968	0.761	37.00975	-81.808
24612	229	126	1372079	0	0.53	0	37.09335	-81.8381
24613	911	433	29812404	444710	11.511	0.172	37.26516	-81.3369
24614	8061	3925	3.32E+08	997371	128.046	0.385	37.29865	-82.0711
24620	2774	1344	1.99E+08	257421	76.768	0.099	37.43133	-82.0117
24622	1028	509	1.28E+08	21272	49.425	0.008	37.21478	-81.7895
24628	295	139	16513263	29844	6.376	0.012	37.28236	-82.223
24630	6774	3150	1.7E+08	212262	65.615	0.082	37.17833	-81.4655
24631	2843	1105	1.31E+08	556973	50.602	0.215	37.21731	-81.9905
24634	574	274	37660616	121826	14.541	0.047	37.27681	-81.888
24635	1650	330	15146544	76230	5.848	0.029	37.31245	-81.363
24637	3410	1480	73714394	545873	28.461	0.211	37.06108	-81.7139
24639	3533	1646	1.09E+08	119320	42.123	0.046	37.16038	-81.8882
24641	5953	2934	49392455	151474	19.071	0.058	37.11182	-81.8025
24646	750	372	30470177	4354	11.765	0.002	37.1434	-82.0245
24649	2760	1260	1.15E+08	670222	44.268	0.259	37.06288	-81.8999
24651	6314	3051	4.07E+08	620192	157.063	0.239	37.07553	-81.5031
24656	3404	1724	1.77E+08	202044	68.452	0.078	37.17506	-82.125
24657	321	173	43264321	116777	16.704	0.045	37.22585	-81.8548
24701	20786	10339	1.67E+08	1066700	64.426	0.412	37.30595	-81.2049
24712	2063	731	22924880	97670	8.851	0.038	37.46306	-81.015
24714	257	132	32640588	2981	12.603	0.001	37.47811	-81.1892
24715	594	332	25393556	151828	9.805	0.059	37.34039	-81.3246
24716	508	238	53416359	57219	20.624	0.022	37.48009	-81.3719
24719	223	98	2622539	0	1.013	0	37.48717	-81.3267
24724	66	39	407737	0	0.157	0	37.33088	-81.2998
24726	566	253	95381961	290972	36.827	0.112	37.51475	-81.3521
24729	149	79	12576815	29272	4.856	0.011	37.45395	-81.2575
24731	255	122	3307492	0	1.277	0	37.39797	-81.1511
24733	853	385	15035083	22772	5.805	0.009	37.45077	-81.2052
24736	902	477	74035461	28851	28.585	0.011	37.44427	-81.2775
24737	243	107	270585	3926	0.104	0.002	37.35276	-81.2507
24738	308	145	3281432	53968	1.267	0.021	37.30204	-81.3097
24740	30435	14522	4.15E+08	1525927	160.338	0.589	37.37376	-81.0046
24747	3006	1386	1.03E+08	770979	39.767	0.298	37.38178	-81.309
24801	3858	1940	1.42E+08	208990	54.92	0.081	37.44888	-81.577
24808	675	419	42281851	20280	16.325	0.008	37.33003	-81.4224
24811	599	276	40453363	337194	15.619	0.13	37.39902	-81.7711
24813	511	235	33312873	114761	12.862	0.044	37.35741	-81.7201
24815	559	292	55453464	230470	21.411	0.089	37.24167	-81.6596
24816	151	88	1267333	47087	0.489	0.018	37.4611	-81.7059
24817	954	451	29419425	150492	11.359	0.058	37.35231	-81.8047
24818	1409	618	66405233	280399	25.639	0.108	37.6027	-81.6249
24822	955	425	48091516	533684	18.568	0.206	37.64791	-81.6972
24823	383	176	35309758	30260	13.633	0.012	37.67197	-81.752
24826	150	85	35888742	48345	13.857	0.019	37.29327	-81.6236

24827	1501	618	1.01E+08	105078	38.902	0.041	37.73545	-81.6476
24828	927	430	56806358	202713	21.933	0.078	37.49891	-81.6366
24830	139	111	22332919	8419	8.623	0.003	37.32312	-81.5061
24831	250	119	4553564	503	1.758	0	37.39412	-81.4115
24834	412	190	31842988	125380	12.295	0.048	37.54772	-81.6305
24836	800	417	98388183	255157	37.988	0.099	37.3339	-81.5586
24839	1523	757	1.21E+08	1451939	46.567	0.561	37.56068	-81.7384
24843	158	68	8624445	7818	3.33	0.003	37.48715	-81.7101
24844	1810	909	1.46E+08	792801	56.539	0.306	37.46245	-81.8066
24845	282	155	8626822	0	3.331	0	37.51795	-81.8178
24846	244	117	18536951	426011	7.157	0.164	37.52952	-81.9129
24847	293	138	4626832	51382	1.786	0.02	37.57711	-81.4184
24848	262	152	34460796	45225	13.305	0.017	37.30399	-81.4606
24849	337	157	26914006	97210	10.392	0.038	37.66576	-81.5427
24850	1093	524	39392526	343	15.21	0	37.31765	-81.8454
24851	419	203	1939182	142096	0.749	0.055	37.60137	-81.8337
24853	793	446	56506005	37798	21.817	0.015	37.43545	-81.5117
24854	550	218	15235020	24263	5.882	0.009	37.75368	-81.5559
24857	984	426	21356141	114226	8.246	0.044	37.67251	-81.6603
24860	552	278	15405704	92331	5.948	0.036	37.66017	-81.6076
24861	307	167	10367198	3144	4.003	0.001	37.35095	-81.3631
24862	651	326	27758331	108462	10.718	0.042	37.46918	-81.9646
24866	240	114	26391099	0	10.19	0	37.24813	-81.5803
24867	409	166	34097864	123686	13.165	0.048	37.59627	-81.4445
24868	1686	948	1.05E+08	88286	40.461	0.034	37.43885	-81.391
24869	351	164	11998464	4511	4.633	0.002	37.56266	-81.8381
24870	2874	1308	1.01E+08	415133	38.948	0.16	37.76539	-81.5104
24871	309	141	22651063	116295	8.746	0.045	37.3593	-81.4683
24872	783	391	80236526	308309	30.979	0.119	37.44936	-81.9205
24873	600	331	42773936	4892	16.515	0.002	37.36615	-81.8782
24874	2729	1340	1.71E+08	839200	65.998	0.324	37.56055	-81.5257
24878	337	163	22935941	129415	8.856	0.05	37.43544	-81.6209
24879	657	314	40474688	60821	15.627	0.023	37.3139	-81.7587
24880	356	167	12648685	4322	4.884	0.002	37.65147	-81.5305
24881	601	303	31435371	118199	12.137	0.046	37.43139	-81.6846
24882	483	198	32122520	640061	12.403	0.247	37.6256	-81.766
24884	265	145	57801317	9555	22.317	0.004	37.23327	-81.6056
24887	67	28	7537386	961	2.91	0	37.37335	-81.4042
24888	167	93	14245525	26212	5.5	0.01	37.39279	-81.4833
24892	1513	778	56511082	284834	21.819	0.11	37.32694	-81.6878
24894	388	176	18537728	53677	7.157	0.021	37.27497	-81.7137
24898	198	96	616023	107797	0.238	0.042	37.59382	-81.6103
24901	9128	4696	2.26E+08	1131911	87.2	0.437	37.8557	-80.4517
24910	5383	2449	3.56E+08	1942708	137.529	0.75	37.74595	-80.6563
24915	590	517	1.3E+08	32	50.251	0	38.46567	-79.7776
24916	558	289	43567320	23951	16.821	0.009	37.82857	-80.5811
24918	1677	825	1.13E+08	363615	43.652	0.14	37.5211	-80.7427

24920	346	283	1.82E+08	85431	70.356	0.033	38.58008	-79.7042
24924	512	369	61686939	612715	23.817	0.237	38.20178	-80.1655
24925	935	463	90063531	508615	34.774	0.196	37.71471	-80.3764
24927	365	424	1.04E+08	22909	40.053	0.009	38.37526	-79.9572
24931	1544	732	1.64E+08	213412	63.423	0.082	37.91901	-80.5886
24934	503	542	1.7E+08	140670	65.648	0.054	38.33358	-79.891
24935	688	515	74376165	1205107	28.717	0.465	37.56653	-80.8085
24938	1518	774	71927670	265897	27.771	0.103	37.89349	-80.3872
24941	1059	837	1.83E+08	249009	70.571	0.096	37.58827	-80.3465
24944	401	416	77419563	0	29.892	0	38.38963	-79.7837
24945	393	229	43139377	153007	16.656	0.059	37.54198	-80.6772
24946	1533	1051	4.55E+08	1108762	175.853	0.428	38.18442	-80.2623
24951	1489	695	95170248	28454	36.745	0.011	37.48427	-80.6436
24954	3514	2518	7.37E+08	1982812	284.745	0.766	38.22491	-80.056
24957	346	155	9771661	8148	3.773	0.003	37.88512	-80.4253
24962	186	112	8215584	473410	3.172	0.183	37.66242	-80.7183
24963	4095	2023	1.39E+08	1074210	53.631	0.415	37.43642	-80.7582
24966	1286	847	5.1E+08	3477155	197.017	1.343	38.07772	-80.3621
24970	4575	2273	1.04E+08	1770438	40.327	0.684	37.72809	-80.4745
24974	299	128	18899578	63684	7.297	0.025	37.64006	-80.4493
24976	1005	478	75213290	228341	29.04	0.088	37.65697	-80.5117
24977	441	205	34189769	209649	13.201	0.081	37.89716	-80.6871
24981	631	471	31870452	794954	12.305	0.307	37.6304	-80.737
24983	2443	1448	3.22E+08	504873	124.313	0.195	37.57499	-80.5186
24984	185	509	1.22E+08	137310	46.978	0.053	37.49353	-80.405
24986	5216	3267	5.8E+08	2252767	223.928	0.87	37.92094	-80.1456
24991	521	327	1.23E+08	54846	47.619	0.021	38.02161	-80.4974
25002	112	68	6557573	0	2.532	0	38.13576	-81.2417
25003	2782	1243	92856230	871844	35.852	0.337	38.25235	-81.7848
25005	264	132	19153838	0	7.395	0	38.58344	-81.2564
25007	604	246	13624518	67456	5.26	0.026	37.82484	-81.4305
25008	210	91	29287088	13993	11.308	0.005	37.94707	-81.344
25009	1153	517	74643983	285652	28.82	0.11	38.20236	-81.6844
25011	800	346	1032853	170269	0.399	0.066	38.50858	-81.8394
25015	4691	2277	66515040	2380962	25.682	0.919	38.24614	-81.4973
25019	575	249	58582157	30773	22.619	0.012	38.37163	-81.0689
25021	305	149	17142462	92149	6.619	0.036	37.92198	-81.6805
25022	153	89	91300082	205615	35.251	0.079	37.86034	-81.819
25024	586	252	14864376	74760	5.739	0.029	38.15909	-81.6237
25025	230	102	40129946	2383	15.494	0.001	38.31466	-81.4113
25028	381	167	8289480	62373	3.201	0.024	37.94715	-81.7256
25030	414	205	40193597	138214	15.519	0.053	38.45332	-81.2258
25031	615	342	11863023	353613	4.58	0.137	38.14862	-81.2751
25033	2234	1013	64411946	1941769	24.87	0.75	38.61206	-81.9244
25035	1112	567	29950088	645727	11.564	0.249	38.16524	-81.521
25036	468	209	21553915	32265	8.322	0.012	38.21369	-81.2592
25039	1304	592	66242425	2731	25.576	0.001	38.23496	-81.3632

25040	546	278	1365002	633125	0.527	0.244	38.1265	-81.2351
25043	1659	890	3.09E+08	1908140	119.452	0.737	38.42488	-81.0066
25044	384	173	38017324	166407	14.679	0.064	37.91168	-81.3687
25045	5801	2667	3.74E+08	1737755	144.379	0.671	38.45726	-81.3318
25047	411	181	19726215	168809	7.616	0.065	37.92053	-81.7676
25048	38	23	68930	0	0.027	0	37.94583	-81.4373
25049	630	262	40330045	83833	15.572	0.032	38.11529	-81.5582
25051	164	75	1158527	22453	0.447	0.009	38.15695	-81.7098
25053	4296	1933	1.22E+08	423256	47.033	0.163	38.03679	-81.8789
25054	426	182	43235959	145852	16.693	0.056	38.10739	-81.4886
25057	337	158	2358981	287067	0.911	0.111	38.12038	-81.2534
25059	678	291	27904235	4346	10.774	0.002	38.23494	-81.2089
25060	618	276	64599708	275094	24.942	0.106	37.94454	-81.4273
25061	756	327	26092525	127012	10.074	0.049	38.16518	-81.4365
25062	230	108	8222394	22413	3.175	0.009	37.88031	-81.4327
25063	1797	975	2.25E+08	1155539	86.731	0.446	38.57462	-80.9308
25064	9962	5102	17737460	1146814	6.848	0.443	38.37725	-81.7485
25067	1120	525	14028089	629180	5.416	0.243	38.20154	-81.4429
25070	1683	723	12091749	435180	4.669	0.168	38.54584	-81.9317
25071	11697	5237	2.68E+08	1530387	103.39	0.591	38.47356	-81.4685
25075	976	421	1.41E+08	212648	54.612	0.082	38.05972	-81.4052
25076	298	128	21134306	7238	8.16	0.003	37.86875	-81.9311
25081	1251	498	36452849	1687	14.075	0.001	38.07505	-81.7547
25082	1673	773	1.36E+08	2019207	52.335	0.78	38.60421	-82.031
25083	672	299	72510211	450603	27.996	0.174	38.06989	-81.3678
25085	830	472	35883497	1074790	13.855	0.415	38.17268	-81.2054
25086	928	361	1423150	557551	0.549	0.215	38.20398	-81.4174
25088	164	80	40262267	59423	15.545	0.023	38.3901	-81.2163
25090	203	104	3649430	648645	1.409	0.25	38.15513	-81.221
25093	207	98	19306518	2596	7.454	0.001	37.98308	-81.6695
25102	349	156	2497413	248178	0.964	0.096	38.19102	-81.3748
25103	366	184	10921842	410181	4.217	0.158	38.18078	-81.3812
25106	642	310	42141046	1639932	16.271	0.633	38.78891	-82.084
25107	739	344	79542846	10415	30.712	0.004	38.22975	-81.6216
25108	692	294	18791381	459	7.255	0	37.9736	-81.8812
25109	661	295	2010914	440013	0.776	0.17	38.52676	-81.8519
25110	599	287	57719180	146836	22.286	0.057	38.21843	-81.315
25111	694	322	79522145	124775	30.704	0.048	38.35288	-81.1288
25112	166	0	85139	0	0.033	0	38.38026	-81.7671
25113	957	449	82470156	973551	31.842	0.376	38.55354	-81.0458
25114	557	266	29118534	61561	11.243	0.024	37.98733	-81.7863
25115	90	48	20866626	1301279	8.057	0.502	38.12219	-81.1823
25118	998	462	44089533	54342	17.023	0.021	38.11166	-81.306
25119	444	189	30592880	153993	11.812	0.059	38.04139	-81.2763
25121	972	431	43105563	0	16.643	0	37.91621	-81.8973
25123	3535	1748	3.09E+08	2452979	119.199	0.947	38.73018	-81.9
25124	1214	556	77200736	10851	29.807	0.004	38.62249	-81.7789

25125	1011	462	69717154	8154	26.918	0.003	38.31532	-81.2061
25126	58	33	253087	27817	0.098	0.011	38.20325	-81.3726
25130	3846	1777	58619413	445878	22.633	0.172	38.03302	-81.7523
25132	276	125	47171775	9284	18.213	0.004	38.29378	-81.3443
25133	922	420	41269738	8146	15.934	0.003	38.4771	-81.1451
25134	423	223	19703646	88040	7.608	0.034	38.16281	-81.4906
25136	1798	933	22283481	585035	8.604	0.226	38.15017	-81.3273
25139	440	183	1432286	442737	0.553	0.171	38.13758	-81.2915
25140	1012	520	1.45E+08	389030	56.124	0.15	37.83992	-81.4985
25141	195	98	14837949	1327	5.729	0.001	38.62682	-81.0253
25142	416	190	11030773	42958	4.259	0.017	38.15355	-81.7299
25143	8579	4134	22706211	1828943	8.767	0.706	38.41874	-81.8223
25148	332	145	10032992	168138	3.874	0.065	38.04559	-81.5617
25149	242	116	23073046	135371	8.909	0.052	37.94454	-81.7586
25152	368	173	9158188	15127	3.536	0.006	38.0599	-81.2484
25154	868	379	48020979	116517	18.541	0.045	38.12156	-81.7074
25156	105	64	654477	691475	0.253	0.267	38.18326	-81.3369
25159	5163	2179	91256277	1702120	35.234	0.657	38.52347	-81.7886
25160	303	135	15438225	3124	5.961	0.001	38.28218	-81.2726
25161	369	151	29220522	2927	11.282	0.001	38.05272	-81.3187
25162	571	261	714800	124726	0.276	0.048	38.20756	-81.3873
25164	1257	656	78416863	1182105	30.277	0.456	38.49855	-81.2078
25165	612	289	10343348	122283	3.994	0.047	38.14603	-81.6494
25168	2503	1108	83462079	1134756	32.225	0.438	38.56035	-81.8799
25169	516	217	48945681	8307	18.898	0.003	38.17583	-81.7898
25173	452	211	38768753	57130	14.969	0.022	38.09116	-81.2298
25174	420	177	25581207	40121	9.877	0.015	37.86567	-81.411
25177	24084	11249	77784063	2526382	30.033	0.975	38.36728	-81.8483
25180	83	41	8760874	13141	3.383	0.005	37.79023	-81.4365
25181	1853	810	1.64E+08	630851	63.492	0.244	38.04929	-81.6412
25183	73	29	39482200	138910	15.244	0.054	37.92627	-81.8018
25185	1042	0	178917	0	0.069	0	38.23519	-81.238
25186	881	507	23112924	560772	8.924	0.217	38.18735	-81.2714
25187	719	370	1.06E+08	1231248	40.947	0.475	38.72223	-82.0254
25193	477	239	56064310	236625	21.647	0.091	38.03546	-81.5071
25201	55	29	157383	0	0.061	0	38.33561	-81.4905
25202	1370	548	29583087	403929	11.422	0.156	38.31638	-81.8591
25203	89	31	4120369	0	1.591	0	38.01599	-81.8823
25204	211	122	55997754	118991	21.621	0.046	37.92532	-81.6146
25205	391	160	14304681	45834	5.523	0.018	38.01949	-81.793
25206	601	278	37165595	131706	14.35	0.051	37.99452	-81.697
25208	992	444	1.98E+08	303434	76.457	0.117	37.84932	-81.634
25209	1227	639	69872781	381361	26.978	0.147	37.95299	-81.5199
25211	135	64	20636477	99069	7.968	0.038	38.46871	-80.8885
25213	5512	2306	92822649	3453100	35.839	1.333	38.51267	-81.9133
25214	614	280	32768262	17674	12.652	0.007	38.1877	-81.5382
25234	1200	598	1.2E+08	702067	46.206	0.271	38.81146	-81.1383

25235	949	419	88816125	8981	34.292	0.003	38.66954	-81.0895
25239	1732	816	67467347	616405	26.049	0.238	38.83866	-81.8467
25241	1710	756	56861411	336509	21.954	0.13	38.78798	-81.81
25243	899	444	1.23E+08	0	47.301	0	38.68672	-81.4795
25244	732	329	76305581	147825	29.462	0.057	38.76757	-81.5509
25245	739	341	76411275	42951	29.503	0.017	38.69742	-81.7554
25247	509	319	5352428	1074357	2.067	0.415	39.00626	-82.0055
25248	3090	1361	1.9E+08	112196	73.506	0.043	38.64059	-81.6199
25251	429	204	38453831	0	14.847	0	38.62053	-81.2363
25252	1071	540	1.52E+08	182738	58.759	0.071	38.95096	-81.5112
25253	2051	935	1.23E+08	4560037	47.341	1.761	38.92106	-81.9615
25259	699	349	98230825	0	37.927	0	38.67353	-81.2518
25260	1577	918	7080183	1661016	2.734	0.641	39.00381	-82.0319
25261	335	165	27954102	7453	10.793	0.003	38.82166	-81.0805
25262	898	401	19284148	2475582	7.446	0.956	38.9078	-81.826
25264	441	220	17003872	1273776	6.565	0.492	38.85992	-81.8939
25265	1564	769	4356202	1348686	1.682	0.521	38.98671	-81.958
25266	797	400	97845588	0	37.778	0	38.60598	-81.1623
25267	758	441	1.75E+08	791111	67.392	0.305	38.8336	-80.9409
25268	871	458	1.02E+08	58919	39.565	0.023	38.72511	-81.0763
25270	972	471	1.03E+08	1538	39.849	0.001	38.85443	-81.4287
25271	9304	4220	2.53E+08	1478678	97.666	0.571	38.78615	-81.6857
25275	2287	1058	1.67E+08	423996	64.431	0.164	38.92151	-81.6106
25276	7752	3789	4.4E+08	403142	169.966	0.156	38.78191	-81.3288
25285	595	268	28892154	5080	11.155	0.002	38.53965	-81.1015
25286	1692	853	1.78E+08	0	68.883	0	38.6152	-81.408
25287	1272	325	49249648	3101269	19.015	1.197	38.95472	-82.0514
25301	2771	1904	2835823	236631	1.095	0.091	38.35072	-81.6304
25302	15078	8016	31650322	693219	12.22	0.268	38.39318	-81.5955
25303	7112	3557	9121644	1264278	3.522	0.488	38.35956	-81.6861
25304	8773	4150	26486664	1103689	10.227	0.426	38.30603	-81.5932
25305	0	0	202349	0	0.078	0	38.33763	-81.6127
25306	6417	3057	96429454	852796	37.232	0.329	38.31252	-81.4994
25309	13356	6176	91503803	415651	35.33	0.16	38.30865	-81.7495
25311	10815	5671	73178520	815270	28.254	0.315	38.36686	-81.557
25312	14886	6922	1.82E+08	834252	70.459	0.322	38.44841	-81.6593
25313	13436	6139	53880136	139572	20.803	0.054	38.4224	-81.7575
25314	14542	6752	65148639	274372	25.154	0.106	38.30805	-81.6402
25315	3255	1616	19326605	684853	7.462	0.264	38.22228	-81.5603
25320	6084	2722	1.81E+08	801879	69.906	0.31	38.53985	-81.6332
25401	14622	6970	15187751	42877	5.864	0.017	39.4569	-77.9728
25403	12591	4980	96698569	4287	37.336	0.002	39.47485	-78.0116
25404	19551	8584	1.04E+08	154583	40.02	0.06	39.48303	-77.8903
25405	12029	4628	53912029	0	20.816	0	39.40918	-77.9615
25411	12633	6579	3.64E+08	199588	140.452	0.077	39.54875	-78.2215
25413	7508	3067	57819472	14686	22.324	0.006	39.31059	-78.0559
25414	17024	7008	1.41E+08	1898126	54.621	0.733	39.24244	-77.8662

25419	9251	4063	45509458	11983	17.571	0.005	39.57595	-77.8954
25420	4024	1670	72473870	0	27.982	0	39.38157	-78.115
25422	1700	1728	1.81E+08	1310898	69.963	0.506	39.54499	-78.3543
25425	12835	5603	1.04E+08	3241634	40.242	1.252	39.30739	-77.7701
25427	14322	6882	3.52E+08	828118	135.92	0.32	39.5207	-78.0853
25428	10776	4231	59597168	17623	23.011	0.007	39.38064	-78.0222
25430	8112	3156	1.24E+08	55145	47.861	0.021	39.34097	-77.9393
25431	453	307	37569700	232772	14.506	0.09	39.48727	-78.5718
25432	121	54	2129722	0	0.822	0	39.30576	-77.7843
25434	2521	1612	1.76E+08	1587052	68.133	0.613	39.4545	-78.4486
25437	212	128	29054751	77994	11.218	0.03	39.4278	-78.5705
25438	6266	2697	23007462	2841	8.883	0.001	39.31836	-77.8631
25442	1925	737	36789844	0	14.205	0	39.37021	-77.8326
25443	7445	2907	71174161	76934	27.48	0.03	39.43539	-77.8147
25444	605	349	50538567	277642	19.513	0.107	39.41285	-78.5239
25446	1463	567	39860057	0	15.39	0	39.24156	-77.9534
25501	1130	524	64755315	13036	25.002	0.005	38.15389	-81.9696
25502	1034	498	55996213	581242	21.62	0.224	38.6564	-82.1172
25503	729	350	39550759	1829498	15.271	0.706	38.61259	-82.121
25504	12661	5452	1.28E+08	1308221	49.596	0.505	38.37718	-82.2681
25505	477	210	5803500	95450	2.241	0.037	38.01234	-82.0314
25506	5037	2361	2.7E+08	1338081	104.08	0.517	38.20472	-82.187
25507	987	481	1750509	128116	0.676	0.049	38.39528	-82.563
25508	9837	4493	2.01E+08	711988	77.795	0.275	37.96412	-82.022
25510	5074	2213	84198909	169017	32.509	0.065	38.3823	-82.0829
25511	1092	520	2.37E+08	2318956	91.336	0.895	38.05112	-82.3351
25512	1237	631	1.25E+08	143692	48.107	0.055	38.18473	-82.3273
25514	4024	1836	1.8E+08	1837062	69.674	0.709	38.10029	-82.5287
25515	2335	1131	1.16E+08	8270475	44.973	3.193	38.7566	-82.1469
25517	2071	875	1.06E+08	60706	40.759	0.023	38.10828	-82.4432
25520	1561	734	1.02E+08	1852690	39.476	0.715	38.56115	-82.1829
25521	1101	486	80051015	16010	30.908	0.006	38.21978	-81.9994
25523	2647	1267	1.09E+08	411976	41.924	0.159	38.27874	-82.0491
25524	3486	1543	2.5E+08	481885	96.345	0.186	38.02145	-82.1175
25526	21902	9047	2.38E+08	659784	91.853	0.255	38.3944	-81.9913
25529	1013	415	53429142	525389	20.629	0.203	38.15258	-81.8469
25530	5877	2750	39388540	2112094	15.208	0.815	38.35838	-82.5763
25534	282	164	60322999	2336360	23.291	0.902	38.08434	-82.275
25535	2783	1228	46343935	1045645	17.893	0.404	38.30858	-82.4348
25537	1993	925	55003138	7166396	21.237	2.767	38.53338	-82.282
25540	290	137	32609808	51000	12.591	0.02	38.18261	-82.1565
25541	9350	4179	1.81E+08	648845	69.965	0.251	38.47865	-82.1292
25545	4512	1872	72109917	564776	27.842	0.218	38.45899	-82.2174
25547	969	457	19993800	205177	7.72	0.079	37.91603	-81.9655
25550	9077	4270	1.28E+08	5622254	49.235	2.171	38.86537	-82.0711
25555	2325	1027	87965372	1195355	33.964	0.462	38.21395	-82.5499
25557	1754	811	1.17E+08	777188	45.122	0.3	38.10583	-82.172

25559	2152	941	52747892	504398	20.366	0.195	38.32515	-82.2294
25560	7997	3260	60143453	526911	23.222	0.203	38.44548	-81.8978
25564	1250	527	56479613	82081	21.807	0.032	38.27212	-81.901
25565	651	288	89346624	2013	34.497	0.001	38.10234	-81.9645
25567	924	409	43654788	184024	16.855	0.071	38.21598	-81.87
25570	6640	2903	2.03E+08	1831147	78.217	0.707	38.21891	-82.4253
25571	2206	987	60584721	274669	23.392	0.106	38.31306	-82.1558
25573	970	435	28794132	4324	11.117	0.002	38.23204	-81.9425
25601	5206	2576	51242955	628704	19.785	0.243	37.86279	-82.0093
25606	964	399	18207274	37517	7.03	0.014	37.76501	-81.8198
25607	1140	480	25117494	123459	9.698	0.048	37.78493	-81.7841
25608	1004	483	35554299	0	13.728	0	37.5741	-81.8894
25611	682	287	10177221	88655	3.929	0.034	37.69056	-81.8532
25617	999	451	43975251	134137	16.979	0.052	37.72107	-81.7783
25621	2155	1048	1.18E+08	1118305	45.63	0.432	37.62695	-81.9419
25624	480	222	2920224	108090	1.128	0.042	37.90068	-81.9816
25625	1452	550	38405791	4925	14.829	0.002	37.81935	-82.0813
25628	539	250	5505123	30279	2.126	0.012	37.76819	-81.8625
25630	683	276	60038073	73816	23.181	0.029	37.79035	-81.6807
25632	834	375	63392249	656343	24.476	0.253	37.72991	-81.9239
25634	771	309	13841017	85393	5.344	0.033	37.73586	-81.8406
25635	1227	552	36022465	362380	13.908	0.14	37.70711	-81.886
25637	936	486	9304873	996	3.593	0	37.86177	-82.0295
25638	1148	511	87557461	122380	33.806	0.047	37.75884	-81.9906
25639	608	313	17942525	73419	6.928	0.028	37.88135	-81.9583
25644	536	221	31888681	5702	12.312	0.002	37.71531	-82.0305
25646	940	470	55978171	365957	21.613	0.141	37.84729	-81.884
25647	768	386	8267287	79857	3.192	0.031	37.78681	-81.9844
25649	1397	660	28557557	5157	11.026	0.002	37.87543	-82.0931
25650	547	259	63017776	452181	24.331	0.175	37.67037	-81.8191
25651	737	333	65143566	161067	25.152	0.062	37.60297	-81.9869
25652	1608	677	43766514	16056	16.898	0.006	37.79073	-82.0451
25653	459	222	4661182	30430	1.8	0.012	37.82896	-81.9983
25654	310	100	30706652	244942	11.856	0.095	37.79576	-81.8741
25661	6837	3506	1.51E+08	0	58.21	0	37.73617	-82.2739
25666	654	283	73739949	0	28.471	0	37.92675	-82.2489
25669	887	374	52866221	50211	20.412	0.019	37.93214	-82.3915
25670	5829	2641	2.43E+08	22089	93.786	0.009	37.72115	-82.159
25671	1286	580	81575525	0	31.496	0	37.88386	-82.1919
25672	408	180	22192079	0	8.568	0	37.58134	-82.1131
25674	3202	1379	1.16E+08	0	44.936	0	37.86883	-82.3516
25676	1250	526	76000579	91753	29.344	0.035	37.83706	-82.1945
25678	1595	834	65617284	0	25.335	0	37.5903	-82.0652
25688	448	184	12051970	0	4.653	0	37.6213	-82.1191
25690	249	113	4544135	0	1.755	0	37.68978	-82.1244
25692	1021	462	25688146	0	9.918	0	37.63628	-82.1097
25696	295	143	5086814	0	1.964	0	37.67904	-82.1159

25699	200	77	38240230	0	14.765	0	37.96165	-82.3326
25701	23284	12666	92051658	932017	35.541	0.36	38.36569	-82.4053
25702	7788	4004	30143680	4020593	11.639	1.552	38.43464	-82.3145
25703	6751	2518	3089403	390885	1.193	0.151	38.4241	-82.4183
25704	16441	7864	83673261	4870112	32.306	1.88	38.30757	-82.4874
25705	20711	9975	30990944	403764	11.966	0.156	38.40458	-82.3602
25801	33590	16078	2.14E+08	1680466	82.595	0.649	37.8227	-81.2659
25810	261	119	6123845	104677	2.364	0.04	37.59666	-81.3493
25811	154	82	16809702	70627	6.49	0.027	37.55878	-81.2916
25812	1902	929	48795349	362189	18.84	0.14	38.18199	-81.1227
25813	8063	2552	1.55E+08	1214586	59.946	0.469	37.76185	-81.1019
25817	784	338	29142726	126615	11.252	0.049	37.75843	-81.3975
25818	472	250	1314197	1906	0.507	0.001	37.86028	-81.192
25820	437	211	79007278	141951	30.505	0.055	37.51171	-81.163
25823	2176	980	36262669	99922	14.001	0.039	37.66065	-81.2081
25825	2390	1079	67136068	421395	25.921	0.163	37.64407	-81.0839
25826	296	121	549751	18084	0.212	0.007	37.57603	-81.3582
25827	2488	1159	16511758	30541	6.375	0.012	37.7391	-81.2525
25831	1421	731	1.55E+08	505197	59.762	0.195	37.95931	-80.9308
25832	3994	1848	31172767	186580	12.036	0.072	37.71523	-81.119
25836	488	232	5009982	10808	1.934	0.004	37.77494	-81.2787
25837	391	177	14128689	14271	5.455	0.006	38.05277	-81.0107
25839	691	300	8706326	45393	3.362	0.018	37.77778	-81.3866
25840	8179	3683	1.87E+08	2321502	72.231	0.896	38.04317	-81.1247
25841	575	300	89900318	163203	34.711	0.063	37.55624	-81.093
25843	791	562	36501137	894959	14.093	0.346	37.61033	-81.1182
25844	1417	620	31605877	78838	12.203	0.03	37.80624	-81.3858
25845	627	264	14605154	38322	5.639	0.015	37.69534	-81.5252
25846	363	174	33861450	35829	13.074	0.014	37.90097	-81.1319
25848	443	216	22595256	9281	8.724	0.004	37.71815	-81.4283
25849	266	125	1311070	234	0.506	0	37.73012	-81.28
25853	182	79	1668498	310	0.644	0	37.64041	-81.3121
25854	1101	538	94708864	698918	36.567	0.27	38.13675	-80.9799
25855	209	41	541374	3213	0.209	0.001	37.93681	-81.1565
25857	308	143	56044917	19277	21.639	0.007	37.64427	-81.2816
25862	266	160	11246232	10295	4.342	0.004	38.08552	-81.0614
25864	309	172	59059600	355040	22.803	0.137	37.87605	-81.0361
25865	1475	651	65884741	85300	25.438	0.033	37.71155	-81.363
25868	432	215	32740252	17343	12.641	0.007	38.07193	-80.9661
25870	103	44	585331	28683	0.226	0.011	37.63017	-81.3893
25871	695	347	1046665	0	0.404	0	37.76983	-81.2104
25873	607	307	1798964	4051	0.695	0.002	37.75007	-81.2138
25875	486	189	22508899	1330	8.691	0.001	37.67912	-81.4608
25876	128	57	10878994	12293	4.2	0.005	37.6311	-81.4491
25878	930	425	5270701	21442	2.035	0.008	37.71544	-81.2298
25879	359	179	4207801	5583	1.625	0.002	37.98316	-81.106
25880	6928	3199	1.02E+08	101557	39.501	0.039	37.87895	-81.2076

25882	2033	1045	84389630	295384	32.583	0.114	37.63214	-81.3934
25901	11920	5649	85063880	1013209	32.843	0.391	37.9507	-81.1171
25902	420	193	72133183	45103	27.851	0.017	37.56983	-81.2174
25904	365	168	17820375	23145	6.88	0.009	37.9283	-81.2835
25906	287	136	3547206	20938	1.37	0.008	37.83687	-81.1144
25907	123	85	4823492	501464	1.862	0.194	37.85602	-81.0862
25908	172	94	18489653	6274	7.139	0.002	37.67532	-81.2472
25911	55	46	85549	8851	0.033	0.003	37.75808	-81.1671
25913	397	159	17229027	0	6.652	0	37.71406	-81.4895
25915	311	174	23520763	37801	9.081	0.015	37.59014	-81.2912
25916	202	91	5031733	0	1.943	0	37.67561	-81.4981
25917	2139	1008	1.16E+08	801395	44.832	0.309	37.99112	-81.2185
25918	4430	1959	1.75E+08	1877176	67.386	0.725	37.75199	-80.997
25920	221	97	13123190	5204	5.067	0.002	37.68899	-81.3339
25921	2157	1059	41618441	87676	16.069	0.034	37.67227	-81.3141
25922	299	128	11914754	248495	4.6	0.096	37.46597	-81.105
25928	375	181	30101138	100141	11.622	0.039	37.55812	-81.3325
25932	339	133	10112292	10913	3.904	0.004	37.75226	-81.2996
25936	43	62	37680293	1502141	14.548	0.58	37.92345	-81.0391
25938	1287	598	84180109	992359	32.502	0.383	38.15307	-81.0469
25942	162	77	33083922	224691	12.774	0.087	38.01592	-80.9825
25951	6208	3717	2.79E+08	9000035	107.759	3.475	37.66205	-80.8664
25958	851	459	59007024	395591	22.783	0.153	38.02283	-80.75
25962	3806	1989	2.26E+08	944667	87.259	0.365	37.98332	-80.8088
25969	973	527	75921297	412916	29.313	0.159	37.61799	-81.0019
25971	1130	739	52506984	183127	20.273	0.071	37.47742	-80.9774
25972	299	151	10432868	20375	4.028	0.008	38.03571	-80.7461
25976	2663	1362	2.33E+08	1242747	90.094	0.48	37.84954	-80.8451
25977	155	101	12734903	400486	4.917	0.155	37.79848	-80.9033
25978	606	303	30253427	1118797	11.681	0.432	37.62067	-80.945
25979	893	542	1.2E+08	4704104	46.408	1.816	37.51094	-80.9135
25981	951	511	1.53E+08	135603	59.117	0.052	38.09706	-80.7111
25984	1886	958	1.27E+08	677763	49.146	0.262	38.02923	-80.5974
25985	430	243	91790461	164772	35.44	0.064	37.7806	-80.8131
25989	280	123	6223188	178067	2.403	0.069	37.68094	-81.0699
26003	43002	20880	2.45E+08	8838945	94.765	3.413	40.06972	-80.6458
26030	516	254	2169733	1045561	0.838	0.404	40.2202	-80.6563
26031	1755	906	7087716	1458881	2.737	0.563	40.0094	-80.7293
26032	1243	292	31226728	288999	12.057	0.112	40.19252	-80.5405
26033	3044	1680	2.41E+08	794768	93.048	0.307	39.83028	-80.5781
26034	4905	2378	39204086	3186767	15.137	1.23	40.59847	-80.5523
26035	2491	1071	46694641	957954	18.029	0.37	40.34493	-80.5535
26036	425	214	29193725	77997	11.272	0.03	39.98305	-80.5467
26037	6642	3041	17529587	1474457	6.768	0.569	40.33556	-80.5845
26038	2855	1348	17088371	1558420	6.598	0.602	39.96459	-80.7241
26039	1061	562	1.02E+08	575953	39.236	0.222	39.79937	-80.6741
26040	2103	1045	6009187	686672	2.32	0.265	39.98857	-80.7159

26041	16183	7511	1.59E+08	5193027	61.372	2.005	39.88723	-80.7055
26047	6222	2880	1.11E+08	3290075	42.837	1.27	40.52018	-80.5892
26050	1575	768	7515128	5209275	2.902	2.011	40.60774	-80.6076
26055	1756	857	1.9E+08	7289129	73.51	2.814	39.7543	-80.7826
26056	93	41	300056	0	0.116	0	40.53128	-80.5771
26059	3082	1348	63644493	206212	24.573	0.08	40.05739	-80.6048
26060	1881	831	61494455	130828	23.743	0.051	40.10831	-80.5568
26062	21801	10532	71888233	3131990	27.756	1.209	40.4267	-80.5607
26070	8441	3895	95737239	3014365	36.964	1.164	40.2569	-80.5856
26074	1184	230	4260561	7888	1.645	0.003	40.15546	-80.5911
26075	505	225	3527992	983378	1.362	0.38	40.19343	-80.668
26101	29999	14314	76426643	5109757	29.508	1.973	39.24032	-81.5759
26104	16769	8044	96234378	530399	37.156	0.205	39.27614	-81.4804
26105	12333	5905	32418567	2627871	12.517	1.015	39.32958	-81.5146
26133	1415	623	1.02E+08	2454521	39.226	0.948	39.12328	-81.6724
26134	888	393	5470035	3379739	2.112	1.305	39.36872	-81.2904
26136	644	368	69301101	748755	26.757	0.289	38.96158	-81.1407
26137	939	529	1.36E+08	55706	52.363	0.022	38.9956	-81.0494
26138	127	74	13792941	259	5.325	0	39.02343	-81.206
26141	364	242	87758758	851798	33.884	0.329	38.93355	-81.2459
26142	2574	1074	32864458	461173	12.689	0.178	39.20617	-81.4477
26143	4547	2520	3.77E+08	3457803	145.615	1.335	39.05643	-81.3727
26146	1003	665	1.02E+08	1160911	39.503	0.448	39.45707	-81.0368
26147	2188	1157	1.19E+08	1412766	46.119	0.545	38.90454	-81.0754
26148	245	217	46248568	313619	17.857	0.121	39.0601	-81.1826
26149	2452	1347	1.93E+08	943440	74.536	0.364	39.48331	-80.8256
26150	6309	2646	1.2E+08	706061	46.312	0.273	39.15728	-81.5359
26151	558	298	63490285	517139	24.514	0.2	38.87956	-81.1726
26152	56	25	4702285	0	1.816	0	39.01006	-81.1959
26155	8823	4311	3.06E+08	5901953	118.18	2.279	39.63006	-80.764
26159	2745	1313	4372666	171129	1.688	0.066	39.60049	-80.9288
26160	960	534	1.69E+08	1576682	65.43	0.609	38.9812	-81.4121
26161	480	333	1.24E+08	616000	48.032	0.238	39.17669	-81.2547
26164	8262	3833	2.77E+08	11793751	106.875	4.554	39.0107	-81.7012
26167	865	397	46715167	356151	18.037	0.138	39.53894	-80.7434
26169	842	378	68967019	21890	26.628	0.008	39.07221	-81.5716
26170	6137	2673	2.72E+08	7600639	104.894	2.935	39.35813	-81.1713
26175	3326	1668	1.17E+08	8299558	45.01	3.204	39.53719	-80.9747
26178	587	402	1.07E+08	496579	41.444	0.192	39.05825	-81.0381
26180	2284	1049	1.68E+08	1078101	64.748	0.416	39.19501	-81.3666
26181	6127	2560	98654763	7079278	38.091	2.733	39.21071	-81.6664
26184	2361	977	1.01E+08	368279	38.872	0.142	39.29499	-81.3527
26187	5982	2675	52337725	6968401	20.208	2.691	39.37325	-81.4471
26201	19701	8703	4.65E+08	441936	179.375	0.171	39.00314	-80.1992
26202	641	316	36125404	295168	13.948	0.114	38.21535	-80.6397
26203	198	119	65477242	149641	25.281	0.058	38.54847	-80.5878
26205	3690	1712	67077917	930854	25.899	0.359	38.3268	-80.6504

26206	2976	1453	1.91E+08	1186308	73.847	0.458	38.43744	-80.5224
26208	973	500	2.17E+08	1711690	83.88	0.661	38.32342	-80.5054
26209	112	2067	73064083	25017	28.21	0.01	38.42876	-79.9889
26215	167	99	25052315	56282	9.673	0.022	38.70713	-80.375
26217	354	284	71254004	288787	27.511	0.112	38.61427	-80.4454
26218	2583	1307	1.71E+08	0	66.18	0	38.84494	-80.2662
26222	454	358	1.96E+08	202778	75.709	0.078	38.65838	-80.366
26224	221	187	88537671	0	34.185	0	38.74031	-80.1829
26228	109	55	23526138	0	9.083	0	38.75441	-80.3709
26230	124	149	1.21E+08	34444	46.802	0.013	38.67184	-80.1756
26234	1454	812	1.37E+08	0	53.053	0	38.77378	-80.3151
26236	29	27	641559	0	0.248	0	38.74467	-80.2347
26237	571	302	1.02E+08	0	39.226	0	38.84541	-80.1507
26238	739	363	56428225	10738	21.787	0.004	39.10864	-80.174
26241	14591	6929	3.35E+08	350399	129.407	0.135	38.9295	-79.7913
26250	5570	2364	2.28E+08	818721	87.948	0.316	39.03347	-79.9625
26253	3490	1628	1.79E+08	43257	68.977	0.017	38.78109	-79.8678
26254	303	217	1.7E+08	37504	65.626	0.014	38.88066	-79.6628
26257	957	393	49381849	0	19.066	0	38.91917	-80.0036
26259	176	95	5091490	0	1.966	0	38.8029	-79.8961
26260	1377	2068	4.08E+08	513764	157.426	0.198	39.08233	-79.4241
26261	2701	1634	2.56E+08	1358198	98.678	0.524	38.20267	-80.545
26263	316	351	79050932	0	30.522	0	38.94891	-79.4376
26264	642	455	2.69E+08	0	103.938	0	38.57572	-79.8271
26266	252	113	10349753	62080	3.996	0.024	38.41168	-80.4764
26267	369	166	61515533	0	23.751	0	38.94772	-80.0919
26268	82	190	1.6E+08	0	61.834	0	38.74896	-79.7389
26269	1018	483	54213667	560403	20.932	0.216	39.10561	-79.6201
26270	755	490	1.98E+08	0	76.462	0	38.8632	-79.578
26271	383	259	82741480	18364	31.947	0.007	39.03467	-79.5589
26273	2041	500	3.29E+08	11999	126.962	0.005	38.62496	-79.9675
26275	744	318	10640797	197728	4.108	0.076	38.97618	-79.951
26276	356	179	39078053	106429	15.088	0.041	39.02553	-79.7729
26278	591	268	1.59E+08	0	61.375	0	38.82539	-80.0305
26280	1710	811	1.79E+08	0	69.217	0	38.72961	-80.0295
26282	60	84	1.42E+08	0	54.802	0	38.52168	-80.1625
26283	1734	945	1.55E+08	142801	59.965	0.055	39.06286	-79.8126
26285	304	153	27698199	0	10.694	0	38.91294	-79.9375
26287	3131	1811	3.94E+08	4179371	151.964	1.614	39.16666	-79.6887
26288	3603	2408	5.96E+08	3849218	230.081	1.486	38.51269	-80.347
26291	165	156	1.63E+08	0	62.944	0	38.3946	-80.1544
26292	836	467	42937904	116997	16.578	0.045	39.14192	-79.5337
26293	600	282	15205151	0	5.871	0	38.78244	-79.9358
26294	729	557	2.05E+08	0	79.054	0	38.53145	-80.0343
26296	177	122	1.16E+08	103578	44.781	0.04	38.76446	-79.5536
26298	96	84	28739804	49560	11.097	0.019	38.47104	-80.2534
26301	30435	14313	1.92E+08	44883	74.188	0.017	39.3015	-80.394

26320	1000	627	1.45E+08	960819	56.006	0.371	39.40401	-80.8124
26321	354	202	64288455	319349	24.822	0.123	39.04649	-80.6746
26323	602	274	2945965	0	1.137	0	39.26259	-80.2906
26325	320	198	64849768	33404	25.039	0.013	39.09895	-80.9048
26327	83	65	22233364	219492	8.584	0.085	39.12289	-80.9428
26330	14377	6293	1.87E+08	334912	72.349	0.129	39.28527	-80.2209
26335	1378	693	1.23E+08	1001302	47.474	0.387	38.84354	-80.6842
26337	1218	743	1.68E+08	646228	64.746	0.25	39.23023	-81.161
26338	629	327	1.02E+08	154997	39.48	0.06	39.07689	-80.6195
26339	255	159	54243700	4481	20.944	0.002	39.42219	-80.614
26342	509	279	1.24E+08	190645	47.893	0.074	39.0336	-80.8548
26343	445	264	54806764	120437	21.161	0.047	38.82223	-80.422
26346	972	480	72154994	209780	27.859	0.081	39.29002	-81.0601
26347	2068	889	1.02E+08	0	39.442	0	39.25656	-80.1261
26348	196	95	32089531	1406	12.39	0.001	39.4626	-80.5454
26349	132	58	1619980	0	0.625	0	39.2357	-80.1303
26351	5120	1533	2.19E+08	1703128	84.698	0.658	38.92622	-80.8375
26354	11135	5035	2.62E+08	7529846	101.031	2.907	39.34813	-80.0318
26361	263	112	723362	0	0.279	0	39.36672	-80.3176
26362	3378	1806	2.72E+08	868253	104.87	0.335	39.15214	-81.0653
26366	144	60	1033348	0	0.399	0	39.38126	-80.3345
26369	762	330	3544055	0	1.368	0	39.33396	-80.3318
26372	686	368	78883077	4267536	30.457	1.648	38.95915	-80.3466
26374	1375	632	84591342	7211	32.661	0.003	39.45261	-79.8792
26376	463	295	81478520	282739	31.459	0.109	38.78437	-80.4539
26377	700	385	1.45E+08	321335	55.87	0.124	39.49626	-80.647
26378	3820	1635	1.61E+08	797098	62.151	0.308	39.12109	-80.4376
26384	520	265	86898334	433431	33.552	0.167	38.98125	-80.7068
26385	3872	1660	1.6E+08	301417	61.627	0.116	39.15943	-80.3551
26386	2411	1050	68537273	141975	26.462	0.055	39.39585	-80.4058
26404	458	210	8796731	6373	3.396	0.002	39.33575	-80.3066
26405	1179	602	1.37E+08	1418593	52.805	0.548	39.2252	-79.9103
26408	2852	1187	78220747	17546	30.201	0.007	39.19659	-80.3064
26410	1037	510	59364840	22844	22.921	0.009	39.40082	-79.8244
26411	707	411	1.9E+08	340965	73.385	0.132	39.18008	-80.7133
26412	546	300	1.19E+08	788170	45.882	0.304	38.86928	-80.5298
26415	4016	1751	2.66E+08	918424	102.635	0.355	39.2883	-80.9392
26416	7529	3498	3.56E+08	1928556	137.625	0.745	39.15727	-80.0239
26419	1131	564	96882595	516965	37.407	0.2	39.48769	-80.6864
26421	262	141	43890326	25274	16.946	0.01	39.18196	-80.9243
26422	606	265	8075780	0	3.118	0	39.29449	-80.4439
26424	318	138	6513383	0	2.515	0	39.26688	-80.1736
26425	1216	643	1.31E+08	1810097	50.596	0.699	39.27659	-79.7578
26426	7003	3198	3.42E+08	437704	132.175	0.169	39.28703	-80.5644
26430	466	217	31743119	184026	12.256	0.071	38.87112	-80.7636
26431	5950	2767	96409962	36709	37.224	0.014	39.39903	-80.2953
26435	98	40	391023	0	0.151	0	39.26659	-80.0923

26436	204	85	6257505	68268	2.416	0.026	39.29741	-80.7195
26437	645	334	83501047	18387	32.24	0.007	39.52598	-80.5089
26438	176	81	151413	0	0.058	0	39.34661	-80.3191
26440	1135	541	1.11E+08	16129	42.973	0.006	39.3217	-79.9187
26443	258	147	49560956	209115	19.136	0.081	39.07594	-80.7532
26444	3639	1626	1.87E+08	281843	72.139	0.109	39.36372	-79.7707
26447	1055	537	1.65E+08	4196397	63.743	1.62	38.90832	-80.475
26448	1421	603	97236304	16673	37.543	0.006	39.40281	-80.4933
26451	685	306	3245562	0	1.253	0	39.20774	-80.4022
26452	9676	4683	3.23E+08	2254581	124.686	0.87	39.03712	-80.5282
26456	3734	2059	3.92E+08	1850168	151.344	0.714	39.26294	-80.774
26501	19616	8905	1.56E+08	2318650	60.245	0.895	39.63423	-80.0368
26505	38772	17781	33990087	830624	13.124	0.321	39.64995	-79.9438
26508	29170	12705	3.15E+08	8718065	121.683	3.366	39.60263	-79.8954
26519	1836	867	1.67E+08	913953	64.485	0.353	39.56918	-79.627
26520	778	372	5389858	0	2.081	0	39.497	-79.8236
26521	346	161	5814911	75527	2.245	0.029	39.71167	-80.2257
26525	7064	2372	3.6E+08	735612	138.879	0.284	39.65386	-79.6262
26534	789	399	3479168	134917	1.343	0.052	39.64814	-80.0016
26537	5721	2600	1.07E+08	864375	41.266	0.334	39.48892	-79.7124
26541	2624	1171	97850593	1263590	37.78	0.488	39.69502	-80.1253
26542	2547	1221	93238463	754074	36	0.291	39.57471	-79.7828
26543	252	141	2340223	30491	0.904	0.012	39.66463	-79.9999
26547	2376	1007	38661524	485740	14.927	0.188	39.51174	-79.8139
26554	41369	19466	3.5E+08	5503471	135.294	2.125	39.46539	-80.1098
26559	1269	584	1582041	83820	0.611	0.032	39.50127	-80.1682
26560	227	99	535012	34834	0.207	0.013	39.54199	-80.147
26562	634	337	1.04E+08	25062	40.183	0.01	39.63858	-80.4683
26563	381	184	1518719	2045	0.586	0.001	39.48238	-80.2736
26568	679	279	3411763	0	1.317	0	39.42489	-80.2778
26570	3595	1563	1.74E+08	313933	67.372	0.121	39.63393	-80.2268
26571	1833	847	39248904	242660	15.154	0.094	39.52654	-80.262
26572	136	61	1184316	11193	0.457	0.004	39.48669	-80.3078
26574	664	329	7262060	40169	2.804	0.016	39.58839	-80.1886
26575	827	457	55736152	57401	21.52	0.022	39.67777	-80.4414
26576	608	264	2265417	1619	0.875	0.001	39.49326	-80.2561
26581	1104	557	1.27E+08	267187	48.93	0.103	39.67069	-80.5747
26582	5335	2448	2.59E+08	617545	100.177	0.238	39.52879	-80.3801
26585	479	259	61435401	37804	23.72	0.015	39.61919	-80.4306
26586	209	86	1649198	103706	0.637	0.04	39.52196	-80.1016
26587	432	183	3344079	89133	1.291	0.034	39.51788	-80.2928
26588	2611	1213	71176823	1008131	27.482	0.389	39.5821	-80.1458
26590	791	346	64622781	139002	24.951	0.054	39.66908	-80.3123
26591	1511	697	36153966	291708	13.959	0.113	39.45161	-80.2963
26601	4898	2363	3.4E+08	7365030	131.243	2.844	38.61742	-80.6268
26610	1090	532	1.46E+08	330431	56.343	0.128	38.4592	-80.7418
26611	224	117	29163581	267449	11.26	0.103	38.8461	-80.8463

26615	245	120	29778833	14474	11.498	0.006	38.79119	-80.712
26617	187	112	19337780	996	7.466	0	38.5011	-80.8324
26619	606	300	80414203	106990	31.048	0.041	38.75167	-80.7054
26621	757	389	69912911	373369	26.994	0.144	38.71335	-80.5434
26623	1189	618	1.51E+08	644295	58.14	0.249	38.65548	-80.8716
26624	2950	1511	1.9E+08	722847	73.296	0.279	38.71943	-80.7948
26627	447	242	51549922	269982	19.904	0.104	38.75247	-80.5851
26629	309	137	17944933	72121	6.929	0.028	38.56367	-80.7043
26631	352	252	66171934	1995186	25.549	0.77	38.81124	-80.5373
26636	487	240	75233549	95169	29.048	0.037	38.74391	-80.9582
26638	178	88	42137300	25408	16.269	0.01	38.76752	-81.0158
26651	9650	4652	6.27E+08	11698616	242.018	4.517	38.33256	-80.8872
26656	401	177	23181378	350553	8.95	0.135	38.27578	-81.1627
26660	255	119	15297587	32001	5.906	0.012	38.3576	-80.6957
26662	1154	508	37964753	61149	14.658	0.024	38.27147	-80.742
26676	435	244	68910103	39807	26.606	0.015	38.16001	-80.6478
26678	1247	578	37202625	565836	14.364	0.218	38.16961	-80.9097
26679	1896	1137	1.37E+08	2374728	52.775	0.917	38.16949	-80.8007
26680	340	180	70383297	786977	27.175	0.304	38.09333	-80.873
26681	1486	689	93160084	545497	35.969	0.211	38.2332	-80.7317
26684	116	54	4270492	2055	1.649	0.001	38.16496	-80.8457
26690	584	265	74402694	1312246	28.727	0.507	38.17514	-81.0891
26691	417	179	36467086	36818	14.08	0.014	38.39534	-80.6583
26704	5663	2797	2.48E+08	1056165	95.919	0.408	39.29155	-78.5993
26705	1077	537	1.46E+08	711123	56.19	0.275	39.32456	-79.5844
26707	344	194	67905217	64688	26.218	0.025	39.21611	-79.395
26710	2133	1079	2.14E+08	457255	82.461	0.177	39.30169	-78.9675
26711	2655	1390	1.52E+08	671085	58.72	0.259	39.28347	-78.4694
26714	482	424	49505555	277312	19.114	0.107	39.18847	-78.6552
26716	706	366	62187925	38672	24.011	0.015	39.25273	-79.5295
26717	1170	549	1.08E+08	1438792	41.75	0.556	39.33418	-79.1825
26719	2785	1233	69576222	231722	26.864	0.089	39.48277	-78.7748
26720	174	100	14987621	0	5.787	0	39.28029	-79.3296
26722	599	404	55543378	667142	21.445	0.258	39.50313	-78.6432
26726	13306	6096	3.78E+08	1551307	146.005	0.599	39.40378	-78.9847
26731	382	172	42760854	70079	16.51	0.027	39.16868	-79.0746
26739	889	680	1.71E+08	4738185	66.034	1.829	39.24413	-79.2551
26743	1613	803	1.93E+08	351804	74.35	0.136	39.29395	-79.0753
26750	891	487	1146110	0	0.443	0	39.47664	-79.0447
26753	6254	2826	66764842	49019	25.778	0.019	39.56275	-78.7902
26755	833	540	1.14E+08	116515	44.067	0.045	39.16619	-78.7245
26757	6464	3316	3.62E+08	2817249	139.847	1.088	39.31178	-78.7452
26761	685	303	28472599	27844	10.993	0.011	39.27282	-78.6943
26763	1540	1272	1.22E+08	1502115	47.187	0.58	39.47253	-78.6983
26764	4220	2352	2.31E+08	426458	89.166	0.165	39.45193	-79.5532
26767	768	385	6121465	0	2.364	0	39.6159	-78.7572
26801	1118	739	1.9E+08	236554	73.236	0.091	39.0478	-78.8043

26802	1357	842	3.11E+08	1736904	120.185	0.671	38.62685	-79.2044
26804	709	430	2.17E+08	696082	83.762	0.269	38.59932	-79.5645
26807	2947	1820	4.56E+08	924608	176.023	0.357	38.66302	-79.347
26808	967	476	51462388	295851	19.87	0.114	39.2049	-78.4533
26810	329	414	83541903	433305	32.256	0.167	38.9933	-78.7553
26812	1705	1273	2.68E+08	168045	103.3	0.065	38.88579	-78.878
26814	415	276	1.62E+08	274396	62.574	0.106	38.77857	-79.4778
26815	646	515	2.18E+08	327064	84.071	0.126	38.49352	-79.3645
26817	443	223	51366646	482710	19.833	0.186	39.37386	-78.4018
26818	709	292	50214636	107031	19.388	0.041	39.08773	-79.0164
26823	198	132	55424595	36134	21.4	0.014	39.13261	-78.4641
26833	2309	1107	3.13E+08	1906866	120.804	0.736	39.08893	-79.2205
26836	6578	3282	5E+08	3109553	193.214	1.201	38.99971	-78.9723
26845	898	463	90679356	674121	35.011	0.26	39.16332	-78.9633
26847	6277	3200	3.16E+08	199005	122.026	0.077	38.94914	-79.1345
26851	2180	1351	2.81E+08	1019523	108.638	0.394	39.0471	-78.611
26852	869	490	1.1E+08	626448	42.581	0.242	39.24673	-78.8964
26855	826	504	1.1E+08	86759	42.341	0.033	38.94805	-79.269
26865	248	222	44239558	439074	17.081	0.17	39.20593	-78.5121
26866	929	722	2.07E+08	780889	79.818	0.302	38.80061	-79.2343
26884	625	469	2.2E+08	612725	85.016	0.237	38.90615	-79.3917
27006	14150	6358	1.65E+08	2807464	63.843	1.084	35.939	-80.4403
27007	2162	924	54972688	305603	21.225	0.118	36.38971	-80.5889
27009	2647	1113	40885454	4480290	15.786	1.73	36.23093	-80.0787
27011	5497	2608	1.38E+08	1197156	53.174	0.462	36.21645	-80.6985
27012	25461	10731	1.08E+08	1600643	41.89	0.618	36.00268	-80.3791
27013	6057	2562	1.95E+08	295666	75.434	0.114	35.75049	-80.7001
27014	840	407	1618473	48485	0.625	0.019	35.81004	-80.5557
27016	1936	964	1.03E+08	830192	39.958	0.321	36.44682	-80.2199
27017	9597	4020	2.78E+08	2790292	107.252	1.077	36.38202	-80.7562
27018	7655	3472	2.12E+08	2519281	81.979	0.973	36.19714	-80.5182
27019	4032	1818	90794941	709162	35.056	0.274	36.28689	-80.2377
27020	6421	2826	1.9E+08	954685	73.446	0.369	36.10293	-80.8041
27021	18106	7967	1.38E+08	1313455	53.212	0.507	36.31806	-80.3393
27022	1560	751	86149780	305542	33.263	0.118	36.51217	-80.2156
27023	11873	4977	71895191	1597987	27.759	0.617	36.08976	-80.4567
27024	2733	1379	1.14E+08	464874	44.055	0.179	36.51924	-80.8412
27025	11138	5055	2.55E+08	1543536	98.33	0.596	36.37905	-79.9694
27027	4385	2196	56571012	148797	21.842	0.057	36.44176	-79.9889
27028	25839	11278	5E+08	4728455	192.872	1.826	35.92023	-80.5785
27030	38374	17735	4.42E+08	2755346	170.511	1.064	36.49001	-80.6293
27040	10893	4627	69138136	914924	26.694	0.353	36.16931	-80.393
27041	7554	3511	1.53E+08	942288	58.991	0.364	36.42566	-80.4868
27042	834	378	22308808	233459	8.613	0.09	36.35045	-80.0626
27043	6615	3044	1.86E+08	1845327	71.646	0.712	36.33725	-80.4519
27045	8536	3828	60026851	177857	23.176	0.069	36.2344	-80.2961
27046	2024	1014	1.05E+08	336500	40.646	0.13	36.50222	-80.0783

27047	1191	532	52606673	647600	20.312	0.25	36.31694	-80.5724
27048	8609	3792	2.15E+08	1085780	82.993	0.419	36.48252	-79.9177
27050	3893	1727	64499009	537265	24.903	0.207	36.22996	-80.4065
27051	7369	3197	47586660	104980	18.373	0.041	36.19594	-80.1534
27052	10624	4919	2.71E+08	8823253	104.821	3.407	36.31883	-80.1506
27053	3007	1566	1.75E+08	1008524	67.585	0.389	36.47428	-80.3479
27054	2567	1050	75796439	105393	29.265	0.041	35.79254	-80.5979
27055	14200	6227	2.77E+08	1977783	106.895	0.764	36.11386	-80.6316
27101	18901	9666	33046567	765162	12.759	0.295	36.1111	-80.2005
27103	33208	16906	48068162	280858	18.559	0.108	36.05823	-80.3215
27104	28485	14436	31921309	52877	12.325	0.02	36.09592	-80.321
27105	39568	17161	87369476	243537	33.734	0.094	36.16296	-80.2343
27106	45015	21106	74226359	870519	28.659	0.336	36.14391	-80.3232
27107	46963	18890	1.68E+08	1457755	65.037	0.563	36.01316	-80.1755
27109	2539	0	498745	0	0.193	0	36.13391	-80.2776
27110	2127	0	488557	0	0.189	0	36.08926	-80.225
27127	34138	15310	77142347	565341	29.785	0.218	36.02008	-80.2801
27201	63	35	342167	10102	0.132	0.004	36.03421	-79.4848
27203	21108	9572	56702856	202496	21.893	0.078	35.72798	-79.787
27205	33216	13853	5.8E+08	2278037	224.124	0.88	35.6336	-79.8524
27207	3795	1714	2.2E+08	688038	84.967	0.266	35.60761	-79.3905
27208	1676	795	1.01E+08	170092	38.852	0.066	35.56323	-79.5429
27209	3933	1514	1.18E+08	366468	45.661	0.141	35.3431	-79.7534
27212	2580	702	1.25E+08	333395	48.436	0.129	36.48008	-79.2797
27214	10294	4143	1.25E+08	6099633	48.075	2.355	36.20942	-79.6705
27215	38807	18976	1.61E+08	4765228	62.272	1.84	36.02983	-79.4916
27217	36954	15633	3.19E+08	9343257	123.173	3.607	36.19095	-79.3802
27229	3929	1620	2.28E+08	397790	88.137	0.154	35.26555	-79.7759
27231	2148	962	94342950	1675763	36.426	0.647	36.20772	-79.1694
27233	3390	1442	63384839	330358	24.473	0.128	35.89276	-79.7055
27235	4136	1814	35107217	99676	13.555	0.038	36.08941	-80.0126
27239	9079	4261	3.92E+08	6018315	151.16	2.324	35.60085	-80.0903
27242	2100	1031	1.4E+08	637866	53.94	0.246	35.3298	-79.6485
27243	4337	1837	1.03E+08	708453	39.61	0.274	36.06692	-79.1981
27244	14173	5049	1.31E+08	1690070	50.485	0.653	36.21245	-79.4883
27248	4524	1937	89263433	532576	34.465	0.206	35.7833	-79.7163
27249	12486	5491	1.49E+08	1974620	57.657	0.762	36.15414	-79.5824
27252	2003	973	1.11E+08	375493	42.848	0.145	35.56661	-79.3498
27253	29827	13187	2.28E+08	4774415	88.087	1.843	35.96621	-79.3474
27258	6006	2628	44194615	591241	17.064	0.228	36.00954	-79.2857
27260	24023	10903	31459460	117233	12.147	0.045	35.95447	-79.9879
27262	23934	10802	34117466	16395	13.173	0.006	35.96264	-80.0416
27263	21414	9382	1.01E+08	1501864	38.987	0.58	35.91005	-79.9374
27265	46690	20774	1.09E+08	3505080	41.926	1.353	36.01079	-80.031
27278	24286	10286	2.63E+08	2266314	101.393	0.875	36.0903	-79.087
27281	3100	1356	1.35E+08	291070	52.071	0.112	35.18744	-79.6251
27282	15906	6692	35779745	569125	13.815	0.22	35.99423	-79.9293

27283	3141	1388	68208400	586447	26.335	0.226	35.95147	-79.6354
27284	51136	22239	2.07E+08	1661568	79.913	0.642	36.11864	-80.0783
27288	24071	11813	1.75E+08	2121812	67.752	0.819	36.49756	-79.7495
27291	1662	1002	1.31E+08	4474705	50.745	1.728	36.41842	-79.1686
27292	39787	18550	3.77E+08	22989572	145.386	8.876	35.73833	-80.2075
27295	37211	16528	3.3E+08	2524121	127.591	0.975	35.87177	-80.3102
27298	10336	4633	2.46E+08	2395773	94.983	0.925	35.88512	-79.5675
27299	5190	2211	71283557	3969178	27.523	1.533	35.75232	-80.3861
27301	8750	3569	86396685	1014364	33.358	0.392	36.11351	-79.6657
27302	26412	11467	3.02E+08	5024582	116.761	1.94	36.14203	-79.2662
27305	1685	792	69114286	851952	26.685	0.329	36.52681	-79.2338
27306	6176	4753	4.54E+08	9077106	175.246	3.505	35.22519	-79.9802
27310	6710	2424	41677239	386399	16.092	0.149	36.17407	-79.9922
27311	3402	1607	1.2E+08	180261	46.238	0.07	36.47965	-79.4726
27312	18306	8666	4.4E+08	17272044	169.907	6.669	35.75568	-79.2101
27313	6962	2839	73560619	427668	28.402	0.165	35.9309	-79.7582
27314	1051	509	67184768	1874875	25.94	0.724	36.31034	-79.1963
27315	2243	1058	68254906	340090	26.353	0.131	36.50997	-79.4035
27316	6650	2894	1.79E+08	813090	69.08	0.314	35.69701	-79.6258
27317	16959	7172	1.39E+08	9358660	53.671	3.613	35.84074	-79.8025
27320	39351	18061	6.51E+08	8407291	251.438	3.246	36.34164	-79.6575
27325	6704	3123	2.28E+08	1665431	88.16	0.643	35.46435	-79.5789
27326	4008	1882	1.84E+08	872347	70.874	0.337	36.46168	-79.5564
27330	37947	15821	5.32E+08	7164848	205.535	2.766	35.5129	-79.1942
27332	30236	12269	2.72E+08	6036763	105.028	2.331	35.38473	-79.1372
27340	120	76	146351	0	0.057	0	35.94587	-79.3172
27341	5360	2475	2.45E+08	204954	94.621	0.079	35.52415	-79.6994
27343	1716	1248	1.2E+08	13710816	46.162	5.294	36.50325	-79.0916
27344	18022	7344	4.3E+08	2934003	165.848	1.133	35.72303	-79.4346
27349	5511	2393	1.58E+08	1825176	60.97	0.705	35.90131	-79.4161
27350	6530	2758	96391733	1648580	37.217	0.637	35.80825	-79.8882
27355	2660	1167	89522312	213953	34.565	0.083	35.79497	-79.574
27356	3205	1545	1.46E+08	154855	56.36	0.06	35.43687	-79.8043
27357	7894	3340	1.1E+08	4598651	42.417	1.776	36.2666	-79.9706
27358	14075	5349	1.41E+08	2927834	54.464	1.13	36.22823	-79.8801
27360	46084	20070	2.28E+08	1091835	88.131	0.422	35.85934	-80.1003
27370	15052	6194	1.57E+08	618984	60.529	0.239	35.80928	-79.978
27371	8132	3658	4.19E+08	3412656	161.849	1.318	35.40686	-79.9681
27376	9386	4418	1.81E+08	4834984	69.758	1.867	35.24397	-79.5221
27377	7104	3323	66301306	558455	25.599	0.216	36.04269	-79.6087
27379	4661	2210	2.21E+08	2089989	85.426	0.807	36.3741	-79.3345
27401	21932	9340	16093119	83541	6.214	0.032	36.06914	-79.7652
27403	21958	9286	15609734	10371	6.027	0.004	36.06597	-79.8244
27405	44567	19784	80309965	706522	31.008	0.273	36.11441	-79.7358
27406	56458	24862	1.8E+08	2080411	69.409	0.803	36.00054	-79.7647
27407	46242	21134	78460914	814193	30.294	0.314	36.0086	-79.8782
27408	17296	8641	19749515	351590	7.625	0.136	36.10367	-79.8137

27409	15621	8561	50385075	186537	19.454	0.072	36.10373	-79.9398
27410	52388	24971	84668179	2496902	32.691	0.964	36.11752	-79.8942
27455	28706	12833	76787939	4128690	29.648	1.594	36.18408	-79.8105
27501	17571	7091	1.58E+08	1363878	61.155	0.527	35.48494	-78.6846
27502	30831	11175	73384488	6039813	28.334	2.332	35.7124	-78.9155
27503	3471	1470	94454745	3528431	36.469	1.362	36.15258	-78.8843
27504	14566	6224	2.34E+08	1308251	90.385	0.505	35.40031	-78.5183
27505	5896	2428	1.47E+08	654835	56.829	0.253	35.42337	-79
27507	1929	913	1.23E+08	2066983	47.667	0.798	36.51355	-78.5695
27508	2053	781	27094655	65118	10.461	0.025	35.95658	-78.2482
27509	10167	1617	40421069	205203	15.607	0.079	36.13041	-78.7744
27510	14644	7571	9698281	14035	3.745	0.005	35.91578	-79.0826
27511	32029	13926	30350436	561857	11.718	0.217	35.76337	-78.7882
27513	40755	17067	40936671	1075262	15.806	0.415	35.8021	-78.8027
27514	32110	11631	50317319	434865	19.428	0.168	35.96674	-79.0494
27516	36139	14524	2.41E+08	2212786	92.891	0.854	35.9062	-79.1549
27517	23346	11279	1.19E+08	14975202	45.967	5.782	35.8503	-79.0232
27518	19630	8315	24922416	436004	9.623	0.168	35.72974	-78.7738
27519	39178	14829	56392086	233322	21.773	0.09	35.80958	-78.8841
27520	36357	14567	1.89E+08	381928	73.013	0.147	35.61793	-78.4762
27521	6035	2519	67232974	414285	25.959	0.16	35.41212	-78.6559
27522	12335	5257	1.87E+08	13721701	72.305	5.298	36.10549	-78.675
27523	9552	3984	1.07E+08	14210457	41.314	5.487	35.77362	-78.9569
27524	12338	5324	3.42E+08	4183361	131.884	1.615	35.39456	-78.3876
27525	13338	5797	2.4E+08	752411	92.51	0.291	36.13598	-78.4581
27526	38894	15278	2.51E+08	2191140	96.927	0.846	35.54147	-78.8314
27527	18216	6510	1.14E+08	386313	43.921	0.149	35.65397	-78.3817
27529	42128	16867	1.5E+08	1541202	57.771	0.595	35.65563	-78.5849
27530	40117	17619	2.74E+08	4303055	105.784	1.661	35.38117	-78.0625
27531	594	0	9295097	0	3.589	0	35.343	-77.9644
27534	31364	14048	1.87E+08	1856264	72.285	0.717	35.37334	-77.8966
27536	17289	7971	33045199	99254	12.759	0.038	36.32673	-78.4091
27537	24319	10468	4.95E+08	29659373	191.275	11.452	36.3718	-78.3979
27539	18692	7020	81691157	1665381	31.541	0.643	35.67654	-78.8134
27540	29363	10393	1.2E+08	1380053	46.372	0.533	35.61561	-78.884
27541	3770	1684	1.8E+08	656652	69.45	0.254	36.26486	-79.0832
27542	9133	3983	2.23E+08	4077698	86.004	1.574	35.61827	-78.1368
27544	4449	1809	1.58E+08	209850	61.061	0.081	36.19979	-78.4466
27545	23006	9242	75112251	215514	29.001	0.083	35.78369	-78.4782
27546	19471	7449	3.21E+08	5353072	123.764	2.067	35.3827	-78.866
27549	24112	11332	6.25E+08	4230524	241.432	1.633	36.10166	-78.2322
27551	1962	1625	2.18E+08	8415576	84.058	3.249	36.43284	-78.0502
27553	2937	1202	95818381	16262234	36.996	6.279	36.48656	-78.3053
27555	441	212	1003888	0	0.388	0	35.56268	-78.2041
27556	346	146	4966279	0	1.917	0	36.40837	-78.3148
27557	7509	3121	1.59E+08	1969395	61.513	0.76	35.77914	-78.1985
27559	2288	1024	1.25E+08	4666022	48.328	1.802	35.62824	-79.103

27560	22623	10576	75500429	2185534	29.151	0.844	35.85847	-78.8283
27562	1938	893	1.39E+08	11657206	53.772	4.501	35.64179	-78.9904
27563	5008	2402	1.83E+08	521220	70.819	0.201	36.42562	-78.2358
27565	25255	10876	8.58E+08	2434159	331.353	0.94	36.36166	-78.6493
27568	480	246	607843	0	0.235	0	35.51012	-78.2451
27569	8022	3346	2.11E+08	713635	81.421	0.276	35.42907	-78.1827
27571	3893	1386	11439843	234711	4.417	0.091	35.9196	-78.4584
27572	6546	2883	2.66E+08	1249201	102.801	0.482	36.25516	-78.8775
27573	11414	5411	46115632	112641	17.805	0.043	36.3966	-78.9761
27574	14373	6374	4.86E+08	13975675	187.627	5.396	36.47836	-78.8649
27576	17091	7055	2.15E+08	343050	83.127	0.132	35.57948	-78.2606
27577	22911	9197	2.7E+08	1396720	104.114	0.539	35.48972	-78.333
27581	3049	1291	88997480	1637378	34.362	0.632	36.20478	-78.726
27582	289	141	8233520	17604	3.179	0.007	36.46732	-78.5766
27583	6921	2895	1.2E+08	360807	46.279	0.139	36.29296	-78.9354
27587	53078	20117	2.71E+08	13612116	104.788	5.256	35.98241	-78.5517
27589	8370	4027	4.5E+08	1135122	173.638	0.438	36.32254	-78.1335
27591	19589	7677	1.72E+08	974973	66.313	0.376	35.78417	-78.389
27592	15244	5731	1.08E+08	559464	41.638	0.216	35.56014	-78.6739
27596	15619	6224	1.44E+08	817417	55.748	0.316	36.00482	-78.4405
27597	22181	9159	3.18E+08	2128700	122.637	0.822	35.84102	-78.3027
27601	9450	4189	4647348	0	1.794	0	35.77363	-78.6345
27603	47033	19550	1.34E+08	1294904	51.609	0.5	35.66465	-78.6536
27604	42204	18433	55870836	665291	21.572	0.257	35.81997	-78.5587
27605	4495	3031	2555890	0	0.987	0	35.79061	-78.6546
27606	43210	19275	64224192	2330243	24.797	0.9	35.74232	-78.7155
27607	25188	8127	41698584	71326	16.1	0.028	35.81374	-78.7196
27608	10429	5196	8329144	0	3.216	0	35.80905	-78.6472
27609	32964	16243	28937963	119519	11.173	0.046	35.84377	-78.6336
27610	65648	23846	1.11E+08	436529	42.717	0.169	35.7444	-78.5463
27612	35028	18005	48588958	602179	18.76	0.233	35.85387	-78.7085
27613	42690	18784	63722629	425643	24.603	0.164	35.9261	-78.7114
27614	31516	12279	70149827	6056143	27.085	2.338	35.94831	-78.6216
27615	42166	18672	50073590	352018	19.334	0.136	35.89851	-78.6355
27616	42294	15973	57547787	240777	22.219	0.093	35.86692	-78.5417
27617	15199	7615	21770058	5659	8.405	0.002	35.90787	-78.773
27701	21288	10501	13667543	1025	5.277	0	35.99924	-78.8979
27703	41937	17221	1.41E+08	8398834	54.605	3.243	35.95925	-78.8068
27704	34517	14504	1.04E+08	13288202	40.306	5.131	36.04245	-78.8288
27705	46282	20402	1.14E+08	932767	43.878	0.36	36.02594	-78.9789
27707	45023	20962	55102696	226320	21.275	0.087	35.95453	-78.9533
27709	1047	407	1011976	8545	0.391	0.003	35.92425	-78.8328
27712	20035	8276	86685575	2451836	33.469	0.947	36.0953	-78.9011
27713	46660	21901	84320245	1033318	32.556	0.399	35.89504	-78.9237
27801	21740	9978	1.8E+08	690749	69.594	0.267	35.91328	-77.7308
27803	21227	9786	1.04E+08	2012879	40.316	0.777	35.90305	-77.8562
27804	29058	13402	1.09E+08	549137	42.246	0.212	35.99064	-77.8424

27805	3992	1846	2.87E+08	0	110.935	0	36.20774	-77.0842
27806	2331	1568	3.58E+08	92660352	138.101	35.776	35.305	-76.7561
27807	6629	2647	1.29E+08	534411	49.982	0.206	35.8045	-78.0955
27808	2225	1482	1.08E+08	48914890	41.829	18.886	35.46742	-76.7592
27809	5091	2066	1.94E+08	358616	74.833	0.138	36.01678	-77.7416
27810	4377	2765	3.37E+08	1.37E+08	130.086	52.95	35.53173	-76.5255
27812	2593	1246	1.6E+08	0	61.916	0	35.81561	-77.3693
27813	747	329	2873801	10166	1.11	0.004	35.6347	-77.9377
27814	1676	1322	1.65E+08	37722634	63.865	14.565	35.39866	-76.9188
27816	2516	1148	1.57E+08	630598	60.456	0.243	36.10899	-78.0703
27817	7358	3601	2.91E+08	11158988	112.358	4.309	35.45115	-77.0697
27818	1344	679	1.58E+08	3065602	61.041	1.184	36.49973	-77.0185
27819	330	152	2800259	0	1.081	0	35.81599	-77.4549
27820	3088	1489	1.46E+08	423885	56.271	0.164	36.42152	-77.2416
27821	358	199	16841458	256684	6.503	0.099	35.32207	-76.8741
27822	8143	3578	2.37E+08	1508827	91.474	0.583	35.80478	-77.839
27823	8201	3698	4.89E+08	1886785	188.918	0.728	36.21348	-77.7057
27824	1476	826	2.54E+08	56841608	98.025	21.947	35.51321	-76.0372
27825	103	59	1210510	0	0.467	0	35.83282	-77.1744
27826	1379	363	1.91E+08	3232177	73.611	1.248	35.58874	-76.2153
27827	33	17	247835	0	0.096	0	35.69664	-77.5132
27828	9071	4042	1.99E+08	105736	76.885	0.041	35.58514	-77.5772
27829	1930	956	1.27E+08	212128	49.18	0.082	35.68397	-77.6265
27830	4755	2324	1.57E+08	184513	60.584	0.071	35.56417	-77.9503
27831	3908	1895	1.7E+08	6531632	65.665	2.522	36.45961	-77.577
27832	2847	1397	78295358	11012197	30.23	4.252	36.52156	-77.7347
27834	52914	24429	4.58E+08	2895762	176.907	1.118	35.65756	-77.38
27837	5903	2371	1.54E+08	970927	59.591	0.375	35.51668	-77.2111
27839	4001	1647	3.69E+08	291749	142.512	0.113	36.28074	-77.5559
27840	514	269	32637901	13587	12.602	0.005	35.98269	-77.2146
27841	84	40	669650	0	0.259	0	35.90856	-77.2763
27842	1493	1867	27953453	14227190	10.793	5.493	36.52173	-77.8521
27843	1157	600	1.54E+08	22615	59.566	0.009	35.99556	-77.4
27844	2950	1317	1.1E+08	375768	42.658	0.145	36.2495	-77.9432
27845	2394	991	2.59E+08	1447685	99.926	0.559	36.37127	-77.44
27846	2988	1411	2.51E+08	372917	96.846	0.144	35.75857	-76.8975
27847	936	452	96622019	445201	37.306	0.172	36.18317	-77.1947
27849	1544	705	1.98E+08	1716098	76.489	0.663	36.07731	-77.215
27850	7247	5411	4.84E+08	30167010	186.737	11.648	36.41239	-77.8802
27851	5268	2213	1.16E+08	54570	44.792	0.021	35.64005	-78.0307
27852	2977	1349	1.26E+08	529515	48.615	0.204	35.75046	-77.6369
27853	673	320	1.1E+08	266479	42.549	0.103	36.51373	-77.3042
27855	6456	2752	1.42E+08	952693	54.663	0.368	36.41564	-77.0693
27856	17141	6917	3.36E+08	1020758	129.812	0.394	36.01368	-77.9806
27857	1298	699	1.64E+08	132190	63.166	0.051	35.97279	-77.2863
27858	55781	25070	1.56E+08	530747	60.243	0.205	35.53171	-77.2839
27860	2246	1093	3.71E+08	4391861	143.328	1.696	35.65006	-76.6762

27861	71	42	1576350	0	0.609	0	35.81485	-77.3202
27862	877	429	1.04E+08	609340	40.09	0.235	36.4902	-77.1883
27863	11735	4796	1.75E+08	460320	67.585	0.178	35.48814	-77.9717
27864	4779	2004	1.05E+08	124891	40.368	0.048	35.80705	-77.6514
27865	1927	868	2.24E+08	1259041	86.523	0.486	35.65624	-76.8516
27866	855	390	67184780	225782	25.94	0.087	36.51987	-77.5146
27869	2258	1177	2.12E+08	2165746	81.865	0.836	36.26711	-77.3134
27870	27236	12341	1.76E+08	7424303	67.949	2.867	36.41901	-77.7159
27871	4619	2223	2.49E+08	48181	96.314	0.019	35.80207	-77.2606
27872	375	210	32696454	58933	12.624	0.023	36.19276	-77.2539
27873	397	187	1620173	0	0.626	0	35.65359	-77.7752
27874	4861	2472	3.38E+08	2163687	130.429	0.835	36.13666	-77.4086
27875	517	285	1.43E+08	98661660	55.14	38.093	35.45571	-76.5047
27876	1302	705	1.08E+08	554255	41.775	0.214	36.472	-77.3913
27878	1931	912	4756068	0	1.836	0	35.86688	-77.8349
27879	311	168	761808	0	0.294	0	35.57439	-77.2795
27880	3304	1319	67239591	4126817	25.961	1.593	35.73074	-78.0806
27881	61	31	1760083	0	0.68	0	35.97841	-77.4366
27882	7413	3335	2.57E+08	773827	99.102	0.299	35.94166	-78.1156
27883	3565	1578	1.98E+08	674673	76.639	0.26	35.60054	-77.8037
27884	1282	554	85630148	132165	33.062	0.051	35.70285	-77.2703
27885	984	616	3.23E+08	1.09E+08	124.606	41.926	35.3862	-76.2749
27886	21591	9121	5E+08	2167227	193.004	0.837	35.90453	-77.5117
27888	2560	1046	1.23E+08	60109	47.594	0.023	35.58928	-77.716
27889	27468	12692	5.08E+08	33055417	196.293	12.763	35.58264	-77.012
27890	2521	1217	23191883	132385	8.954	0.051	36.41418	-77.5877
27891	5227	2299	3.66E+08	573182	141.398	0.221	36.09774	-77.7428
27892	15182	7095	5E+08	235542	193.116	0.091	35.81228	-77.0522
27893	39723	17743	2.85E+08	3072202	110.19	1.186	35.69271	-77.9007
27896	20130	8489	89567154	1235687	34.582	0.477	35.79077	-77.9768
27897	2265	1098	1.11E+08	0	42.851	0	36.32499	-77.2107
27909	40699	16861	5.88E+08	68502072	226.901	26.449	36.28875	-76.2684
27910	12007	5413	3.52E+08	159545	135.907	0.062	36.29007	-76.9932
27915	777	1650	20597769	12288445	7.953	4.745	35.4341	-75.4916
27916	747	333	20081953	0	7.754	0	36.32201	-75.9151
27917	833	329	52096680	10704399	20.115	4.133	36.35521	-75.9976
27919	1130	576	1.51E+08	8506	58.224	0.003	36.30817	-76.5043
27920	1326	877	9470003	2458221	3.656	0.949	35.25949	-75.5533
27921	4805	1965	1.88E+08	10105194	72.416	3.902	36.35206	-76.1879
27922	1030	514	1.09E+08	2551221	41.987	0.985	36.31676	-76.8422
27923	598	329	18664473	66370276	7.206	25.626	36.40168	-75.9282
27924	3140	1565	2.44E+08	16781121	94.113	6.479	36.16845	-76.8325
27925	4217	1965	6.25E+08	1.11E+08	241.155	42.885	35.85614	-76.1938
27926	1915	770	92604145	13058	35.755	0.005	36.50512	-76.6049
27927	542	4394	68957855	1.13E+08	26.625	43.509	36.34135	-75.8526
27928	1986	986	1.78E+08	64912517	68.583	25.063	35.82442	-76.4386
27929	1166	537	15347523	16953135	5.926	6.546	36.43545	-75.987

27932	12562	6209	3.06E+08	12109568	118.158	4.676	36.10782	-76.6079
27935	1698	764	1.55E+08	5122251	59.963	1.978	36.43108	-76.8681
27936	1091	1071	24333536	3891031	9.395	1.502	35.2422	-75.5778
27937	4333	1763	2.19E+08	1552072	84.417	0.599	36.50433	-76.7807
27938	1505	659	1.32E+08	5993484	50.857	2.314	36.3843	-76.716
27939	2361	1274	17120910	26473813	6.61	10.222	36.23843	-75.8431
27941	536	259	8158609	0	3.15	0	36.10253	-75.8169
27942	901	447	86253480	9210518	33.303	3.556	36.29737	-76.7507
27943	504	876	7334054	5541476	2.832	2.14	35.22443	-75.6789
27944	11909	6200	4.79E+08	69823879	184.982	26.959	36.17343	-76.4213
27946	1207	573	1.11E+08	1315	42.694	0.001	36.36344	-76.6015
27947	1230	587	31260825	3671356	12.07	1.418	36.19369	-75.877
27948	10862	9024	23945936	15894629	9.246	6.137	36.01923	-75.6922
27949	6947	8569	39333499	58127518	15.187	22.443	36.10894	-75.7605
27950	2006	912	77400757	57008649	29.885	22.011	36.50969	-75.9964
27953	1021	573	7.13E+08	1.75E+08	275.478	67.568	35.77999	-75.8814
27954	6111	3479	22887074	13851934	8.837	5.348	35.91015	-75.6778
27956	340	130	12030150	30840	4.645	0.012	36.40158	-76.0007
27957	1356	728	1.1E+08	26306689	42.495	10.157	36.0663	-76.7591
27958	10144	3887	2.28E+08	19725530	88.198	7.616	36.4843	-76.1384
27959	2789	4946	38034428	45416112	14.685	17.535	35.88694	-75.6064
27960	948	983	22725476	19147396	8.774	7.393	35.07323	-75.9985
27962	7792	3668	2.31E+08	474204	89.108	0.183	35.78989	-76.7448
27964	545	327	3823958	9655079	1.476	3.728	36.08305	-75.8062
27965	527	285	41698460	30671302	16.1	11.842	36.26769	-75.9275
27966	1052	485	26488239	43854584	10.227	16.932	36.14973	-75.8023
27967	366	201	9594502	0	3.704	0	36.22947	-76.905
27968	298	654	20189282	13219774	7.795	5.104	35.73242	-75.5099
27970	3409	1818	2.94E+08	17950516	113.477	6.931	35.83911	-76.6493
27972	244	641	3682046	3420722	1.422	1.321	35.55287	-75.4712
27973	1323	546	97476799	156116	37.636	0.06	36.37121	-76.0555
27974	1285	585	1.19E+08	66292546	45.884	25.596	36.24302	-75.9895
27976	3449	1365	2.76E+08	0	106.466	0	36.48787	-76.3507
27978	225	127	41620340	17565629	16.07	6.782	35.72741	-75.7399
27979	1719	769	1.87E+08	895870	72.097	0.346	36.43677	-76.5607
27980	2182	1052	1.34E+08	231486	51.649	0.089	36.24532	-76.6194
27981	1643	794	20458029	5072692	7.899	1.959	35.85286	-75.6374
27982	82	211	818871	0	0.316	0	35.56503	-75.4663
27983	10416	4486	8.61E+08	63417274	332.483	24.486	35.96846	-76.9179
27985	283	148	2406546	4876	0.929	0.002	36.2116	-76.4567
27986	2430	631	39990440	2952085	15.44	1.14	36.38989	-76.921
28001	26760	12475	3.44E+08	4510803	132.967	1.742	35.33858	-80.2082
28006	1130	509	13877819	18657	5.358	0.007	35.41041	-81.0923
28007	611	299	3402388	0	1.314	0	35.10459	-80.1099
28009	1121	601	7413324	1404114	2.862	0.542	35.40917	-80.1082
28012	20048	8633	70867161	9896910	27.362	3.821	35.20809	-81.04
28016	13463	5963	1.11E+08	1025820	42.934	0.396	35.31518	-81.2832

28017	695	0	441239	0	0.17	0	35.24706	-81.6707
28018	5562	2720	2.57E+08	183923	99.265	0.071	35.49078	-81.8027
28019	123	53	392422	0	0.152	0	35.27671	-81.7877
28020	2322	1102	1.13E+08	0	43.56	0	35.52505	-81.6414
28021	13612	6030	1.62E+08	2746675	62.641	1.06	35.40077	-81.4033
28023	14175	5966	1.2E+08	357663	46.333	0.138	35.56771	-80.6023
28025	49160	20326	2.82E+08	382587	108.899	0.148	35.38268	-80.5235
28027	55435	22169	1.78E+08	5103808	68.603	1.971	35.40807	-80.6822
28031	24390	11619	37508358	30439655	14.482	11.753	35.47395	-80.8984
28032	3105	1464	6037220	451502	2.331	0.174	35.23303	-81.0795
28033	2749	1127	40241719	222640	15.537	0.086	35.41927	-81.3283
28034	16642	7004	1.17E+08	951107	45.349	0.367	35.35366	-81.1789
28036	14654	5640	58511314	1557010	22.591	0.601	35.48055	-80.7925
28037	18287	8266	1.15E+08	22276587	44.345	8.601	35.50903	-81.0203
28039	116	59	220166	0	0.085	0	35.67884	-80.4374
28040	7969	3648	1.84E+08	23306	71.176	0.009	35.3892	-81.7581
28043	21055	9723	1.64E+08	293898	63.364	0.113	35.30624	-81.8728
28052	34932	14814	1.09E+08	560177	42.145	0.216	35.21466	-81.2332
28054	36270	16398	51784967	182719	19.994	0.071	35.26288	-81.1491
28056	31418	12943	1.23E+08	841208	47.553	0.325	35.21694	-81.125
28071	2802	1226	1.18E+08	125634	45.588	0.049	35.51763	-80.3163
28072	1357	578	2810890	0	1.085	0	35.61407	-80.4452
28073	5621	2360	66431183	135755	25.649	0.052	35.19857	-81.4838
28075	16143	5781	54811475	0	21.163	0	35.30275	-80.6399
28076	722	358	3462588	0	1.337	0	35.25915	-81.7886
28077	482	227	1514405	24382	0.585	0.009	35.4048	-81.2028
28078	52133	20596	1.65E+08	3775051	63.802	1.458	35.40529	-80.864
28079	31979	11431	1.14E+08	1030955	43.906	0.398	35.11471	-80.6004
28080	7299	2986	1.02E+08	358922	39.503	0.139	35.45317	-81.1096
28081	25190	10850	78789539	1107303	30.421	0.428	35.50282	-80.6702
28083	23820	10548	51914685	1294372	20.044	0.5	35.4896	-80.5807
28086	25895	11200	2.28E+08	2097876	88.014	0.81	35.24395	-81.3789
28088	2862	1316	6859334	0	2.648	0	35.54428	-80.6146
28089	248	53	642772	0	0.248	0	35.31823	-81.6596
28090	8342	3704	2.43E+08	703019	93.631	0.271	35.45466	-81.5596
28091	2158	1175	2.45E+08	11584961	94.669	4.473	34.98739	-79.933
28092	38570	16585	3.18E+08	1612218	122.596	0.622	35.48646	-81.2539
28097	5369	2282	78751049	0	30.406	0	35.29672	-80.3931
28098	3579	1568	8813403	178593	3.403	0.069	35.27104	-81.0986
28101	698	306	2318621	133906	0.895	0.052	35.25796	-81.0777
28102	78	33	1312799	0	0.507	0	34.81843	-79.9723
28103	10311	4217	4E+08	4544180	154.545	1.755	34.99893	-80.3513
28104	28040	10148	75706335	873831	29.23	0.337	35.06087	-80.6933
28105	39586	16107	61653058	427942	23.804	0.165	35.1156	-80.7137
28107	6422	2664	1.28E+08	100340	49.598	0.039	35.25286	-80.5187
28108	54	22	516881	10775	0.2	0.004	34.93478	-80.6812
28109	387	88	4357146	8576	1.682	0.003	35.49697	-80.2885

28110	50365	18609	3.33E+08	5012201	128.635	1.935	35.06532	-80.5249
28112	26311	10254	3.42E+08	4351884	132.067	1.68	34.88993	-80.5495
28114	7554	3421	1.69E+08	1678040	65.241	0.648	35.23044	-81.7477
28115	34339	14162	1.91E+08	429492	73.754	0.166	35.58458	-80.7789
28117	35454	15417	1.03E+08	41221105	39.906	15.916	35.5657	-80.8983
28119	2801	1279	1.71E+08	839760	65.993	0.324	34.85108	-80.017
28120	19807	8354	78768672	5320678	30.413	2.054	35.32865	-81.0264
28124	6622	2654	1.47E+08	436525	56.933	0.169	35.39965	-80.4088
28125	2525	1069	99624303	106865	38.465	0.041	35.65903	-80.6986
28127	7594	5033	1.8E+08	24777540	69.503	9.567	35.46823	-80.1827
28128	7476	3750	1.77E+08	9609136	68.252	3.71	35.2107	-80.1545
28129	5399	2437	1.11E+08	0	42.687	0	35.23166	-80.3272
28133	2878	1306	2.07E+08	156592	79.904	0.06	34.84493	-80.2657
28134	9453	4287	22172460	101080	8.561	0.039	35.0854	-80.8931
28135	6123	1799	2.59E+08	178580	100.097	0.069	35.02976	-80.2173
28137	3120	1380	1.15E+08	5086968	44.227	1.964	35.56311	-80.2364
28138	10495	4398	1.15E+08	174831	44.378	0.068	35.51538	-80.4388
28139	20111	9304	4.53E+08	436776	175.003	0.169	35.34836	-81.9947
28144	24734	11233	77427982	1112419	29.895	0.43	35.70669	-80.4648
28146	27614	12701	2.57E+08	23480583	99.256	9.066	35.6193	-80.3933
28147	24697	9845	2.03E+08	22927	78.541	0.009	35.68112	-80.5629
28150	28098	13068	2.77E+08	3031880	107.034	1.171	35.3427	-81.5762
28152	24735	10811	2.14E+08	790138	82.712	0.305	35.24272	-81.5994
28159	3108	1351	6384367	0	2.465	0	35.69475	-80.4319
28160	3929	1866	14507217	0	5.601	0	35.36102	-81.9223
28163	5233	2106	90942916	0	35.113	0	35.20749	-80.4285
28164	14085	5857	1.09E+08	927507	42.172	0.358	35.38944	-81.0371
28166	8619	3836	74767961	4009956	28.868	1.548	35.68279	-80.8755
28167	2362	1214	1.84E+08	82864	71.169	0.032	35.5084	-81.9669
28168	10230	4365	2.25E+08	902336	86.744	0.348	35.55236	-81.4251
28169	173	83	1450977	0	0.56	0	35.35847	-81.4294
28170	12355	5712	4.84E+08	1868381	186.9	0.721	34.99873	-80.0988
28173	45097	15103	2.78E+08	3735118	107.521	1.442	34.91616	-80.7314
28174	8608	2905	93243223	1137064	36.001	0.439	34.96904	-80.4396
28202	11195	6303	4666679	5315	1.802	0.002	35.22727	-80.8442
28203	11315	7544	8592352	0	3.318	0	35.20819	-80.8591
28204	4796	2986	4477542	0	1.729	0	35.21462	-80.827
28205	43931	20944	30619956	27032	11.822	0.01	35.21879	-80.7896
28206	11898	4663	18279032	2917	7.058	0.001	35.25613	-80.821
28207	9280	4205	6520758	20241	2.518	0.008	35.19415	-80.8246
28208	34167	14892	56999240	78919	22.008	0.03	35.23043	-80.9075
28209	20317	11007	14202148	29335	5.483	0.011	35.17871	-80.854
28210	42263	21115	32901568	208017	12.703	0.08	35.12992	-80.8562
28211	28523	13788	27907606	48682	10.775	0.019	35.16634	-80.7973
28212	38457	16957	23932279	147847	9.24	0.057	35.1877	-80.7446
28213	37309	15784	35786462	231452	13.817	0.089	35.28603	-80.7344
28214	34721	13701	84799291	4576637	32.741	1.767	35.27525	-80.9681

28215	53629	20940	79070842	532987	30.529	0.206	35.24498	-80.6935
28216	47208	19213	77432284	1572804	29.897	0.607	35.31145	-80.888
28217	24204	10247	38369765	356208	14.815	0.138	35.1689	-80.9083
28226	37286	16730	38634466	403743	14.917	0.156	35.1027	-80.8221
28227	49635	19967	1E+08	804236	38.696	0.311	35.1894	-80.6455
28244	0	0	19679	0	0.008	0	35.22461	-80.8431
28262	37547	15104	56235018	258611	21.712	0.1	35.32206	-80.74
28269	71048	28886	78817035	673145	30.431	0.26	35.33731	-80.8035
28270	31525	12854	32668901	130891	12.614	0.051	35.11208	-80.7644
28273	31478	13237	56686539	347841	21.887	0.134	35.12737	-80.9468
28277	59664	25176	60593549	786567	23.395	0.304	35.05288	-80.8176
28278	19283	7858	73759178	9591354	28.479	3.703	35.1334	-81.0094
28280	10	6	19577	0	0.008	0	35.22633	-80.8431
28282	0	0	18417	0	0.007	0	35.22482	-80.8453
28301	17165	7693	31810217	361957	12.282	0.14	35.0748	-78.8843
28303	30909	14646	43339459	622490	16.733	0.24	35.08596	-78.9595
28304	37147	16029	42717170	568757	16.493	0.22	35.02553	-78.9896
28305	6073	3366	6734527	150377	2.6	0.058	35.05261	-78.9072
28306	39683	16069	1.78E+08	2484549	68.691	0.959	34.9585	-78.8968
28307	17631	5294	30294513	37064	11.697	0.014	35.13856	-78.9819
28308	405	35	9593022	38531	3.704	0.015	35.17155	-79.0171
28310	3459	0	11754789	54691	4.539	0.021	35.16347	-79.0379
28311	34567	15746	97177782	1313750	37.521	0.507	35.16778	-78.8878
28312	18538	8043	4.35E+08	4022465	168.096	1.553	34.94775	-78.7381
28314	54520	24124	59675644	1115275	23.041	0.431	35.05291	-79.0299
28315	11681	5323	1.66E+08	868885	63.942	0.335	35.11689	-79.4322
28318	4627	2085	2.06E+08	97373	79.657	0.038	35.01987	-78.6136
28320	9229	4345	3.08E+08	622304	119.092	0.24	34.55812	-78.7727
28323	3182	1365	97374249	636973	37.596	0.246	35.31416	-78.8349
28325	508	223	2203865	0	0.851	0	35.15392	-78.1041
28326	17646	6599	3.01E+08	1754809	116.352	0.678	35.27383	-79.1594
28327	15433	6958	4.93E+08	3445373	190.439	1.33	35.35459	-79.4165
28328	27042	11377	6.61E+08	1668060	255.158	0.644	35.0035	-78.3379
28330	346	160	641824	0	0.248	0	34.9096	-79.822
28332	482	220	5126754	0	1.979	0	34.65904	-78.7379
28333	11830	4906	1.22E+08	1058022	47.245	0.409	35.28431	-78.0127
28334	24908	11119	4.15E+08	4054098	160.266	1.565	35.27221	-78.5681
28337	10670	5994	4.14E+08	10734819	159.77	4.145	34.65705	-78.5616
28338	4607	2151	3.71E+08	2483314	143.334	0.959	35.10771	-79.7597
28339	6751	2962	92817363	1572156	35.837	0.607	35.31054	-78.7327
28340	10765	4643	3.25E+08	658674	125.352	0.254	34.47135	-79.1344
28341	4257	1863	2.43E+08	741572	93.701	0.286	35.12011	-78.1741
28342	298	100	3212871	3762	1.24	0.001	35.19118	-78.6513
28343	1685	737	46282477	68104	17.87	0.026	34.75736	-79.5649
28344	3415	1316	1E+08	195264	38.687	0.075	35.1605	-78.6245
28345	12592	5605	1.84E+08	1068589	70.858	0.413	34.87355	-79.6706
28347	1983	515	1.33E+08	487933	51.399	0.188	35.05832	-79.6006

28348	33307	12919	1.15E+08	1240503	44.283	0.479	34.91526	-78.9267
28349	3724	1645	1.75E+08	1352947	67.467	0.522	34.98116	-77.9271
28350	305	138	1675908	216553	0.647	0.084	35.24316	-79.314
28351	4759	1998	1.46E+08	1014001	56.553	0.392	34.84827	-79.5639
28352	25641	10644	3.22E+08	1162741	124.439	0.449	34.76733	-79.4511
28356	5018	2098	1.42E+08	1443114	54.886	0.557	35.23592	-78.791
28357	3125	1272	91792034	168251	35.441	0.065	34.90189	-79.0828
28358	38738	15819	5.2E+08	1010475	200.959	0.39	34.60811	-78.9345
28360	14263	5322	1.7E+08	398303	65.726	0.154	34.67033	-79.0749
28363	1202	531	1.48E+08	967463	57.301	0.374	34.95709	-79.546
28364	14809	5735	3.51E+08	1039309	135.488	0.401	34.70718	-79.3235
28365	17144	7425	4.99E+08	2856065	192.584	1.103	35.17257	-78.0524
28366	5061	2213	2.19E+08	774703	84.579	0.299	35.23027	-78.362
28367	87	50	762765	0	0.295	0	35.1727	-79.7252
28369	2652	1137	1.92E+08	163324	74.151	0.063	34.42337	-79.0294
28371	6519	2601	89745915	793819	34.651	0.306	34.90317	-78.9796
28372	14783	5182	1.13E+08	0	43.8	0	34.69687	-79.1776
28373	2150	980	33485711	159418	12.929	0.062	35.09132	-79.4885
28374	15990	9228	57526238	1834958	22.211	0.708	35.19745	-79.463
28375	102	49	740153	0	0.286	0	34.47574	-79.0386
28376	37991	14771	3.74E+08	1488076	144.453	0.575	34.99241	-79.2426
28377	12666	4849	2.61E+08	1191973	100.849	0.46	34.82688	-79.2132
28379	26388	11968	4.02E+08	9121842	155.061	3.522	34.93028	-79.7786
28382	7056	3126	3.06E+08	827426	118.096	0.319	34.97128	-78.5178
28383	8080	3300	2.7E+08	45418	104.356	0.018	34.57697	-79.2627
28384	12097	4717	2.52E+08	371438	97.463	0.143	34.79709	-78.9609
28385	3029	1400	1.02E+08	378830	39.469	0.146	35.04881	-78.4913
28386	6319	2209	1.17E+08	360184	45.037	0.139	34.85362	-79.1296
28387	13921	7608	75431825	511245	29.124	0.197	35.17946	-79.3763
28390	19942	9257	1.53E+08	1359533	59.011	0.525	35.21874	-78.9582
28391	5302	2262	91772755	87464	35.434	0.034	35.02163	-78.6988
28392	1579	739	1.02E+08	1234427	39.365	0.477	34.73494	-78.8007
28393	2005	838	1.15E+08	209811	44.472	0.081	34.98088	-78.1897
28394	5164	2521	1.13E+08	4979833	43.644	1.923	35.21897	-79.2448
28395	2375	1031	1.24E+08	893707	47.883	0.345	35.13937	-78.7407
28396	2732	1229	1.3E+08	382020	50.005	0.147	34.92725	-79.4016
28398	8112	3566	2.52E+08	1575673	97.23	0.608	34.99504	-78.0717
28399	2140	947	2.41E+08	6487373	93.093	2.505	34.78452	-78.709
28401	22094	11685	62576261	12918324	24.161	4.988	34.27199	-77.9636
28403	36063	18000	36446116	718895	14.072	0.278	34.22168	-77.8806
28405	29152	13933	62328515	1307318	24.065	0.505	34.26318	-77.8664
28409	31296	13104	61681386	15204784	23.815	5.871	34.15485	-77.8627
28411	31962	14105	1.08E+08	5003406	41.828	1.932	34.30194	-77.7928
28412	35573	17462	56229598	13397511	21.71	5.173	34.14376	-77.9282
28420	3886	1742	3.64E+08	721106	140.452	0.278	34.07371	-78.4811
28421	1521	769	1.43E+08	697892	55.371	0.269	34.50582	-78.1684
28422	6641	3747	2.36E+08	4768661	91.174	1.841	34.01895	-78.174

28423	2290	1001	2.07E+08	206114	80.074	0.08	34.31391	-78.3889
28424	128	66	382281	0	0.148	0	34.29029	-78.6997
28425	10906	4661	3.88E+08	1499900	149.718	0.579	34.56221	-77.8944
28428	6033	5941	13319527	6039745	5.143	2.332	34.04684	-77.9097
28429	8026	3238	1.01E+08	5817392	39.184	2.246	34.34121	-77.9002
28430	1900	863	1.05E+08	126937	40.567	0.049	34.29839	-78.9374
28431	7102	3379	1.96E+08	412978	75.559	0.159	34.31426	-78.8384
28432	1968	881	91369797	451806	35.278	0.174	34.16812	-78.7587
28433	5050	2325	2.89E+08	465999	111.616	0.18	34.48851	-78.6167
28434	1329	693	2.09E+08	1779579	80.862	0.687	34.46833	-78.4655
28435	2490	1244	2.48E+08	6423313	95.617	2.48	34.40591	-78.1091
28436	2203	939	97838821	4666	37.776	0.002	34.2751	-78.2672
28438	1845	877	1.21E+08	194587	46.891	0.075	34.40897	-78.9183
28439	1595	831	62210381	198160	24.02	0.077	34.28689	-79.0012
28441	3198	1473	3.31E+08	275539	127.922	0.106	34.80461	-78.4318
28442	1647	829	1.45E+08	0	56.071	0	34.28845	-78.6006
28443	17512	8455	2.97E+08	2230515	114.583	0.861	34.44504	-77.6757
28444	2085	1089	2.31E+08	7474647	89.247	2.886	34.69883	-78.322
28445	5676	6463	1.37E+08	10323018	53.04	3.986	34.48397	-77.5563
28447	1391	749	3E+08	181225	115.977	0.07	34.59905	-78.2633
28448	1243	682	2.45E+08	1953528	94.448	0.754	34.492	-78.3171
28449	1692	1929	10332016	11167158	3.989	4.312	33.97881	-77.9337
28450	2438	1379	1.01E+08	35829311	38.999	13.834	34.32466	-78.5153
28451	27112	12260	3.62E+08	6060293	139.773	2.34	34.23052	-78.0897
28452	694	299	15077508	4966	5.821	0.002	33.99228	-78.5465
28453	3829	1636	2.14E+08	1065509	82.625	0.411	34.88644	-78.0763
28454	2545	1156	1.69E+08	0	65.439	0	34.67813	-77.6509
28455	2117	967	1.98E+08	153131	76.343	0.059	34.11153	-78.6316
28456	3658	1673	1.67E+08	2698699	64.502	1.042	34.37441	-78.2871
28457	9905	4019	3.35E+08	4533086	129.344	1.75	34.4496	-77.8866
28458	6444	2982	2.86E+08	1706243	110.56	0.659	34.81477	-78.0908
28460	7652	6112	90360164	21478317	34.888	8.293	34.54206	-77.4185
28461	16126	10667	1.96E+08	42825569	75.731	16.535	33.96723	-78.0591
28462	11680	11906	2.42E+08	6363965	93.391	2.457	34.02657	-78.2896
28463	9799	3733	3.05E+08	1614680	117.745	0.623	34.10477	-78.7824
28464	2457	1035	59081020	346247	22.811	0.134	34.77664	-78.0173
28465	6531	8714	27410876	8817164	10.583	3.404	33.91232	-78.1025
28466	10103	4662	4.91E+08	2090056	189.527	0.807	34.74125	-77.8757
28467	8703	6519	46605323	1351722	17.994	0.522	33.91964	-78.5937
28468	4375	5741	45170839	5053609	17.441	1.951	33.89962	-78.5191
28469	5839	7411	56826245	4179728	21.941	1.614	33.92632	-78.4674
28470	10644	6182	1.23E+08	4665272	47.395	1.801	33.9641	-78.4034
28472	19658	8771	4.72E+08	1697132	182.242	0.655	34.29857	-78.6899
28478	4588	2129	3.14E+08	435883	121.088	0.168	34.64146	-78.0409
28479	4903	2178	2.37E+08	35342345	91.326	13.646	34.10069	-78.0165
28480	2473	2750	7580267	2390242	2.927	0.923	34.22573	-77.7973
28501	20389	10132	2.75E+08	1996396	106.136	0.771	35.24292	-77.5167

28504	21642	9597	3.21E+08	1665582	123.894	0.643	35.22456	-77.6349
28508	2737	1015	91455197	612312	35.311	0.236	35.09967	-77.8248
28510	1502	1067	53669945	33391070	20.722	12.892	34.98761	-76.8045
28511	694	522	21174431	21565091	8.175	8.326	34.90112	-76.3458
28512	2896	7063	14925726	32108268	5.763	12.397	34.71215	-76.7934
28513	10346	4645	2.35E+08	0	90.784	0	35.44151	-77.3889
28515	2915	1263	1.42E+08	17529668	54.844	6.768	35.18407	-76.6994
28516	11431	6796	5.45E+08	2.66E+08	210.526	102.652	34.9033	-76.5505
28518	7909	3523	2.47E+08	584796	95.315	0.226	34.89482	-77.7475
28519	404	215	794576	1202601	0.307	0.464	35.11973	-77.027
28520	327	241	56986579	1.31E+08	22.003	50.734	34.99193	-76.3233
28521	2287	1057	1.09E+08	281958	41.932	0.109	34.8179	-77.7366
28523	2456	1119	1.45E+08	288460	56.05	0.111	35.21092	-77.286
28524	426	267	14411177	24631622	5.564	9.51	34.79094	-76.4686
28525	3132	1333	1.15E+08	426794	44.422	0.165	35.1255	-77.6913
28526	2489	1205	2.21E+08	577035	85.499	0.223	35.2702	-77.3566
28527	1140	499	1.44E+08	456066	55.566	0.176	35.25946	-77.0304
28528	644	395	7507805	2319143	2.899	0.895	34.73206	-76.5387
28529	2193	1086	1.1E+08	30263439	42.282	11.685	35.07053	-76.8548
28530	7332	3164	1.84E+08	794444	70.965	0.307	35.37477	-77.4153
28531	1207	1177	5804739	4161900	2.241	1.607	34.69874	-76.5585
28532	23320	9350	4.32E+08	93696332	166.678	36.176	34.89534	-76.8906
28533	2952	0	1150938	0	0.444	0	34.90287	-76.9015
28537	137	147	65544780	34146807	25.307	13.184	35.23252	-76.5271
28538	2175	991	75065502	25968	28.983	0.01	35.41665	-77.5651
28539	15469	6303	1.27E+08	12076453	48.96	4.663	34.69678	-77.2133
28540	49252	19803	2.67E+08	1442570	103.198	0.557	34.75459	-77.5074
28543	4699	1430	5339136	1304352	2.061	0.504	34.73449	-77.3767
28544	5368	2273	29403011	45459	11.353	0.018	34.71808	-77.3087
28546	42696	16963	1.45E+08	282779	56.023	0.109	34.79897	-77.3562
28547	21884	1437	67399409	28526809	26.023	11.014	34.66903	-77.367
28551	14093	6144	3.42E+08	1990415	132.127	0.769	35.32132	-77.7809
28552	254	191	42409043	50279552	16.374	19.413	35.30093	-76.5465
28553	454	337	3183544	5172864	1.229	1.997	34.7296	-76.5124
28554	243	106	722658	0	0.279	0	35.47848	-77.5861
28555	5175	2259	3.96E+08	2189778	152.828	0.845	34.87119	-77.225
28556	963	681	1.17E+08	74432461	45.25	28.739	35.114	-76.6256
28557	14429	8037	36782091	23534316	14.202	9.087	34.73896	-76.7492
28560	28921	13616	3.04E+08	65594351	117.334	25.326	35.12585	-76.9772
28562	36176	16926	4.01E+08	9456780	154.816	3.651	35.08163	-77.1269
28570	21432	9900	3.23E+08	22965092	124.844	8.867	34.78152	-76.8575
28571	2585	1899	1.34E+08	60647938	51.651	23.416	35.06847	-76.6917
28572	6531	2896	2.74E+08	1196979	105.826	0.462	35.0279	-77.7364
28573	2176	1068	1.94E+08	2309508	74.754	0.892	34.98507	-77.1488
28574	15102	6007	3.32E+08	399043	128.11	0.154	34.87893	-77.5896
28575	316	1730	1557491	12337892	0.601	4.764	34.70796	-76.8836
28577	522	308	6849785	14332581	2.645	5.534	34.86484	-76.3732

28578	6363	2250	1.65E+08	1313277	63.848	0.507	35.19695	-77.857
28579	622	326	9908690	8034129	3.826	3.102	34.7591	-76.5103
28580	12657	4529	2.95E+08	151410	113.883	0.058	35.45316	-77.6798
28581	214	150	22737871	16109496	8.779	6.22	34.84438	-76.4355
28582	1588	756	42063368	6465026	16.241	2.496	34.7514	-77.1544
28583	281	143	4420021	794474	1.707	0.307	35.13882	-76.7407
28584	11396	6294	1.49E+08	29218815	57.532	11.281	34.73677	-77.0776
28585	3942	1831	4.6E+08	1624309	177.629	0.627	35.07692	-77.4124
28586	8218	3281	3.39E+08	3820697	130.868	1.475	35.31346	-77.1675
28587	369	216	8851246	1948671	3.417	0.752	35.19395	-76.6617
28589	180	99	28123030	2457665	10.858	0.949	34.80844	-76.5109
28590	23407	9703	1.08E+08	27027	41.74	0.01	35.52068	-77.4167
28594	3655	6735	14845458	38177070	5.732	14.74	34.6899	-76.9697
28601	50026	22696	1.19E+08	8377827	46.053	3.235	35.77239	-81.3267
28602	28981	12677	1.8E+08	1124585	69.686	0.434	35.67212	-81.3877
28604	6249	9051	1.7E+08	191936	65.711	0.074	36.1777	-81.8586
28605	3412	4239	74956882	540415	28.941	0.209	36.12963	-81.6949
28606	2158	1010	1.12E+08	1029122	43.372	0.397	36.05349	-81.3222
28607	33059	16428	2.56E+08	792893	98.998	0.306	36.21802	-81.6524
28609	5864	2659	1.15E+08	5204722	44.508	2.01	35.67169	-81.0556
28610	9913	4154	1.04E+08	1546294	40.274	0.597	35.73032	-81.1353
28611	885	722	1.93E+08	0	74.403	0	36.01096	-81.7353
28612	12397	5385	2.17E+08	2057469	83.636	0.794	35.65039	-81.5376
28613	22759	9570	1.11E+08	1796457	42.713	0.694	35.73769	-81.2077
28615	1876	1236	1.72E+08	590264	66.582	0.228	36.46296	-81.6704
28616	493	239	6993587	0	2.7	0	36.02307	-81.9202
28617	2261	1400	89363726	1013865	34.504	0.391	36.4807	-81.362
28618	2352	1449	1.02E+08	29692	39.55	0.011	36.20818	-81.5168
28619	1520	715	3090899	0	1.193	0	35.7586	-81.6025
28621	10472	4858	1.82E+08	1436844	70.112	0.555	36.27565	-80.9146
28622	2527	1500	80286175	0	30.999	0	36.19268	-81.9473
28623	1653	1098	74040514	464386	28.587	0.179	36.53433	-80.9714
28624	1639	987	1.62E+08	33150	62.375	0.013	36.12774	-81.4102
28625	36189	15547	5.07E+08	3290268	195.736	1.27	35.86868	-80.8903
28626	2714	1866	83448106	680083	32.219	0.263	36.29255	-81.5178
28627	1152	879	51940053	151271	20.054	0.058	36.45875	-81.0038
28628	479	222	1334438	0	0.515	0	35.72633	-81.7851
28629	75	51	6167955	10515	2.381	0.004	36.34606	-81.3653
28630	20041	8686	1.55E+08	5345270	60.002	2.064	35.82717	-81.4217
28631	637	640	64606309	586248	24.945	0.226	36.54759	-81.4103
28634	5225	2256	1.63E+08	1091619	62.996	0.421	35.9729	-80.757
28635	3901	1737	1.09E+08	0	42.13	0	36.30546	-81.126
28636	5522	2368	1.54E+08	388119	59.509	0.15	35.93943	-81.0634
28637	1746	765	7441189	0	2.873	0	35.71801	-81.4194
28638	12302	5384	52472436	5519	20.26	0.002	35.84509	-81.4779
28640	4719	2722	1.01E+08	1264993	38.849	0.488	36.40308	-81.4027
28642	5745	2718	94425199	671841	36.458	0.259	36.2184	-80.8203

28643	3521	2168	1.8E+08	895710	69.616	0.346	36.52361	-81.5342
28644	1494	1209	1.77E+08	770171	68.415	0.297	36.42623	-81.278
28645	47703	21948	8.54E+08	1116132	329.729	0.431	35.97923	-81.5472
28646	342	1201	55964717	142202	21.608	0.055	36.07333	-81.8471
28647	89	91	15651541	0	6.043	0	35.93808	-81.973
28649	993	516	90574524	1831	34.971	0.001	36.33384	-81.2095
28650	11883	4982	1.15E+08	689501	44.557	0.266	35.57181	-81.1506
28651	7132	3567	2.28E+08	41807	87.895	0.016	36.30621	-81.3088
28652	46	32	208819	0	0.081	0	36.10003	-81.9872
28654	3495	1704	1.63E+08	42545	62.837	0.016	36.05816	-81.1593
28655	54996	24339	8.24E+08	6448206	318.051	2.49	35.75793	-81.7414
28657	9488	6748	4.14E+08	167336	159.765	0.065	36.02647	-81.9434
28658	27022	11321	1.91E+08	1262764	73.659	0.488	35.63762	-81.2358
28659	21134	9765	2.64E+08	11719	102.005	0.005	36.21485	-81.1448
28660	2249	944	82790920	615970	31.966	0.238	35.96862	-80.8562
28662	140	86	4630794	0	1.788	0	36.02152	-81.8991
28663	614	591	45266992	665536	17.478	0.257	36.53203	-81.3094
28665	2571	1431	1.64E+08	0	63.158	0	36.20983	-81.3755
28666	368	195	1205998	0	0.466	0	35.72526	-81.4707
28667	559	250	1562936	292950	0.603	0.113	35.77145	-81.4262
28668	300	752	33855184	243848	13.072	0.094	36.40705	-80.9905
28669	3146	1416	1.2E+08	251408	46.298	0.097	36.22353	-80.9931
28670	2719	1260	96255619	675053	37.165	0.261	36.19402	-80.9148
28671	597	224	1920038	0	0.741	0	35.75267	-81.5279
28672	35	29	5055767	424870	1.952	0.164	36.48357	-81.3313
28673	5919	3125	65803628	12217585	25.407	4.717	35.61929	-80.9949
28675	6621	4008	3.01E+08	1991975	116.21	0.769	36.50271	-81.1372
28676	3483	1644	74046602	358861	28.59	0.139	36.33189	-80.8549
28677	32940	14914	2.13E+08	7102669	82.413	2.742	35.73673	-80.923
28678	5226	2286	1.16E+08	2487749	44.684	0.961	35.82288	-81.0596
28679	2064	1133	67437479	492575	26.038	0.19	36.26128	-81.8283
28681	25910	11264	4.33E+08	6647453	167.29	2.567	35.92235	-81.2241
28682	1129	693	8409239	7756965	3.247	2.995	35.58826	-80.9652
28683	1697	843	86412652	300205	33.364	0.116	36.39049	-80.9111
28684	2141	1566	1.37E+08	616876	52.804	0.238	36.33612	-81.6085
28685	2076	1075	1.58E+08	0	60.971	0	36.36079	-81.0598
28689	1712	799	1.16E+08	436360	44.675	0.168	36.03656	-80.9409
28690	9295	4466	55933619	295258	21.596	0.114	35.73274	-81.5742
28692	4067	2443	99660102	79928	38.479	0.031	36.26752	-81.8085
28693	1700	954	66799244	513987	25.791	0.198	36.47386	-81.5647
28694	7744	4733	1.71E+08	1316599	66.17	0.508	36.36746	-81.4559
28697	12930	6043	1.64E+08	4618958	63.506	1.783	36.13401	-81.1657
28698	2256	1338	64949878	19496	25.077	0.008	36.34089	-81.7362
28701	3635	1592	46253321	1244287	17.859	0.48	35.70525	-82.6401
28702	366	524	51362547	4980779	19.831	1.923	35.40639	-83.6054
28704	18821	8636	85327690	1884702	32.945	0.728	35.45715	-82.5795
28705	6715	3867	3.27E+08	844354	126.118	0.326	36.03354	-82.1567

28707	94	176	28531169	0	11.016	0	35.39733	-83.0659
28708	754	398	1.26E+08	0	48.716	0	35.27132	-82.8626
28709	2225	1058	1.37E+08	13398	52.777	0.005	35.77171	-82.3814
28711	13209	6968	2.59E+08	1449129	99.914	0.56	35.6042	-82.2937
28712	19347	10759	3.25E+08	1735567	125.657	0.67	35.17271	-82.7715
28713	8686	5896	3.53E+08	11873393	136.462	4.584	35.36946	-83.4999
28714	16753	10215	7.54E+08	961002	291.007	0.371	35.8895	-82.304
28715	24582	11178	2.02E+08	377822	77.888	0.146	35.51197	-82.7117
28716	17477	8718	4.09E+08	418353	158.028	0.162	35.43932	-82.848
28717	1729	2944	1.33E+08	628607	51.259	0.243	35.04934	-83.0934
28718	553	377	42820631	160681	16.533	0.062	35.16114	-82.6335
28719	8048	3733	3.5E+08	0	135.159	0	35.51788	-83.3342
28720	114	212	8215083	0	3.172	0	35.45075	-82.2537
28721	10063	5216	2.85E+08	41953	110.231	0.016	35.66268	-82.9585
28722	6371	3326	1.18E+08	82880	45.575	0.032	35.20846	-82.061
28723	11329	5424	2.9E+08	5629797	111.841	2.174	35.31421	-83.0261
28725	43	27	706580	0	0.273	0	35.36665	-83.2551
28726	3203	1473	6176921	19385	2.385	0.007	35.28116	-82.4175
28729	2894	1424	11348960	140391	4.382	0.054	35.3205	-82.6004
28730	9133	4193	1.28E+08	137602	49.549	0.053	35.51741	-82.378
28731	7778	4241	70009086	384858	27.031	0.149	35.28804	-82.3947
28732	16491	7220	1.11E+08	424379	42.696	0.164	35.45257	-82.4458
28733	21	138	20085516	2009463	7.755	0.776	35.4291	-83.8157
28734	27040	16958	7.8E+08	3367316	301.255	1.3	35.1892	-83.412
28735	256	325	9794309	0	3.782	0	35.4759	-82.3505
28736	787	1089	91386875	136366	35.285	0.053	35.17563	-83.0865
28739	19786	11204	1.74E+08	1651960	67.048	0.638	35.26047	-82.5531
28740	1364	902	1.43E+08	1234857	55.254	0.477	36.09127	-82.2729
28741	3197	5691	2.25E+08	991125	86.933	0.383	35.05987	-83.2142
28742	2710	1230	63386799	493083	24.474	0.19	35.38269	-82.651
28743	2125	1408	3.2E+08	1429980	123.728	0.552	35.80036	-82.8811
28745	551	685	1614121	601901	0.623	0.232	35.52528	-82.972
28746	2388	3181	1.22E+08	3296014	46.923	1.273	35.46136	-82.1681
28747	2198	2015	1.36E+08	2186585	52.658	0.844	35.15518	-82.9227
28748	11334	5021	2.19E+08	0	84.571	0	35.64956	-82.7577
28749	50	134	2677224	0	1.034	0	35.84072	-82.0986
28751	2916	4091	1.16E+08	0	44.775	0	35.50502	-83.1207
28752	30600	13773	6.34E+08	5832936	244.939	2.252	35.71057	-82.0359
28753	11670	5756	6.84E+08	3406719	263.913	1.315	35.86408	-82.7127
28754	7679	3912	2.24E+08	0	86.385	0	35.87558	-82.5157
28756	4504	2400	2.33E+08	1530138	89.856	0.591	35.35192	-82.1863
28757	280	417	3155383	0	1.218	0	35.64975	-82.3086
28759	6922	3170	60130909	528198	23.217	0.204	35.38146	-82.5886
28761	7816	3694	2.8E+08	17096190	108.204	6.601	35.68533	-81.9105
28762	6857	3356	2.58E+08	495182	99.731	0.191	35.62679	-82.2316
28763	2725	1743	1.44E+08	205258	55.466	0.079	35.02855	-83.4668
28766	1262	635	15108018	0	5.833	0	35.25104	-82.6198

28768	6813	3423	2.15E+08	526889	82.948	0.203	35.32584	-82.7077
28771	8558	5404	7.04E+08	21458285	271.78	8.285	35.34702	-83.8428
28772	1239	657	32643917	0	12.604	0	35.11697	-82.8272
28773	3378	2393	1.44E+08	438818	55.71	0.169	35.26543	-82.3097
28774	1013	2096	1.17E+08	481715	45.308	0.186	35.09353	-82.9951
28775	296	309	25483900	21498	9.839	0.008	35.02141	-83.3229
28777	10638	4768	1.77E+08	132815	68.148	0.051	35.90444	-82.0685
28778	10381	4413	89052068	277927	34.383	0.107	35.62912	-82.4052
28779	16111	8828	2.78E+08	0	107.305	0	35.35518	-83.2115
28781	939	1016	2.03E+08	6161772	78.254	2.379	35.22482	-83.6356
28782	6584	3819	1.29E+08	272888	49.625	0.105	35.23396	-82.1474
28783	1593	1161	1.66E+08	2990112	64.196	1.154	35.26215	-83.0104
28785	7338	4821	3.96E+08	1146853	152.768	0.443	35.65331	-83.1398
28786	20714	11492	1.93E+08	207589	74.508	0.08	35.46206	-82.989
28787	19718	9033	2.06E+08	47337	79.536	0.018	35.74129	-82.5155
28789	5097	3386	1.48E+08	193682	57.032	0.075	35.40706	-83.3168
28790	3205	1748	1.08E+08	711622	41.878	0.275	35.21463	-82.5143
28791	14171	7184	42601991	364366	16.449	0.141	35.35611	-82.5082
28792	32689	16502	2.61E+08	720985	100.601	0.278	35.38332	-82.3692
28801	15019	7460	13162694	247417	5.082	0.096	35.59435	-82.5579
28803	28693	14756	99274489	934858	38.33	0.361	35.53171	-82.523
28804	20507	9596	68832519	1500536	26.576	0.579	35.64784	-82.5644
28805	17620	9221	67237743	42792	25.961	0.017	35.62516	-82.4846
28806	38550	18005	98324483	892690	37.963	0.345	35.57197	-82.6147
28901	5354	2990	1.64E+08	0	63.227	0	35.19808	-83.8103
28902	1373	811	58735974	123796	22.678	0.048	35.02229	-83.9592
28904	8533	5936	4.91E+08	15099758	189.757	5.83	35.0684	-83.7335
28905	3129	1714	1.16E+08	0	44.979	0	35.16395	-83.9401
28906	18475	12516	8.64E+08	29262798	333.727	11.298	35.10014	-84.1386
28909	1030	602	25464510	0	9.832	0	35.00166	-83.9048
29001	2148	942	1.7E+08	123799	65.828	0.048	33.78664	-80.1741
29003	6989	3244	3.65E+08	2956126	140.912	1.141	33.24122	-81.0238
29006	9565	4469	3.74E+08	6924207	144.375	2.673	33.8691	-81.5511
29009	2440	1175	2.8E+08	805603	108.224	0.311	34.4553	-80.3762
29010	13491	5207	5.35E+08	1566720	206.455	0.605	34.22333	-80.2727
29014	1891	907	4.26E+08	363177	164.59	0.14	34.52338	-81.1145
29015	1738	825	3.14E+08	23891943	121.379	9.225	34.43744	-81.3301
29016	16393	6469	2.23E+08	1622092	86.132	0.626	34.20251	-80.997
29018	3749	1752	2.84E+08	976157	109.61	0.377	33.3488	-80.6392
29020	22463	10948	5.89E+08	14001019	227.526	5.406	34.31665	-80.5816
29030	1967	1018	2.35E+08	10305305	90.753	3.979	33.57631	-80.6476
29031	1349	750	3.17E+08	1632578	122.322	0.63	34.5481	-81.4926
29032	4424	1859	2.05E+08	797025	78.989	0.308	34.34511	-80.445
29033	11603	5546	23106989	1311200	8.922	0.506	33.95343	-81.0574
29036	19140	8296	1.4E+08	43167166	54.042	16.667	34.134	-81.3399
29037	824	554	1.74E+08	4727778	67.208	1.825	34.18994	-81.8677
29038	2445	1154	2.08E+08	917875	80.229	0.354	33.37264	-80.9815

29039	4215	1774	66914393	532714	25.836	0.206	33.42242	-80.915
29040	8767	3656	1.46E+08	703610	56.223	0.272	34.0688	-80.4405
29042	5868	2649	1.69E+08	1776013	65.348	0.686	33.29767	-81.1587
29044	5652	2611	3.57E+08	4777316	137.822	1.845	33.93653	-80.6924
29045	21871	8694	1.82E+08	2413509	70.088	0.932	34.18501	-80.8063
29046	237	111	6456051	25174	2.493	0.01	34.10233	-80.1536
29047	3683	2059	1.7E+08	12339994	65.452	4.764	33.53272	-80.5858
29048	4864	2864	1.23E+08	26661457	47.538	10.294	33.39056	-80.2953
29051	951	402	1.1E+08	251080	42.447	0.097	33.86163	-80.1278
29052	2021	835	1.49E+08	790977	57.348	0.305	33.7984	-80.7411
29053	18830	7574	2.1E+08	2725531	81.15	1.052	33.8275	-81.091
29054	9612	4269	1.47E+08	14983621	56.905	5.785	33.94195	-81.3831
29055	4337	2029	91240942	4891449	35.228	1.889	34.57424	-80.9149
29056	2448	1108	2.7E+08	1171928	104.223	0.452	33.60867	-80.0058
29058	4746	2130	3.68E+08	4147041	141.979	1.601	34.55505	-80.7424
29059	6068	2744	2.88E+08	1383349	111.008	0.534	33.33003	-80.4185
29061	13717	5628	2.31E+08	3778118	89.03	1.459	33.89749	-80.8506
29062	176	99	41937859	1122739	16.192	0.433	34.00429	-80.6055
29063	32717	12659	1.04E+08	5540647	40.064	2.139	34.14213	-81.2062
29065	677	361	62561954	10643771	24.155	4.11	34.28514	-81.2966
29067	10949	4329	5.05E+08	696023	195.139	0.269	34.54417	-80.5371
29069	5020	2229	1.98E+08	488801	76.477	0.189	34.17985	-80.0947
29070	15330	7370	4.28E+08	22324833	165.33	8.62	33.91612	-81.4531
29072	49566	20521	1.77E+08	48956733	68.469	18.902	34.00178	-81.2724
29073	40775	16511	2.08E+08	2040533	80.258	0.788	33.89218	-81.2358
29074	241	451	52355801	9480122	20.215	3.66	34.44165	-80.8182
29075	2963	1284	1.1E+08	1436066	42.412	0.554	34.21813	-81.2991
29078	15293	6098	3.21E+08	3964189	124.097	1.531	34.18515	-80.7063
29079	151	78	552438	0	0.213	0	34.28652	-80.1137
29080	3240	1435	3.43E+08	353564	132.338	0.137	34.01216	-80.0856
29081	1352	732	2.09E+08	388344	80.636	0.15	33.08908	-81.0474
29082	572	310	1.05E+08	65958	40.631	0.025	33.03822	-80.9391
29101	3023	1325	2.79E+08	2752822	107.734	1.063	34.46025	-80.2479
29102	18248	9053	6.36E+08	21320190	245.391	8.232	33.64198	-80.1885
29104	1531	704	1.55E+08	184234	59.701	0.071	34.00103	-80.2134
29105	1514	629	75787683	491380	29.262	0.19	33.8074	-81.5936
29107	3166	1453	1.97E+08	1418435	76.017	0.548	33.52982	-81.1243
29108	20469	8784	5.39E+08	4718607	208.234	1.822	34.30552	-81.6273
29111	1632	657	1.67E+08	107158	64.65	0.041	33.78904	-80.0064
29112	4712	2296	3E+08	1705460	115.789	0.658	33.62644	-81.08
29113	1618	748	1.12E+08	590149	43.063	0.228	33.43242	-81.1353
29114	2190	960	96031719	20304	37.078	0.008	33.95604	-79.9327
29115	31128	14125	3.38E+08	2070741	130.53	0.8	33.47736	-80.8491
29117	1160	0	230705	0	0.089	0	33.49826	-80.8488
29118	15861	6790	2.02E+08	995269	77.947	0.384	33.56755	-80.8857
29122	54	36	1131322	99823	0.437	0.039	34.23876	-81.3282
29123	7617	3097	1.79E+08	724624	69.057	0.28	33.76465	-81.2715

29125	3072	1509	2.74E+08	50549336	105.934	19.517	33.70061	-80.4626
29126	2267	1051	2E+08	6808916	77.061	2.629	34.32893	-81.4195
29127	8333	4757	2.66E+08	31477398	102.547	12.153	34.15325	-81.5125
29128	5866	2274	2.8E+08	3296921	107.986	1.273	34.09575	-80.5263
29129	3164	1370	2.14E+08	1576117	82.736	0.609	33.78188	-81.6768
29130	6655	3495	3.91E+08	18892658	150.819	7.294	34.33161	-80.8804
29133	1044	467	1.41E+08	100056	54.592	0.039	33.35891	-80.8031
29135	8919	4154	4.98E+08	3880495	192.346	1.498	33.69218	-80.7871
29137	2539	1305	2.21E+08	1343834	85.201	0.519	33.59563	-81.3214
29138	10883	4540	5.73E+08	5821916	221.18	2.248	34.04239	-81.7762
29142	4890	2484	1.34E+08	16878852	51.683	6.517	33.46348	-80.5245
29145	837	496	1.15E+08	284894	44.579	0.11	34.22872	-81.7662
29146	1767	901	1.65E+08	368778	63.544	0.142	33.50825	-81.2954
29147	0	0	485430	0	0.187	0	34.09177	-80.9665
29148	6230	4496	2.69E+08	1.89E+08	104.031	72.812	33.5342	-80.3375
29150	40031	17878	1.11E+08	1196299	42.973	0.462	33.87429	-80.354
29152	2393	894	12039288	65176	4.648	0.025	33.9723	-80.4658
29153	15633	6625	3.7E+08	524936	142.889	0.203	33.95925	-80.3084
29154	28135	11707	2.06E+08	2425108	79.425	0.936	33.87926	-80.4404
29160	8255	3710	3.04E+08	3090402	117.258	1.193	33.74689	-81.0355
29161	11383	4865	3.49E+08	399654	134.645	0.154	34.1047	-79.9435
29162	4122	1136	86853718	121855	33.534	0.047	33.88589	-80.014
29163	1975	971	76750775	1265575	29.634	0.489	33.42959	-80.4399
29164	4690	2147	2.61E+08	2359621	100.907	0.911	33.66217	-81.4165
29166	904	447	84970465	341370	32.807	0.132	33.9018	-81.7057
29168	3582	1526	2.95E+08	4860635	113.752	1.877	33.84932	-80.5523
29169	22845	11454	31065704	913949	11.995	0.353	33.99753	-81.0974
29170	19988	8588	62391008	894938	24.089	0.346	33.93767	-81.1472
29172	9293	3894	65038176	1216940	25.111	0.47	33.91242	-81.077
29175	378	186	19439166	0	7.506	0	34.44385	-80.5984
29178	3377	1805	3.79E+08	1251042	146.411	0.483	34.49252	-81.605
29180	14267	6868	7.9E+08	11530044	304.992	4.452	34.36647	-81.0937
29201	20594	9861	29578724	1475856	11.42	0.57	33.98248	-81.0281
29202	135	161	24408	0	0.009	0	33.99356	-81.031
29203	39843	17023	1.64E+08	2599174	63.347	1.004	34.10172	-81.0421
29204	19952	8973	16731714	21959	6.46	0.008	34.02915	-81.0025
29205	24822	12913	17024521	0	6.573	0	33.99006	-80.9973
29206	17788	9015	22201127	1978104	8.572	0.764	34.02642	-80.959
29207	11592	10	1.69E+08	1993558	65.405	0.77	34.04245	-80.846
29208	695	0	171571	0	0.066	0	33.99813	-81.0282
29209	33324	14765	1.34E+08	2376159	51.75	0.917	33.92675	-80.9504
29210	40356	18469	41346365	1886591	15.964	0.728	34.04616	-81.1066
29212	28798	12912	58491696	23828341	22.584	9.2	34.07623	-81.1988
29223	50141	22155	66070797	1570765	25.51	0.606	34.09263	-80.9193
29225	1228	0	41936	0	0.016	0	33.99618	-81.025
29229	44229	16734	53138241	306743	20.517	0.118	34.13953	-80.8882
29301	31051	13806	70933338	536679	27.388	0.207	34.93403	-82.0107

29302	16571	7694	1.29E+08	1499327	49.69	0.579	34.88445	-81.8436
29303	25058	10308	80780452	282590	31.19	0.109	34.99578	-81.9611
29306	15861	7557	49276251	709374	19.026	0.274	34.89266	-81.9216
29307	18751	9252	1.17E+08	1358374	45.087	0.524	34.98272	-81.8316
29316	22281	8986	56396320	91913	21.775	0.035	35.04305	-81.9751
29320	530	248	1405761	840	0.543	0	34.9584	-81.9937
29321	2596	1236	1.01E+08	42250	39.167	0.016	34.71466	-81.7411
29322	8781	3729	1.51E+08	1561034	58.491	0.603	35.12104	-82.1322
29323	14446	6129	1.82E+08	3437080	70.285	1.327	35.12634	-81.9075
29324	167	79	571230	32402	0.221	0.013	34.98369	-81.8266
29325	15222	6384	4E+08	2167234	154.419	0.837	34.47202	-81.8418
29329	278	119	595408	28558	0.23	0.011	34.99406	-81.8359
29330	8401	3630	93785225	860447	36.211	0.332	35.05261	-81.8041
29331	142	78	4604124	10209	1.778	0.004	34.65184	-81.8441
29332	2435	1897	1.24E+08	7823191	47.728	3.021	34.27876	-81.9704
29333	374	175	984872	0	0.38	0	34.97121	-81.9102
29334	11331	4793	57473615	1500662	22.191	0.579	34.90555	-82.1244
29335	5654	2024	2.31E+08	2050740	89.02	0.792	34.64669	-81.9045
29338	85	45	235165	0	0.091	0	35.13551	-82.0016
29340	20763	9049	4.22E+08	5117040	163.034	1.976	34.97203	-81.5857
29341	19330	8277	2.43E+08	2756185	93.726	1.064	35.11368	-81.7145
29346	307	129	550320	0	0.212	0	34.94508	-81.8364
29349	30129	12399	2.02E+08	7618646	77.916	2.942	35.06932	-82.071
29351	1563	763	12311866	19916	4.754	0.008	34.42103	-81.808
29353	4174	1969	2.42E+08	777053	93.244	0.3	34.83074	-81.6486
29355	810	376	1.77E+08	219002	68.453	0.085	34.28957	-81.8264
29356	8074	4214	2.12E+08	1963578	81.937	0.758	35.14207	-82.2808
29360	20977	9453	3.75E+08	1249707	144.916	0.483	34.49863	-82.0506
29364	592	302	8162923	1011113	3.152	0.39	34.76248	-81.4707
29365	10146	4268	47295963	1882523	18.261	0.727	34.98099	-82.1719
29368	68	57	413636	0	0.16	0	35.08158	-81.8634
29369	13044	5338	73848623	1011670	28.513	0.391	34.86562	-82.0195
29370	1045	475	1.24E+08	144941	47.836	0.056	34.37381	-81.9634
29372	4507	2176	1.1E+08	708814	42.574	0.274	34.90175	-81.7113
29373	297	140	1713021	174903	0.661	0.068	34.92495	-81.7468
29374	3534	1526	1.34E+08	733520	51.73	0.283	34.78455	-81.8535
29375	95	49	368350	0	0.142	0	34.8613	-82.1138
29376	6909	2752	96581139	1150547	37.29	0.444	34.81138	-81.9442
29377	761	359	3392652	62329	1.31	0.024	34.93063	-82.0951
29378	207	88	225320	0	0.087	0	34.96691	-81.9685
29379	19186	9378	6.61E+08	2222855	255.383	0.858	34.68244	-81.6087
29384	3945	2644	1.23E+08	9039543	47.356	3.49	34.34337	-82.0901
29385	7221	3029	49439616	843226	19.089	0.326	34.97296	-82.1014
29388	14470	6278	2.53E+08	1899061	97.825	0.733	34.76432	-82.0446
29401	10895	5595	4017465	4414377	1.551	1.704	32.77718	-79.932
29403	20818	10689	13837181	5473077	5.343	2.113	32.8059	-79.9432
29404	1348	377	13171747	48625	5.086	0.019	32.899	-80.0497

29405	26328	11347	38502950	7170312	14.866	2.768	32.85625	-79.982
29406	29314	13211	37637298	1028544	14.532	0.397	32.93774	-80.0354
29407	34827	17513	39752637	6653202	15.349	2.569	32.79893	-79.9978
29409	2100	44	166970	0	0.064	0	32.79609	-79.9605
29410	17816	7809	27386186	2123461	10.574	0.82	32.93266	-80.0028
29412	35850	17302	1.02E+08	31855642	39.238	12.3	32.71265	-79.9479
29414	31883	15554	91340251	3630772	35.267	1.402	32.83996	-80.0892
29418	23540	10960	34927465	979741	13.486	0.378	32.90965	-80.0948
29420	21834	8389	29046494	415421	11.215	0.16	32.93176	-80.1007
29423	956	0	103115	0	0.04	0	32.97876	-80.0712
29424	389	7	47840	0	0.018	0	32.78364	-79.9374
29426	1741	808	1.74E+08	1291763	67.297	0.499	32.79719	-80.3706
29429	2737	1202	2.82E+08	59643327	108.851	23.028	32.97067	-79.6582
29431	6071	2785	2.04E+08	26552588	78.708	10.252	33.27322	-79.8816
29432	2853	1462	3.03E+08	508033	117.097	0.196	33.23145	-80.8088
29434	537	269	1.44E+08	2150261	55.504	0.83	33.14089	-79.8437
29435	4122	1859	1.78E+08	84151	68.712	0.032	32.97297	-80.4664
29436	4471	2337	2.09E+08	84777867	80.646	32.733	33.31536	-80.1873
29437	2380	1100	2.41E+08	679500	93.146	0.262	33.13999	-80.4318
29438	2408	3481	1.93E+08	47743997	74.662	18.434	32.56471	-80.3224
29439	2399	2236	7531346	2075588	2.908	0.801	32.65479	-79.9519
29440	28469	13117	1.35E+09	1.32E+08	522.918	50.942	33.38111	-79.3298
29445	53588	20609	1.52E+08	9278574	58.515	3.582	32.9993	-79.9673
29446	1138	660	4.39E+08	61218579	169.557	23.637	32.63067	-80.5515
29448	2356	1042	1.25E+08	922620	48.405	0.356	33.25806	-80.4527
29449	7749	3545	2.04E+08	29712858	78.824	11.472	32.70037	-80.2871
29450	3105	1335	3.74E+08	5336610	144.433	2.06	33.06594	-79.7842
29451	4205	4398	25927753	16893034	10.011	6.522	32.82261	-79.7546
29452	394	187	1.49E+08	15509581	57.617	5.988	32.67795	-80.4615
29453	1252	578	3.59E+08	2700699	138.764	1.043	33.22559	-79.6428
29455	20478	13079	2.77E+08	28537198	107.093	11.018	32.62472	-80.0406
29456	27864	10732	47223225	105809	18.233	0.041	32.98588	-80.1154
29458	2713	1400	4.28E+08	70828875	165.228	27.347	33.09314	-79.4615
29461	30141	12642	4.22E+08	28654073	162.75	11.063	33.15983	-80.0065
29464	43649	21157	77038429	18492226	29.745	7.14	32.8167	-79.8582
29466	28725	11411	76030200	10368677	29.355	4.003	32.87776	-79.792
29468	2107	1147	1.94E+08	94820109	74.738	36.61	33.42182	-80.0582
29469	855	378	56890012	52241951	21.965	20.171	33.25786	-80.0564
29470	4232	1767	2.18E+08	1309510	84.017	0.506	32.82695	-80.2537
29471	1537	729	1.08E+08	135242	41.757	0.052	33.19268	-80.6704
29472	9416	3234	4.81E+08	2288340	185.583	0.884	33.04431	-80.3268
29474	2176	1029	2.91E+08	284004	112.272	0.11	32.88426	-80.5238
29475	2874	1344	2.78E+08	362532	107.243	0.14	32.95726	-80.8065
29477	6789	3068	2.87E+08	686643	110.75	0.265	33.16314	-80.5649
29479	7337	3203	2.41E+08	3002369	92.989	1.159	33.379	-79.8883
29481	1841	854	2.31E+08	243392	89.273	0.094	33.10853	-80.8005
29482	1791	1054	6665124	14805543	2.573	5.716	32.7645	-79.855

29483	66731	26575	3.5E+08	417723	135.302	0.161	33.05138	-80.1885
29485	45057	18632	92503236	1228270	35.716	0.474	32.94852	-80.1906
29487	2725	1324	1.09E+08	22600514	41.897	8.726	32.65768	-80.1839
29488	22220	9789	5.96E+08	1529071	230.088	0.59	32.90676	-80.6728
29492	10262	4950	1.29E+08	25784493	49.742	9.955	32.9038	-79.9112
29493	117	52	2194201	0	0.847	0	33.03414	-80.8428
29501	43220	19447	1.39E+08	1229302	53.702	0.475	34.20593	-79.8263
29505	24279	10370	1.34E+08	118338	51.68	0.046	34.13007	-79.6889
29506	20960	8522	3.28E+08	3349862	126.753	1.293	34.21389	-79.6462
29510	11060	4824	7.87E+08	4931295	304.011	1.904	33.45431	-79.6131
29511	5146	2247	1.59E+08	192118	61.432	0.074	33.97573	-79.1227
29512	19514	7730	5.62E+08	7141321	216.817	2.757	34.61887	-79.7182
29516	829	386	2.42E+08	2635050	93.339	1.017	34.43745	-79.6346
29518	1232	568	1.26E+08	0	48.635	0	33.78861	-79.848
29519	285	142	11110155	0	4.29	0	34.01866	-79.3598
29520	14617	6608	3.47E+08	6468049	134.025	2.497	34.67949	-79.9273
29525	2029	903	1.29E+08	219601	49.81	0.085	34.55258	-79.5407
29526	39033	17160	4.76E+08	3609705	183.756	1.394	33.8539	-78.9645
29527	22027	9676	4.01E+08	8379849	154.906	3.235	33.7852	-79.1459
29530	2915	1210	99154864	32147	38.284	0.012	33.99606	-79.7401
29532	20871	9119	2.69E+08	1366315	103.856	0.528	34.28033	-79.8693
29536	17722	7473	3.37E+08	815903	129.973	0.315	34.4195	-79.373
29540	5599	2251	2.86E+08	3405847	110.39	1.315	34.37742	-79.8462
29541	9465	3766	2.03E+08	126045	78.554	0.049	34.06495	-79.7408
29543	606	261	47857188	0	18.478	0	34.2876	-79.2659
29544	4909	2133	2.95E+08	2419640	113.969	0.934	33.9261	-79.2556
29545	1657	747	93063087	159797	35.932	0.062	34.16366	-78.9665
29546	2834	1253	3.77E+08	8273129	145.712	3.194	33.88236	-79.3518
29547	2917	1157	1.03E+08	215692	39.782	0.083	34.49629	-79.3348
29550	32284	14406	5.52E+08	9161019	213.275	3.537	34.39998	-80.0828
29554	9332	4198	5.82E+08	3713826	224.837	1.434	33.70405	-79.3816
29555	6440	2656	2.38E+08	3575645	92.027	1.381	33.84163	-79.4664
29556	12870	5889	4.51E+08	476773	174.318	0.184	33.6681	-79.7627
29560	13664	6022	4.19E+08	229733	161.604	0.089	33.8304	-79.7446
29563	2676	1245	98006524	388656	37.841	0.15	34.35337	-79.2087
29564	985	506	1.69E+08	901119	65.402	0.348	33.44939	-79.8484
29565	7127	3134	3.2E+08	1379059	123.678	0.532	34.35805	-79.4993
29566	15179	10234	78678484	1506631	30.378	0.582	33.8734	-78.667
29567	564	237	55259926	23608	21.336	0.009	34.55893	-79.4296
29568	12224	6322	2.38E+08	714129	92.071	0.276	33.91356	-78.7503
29569	15951	6898	4.51E+08	753897	174.258	0.291	34.03684	-78.917
29570	3913	1767	1.24E+08	875225	47.942	0.338	34.66738	-79.5643
29571	15622	6932	4.98E+08	3688344	192.313	1.424	34.13505	-79.425
29572	7893	15369	21224561	901124	8.195	0.348	33.77156	-78.7847
29574	11909	5513	2.6E+08	681096	100.456	0.263	34.1655	-79.2607
29575	15512	17103	26153033	249394	10.098	0.096	33.62923	-78.9703
29576	24446	18716	94767261	6877344	36.59	2.655	33.56247	-79.0563

29577	26996	20986	61381232	868838	23.699	0.335	33.69878	-78.9029
29579	32180	17058	1.13E+08	746923	43.779	0.288	33.75322	-78.9169
29580	1450	686	1.8E+08	322913	69.596	0.125	33.6531	-79.552
29581	4650	2279	4.19E+08	2373489	161.944	0.916	34.19928	-79.113
29582	14622	28082	56317313	4776683	21.744	1.844	33.83853	-78.6606
29583	5438	2335	2.76E+08	1573687	106.482	0.608	33.97785	-79.5711
29584	2563	1231	2.82E+08	869537	108.865	0.336	34.58331	-80.0658
29585	13606	10448	1.22E+08	10420095	47.127	4.023	33.5201	-79.1358
29588	36499	17559	1.08E+08	2325236	41.696	0.898	33.67114	-79.0243
29590	3677	1238	2.57E+08	224126	99.263	0.087	33.56892	-79.8487
29591	5467	2304	1.88E+08	107750	72.419	0.042	33.938	-79.7623
29592	1197	506	1.1E+08	109876	42.308	0.042	34.26696	-79.479
29593	1954	995	2.1E+08	2417585	81.001	0.933	34.49283	-79.8571
29594	121	68	5938085	0	2.293	0	34.64023	-79.5774
29596	2424	1171	1.71E+08	3590011	66.036	1.386	34.74416	-79.8307
29601	10550	5683	11079356	61416	4.278	0.024	34.84711	-82.4023
29605	34414	15694	66249223	453858	25.579	0.175	34.77443	-82.3766
29607	34487	16564	74598493	886524	28.803	0.342	34.81173	-82.3314
29609	27722	12942	62545874	303566	24.149	0.117	34.91259	-82.3882
29611	28799	12804	59891911	1302062	23.124	0.503	34.83093	-82.4585
29613	2334	10	1757000	113540	0.678	0.044	34.92457	-82.4387
29614	2720	107	497342	0	0.192	0	34.87377	-82.3631
29615	35151	17340	49675319	456357	19.18	0.176	34.85683	-82.2961
29617	25685	11375	60193474	852901	23.241	0.329	34.91102	-82.4681
29620	12934	6272	6.49E+08	4825504	250.623	1.863	34.18242	-82.4256
29621	39101	17262	2.22E+08	4982842	85.63	1.924	34.5065	-82.6056
29624	14610	7145	72651257	227226	28.051	0.088	34.43594	-82.6241
29625	27538	13057	1.24E+08	19207490	47.978	7.416	34.55903	-82.7635
29626	12364	5847	1.34E+08	26088614	51.682	10.073	34.4608	-82.7565
29627	18367	8052	3.22E+08	2597028	124.249	1.003	34.51728	-82.4766
29628	2759	1360	1.3E+08	20942267	50.033	8.086	34.08912	-82.5592
29630	14186	6529	1.58E+08	5484866	60.814	2.118	34.73867	-82.7992
29631	13318	6131	22527647	1573395	8.698	0.607	34.68157	-82.8158
29634	5589	95	3632666	72852	1.403	0.028	34.67652	-82.836
29635	1254	938	1.79E+08	2325336	69.225	0.898	35.07766	-82.6267
29638	2944	1317	1.54E+08	417530	59.39	0.161	34.36387	-82.3382
29639	1742	564	44592189	198882	17.217	0.077	34.30362	-82.4288
29640	30574	13303	2.26E+08	1182796	87.302	0.457	34.88398	-82.5798
29642	29561	12038	1.29E+08	657705	49.76	0.254	34.77517	-82.5637
29643	2756	1988	69438806	15060823	26.81	5.815	34.51619	-82.9964
29644	18578	7554	2.12E+08	1386474	82.023	0.535	34.66848	-82.1901
29645	9982	4208	2.77E+08	1820896	107.055	0.703	34.59228	-82.1246
29646	28159	12334	2.91E+08	3364324	112.494	1.299	34.13605	-82.1485
29649	26235	11427	1.4E+08	4188248	54.214	1.617	34.23892	-82.145
29650	32632	13832	46605478	220119	17.994	0.085	34.89825	-82.2579
29651	42844	17614	2.35E+08	6047849	90.569	2.335	35.02383	-82.2796
29653	4811	2170	1.8E+08	3804232	69.433	1.469	34.306	-82.2325

29654	9937	4534	3.05E+08	2005026	117.808	0.774	34.46053	-82.3619
29655	7796	3954	3.86E+08	29591766	148.903	11.425	34.26562	-82.6423
29657	15116	6433	1.65E+08	853884	63.582	0.33	34.76709	-82.6866
29658	333	206	64546186	1232648	24.921	0.476	34.76081	-83.2844
29659	118	92	1837885	0	0.71	0	34.20977	-82.647
29661	5648	2647	1.78E+08	787359	68.86	0.304	35.14759	-82.5295
29662	15090	6645	14757707	65960	5.698	0.025	34.77821	-82.3018
29664	1808	1213	2.48E+08	1140805	95.83	0.44	34.86089	-83.1576
29665	127	81	544297	817	0.21	0	34.72544	-82.9136
29666	6590	3196	3.2E+08	9272981	123.465	3.58	34.11333	-81.9796
29667	269	122	1357539	0	0.524	0	34.76479	-82.7567
29669	12387	5432	1.62E+08	1696451	62.655	0.655	34.63937	-82.4136
29670	8673	4249	1.43E+08	803781	55.173	0.31	34.64398	-82.7232
29671	18030	8261	3.31E+08	1540486	127.893	0.595	34.93478	-82.7287
29672	11868	6340	1E+08	35644153	38.778	13.762	34.75128	-82.9343
29673	25348	10565	1.81E+08	1916193	69.95	0.74	34.71386	-82.4559
29676	5201	3606	1.89E+08	35305240	72.995	13.631	34.95023	-82.9829
29678	21676	10477	2.05E+08	19518665	79.038	7.536	34.63522	-82.9397
29680	27285	10142	80382356	972400	31.036	0.375	34.68512	-82.2888
29681	46979	18131	1.07E+08	672960	41.346	0.26	34.76768	-82.225
29682	3818	1874	69034105	12077236	26.654	4.663	34.83395	-82.8544
29683	291	139	202830	0	0.078	0	35.03	-82.4942
29684	4862	2026	1.46E+08	11295974	56.206	4.361	34.37941	-82.7185
29685	1230	1102	2.23E+08	16912405	86.19	6.53	34.99124	-82.8423
29686	1027	648	79257760	1035967	30.602	0.4	34.95955	-83.0536
29687	39561	16808	1.22E+08	1929152	47.179	0.745	34.98664	-82.3275
29689	3889	2625	92237845	31783799	35.613	12.272	34.53425	-82.8683
29690	20914	8357	2.74E+08	4241312	105.853	1.638	35.05981	-82.4172
29691	11333	5092	1.78E+08	914994	68.574	0.353	34.78258	-83.0832
29692	4856	2366	1.25E+08	1793290	48.321	0.692	34.41263	-82.2195
29693	14215	7341	4.31E+08	13623504	166.391	5.26	34.64671	-83.1468
29696	4125	2137	60170169	3248647	23.232	1.254	34.78007	-83.0088
29697	12207	5078	99586604	1188131	38.451	0.459	34.62559	-82.5486
29702	10059	4474	2.56E+08	2761776	98.958	1.066	35.11607	-81.4731
29704	3721	1500	69999654	2026348	27.027	0.782	34.83189	-80.9098
29706	19847	8803	7.05E+08	4166927	272.237	1.609	34.71549	-81.2345
29707	17742	7852	82245995	246731	31.755	0.095	34.97438	-80.8624
29708	25035	9825	49234560	3235466	19.01	1.249	35.04871	-80.9871
29709	6498	3099	2.53E+08	1099949	97.679	0.425	34.72017	-80.0985
29710	29449	12570	2.94E+08	11467984	113.502	4.428	35.10628	-81.2215
29712	2317	979	72284647	94153	27.909	0.036	34.79797	-80.9755
29714	2927	1247	84651233	3230104	32.684	1.247	34.71224	-80.9153
29715	24823	9931	87623715	2404765	33.832	0.928	35.00984	-80.9287
29717	1251	550	99179431	1089717	38.293	0.421	34.95073	-81.4488
29718	3856	1787	3.04E+08	1533431	117.219	0.592	34.62416	-80.3313
29720	46041	19646	7.35E+08	10692040	283.69	4.128	34.74056	-80.7327
29724	43	16	642770	0	0.248	0	34.77395	-81.0111

29726	1750	706	1.04E+08	397869	40.279	0.154	34.86084	-81.2361
29727	1650	778	1.27E+08	409797	49.185	0.158	34.71927	-80.2646
29728	10301	4640	2.51E+08	869802	96.937	0.336	34.76495	-80.4006
29729	2271	922	1.74E+08	242318	67.122	0.094	34.68913	-81.0068
29730	52365	22700	3.11E+08	3371314	120.039	1.302	34.88987	-81.0178
29732	53781	23431	1.38E+08	4393237	53.332	1.696	34.97137	-81.0813
29733	1751	0	305919	0	0.118	0	34.93959	-81.032
29741	2082	1065	96153790	423628	37.125	0.164	34.72529	-80.1955
29742	2460	1132	2.11E+08	866591	81.328	0.335	34.86998	-81.3923
29743	1071	478	80816855	140451	31.204	0.054	35.01119	-81.3867
29745	28919	11502	3.5E+08	11201136	135.152	4.325	34.99112	-81.2142
29801	26778	12180	2.27E+08	1013891	87.563	0.391	33.58899	-81.697
29803	36843	17234	4.93E+08	1936725	190.357	0.748	33.49027	-81.7627
29805	5864	2571	2.56E+08	1794958	98.829	0.693	33.64605	-81.6045
29809	2206	1090	16222350	4035	6.263	0.002	33.4189	-81.6925
29810	4990	2382	3.15E+08	3609339	121.763	1.394	32.98637	-81.3781
29812	11864	5401	7.16E+08	17007420	276.581	6.567	33.23084	-81.4313
29816	1033	486	2550550	52640	0.985	0.02	33.50112	-81.8735
29817	4913	2419	2.79E+08	1600946	107.595	0.618	33.37053	-81.2732
29819	1523	715	1.77E+08	360977	68.213	0.139	34.04423	-82.2274
29821	1487	697	1.61E+08	13185863	62.015	5.091	33.64305	-82.107
29824	8535	2994	5.8E+08	2867634	223.897	1.107	33.82129	-81.9976
29826	164	93	8694415	12865	3.357	0.005	33.3854	-81.3591
29827	4624	1640	2.71E+08	1078776	104.697	0.417	32.96316	-81.2539
29828	1003	518	1745048	13261	0.674	0.005	33.52281	-81.8282
29829	8651	3633	85052464	1194620	32.839	0.461	33.57469	-81.8578
29831	4146	1892	2.98E+08	5362069	115.168	2.07	33.29745	-81.7996
29832	5335	2392	2.51E+08	2633921	96.979	1.017	33.83899	-81.8037
29834	1687	796	4882842	257833	1.885	0.1	33.51293	-81.8567
29835	6566	3749	4.74E+08	38461778	183.112	14.85	33.9195	-82.289
29836	482	285	4.41E+08	4115006	170.109	1.589	33.12486	-81.5602
29838	501	417	75889331	8896715	29.301	3.435	33.74679	-82.1509
29840	251	153	86239480	9073877	33.297	3.503	34.0072	-82.5213
29841	32494	14342	82449039	1954392	31.834	0.755	33.52641	-81.9393
29842	7675	3382	1.01E+08	1316983	39.113	0.508	33.45153	-81.8634
29843	1291	682	1.65E+08	726176	63.834	0.28	33.18207	-81.1798
29844	123	70	8613757	16334622	3.326	6.307	33.76961	-82.2419
29845	1104	761	1.7E+08	9637757	65.786	3.721	33.81784	-82.2014
29847	5480	2154	2.35E+08	2724895	90.851	1.052	33.6941	-81.8528
29848	751	413	2.44E+08	536207	94.378	0.207	33.97042	-82.0759
29849	294	161	94711945	533087	36.568	0.206	33.10026	-81.2345
29850	111	75	5271467	355320	2.035	0.137	33.60967	-81.817
29851	7524	3425	53720315	1373844	20.742	0.53	33.50744	-81.8118
29853	6580	3062	2.87E+08	3281479	110.754	1.267	33.40322	-81.4226
29856	3255	1381	1.5E+08	361216	57.925	0.139	33.48414	-81.5099
29860	14450	5758	1.35E+08	2773632	52.006	1.071	33.61469	-81.9844
29899	1244	0	977272	0	0.377	0	33.92802	-82.2506

29902	14779	6706	48403801	29313807	18.689	11.318	32.33493	-80.6843
29904	659	0	162113	0	0.063	0	32.45744	-80.7179
29905	3054	13	7167958	2078080	2.768	0.802	32.35159	-80.6822
29906	21765	9046	1.26E+08	21938487	48.511	8.47	32.44511	-80.7529
29907	12570	5333	1.09E+08	55163470	42.053	21.299	32.47469	-80.5992
29909	16394	10017	1.43E+08	70646028	55.193	27.277	32.33684	-80.8478
29910	33954	14606	2.67E+08	36621167	103.047	14.14	32.21775	-80.8908
29911	1725	815	1.95E+08	794133	75.126	0.307	32.94116	-81.1417
29912	42	17	900136	75511	0.348	0.029	32.58349	-80.9294
29915	416	602	27894302	6252371	10.77	2.414	32.11544	-80.8659
29916	1533	742	1.89E+08	182100	73.072	0.07	32.71846	-80.9671
29918	5278	1797	2.35E+08	1462965	90.782	0.565	32.74451	-81.2473
29920	9481	6964	2.53E+08	1.21E+08	97.687	46.543	32.36745	-80.5449
29921	227	129	17328763	0	6.691	0	32.68258	-81.1729
29922	1214	644	3.47E+08	4018177	133.969	1.551	32.62583	-81.2773
29923	392	199	34612199	0	13.364	0	32.85952	-81.2464
29924	4331	2086	1.38E+08	690936	53.397	0.267	32.87689	-81.1112
29926	23742	12241	78923762	42834269	30.473	16.538	32.23825	-80.7403
29927	8237	3412	5.08E+08	21696463	196.117	8.377	32.2268	-81.0579
29928	16110	22745	53436388	17814193	20.632	6.878	32.16317	-80.7558
29929	1135	559	1.96E+08	41790	75.723	0.016	32.92787	-80.9385
29932	269	140	1.86E+08	3231135	71.856	1.248	32.81815	-81.3486
29934	1172	530	1.8E+08	3311	69.635	0.001	32.59159	-81.1074
29935	3685	2123	5968863	2488599	2.305	0.961	32.38361	-80.6952
29936	13354	5289	6.14E+08	14117878	237.205	5.451	32.48134	-80.9717
29939	302	126	27934636	0	10.786	0	32.67251	-81.244
29940	3967	1770	1.48E+08	28462936	57.12	10.99	32.55044	-80.7024
29941	497	350	41816748	8096294	16.146	3.126	32.55031	-80.8067
29943	477	253	1.19E+08	2646716	45.82	1.022	32.4791	-81.1908
29944	5118	2239	3.43E+08	94921	132.36	0.037	32.79312	-81.0354
29945	4841	2252	5.68E+08	27607919	219.328	10.659	32.67331	-80.7659
30002	5861	2954	4392655	34982	1.696	0.014	33.77334	-84.2617
30004	53033	20261	1.49E+08	1921922	57.391	0.742	34.14388	-84.2931
30005	34442	12397	37517959	1075245	14.486	0.415	34.08715	-84.221
30008	29822	10922	24467923	27393	9.447	0.011	33.89763	-84.5896
30009	13722	6408	24858412	212040	9.598	0.082	34.07896	-84.3053
30011	14402	5229	68946079	437217	26.62	0.169	34.01986	-83.8372
30012	27258	10658	1.11E+08	2633897	42.834	1.017	33.71781	-84.0025
30013	25183	10141	73456443	1092832	28.362	0.422	33.64502	-83.9719
30014	35037	14218	3E+08	14166649	115.915	5.47	33.58006	-83.8231
30016	51140	18762	2.37E+08	3155019	91.572	1.218	33.51743	-83.9287
30017	20160	7144	30977758	538174	11.961	0.208	33.89053	-83.9619
30019	40447	13367	1.2E+08	621820	46.329	0.24	33.97561	-83.8837
30021	21989	8963	9160340	40492	3.537	0.016	33.80693	-84.2376
30022	64359	24607	65879461	882034	25.436	0.341	34.03033	-84.2419
30024	64614	21682	1.1E+08	1832329	42.55	0.707	34.06297	-84.0908
30025	9270	3635	1.75E+08	2429448	67.719	0.938	33.6559	-83.6966

30028	22182	7921	1.32E+08	2428829	51.024	0.938	34.29305	-84.1762
30030	26473	13327	16865049	13960	6.512	0.005	33.77195	-84.2903
30032	47222	20467	35305648	78605	13.632	0.03	33.73931	-84.2636
30033	30763	14786	23921835	98232	9.236	0.038	33.81166	-84.2832
30034	43113	18209	43902603	606947	16.951	0.234	33.69087	-84.2486
30035	20396	8694	22151468	140387	8.553	0.054	33.72445	-84.2042
30038	37233	16343	75254108	997655	29.056	0.385	33.66646	-84.1399
30039	41517	14700	64847001	1209377	25.038	0.467	33.79796	-84.0335
30040	54653	19873	1.52E+08	1667884	58.676	0.644	34.21035	-84.1878
30041	52749	19731	1.52E+08	23211987	58.832	8.962	34.20463	-84.1004
30043	80241	27767	84251106	1006024	32.53	0.388	33.99928	-84.0095
30044	79701	27851	63418406	511229	24.486	0.197	33.92209	-84.0657
30045	34402	11232	56297395	877935	21.737	0.339	33.93652	-83.9277
30046	34523	13171	40571712	312831	15.665	0.121	33.94863	-83.9958
30047	59660	21153	71773626	935367	27.712	0.361	33.87014	-84.1123
30052	59451	21387	2.27E+08	1987573	87.461	0.767	33.81515	-83.8936
30054	11985	4431	1.07E+08	1885299	41.357	0.728	33.67325	-83.8718
30055	3018	1312	1.33E+08	2917496	51.345	1.126	33.4967	-83.75
30056	2500	948	99073235	960254	38.252	0.371	33.50025	-83.6596
30058	52945	21269	79708450	1650437	30.776	0.637	33.74033	-84.1088
30060	34562	14338	42337178	338581	16.346	0.131	33.92643	-84.5416
30062	62136	24275	66841137	743478	25.808	0.287	34.00253	-84.4703
30064	46076	18704	82513745	498065	31.859	0.192	33.93974	-84.6138
30066	52936	20730	70562915	697868	27.244	0.269	34.03239	-84.5052
30067	45182	22586	38344887	708658	14.805	0.274	33.93428	-84.4622
30068	31595	12628	37119955	1069086	14.332	0.413	33.96733	-84.4335
30070	342	181	160149	0	0.062	0	33.57443	-83.8947
30071	23005	8121	30949118	116341	11.95	0.045	33.93995	-84.2062
30072	730	425	529078	43791	0.204	0.017	33.79212	-84.2065
30075	52573	20753	77240837	2167748	29.823	0.837	34.0557	-84.3903
30076	42678	17373	40325186	1194705	15.57	0.461	34.02847	-84.3114
30078	33057	12190	43957298	657067	16.972	0.254	33.86102	-84.018
30079	2960	1346	3309688	18701	1.278	0.007	33.79206	-84.2574
30080	49905	26571	35280488	175244	13.622	0.068	33.86966	-84.4988
30082	25905	11929	27147332	226696	10.482	0.088	33.8546	-84.536
30083	50384	21620	43952991	1377864	16.97	0.532	33.79741	-84.198
30084	35921	15049	39519992	288159	15.259	0.111	33.8541	-84.2162
30087	36761	14385	60453782	1736840	23.341	0.671	33.80587	-84.1269
30088	25257	10462	20117617	183884	7.767	0.071	33.75605	-84.1824
30092	31704	13869	28400796	479841	10.966	0.185	33.97239	-84.232
30093	53351	19478	30891555	506720	11.927	0.196	33.90854	-84.1773
30094	31244	12003	1.05E+08	1614953	40.365	0.624	33.61364	-84.0536
30096	62265	26268	59258058	1083488	22.88	0.418	33.97429	-84.1454
30097	41715	15168	58213654	1261299	22.476	0.487	34.02614	-84.1456
30101	54373	19771	1.05E+08	5823499	40.35	2.248	34.03452	-84.7073
30102	37470	14106	75854408	11233158	29.288	4.337	34.10314	-84.6338
30103	14781	5897	2.62E+08	381797	100.999	0.147	34.36737	-84.9192

30104	4708	1884	99207388	1216188	38.304	0.47	34.08714	-85.0565
30105	2294	984	1.54E+08	1295236	59.617	0.5	34.43261	-85.1725
30106	20300	8684	32103491	76276	12.395	0.029	33.83901	-84.6282
30107	12908	5016	2.82E+08	2493779	108.841	0.963	34.33629	-84.3458
30108	7256	3243	2.28E+08	381112	88.062	0.147	33.5317	-85.263
30110	13349	5545	1.8E+08	877090	69.578	0.339	33.74441	-85.1362
30113	6218	2597	2.68E+08	1383780	103.351	0.534	33.85075	-85.2053
30114	49774	19203	2.79E+08	16052381	107.891	6.198	34.24784	-84.5245
30115	35672	13078	1.57E+08	1852553	60.777	0.715	34.20409	-84.4005
30116	23156	8863	2.65E+08	3534178	102.24	1.365	33.54059	-85.0031
30117	34296	14894	2.84E+08	2589947	109.597	1	33.58185	-85.1324
30118	2373	1	948833	0	0.366	0	33.57237	-85.1034
30120	38085	15155	2.38E+08	2826719	92.074	1.091	34.1679	-84.852
30121	22078	8974	1.46E+08	6522494	56.487	2.518	34.20923	-84.778
30122	21561	9550	62337699	329617	24.069	0.127	33.76691	-84.6414
30124	2978	1366	1.56E+08	2254734	60.294	0.871	34.13369	-85.3458
30125	24352	9710	4.74E+08	1703852	183.2	0.658	34.00205	-85.276
30126	37088	15212	53637641	424000	20.71	0.164	33.81503	-84.5538
30127	60347	21634	1.31E+08	1042911	50.765	0.403	33.87365	-84.695
30132	34215	12793	2.85E+08	1907182	109.942	0.736	33.98883	-84.859
30134	43356	16218	1.28E+08	460280	49.589	0.178	33.77752	-84.7814
30135	61912	22875	2.17E+08	1626928	83.755	0.628	33.67016	-84.7344
30137	1650	683	10262407	18138	3.962	0.007	34.12411	-84.7609
30139	3845	1722	1.86E+08	195100	71.73	0.075	34.43234	-84.7055
30141	22457	8622	76317343	486509	29.466	0.188	33.86095	-84.7696
30143	21145	10589	3.61E+08	1283284	139.264	0.495	34.45996	-84.4318
30144	52252	20357	58464478	543841	22.573	0.21	34.03686	-84.591
30145	8378	3077	2.06E+08	1770972	79.536	0.684	34.24571	-84.9859
30147	4365	1937	47054362	389780	18.168	0.15	34.15063	-85.2082
30148	453	215	27794606	157966	10.732	0.061	34.45879	-84.2586
30149	1569	46	22625348	45993	8.736	0.018	34.30975	-85.226
30152	40393	15221	54529036	678680	21.054	0.262	33.98965	-84.6466
30153	18411	7660	3.09E+08	2609470	119.144	1.008	33.95988	-85.0545
30157	45123	16626	2.2E+08	1552643	84.936	0.599	33.885	-84.8746
30161	35058	15715	3.67E+08	6453853	141.8	2.492	34.24173	-85.1716
30164	16	14	48423	9392	0.019	0.004	33.39584	-83.834
30165	39975	16505	4.3E+08	10301696	166.162	3.978	34.30292	-85.2691
30168	24241	10614	32385022	295284	12.504	0.114	33.78354	-84.5881
30170	2994	1266	1.18E+08	0	45.612	0	33.42923	-85.1695
30171	3491	1324	1.37E+08	21391	52.815	0.008	34.34355	-84.7257
30173	6221	2483	87402910	453799	33.746	0.175	34.13312	-85.1535
30175	6074	2580	2.28E+08	295550	88.131	0.114	34.53492	-84.5267
30176	7050	3167	2.17E+08	213475	83.762	0.082	33.76774	-85.3001
30177	1049	454	13082156	0	5.051	0	34.41131	-84.3779
30178	3468	1300	1.4E+08	313776	53.989	0.121	34.09545	-84.9711
30179	16807	6570	1.94E+08	2330131	74.793	0.9	33.77934	-85.0135
30180	34274	13692	1.94E+08	2206015	74.889	0.852	33.7171	-84.918

30182	2666	1179	92236743	195427	35.613	0.075	33.65582	-85.2488
30183	5282	2280	1.59E+08	2095614	61.306	0.809	34.33904	-84.6028
30184	6847	2768	1.75E+08	7080351	67.513	2.734	34.25203	-84.741
30185	3892	1614	1.64E+08	1599201	63.265	0.617	33.5194	-84.9178
30187	8740	3305	89123152	53996	34.411	0.021	33.66255	-84.8472
30188	52380	20965	1.14E+08	1368402	43.967	0.528	34.12353	-84.4576
30189	36859	13512	50368726	5571583	19.447	2.151	34.12421	-84.5707
30204	13493	5442	3.23E+08	3080382	124.894	1.189	33.05605	-84.121
30205	3061	1187	94153284	2068206	36.353	0.799	33.26743	-84.4751
30206	2958	1135	1.44E+08	1802630	55.602	0.696	33.09606	-84.4582
30213	29384	12120	1.66E+08	2204176	64.116	0.851	33.5893	-84.6368
30214	28913	11482	1.37E+08	3045895	52.721	1.176	33.49046	-84.486
30215	33665	12312	1.86E+08	4537348	71.693	1.752	33.39161	-84.4564
30216	2159	908	77920731	598083	30.085	0.231	33.22885	-83.8849
30217	9433	4097	6.73E+08	14063692	259.747	5.43	33.2819	-85.1338
30218	1974	813	1.74E+08	2506166	67.37	0.968	33.12932	-84.5872
30220	5533	2138	1.42E+08	243378	54.9	0.094	33.2255	-84.8235
30222	4042	1882	3.74E+08	2113628	144.53	0.816	33.04436	-84.7435
30223	36769	15424	2.81E+08	4983956	108.319	1.924	33.2888	-84.2799
30224	25197	10413	1.71E+08	2688252	66.139	1.038	33.2045	-84.2389
30228	38569	14356	1.94E+08	4485835	74.824	1.732	33.40415	-84.3074
30230	9103	3957	3.38E+08	5947533	130.664	2.296	33.16449	-84.9206
30233	23218	9242	4.03E+08	10775935	155.719	4.161	33.29216	-83.9695
30234	1934	783	30658828	7423	11.837	0.003	33.32388	-84.031
30236	46434	18927	83389301	4231273	32.197	1.634	33.52397	-84.3249
30238	34713	13200	43703050	420554	16.874	0.162	33.49325	-84.3793
30240	30014	12541	3.62E+08	71207039	139.588	27.493	33.0368	-85.1202
30241	23176	9590	2.88E+08	3632530	111.367	1.403	33.02234	-84.9494
30248	23249	8290	1.83E+08	1638751	70.573	0.633	33.35143	-84.1067
30250	679	19	695475	0	0.269	0	33.43653	-84.3142
30251	2342	1003	89403529	471346	34.519	0.182	33.19502	-84.7032
30252	41428	14627	2.36E+08	3243472	91.213	1.252	33.47351	-84.0572
30253	49380	19117	1.26E+08	1275961	48.522	0.493	33.44893	-84.1836
30256	2826	1120	88966934	1083579	34.35	0.418	33.00748	-84.3099
30257	4138	1709	1.14E+08	2190427	44.183	0.846	33.14341	-84.1862
30258	2622	1062	1.45E+08	2235230	55.933	0.863	32.97249	-84.4491
30259	3041	1230	90082531	723959	34.781	0.28	33.2662	-84.7375
30260	23244	9962	29187754	314827	11.269	0.122	33.58469	-84.3273
30263	53008	21403	5.17E+08	5544125	199.74	2.141	33.38842	-84.8589
30265	31713	12484	1.1E+08	1751689	42.551	0.676	33.41166	-84.711
30268	9090	3870	1.69E+08	2810151	65.382	1.085	33.5462	-84.7228
30269	35069	13845	64964461	2413001	25.083	0.932	33.39188	-84.5706
30273	14709	5716	16893304	155596	6.523	0.06	33.5838	-84.271
30274	31893	13148	27349189	154736	10.56	0.06	33.55462	-84.4004
30275	19	13	277620	0	0.107	0	33.43712	-84.8742
30276	13866	5449	2.54E+08	3371500	98.199	1.302	33.26275	-84.5716
30277	20270	7437	1.15E+08	1965756	44.476	0.759	33.37531	-84.6492

30281	66140	26239	1.82E+08	2291381	70.321	0.885	33.5679	-84.1934
30284	55	26	241718	3315	0.093	0.001	33.34287	-84.289
30285	707	287	44107477	686363	17.03	0.265	32.98767	-84.2582
30286	23490	10550	5.03E+08	6695597	194.193	2.585	32.87917	-84.3306
30288	8929	3343	20238627	117597	7.814	0.045	33.65283	-84.3271
30289	82	38	559987	0	0.216	0	33.32289	-84.6339
30290	8286	3041	46279685	1288480	17.869	0.497	33.47641	-84.5897
30291	21010	9624	31605281	344863	12.203	0.133	33.57231	-84.5433
30292	5943	2185	1.51E+08	2118188	58.156	0.818	33.16849	-84.3932
30293	2981	1435	2.09E+08	2778279	80.503	1.073	32.97667	-84.6115
30294	39865	14764	83815584	742650	32.361	0.287	33.63985	-84.2671
30295	4159	1660	1.13E+08	2154485	43.655	0.832	33.09028	-84.3104
30296	25840	9803	27134531	420682	10.477	0.162	33.56319	-84.4412
30297	27188	10559	28422409	155020	10.974	0.06	33.61584	-84.373
30303	5934	1749	2705518	0	1.045	0	33.75326	-84.39
30305	22999	14125	16667801	72892	6.435	0.028	33.8357	-84.3891
30306	22246	12373	11370386	35043	4.39	0.014	33.78932	-84.3515
30307	18004	9348	11828687	13981	4.567	0.005	33.77108	-84.3336
30308	15413	11205	4130055	0	1.595	0	33.77113	-84.3781
30309	21845	16207	8852923	94188	3.418	0.036	33.79983	-84.3859
30310	26912	14349	22842592	19991	8.82	0.008	33.72659	-84.426
30311	32218	15636	32193748	94141	12.43	0.036	33.72326	-84.476
30312	19360	12007	8683550	0	3.353	0	33.74473	-84.3752
30313	9495	2856	2880070	0	1.112	0	33.76454	-84.3973
30314	22020	10614	12092212	0	4.669	0	33.75758	-84.4322
30315	33857	14791	29303430	42793	11.314	0.017	33.70283	-84.3825
30316	31110	15164	32428893	140556	12.521	0.054	33.71155	-84.3318
30317	11970	6269	9101610	96244	3.514	0.037	33.748	-84.3156
30318	49736	25475	52742175	475017	20.364	0.183	33.79274	-84.4483
30319	38423	19500	26839643	310649	10.363	0.12	33.87745	-84.3363
30322	2023	0	1068100	2087	0.412	0.001	33.79449	-84.3266
30324	24267	15645	13628133	115188	5.262	0.044	33.81841	-84.3582
30326	4802	3928	1791714	0	0.692	0	33.84952	-84.364
30327	22208	9929	43484137	757331	16.789	0.292	33.86977	-84.4171
30328	30348	16017	33429785	586326	12.907	0.226	33.93254	-84.3859
30329	28539	13149	14012097	134900	5.41	0.052	33.82748	-84.323
30331	54094	25100	95884250	1630274	37.021	0.629	33.70729	-84.5439
30332	2970	0	218051	0	0.084	0	33.77827	-84.4045
30334	1	0	126610	0	0.049	0	33.74886	-84.3872
30336	971	460	26971197	584838	10.414	0.226	33.73837	-84.5675
30337	11505	6225	31231737	36257	12.059	0.014	33.64015	-84.4501
30338	33617	15262	25426973	225182	9.817	0.087	33.94622	-84.3181
30339	18304	12022	21254578	999023	8.206	0.386	33.87632	-84.4621
30340	29394	11419	22045569	41476	8.512	0.016	33.89787	-84.2528
30341	31793	14015	26345053	36389	10.172	0.014	33.8881	-84.2889
30342	29879	13798	23157587	184977	8.941	0.071	33.88218	-84.3753
30344	31776	15991	31322888	40039	12.094	0.015	33.67636	-84.4608

30345	23129	10492	18432938	215323	7.117	0.083	33.85172	-84.2836
30346	4696	3377	2607497	0	1.007	0	33.92423	-84.3389
30349	67602	30002	1.19E+08	778136	45.906	0.3	33.62249	-84.5239
30350	34740	17631	32437664	1875899	12.524	0.724	33.97748	-84.3324
30354	14857	6855	27838448	62060	10.748	0.024	33.6615	-84.3869
30360	14536	5640	15082723	398559	5.823	0.154	33.93381	-84.2726
30363	2680	2675	815736	11601	0.315	0.004	33.791	-84.399
30401	13500	5853	6.55E+08	7864454	252.818	3.036	32.59962	-82.3526
30410	2168	807	1.73E+08	1010335	66.825	0.39	32.18752	-82.5146
30411	4371	1206	3.92E+08	4129837	151.454	1.595	32.12812	-82.7946
30412	80	40	3957266	40282	1.528	0.016	32.07892	-82.4908
30413	1575	770	3.2E+08	2238735	123.48	0.864	32.88898	-82.5106
30415	6780	2725	4.16E+08	4767384	160.726	1.841	32.32448	-81.6035
30417	11090	4763	4.47E+08	10301600	172.616	3.977	32.17047	-81.921
30420	1460	783	98133230	2154405	37.889	0.832	32.28842	-82.1527
30421	3381	1746	2.62E+08	3552573	101.051	1.372	32.1796	-82.1076
30423	120	63	1944008	123410	0.751	0.048	32.14881	-81.8306
30425	1198	593	1.85E+08	2994636	71.565	1.156	32.68404	-82.0954
30426	1100	565	3.08E+08	5333804	118.779	2.059	33.03165	-81.6419
30427	12864	4977	6.16E+08	12179103	237.688	4.702	31.92291	-81.9624
30428	2766	1278	3.85E+08	7068881	148.801	2.729	32.22455	-82.7151
30429	205	69	563524	0	0.218	0	32.16545	-81.9362
30434	5728	2348	5.12E+08	4625408	197.639	1.786	33.02567	-82.3838
30436	11961	5348	7.32E+08	14027185	282.479	5.416	32.15595	-82.2938
30438	74	27	822332	8342	0.318	0.003	32.16561	-82.0205
30439	10877	4677	6.27E+08	14765650	242.119	5.701	32.40476	-82.0756
30441	1663	868	4.73E+08	6058135	182.526	2.339	32.79707	-82.225
30442	7698	3845	8.07E+08	12718845	311.504	4.911	32.79979	-81.9835
30445	3285	1422	2.06E+08	6081397	79.719	2.348	32.16398	-82.5885
30446	1357	622	1.71E+08	2383014	65.907	0.92	32.56349	-81.463
30448	81	29	7461573	77736	2.881	0.03	32.48824	-82.3634
30449	119	65	19836426	166945	7.659	0.064	32.51522	-81.561
30450	2583	1114	1.28E+08	3298830	49.487	1.274	32.56233	-81.923
30451	33	21	198236	0	0.077	0	32.39073	-81.9525
30452	1567	698	1.39E+08	5947801	53.798	2.296	32.32532	-81.8888
30453	9703	3145	3.19E+08	6888901	123.254	2.66	32.01107	-82.1217
30454	538	281	92712660	1581374	35.797	0.611	32.43608	-82.7304
30455	597	290	1.13E+08	1880644	43.755	0.726	32.69098	-81.8023
30456	2119	931	2.09E+08	1524284	80.639	0.589	32.98075	-81.7962
30457	6424	2785	4.58E+08	6928231	176.869	2.675	32.40027	-82.5675
30458	41139	17038	3.78E+08	12776415	145.942	4.933	32.39968	-81.8283
30460	427	0	40019	7718	0.015	0.003	32.41905	-81.7816
30461	13390	5436	4.17E+08	11527041	161.063	4.451	32.51179	-81.7189
30464	78	23	2102226	70462	0.812	0.027	32.43723	-82.225
30467	12600	5783	1.34E+09	21783522	516.458	8.411	32.75379	-81.6035
30470	517	236	75365485	706759	29.099	0.273	32.31392	-82.561
30471	4702	1943	3.76E+08	7429357	145.356	2.868	32.54327	-82.1809

30473	2972	1528	2.15E+08	8009477	83.022	3.092	32.0169	-82.4688
30474	16594	7312	3.61E+08	4434971	139.472	1.712	32.23858	-82.4178
30475	52	22	241059	0	0.093	0	32.2247	-82.3686
30477	3070	1367	1.83E+08	1522432	70.722	0.588	32.86153	-82.4016
30501	28048	10673	56588725	6918208	21.849	2.671	34.31883	-83.8152
30504	22463	8134	42908340	12950404	16.567	5	34.27312	-83.8903
30506	41667	17783	2.6E+08	62009977	100.34	23.942	34.34695	-83.8956
30507	28399	8861	1.84E+08	771175	71.041	0.298	34.25485	-83.7744
30510	8291	2690	1.16E+08	260051	44.853	0.1	34.44483	-83.5717
30511	3186	1385	77235665	490169	29.821	0.189	34.4497	-83.4867
30512	19490	12614	5.75E+08	17785342	222.011	6.867	34.85672	-83.9679
30513	11172	8117	3.85E+08	6221870	148.648	2.402	34.82104	-84.3224
30516	2054	885	54378552	212052	20.996	0.082	34.37952	-83.0314
30517	11963	4515	72378772	699562	27.946	0.27	34.13036	-83.7972
30518	45211	16972	1.03E+08	18656061	39.744	7.203	34.13085	-84.0274
30519	39812	13725	88805697	657254	34.288	0.254	34.08744	-83.945
30520	4426	1936	1.48E+08	979437	57.179	0.378	34.34005	-83.0826
30521	4944	2252	2.45E+08	2336809	94.481	0.902	34.36245	-83.2923
30522	1092	1007	1.17E+08	158647	45.341	0.061	34.7961	-84.3405
30523	12904	6922	4.46E+08	6962670	172.253	2.688	34.71661	-83.5536
30525	7364	4889	5.33E+08	5138729	205.853	1.984	34.90722	-83.3694
30527	4043	1657	65674632	329125	25.357	0.127	34.48137	-83.7838
30528	22679	12111	4.62E+08	2849820	178.453	1.1	34.62106	-83.7932
30529	10920	4567	1.33E+08	1386508	51.444	0.535	34.21718	-83.4827
30530	6752	2690	2.03E+08	1894797	78.275	0.732	34.2223	-83.3937
30531	11279	4501	99303373	769959	38.341	0.297	34.5126	-83.5922
30533	25296	10863	5.67E+08	2951478	218.869	1.14	34.56356	-84.0201
30534	26685	11876	5.93E+08	11836564	229.018	4.57	34.4311	-84.1443
30535	7042	3054	75020919	1401226	28.966	0.541	34.57348	-83.5754
30536	8363	4694	4E+08	339319	154.272	0.131	34.64887	-84.3668
30537	1249	1604	52303999	201793	20.195	0.078	34.97632	-83.3202
30538	2854	1246	65937119	674072	25.458	0.26	34.50099	-83.2638
30540	17297	9885	5.08E+08	11706538	196.315	4.52	34.72813	-84.5435
30541	1603	900	1.82E+08	0	70.347	0	34.91291	-84.5391
30542	31946	12438	1.09E+08	19701695	42.2	7.607	34.17765	-83.9091
30543	4487	1657	97748945	442846	37.741	0.171	34.29046	-83.6495
30545	936	1228	1.03E+08	132082	39.653	0.051	34.76251	-83.7622
30546	6496	5457	3.5E+08	13508270	135.215	5.216	34.8988	-83.6966
30547	3268	1412	1.36E+08	492402	52.535	0.19	34.36183	-83.4559
30548	15870	5937	1E+08	919817	38.718	0.355	34.0898	-83.7669
30549	22500	8659	2.83E+08	2962641	109.348	1.144	34.10799	-83.5774
30552	1697	1757	1.41E+08	5068759	54.518	1.957	34.77086	-83.4437
30553	7232	4277	1.53E+08	13571674	59.253	5.24	34.44384	-83.084
30554	8535	3431	1.89E+08	2805701	72.948	1.083	34.39915	-83.6608
30555	2061	1240	34176931	125253	13.196	0.048	34.97479	-84.4289
30557	4975	2770	1.44E+08	6545803	55.735	2.527	34.4798	-83.185
30558	5456	2248	1.53E+08	2135118	59.101	0.824	34.26619	-83.5687

30559	4333	2773	1.28E+08	562376	49.367	0.217	34.95784	-84.2742
30560	4599	3324	1.89E+08	6635777	72.924	2.562	34.87676	-84.2048
30562	1128	619	7698938	28208	2.973	0.011	34.92151	-83.3811
30563	5373	2227	90097908	768625	34.787	0.297	34.56787	-83.4549
30564	4463	1900	80067617	1278760	30.914	0.494	34.46973	-83.8869
30565	4758	1877	88298643	913664	34.092	0.353	34.08621	-83.4115
30566	7906	3394	24107218	1473493	9.308	0.569	34.23617	-83.8952
30567	2981	1118	81024221	690123	31.284	0.266	34.18082	-83.6766
30568	1877	1043	74887743	212316	28.914	0.082	34.95945	-83.4327
30571	3682	2895	1.46E+08	991660	56.183	0.383	34.70752	-83.694
30572	1260	1201	2.76E+08	527922	106.634	0.204	34.73579	-84.0725
30573	163	99	12372571	280146	4.777	0.108	34.7496	-83.4167
30575	1375	552	29849971	146604	11.525	0.057	34.20764	-83.7135
30576	2521	1661	97898254	2555375	37.799	0.987	34.84049	-83.4602
30577	22230	10427	4.21E+08	8108224	162.411	3.131	34.55242	-83.3259
30581	73	35	519668	0	0.201	0	34.79525	-83.4237
30582	4567	2657	1.29E+08	538844	49.908	0.208	34.95375	-83.8957
30601	20835	9644	61128407	862700	23.602	0.333	34.00159	-83.3449
30602	2409	1	1853033	26025	0.715	0.01	33.94454	-83.3729
30605	39952	17663	94864699	1773793	36.627	0.685	33.90591	-83.3236
30606	40225	19040	78942956	1087072	30.48	0.42	33.93859	-83.4294
30607	10895	4113	91671950	1438616	35.395	0.555	34.01731	-83.4476
30609	1956	0	60531	0	0.023	0	33.94946	-83.382
30619	1440	639	69132389	787733	26.692	0.304	33.85581	-83.2447
30620	12486	4408	61575754	2286529	23.775	0.883	33.92947	-83.7584
30621	5109	1843	1.26E+08	1808812	48.757	0.698	33.79146	-83.4921
30622	10344	4370	1.07E+08	1295823	41.184	0.5	33.92522	-83.5175
30623	154	57	5596026	13170	2.161	0.005	33.72847	-83.5418
30624	2611	1191	1.11E+08	1108081	43.046	0.428	34.18625	-83.0441
30625	2438	1273	1.17E+08	8654611	45.353	3.342	33.52028	-83.3335
30627	2273	1072	3.22E+08	3061820	124.477	1.182	33.97331	-82.9581
30628	6556	2610	1.24E+08	1652820	47.993	0.638	34.02888	-83.2133
30629	4531	1947	1.94E+08	2640837	74.763	1.02	34.07693	-83.1101
30630	2438	1032	94290852	761347	36.406	0.294	33.91337	-83.1473
30631	1767	1036	5.02E+08	1960468	193.652	0.757	33.55931	-82.8752
30633	8474	3578	2.59E+08	2100294	99.977	0.811	34.17817	-83.2549
30634	2281	993	1.25E+08	845421	48.154	0.326	34.19569	-82.9455
30635	16109	7766	7.35E+08	58326248	283.943	22.52	34.10577	-82.7932
30641	1810	743	88286888	745691	34.088	0.288	33.77836	-83.574
30642	11001	6289	5.07E+08	39858005	195.627	15.389	33.55413	-83.1944
30643	16382	8705	2.99E+08	55601124	115.595	21.468	34.36266	-82.909
30646	6946	2902	90194553	1425782	34.824	0.55	34.08303	-83.2988
30648	2988	1285	2.18E+08	1311171	84.284	0.506	33.87998	-83.0521
30650	11708	4802	5.73E+08	7514220	221.211	2.901	33.58371	-83.4738
30655	24136	9818	2.23E+08	2298428	86.223	0.887	33.78169	-83.6961
30656	15133	5908	1.81E+08	2045728	69.792	0.79	33.86214	-83.7162
30660	1191	606	2.6E+08	611131	100.212	0.236	33.78423	-82.9515

30662	8537	3828	2.08E+08	2069628	80.15	0.799	34.26731	-83.1541
30663	3032	1236	1.43E+08	2464089	55.212	0.951	33.6158	-83.601
30664	38	16	720635	6398	0.278	0.002	33.55626	-82.7983
30665	80	39	6220339	88576	2.402	0.034	33.54277	-83.0627
30666	8659	3391	95069640	1177344	36.707	0.455	33.96214	-83.5847
30667	1035	460	2.02E+08	673443	78.127	0.26	33.77635	-83.1453
30668	1924	1453	4.14E+08	21200907	159.82	8.186	33.89575	-82.6972
30669	3313	1530	3.22E+08	1083363	124.353	0.418	33.67215	-83.1209
30673	7897	3669	6.79E+08	5877011	262.294	2.269	33.71085	-82.7139
30677	17065	6493	3.06E+08	3097647	118.15	1.196	33.7832	-83.3733
30678	1294	710	1.81E+08	6593900	70.076	2.546	33.45308	-83.0658
30680	37837	14634	2.37E+08	4246303	91.668	1.64	33.99611	-83.7002
30683	6749	2901	1.01E+08	1177058	39.1	0.454	33.94698	-83.2563
30701	40053	15825	3.92E+08	3432957	151.395	1.325	34.49052	-84.9569
30705	33566	13407	6.17E+08	5568751	238.085	2.15	34.75439	-84.7451
30707	16483	6967	3.34E+08	244664	128.842	0.094	34.77195	-85.3592
30708	293	133	37945750	0	14.651	0	34.96178	-84.6646
30710	6661	2604	1.23E+08	197559	47.511	0.076	34.95455	-84.9134
30711	3569	1579	1.8E+08	119328	69.55	0.046	34.92023	-84.7158
30720	26895	11319	1.26E+08	362089	48.474	0.14	34.73364	-85.0008
30721	53601	19749	3.22E+08	543793	124.24	0.21	34.78863	-84.9161
30725	4647	1986	38700940	6384	14.943	0.002	34.92478	-85.3527
30726	56	35	340984	0	0.132	0	34.97624	-85.1396
30728	19612	8621	4.5E+08	980604	173.558	0.379	34.68488	-85.2258
30730	1993	845	1.43E+08	17545	55.391	0.007	34.34805	-85.4175
30731	2428	1368	2.25E+08	239381	86.735	0.092	34.58777	-85.4774
30733	2080	874	39587762	389516	15.285	0.15	34.41459	-85.0506
30734	3466	1575	1.98E+08	340969	76.426	0.132	34.5328	-84.7149
30735	6153	2445	1.61E+08	1590223	62.263	0.614	34.60288	-84.8827
30736	41029	16345	3.33E+08	706831	128.534	0.273	34.90266	-85.134
30738	3799	1930	2.23E+08	251403	86.032	0.097	34.79654	-85.4809
30739	5571	2020	64956508	158869	25.08	0.061	34.80593	-85.216
30740	8600	3468	1.32E+08	227109	50.847	0.088	34.75715	-85.0721
30741	29290	13551	64531856	38187	24.916	0.015	34.95269	-85.2813
30742	7460	3424	8675876	0	3.35	0	34.95058	-85.2432
30746	1223	493	43238702	0	16.695	0	34.57708	-85.0273
30747	16859	6880	4.74E+08	555865	183.036	0.215	34.5026	-85.3028
30750	4125	1421	34172682	0	13.194	0	34.94141	-85.3882
30751	91	41	1471359	0	0.568	0	34.9845	-84.7327
30752	9800	4365	2.02E+08	30130	77.984	0.012	34.91498	-85.538
30753	6697	2827	1.06E+08	31691	40.957	0.012	34.58231	-85.2858
30755	9590	3950	92127326	244213	35.571	0.094	34.86801	-85.0428
30756	74	33	350204	0	0.135	0	34.89765	-84.9771
30757	1787	846	44316522	169553	17.111	0.065	34.9358	-85.4415
30802	6321	2712	3.43E+08	39753498	132.465	15.349	33.60144	-82.2999
30803	741	365	1.43E+08	380668	55.212	0.147	33.1332	-82.5491
30805	2734	1117	91557584	241364	35.351	0.093	33.27975	-82.1918

30807	92	57	1600592	2878	0.618	0.001	33.45741	-82.6486
30808	4615	1908	1.64E+08	3069028	63.39	1.185	33.38411	-82.3919
30809	38168	14211	1.13E+08	2759877	43.669	1.066	33.55595	-82.1704
30810	2138	1040	2.13E+08	1050190	82.187	0.405	33.23568	-82.5905
30812	363	0	364696	0	0.141	0	33.36708	-82.0287
30813	30415	11567	1.29E+08	362141	49.678	0.14	33.47167	-82.2201
30814	8150	3332	1.32E+08	192569	51.155	0.074	33.44041	-82.2998
30815	39640	15269	3.39E+08	1450484	130.719	0.56	33.28724	-82.0889
30816	2109	932	3.39E+08	2308833	130.715	0.891	33.15688	-82.1671
30817	7676	4281	4.99E+08	1.06E+08	192.611	40.871	33.77835	-82.4302
30818	555	242	86668982	87908	33.463	0.034	33.26294	-82.331
30820	1205	643	2.18E+08	1851210	84.1	0.715	33.21757	-82.7099
30821	882	505	2.68E+08	1793558	103.393	0.692	33.49043	-82.7421
30822	526	266	90428778	828683	34.915	0.32	32.92634	-81.8527
30823	1800	770	1.88E+08	525120	72.612	0.203	33.22601	-82.4534
30824	17201	7390	5.14E+08	20121056	198.62	7.769	33.51295	-82.5149
30828	4368	2121	3.51E+08	3627334	135.666	1.401	33.36804	-82.6563
30830	13966	5739	9.32E+08	7982749	359.671	3.082	33.07981	-81.9753
30833	4043	1788	1.77E+08	174452	68.222	0.067	33.19125	-82.3531
30901	16445	8382	53192004	2479448	20.538	0.957	33.43722	-81.9562
30903	585	214	439876	0	0.17	0	33.49015	-82.1627
30904	25666	13210	26835309	1882100	10.361	0.727	33.47829	-82.0141
30905	8955	1148	36227115	103147	13.987	0.04	33.41516	-82.1426
30906	57748	23181	2.19E+08	3680556	84.453	1.421	33.34673	-81.9677
30907	50913	21289	62153036	3153822	23.997	1.218	33.52381	-82.0857
30909	41585	20730	67361823	279633	26.009	0.108	33.47037	-82.083
30912	296	0	380017	0	0.147	0	33.4705	-81.9881
31001	4816	1412	4.53E+08	7751068	175.037	2.993	31.97626	-83.3397
31002	2910	1378	2.99E+08	4470711	115.567	1.726	32.55405	-82.5953
31003	112	79	11977911	0	4.625	0	32.60628	-83.2125
31005	15102	5931	49761223	1027432	19.213	0.397	32.5442	-83.5975
31006	4923	2364	4.7E+08	3046861	181.494	1.176	32.58186	-84.2518
31007	1117	561	1.6E+08	3237033	61.619	1.25	32.18859	-83.9272
31008	18453	7614	1.81E+08	974227	69.759	0.376	32.66535	-83.7859
31009	1477	650	1.85E+08	1376347	71.492	0.531	32.28161	-83.0198
31011	923	436	1.28E+08	1198722	49.56	0.463	32.12958	-83.0749
31012	2683	786	1.41E+08	2087773	54.391	0.806	32.39444	-83.1709
31014	13756	5683	5.46E+08	9019822	210.97	3.483	32.41589	-83.3491
31015	21938	10058	5.64E+08	20648979	217.574	7.973	31.935	-83.7749
31016	1517	704	2.36E+08	1689257	91.174	0.652	32.84225	-84.116
31017	1985	993	2.43E+08	1303087	93.882	0.503	32.62109	-83.2322
31018	2837	598	2.37E+08	2105282	91.437	0.813	32.97709	-82.6276
31019	2318	1048	1.41E+08	1810152	54.48	0.699	32.42424	-83.0513
31020	2541	1166	2.77E+08	6442070	106.917	2.487	32.69051	-83.4986
31021	28549	12471	6.2E+08	7810387	239.43	3.016	32.49341	-82.9431
31022	1424	566	1.12E+08	893970	43.29	0.345	32.51154	-83.1166
31023	15383	7091	7.35E+08	10502575	283.649	4.055	32.18321	-83.1995

31024	20039	12015	8.7E+08	38250695	335.81	14.769	33.32092	-83.3755
31025	1226	508	1.64E+08	913437	63.216	0.353	32.33584	-83.741
31027	10012	4450	4.56E+08	10395409	176.183	4.014	32.58111	-82.8042
31028	5912	2580	9216640	47581	3.559	0.018	32.6272	-83.6957
31029	16287	6532	6.66E+08	1898534	257.247	0.733	33.0412	-83.9364
31030	18977	7315	4.51E+08	3470475	174.13	1.34	32.57068	-83.8901
31031	6576	2962	3.45E+08	2729070	133.234	1.054	32.86628	-83.3283
31032	13993	5496	3.93E+08	1847391	151.674	0.713	33.01168	-83.5692
31033	2660	1148	1.92E+08	314615	74.228	0.121	33.08457	-83.4283
31035	1364	622	1.34E+08	1206338	51.72	0.466	32.8458	-82.696
31036	12998	5499	6.52E+08	6583798	251.8	2.542	32.28206	-83.5232
31037	4313	1530	1.53E+08	1493659	59.232	0.577	32.08127	-82.9696
31038	761	392	2.4E+08	668240	92.801	0.258	33.14274	-83.6471
31039	74	38	7358269	139093	2.841	0.054	32.59433	-84.3871
31041	988	547	1.42E+08	1142632	54.664	0.441	32.33352	-84.2042
31042	1841	861	2.51E+08	289572	96.939	0.112	32.74895	-83.1723
31044	2911	1414	4.48E+08	2195753	173.016	0.848	32.65499	-83.3848
31045	73	54	9403778	185197	3.631	0.072	33.28084	-82.7854
31046	3343	1337	1.94E+08	2262010	74.805	0.873	33.05757	-83.7967
31047	11193	4346	1.86E+08	3243417	71.865	1.252	32.46728	-83.5953
31049	1806	940	2.52E+08	3674917	97.479	1.419	32.68611	-82.5265
31050	965	403	56834999	65198	21.944	0.025	32.73968	-83.956
31051	187	85	4895724	4704	1.89	0.002	32.15588	-83.8868
31052	8652	3536	1.82E+08	2064697	70.308	0.797	32.78443	-83.8485
31054	1671	749	1.31E+08	886440	50.754	0.342	32.88986	-83.2141
31055	8245	3353	3.49E+08	4162377	134.617	1.607	32.00507	-82.9007
31057	2182	1086	2.25E+08	2354670	86.923	0.909	32.435	-83.9366
31058	2123	1022	2.58E+08	936188	99.505	0.361	32.48865	-84.4104
31060	1915	1212	2.64E+08	2992212	101.792	1.155	31.97567	-83.0635
31061	43755	19679	6.13E+08	23760231	236.502	9.174	33.07728	-83.2462
31062	495	10	696373	0	0.269	0	33.04662	-83.2156
31063	5666	2479	2.96E+08	3434475	114.188	1.326	32.28897	-83.9633
31064	9450	4225	6.54E+08	9442108	252.388	3.646	33.2863	-83.7023
31065	1118	506	1.67E+08	1702968	64.46	0.658	32.55238	-83.1676
31066	1147	518	1.76E+08	330968	68.052	0.128	32.80674	-84.0181
31067	222	95	9001517	0	3.476	0	32.86034	-82.9367
31068	5425	1779	2.33E+08	4924988	89.831	1.902	32.32862	-84.117
31069	18948	7967	2.5E+08	2395429	96.452	0.925	32.44007	-83.7486
31070	998	452	1.32E+08	2155993	50.794	0.832	32.18658	-83.7898
31071	1199	555	1.43E+08	339969	55.325	0.131	32.12946	-83.5408
31072	1326	634	1.96E+08	1012246	75.705	0.391	31.97447	-83.5668
31075	2496	1125	1.41E+08	1267683	54.575	0.489	32.35162	-82.9563
31076	3064	1703	3.1E+08	5051543	119.87	1.95	32.53887	-84.1101
31077	1275	717	2.46E+08	5576538	94.882	2.153	31.92114	-83.1984
31078	3566	1545	2.74E+08	1481175	105.605	0.572	32.69491	-84.0745
31079	2398	1138	2.9E+08	2611006	111.859	1.008	31.9429	-83.4588
31081	251	151	91698092	219863	35.405	0.085	32.41923	-84.2827

31082	10408	4674	5.82E+08	6070995	224.872	2.344	32.99642	-82.9031
31083	362	185	5330660	55487	2.058	0.021	32.04035	-82.8142
31084	129	63	686811	33459	0.265	0.013	31.9617	-83.6079
31085	1043	413	1.15E+08	1484948	44.273	0.573	33.42735	-83.6277
31087	9656	5478	1.2E+09	21431862	463.78	8.275	33.25136	-83.001
31088	50163	20915	81408813	578843	31.432	0.223	32.5804	-83.653
31089	4838	2250	3.97E+08	2853327	153.41	1.102	32.85077	-82.8603
31090	1038	528	3.72E+08	8498300	143.725	3.281	32.82974	-83.0682
31091	5189	1674	2.25E+08	3581470	86.769	1.383	32.23789	-83.7045
31092	7420	3562	4.86E+08	4865589	187.566	1.879	32.09096	-83.7856
31093	28087	12662	50846509	584640	19.632	0.226	32.64787	-83.6572
31094	1114	585	2.8E+08	2405241	107.926	0.929	33.11361	-82.7958
31096	7395	2821	4.42E+08	3972816	170.801	1.534	32.72222	-82.7045
31097	1302	591	1.38E+08	1266988	53.456	0.489	32.89041	-84.1669
31098	2888	894	46724240	1451584	18.04	0.56	32.61422	-83.5686
31201	8761	4552	27562134	869117	10.642	0.336	32.80438	-83.6176
31204	31482	15486	37887020	468705	14.628	0.181	32.84851	-83.6748
31206	29072	12298	72325015	605439	27.925	0.234	32.80086	-83.6937
31207	974	1	445440	0	0.172	0	32.82845	-83.6492
31210	30968	13972	1.07E+08	994332	41.329	0.384	32.9073	-83.7353
31211	16282	7499	1.27E+08	662966	49.164	0.256	32.90136	-83.576
31213	0	0	26043	0	0.01	0	32.84008	-83.6394
31216	16109	6245	1.43E+08	1257049	55.105	0.485	32.72966	-83.6853
31217	18408	8033	2.56E+08	2977773	98.695	1.15	32.84357	-83.5007
31220	13839	5846	1.23E+08	6801276	47.49	2.626	32.87123	-83.8095
31301	4591	2114	30196537	566413	11.659	0.219	31.75063	-81.6024
31302	7853	3141	1.1E+08	7774934	42.412	3.002	32.12166	-81.3417
31303	1999	881	2.11E+08	4258610	81.353	1.644	32.50542	-81.3134
31304	132	81	5895320	977894	2.276	0.378	31.51077	-81.3546
31305	5989	3193	1.09E+08	10580428	42.106	4.085	31.39682	-81.394
31307	998	418	9780132	499039	3.776	0.193	32.17284	-81.3986
31308	7305	2916	2.22E+08	2747026	85.824	1.061	32.18032	-81.4713
31309	1210	497	63205065	4351541	24.404	1.68	31.87989	-81.4384
31312	16443	6046	4.13E+08	2355734	159.508	0.91	32.31112	-81.4018
31313	40302	17651	1.64E+08	10697186	63.161	4.13	31.84479	-81.6126
31314	1931	0	23532161	961338	9.086	0.371	31.87015	-81.6311
31315	7488	2524	30638949	314950	11.83	0.122	31.89287	-81.589
31316	9749	4061	7.49E+08	5905853	289.299	2.28	31.71761	-81.7247
31318	341	157	3518205	0	1.358	0	32.14203	-81.3719
31320	8794	4334	2.99E+08	38413526	115.322	14.832	31.7655	-81.3684
31321	6326	2678	3.59E+08	2511732	138.429	0.97	32.18506	-81.6598
31322	21137	8940	73184421	2586693	28.257	0.999	32.10989	-81.2555
31323	1762	788	3.23E+08	27452695	124.651	10.6	31.68748	-81.4277
31324	20495	7810	3.31E+08	38430517	127.682	14.838	31.85023	-81.265
31326	19269	7509	1.81E+08	921663	70.061	0.356	32.2952	-81.2299
31327	195	235	99422632	34506341	38.387	13.323	31.46792	-81.2488
31328	3306	3548	12887602	3427284	4.976	1.323	32.00635	-80.889

31329	9034	3276	2.74E+08	1159357	105.676	0.448	32.42564	-81.3506
31331	7856	5630	7.66E+08	77812382	295.576	30.044	31.52458	-81.4411
31401	21696	11389	12391658	1241204	4.784	0.479	32.07468	-81.0883
31404	31024	13105	38168875	3947417	14.737	1.524	32.05158	-81.0492
31405	37207	15933	77778884	2308643	30.031	0.891	32.03941	-81.1791
31406	33965	15008	66153625	9126107	25.542	3.524	31.98177	-81.0838
31407	7244	3116	73360209	2242413	28.325	0.866	32.18559	-81.1915
31408	9952	3438	63184987	1134605	24.396	0.438	32.11755	-81.1843
31409	652	0	17221974	29403	6.649	0.011	32.01611	-81.1447
31410	23654	10852	50427575	9113963	19.47	3.519	32.02493	-80.9945
31411	8384	4376	54764023	9741343	21.145	3.761	31.94299	-81.0346
31415	12091	5462	15774534	545654	6.091	0.211	32.07916	-81.1282
31419	50954	22521	1.65E+08	12395030	63.548	4.786	31.99715	-81.2306
31501	15576	7189	34124867	272562	13.176	0.105	31.22362	-82.3502
31503	21116	9235	8.59E+08	13265016	331.544	5.122	31.20225	-82.4131
31510	9848	4230	5.42E+08	47596340	209.166	18.377	31.54549	-82.4407
31512	2248	963	2.04E+08	6828354	78.958	2.636	31.5457	-83.0184
31513	16084	7306	8.56E+08	10358200	330.371	3.999	31.77705	-82.3477
31516	14735	6192	3.9E+08	36497294	150.506	14.092	31.30937	-82.2533
31518	704	353	1.17E+08	4159085	45.17	1.606	31.51261	-82.1851
31519	3569	1634	3.41E+08	13277817	131.545	5.127	31.68428	-82.8794
31520	22336	10032	43687965	4379820	16.868	1.691	31.18092	-81.494
31522	14447	11029	1.4E+08	47164287	53.916	18.21	31.25668	-81.342
31523	13229	5444	4.79E+08	34022309	185.017	13.136	31.21798	-81.622
31524	0	0	4373531	62833	1.689	0.024	31.24102	-81.4734
31525	28247	12443	2.54E+08	6468896	98.181	2.498	31.3211	-81.5264
31527	805	798	45709416	38185964	17.649	14.744	31.06699	-81.4333
31532	727	321	1.33E+08	1262104	51.348	0.487	31.72207	-82.7588
31533	17494	7421	1.65E+08	11518047	63.827	4.447	31.56026	-82.828
31535	11264	4480	2.53E+08	13334767	97.63	5.149	31.46122	-82.868
31537	10097	3557	7.51E+08	9556816	290.074	3.69	30.88521	-82.0052
31539	14468	6231	6.99E+08	10438392	269.883	4.03	31.8317	-82.6053
31542	2811	1169	2.64E+08	2006042	102.09	0.775	31.1427	-82.1194
31543	4796	2113	3.24E+08	1264409	124.904	0.488	31.32969	-81.8272
31544	994	601	2.63E+08	4764015	101.395	1.839	31.84071	-82.9636
31545	16133	6870	2.56E+08	5874269	98.994	2.268	31.66396	-81.9342
31546	8095	2765	4.4E+08	7310423	169.881	2.823	31.50981	-81.7773
31547	1293	84	6518673	133948	2.517	0.052	30.79055	-81.5597
31548	20020	8173	1.45E+08	6572090	55.919	2.537	30.79564	-81.6973
31549	2239	1243	2.9E+08	5505020	112.052	2.126	31.9282	-82.7149
31550	780	357	1.32E+08	2392140	51.016	0.924	31.14708	-82.5956
31551	1020	442	1.68E+08	18031533	64.998	6.962	31.49583	-82.2732
31552	932	435	2.22E+08	2525671	85.573	0.975	31.28986	-82.5991
31553	5237	2311	4.43E+08	4442290	171.186	1.715	31.1817	-81.9721
31554	7076	2301	5.11E+08	33680882	197.151	13.004	31.48607	-82.6208
31555	2868	1255	3.82E+08	2748092	147.521	1.061	31.70567	-82.0807
31556	67	28	1202933	85751	0.464	0.033	31.414	-82.112

31557	3043	1354	2.7E+08	18018077	104.437	6.957	31.37494	-82.0981
31558	20373	8762	1.95E+08	69367189	75.217	26.783	30.89934	-81.4276
31560	2842	1266	3.55E+08	2447317	136.883	0.945	31.49921	-82.0212
31561	298	870	12837659	10108933	4.957	3.903	31.20784	-81.3099
31562	2177	977	2.76E+08	2707452	106.494	1.045	30.42239	-82.1704
31563	1324	771	2.88E+08	2369399	111.381	0.915	31.75132	-82.1815
31565	1841	1013	3.34E+08	50349891	128.814	19.44	31.06671	-81.6325
31566	3471	1603	1.64E+08	1984831	63.297	0.766	31.18276	-81.8056
31567	782	341	1.06E+08	5446234	40.785	2.103	31.63089	-82.7062
31568	1273	644	3.24E+08	17994047	125.119	6.948	31.01336	-81.8191
31569	5580	2353	1.69E+08	11236000	65.144	4.338	30.90319	-81.7036
31601	32730	13344	3.97E+08	11995802	153.384	4.632	30.75872	-83.319
31602	34702	14747	1.06E+08	1578827	40.763	0.61	30.8679	-83.3421
31605	20188	8135	1.38E+08	1897032	53.25	0.732	30.92982	-83.2278
31606	3861	1553	1.14E+08	1101717	44.073	0.425	30.80609	-83.19
31620	10690	4546	3.21E+08	9082870	124.01	3.507	31.11693	-83.4342
31622	2178	1078	2.87E+08	1567063	110.785	0.605	31.3785	-83.1922
31623	120	82	2302039	0	0.889	0	31.07443	-82.644
31624	1273	540	2.05E+08	2675382	79.078	1.033	31.29651	-82.7287
31625	1171	561	1.55E+08	1916607	59.932	0.74	30.99265	-83.5335
31626	3463	1670	3.7E+08	3462266	142.909	1.337	30.77831	-83.7961
31627	239	127	2213639	74087	0.855	0.029	31.04318	-83.3926
31629	902	448	1.13E+08	1598449	43.604	0.617	30.81684	-83.6894
31630	419	194	2.31E+08	5675216	89.028	2.191	30.95082	-82.8767
31631	559	318	3.17E+08	7033789	122.473	2.716	30.64433	-82.7421
31632	10295	4068	2.87E+08	7067347	110.95	2.729	30.98699	-83.3605
31634	5844	2506	7.04E+08	35865779	271.834	13.848	31.04249	-82.7675
31635	6560	2746	2.92E+08	22488641	112.605	8.683	31.09524	-83.0495
31636	9539	4135	5.12E+08	14453463	197.504	5.581	30.73099	-83.1114
31637	2848	1273	2.04E+08	4657912	78.644	1.798	31.29245	-83.4403
31638	1045	468	69955594	966064	27.01	0.373	30.90642	-83.5122
31639	10537	4751	5.7E+08	6732725	220.266	2.6	31.21655	-83.1907
31641	1831	758	2.04E+08	16156424	78.834	6.238	30.91957	-83.0923
31642	4898	1991	4.72E+08	10020698	182.108	3.869	31.27214	-82.8946
31643	8709	4142	6.8E+08	5471200	262.625	2.112	30.77079	-83.5584
31645	5147	2285	1.29E+08	3088785	49.626	1.193	31.06072	-83.2187
31647	3535	1405	1.17E+08	2578381	45	0.996	31.20884	-83.4273
31648	1040	388	11955938	0	4.616	0	30.7065	-83.019
31649	1056	471	1.28E+08	1518157	49.253	0.586	30.96389	-82.9955
31650	3311	1469	2.62E+08	4672457	101.152	1.804	31.39582	-83.0254
31698	2223	0	217408	0	0.084	0	30.84894	-83.2896
31699	621	2	1394617	0	0.538	0	30.97492	-83.2052
31701	20552	9242	70019893	4475126	27.035	1.728	31.5527	-84.1592
31705	35565	13724	3.99E+08	3869141	153.863	1.494	31.51689	-84.0429
31707	25299	12219	48578907	480718	18.756	0.186	31.58692	-84.2064
31709	16019	6765	3.29E+08	5182844	126.985	2.001	32.06483	-84.1233
31711	867	447	1.52E+08	1927098	58.755	0.744	32.1904	-84.1303

31712	1263	549	1.27E+08	758035	49.12	0.293	31.83499	-83.7073
31714	6474	2860	4.86E+08	6512152	187.751	2.514	31.72027	-83.694
31716	2896	1207	2.09E+08	688050	80.887	0.266	31.35677	-84.1295
31719	10977	4137	2.44E+08	2131484	94.103	0.823	32.0903	-84.3107
31720	455	223	12003577	368627	4.635	0.142	30.87817	-83.7245
31721	20095	8309	5.52E+08	9251167	213.139	3.572	31.52526	-84.3015
31722	494	212	1936592	41328	0.748	0.016	31.06745	-83.6228
31730	9682	3919	6.55E+08	1119243	252.835	0.432	31.19488	-84.3109
31733	1580	730	1.48E+08	4503853	57.034	1.739	31.59319	-83.4898
31735	817	758	56340603	11605802	21.753	4.481	31.96956	-83.9733
31738	2102	970	1.61E+08	2385127	62.252	0.921	31.0127	-83.8719
31743	630	267	1.4E+08	6230960	54.182	2.406	31.90973	-84.0011
31744	3202	1464	3.18E+08	3864988	122.651	1.492	31.34135	-83.9016
31747	281	120	2048724	10350	0.791	0.004	31.1767	-83.5871
31749	2783	1170	1.52E+08	4642857	58.844	1.793	31.41359	-83.3272
31750	18687	8382	7.29E+08	12569628	281.565	4.853	31.73647	-83.215
31756	966	422	1.01E+08	2323142	39.031	0.897	31.18302	-83.9658
31757	10451	4417	2.2E+08	3804142	85.114	1.469	30.87125	-83.9032
31763	23304	8405	6.54E+08	9331413	252.622	3.603	31.75008	-84.1391
31764	1296	611	2.04E+08	2654509	78.611	1.025	31.97631	-84.0888
31765	2647	1141	2.19E+08	2349687	84.684	0.907	31.08755	-84.0272
31768	23617	9871	3.91E+08	8898787	151.053	3.436	31.1891	-83.8411
31771	5666	2053	2.78E+08	5993578	107.521	2.314	31.24823	-83.6542
31772	482	219	1.63E+08	3241713	62.969	1.252	31.72415	-83.961
31773	3729	1715	2.19E+08	3208157	84.682	1.239	30.97343	-84.0481
31774	6714	2734	4.34E+08	10056040	167.634	3.883	31.5582	-83.2697
31775	2979	1051	1.18E+08	3525332	45.438	1.361	31.33084	-83.5986
31778	2562	1190	2.75E+08	2663243	106.008	1.028	30.97499	-83.7001
31779	9927	3463	3.66E+08	2843211	141.194	1.098	31.10805	-84.2111
31780	2285	968	2.58E+08	2032264	99.749	0.785	32.03188	-84.3888
31781	1752	742	70601166	461112	27.259	0.178	31.56058	-83.7963
31783	1107	492	2.57E+08	4240666	99.201	1.637	31.75898	-83.4701
31784	781	331	86806690	1143955	33.516	0.442	31.24725	-84.0367
31787	1488	630	2.29E+08	2214076	88.238	0.855	31.89918	-84.2433
31788	10602	4012	3.3E+08	7974436	127.358	3.079	31.11144	-83.6768
31789	1236	538	1.66E+08	987318	64.082	0.381	31.47973	-83.7398
31790	2078	810	1.68E+08	3904436	64.728	1.508	31.65248	-83.578
31791	12354	5109	4.92E+08	1669170	189.872	0.644	31.52862	-83.8941
31792	23835	10947	5.46E+08	7511407	210.832	2.9	30.7708	-84.0437
31793	9043	3321	2.58E+08	10683201	99.52	4.125	31.46251	-83.5935
31794	27153	11539	2.91E+08	10027858	112.443	3.872	31.44588	-83.4527
31795	2010	858	1.28E+08	1111742	49.505	0.429	31.47362	-83.6875
31796	1112	635	1.58E+08	1725244	60.885	0.666	31.77012	-83.8565
31798	983	468	2E+08	4600774	77.378	1.776	31.61338	-83.066
31801	3008	1357	2.24E+08	1287087	86.422	0.497	32.51883	-84.5943
31803	5662	2754	7.32E+08	2769691	282.772	1.069	32.30037	-84.5085
31804	5934	2306	1.36E+08	682408	52.627	0.263	32.66453	-84.8895

31805	3191	1538	1.83E+08	624866	70.821	0.241	32.26305	-84.7395
31806	4962	2192	4.26E+08	2437512	164.433	0.941	32.26344	-84.3227
31807	2483	932	30112448	512384	11.626	0.198	32.63823	-84.8008
31808	6679	2606	1.35E+08	4115853	51.97	1.589	32.63101	-85.0122
31810	225	127	32557996	114377	12.571	0.044	32.56846	-84.5257
31811	5103	2250	3.39E+08	11519829	130.725	4.448	32.73907	-84.9315
31812	565	329	2.17E+08	2248639	83.977	0.868	32.64009	-84.4029
31814	272	113	42983442	100480	16.596	0.039	32.22171	-84.8426
31815	3675	1149	6.45E+08	3833440	248.894	1.48	32.03001	-84.8449
31816	6091	2824	1.03E+08	1003167	39.671	0.387	32.88147	-84.6082
31820	8473	3043	1.04E+08	884312	39.965	0.341	32.5794	-84.8247
31821	250	180	2.35E+08	7566999	90.775	2.922	32.11613	-84.9634
31822	5429	2542	2.97E+08	1970791	114.638	0.761	32.86498	-84.9103
31823	754	341	22097797	155620	8.532	0.06	32.81064	-84.8226
31824	1838	976	2.91E+08	1827148	112.366	0.705	32.0523	-84.5229
31825	2312	1180	3.41E+08	1293520	131.759	0.499	32.1162	-84.6709
31826	2350	1083	1.35E+08	378088	52.282	0.146	32.79296	-84.7033
31827	2134	1034	3.92E+08	2801190	151.222	1.082	32.68672	-84.5218
31829	1370	528	30221177	209388	11.668	0.081	32.56337	-84.7317
31830	2191	1010	1.41E+08	1249366	54.353	0.482	32.89949	-84.7267
31831	3095	1342	1.72E+08	599695	66.588	0.232	32.68557	-84.7068
31832	217	131	64008197	340959	24.714	0.132	31.95798	-84.6149
31833	6900	3013	2.54E+08	4723559	98.07	1.824	32.8429	-85.0918
31836	1154	609	2.14E+08	3099266	82.795	1.197	32.7964	-84.5351
31901	8638	4155	11526212	745837	4.45	0.288	32.46531	-84.9803
31903	20128	9140	25938344	1149959	10.015	0.444	32.41415	-84.9542
31904	32871	14926	74671590	7771643	28.831	3.001	32.55427	-85.0093
31905	16044	4277	99786206	1281746	38.528	0.495	32.3788	-84.9069
31906	21757	10939	17793907	6560	6.87	0.003	32.46781	-84.9502
31907	55332	22774	59510015	274502	22.977	0.106	32.48204	-84.9015
31909	35177	15407	47153991	479096	18.206	0.185	32.54881	-84.9241
32003	27126	10440	40991845	18207350	15.827	7.03	30.09559	-81.7102
32008	5309	3108	3.58E+08	5760145	138.088	2.224	29.91005	-82.9133
32009	3325	1251	2.23E+08	28379	86.031	0.011	30.4225	-81.9738
32011	13854	5436	4.49E+08	17913	173.486	0.007	30.57111	-81.8396
32024	18733	7828	3.7E+08	335517	143.031	0.13	30.08925	-82.7336
32025	22380	8651	2.52E+08	2129331	97.444	0.822	30.1071	-82.5791
32026	1959	0	1684375	0	0.65	0	30.05415	-82.1817
32033	4118	1858	1.99E+08	2532426	77.007	0.978	29.78811	-81.4343
32034	31008	18262	1.47E+08	37805970	56.691	14.597	30.60969	-81.4917
32038	9228	4476	2.78E+08	200199	107.249	0.077	29.93522	-82.6933
32040	7604	2880	3.15E+08	0	121.739	0	30.24352	-82.2389
32043	24632	9751	5.25E+08	35031507	202.747	13.526	29.93673	-81.7325
32044	2060	951	60371340	3362134	23.31	1.298	29.85946	-82.1694
32046	9410	3794	5E+08	2491623	193.039	0.962	30.70154	-81.9164
32052	9223	3120	7.15E+08	10122920	275.999	3.908	30.48613	-82.9361
32053	3869	1767	3.19E+08	1912697	123.173	0.738	30.57556	-83.1261

32054	12307	3924	5.54E+08	15461044	214.064	5.97	30.03362	-82.3943
32055	16570	7353	4.86E+08	2881665	187.567	1.113	30.2701	-82.6241
32058	4416	1541	1.87E+08	15438	72.152	0.006	30.07685	-82.1117
32059	2377	1138	3.06E+08	2302051	118.33	0.889	30.37388	-83.249
32060	21363	9576	1.03E+09	6108373	396.094	2.358	30.27403	-83.041
32061	283	119	56947026	0	21.987	0	30.09755	-82.5103
32062	2449	1151	1.6E+08	3607	61.672	0.001	30.13746	-82.9783
32063	13429	4905	2.65E+08	58595	102.201	0.023	30.24597	-82.1132
32064	6860	2951	19937887	5105	7.698	0.002	30.29563	-82.9841
32065	32770	12339	45170067	3142577	17.44	1.213	30.15224	-81.797
32066	7312	2446	7.17E+08	6843609	276.902	2.642	30.03962	-83.2281
32068	50815	19029	2.62E+08	770258	101.09	0.297	30.08327	-81.8909
32071	3671	1889	2.74E+08	1666556	105.618	0.643	30.05812	-82.9558
32072	324	162	69445283	7298905	26.813	2.818	30.18816	-82.4245
32073	38920	16219	42522834	7873649	16.418	3.04	30.16982	-81.7391
32079	433	249	1358635	0	0.525	0	29.97773	-81.807
32080	20165	15059	40288916	25134839	15.556	9.705	29.819	-81.2698
32081	4524	1704	98953530	3314689	38.206	1.28	30.13112	-81.4076
32082	28996	14983	86123757	37260289	33.253	14.386	30.12523	-81.3696
32083	4690	604	1.04E+08	518407	40.11	0.2	30.11465	-82.2328
32084	29729	14795	1.23E+08	11557837	47.608	4.463	29.91824	-81.3671
32086	24546	11849	1.7E+08	15278737	65.805	5.899	29.75932	-81.302
32087	5518	1651	3.5E+08	2100275	135.05	0.811	30.37743	-82.2805
32091	15472	7015	3.46E+08	19780137	133.419	7.637	29.92968	-82.1276
32092	28242	11055	3.26E+08	12211039	125.942	4.715	29.93616	-81.5073
32094	2724	1267	1.5E+08	943624	57.846	0.364	30.18827	-82.8221
32095	7302	3063	1.29E+08	6909453	49.835	2.668	30.01462	-81.4116
32096	2635	1340	4.21E+08	2167114	162.42	0.837	30.53792	-82.6245
32097	15616	6223	3.44E+08	26252216	132.812	10.136	30.6612	-81.6188
32102	2565	1996	1.63E+08	14396836	62.946	5.559	29.13729	-81.5464
32110	7600	3602	6.83E+08	11383714	263.619	4.395	29.4288	-81.3392
32112	7713	4144	1.37E+08	57538674	52.972	22.216	29.42201	-81.5772
32113	6627	2935	2.04E+08	11400703	78.851	4.402	29.40998	-82.0892
32114	32084	15666	43833609	2151177	16.924	0.831	29.194	-81.0477
32117	24170	12525	29288265	1757624	11.308	0.679	29.23559	-81.064
32118	16961	15473	10970634	11746703	4.236	4.535	29.20964	-81.0023
32119	20189	11626	20272503	3056696	7.827	1.18	29.16052	-81.0265
32124	5986	1337	1.17E+08	769432	45.152	0.297	29.17072	-81.1414
32127	29413	16485	41073595	14502120	15.859	5.599	29.10626	-80.9736
32128	16910	8051	86610157	713128	33.44	0.275	29.10074	-81.0718
32129	20104	10753	19276444	651408	7.443	0.252	29.13697	-81.024
32130	5474	2203	2.39E+08	24827849	92.323	9.586	29.14834	-81.341
32131	4701	2049	87149181	25211797	33.648	9.734	29.68454	-81.5665
32132	7265	3830	19249333	742342	7.432	0.287	28.97874	-80.9227
32133	137	75	914496	0	0.353	0	29.02018	-81.9093
32134	8084	6087	6.22E+08	69186863	240.124	26.713	29.38501	-81.8379
32136	7080	5042	48871111	7131171	18.869	2.753	29.46369	-81.1474

32137	37821	20744	1.53E+08	14259396	59.258	5.506	29.58166	-81.2194
32139	1129	797	30946534	22185978	11.949	8.566	29.37534	-81.6089
32140	1741	865	71169920	3468646	27.479	1.339	29.76309	-81.8706
32141	17603	8533	60921307	2134685	23.522	0.824	28.92895	-80.9191
32145	5456	2260	2.39E+08	1310880	92.4	0.506	29.67756	-81.4213
32147	593	255	44158904	188175	17.05	0.073	29.59876	-81.7879
32148	11201	5579	2.19E+08	11660649	84.528	4.502	29.61014	-81.8843
32157	407	285	4065806	1141163	1.57	0.441	29.46829	-81.5777
32159	28867	18159	82279717	11948919	31.768	4.614	28.93321	-81.8985
32162	45180	31950	59904741	2253972	23.129	0.87	28.91438	-81.9896
32164	41616	18345	86384220	597671	33.353	0.231	29.5199	-81.2378
32168	23642	12673	4.25E+08	5791624	164.08	2.236	28.96377	-81.0294
32169	9816	11497	38218360	35139668	14.756	13.568	28.96546	-80.8665
32174	47552	23973	3.2E+08	14440121	123.42	5.575	29.28478	-81.1613
32176	14339	10386	13608871	9848471	5.254	3.803	29.33158	-81.0625
32177	27132	11743	6.18E+08	49218089	238.578	19.003	29.69091	-81.7081
32179	8156	4715	1.78E+08	38650854	68.769	14.923	29.08749	-81.8914
32180	4218	1580	2.77E+08	20941996	107.084	8.086	29.22063	-81.4438
32181	2551	1395	64878213	5561233	25.05	2.147	29.50806	-81.602
32187	1713	845	61571998	8615947	23.773	3.327	29.57895	-81.55
32189	5807	3607	63227563	8764714	24.412	3.384	29.55087	-81.6471
32190	1170	563	81975663	9918444	31.651	3.83	29.33724	-81.484
32193	825	701	20561398	965818	7.939	0.373	29.50545	-81.6438
32195	3328	1612	54754227	14696333	21.141	5.674	28.98808	-81.8863
32202	7915	2090	5121313	2443808	1.977	0.944	30.32459	-81.6471
32204	6906	4215	7054692	3873642	2.724	1.496	30.31701	-81.6808
32205	28225	14816	19648105	4513698	7.586	1.743	30.29881	-81.7212
32206	17669	9576	15966494	3852867	6.165	1.488	30.35019	-81.6388
32207	33306	16948	29858774	12095064	11.529	4.67	30.29002	-81.641
32208	30879	14186	30101524	4821610	11.622	1.862	30.39309	-81.6829
32209	34305	16980	24176911	80330	9.335	0.031	30.36102	-81.6963
32210	59080	27074	52180502	14233637	20.147	5.496	30.26658	-81.7455
32211	30501	14621	21334397	2270180	8.237	0.877	30.33221	-81.5828
32212	1959	199	13707134	8746080	5.292	3.377	30.21692	-81.6668
32216	34876	16667	32545339	1190689	12.566	0.46	30.27747	-81.5829
32217	18817	9239	13674891	9728133	5.28	3.756	30.23799	-81.6251
32218	53473	21865	2.5E+08	10613365	96.671	4.098	30.48778	-81.6671
32219	11886	4842	1.38E+08	1206107	53.432	0.466	30.42496	-81.813
32220	12946	5085	1.59E+08	1582155	61.352	0.611	30.36792	-81.8699
32221	27918	10491	93051202	478284	35.927	0.185	30.25628	-81.8536
32222	8691	3575	29905112	137744	11.546	0.053	30.21676	-81.8284
32223	23980	10053	29732247	24726402	11.48	9.547	30.15664	-81.6493
32224	38934	16686	54641711	2476074	21.097	0.956	30.27048	-81.4688
32225	52485	21597	68415186	21170509	26.415	8.174	30.35776	-81.5058
32226	15761	6068	2.21E+08	67098049	85.497	25.907	30.48124	-81.5061
32227	2149	540	3268154	2346419	1.262	0.906	30.38919	-81.4044
32228	314	0	335197	0	0.129	0	30.39186	-81.4001

32233	23673	10128	26394319	8196738	10.191	3.165	30.35852	-81.4193
32234	6606	2679	3.35E+08	1292362	129.52	0.499	30.226	-81.9835
32244	57369	24187	61067372	1353556	23.578	0.523	30.21767	-81.7525
32246	48789	20951	49076116	670906	18.948	0.259	30.29376	-81.5171
32250	25356	13640	22306051	6262915	8.612	2.418	30.28051	-81.412
32254	13570	5992	32077889	89064	12.385	0.034	30.34096	-81.7348
32256	38483	20167	1.64E+08	1958189	63.352	0.756	30.17515	-81.4728
32257	36430	16735	31603959	11955590	12.202	4.616	30.18936	-81.6125
32258	26759	10853	48415572	1322934	18.693	0.511	30.1372	-81.549
32259	36917	13182	1.42E+08	9034797	54.688	3.488	30.08023	-81.5844
32266	7037	3493	6039907	1535316	2.332	0.593	30.31739	-81.4091
32277	29517	13109	18560492	9224091	7.166	3.561	30.37754	-81.5939
32301	29321	14433	26768381	172285	10.335	0.067	30.42775	-84.2585
32303	47359	22317	91923888	9932572	35.492	3.835	30.51552	-84.3416
32304	46145	19538	40585058	390702	15.67	0.151	30.45367	-84.3527
32305	20073	8966	2.32E+08	2746514	89.614	1.06	30.3323	-84.2964
32308	21586	10863	38237252	453878	14.763	0.175	30.47745	-84.2269
32309	30159	12864	2.88E+08	8397230	111.069	3.242	30.56683	-84.0976
32310	17402	8743	2.73E+08	12251420	105.501	4.73	30.38544	-84.5122
32311	17493	8311	1.16E+08	6853675	44.622	2.646	30.38221	-84.1742
32312	31869	12763	2.7E+08	45362340	104.28	17.514	30.60528	-84.2296
32317	14067	5326	99064408	3030953	38.249	1.17	30.47069	-84.1168
32320	3858	2021	1.03E+08	49450800	39.906	19.093	29.73171	-85.1113
32321	6460	2403	1.05E+09	16063898	406.656	6.202	30.26544	-84.9797
32322	4007	2196	1.86E+08	99671035	71.853	38.483	29.9573	-84.5766
32323	217	418	20007197	216075	7.725	0.083	29.89151	-84.6137
32324	5445	2026	1.81E+08	1390324	69.953	0.537	30.65471	-84.7833
32327	26953	10158	5.99E+08	48619329	231.205	18.772	30.18226	-84.3053
32328	3149	3110	2.91E+08	3.7E+08	112.26	143.03	29.75183	-84.9091
32330	804	312	8722779	0	3.368	0	30.57993	-84.7505
32331	4242	2079	7.53E+08	34213890	290.777	13.21	30.44106	-83.6384
32332	1642	655	11781246	341378	4.549	0.132	30.62027	-84.677
32333	11330	5257	2.74E+08	3252092	105.848	1.256	30.60761	-84.4175
32334	1904	954	4.28E+08	3218815	165.324	1.243	30.25858	-84.7402
32336	1391	865	4.69E+08	5644157	181.115	2.179	30.26076	-83.848
32340	11808	4859	6.04E+08	13111585	233.35	5.062	30.46033	-83.434
32343	3044	1223	68673003	5894327	26.515	2.276	30.47537	-84.4803
32344	13193	5841	1.33E+09	41597253	515.217	16.061	30.52608	-83.9623
32346	1693	1744	85604631	57087310	33.052	22.042	29.99084	-84.3846
32347	8057	3621	2.74E+08	624649	105.778	0.241	30.17247	-83.6093
32348	12442	4960	8.25E+08	43214941	318.569	16.685	29.9774	-83.5962
32350	1417	713	1.33E+08	2168113	51.186	0.837	30.57496	-83.3258
32351	17486	7327	5.43E+08	20013689	209.465	7.727	30.52039	-84.675
32352	6638	2706	2.5E+08	696022	96.634	0.269	30.66236	-84.5916
32355	312	221	8851059	411646	3.417	0.159	30.17204	-84.2084
32356	129	111	1.01E+08	22840	39.056	0.009	29.85924	-83.415
32358	2145	1593	4.05E+08	8180926	156.509	3.159	30.10567	-84.558

32359	1721	2266	4.05E+08	45770957	156.562	17.672	29.68006	-83.3866
32361	252	133	5938263	0	2.293	0	30.35771	-83.9886
32399	2	1	646288	1624	0.25	0.001	30.4369	-84.2825
32401	22647	11764	27701456	14935937	10.696	5.767	30.15974	-85.6609
32403	2995	935	1.15E+08	78132259	44.22	30.167	30.04856	-85.5532
32404	38425	16640	3.34E+08	48225893	128.822	18.62	30.19631	-85.5061
32405	29980	13925	49186653	11781014	18.991	4.549	30.20199	-85.6674
32407	9347	8118	35920861	10463907	13.869	4.04	30.19832	-85.7907
32408	15352	16263	27351030	39805492	10.56	15.369	30.14219	-85.7327
32409	8691	3820	1.96E+08	19240252	75.636	7.429	30.35676	-85.6537
32410	740	1451	51944282	9072880	20.056	3.503	29.99519	-85.4142
32413	13128	16686	1.89E+08	20528462	73.09	7.926	30.3103	-85.9053
32420	2144	1246	1.36E+08	4731007	52.336	1.827	30.63237	-85.3846
32421	4497	2075	3.55E+08	2200754	137.237	0.85	30.53182	-85.1798
32423	1264	633	1.69E+08	3005299	65.413	1.16	30.94373	-85.0612
32424	7994	2827	4.05E+08	15055306	156.552	5.813	30.36239	-85.0831
32425	14268	5875	6.95E+08	16857500	268.278	6.509	30.85318	-85.7205
32426	942	487	1.26E+08	1512393	48.544	0.584	30.94689	-85.3704
32427	1475	589	1.18E+08	11080367	45.455	4.278	30.7107	-85.7922
32428	17412	7253	7.27E+08	44009245	280.633	16.992	30.61575	-85.5729
32430	1199	618	2.15E+08	0	83.106	0	30.41836	-85.2341
32431	4983	2354	2.75E+08	19144753	106.206	7.392	30.78748	-85.4108
32432	89	41	334786	0	0.129	0	30.71487	-85.0776
32433	16025	7256	6.71E+08	26555881	258.937	10.253	30.85118	-86.2008
32435	6651	3301	3.35E+08	1907617	129.253	0.737	30.65673	-86.1313
32437	679	346	91121796	5235221	35.182	2.021	30.43625	-85.9092
32438	4060	1997	1.63E+08	964947	62.839	0.373	30.50129	-85.4241
32439	7715	4219	2.66E+08	12851251	102.52	4.962	30.46834	-86.1121
32440	7563	2506	2.7E+08	2480777	104.425	0.958	30.92243	-85.5262
32442	3699	1777	2.43E+08	16664059	93.651	6.434	30.67855	-85.0172
32443	2921	1479	1.53E+08	277826	59.023	0.107	30.87252	-85.1094
32444	18985	8359	24332276	12520022	9.395	4.834	30.23995	-85.6516
32445	2644	625	67446105	1147070	26.041	0.443	30.96864	-85.1977
32446	11075	4561	4.22E+08	6015900	162.869	2.323	30.84819	-85.2314
32447	78	0	1005587	0	0.388	0	30.75995	-85.2516
32448	8684	4354	4.79E+08	9748555	184.81	3.764	30.67031	-85.2274
32449	478	249	1.29E+08	65416	49.999	0.025	30.28686	-85.2403
32455	4736	2362	6.01E+08	22014807	232.016	8.5	30.63863	-85.9627
32456	6966	5761	2.13E+08	1.14E+08	82.144	44.079	29.83827	-85.2982
32459	11457	11678	1.42E+08	40145065	54.718	15.5	30.36067	-86.1855
32460	5856	1950	1.92E+08	38326308	74.127	14.798	30.76409	-84.9542
32461	13	57	1524426	0	0.589	0	30.28969	-86.0277
32462	3412	1906	3.97E+08	17387020	153.375	6.713	30.5542	-85.8334
32463	114	53	217986	0	0.084	0	30.63141	-85.5903
32464	3994	2037	4.41E+08	13126006	170.367	5.068	30.90288	-85.9526
32465	9232	3745	6.12E+08	28402596	236.416	10.966	30.00787	-85.1819
32466	5641	2453	2.94E+08	8116204	113.494	3.134	30.39434	-85.5123

32501	11730	5349	9852974	98737	3.804	0.038	30.42878	-87.2225
32502	3298	2021	5965295	135565	2.303	0.052	30.40937	-87.2235
32503	32011	14207	31858588	1584979	12.301	0.612	30.45967	-87.2136
32504	21441	10757	27709282	122198	10.699	0.047	30.47248	-87.1867
32505	28213	12725	35100796	829103	13.552	0.32	30.45462	-87.2607
32506	33846	15514	84033711	22273130	32.446	8.6	30.39163	-87.3694
32507	28996	16971	65280007	46258149	25.205	17.86	30.33984	-87.3738
32508	5852	368	21023825	2389395	8.117	0.923	30.35077	-87.3166
32509	660	0	3309348	512	1.278	0	30.46773	-87.3343
32511	1145	0	629101	0	0.243	0	30.40606	-87.2917
32514	37399	17761	50537722	1326168	19.513	0.512	30.53127	-87.2216
32526	36297	15190	1.51E+08	12778182	58.162	4.934	30.49923	-87.3656
32530	38	24	127323	0	0.049	0	30.59824	-87.0304
32531	5296	2393	5.63E+08	6043690	217.415	2.333	30.87417	-86.7003
32533	26493	10598	1.94E+08	3663127	74.857	1.414	30.61051	-87.3268
32534	14029	6376	25144383	218998	9.708	0.085	30.52894	-87.2817
32535	6326	2079	1.86E+08	5335770	71.655	2.06	30.96342	-87.3456
32536	19709	8585	1.21E+08	2087953	46.579	0.806	30.76378	-86.5916
32539	25079	9837	3.15E+08	4508879	121.635	1.741	30.77614	-86.4645
32541	15565	15748	30076036	16266821	11.612	6.281	30.39277	-86.4695
32542	3457	1192	42208104	4378052	16.297	1.69	30.46455	-86.5252
32544	1818	375	24603982	895597	9.5	0.346	30.42697	-86.6963
32547	32485	15486	90492568	3098214	34.939	1.196	30.47387	-86.6684
32548	19343	12276	33659091	23780087	12.996	9.182	30.403	-86.6505
32550	5867	12239	17307188	1845482	6.682	0.713	30.38509	-86.3462
32561	7899	6218	30525785	69759458	11.786	26.934	30.34706	-87.1132
32563	22406	10114	43046775	774787	16.62	0.299	30.39688	-87.0288
32564	2881	1338	2.36E+08	1936431	91.188	0.748	30.72885	-86.7819
32565	5719	2456	5.97E+08	7043866	230.688	2.72	30.8926	-87.1317
32566	33671	15325	1.04E+08	7271363	40.249	2.807	30.43601	-86.8803
32567	3510	1748	3.61E+08	6363711	139.373	2.457	30.92468	-86.4458
32568	3122	1334	4.04E+08	2498567	155.95	0.965	30.87318	-87.45
32569	11235	5238	10477995	7060949	4.046	2.726	30.40986	-86.7332
32570	28817	12615	8.27E+08	5852128	319.387	2.26	30.80555	-86.9745
32571	28881	11574	2.69E+08	2800414	104.012	1.081	30.67768	-87.1994
32577	4625	1908	1.72E+08	2442511	66.385	0.943	30.72747	-87.365
32578	30108	13293	62342318	10859392	24.071	4.193	30.5067	-86.4475
32579	9997	4714	11277258	6185796	4.354	2.388	30.44947	-86.5745
32580	3662	1849	32350917	2050994	12.491	0.792	30.49007	-86.5148
32583	25586	9765	3.74E+08	28764146	144.451	11.106	30.59243	-86.9707
32601	18585	9381	11726458	51599	4.528	0.02	29.64899	-82.3245
32603	6741	2316	3545203	20591	1.369	0.008	29.65671	-82.3475
32605	22925	10543	25919038	121890	10.007	0.047	29.67918	-82.3728
32606	21833	10571	44273265	253128	17.094	0.098	29.682	-82.4441
32607	29750	14552	30624481	224085	11.824	0.087	29.64733	-82.4189
32608	45842	22975	1.01E+08	6296103	38.996	2.431	29.59701	-82.4078
32609	18756	8186	2.91E+08	6376578	112.295	2.462	29.76899	-82.2825

32612	5458	13	2117657	310044	0.818	0.12	29.64312	-82.3538
32615	14295	6302	3.59E+08	3857148	138.688	1.489	29.81909	-82.4861
32616	872	355	1661310	0	0.641	0	29.78849	-82.4953
32617	4109	1796	76539050	6287776	29.552	2.428	29.30839	-82.0744
32618	7732	3463	2.35E+08	6363304	90.891	2.457	29.54587	-82.5165
32619	4730	2301	3.06E+08	4008672	118.212	1.548	29.76258	-82.8601
32621	5584	2281	1.9E+08	5379245	73.365	2.077	29.4247	-82.6101
32622	1294	597	1.58E+08	301694	60.869	0.116	29.90805	-82.3188
32625	1838	1172	2.19E+08	96204225	84.739	37.145	29.20826	-82.997
32626	8133	4186	5.29E+08	7832402	204.129	3.024	29.42503	-82.8984
32628	4850	1644	2.68E+08	894186	103.534	0.345	29.62543	-83.207
32631	291	169	4819525	440016	1.861	0.17	29.70485	-82.0921
32639	397	265	1.47E+08	1070998	56.87	0.414	29.227	-82.7126
32640	10510	5689	5.41E+08	1.34E+08	208.893	51.707	29.57734	-82.087
32641	14291	5460	1.27E+08	30156976	49.147	11.644	29.64252	-82.2317
32643	10936	4844	3.03E+08	1609027	117.104	0.621	29.82467	-82.6512
32648	437	684	1.56E+08	33629803	60.097	12.985	29.50378	-83.2705
32653	12844	5933	1.01E+08	2086558	39.066	0.806	29.74479	-82.3938
32656	14014	6489	1.46E+08	15950622	56.308	6.159	29.81368	-81.9595
32658	308	123	7782079	75155	3.005	0.029	29.84677	-82.3971
32664	510	318	3672245	846	1.418	0	29.44593	-82.2174
32666	5916	3206	1.41E+08	13632513	54.577	5.264	29.72364	-81.9975
32667	3794	1906	2.41E+08	46692709	93.082	18.028	29.51197	-82.3053
32668	5082	2482	3.15E+08	1523401	121.496	0.588	29.25734	-82.4748
32669	11623	4982	2.68E+08	11043104	103.527	4.264	29.63215	-82.59
32680	10223	5739	6.47E+08	40776659	249.88	15.744	29.54256	-83.1323
32681	136	73	953630	0	0.368	0	29.42339	-82.2056
32683	151	89	21242665	10726	8.202	0.004	29.29564	-82.7864
32686	5003	2389	1.91E+08	774721	73.919	0.299	29.35555	-82.275
32692	295	672	13370820	978116	5.163	0.378	29.33329	-83.1224
32693	12154	4876	5.32E+08	15613794	205.456	6.029	29.62648	-82.7853
32694	2142	1075	69303389	3531567	26.758	1.364	29.80793	-82.1443
32696	12071	5433	3.8E+08	4260197	146.873	1.645	29.39751	-82.4618
32697	253	139	1179726	55048	0.455	0.021	29.93259	-82.4296
32701	21577	11260	14544844	1331661	5.616	0.514	28.66555	-81.3703
32702	2705	1498	1.46E+08	15407489	56.445	5.949	29.03904	-81.625
32703	46207	18090	1.31E+08	16039383	50.764	6.193	28.67144	-81.5531
32707	35335	16154	25104540	2518419	9.693	0.972	28.66396	-81.315
32708	42012	17696	47748611	2976676	18.436	1.149	28.68689	-81.2733
32709	2566	1053	3.02E+08	6969235	116.729	2.691	28.50089	-80.9593
32712	41769	15942	1.54E+08	5035565	59.641	1.944	28.75169	-81.4875
32713	19491	9098	53532041	7753951	20.669	2.994	28.88373	-81.3253
32714	34862	16852	22114189	1173644	8.538	0.453	28.66256	-81.4118
32720	29700	13416	1.63E+08	9823180	62.781	3.793	29.00343	-81.3686
32724	31826	14827	2.46E+08	5855762	94.81	2.261	29.05725	-81.2256
32725	44905	18924	59335709	24475313	22.91	9.45	28.88608	-81.2516
32726	20029	9628	31640070	4336442	12.216	1.674	28.85505	-81.6788

32730	5354	2728	3072754	318544	1.186	0.123	28.65416	-81.3437
32732	5589	2271	1.45E+08	17812604	56.089	6.877	28.75037	-81.1023
32735	3903	1955	9815800	3185978	3.79	1.23	28.89042	-81.739
32736	9736	4019	2.73E+08	23668651	105.387	9.139	28.91649	-81.4901
32738	43830	16592	66976215	8358124	25.86	3.227	28.90527	-81.1852
32744	3588	1738	34762109	1032514	13.422	0.399	28.98502	-81.2198
32746	40571	17700	57156536	3881511	22.068	1.499	28.76659	-81.3549
32750	22713	9273	26671926	1447085	10.298	0.559	28.70795	-81.348
32751	19928	9697	18200283	3264371	7.027	1.26	28.6304	-81.365
32754	11313	5245	3.58E+08	50313668	138.411	19.426	28.68666	-80.9196
32757	23746	12132	94193229	16839509	36.368	6.502	28.77305	-81.6381
32759	2871	1669	1.06E+08	3959446	40.908	1.529	28.82579	-80.9027
32763	21263	10438	43504946	304857	16.797	0.118	28.94132	-81.2968
32764	3120	1527	2.35E+08	14977538	90.703	5.783	28.84806	-81.0849
32765	56349	21579	1.01E+08	10151512	39.11	3.92	28.66514	-81.1962
32766	15698	5146	1.13E+08	7277699	43.787	2.81	28.64358	-81.0749
32767	2622	1332	1.64E+08	12645436	63.235	4.882	29.02659	-81.5345
32771	49481	21098	93693480	3996857	36.175	1.543	28.81356	-81.325
32773	28787	12028	71828149	19767333	27.733	7.632	28.75543	-81.2479
32776	10262	4102	1.12E+08	3769719	43.187	1.455	28.82013	-81.5088
32778	18617	10090	64978322	43349423	25.088	16.737	28.78088	-81.7349
32779	27556	11332	48738376	2042251	18.818	0.789	28.72726	-81.4148
32780	34628	18779	1.65E+08	33664322	63.797	12.998	28.53278	-80.7923
32784	11432	5210	2.35E+08	35730777	90.687	13.796	28.97454	-81.7164
32789	24557	11972	20183681	4729097	7.793	1.826	28.59919	-81.3523
32792	46914	23554	31832888	1762502	12.291	0.681	28.6101	-81.2983
32796	20139	9800	37855969	10266457	14.616	3.964	28.62529	-80.8459
32798	2550	1534	8039424	432483	3.104	0.167	28.72371	-81.5877
32801	12050	8492	5911002	378049	2.282	0.146	28.54177	-81.3744
32803	19020	10684	17970616	2431351	6.938	0.939	28.55551	-81.3462
32804	17312	9145	19033630	3064513	7.349	1.183	28.57868	-81.3964
32805	21810	9765	17274574	2926179	6.67	1.13	28.53	-81.4037
32806	24820	12091	17250447	2132946	6.66	0.824	28.51179	-81.3604
32807	31465	13151	20960393	569889	8.093	0.22	28.55458	-81.2997
32808	46334	19542	31022709	1782886	11.978	0.688	28.58011	-81.4443
32809	26773	10467	26878245	4926567	10.378	1.902	28.46215	-81.386
32810	32210	13770	23939373	1614057	9.243	0.623	28.6251	-81.4277
32811	35825	16692	21501586	886494	8.302	0.342	28.52157	-81.4474
32812	32844	14972	22258057	3855728	8.594	1.489	28.484	-81.3229
32814	6151	3090	3420307	1087903	1.321	0.42	28.57258	-81.3224
32817	35105	13404	29067928	2064608	11.223	0.797	28.59099	-81.2436
32818	43911	16401	29868935	2146423	11.532	0.829	28.58675	-81.4869
32819	24976	13788	53337933	6455439	20.594	2.492	28.45344	-81.4724
32820	7974	2908	39080441	4125393	15.089	1.593	28.5836	-81.1244
32821	21423	11851	29055072	1899259	11.218	0.733	28.382	-81.4796
32822	53029	24862	34432212	1753653	13.294	0.677	28.4899	-81.2902
32824	37401	13011	80472242	477872	31.071	0.185	28.38416	-81.333

32825	53024	20548	74609998	276473	28.807	0.107	28.51803	-81.229
32826	29347	8613	24937156	751567	9.628	0.29	28.58836	-81.1846
32827	6362	2775	60629084	4074051	23.409	1.573	28.41589	-81.2988
32828	57881	22113	55345203	31641	21.369	0.012	28.52921	-81.1664
32829	17822	6911	25394798	1747003	9.805	0.675	28.48455	-81.2461
32830	26	9	52632814	2048559	20.322	0.791	28.38306	-81.5736
32831	2542	94	26076047	0	10.068	0	28.47308	-81.1482
32832	13787	5451	1.46E+08	15661694	56.521	6.047	28.40318	-81.1915
32833	9241	3610	90337683	250927	34.88	0.097	28.49507	-81.0798
32835	39633	18507	24329373	3846125	9.394	1.485	28.5186	-81.4825
32836	16647	8261	40466816	11738183	15.624	4.532	28.40784	-81.5193
32837	51219	19570	58109747	108158	22.436	0.042	28.37943	-81.4291
32839	50279	21211	19304588	3094237	7.454	1.195	28.48807	-81.4072
32901	24521	13196	32565205	5727843	12.573	2.212	28.07936	-80.6236
32903	12869	7018	9571916	14846388	3.696	5.732	28.10454	-80.5934
32904	26710	12970	50308763	131287	19.424	0.051	28.0665	-80.6784
32905	22084	12204	24598461	7736676	9.498	2.987	28.03137	-80.6004
32907	41870	17229	45915392	241884	17.728	0.093	28.0208	-80.6813
32908	10892	4230	49951650	0	19.286	0	27.95635	-80.6989
32909	30120	12334	1.14E+08	297551	43.861	0.115	27.91926	-80.6442
32920	9848	8242	10494843	14645138	4.052	5.655	28.39652	-80.6161
32922	14916	7570	14242841	5242207	5.499	2.024	28.373	-80.7429
32925	1222	462	8047495	22632536	3.107	8.738	28.2461	-80.629
32926	22752	9527	1.31E+08	15342161	50.733	5.924	28.38871	-80.8181
32927	28092	11083	56821840	8328540	21.939	3.216	28.45751	-80.8129
32931	13567	10797	13460968	39461499	5.197	15.236	28.3232	-80.6231
32934	17338	7548	62712934	6116768	24.214	2.362	28.13531	-80.7131
32935	39082	20034	33331268	11909635	12.869	4.598	28.14555	-80.65
32937	24969	13533	17386893	9650479	6.713	3.726	28.17877	-80.6018
32940	31999	15076	3.37E+08	27722966	130.301	10.704	28.21328	-80.7957
32948	6773	2104	6.84E+08	4944903	264.165	1.909	27.88881	-80.7336
32949	2248	1110	42093677	7257708	16.252	2.802	27.90984	-80.5677
32950	3982	1751	46207526	7156993	17.841	2.763	27.98057	-80.5696
32951	10673	6827	21043685	55549525	8.125	21.448	27.94734	-80.5047
32952	19881	9614	32043169	68901944	12.372	26.603	28.31093	-80.6606
32953	22754	10905	83539748	39061424	32.255	15.082	28.44169	-80.7027
32955	36374	16391	57345270	9332449	22.141	3.603	28.2967	-80.725
32958	25366	13260	72106790	12012290	27.841	4.638	27.79438	-80.4915
32960	20037	11439	29432009	1359728	11.364	0.525	27.64153	-80.4026
32962	22716	12309	31743150	6280144	12.256	2.425	27.58782	-80.3829
32963	14911	11456	44976733	60701308	17.366	23.437	27.71824	-80.3933
32966	15626	10379	7.54E+08	27729055	291.06	10.706	27.68362	-80.7076
32967	19518	9971	1.08E+08	3696038	41.716	1.427	27.71545	-80.4543
32968	12830	5330	68083053	111619	26.287	0.043	27.58421	-80.4725
32970	303	186	2793812	7200	1.079	0.003	27.7504	-80.4493
32976	9079	6575	66489446	6700059	25.672	2.587	27.84624	-80.5542
33001	315	651	5057172	25412643	1.953	9.812	24.81713	-80.806

33004	15588	8772	14763304	1557425	5.7	0.601	26.05779	-80.1376
33009	39341	29120	13168818	1536639	5.085	0.593	25.98519	-80.1473
33010	46187	15876	11178683	147230	4.316	0.057	25.8332	-80.2787
33012	72248	24734	15185010	633832	5.863	0.245	25.86611	-80.3011
33013	33852	10005	9874425	43611	3.813	0.017	25.86219	-80.2697
33014	40654	14923	15879078	2804469	6.131	1.083	25.90345	-80.3024
33015	63544	22552	15086374	1624711	5.825	0.627	25.94057	-80.3182
33016	45342	14854	11338569	1615776	4.378	0.624	25.89501	-80.3325
33018	46117	13486	50488502	7222094	19.494	2.788	25.91773	-80.3844
33019	15107	12755	10202962	6931810	3.939	2.676	26.02746	-80.1202
33020	41329	22493	15674148	214882	6.052	0.083	26.01919	-80.1529
33021	45921	22367	22561732	263815	8.711	0.102	26.02313	-80.1865
33023	63576	21409	24958795	542829	9.637	0.21	25.9892	-80.2171
33024	63916	24022	27799373	715781	10.733	0.276	26.02726	-80.2447
33025	59039	24069	28016143	810783	10.817	0.313	25.98821	-80.2814
33026	28498	11963	11734441	1311816	4.531	0.506	26.0262	-80.296
33027	57663	23211	34764963	1407682	13.423	0.544	25.98544	-80.3435
33028	26696	8616	14891648	474199	5.75	0.183	26.02124	-80.3404
33029	45235	13995	46172499	4852313	17.827	1.873	25.9743	-80.4161
33030	34110	11260	47538683	198421	18.355	0.077	25.48515	-80.5109
33031	5859	2175	55353145	145236	21.372	0.056	25.52465	-80.5013
33032	34088	11068	48702619	2301001	18.804	0.888	25.53133	-80.3907
33033	49028	16779	43465255	1257707	16.782	0.486	25.48319	-80.4145
33034	18613	6308	7.24E+08	63620105	279.418	24.564	25.27435	-80.6325
33035	13497	6177	53791044	857686	20.769	0.331	25.40928	-80.3842
33036	3035	3618	15176071	1.26E+08	5.86	48.715	24.89384	-80.711
33037	11612	10113	87599034	2.26E+08	33.822	87.385	25.22832	-80.3955
33039	122	46	785623	80430	0.303	0.031	25.50168	-80.3984
33040	32891	18081	47890836	3.29E+08	18.491	127.084	24.56135	-81.9097
33042	5829	4668	66082822	2.32E+08	25.515	89.555	24.67122	-81.5051
33043	4313	3052	38421946	1.74E+08	14.835	67.152	24.72586	-81.3299
33050	8922	7057	23533878	99527088	9.086	38.428	24.74749	-81.0103
33051	796	1430	1131033	550149	0.437	0.212	24.72063	-81.0215
33054	29061	9968	22731775	849026	8.777	0.328	25.90858	-80.2651
33055	43194	12486	15548789	825971	6.003	0.319	25.94847	-80.2789
33056	35059	11107	15706627	692079	6.064	0.267	25.94888	-80.2436
33060	32154	14646	18217447	0	7.034	0	26.23477	-80.1206
33062	23948	21836	9803301	6077178	3.785	2.346	26.24108	-80.0912
33063	51019	25109	23034542	616226	8.894	0.238	26.25157	-80.2095
33064	52969	23931	27098248	783060	10.463	0.302	26.2785	-80.1153
33065	51921	19745	21566781	275994	8.327	0.107	26.27377	-80.2601
33066	15760	10613	8240040	76805	3.181	0.03	26.25262	-80.1704
33067	26458	9670	27514955	746210	10.624	0.288	26.30582	-80.2254
33068	49824	17834	15433376	86282	5.959	0.033	26.21595	-80.218
33069	25700	14851	24300518	739768	9.382	0.286	26.23583	-80.157
33070	5344	4070	11301691	34945276	4.364	13.492	25.01721	-80.5185
33071	36964	13948	19942118	182272	7.7	0.07	26.2446	-80.2653

33073	29168	11454	22026032	299262	8.504	0.116	26.29824	-80.1814
33076	29751	10374	32019554	562410	12.363	0.217	26.31532	-80.278
33101	0	0	17695	0	0.007	0	25.7793	-80.1987
33109	594	754	805729	2095170	0.311	0.809	25.75672	-80.1401
33122	1	1	15358629	229349	5.93	0.089	25.79485	-80.2884
33125	52677	20271	10003115	431689	3.862	0.167	25.78375	-80.2378
33126	46867	18904	12970290	1693143	5.008	0.654	25.7794	-80.2995
33127	28909	10708	8560281	8927	3.305	0.003	25.81318	-80.2058
33128	7562	3360	1028612	49487	0.397	0.019	25.77617	-80.2037
33129	13833	8176	3501237	4463993	1.352	1.724	25.75017	-80.19
33130	26108	14259	2856756	68306	1.103	0.026	25.76852	-80.2034
33131	14917	13481	1048261	2224802	0.405	0.859	25.76621	-80.1829
33132	11165	7504	4365112	4064277	1.685	1.569	25.77837	-80.1758
33133	31926	16189	10817743	3652423	4.177	1.41	25.72866	-80.24
33134	37456	17629	13491391	32901	5.209	0.013	25.75333	-80.2704
33135	36066	14933	5584972	0	2.156	0	25.76654	-80.2351
33136	13791	6257	3693308	84096	1.426	0.032	25.78718	-80.2047
33137	19410	10825	5244021	8629968	2.025	3.332	25.81628	-80.1715
33138	27571	13360	10921680	5773827	4.217	2.229	25.85377	-80.178
33139	38613	32255	6967545	8592030	2.69	3.317	25.77981	-80.1532
33140	21210	17643	7874950	10830784	3.041	4.182	25.81971	-80.1337
33141	35249	22062	5997658	13350948	2.316	5.155	25.85185	-80.1387
33142	52606	19529	18323080	237710	7.075	0.092	25.81202	-80.2393
33143	31407	14526	20447765	642447	7.895	0.248	25.70303	-80.2974
33144	26903	9355	8015183	124827	3.095	0.048	25.76346	-80.3127
33145	29758	12263	6575725	0	2.539	0	25.75313	-80.2344
33146	14995	4528	8056011	307934	3.11	0.119	25.72085	-80.2726
33147	46933	15744	18772215	435778	7.248	0.168	25.85123	-80.2382
33149	12389	7076	12115137	24380503	4.678	9.413	25.71951	-80.1685
33150	27811	10108	9060982	136176	3.498	0.053	25.85219	-80.2072
33154	13971	9902	4615476	3928251	1.782	1.517	25.88334	-80.1318
33155	43788	15776	19113764	1444821	7.38	0.558	25.73689	-80.3108
33156	31315	12564	35149290	2364881	13.571	0.913	25.6682	-80.297
33157	63226	22274	38383443	665044	14.82	0.257	25.60613	-80.3435
33158	6694	2361	7232208	675181	2.792	0.261	25.63884	-80.3113
33160	40053	31573	11005207	8248879	4.249	3.185	25.934	-80.1358
33161	53710	18896	14161688	146971	5.468	0.057	25.89366	-80.1815
33162	43539	14906	13454511	269212	5.195	0.104	25.928	-80.1772
33165	56149	17865	19731737	652688	7.618	0.252	25.73435	-80.3583
33166	23038	8574	24285898	3821594	9.377	1.476	25.82786	-80.3162
33167	18846	6292	10734929	504346	4.145	0.195	25.88424	-80.2369
33168	25792	7139	9532401	7290	3.68	0.003	25.89305	-80.2092
33169	39353	13795	17856639	679642	6.894	0.262	25.94312	-80.2147
33170	12253	3993	34119943	75725	13.174	0.029	25.55791	-80.4579
33172	37664	14723	16952738	1711233	6.545	0.661	25.78691	-80.3613
33173	33141	12637	13085180	419750	5.052	0.162	25.70232	-80.3575
33174	32524	10550	7983869	343596	3.083	0.133	25.76152	-80.3647

33175	53206	16685	19941299	824167	7.699	0.318	25.73473	-80.4068
33176	50170	19918	31768284	943186	12.266	0.364	25.65987	-80.3584
33177	53191	15368	32437142	770487	12.524	0.297	25.59613	-80.4042
33178	39489	15134	1.44E+08	20827601	55.595	8.042	25.83461	-80.4229
33179	41332	18152	13037873	1812562	5.034	0.7	25.95762	-80.18
33180	30840	20316	8824992	1411834	3.407	0.545	25.96039	-80.1431
33181	18413	9694	8331442	4535438	3.217	1.751	25.89806	-80.1525
33182	16929	3953	39933326	6090300	15.418	2.351	25.78076	-80.4415
33183	35949	12540	14932485	874658	5.765	0.338	25.70313	-80.4044
33184	21075	6686	6336450	388412	2.447	0.15	25.75971	-80.4065
33185	27189	7977	11887138	548036	4.59	0.212	25.72751	-80.4516
33186	67137	24489	32730302	2344062	12.637	0.905	25.65435	-80.4123
33187	16315	4971	1.02E+08	398757	39.566	0.154	25.5959	-80.5069
33189	23828	8840	14356829	587054	5.543	0.227	25.57221	-80.3354
33190	11593	4364	4618384	332076	1.783	0.128	25.55932	-80.3505
33193	46044	15020	21082145	2792901	8.14	1.078	25.70077	-80.4651
33194	7742	1801	2.3E+08	6645729	88.74	2.566	25.71394	-80.5836
33196	43620	14197	63441328	841336	24.495	0.325	25.65101	-80.4863
33301	14586	9658	6496541	270292	2.508	0.104	26.12132	-80.1279
33304	17724	12509	8246801	960355	3.184	0.371	26.14045	-80.1212
33305	11927	7982	5701039	1089561	2.201	0.421	26.15336	-80.1194
33306	3397	2237	2191178	27392	0.846	0.011	26.16544	-80.1139
33308	28217	22935	11781113	2786745	4.549	1.076	26.18851	-80.105
33309	33705	14687	24705587	2186290	9.539	0.844	26.18595	-80.1724
33311	63786	25377	26797759	442896	10.347	0.171	26.14421	-80.1728
33312	49343	21078	29591401	379725	11.425	0.147	26.08849	-80.1817
33313	56039	24675	16848335	62988	6.505	0.024	26.15142	-80.2262
33314	21885	9143	21523377	1102215	8.31	0.426	26.0676	-80.2226
33315	12153	6775	13558147	0	5.235	0	26.08703	-80.153
33316	10044	7701	13105021	3694223	5.06	1.426	26.09727	-80.1218
33317	35372	13395	24775735	501411	9.566	0.194	26.1126	-80.2279
33319	44420	23870	18026857	279480	6.96	0.108	26.18138	-80.2258
33321	44327	23649	21367500	967654	8.25	0.374	26.21358	-80.2703
33322	37858	20262	14792897	0	5.712	0	26.1502	-80.2745
33323	18929	7417	17088108	0	6.598	0	26.15202	-80.3165
33324	42847	21695	23850204	353889	9.209	0.137	26.11249	-80.2749
33325	27570	10464	24787758	162543	9.571	0.063	26.11187	-80.3183
33326	31257	13519	25001095	1345367	9.653	0.519	26.11434	-80.3707
33327	22658	7028	29175825	978937	11.265	0.378	26.11108	-80.4228
33328	27415	10431	24345839	209774	9.4	0.081	26.06753	-80.2751
33330	14107	4672	26582662	84112	10.264	0.032	26.06099	-80.3191
33331	23204	7762	32266063	985264	12.458	0.38	26.05953	-80.3686
33332	11199	3386	79648014	351309	30.752	0.136	26.00674	-80.4602
33334	28749	14154	12401547	77108	4.788	0.03	26.18257	-80.1336
33351	32890	12971	14917811	517700	5.76	0.2	26.17937	-80.2746
33401	24879	16241	14239540	3361253	5.498	1.298	26.71584	-80.0702
33403	12042	5614	8711693	519042	3.364	0.2	26.80375	-80.0764

33404	27489	16189	19917909	5719563	7.69	2.208	26.78102	-80.0637
33405	19155	8606	11652539	1269604	4.499	0.49	26.66965	-80.0585
33406	26312	9522	23037501	271629	8.895	0.105	26.66409	-80.0924
33407	29659	13546	26080472	2470024	10.07	0.954	26.75767	-80.0911
33408	16921	11890	18866002	8972550	7.284	3.464	26.84042	-80.0521
33409	29140	13501	16693916	35894	6.446	0.014	26.72036	-80.0994
33410	32570	17112	29529563	412713	11.401	0.159	26.84836	-80.0876
33411	65245	27877	1.1E+08	1132002	42.654	0.437	26.72001	-80.1931
33412	14414	6167	1.21E+08	159741	46.747	0.062	26.79473	-80.2077
33413	15162	5817	18951875	883411	7.317	0.341	26.66386	-80.1538
33414	53718	21465	72700786	708089	28.07	0.273	26.64866	-80.2471
33415	44963	19317	19160283	48324	7.398	0.019	26.66021	-80.1266
33417	29156	18638	17391814	267727	6.715	0.103	26.7192	-80.1245
33418	36017	19727	1.21E+08	680968	46.532	0.263	26.87272	-80.1657
33426	20082	11166	15890440	142145	6.135	0.055	26.53374	-80.0832
33428	38548	15941	23377675	106994	9.026	0.041	26.35295	-80.2081
33430	21427	7328	2.95E+08	693195	113.739	0.268	26.64197	-80.554
33431	18290	8375	23034449	2005750	8.894	0.774	26.37619	-80.1073
33432	18715	12849	12416488	2594350	4.794	1.002	26.3439	-80.0827
33433	41722	22881	24575092	0	9.488	0	26.34716	-80.1592
33434	19260	13364	17221900	491530	6.649	0.19	26.38271	-80.1671
33435	32104	18178	17040494	3230265	6.579	1.247	26.52579	-80.0614
33436	41896	22427	30333769	243905	11.712	0.094	26.52295	-80.1073
33437	35938	20762	28072783	99340	10.839	0.038	26.51138	-80.1482
33438	459	211	54656515	787149	21.103	0.304	26.93274	-80.5926
33440	19743	7583	1.7E+09	9296483	657.798	3.589	26.56455	-81.0379
33441	26838	14313	12539432	921954	4.842	0.356	26.3111	-80.0979
33442	28075	19840	17390299	2490864	6.714	0.962	26.30979	-80.1457
33444	20221	9318	13017034	413205	5.026	0.16	26.4589	-80.0796
33445	29754	16684	20778683	338155	8.023	0.131	26.45529	-80.1064
33446	22088	15750	55213985	0	21.318	0	26.45044	-80.1862
33449	10817	4191	48217206	0	18.617	0	26.59007	-80.2326
33455	19980	11737	1.27E+08	18504330	49.056	7.145	27.05314	-80.1612
33458	49396	21507	56059160	3024563	21.645	1.168	26.93656	-80.1319
33460	30790	14061	12139477	1923239	4.687	0.743	26.61966	-80.0567
33461	40748	17875	18764819	445809	7.245	0.172	26.62041	-80.0907
33462	30879	15403	22711270	6486347	8.769	2.504	26.58	-80.0723
33463	53766	20467	27825270	190433	10.743	0.074	26.59286	-80.1289
33467	48808	23263	47675530	19829	18.408	0.008	26.59649	-80.1757
33469	14449	8584	29636683	6988380	11.443	2.698	26.98922	-80.1085
33470	26551	9209	2.03E+08	348191	78.374	0.134	26.72678	-80.32
33471	6818	3442	6.85E+08	16539264	264.447	6.386	26.88595	-81.2038
33472	19100	8988	33452006	0	12.916	0	26.53841	-80.1856
33473	6265	2118	18286207	0	7.06	0	26.50376	-80.1916
33476	7669	2852	68022835	33757	26.264	0.013	26.80215	-80.6247
33477	13074	11473	17500680	4123343	6.757	1.592	26.92023	-80.0766
33478	12704	4811	1.38E+08	4100821	53.189	1.583	26.93502	-80.2461

33480	9549	10641	11390899	18545316	4.398	7.16	26.68654	-80.0426
33483	12093	9204	10172298	4802965	3.928	1.854	26.46264	-80.0617
33484	23443	18209	15938909	0	6.154	0	26.45422	-80.1344
33486	21720	9615	14145949	64532	5.462	0.025	26.3475	-80.1126
33487	16421	11037	16951765	2165058	6.545	0.836	26.40996	-80.0885
33493	4926	1097	1.61E+08	262664	62.114	0.101	26.53882	-80.7287
33496	20969	11213	24076415	414565	9.296	0.16	26.40672	-80.1606
33498	14557	5673	18954230	0	7.318	0	26.38607	-80.2196
33503	108	35	1673643	1477	0.646	0.001	27.76383	-82.2762
33510	27610	11221	19232229	1249842	7.426	0.483	27.95564	-82.2967
33511	52003	22336	41143907	2263513	15.886	0.874	27.90978	-82.2957
33513	12086	5578	2.33E+08	5471492	90.024	2.113	28.71434	-82.1948
33514	1811	736	1.29E+08	13886130	49.779	5.361	28.68631	-81.9947
33521	599	285	5132736	0	1.982	0	28.79827	-82.0686
33523	18313	7812	3.07E+08	9694855	118.354	3.743	28.4164	-82.2121
33525	18439	8393	3.02E+08	7841751	116.472	3.028	28.34156	-82.1984
33527	15203	5185	80466350	1568059	31.068	0.605	27.9736	-82.2127
33534	12839	5021	32021700	7405786	12.364	2.859	27.82319	-82.3789
33538	4789	2863	2.42E+08	38926451	93.305	15.03	28.84976	-82.1851
33540	8752	4826	90751526	189163	35.039	0.073	28.25734	-82.1332
33541	19759	12695	63773612	302413	24.623	0.117	28.23688	-82.2281
33542	20824	13125	27031553	110799	10.437	0.043	28.23578	-82.1776
33543	21898	9251	53215991	30832	20.547	0.012	28.21123	-82.2974
33544	22800	8769	89067363	241232	34.389	0.093	28.25404	-82.3662
33545	13996	5192	76290075	1929572	29.456	0.745	28.27266	-82.2967
33547	19813	6773	3.71E+08	20762675	143.096	8.017	27.79108	-82.1355
33548	5807	2335	20225460	3050199	7.809	1.178	28.14719	-82.4838
33549	16132	6962	30420933	3133397	11.746	1.21	28.13794	-82.4463
33556	22015	8642	94850342	11209878	36.622	4.328	28.13481	-82.5915
33558	20064	8624	45010975	4210070	17.379	1.626	28.16552	-82.5114
33559	15427	6865	32735317	788870	12.639	0.305	28.161	-82.4146
33563	25488	10224	38255052	1163359	14.77	0.449	28.01722	-82.125
33565	17975	7143	2.27E+08	4014563	87.537	1.55	28.08591	-82.1481
33566	19522	7278	59431310	2633516	22.947	1.017	27.97797	-82.0957
33567	11505	3869	1.09E+08	7000164	42.123	2.703	27.92061	-82.1168
33569	23074	9100	37623601	1586100	14.527	0.612	27.84635	-82.2885
33570	20758	9195	1.02E+08	21574658	39.4	8.33	27.69076	-82.4612
33572	14117	6742	40777733	7541019	15.744	2.912	27.76111	-82.4086
33573	19172	13836	45694155	2241795	17.643	0.866	27.72276	-82.3572
33576	3784	2046	41022742	345755	15.839	0.133	28.33615	-82.3286
33578	36693	16284	55818110	6392673	21.551	2.468	27.8622	-82.35
33579	25723	8901	55263537	1391361	21.337	0.537	27.79623	-82.2937
33584	25392	9785	55407634	2102935	21.393	0.812	28.00723	-82.2884
33585	1058	536	44358773	933464	17.127	0.36	28.73296	-82.0893
33592	10091	4634	1.27E+08	5238725	49.021	2.023	28.10187	-82.2832
33594	32677	12810	26901761	1120504	10.387	0.433	27.94093	-82.2425
33596	29283	10521	30255632	948580	11.682	0.366	27.88722	-82.2259

33597	8026	3769	3.4E+08	18381320	131.438	7.097	28.54553	-82.0805
33598	13665	4350	2.8E+08	3022934	108.22	1.167	27.69342	-82.2847
33602	11515	7994	6602451	934950	2.549	0.361	27.95353	-82.4571
33603	19100	8992	10711562	250888	4.136	0.097	27.98562	-82.4644
33604	35485	16528	19279504	1122578	7.444	0.433	28.01715	-82.4554
33605	17073	7995	20278661	3599136	7.83	1.39	27.95112	-82.4297
33606	17746	8460	8501033	2227222	3.282	0.86	27.91745	-82.4523
33607	23541	11159	23390221	1450207	9.031	0.56	27.96201	-82.4922
33609	15999	8774	11328513	1523740	4.374	0.588	27.94427	-82.5177
33610	39222	16295	46243604	2219657	17.855	0.857	27.99821	-82.378
33611	29478	16077	16523935	2070290	6.38	0.799	27.89135	-82.5057
33612	44601	21080	26462529	1229056	10.217	0.475	28.05083	-82.4496
33613	31990	17193	19040086	2393020	7.351	0.924	28.08397	-82.4508
33614	46449	20488	25321699	1017636	9.777	0.393	28.00472	-82.5061
33615	43453	19155	22332651	2549535	8.623	0.984	28.0051	-82.5803
33616	13560	6552	9844232	2113032	3.801	0.816	27.86514	-82.5354
33617	41443	19966	22267698	907829	8.598	0.351	28.03749	-82.3916
33618	25570	12311	22435895	2742161	8.663	1.059	28.07481	-82.4984
33619	34581	12548	68869874	7847793	26.591	3.03	27.93537	-82.3787
33620	5158	132	2296954	14345	0.887	0.006	28.062	-82.4132
33621	1643	438	21574285	3836277	8.33	1.481	27.84166	-82.4933
33624	37457	16210	23241719	1390900	8.974	0.537	28.08026	-82.5282
33625	24645	9676	23694618	1083371	9.149	0.418	28.06688	-82.5612
33626	27557	11297	35317253	2708425	13.636	1.046	28.06705	-82.6203
33629	23638	11353	12468168	1071916	4.814	0.414	27.92154	-82.509
33634	20225	7889	21286196	1437117	8.219	0.555	28.00982	-82.5478
33635	15741	7208	14724227	1271706	5.685	0.491	28.02732	-82.6194
33637	15351	7273	20111193	1177573	7.765	0.455	28.04533	-82.3611
33647	55034	22854	87776213	3900537	33.891	1.506	28.12696	-82.3541
33701	15014	11071	6908770	3457289	2.667	1.335	27.77079	-82.6328
33702	29664	15633	25750992	7195047	9.943	2.778	27.84661	-82.6287
33703	23680	11945	13526855	4493481	5.223	1.735	27.81706	-82.6198
33704	16098	8537	8878566	2815636	3.428	1.087	27.79816	-82.6301
33705	26435	13605	15674376	6176849	6.052	2.385	27.73449	-82.6434
33706	15901	13515	9466528	14821630	3.655	5.723	27.74017	-82.7511
33707	24599	15810	13640941	5692088	5.267	2.198	27.75556	-82.7255
33708	15447	12793	8834919	12056318	3.411	4.655	27.81756	-82.8011
33709	26023	14296	13294587	1236414	5.133	0.477	27.81684	-82.7316
33710	32780	15644	20556531	3146598	7.937	1.215	27.79067	-82.7307
33711	19162	8995	12348595	2587300	4.768	0.999	27.73874	-82.6882
33712	25066	11732	15167346	1798030	5.856	0.694	27.73438	-82.6679
33713	29812	14834	16973901	313566	6.554	0.121	27.78919	-82.6775
33714	18531	9798	9589008	138436	3.702	0.053	27.81525	-82.6777
33715	7407	6646	9453337	23658814	3.65	9.135	27.66268	-82.7224
33716	15424	9840	18839096	3431516	7.274	1.325	27.87506	-82.6486
33744	148	1	1494401	18685	0.577	0.007	27.80636	-82.7738
33755	26146	11821	13906331	1773205	5.369	0.685	27.97991	-82.7805

33756	31275	15921	18740077	4554965	7.236	1.759	27.94539	-82.7939
33759	17820	9155	14006906	10137946	5.408	3.914	27.97528	-82.7015
33760	15133	7549	13246579	583909	5.115	0.225	27.90757	-82.7142
33761	18167	10475	13770231	332646	5.317	0.128	28.03306	-82.7244
33762	8499	3151	18919599	4086844	7.305	1.578	27.89919	-82.6795
33763	17887	11212	8991793	613814	3.472	0.237	28.00289	-82.7434
33764	24045	14288	17247428	2240235	6.659	0.865	27.93447	-82.74
33765	13275	6714	10644801	177084	4.11	0.068	27.97486	-82.7452
33767	8007	8450	5141176	14605289	1.985	5.639	27.97557	-82.8253
33770	25281	14697	13425573	1405914	5.184	0.543	27.91517	-82.8041
33771	29839	18113	15231284	719354	5.881	0.278	27.90682	-82.7588
33772	22981	12485	13449376	2272639	5.193	0.877	27.84421	-82.7969
33773	16826	8532	12923742	1505726	4.99	0.581	27.88229	-82.7559
33774	17712	10148	11914630	983875	4.6	0.38	27.88382	-82.8279
33776	12402	5591	8942454	1320453	3.453	0.51	27.85026	-82.8258
33777	17140	7997	14892745	2341011	5.75	0.904	27.85353	-82.7593
33778	14263	7445	9668584	440430	3.733	0.17	27.88813	-82.7986
33781	25922	11672	17242783	444899	6.657	0.172	27.83836	-82.715
33782	20850	10187	13942814	935102	5.383	0.361	27.85963	-82.7081
33785	5533	6101	3056612	5272620	1.18	2.036	27.89245	-82.8498
33786	1669	1160	1392879	4390719	0.538	1.695	27.9271	-82.8333
33801	33741	15131	49458166	5092863	19.096	1.966	28.03591	-81.8997
33803	27094	14416	40352718	3438476	15.58	1.328	28.00936	-81.9327
33805	23153	10166	69552545	8606500	26.854	3.323	28.1007	-81.9083
33809	28929	12810	2.29E+08	3894288	88.328	1.504	28.22275	-81.9692
33810	44254	18967	1.45E+08	2406975	56.054	0.929	28.1318	-82.0303
33811	20980	8715	72022587	670149	27.808	0.259	27.98475	-82.0147
33812	13166	5032	25326239	1656950	9.779	0.64	27.97127	-81.893
33813	31698	12812	39896298	3116988	15.404	1.203	27.96513	-81.9395
33815	14267	7643	19222946	1203878	7.422	0.465	28.04126	-81.9976
33823	28874	12427	80584457	19183547	31.114	7.407	28.08576	-81.8137
33825	24942	12093	3.27E+08	28533032	126.106	11.017	27.62025	-81.4588
33827	3036	1356	78481634	12870768	30.302	4.969	27.81589	-81.5086
33830	27542	10883	3.29E+08	51714493	127.143	19.967	27.87302	-81.8115
33834	7448	2217	4.66E+08	23506354	180.084	9.076	27.62068	-82.0014
33837	20234	10886	1.33E+08	7801883	51.258	3.012	28.192	-81.5892
33838	3515	1619	15163082	1762623	5.854	0.681	28.01944	-81.614
33839	2756	1126	7412583	1580064	2.862	0.61	27.97676	-81.7505
33841	8722	3611	4.12E+08	37514861	159.074	14.485	27.74115	-81.7546
33843	11093	5202	2.65E+08	37354688	102.21	14.423	27.72318	-81.5318
33844	33804	16590	2.59E+08	27248259	99.812	10.521	28.08881	-81.59
33847	227	89	2809196	7738	1.085	0.003	27.80275	-81.822
33848	851	426	34153835	147805	13.187	0.057	28.28416	-81.5051
33849	856	317	57956799	527638	22.377	0.204	28.22607	-82.0689
33850	7519	3692	47640965	10895583	18.394	4.207	28.12238	-81.7326
33851	907	404	4914379	630101	1.897	0.243	28.04464	-81.6239
33852	21790	12566	8.64E+08	79399816	333.555	30.656	27.23934	-81.374

33853	11161	5115	21132819	2673784	8.159	1.032	27.90071	-81.5845
33854	194	500	365048	77740	0.141	0.03	27.85644	-81.4101
33855	43	29	1711183	0	0.661	0	27.79537	-81.3528
33856	487	497	284438	56071	0.11	0.022	27.85635	-81.4284
33857	1728	1291	4.78E+08	72767229	184.391	28.096	27.3362	-81.1894
33859	10582	5356	1.17E+08	13306328	45.308	5.138	27.8727	-81.6264
33860	22886	8827	3.03E+08	61680934	116.815	23.815	27.76727	-82.0282
33865	786	337	4.48E+08	397887	173.154	0.154	27.43379	-81.9633
33867	106	393	11327400	388078	4.374	0.15	27.77786	-81.1958
33868	11720	4307	4.31E+08	11634820	166.565	4.492	28.25138	-81.8278
33870	20601	11499	1.43E+08	18230883	55.36	7.039	27.5065	-81.4079
33872	14158	8530	50217247	708458	19.389	0.274	27.50525	-81.546
33873	14742	5288	3.09E+08	36550	119.299	0.014	27.57097	-81.7812
33875	11108	5739	1.94E+08	9808302	75.059	3.787	27.39232	-81.5106
33876	4968	2936	88650261	21840272	34.228	8.433	27.41113	-81.3499
33877	276	145	5932090	2105691	2.29	0.813	27.98978	-81.6132
33880	37798	15618	1.1E+08	32617127	42.628	12.594	27.97906	-81.7799
33881	29345	15130	56599839	17645896	21.853	6.813	28.05645	-81.7116
33884	28763	14095	51900000	14517557	20.039	5.605	27.97848	-81.6724
33890	5060	1985	6.25E+08	64508	241.495	0.025	27.43298	-81.7
33896	6633	4815	29207964	1387631	11.277	0.536	28.25691	-81.5829
33897	14117	11399	91509627	1772733	35.332	0.684	28.28487	-81.6889
33898	15355	9181	7.89E+08	47428047	304.802	18.312	27.84125	-81.3734
33901	19500	11020	16603870	7453624	6.411	2.878	26.62107	-81.8781
33903	20776	14659	32509045	6991136	12.552	2.699	26.67997	-81.9066
33904	30613	19192	25192117	18164179	9.727	7.013	26.57601	-81.9444
33905	31203	14386	1.09E+08	8376101	42.021	3.234	26.66787	-81.7609
33907	22138	13113	18222123	1046941	7.036	0.404	26.56363	-81.8713
33908	38251	29577	83658818	32356484	32.301	12.493	26.51583	-81.9795
33909	23119	10662	46519708	2613850	17.961	1.009	26.6932	-81.9451
33912	15392	10109	55143201	2329202	21.291	0.899	26.53402	-81.8262
33913	17103	9733	2.66E+08	13638712	102.809	5.266	26.51424	-81.6968
33914	35848	19008	57545184	33496842	22.218	12.933	26.55439	-82.0209
33916	20134	10575	26532668	3824043	10.244	1.476	26.63707	-81.8382
33917	28666	17576	1.43E+08	13245204	55.286	5.114	26.73861	-81.8448
33919	27837	18725	23326476	6912725	9.006	2.669	26.55663	-81.9011
33920	4947	2383	1.59E+08	4483586	61.558	1.731	26.7423	-81.6361
33921	1720	1886	7138056	26109712	2.756	10.081	26.77223	-82.2528
33922	4055	2823	42034368	65775913	16.23	25.396	26.63816	-82.1625
33924	761	1854	18624473	74006545	7.191	28.574	26.61756	-82.2093
33928	20830	15675	1.87E+08	12846707	72.166	4.96	26.39887	-81.7047
33930	1075	359	3.03E+08	2617733	116.844	1.011	26.56982	-81.4076
33931	10005	14187	28259445	27526353	10.911	10.628	26.43312	-81.903
33935	20383	8050	8.83E+08	5107079	340.865	1.972	26.76033	-81.4329
33936	18994	10489	51174130	606007	19.758	0.234	26.62341	-81.6015
33944	298	191	1.41E+08	337435	54.491	0.13	26.99444	-81.291
33945	57	140	339192	5710	0.131	0.002	26.60224	-82.2205

33946	2125	2737	23613134	16266073	9.117	6.28	26.84752	-82.2814
33947	8180	5576	37507601	2334648	14.482	0.901	26.87909	-82.2716
33948	15958	8887	33585146	3772739	12.967	1.457	26.98589	-82.1524
33950	20699	14664	58075439	20683856	22.423	7.986	26.90299	-82.0462
33952	28382	16056	28556491	6385116	11.026	2.465	26.98613	-82.097
33953	5522	3753	41917341	9404502	16.184	3.631	26.9997	-82.2123
33954	9290	4293	22077335	1105889	8.524	0.427	27.02472	-82.1224
33955	10060	6289	1.4E+08	5203493	54.035	2.009	26.81614	-81.994
33956	3776	3260	42313445	86970814	16.337	33.58	26.54632	-82.1437
33957	6469	7817	41889208	49340000	16.174	19.05	26.46392	-82.093
33960	854	502	5.58E+08	2082234	215.341	0.804	27.0441	-81.4028
33965	1648	0	3901185	52482	1.506	0.02	26.46337	-81.773
33966	8251	5229	22697525	571768	8.764	0.221	26.59164	-81.8307
33967	22799	9923	19647974	991993	7.586	0.383	26.47151	-81.8122
33971	19730	7986	43601531	461704	16.835	0.178	26.63958	-81.6997
33972	10880	4877	64822264	1196621	25.028	0.462	26.64928	-81.6163
33973	10798	4586	10304727	1334	3.979	0.001	26.6026	-81.7279
33974	11982	5374	58816340	1338229	22.709	0.517	26.56271	-81.6019
33976	12534	4992	23987714	37741	9.262	0.015	26.59128	-81.6861
33980	10322	7343	23806276	11049171	9.192	4.266	26.97926	-82.0473
33981	9534	5710	62859149	12405889	24.27	4.79	26.91821	-82.2196
33982	9176	5177	1.13E+09	30180722	437.799	11.653	26.91053	-81.7672
33983	13954	7699	27555116	2790398	10.639	1.077	27.00912	-82.0179
33990	28173	13571	24293068	5428771	9.38	2.096	26.62799	-81.9448
33991	18010	8210	36640287	10167056	14.147	3.926	26.62505	-82.0241
33993	20628	9585	1.58E+08	37263875	61.144	14.388	26.6929	-82.0341
34101	10	40	9594094	15220281	3.704	5.877	26.03214	-81.7618
34102	10460	9011	14643960	6139587	5.654	2.371	26.1375	-81.7991
34103	12150	10165	8908479	2362162	3.44	0.912	26.19391	-81.8065
34104	23691	14867	25862835	1645110	9.986	0.635	26.14996	-81.7416
34105	13933	9693	25714092	1817622	9.928	0.702	26.19006	-81.7649
34108	16874	14295	20096775	4016093	7.759	1.551	26.24631	-81.8083
34109	23338	13923	32466806	2035908	12.536	0.786	26.24084	-81.7638
34110	20762	15272	40397600	2798433	15.598	1.08	26.30038	-81.7885
34112	27002	18691	41652842	2759090	16.082	1.065	26.11931	-81.7415
34113	17971	10683	72608520	16237588	28.034	6.269	26.04365	-81.7324
34114	13653	11630	5.23E+08	1.37E+08	201.977	52.963	25.94385	-81.5382
34116	30005	10818	24765016	846169	9.562	0.327	26.18929	-81.7108
34117	14250	5242	1.84E+08	3987941	71.05	1.54	26.18091	-81.6053
34119	25756	14614	59113797	2254175	22.824	0.87	26.26791	-81.7141
34120	26147	10989	3.91E+08	10296205	151.113	3.975	26.3261	-81.5701
34134	14112	13562	29870789	11721140	11.533	4.526	26.35303	-81.8241
34135	37315	24362	94660774	3441685	36.549	1.329	26.35633	-81.7545
34137	227	106	25503046	246058	9.847	0.095	25.94274	-81.3832
34138	359	255	1724909	12290207	0.666	4.745	25.81651	-81.3686
34139	561	625	8911169	18273771	3.441	7.056	25.83088	-81.4034
34140	273	382	3446848	1239527	1.331	0.479	25.92519	-81.6629

34141	232	134	2.9E+09	12664120	1119.038	4.89	25.94691	-81.0961
34142	27304	7496	1.52E+09	40311357	586.438	15.564	26.34253	-81.3137
34145	16407	17113	42143921	63555416	16.272	24.539	25.90409	-81.6759
34201	3682	2271	8851637	285618	3.418	0.11	27.40169	-82.4685
34202	19816	9161	61531255	349282	23.757	0.135	27.40627	-82.3887
34203	34862	17342	40880058	1660552	15.784	0.641	27.43809	-82.5076
34205	29656	16102	16797153	2445892	6.485	0.944	27.48408	-82.5818
34207	29728	18305	16020341	1925785	6.185	0.744	27.43868	-82.5797
34208	33121	13903	41881603	9160757	16.171	3.537	27.48749	-82.5159
34209	31816	17475	32616404	21128031	12.593	8.158	27.50013	-82.6514
34210	15916	11186	23784990	26248536	9.183	10.135	27.43954	-82.6201
34211	2775	1298	94352953	154878	36.43	0.06	27.43692	-82.3894
34212	15146	6763	52936458	6869953	20.439	2.653	27.49923	-82.4085
34215	768	682	1141987	2100250	0.441	0.811	27.47114	-82.6859
34216	1503	1559	1989201	5538430	0.768	2.138	27.53677	-82.7327
34217	5007	6032	5675888	12619079	2.191	4.872	27.49209	-82.705
34219	17135	7302	3.67E+08	4881790	141.676	1.885	27.57638	-82.299
34221	39457	19260	1.42E+08	67349055	54.942	26.004	27.58109	-82.5548
34222	11952	6855	13598176	2965163	5.25	1.145	27.53578	-82.5066
34223	16875	13014	73932816	25426300	28.546	9.817	26.98267	-82.3542
34224	15394	10577	33553075	5107798	12.955	1.972	26.9176	-82.3039
34228	6888	8814	10697022	22170420	4.13	8.56	27.40225	-82.6388
34229	7192	4167	15536934	5614492	5.999	2.168	27.19312	-82.4855
34231	30268	18187	24426338	4835254	9.431	1.867	27.26603	-82.5167
34232	30969	15035	28416520	996245	10.972	0.385	27.32485	-82.4719
34233	16653	8727	15915125	631476	6.145	0.244	27.28003	-82.4766
34234	19788	9939	17209932	7078809	6.645	2.733	27.37086	-82.5428
34235	13640	8225	16958866	2180414	6.548	0.842	27.36974	-82.4765
34236	12394	9709	9115688	12061632	3.52	4.657	27.31649	-82.5535
34237	16304	8120	10135328	167204	3.913	0.065	27.33899	-82.5126
34238	17500	11579	34263144	2503579	13.229	0.967	27.23579	-82.4705
34239	15038	8317	11544018	1523888	4.457	0.588	27.31089	-82.5212
34240	11501	5549	1.77E+08	8999955	68.226	3.475	27.36466	-82.3185
34241	13590	6275	1.78E+08	7169498	68.704	2.768	27.25067	-82.3776
34242	8865	10854	9323137	11941976	3.6	4.611	27.26022	-82.5409
34243	26115	14104	45204922	6151222	17.454	2.375	27.40101	-82.5279
34251	6351	2249	7.6E+08	5929146	293.608	2.289	27.37785	-82.1716
34266	31055	11782	1.68E+09	8640066	648.6	3.336	27.19107	-81.8238
34268	220	74	356041	0	0.137	0	27.14925	-81.8953
34269	3615	2746	1.4E+08	2255886	53.996	0.871	27.06764	-82.0132
34275	16245	10655	68800867	10904794	26.564	4.21	27.15179	-82.4224
34285	17599	14882	21303187	4376982	8.225	1.69	27.09349	-82.4397
34286	17970	7611	38733295	1090138	14.955	0.421	27.08087	-82.1813
34287	23859	14717	40436526	2447712	15.613	0.945	27.04962	-82.2454
34288	10856	5083	50022726	1834907	19.314	0.708	27.05407	-82.1099
34289	2199	1244	8640873	1586931	3.336	0.613	27.07986	-82.1326
34291	7125	3054	34179767	699551	13.197	0.27	27.09406	-82.2402

34292	13516	8912	76696427	3592702	29.613	1.387	27.10194	-82.3415
34293	33001	19733	1.19E+08	6872445	45.768	2.653	27.03008	-82.3347
34420	16287	7770	64968733	4496642	25.085	1.736	29.05372	-82.0389
34428	9109	5155	1.76E+08	38449420	67.961	14.845	28.95677	-82.6476
34429	8563	5439	1.05E+08	91897013	40.416	35.482	28.85061	-82.6673
34431	7815	4153	2.83E+08	11120104	109.3	4.293	29.13472	-82.5314
34432	12273	6581	2.8E+08	3038803	108.163	1.173	29.06706	-82.3843
34433	6647	3341	86572060	2111784	33.426	0.815	29.00222	-82.5249
34434	8191	3921	63610474	904335	24.56	0.349	28.99593	-82.4396
34436	7938	4609	1.46E+08	17056999	56.503	6.586	28.72058	-82.298
34442	14568	8519	1.13E+08	20765709	43.791	8.018	28.93185	-82.3838
34445	44	23	148714	0	0.057	0	28.96799	-82.4207
34446	16326	9114	80871000	0	31.224	0	28.74728	-82.5222
34448	10797	6529	1.89E+08	66519453	72.874	25.683	28.76811	-82.6252
34449	2809	1917	2.66E+08	13074688	102.612	5.048	29.07472	-82.6795
34450	10293	6243	66490366	25222082	25.672	9.738	28.8304	-82.2677
34452	11919	5785	89523635	37653	34.565	0.015	28.81631	-82.3437
34453	10112	5392	53066892	16322081	20.489	6.302	28.87435	-82.3357
34461	10562	5133	1.25E+08	24818	48.137	0.01	28.86614	-82.4945
34465	15870	8625	64771079	0	25.008	0	28.92949	-82.4892
34470	17838	9219	30124144	0	11.631	0	29.19891	-82.0874
34471	25152	11929	51135838	49416	19.744	0.019	29.16056	-82.1308
34472	25968	11690	95054852	8235082	36.701	3.18	29.1142	-81.998
34473	17029	7632	99247132	531598	38.32	0.205	29.0057	-82.184
34474	16062	7930	51231640	0	19.781	0	29.15646	-82.2095
34475	12177	4988	75911428	165918	29.31	0.064	29.25891	-82.167
34476	20862	10430	96487207	0	37.254	0	29.08161	-82.1968
34479	13032	5695	45066773	2820	17.4	0.001	29.25572	-82.1091
34480	19068	8040	87476088	120556	33.775	0.047	29.1024	-82.0966
34481	17536	10618	1.72E+08	50144	66.244	0.019	29.1328	-82.3096
34482	22500	8952	2.36E+08	341671	90.968	0.132	29.2444	-82.275
34484	3069	1354	84937244	496753	32.794	0.192	28.94524	-82.0974
34488	10291	5910	2.47E+08	24826168	95.507	9.585	29.22809	-81.9386
34491	27454	14487	1.12E+08	5190956	43.146	2.004	28.99563	-82.0551
34498	513	472	19477993	18896513	7.52	7.296	29.03155	-82.7361
34601	22336	11460	3.15E+08	8393884	121.74	3.241	28.58864	-82.3511
34602	7346	3288	1.72E+08	6387379	66.52	2.466	28.50248	-82.2824
34604	10003	4135	91998045	780556	35.521	0.301	28.47694	-82.4348
34606	26208	13677	30218336	3841030	11.667	1.483	28.46848	-82.5957
34607	8133	5032	66437151	19371017	25.652	7.479	28.50052	-82.6253
34608	31099	14446	39615528	2239721	15.296	0.865	28.48283	-82.5529
34609	37129	16255	57438520	266636	22.177	0.103	28.47948	-82.5079
34610	12907	5406	1.74E+08	6410633	67.363	2.475	28.36925	-82.5114
34613	17814	10188	1.38E+08	10994225	53.299	4.245	28.57062	-82.5722
34614	6692	2974	1.96E+08	21271790	75.551	8.213	28.64631	-82.5397
34637	6297	2414	35630544	1600762	13.757	0.618	28.30202	-82.4557
34638	20048	7585	1.24E+08	3174084	47.922	1.226	28.25686	-82.5127

34639	24092	9236	69578032	4320784	26.864	1.668	28.26543	-82.4232
34652	24147	14580	22144182	6527602	8.55	2.52	28.23747	-82.7378
34653	30756	16932	27959954	192595	10.795	0.074	28.24406	-82.6884
34654	21716	10147	69666839	2297340	26.899	0.887	28.28088	-82.6291
34655	38464	17800	1.21E+08	762740	46.709	0.294	28.20888	-82.6173
34661	297	218	6939513	454216	2.679	0.175	28.60475	-82.2453
34667	32144	19291	83491409	11111144	32.236	4.29	28.39124	-82.6613
34668	42619	22670	40195899	6767655	15.52	2.613	28.30079	-82.7085
34669	12648	5844	50420141	1085742	19.467	0.419	28.35702	-82.6104
34677	20842	9867	25691961	10449984	9.92	4.035	28.03752	-82.6736
34679	99	74	341842	4877	0.132	0.002	28.4322	-82.6612
34681	1294	656	1460170	347039	0.564	0.134	28.08281	-82.776
34683	31268	15387	27412862	3582451	10.584	1.383	28.08771	-82.7611
34684	25847	14360	16929935	2958769	6.537	1.142	28.08074	-82.7268
34685	17286	7959	33717900	4829406	13.019	1.865	28.09334	-82.6891
34688	7274	3430	40141090	1350668	15.499	0.521	28.14713	-82.679
34689	26132	13845	27548898	12876153	10.637	4.972	28.14831	-82.7599
34690	13137	6835	9717288	377079	3.752	0.146	28.19375	-82.7257
34691	21079	11481	21315991	29672022	8.23	11.456	28.19802	-82.8161
34695	17496	8413	13745258	8590888	5.307	3.317	28.0082	-82.6884
34698	37240	22158	26456079	13287233	10.215	5.13	28.03755	-82.7863
34705	2500	1069	45974943	5581491	17.751	2.155	28.69976	-81.7187
34711	51847	21806	1.08E+08	54959747	41.837	21.22	28.5305	-81.7533
34714	14685	8465	2.8E+08	30539245	107.95	11.791	28.40389	-81.7789
34715	15455	5799	85967444	26112773	33.192	10.082	28.63052	-81.7237
34731	10815	5354	40875192	21482820	15.782	8.295	28.86411	-81.8986
34734	3835	1400	5760088	337276	2.224	0.13	28.537	-81.5155
34736	13961	5614	3.22E+08	78946058	124.476	30.481	28.55528	-81.9019
34737	2523	1253	50606516	15890352	19.539	6.135	28.69254	-81.7972
34739	793	500	9.05E+08	2.38E+08	349.341	91.815	27.9305	-81.1171
34741	40828	18561	38645753	3403328	14.921	1.314	28.30639	-81.4255
34743	33632	12033	17980889	134306	6.942	0.052	28.32931	-81.3552
34744	44142	16948	85965215	11347106	33.191	4.381	28.29185	-81.3382
34746	35022	19693	1.11E+08	32356266	42.81	12.493	28.23889	-81.4453
34747	13692	20571	1.15E+08	997515	44.296	0.385	28.31149	-81.5955
34748	38246	21511	1.05E+08	23510152	40.694	9.077	28.76685	-81.8822
34753	5353	1822	14137287	4020637	5.458	1.552	28.57652	-81.8851
34756	3006	1308	23759765	2940921	9.174	1.135	28.58632	-81.6826
34758	30879	11360	85329641	32181	32.946	0.012	28.1942	-81.486
34759	30170	13256	1.9E+08	11119437	73.434	4.293	28.1039	-81.4194
34760	875	343	1343756	0	0.519	0	28.55475	-81.6322
34761	37500	13779	41030897	3029906	15.842	1.17	28.57858	-81.5341
34762	622	313	19273045	5653841	7.441	2.183	28.75619	-81.9142
34769	21399	9757	23522931	29419	9.082	0.011	28.24463	-81.2908
34771	14280	5813	2.16E+08	24943957	83.298	9.631	28.28449	-81.1737
34772	22770	8498	2.51E+08	59273259	96.727	22.886	28.16393	-81.2696
34773	2983	1268	9.73E+08	37051967	375.716	14.306	28.15981	-81.0076

34785	17406	5913	1.94E+08	11917703	74.861	4.601	28.83729	-82.0406
34786	28092	10953	51577699	19398345	19.914	7.49	28.48717	-81.5519
34787	46083	18348	1.79E+08	27589722	68.951	10.652	28.48497	-81.6193
34788	17519	9817	85732307	46523891	33.101	17.963	28.89562	-81.8082
34797	1293	665	12160119	1023556	4.695	0.395	28.72952	-81.8257
34945	5514	1812	6.33E+08	394838	244.489	0.152	27.43727	-80.5572
34946	6025	2966	37867530	7241821	14.621	2.796	27.50329	-80.3605
34947	12186	4834	24860278	80691	9.599	0.031	27.45488	-80.3752
34949	7103	7685	24391048	44650117	9.417	17.24	27.46726	-80.2998
34950	15436	7111	13273419	4541379	5.125	1.753	27.44379	-80.331
34951	14115	7876	64193378	706149	24.785	0.273	27.53213	-80.419
34952	38285	20971	60220140	4425373	23.251	1.709	27.296	-80.3001
34953	61494	23419	61639647	322552	23.799	0.125	27.24913	-80.3828
34956	9874	2501	5.39E+08	8809001	208.156	3.401	27.09454	-80.4982
34957	22257	18207	42561361	48815241	16.433	18.848	27.28029	-80.2389
34972	20180	6947	2.36E+09	31905055	909.618	12.319	27.50499	-80.9304
34974	23661	14189	1.04E+09	54499739	401.57	21.042	27.14597	-80.9497
34981	4239	1818	26745480	4665	10.326	0.002	27.39397	-80.3709
34982	24544	11561	43549996	13873752	16.815	5.357	27.37326	-80.308
34983	38480	15795	38793880	617508	14.978	0.238	27.32395	-80.3525
34984	13764	5719	25342863	589419	9.785	0.228	27.24912	-80.3308
34986	23297	12936	50418483	173748	19.467	0.067	27.32366	-80.4024
34987	6118	3075	2.65E+08	63711	102.312	0.025	27.30183	-80.4853
34990	27707	13155	2.4E+08	13803997	92.553	5.33	27.13713	-80.3469
34994	15967	9447	17388181	7608292	6.714	2.938	27.20095	-80.2572
34996	10649	8391	17138113	32665473	6.617	12.612	27.19282	-80.1898
34997	40405	20471	2.54E+08	15528741	98.206	5.996	27.05564	-80.2702
35004	10427	4523	46802132	369141	18.07	0.143	33.60342	-86.4938
35005	7942	3485	89378408	894190	34.509	0.345	33.59595	-87.0006
35006	3121	1495	2.59E+08	7821258	99.809	3.02	33.42277	-87.2097
35007	26225	9799	96812090	1736243	37.379	0.67	33.2155	-86.7976
35010	20816	10307	5.64E+08	66304723	217.595	25.6	32.91651	-85.9406
35013	124	38	74951	1452	0.029	0.001	33.90217	-86.5178
35014	4546	1878	2.47E+08	7840321	95.49	3.027	33.35564	-86.2622
35016	16778	7554	1.93E+08	1516749	74.347	0.586	34.32387	-86.502
35019	2117	947	77491530	558150	29.92	0.216	34.30208	-86.6341
35020	27139	12323	49218856	20040	19.004	0.008	33.40243	-86.9518
35022	18888	8017	1.7E+08	1296794	65.479	0.501	33.32285	-86.9715
35023	25436	10369	2.34E+08	4166666	90.426	1.609	33.4679	-87.0883
35031	7933	3497	3.35E+08	2220791	129.409	0.857	34.09779	-86.5549
35032	66	27	414688	0	0.16	0	33.26486	-86.3364
35033	3403	1640	1.96E+08	8715661	75.812	3.365	33.92648	-87.0318
35034	5541	1502	2.78E+08	1744218	107.365	0.673	32.91112	-87.2717
35035	1581	657	1.84E+08	1613257	71.08	0.623	33.04379	-86.9735
35036	297	145	2145815	0	0.829	0	33.64392	-86.9196
35040	14965	6484	1.98E+08	2849277	76.328	1.1	33.10297	-86.7289
35042	5831	2591	3.9E+08	2061099	150.438	0.796	32.95799	-87.1038

35043	9234	3514	1.19E+08	2482690	45.859	0.959	33.3142	-86.6592
35044	7713	3547	1.49E+08	5400078	57.694	2.085	33.24371	-86.3807
35045	14870	6458	3.09E+08	817857	119.159	0.316	32.79996	-86.6768
35046	5108	2804	3.49E+08	20098170	134.609	7.76	32.93114	-86.5342
35049	3996	1612	1.1E+08	726285	42.34	0.28	33.96181	-86.6121
35051	8787	3341	2.8E+08	5424260	108.257	2.094	33.20503	-86.6189
35052	277	104	946133	2971	0.365	0.001	33.59068	-86.4099
35053	2617	2447	1.24E+08	23606301	47.9	9.114	34.05142	-87.0731
35054	4101	2211	67695254	10006429	26.137	3.864	33.50199	-86.338
35055	19427	8991	1.66E+08	2358055	64.03	0.91	34.15118	-86.7587
35057	12630	5753	3.29E+08	9057193	126.861	3.497	34.18046	-86.9343
35058	9936	4231	1.78E+08	3028168	68.776	1.169	34.22886	-86.7373
35060	414	215	6692614	410688	2.584	0.159	33.55775	-86.9517
35061	1465	687	5111252	0	1.973	0	33.4718	-86.956
35062	7944	3355	1.16E+08	788824	44.893	0.305	33.72492	-87.0103
35063	3866	1667	1.01E+08	934836	39.157	0.361	33.82055	-87.0259
35064	11458	5066	10636977	0	4.107	0	33.47607	-86.9203
35068	7232	3232	36157343	0	13.96	0	33.60752	-86.8311
35070	265	139	3595988	20335	1.388	0.008	34.01255	-86.7542
35071	15661	6803	1.48E+08	458202	57.075	0.177	33.69501	-86.8481
35072	5193	2420	4.91E+08	2461726	189.459	0.95	33.09543	-86.0645
35073	2382	1140	68564070	461140	26.473	0.178	33.65123	-86.9868
35074	93	44	145226	0	0.056	0	33.22235	-87.1243
35077	13142	5836	3.9E+08	2996576	150.527	1.157	34.02117	-86.8327
35078	2082	935	1.13E+08	5024294	43.595	1.94	33.32428	-86.4445
35079	8810	3626	2.75E+08	1223654	106.131	0.472	33.93807	-86.7497
35080	15881	5943	1.13E+08	2946340	43.548	1.138	33.26252	-86.9139
35082	7	4	20885346	8183	8.064	0.003	33.15789	-86.1534
35083	3268	1404	94497408	637168	36.486	0.246	34.19987	-86.5992
35085	8933	3736	2.7E+08	1231337	104.15	0.475	32.97812	-86.7342
35087	2115	932	58103996	432750	22.434	0.167	34.30645	-86.5843
35089	2238	1047	1.78E+08	375830	68.89	0.145	32.94578	-86.0818
35091	2719	999	16964672	0	6.55	0	33.77924	-86.7896
35094	14212	6356	1.49E+08	4179496	57.527	1.614	33.53007	-86.5533
35096	7815	3831	2.04E+08	14184558	78.874	5.477	33.62075	-86.1079
35097	1748	700	20433826	52538	7.89	0.02	33.89223	-86.6271
35098	1375	645	78308223	1805400	30.235	0.697	34.1211	-87.0469
35111	16140	6406	1.66E+08	3044016	64.185	1.175	33.28435	-87.0949
35112	801	346	6373884	45862	2.461	0.018	33.69091	-86.4706
35114	7172	2702	32182056	307440	12.426	0.119	33.22372	-86.8728
35115	14118	5880	3.23E+08	2762434	124.801	1.067	33.12334	-86.8972
35116	4240	1771	57362647	28998	22.148	0.011	33.73012	-86.7661
35117	5367	2155	69181965	40190	26.711	0.016	33.66837	-86.8934
35118	3138	1375	96174225	976591	37.133	0.377	33.53501	-87.0392
35119	116	57	732311	0	0.283	0	33.64657	-86.7709
35120	13842	5416	1.75E+08	993121	67.504	0.383	33.66681	-86.4237
35121	15570	6497	3.73E+08	5413780	143.823	2.09	33.94119	-86.4551

35124	23020	9227	1.08E+08	1640131	41.559	0.633	33.3219	-86.7422
35125	10456	4324	1.23E+08	585755	47.486	0.226	33.63325	-86.2887
35126	21725	8494	1.51E+08	1472611	58.171	0.569	33.73077	-86.6551
35127	10099	3939	25478222	0	9.837	0	33.49166	-86.9764
35128	10197	4711	1.66E+08	12996918	64.014	5.018	33.5524	-86.3378
35130	3233	1683	1.75E+08	8165809	67.443	3.153	33.63316	-87.1367
35131	4159	1880	2.33E+08	7728246	89.97	2.984	33.72741	-86.1969
35133	3907	1642	1.25E+08	2166198	48.314	0.836	33.82995	-86.5961
35135	1812	854	17135529	4819238	6.616	1.861	33.61646	-86.1996
35136	1796	1216	5.6E+08	12495729	216.112	4.825	32.87925	-86.2868
35139	150	55	3031766	149647	1.171	0.058	33.70917	-86.9691
35143	3281	2222	1.1E+08	14483114	42.318	5.592	33.09485	-86.5439
35146	10948	3914	2.76E+08	3288317	106.735	1.27	33.79512	-86.4533
35147	5468	2259	1.76E+08	3123286	68.024	1.206	33.41588	-86.531
35148	2702	1282	16019790	19710	6.185	0.008	33.75599	-87.0458
35149	630	311	14270276	16775	5.51	0.006	33.24944	-86.1875
35150	18472	8542	1.63E+08	2868088	62.972	1.107	33.18931	-86.2384
35151	7632	3654	4.4E+08	19118652	169.802	7.382	33.08133	-86.3922
35160	26822	12013	8.81E+08	16993505	340.002	6.561	33.35792	-86.0525
35171	3281	1337	76291986	145008	29.457	0.056	32.88254	-86.7403
35172	2986	1286	74622017	148331	28.812	0.057	33.84799	-86.696
35173	25176	9589	1.65E+08	2663957	63.602	1.029	33.6554	-86.563
35175	5041	2222	1.65E+08	4528357	63.674	1.748	34.43567	-86.5112
35176	921	450	27387413	710889	10.574	0.274	33.48538	-86.498
35178	3378	1601	1.48E+08	6730280	56.967	2.599	33.41977	-86.3984
35179	8958	3874	2.42E+08	1992461	93.296	0.769	34.27331	-86.969
35180	13794	5581	2.3E+08	1239141	88.835	0.478	33.82555	-86.8352
35183	706	336	1.75E+08	555192	67.528	0.214	33.01611	-86.352
35184	5841	2510	3.67E+08	2761608	141.572	1.066	33.11435	-87.1367
35186	4931	2130	1.43E+08	8773855	55.266	3.388	33.25684	-86.5104
35187	32	9	53083	0	0.02	0	33.08053	-86.8858
35188	2715	1051	59460028	367767	22.958	0.142	33.18046	-87.1636
35203	3798	1822	5232096	0	2.02	0	33.5186	-86.8098
35204	10337	6002	12594384	0	4.863	0	33.52211	-86.8398
35205	19686	12089	9391228	0	3.626	0	33.495	-86.8081
35206	17177	8141	26484585	91391	10.226	0.035	33.56991	-86.713
35207	9010	4273	26929603	82509	10.398	0.032	33.56505	-86.8237
35208	14855	6823	9152076	0	3.534	0	33.49682	-86.8793
35209	29544	15167	24166085	152580	9.331	0.059	33.46635	-86.8115
35210	13952	6485	65520616	1005966	25.298	0.388	33.54093	-86.6703
35211	26236	14095	45741219	77289	17.661	0.03	33.45537	-86.8565
35212	11539	6550	15195575	0	5.867	0	33.54739	-86.7529
35213	13185	6017	16448934	16527	6.351	0.006	33.50667	-86.7445
35214	19592	8912	68987524	84828	26.636	0.033	33.57698	-86.8933
35215	46951	20194	74254490	65111	28.67	0.025	33.64905	-86.7074
35216	36408	17313	36326082	499692	14.026	0.193	33.41925	-86.7894
35217	13729	6263	46815934	157723	18.076	0.061	33.60788	-86.7603

35218	7353	3696	6750702	0	2.606	0	33.50767	-86.894
35221	4834	2476	9456883	0	3.651	0	33.44949	-86.899
35222	7884	4331	9669216	5771	3.733	0.002	33.52371	-86.7701
35223	11043	4749	21297394	82587	8.223	0.032	33.48814	-86.7348
35224	6094	2854	40807220	234115	15.756	0.09	33.51729	-86.9438
35226	31471	13209	46352057	237799	17.897	0.092	33.39915	-86.8459
35228	10419	4695	11195673	0	4.323	0	33.4561	-86.921
35229	940	0	446442	2875	0.172	0.001	33.46581	-86.7886
35233	1308	591	4352265	0	1.68	0	33.50875	-86.802
35234	6311	2860	9225058	0	3.562	0	33.54081	-86.8028
35235	19484	8613	36318749	88669	14.023	0.034	33.62449	-86.6479
35242	49545	21879	1.37E+08	7066789	52.961	2.729	33.4232	-86.6716
35243	17328	8582	31433068	467170	12.136	0.18	33.44092	-86.7415
35244	32390	13456	56063756	1588460	21.646	0.613	33.35292	-86.8253
35254	1403	137	1079581	0	0.417	0	33.51623	-86.8576
35401	39878	16514	1.23E+08	4938764	47.615	1.907	33.17024	-87.6162
35404	21251	9701	43523535	1076091	16.805	0.415	33.21516	-87.4834
35405	37661	17486	1.23E+08	2018496	47.556	0.779	33.12076	-87.5411
35406	13864	6321	2.2E+08	15285688	84.795	5.902	33.33887	-87.4693
35441	1060	803	1.73E+08	8749115	66.738	3.378	32.85276	-87.7503
35442	4972	2385	6.1E+08	10838695	235.602	4.185	33.07968	-88.191
35443	2009	1249	4.91E+08	10494623	189.474	4.052	32.75528	-88.0008
35444	3699	1495	3.86E+08	8286015	148.868	3.199	33.32873	-87.2929
35446	2234	985	1.58E+08	1772632	60.879	0.684	33.2078	-87.751
35447	3460	1716	3.74E+08	10602926	144.487	4.094	33.25187	-88.1578
35452	3880	1553	1.35E+08	1754305	51.957	0.677	33.27903	-87.6802
35453	11127	4757	2.41E+08	3740329	93.045	1.444	33.16378	-87.3895
35456	3759	1561	2.19E+08	647209	84.718	0.25	33.0637	-87.4148
35457	82	42	17300293	384051	6.68	0.148	33.30415	-87.7731
35458	594	268	66201968	1280541	25.561	0.494	33.40059	-87.8128
35459	872	429	3.54E+08	3788327	136.625	1.463	32.79164	-88.2759
35460	834	409	2.52E+08	4786901	97.224	1.848	32.71316	-88.1537
35461	1952	1069	3.21E+08	594974	124.025	0.23	33.41769	-88.2139
35462	5061	2570	8.1E+08	10482614	312.93	4.047	32.92074	-87.9671
35463	1749	791	1.59E+08	5593844	61.327	2.16	33.06473	-87.6825
35464	654	307	85382500	1229836	32.966	0.475	32.80613	-88.1546
35466	6075	2669	6.76E+08	1256008	261.042	0.485	33.24853	-87.9195
35469	221	132	48147636	2225430	18.59	0.859	32.97387	-87.7816
35470	5468	2514	6.88E+08	8551398	265.645	3.302	32.56199	-88.0664
35473	14909	6769	65141447	2138132	25.151	0.826	33.27052	-87.5816
35474	6180	2663	5.2E+08	4684050	200.8	1.809	32.94511	-87.5871
35475	14507	6073	5.57E+08	18624910	214.993	7.191	33.43446	-87.594
35476	8106	3613	14311109	484868	5.526	0.187	33.22745	-87.5913
35477	335	199	88155753	1942357	34.037	0.75	32.95623	-88.2412
35480	1343	612	1.77E+08	240618	68.25	0.093	33.09122	-87.8174
35481	3668	1791	3.07E+08	1164405	118.521	0.45	33.39462	-88.0374
35490	3857	1553	1.74E+08	761787	67.172	0.294	33.21842	-87.2382

35501	10424	4832	1.29E+08	1211702	49.928	0.468	33.81891	-87.2927
35503	9068	4079	2.06E+08	5247483	79.643	2.026	33.94124	-87.2967
35504	13596	6105	2.51E+08	8111148	96.959	3.132	33.89414	-87.1708
35540	2415	1114	1.91E+08	1506994	73.736	0.582	34.23451	-87.21
35541	3597	2540	1.74E+08	21674673	67.072	8.369	34.08232	-87.1775
35542	1021	491	1.43E+08	295257	55.323	0.114	33.71909	-87.6761
35543	1137	533	96836852	581889	37.389	0.225	34.21116	-87.7584
35544	673	361	1.86E+08	56917	71.77	0.022	33.95999	-88.0171
35545	100	49	3321507	0	1.282	0	33.65155	-87.9349
35546	3901	1798	5.73E+08	1111215	221.119	0.429	33.61943	-87.5427
35548	1558	839	1.68E+08	340223	65.058	0.131	34.05642	-87.7505
35549	4341	2090	3E+08	835402	115.731	0.323	33.85134	-87.5449
35550	5605	2685	1.7E+08	3562371	65.806	1.375	33.74768	-87.1617
35552	1044	558	1.54E+08	0	59.63	0	34.07228	-88.1422
35553	4680	2472	3.69E+08	10172920	142.439	3.928	34.12591	-87.3817
35554	1186	578	1.34E+08	195964	51.621	0.076	33.88573	-87.6717
35555	10177	5075	8.18E+08	4404009	315.953	1.7	33.65851	-87.8156
35559	57	20	1698656	0	0.656	0	33.90549	-87.7281
35563	4340	2061	2.69E+08	117221	103.81	0.045	33.97751	-87.9039
35564	2361	1169	1.74E+08	330563	67.258	0.128	34.25843	-87.8456
35565	13485	6527	7.2E+08	2152603	277.832	0.831	34.23726	-87.5635
35570	11145	5144	6.19E+08	250668	239.004	0.097	34.16258	-87.9932
35571	895	447	1.62E+08	4497337	62.51	1.736	34.36871	-87.9441
35572	1131	835	1.93E+08	7681605	74.561	2.966	34.2107	-87.2879
35574	1507	815	2.62E+08	117812	101.111	0.045	33.56758	-87.95
35575	1018	505	96383194	295514	37.214	0.114	34.03614	-87.5879
35576	3217	1650	4.51E+08	293878	174.018	0.113	33.57538	-88.1439
35577	38	51	9821958	0	3.792	0	34.10238	-87.6201
35578	5833	2586	3.09E+08	1135686	119.326	0.438	33.98048	-87.4664
35579	3136	1481	3.66E+08	6932157	141.305	2.677	33.63631	-87.3603
35580	3791	1821	2.03E+08	8377980	78.424	3.235	33.67329	-87.2555
35581	5778	2717	3.16E+08	3323616	121.926	1.283	34.35991	-87.7131
35582	4093	1958	2.3E+08	1477415	88.91	0.57	34.4868	-88.1129
35584	460	200	1544897	2084	0.596	0.001	33.81937	-87.088
35585	1418	618	1.03E+08	749214	39.642	0.289	34.42084	-87.8325
35586	4469	2279	4.73E+08	892816	182.464	0.345	33.87819	-88.1345
35587	1025	482	1.37E+08	551750	52.862	0.213	33.79556	-87.4569
35592	4664	2260	3.23E+08	235989	124.717	0.091	33.7461	-88.0848
35593	1931	896	3.05E+08	1430210	117.697	0.552	34.3391	-88.0956
35594	7794	3724	3.74E+08	438506	144.469	0.169	33.93269	-87.7744
35601	34434	14650	72746009	16287673	28.087	6.289	34.60802	-87.0111
35603	30545	13386	1.82E+08	17290509	70.361	6.676	34.53545	-86.9712
35610	2252	1046	1.25E+08	289096	48.35	0.112	34.95446	-87.246
35611	25251	12037	2.95E+08	40530358	114.04	15.649	34.77383	-87.0841
35613	20546	7459	1.99E+08	1359015	76.936	0.525	34.82016	-86.8824
35614	7456	3274	1.65E+08	5942703	63.593	2.294	34.85372	-86.9901
35615	68	41	1814967	10129	0.701	0.004	34.66317	-86.8753

35616	4043	2116	5.46E+08	36136246	210.957	13.952	34.7395	-88.0194
35618	1870	973	1.19E+08	858882	45.996	0.332	34.6414	-87.305
35619	5135	2179	3.37E+08	1396746	130.137	0.539	34.38272	-87.1521
35620	8868	3628	2.82E+08	4223448	108.858	1.631	34.93081	-87.0202
35621	2852	1220	1.19E+08	416747	45.848	0.161	34.34897	-86.7295
35622	7388	3022	2.5E+08	831890	96.717	0.321	34.34659	-86.899
35630	32629	16672	65019532	10727326	25.104	4.142	34.82298	-87.6617
35633	20877	9100	5.41E+08	35875572	208.971	13.852	34.8751	-87.7984
35634	9711	4362	1.6E+08	9006264	61.671	3.477	34.91927	-87.6145
35640	24267	10378	2.84E+08	2885722	109.841	1.114	34.4407	-86.9437
35643	2941	1306	2.09E+08	43380937	80.676	16.749	34.67258	-87.2019
35645	14060	5972	2.23E+08	17928749	86.272	6.922	34.90305	-87.501
35646	4635	2160	2.43E+08	1067392	93.662	0.412	34.6771	-87.5233
35647	1030	454	61105415	422152	23.593	0.163	34.96766	-87.117
35648	3635	1646	1.5E+08	350455	58.105	0.135	34.95866	-87.3878
35649	68	33	5742334	2874249	2.217	1.11	34.61762	-86.8693
35650	13971	6139	5.48E+08	3419194	211.592	1.32	34.44723	-87.3086
35651	1312	580	1.39E+08	697971	53.714	0.269	34.46986	-87.4957
35652	8190	4160	2.17E+08	29445166	83.886	11.369	34.84674	-87.3102
35653	11150	4804	3.71E+08	21059689	143.377	8.131	34.51819	-87.872
35654	8685	3667	3.68E+08	1453837	142.131	0.561	34.49806	-87.6325
35660	9042	4694	16716984	578349	6.454	0.223	34.75549	-87.7013
35661	16617	7448	1.45E+08	24904925	55.916	9.616	34.76853	-87.5628
35670	7676	3300	2.64E+08	4435600	101.893	1.713	34.45518	-86.7293
35671	2107	1045	1.36E+08	54929945	52.661	21.209	34.67227	-86.934
35672	6445	2949	3.42E+08	20086062	132.19	7.755	34.64853	-87.4065
35673	8199	3340	1.13E+08	582781	43.816	0.225	34.57634	-87.1373
35674	18475	8522	4.92E+08	6470415	189.834	2.498	34.66241	-87.7819
35677	1921	1094	2.84E+08	35321309	109.547	13.638	34.95571	-88.0266
35739	5146	2212	70242065	245581	27.121	0.095	34.96859	-86.791
35740	3482	1643	92475446	2986584	35.705	1.153	34.96685	-85.7774
35741	2933	1293	60961743	274613	23.537	0.106	34.71731	-86.4833
35744	2570	1065	86236625	1444195	33.296	0.558	34.61051	-85.9091
35745	288	157	1.74E+08	402819	67.06	0.156	34.94363	-86.1802
35746	856	369	1.5E+08	2353763	58.054	0.909	34.82862	-86.006
35747	5901	2743	1.93E+08	9482841	74.525	3.661	34.49494	-86.299
35748	6276	2648	2.1E+08	1485068	80.97	0.573	34.72123	-86.3894
35749	20575	7803	1.05E+08	505087	40.487	0.195	34.82151	-86.7576
35750	12783	5118	1.65E+08	350420	63.537	0.135	34.9586	-86.5942
35751	265	131	74344995	198915	28.705	0.077	34.81116	-86.2765
35752	2047	983	1.21E+08	16893942	46.726	6.523	34.7459	-85.946
35754	5362	2372	1.13E+08	2635647	43.48	1.018	34.52547	-86.6045
35755	586	496	44373368	35943109	17.133	13.878	34.4883	-86.1503
35756	9016	3556	1.98E+08	14054129	76.568	5.426	34.6438	-86.8181
35757	12840	4995	31102165	93843	12.009	0.036	34.78416	-86.7454
35758	41875	17488	69656038	309725	26.894	0.12	34.71128	-86.7469
35759	6406	2509	42094093	135751	16.253	0.052	34.86743	-86.5462

35760	5065	2259	1.37E+08	1128666	52.922	0.436	34.54391	-86.3839
35761	11630	4667	3.02E+08	750468	116.549	0.29	34.91621	-86.4092
35763	14216	5375	1.09E+08	1141673	42.061	0.441	34.62202	-86.4622
35764	653	296	86067483	478904	33.231	0.185	34.7263	-86.3102
35765	4013	1958	1.82E+08	7442417	70.348	2.874	34.69031	-85.8141
35766	150	97	92766351	327150	35.817	0.126	34.86749	-86.2998
35768	11581	5303	4.38E+08	3847690	169.271	1.486	34.76889	-86.1042
35769	9537	4829	1.62E+08	65359333	62.634	25.235	34.59798	-86.1048
35771	3645	1659	1.58E+08	2109925	61.115	0.815	34.5386	-86.0054
35772	4908	2322	4.46E+08	19035295	172.131	7.35	34.93738	-85.9491
35773	13018	5218	1.88E+08	920415	72.708	0.355	34.89107	-86.7079
35774	165	67	36638409	212855	14.146	0.082	34.76525	-86.2265
35775	636	280	41276181	5264300	15.937	2.033	34.54293	-86.706
35776	3395	1544	2.34E+08	1044554	90.381	0.403	34.6594	-86.2394
35801	21509	10973	36474864	133626	14.083	0.052	34.72527	-86.5609
35802	21297	10970	46963946	2024554	18.133	0.782	34.66821	-86.5589
35803	25471	11155	1.23E+08	5097080	47.577	1.968	34.56369	-86.5193
35805	22498	11012	23711097	333285	9.155	0.129	34.70937	-86.6203
35806	18951	9171	60292130	467537	23.279	0.181	34.76254	-86.685
35808	1946	379	1.49E+08	8750374	57.712	3.379	34.63303	-86.6591
35810	30617	12611	74605516	104723	28.805	0.04	34.80325	-86.6015
35811	25955	10935	1.2E+08	1320944	46.25	0.51	34.79535	-86.5099
35816	15228	7821	13724811	22513	5.299	0.009	34.73995	-86.6308
35824	6070	3139	33041279	444272	12.757	0.172	34.64493	-86.7521
35896	636	1	651817	2724	0.252	0.001	34.75467	-86.6546
35901	20045	9229	1.54E+08	11220172	59.487	4.332	34.04937	-85.9343
35903	18088	8538	1.75E+08	6504744	67.416	2.511	34.02427	-85.8637
35904	14194	6627	1.2E+08	812076	46.174	0.314	34.07501	-85.9879
35905	6410	2782	1.08E+08	1530684	41.521	0.591	33.96203	-85.9222
35906	9897	4662	91432748	6158892	35.302	2.378	33.92715	-86.0951
35907	8345	3487	57676945	7191190	22.269	2.777	33.89084	-86.018
35950	20826	8135	1.15E+08	305956	44.578	0.118	34.24975	-86.2611
35951	13098	5028	1.89E+08	2452834	72.828	0.947	34.33888	-86.1634
35952	7727	3392	2.84E+08	998602	109.635	0.386	34.05239	-86.3107
35953	7319	3217	2.96E+08	10749657	114.098	4.15	33.80962	-86.2297
35954	12416	5686	2.71E+08	1129755	104.459	0.436	34.08975	-86.0574
35956	8842	3741	1.91E+08	523207	73.729	0.202	34.14615	-86.1467
35957	15693	6535	2.06E+08	653429	79.576	0.252	34.19616	-86.1969
35958	3582	1590	1.36E+08	4522316	52.678	1.746	34.91601	-85.646
35959	4836	3692	1.62E+08	54166637	62.391	20.914	34.24238	-85.608
35960	10087	6449	3.71E+08	45672219	143.066	17.634	34.12433	-85.5706
35961	6514	2675	3.31E+08	1202816	127.872	0.464	34.30395	-85.8462
35962	8300	3197	2.04E+08	189535	78.702	0.073	34.30388	-86.0364
35963	1704	762	71862422	1995	27.746	0.001	34.35979	-85.9272
35966	3914	1776	2.16E+08	48845	83.445	0.019	34.78965	-85.6716
35967	16630	7340	3.24E+08	881671	124.998	0.34	34.40766	-85.6946
35968	4575	2017	1.39E+08	311493	53.596	0.12	34.55115	-85.7387

35971	4914	2155	1.47E+08	0	56.717	0	34.45549	-85.9451
35972	1139	501	63141901	368006	24.379	0.142	33.994	-86.2469
35973	2870	1456	2.96E+08	1217853	114.44	0.47	34.34402	-85.5515
35974	1589	739	34030089	30156	13.139	0.012	34.36275	-86.0103
35975	1058	495	88661767	453411	34.233	0.175	34.43646	-86.0604
35976	16272	7909	3.31E+08	91550529	127.917	35.348	34.34577	-86.33
35978	5390	2453	1.75E+08	364314	67.402	0.141	34.6428	-85.729
35979	1398	565	27113570	0	10.469	0	34.83232	-85.6096
35980	5161	2075	1.44E+08	406326	55.451	0.157	34.17209	-86.3896
35981	2141	985	59863352	0	23.113	0	34.72235	-85.6488
35983	3738	2497	1.3E+08	17574129	50.118	6.785	34.17297	-85.765
35984	1889	1490	1.67E+08	480250	64.609	0.185	34.53684	-85.5639
35986	7744	3449	1.17E+08	37458	45.247	0.014	34.50034	-85.8359
35987	2666	1197	1.54E+08	1375035	59.373	0.531	33.91337	-86.2422
35988	1940	793	31618255	182033	12.208	0.07	34.55822	-85.7972
35989	3573	1556	1.57E+08	286484	60.698	0.111	34.6135	-85.6199
35990	38	25	198483	0	0.077	0	34.06778	-86.3047
36003	1975	1003	2.42E+08	8782150	93.377	3.391	32.45199	-86.7237
36005	1522	840	3.65E+08	302013	140.989	0.117	31.88821	-85.7196
36006	1313	573	1.85E+08	232674	71.471	0.09	32.64206	-86.7226
36009	2566	1254	3.89E+08	1518398	150.155	0.586	31.59478	-86.3014
36010	4677	2428	3.28E+08	258474	126.788	0.1	31.66366	-85.7978
36013	562	207	45026688	236157	17.385	0.091	32.28467	-85.9852
36016	5150	1726	6.25E+08	771321	241.267	0.298	31.85022	-85.4147
36017	3318	961	1.61E+08	173549	62.258	0.067	31.67944	-85.5577
36020	1123	454	26040826	2976620	10.054	1.149	32.47937	-86.323
36022	13092	4581	2.35E+08	8147801	90.776	3.146	32.6235	-86.4056
36024	5428	3046	2.33E+08	18078590	89.898	6.98	32.6718	-86.025
36025	5729	1297	37342821	1264722	14.418	0.488	32.54404	-86.325
36026	1089	992	1.91E+08	9873290	73.692	3.812	32.77548	-86.131
36027	16261	7719	7.48E+08	51163286	288.851	19.754	32.06064	-85.1166
36028	1746	992	3.34E+08	3721714	128.88	1.437	31.49547	-86.3928
36029	723	356	2.65E+08	1654484	102.305	0.639	32.18187	-85.9332
36030	491	269	1.77E+08	65831	68.214	0.025	31.87091	-86.8762
36031	156	70	26835548	130388	10.361	0.05	32.24712	-85.7374
36032	2339	1061	2.88E+08	738892	111.102	0.285	31.99463	-86.5686
36033	4299	2210	6.08E+08	427607	234.579	0.165	31.67171	-86.7706
36034	807	436	1.51E+08	215557	58.209	0.083	31.62105	-86.1112
36035	1913	974	2.82E+08	523549	109.025	0.202	31.78871	-86.1262
36036	2003	1012	2.71E+08	664981	104.457	0.257	31.97394	-86.1617
36037	14074	6521	9.34E+08	1787009	360.552	0.69	31.79901	-86.6286
36038	57	22	6125160	18288	2.365	0.007	31.43508	-86.4913
36039	253	129	98508141	389626	38.034	0.15	32.29895	-85.8376
36040	3976	1671	4.01E+08	3150462	154.896	1.216	32.17392	-86.6842
36041	1318	650	1.38E+08	350110	53.112	0.135	31.9138	-86.32
36042	1500	734	2.11E+08	635620	81.394	0.245	31.86862	-86.46
36043	3666	1696	2.66E+08	4076494	102.791	1.574	32.20115	-86.4207

36046	1490	707	1.78E+08	676966	68.673	0.261	32.02277	-86.3364
36047	1396	652	2.86E+08	2620429	110.551	1.012	32.07525	-86.5179
36048	1459	735	2.73E+08	497452	105.569	0.192	31.80447	-85.5923
36049	5706	2678	4.14E+08	1699947	159.832	0.656	31.76814	-86.2773
36051	2304	1001	1.32E+08	776291	50.778	0.3	32.68546	-86.5
36052	739	334	1.62E+08	1218767	62.511	0.471	32.18409	-86.0483
36053	1967	1105	7.53E+08	989315	290.602	0.382	32.02924	-85.4436
36054	15066	6192	63061246	3879953	24.348	1.498	32.48188	-86.3663
36064	6753	2654	2.09E+08	2518347	80.804	0.972	32.29664	-86.0779
36066	19089	7759	51451444	2911008	19.866	1.124	32.47968	-86.424
36067	26954	10737	6.2E+08	10998292	239.235	4.246	32.50938	-86.5649
36069	1935	1010	3.86E+08	3364858	148.96	1.299	32.09414	-86.1499
36071	766	357	1.22E+08	86212	46.962	0.033	31.70669	-86.3978
36075	2226	982	2.37E+08	2848428	91.499	1.1	32.37839	-85.9237
36078	13179	5819	4.46E+08	15042294	172.322	5.808	32.53825	-85.9341
36079	9339	4413	5.16E+08	1148923	199.148	0.444	31.76416	-86.003
36080	2271	1220	1.4E+08	8545426	54.121	3.299	32.70186	-86.2814
36081	15267	7409	5.63E+08	831972	217.326	0.321	31.90375	-85.8982
36082	1667	0	987317	0	0.381	0	31.80276	-85.9546
36083	9563	4894	6.6E+08	5422755	254.77	2.094	32.38576	-85.6829
36088	4767	1936	8669378	12263	3.347	0.005	32.41528	-85.7203
36089	8760	3274	8.52E+08	4067405	328.894	1.57	32.15231	-85.6978
36091	3648	1652	2.12E+08	4253816	81.798	1.642	32.75045	-86.5085
36092	20274	8197	3.39E+08	12990693	130.801	5.016	32.61701	-86.2016
36093	9456	3717	2.11E+08	4874258	81.516	1.882	32.49456	-86.1336
36104	9468	4400	32478638	7346236	12.54	2.836	32.39882	-86.3265
36105	12043	5427	1.9E+08	3260887	73.45	1.259	32.2097	-86.2887
36106	15211	7184	15754610	9415	6.083	0.004	32.35282	-86.2576
36107	9589	4474	8377980	0	3.235	0	32.38369	-86.2793
36108	21306	9666	1.8E+08	8473473	69.582	3.272	32.3391	-86.4011
36109	24777	11088	30021825	30088	11.591	0.012	32.38896	-86.2421
36110	12997	5476	76743399	4839295	29.631	1.868	32.44658	-86.2558
36111	12176	5610	11134306	12789	4.299	0.005	32.33658	-86.2713
36112	553	2	904056	0	0.349	0	32.38083	-86.3491
36113	1902	362	7306469	763911	2.821	0.295	32.38244	-86.3634
36115	623	308	1532461	0	0.592	0	32.40677	-86.2467
36116	43790	18771	1.45E+08	1717717	56.069	0.663	32.27359	-86.2145
36117	50268	22405	1.41E+08	2959097	54.287	1.143	32.37873	-86.145
36201	20156	9535	96579030	202052	37.289	0.078	33.64916	-85.8796
36203	18799	7774	99112441	1953241	38.268	0.754	33.58308	-85.8346
36205	635	360	11172382	7378	4.314	0.003	33.71738	-85.7948
36206	11427	5099	41373138	180926	15.974	0.07	33.73328	-85.8097
36207	19801	9372	1.91E+08	1595713	73.853	0.616	33.68001	-85.7091
36250	4603	1852	45695573	208093	17.643	0.08	33.76532	-85.9011
36251	5103	2451	3.74E+08	1863553	144.453	0.72	33.22654	-85.8693
36255	969	508	1.78E+08	231236	68.655	0.089	33.16815	-85.7304
36256	1570	756	2.46E+08	2050579	94.846	0.792	33.04631	-85.7048

36258	1599	872	2.92E+08	980152	112.612	0.378	33.47773	-85.7173
36260	4247	1856	70303259	757321	27.144	0.292	33.58215	-85.997
36262	1448	661	2.32E+08	66686	89.497	0.026	33.79145	-85.4755
36263	658	296	63803272	0	24.635	0	33.46623	-85.3593
36264	8659	3892	6.11E+08	1328983	235.799	0.513	33.5966	-85.5504
36265	21060	9150	2.58E+08	799554	99.477	0.309	33.84766	-85.7849
36266	5582	2938	4.63E+08	2652991	178.617	1.024	33.34985	-85.7343
36267	35	21	3530688	0	1.363	0	33.19737	-85.9483
36268	5432	2362	2.43E+08	3978864	93.855	1.536	33.4948	-85.9295
36269	1395	617	1.16E+08	69648	44.672	0.027	33.7398	-85.3839
36271	6023	2727	2.13E+08	7978302	82.051	3.08	33.78123	-86.0187
36272	13389	6294	8.73E+08	3600804	337.081	1.39	33.94296	-85.5945
36273	2914	1299	1.35E+08	345102	52.151	0.133	33.54539	-85.3772
36274	11199	5295	4.73E+08	2563447	182.67	0.99	33.17214	-85.3628
36276	2592	1189	3.48E+08	4091065	134.194	1.58	33.13268	-85.5703
36277	5420	2326	21772657	355745	8.406	0.137	33.75747	-85.8182
36278	4366	2963	3.44E+08	2874931	132.931	1.11	33.33104	-85.523
36279	2645	1133	76912942	655434	29.696	0.253	33.87227	-85.8893
36280	3932	1893	3.2E+08	320020	123.503	0.124	33.38041	-85.3887
36301	35759	15896	2.31E+08	1651651	89.272	0.638	31.14007	-85.3983
36303	30217	13518	1.63E+08	42315	62.813	0.016	31.26657	-85.4013
36305	14470	6281	82312632	153596	31.781	0.059	31.20437	-85.4958
36310	6783	4140	5.58E+08	16202049	215.498	6.256	31.59515	-85.2089
36311	2770	1275	3.1E+08	186510	119.76	0.072	31.60765	-85.6869
36312	6187	2863	1.99E+08	871514	77.005	0.336	31.17083	-85.2368
36313	285	145	10166097	0	3.925	0	31.17855	-85.7939
36314	595	291	61102404	244763	23.592	0.095	31.01894	-85.7728
36316	1722	829	1.29E+08	838731	49.939	0.324	31.17569	-85.864
36317	590	270	1.05E+08	177457	40.611	0.069	31.64356	-85.4043
36318	1296	648	1.26E+08	280671	48.476	0.108	31.16952	-85.9505
36319	2276	1154	2.6E+08	411279	100.198	0.159	31.33182	-85.1492
36320	3837	1793	1.71E+08	322203	65.899	0.124	31.04997	-85.3158
36321	1632	694	17881274	183313	6.904	0.071	31.21084	-85.2992
36322	9072	4475	1.62E+08	315188	62.509	0.122	31.25761	-85.7358
36323	8255	3849	5.99E+08	1783235	231.302	0.689	31.4281	-86.0725
36330	35530	15484	3.11E+08	229138	120.186	0.088	31.30578	-85.863
36340	5490	2583	1.23E+08	1642055	47.444	0.634	31.05167	-85.8909
36343	1579	840	2.61E+08	566184	100.632	0.219	31.0607	-85.1208
36344	5732	2697	3.33E+08	2543773	128.554	0.982	31.09789	-85.7081
36345	7822	3400	3.18E+08	69036	122.859	0.027	31.36815	-85.3046
36346	1456	656	1.3E+08	10573	50.226	0.004	31.56057	-85.9301
36350	6540	2846	1.66E+08	74008	64.225	0.029	31.35021	-85.4955
36351	3146	1462	2.1E+08	161362	81.13	0.062	31.42553	-85.9066
36352	4885	2134	1.84E+08	76129	70.865	0.029	31.265	-85.6097
36353	1968	936	2.5E+08	245714	96.451	0.095	31.4784	-85.3489
36360	20157	9358	4.68E+08	1014295	180.837	0.392	31.46747	-85.617
36362	4637	1456	76348707	46399	29.478	0.018	31.35093	-85.6798

36370	972	433	73202751	39720	28.264	0.015	31.14222	-85.1581
36371	720	332	30095074	21718	11.62	0.008	31.31242	-85.552
36373	581	312	1.61E+08	291398	62.156	0.113	31.52508	-85.1094
36374	970	484	1.4E+08	0	54.206	0	31.57874	-85.4937
36375	7390	3378	3.15E+08	1293615	121.767	0.499	31.07122	-85.545
36376	2445	1071	58569365	172191	22.614	0.066	31.25114	-85.2698
36401	8314	4404	1.18E+09	3212003	456.851	1.24	31.47345	-86.9505
36420	10673	5208	6.89E+08	6067097	265.932	2.343	31.17736	-86.5672
36421	9241	4708	5.36E+08	12652803	206.912	4.885	31.32473	-86.5069
36425	1008	600	3.89E+08	1353636	150.133	0.523	31.76474	-87.1952
36426	16202	7662	1.26E+09	12694414	485.942	4.901	31.14228	-87.07
36432	2420	1255	3.7E+08	2147814	142.7	0.829	31.29357	-87.0277
36435	579	324	1.13E+08	2235440	43.56	0.863	31.86969	-87.4516
36436	531	257	86077414	0	33.235	0	31.78537	-87.6495
36439	583	229	3868967	5669	1.494	0.002	31.41929	-87.3452
36441	3576	1678	1.52E+08	1886673	58.675	0.728	31.03936	-87.2551
36442	3555	1947	5.29E+08	5138755	204.083	1.984	31.07157	-86.3569
36444	702	535	2.74E+08	4535695	105.719	1.751	31.66191	-87.4467
36445	5050	2352	3.99E+08	1040586	154.039	0.402	31.44459	-87.4534
36446	490	231	11669782	0	4.506	0	31.79246	-87.72
36451	4977	2379	4.97E+08	309200	191.778	0.119	31.70052	-87.8036
36453	2198	1051	2.4E+08	1750514	92.675	0.676	31.19168	-86.1492
36454	51	30	3670635	18560	1.417	0.007	31.32843	-87.2003
36455	465	222	1392967	17016	0.538	0.007	31.0131	-86.352
36456	1820	921	3.21E+08	216217	123.971	0.083	31.56841	-86.8062
36460	10738	4946	3.58E+08	336374	138.238	0.13	31.51897	-87.3048
36467	10058	4778	4.29E+08	4374760	165.548	1.689	31.28102	-86.2569
36470	98	77	91703580	4292262	35.407	1.657	31.5293	-87.5675
36471	1257	689	2.57E+08	17209	99.277	0.007	31.61642	-87.2489
36473	106	55	15818994	41059	6.108	0.016	31.30747	-87.2025
36474	2926	1500	4.75E+08	1694259	183.524	0.654	31.42969	-86.626
36475	2208	1110	4.26E+08	915371	164.445	0.353	31.38768	-87.2197
36476	51	23	3142612	21779	1.213	0.008	31.36236	-86.5497
36477	4946	2434	4.38E+08	4931894	169.287	1.904	31.09712	-86.0614
36480	1773	1004	4.2E+08	5527225	162.085	2.134	31.32501	-87.5991
36481	593	309	1.5E+08	2022511	58.003	0.781	31.77151	-87.3826
36482	1090	586	3.19E+08	1498844	123.267	0.579	31.63932	-87.6369
36483	536	321	2.68E+08	3573218	103.49	1.38	31.0395	-86.6936
36502	18355	7006	8.5E+08	4630718	328.211	1.788	31.14773	-87.4948
36505	1481	618	55949703	2751984	21.602	1.063	30.94683	-88.0167
36507	19090	7889	8.67E+08	7892915	334.807	3.047	30.8596	-87.7429
36509	1983	770	16947883	2650383	6.544	1.023	30.39302	-88.2702
36511	764	359	12103003	869001	4.673	0.336	30.31516	-87.7472
36512	46	39	14036317	973844	5.419	0.376	30.99881	-88.0184
36513	555	252	37532299	1392302	14.491	0.538	31.174	-88.0057
36518	2842	1257	3.5E+08	473259	135.238	0.183	31.45395	-88.2825
36521	5431	2171	3.74E+08	1193633	144.464	0.461	30.96499	-88.1773

36522	7183	2964	5.7E+08	3272679	220.068	1.264	31.09338	-88.2748
36523	2818	1368	99197349	21947246	38.3	8.474	30.36964	-88.1755
36524	1232	878	4.33E+08	4441416	167.228	1.715	31.80262	-88.0109
36525	1935	778	43378054	2470952	16.748	0.954	30.8901	-88.0187
36526	27890	12523	96862407	3447959	37.399	1.331	30.61111	-87.8596
36527	12109	5245	1.07E+08	10819546	41.134	4.177	30.70208	-87.8819
36528	1237	1817	16503596	71151961	6.372	27.472	30.2355	-88.2362
36529	478	200	1.57E+08	276379	60.45	0.107	31.27104	-88.2386
36530	6873	3704	2.5E+08	17650195	96.616	6.815	30.40821	-87.5556
36532	27829	13547	1.91E+08	16927960	73.738	6.536	30.48071	-87.8613
36535	26767	13100	2.37E+08	11432910	91.483	4.414	30.38472	-87.7268
36538	374	323	89255704	1687560	34.462	0.652	31.65705	-88.1433
36539	802	350	1.84E+08	456594	71.22	0.176	31.34861	-88.3806
36540	691	303	1.14E+08	2184801	44.203	0.844	31.44895	-87.6758
36541	15647	6072	2.48E+08	1337983	95.627	0.517	30.48954	-88.3441
36542	12705	15939	1.36E+08	59242046	52.488	22.873	30.26972	-87.7506
36543	66	27	761728	5737	0.294	0.002	31.22158	-87.4661
36544	12476	4590	1.04E+08	191810	40.085	0.074	30.48015	-88.2303
36545	9941	4767	1.03E+09	24495294	397.599	9.458	31.48851	-87.8717
36548	1136	517	89617993	2800006	34.602	1.081	31.48898	-87.9677
36549	4271	2782	72294867	29860916	27.913	11.529	30.41094	-87.456
36550	217	125	1.4E+08	346716	53.926	0.134	31.24943	-87.7304
36551	8258	3246	1.68E+08	1074555	65.002	0.415	30.64067	-87.7546
36553	3575	1596	2.86E+08	3070164	110.235	1.185	31.2433	-88.0678
36555	654	358	2183804	143665	0.843	0.055	30.39662	-87.7835
36556	308	314	18574700	498152	7.172	0.192	31.19771	-87.976
36558	3854	1921	6.34E+08	606141	244.767	0.234	31.60441	-88.3159
36559	233	124	932490	1628768	0.36	0.629	30.56779	-87.9087
36560	3690	1571	1.82E+08	5524903	70.185	2.133	31.09777	-88.0401
36561	5808	12492	41950582	25910418	16.197	10.004	30.28568	-87.5724
36562	1596	638	1.15E+08	140426	44.59	0.054	31.03706	-87.6704
36564	107	125	766457	4017	0.296	0.002	30.4787	-87.9265
36567	12672	5177	5.92E+08	3764169	228.458	1.453	30.62354	-87.557
36568	162	63	2325650	1304	0.898	0.001	30.51193	-88.2726
36569	928	389	1.6E+08	1292482	61.831	0.499	31.54248	-88.0913
36571	14423	6230	1.18E+08	1331529	45.631	0.514	30.85468	-88.11
36572	6340	2497	24031300	319022	9.279	0.123	30.85769	-88.0612
36574	1341	665	36288563	1967070	14.011	0.759	30.50069	-87.4786
36575	18345	7040	1.09E+08	5047219	41.998	1.949	30.76916	-88.2734
36576	4143	1767	50363677	149027	19.446	0.058	30.52295	-87.7638
36578	1749	723	79277772	574984	30.609	0.222	30.74759	-87.7811
36579	1590	1029	3.4E+08	3768218	131.316	1.455	31.10682	-87.7969
36580	5420	2422	1.39E+08	1032045	53.757	0.398	30.4789	-87.7034
36581	224	118	1.34E+08	7440591	51.71	2.873	31.37536	-87.9656
36582	24624	10176	2.08E+08	10473271	80.305	4.044	30.50988	-88.173
36583	639	311	1.66E+08	287552	64.193	0.111	31.35682	-88.1879
36584	772	380	1.78E+08	1027848	68.775	0.397	31.19441	-88.3764

36585	972	429	2.15E+08	235977	82.969	0.091	31.38875	-88.0813
36587	12053	4522	3.16E+08	9281344	121.931	3.584	30.84424	-88.3512
36590	20	15	9010	0	0.003	0	30.5318	-88.1744
36602	1057	697	2361692	0	0.912	0	30.69333	-88.0455
36603	7922	3628	16644136	3882239	6.426	1.499	30.67419	-88.0241
36604	10456	5159	6837831	0	2.64	0	30.68222	-88.0681
36605	30111	12914	47259837	9502048	18.247	3.669	30.60455	-88.0878
36606	18733	8918	16979423	1329	6.556	0.001	30.67045	-88.1061
36607	6852	3557	8284818	0	3.199	0	30.69859	-88.1058
36608	36864	16334	1.62E+08	1432055	62.559	0.553	30.6815	-88.3002
36609	25846	12815	18233169	25019	7.04	0.01	30.66109	-88.1635
36610	13209	6322	20715986	893918	7.998	0.345	30.73647	-88.0735
36611	6106	2879	12304398	1295236	4.751	0.5	30.76962	-88.0801
36612	4541	1973	7262879	7066	2.804	0.003	30.75288	-88.1131
36613	12749	4944	1.33E+08	771257	51.246	0.298	30.80658	-88.1914
36615	391	171	7511054	1479701	2.9	0.571	30.63018	-88.0698
36616	27	14	18103	0	0.007	0	30.7245	-88.0816
36617	13967	6129	12304160	44756	4.751	0.017	30.71603	-88.0957
36618	16737	6652	41775146	110305	16.129	0.043	30.73907	-88.1733
36619	14269	5827	44493182	934196	17.179	0.361	30.59609	-88.1966
36688	659	0	1387566	0	0.536	0	30.69616	-88.1821
36693	17847	7772	32636639	1173377	12.601	0.453	30.6257	-88.1497
36695	45118	18360	1.24E+08	676015	47.748	0.261	30.62839	-88.2803
36701	24268	11165	6.73E+08	7706121	259.768	2.975	32.47641	-87.0555
36703	13643	5955	3.13E+08	11415191	120.773	4.407	32.42735	-86.9129
36720	784	337	1.29E+08	6534377	49.844	2.523	32.15885	-87.3469
36722	472	221	83431323	52372	32.213	0.02	32.09492	-87.5715
36723	230	116	17268455	9242502	6.667	3.569	32.05363	-87.2745
36726	4814	2431	6.79E+08	21626821	262.263	8.35	31.96363	-87.2959
36727	61	59	1.59E+08	3207995	61.388	1.239	31.91099	-88.0339
36728	461	235	2.34E+08	3820726	90.425	1.475	32.1614	-87.4762
36732	8395	3910	3.31E+08	7048573	127.977	2.721	32.42931	-87.9142
36736	1207	524	1.06E+08	54771	41.101	0.021	32.06028	-87.7762
36738	952	428	1.87E+08	457979	72.24	0.177	32.42097	-87.625
36740	1328	857	1.9E+08	8939318	73.23	3.451	32.62678	-87.8366
36742	2554	1185	2.95E+08	4829602	113.745	1.865	32.46787	-87.7295
36744	7419	3506	5.93E+08	10242093	228.999	3.954	32.69606	-87.5996
36748	3260	1647	3.98E+08	825484	153.658	0.319	32.26728	-87.7809
36749	1089	508	1.6E+08	1372480	61.91	0.53	32.53996	-86.8595
36750	2901	1306	2.96E+08	1043435	114.346	0.403	32.78962	-86.8494
36751	945	410	2.43E+08	4148418	93.785	1.602	31.8243	-87.5457
36752	1644	922	3.87E+08	14908178	149.46	5.756	32.29867	-86.632
36753	85	45	31727539	28298	12.25	0.011	31.80524	-87.0747
36754	344	210	1.04E+08	0	40.188	0	32.15406	-87.7009
36756	6165	2671	1.07E+09	8253730	414.201	3.187	32.69482	-87.2851
36758	1412	683	2.26E+08	1297924	87.406	0.501	32.63876	-86.89
36759	1501	798	4.96E+08	2802371	191.674	1.082	32.41675	-87.2776

36761	1161	632	6.67E+08	4700181	257.451	1.815	32.10617	-86.978
36763	139	84	52237385	1844815	20.169	0.712	32.27681	-87.9809
36765	1294	565	1.9E+08	1546477	73.528	0.597	32.58817	-87.5222
36766	25	25	20196275	0	7.798	0	31.95512	-87.0867
36767	2012	1001	3.05E+08	5661053	117.784	2.186	32.25929	-87.1911
36768	1096	648	6.24E+08	682831	241.015	0.264	31.91263	-87.0197
36769	3014	1300	3.79E+08	4191916	146.514	1.619	32.00786	-87.5474
36773	512	263	2.52E+08	4046042	97.363	1.562	32.25894	-87.3575
36775	800	433	2.4E+08	3747209	92.811	1.447	32.17509	-86.9796
36776	1489	732	2.11E+08	6291926	81.282	2.429	32.73602	-87.7411
36782	2405	1251	5.24E+08	1535852	202.379	0.593	32.13091	-87.9119
36783	945	549	3.05E+08	265077	117.584	0.102	32.24776	-87.5978
36784	7754	3640	7.01E+08	1606384	270.753	0.62	31.92693	-87.7879
36785	1165	561	3.27E+08	3973275	126.34	1.534	32.26052	-86.8458
36786	3365	1520	3.57E+08	1085543	137.686	0.419	32.43126	-87.4793
36790	139	68	13043967	11028	5.036	0.004	32.7336	-86.8936
36792	1169	520	1.46E+08	244568	56.264	0.094	32.93243	-86.9064
36793	568	323	1.96E+08	342022	75.726	0.132	32.82161	-87.0275
36801	22214	9989	1.85E+08	2426820	71.586	0.937	32.69476	-85.3956
36804	16861	6968	5E+08	2564159	193.056	0.99	32.53224	-85.3441
36830	33201	15869	2.58E+08	2831387	99.735	1.093	32.53889	-85.4927
36832	22071	11729	1.84E+08	1381775	70.865	0.534	32.59118	-85.5867
36849	3150	1	1003514	0	0.387	0	32.60242	-85.4873
36850	2630	1410	3.83E+08	1368253	147.726	0.528	32.78323	-85.6586
36852	2129	913	91013148	96179	35.14	0.037	32.75831	-85.294
36853	8269	5982	4.7E+08	48440412	181.446	18.703	32.81435	-85.7686
36854	14576	7468	1.52E+08	5987622	58.871	2.312	32.75161	-85.1895
36855	1551	844	1.87E+08	5928526	72.055	2.289	33.02891	-85.3082
36856	3719	1511	85751945	1662958	33.109	0.642	32.2745	-84.9978
36858	441	255	1.41E+08	760200	54.417	0.294	32.32827	-85.3304
36859	34	15	13652154	48472	5.271	0.019	32.2351	-85.011
36860	1580	897	3.94E+08	906381	152.206	0.35	32.25348	-85.4191
36861	3264	2032	1.28E+08	28172317	49.314	10.877	32.89088	-85.8506
36862	6623	3061	6.21E+08	2455686	239.66	0.948	32.90397	-85.4552
36863	11672	5793	2.28E+08	5526651	87.919	2.134	32.88949	-85.2638
36865	23	21	261055	1046	0.101	0	32.60262	-85.5893
36866	3955	1858	2.31E+08	1555578	89.068	0.601	32.56531	-85.7121
36867	22210	10481	33649337	460167	12.992	0.178	32.49532	-85.0246
36869	18751	8372	1.94E+08	1351112	74.778	0.522	32.42138	-85.065
36870	18783	7561	62909349	279097	24.289	0.108	32.48288	-85.1203
36871	1277	719	3.82E+08	1564644	147.388	0.604	32.17871	-85.1572
36874	7901	3501	2.89E+08	4475648	111.392	1.728	32.56425	-85.1985
36875	4622	2069	3.63E+08	1596389	140.215	0.616	32.33684	-85.1666
36877	11414	4752	1.07E+08	1719840	41.235	0.664	32.57503	-85.0994
36879	2114	954	2.28E+08	562038	88.011	0.217	32.72757	-85.5584
36901	329	174	27909225	58416	10.776	0.023	32.42572	-88.1579
36904	4098	2064	5.88E+08	2514735	226.936	0.971	32.10059	-88.2608

36907	1930	996	3.23E+08	352811	124.652	0.136	32.42638	-88.3467
36908	2417	1188	3.4E+08	2371849	131.249	0.916	31.86925	-88.3915
36910	35	18	14617805	0	5.644	0	32.2046	-88.147
36912	2017	1133	3.62E+08	336249	139.93	0.13	32.23041	-88.3026
36913	53	29	24106870	0	9.308	0	31.96096	-88.4471
36915	627	326	96228660	0	37.154	0	31.95509	-88.3587
36916	709	455	77094314	1816345	29.766	0.701	32.20984	-88.0599
36919	2143	1098	4.18E+08	5717932	161.298	2.208	31.76905	-88.2829
36921	1035	558	2.59E+08	4247746	100.077	1.64	31.93843	-88.1828
36922	656	400	2.78E+08	2190633	107.17	0.846	32.30034	-88.142
36925	3115	1581	3.52E+08	2368086	136.053	0.914	32.43225	-88.1836
37010	4679	1714	2E+08	173876	77.332	0.067	36.57511	-87.1012
37012	2292	1032	90132588	0	34.8	0	36.07383	-86.0016
37013	78406	32773	1.04E+08	13494098	40.187	5.21	36.05224	-86.6325
37014	1855	735	63808534	84810	24.637	0.033	35.87523	-86.633
37015	17184	7133	3.98E+08	8690089	153.658	3.355	36.2794	-87.0756
37016	793	372	70943434	0	27.391	0	35.95745	-86.1002
37018	2259	1332	1.2E+08	289888	46.24	0.112	35.63068	-86.2113
37019	694	316	43391047	0	16.753	0	35.39228	-86.7098
37020	5036	1981	2.49E+08	25724	96.235	0.01	35.63439	-86.4071
37022	5469	2288	2.21E+08	15150	85.381	0.006	36.51458	-86.317
37023	1811	716	46606600	16432	17.995	0.006	36.59246	-87.7827
37025	6226	2609	1.56E+08	0	60.385	0	35.94873	-87.3078
37026	2201	915	1.25E+08	0	48.241	0	35.6965	-86.1057
37027	49035	18277	1.43E+08	130383	55.066	0.05	35.99929	-86.7851
37028	676	419	41773002	5963041	16.129	2.302	36.62754	-87.863
37029	5628	2263	1.27E+08	495478	49.058	0.191	36.04255	-87.2646
37030	6982	3177	1.64E+08	12497853	63.434	4.825	36.27154	-85.9421
37031	3712	1531	1.04E+08	6311985	40.118	2.437	36.36615	-86.2927
37032	4493	1728	2.09E+08	0	80.706	0	36.52421	-87.0172
37033	7805	3591	6.55E+08	23178	252.809	0.009	35.74462	-87.5578
37034	6591	2615	1.86E+08	455532	71.623	0.176	35.64062	-86.691
37035	3766	1416	78014660	1428907	30.122	0.552	36.38388	-87.1248
37036	5862	2437	2.52E+08	2941258	97.34	1.136	36.23331	-87.2622
37037	6312	2366	1.92E+08	93356	74.126	0.036	35.70308	-86.3512
37040	44924	18449	2.39E+08	3997542	92.408	1.543	36.52263	-87.3349
37042	66916	27232	1.58E+08	1243779	60.982	0.48	36.56875	-87.4163
37043	39945	17197	2.91E+08	2172418	112.186	0.839	36.49093	-87.2405
37046	3665	1507	1.81E+08	30374	69.906	0.012	35.78188	-86.7007
37047	2345	1014	1.58E+08	0	60.845	0	35.3173	-86.8358
37048	6030	2374	1.14E+08	0	44.014	0	36.49132	-86.5959
37049	3244	1261	68446591	1041	26.427	0	36.55706	-86.6731
37050	1699	839	1.31E+08	4703559	50.724	1.816	36.37434	-87.631
37051	3677	1524	2.03E+08	0	78.359	0	36.30429	-87.4102
37052	2656	1096	97462998	0	37.631	0	36.37882	-87.4018
37055	27024	11508	5.26E+08	597347	203.059	0.231	36.07715	-87.4429
37057	834	383	79679695	307873	30.765	0.119	36.41811	-86.0299

37058	7081	3806	4.65E+08	30591516	179.453	11.811	36.44434	-87.8767
37059	1552	693	68520575	234199	26.456	0.09	35.98105	-85.8983
37060	2230	942	99472428	0	38.407	0	35.74547	-86.6378
37061	5153	2278	2.49E+08	14199	96.239	0.005	36.28771	-87.6351
37062	10745	4156	1.77E+08	217853	68.162	0.084	35.99088	-87.1359
37064	48118	18832	4.62E+08	704589	178.546	0.272	35.88486	-86.9541
37066	42758	18064	2.97E+08	15606539	114.557	6.026	36.39876	-86.4555
37067	23652	10140	81219485	49446	31.359	0.019	35.91222	-86.7803
37069	18899	6709	95767848	1539142	36.976	0.594	35.98749	-86.9036
37072	30215	13119	2.02E+08	554492	77.877	0.214	36.35214	-86.7467
37073	13350	5178	1.31E+08	126699	50.723	0.049	36.43243	-86.8166
37074	6965	3034	2.65E+08	4645766	102.252	1.794	36.42644	-86.1527
37075	59256	24414	1.54E+08	14552682	59.374	5.619	36.33997	-86.6079
37076	35230	16694	70737217	16451238	27.312	6.352	36.14929	-86.5768
37078	674	387	2.46E+08	98763	95.091	0.038	35.9126	-87.7445
37079	2578	1146	1.99E+08	5801549	76.892	2.24	36.47856	-87.6587
37080	7384	3152	1.27E+08	337290	48.951	0.13	36.33276	-86.9169
37082	6107	2456	1.13E+08	794729	43.457	0.307	36.09487	-87.1153
37083	13909	6163	3.8E+08	106558	146.74	0.041	36.53535	-86.011
37085	4035	1550	1.46E+08	0	56.215	0	35.95482	-86.2805
37086	31513	11274	67586566	490347	26.095	0.189	36.02223	-86.5594
37087	41132	16949	4.3E+08	18293703	166.077	7.063	36.26332	-86.2689
37090	12922	5246	4.22E+08	167159	162.935	0.065	36.11174	-86.2992
37091	21005	9157	5.36E+08	1843517	207.107	0.712	35.48924	-86.7675
37095	1854	906	1.9E+08	204424	73.444	0.079	35.98245	-85.9703
37096	5503	3193	7.68E+08	13874707	296.499	5.357	35.61281	-87.8703
37097	2294	1324	2.78E+08	4367011	107.466	1.686	35.77987	-87.8235
37098	5382	2245	1.56E+08	23700	60.094	0.009	35.87238	-87.3194
37101	6422	2851	5.19E+08	72949	200.222	0.028	36.06024	-87.6291
37110	32495	14618	9.57E+08	778448	369.638	0.301	35.64521	-85.7411
37115	37316	17619	55138051	1625361	21.289	0.628	36.25385	-86.6955
37118	1264	536	88166287	0	34.041	0	35.93024	-86.1902
37122	46463	17942	2.9E+08	17159798	111.939	6.625	36.18264	-86.4807
37127	15786	6122	1.26E+08	0	48.503	0	35.7813	-86.3275
37128	38966	15599	1.4E+08	169332	54.026	0.065	35.78418	-86.4894
37129	49103	19086	2.11E+08	2883506	81.636	1.113	35.93253	-86.4426
37130	52070	23028	1.36E+08	206471	52.32	0.08	35.88492	-86.3172
37132	2776	1	1315283	0	0.508	0	35.84927	-86.3643
37134	3061	1401	1.01E+08	26643556	39.068	10.287	35.99236	-87.948
37135	9681	3314	96986380	4241	37.447	0.002	35.9158	-86.6766
37137	2725	1232	2.18E+08	249210	84.337	0.096	35.88416	-87.5054
37138	22191	9482	45964613	8668861	17.747	3.347	36.24401	-86.6094
37140	1365	79	67439662	0	26.039	0	35.85918	-87.6525
37141	1224	481	55119316	0	21.282	0	36.61492	-86.7019
37142	1902	690	94741237	1675505	36.58	0.647	36.41089	-87.5097
37143	3818	1553	72199098	0	27.876	0	36.12773	-87.0312
37144	3344	1522	3.38E+08	0	130.314	0	35.30522	-86.6604

37145	2157	1010	1.82E+08	171678	70.096	0.066	36.37736	-85.9065
37146	7182	2607	78213484	22634	30.198	0.009	36.40207	-87.032
37148	22320	8926	3.54E+08	471923	136.667	0.182	36.56664	-86.4952
37149	2210	965	1.69E+08	0	65.126	0	35.804	-86.1927
37150	4894	2227	2.77E+08	173235	106.927	0.067	36.54148	-85.8104
37151	565	248	46534798	1912685	17.967	0.738	36.3092	-86.043
37153	5520	2047	1.49E+08	0	57.563	0	35.76381	-86.5541
37160	32744	13326	5.95E+08	1466989	229.632	0.566	35.45576	-86.4846
37165	70	34	549826	0	0.212	0	36.2927	-87.4709
37166	13446	6390	4.01E+08	29702644	154.762	11.468	35.91798	-85.7869
37167	49322	19076	1.49E+08	3935639	57.542	1.52	35.95954	-86.5316
37171	917	396	55976255	267626	21.613	0.103	36.36131	-87.2956
37172	28714	11603	4.69E+08	232364	181.018	0.09	36.53242	-86.8622
37174	26418	9986	1.78E+08	219654	68.598	0.085	35.71983	-86.8984
37175	1015	916	1.99E+08	18232465	76.994	7.04	36.32469	-87.8891
37178	2112	941	1.17E+08	17863	45.289	0.007	36.32389	-87.7905
37179	11767	4140	1.38E+08	22073	53.426	0.009	35.81141	-86.9245
37180	3033	1164	82032117	502287	31.673	0.194	35.60647	-86.5867
37181	1534	649	1.22E+08	22506	46.979	0.009	36.24455	-87.4691
37183	3229	1393	2.06E+08	265213	79.544	0.102	35.49448	-86.3032
37184	5844	2432	3.03E+08	0	116.981	0	36.08242	-86.1441
37185	8638	4391	5.99E+08	39805503	231.281	15.369	36.06424	-87.8577
37186	9184	3871	2.72E+08	147571	105.154	0.057	36.59674	-86.2217
37187	6829	2835	1.86E+08	214354	71.925	0.083	36.14415	-87.1979
37188	13643	5087	77913750	0	30.083	0	36.48027	-86.6813
37189	3320	1377	66264539	37628	25.585	0.015	36.29888	-86.8348
37190	8787	3863	3.8E+08	156872	146.582	0.061	35.81654	-86.0212
37191	4020	1660	1.08E+08	1010618	41.52	0.39	36.49408	-87.5297
37201	2137	944	790274	160327	0.305	0.062	36.166	-86.7773
37203	11883	6791	10866089	8826	4.195	0.003	36.14961	-86.7906
37204	12031	5683	19164623	0	7.4	0	36.10674	-86.7743
37205	24057	12344	37635233	430	14.531	0	36.1132	-86.8704
37206	25699	11912	20005992	487982	7.724	0.188	36.17932	-86.7311
37207	34880	14493	49189283	408173	18.992	0.158	36.23377	-86.776
37208	16067	7500	11957261	403271	4.617	0.156	36.17771	-86.808
37209	35457	15648	94099588	2839605	36.332	1.096	36.1854	-86.9486
37210	16067	7073	23936701	400226	9.242	0.155	36.14927	-86.733
37211	74755	31732	55347762	0	21.37	0	36.06723	-86.7237
37212	20148	7794	7183416	0	2.774	0	36.13388	-86.8013
37213	218	84	1875556	335591	0.724	0.13	36.16616	-86.7675
37214	28973	14313	64926460	4684319	25.068	1.809	36.16219	-86.6709
37215	21190	10824	40431399	0	15.611	0	36.08187	-86.8347
37216	17848	8507	17532181	254150	6.769	0.098	36.21658	-86.7268
37217	29599	13498	37512785	3790637	14.484	1.464	36.10831	-86.6564
37218	14855	5640	1.02E+08	3699017	39.438	1.428	36.1641	-86.8894
37219	1162	1111	548331	0	0.212	0	36.16681	-86.7832
37220	5786	2519	19237175	318341	7.428	0.123	36.06845	-86.7931

37221	36610	17249	1.34E+08	281508	51.827	0.109	36.05129	-86.9688
37228	1160	625	3810327	459849	1.471	0.178	36.19629	-86.8036
37240	754	0	42119	0	0.016	0	36.14489	-86.8055
37243	0	0	40241	0	0.016	0	36.16501	-86.7821
37246	0	0	61645	0	0.024	0	36.15986	-86.7914
37301	1429	661	1.4E+08	450430	53.978	0.174	35.41591	-85.7935
37302	3730	1456	42484084	14059	16.403	0.005	35.00833	-85.0198
37303	25461	11380	3.86E+08	30417	149.191	0.012	35.44246	-84.6401
37305	889	448	51452120	0	19.866	0	35.46519	-85.6942
37306	2760	1181	3.08E+08	175780	118.832	0.068	35.09657	-86.1918
37307	4870	2174	1.34E+08	2468863	51.725	0.953	35.17423	-84.6213
37308	2772	1219	94939374	16092659	36.656	6.213	35.34264	-84.9938
37309	2138	918	98350716	4872877	37.973	1.881	35.30191	-84.7415
37310	4135	1720	1.09E+08	4693513	42.181	1.812	35.22461	-84.7172
37311	27373	11814	1.4E+08	38388	53.917	0.015	35.11313	-84.9282
37312	30962	13128	1.55E+08	30409	59.817	0.012	35.23246	-84.8798
37313	1731	767	87882473	807597	33.932	0.312	35.35771	-85.7128
37315	1556	47	297334	0	0.115	0	35.04826	-85.0516
37317	2403	1335	1.95E+08	3902561	75.364	1.507	35.031	-84.4431
37318	1978	958	30981469	0	11.962	0	35.17792	-85.9928
37321	19113	8017	2.93E+08	15409074	112.946	5.949	35.5021	-85.008
37322	8239	3692	3.43E+08	17032105	132.594	6.576	35.5034	-84.8239
37323	30439	12188	3.09E+08	285561	119.467	0.11	35.09618	-84.8165
37324	5322	2395	1.87E+08	470746	72.04	0.182	35.23937	-85.9912
37325	1845	811	71831402	808369	27.734	0.312	35.25136	-84.5917
37326	467	208	5027627	0	1.941	0	35.04	-84.385
37327	11174	5016	5.24E+08	429227	202.192	0.166	35.42347	-85.4148
37328	1364	611	77763108	38415	30.025	0.015	35.03694	-86.3574
37329	5588	2520	1.5E+08	0	57.913	0	35.39436	-84.461
37330	6784	3280	93259604	15829731	36.008	6.112	35.27954	-86.1306
37331	7656	3702	1.08E+08	55079	41.549	0.021	35.31931	-84.5298
37332	2609	1098	1.69E+08	571967	65.153	0.221	35.5987	-84.9719
37333	534	233	29692808	0	11.464	0	35.15375	-84.3353
37334	21700	9932	6.59E+08	423409	254.485	0.163	35.16645	-86.5809
37335	2778	1197	1.21E+08	75733	46.768	0.029	35.0689	-86.404
37336	4202	1803	1.12E+08	6981022	43.409	2.695	35.30887	-84.9315
37337	1470	740	1.63E+08	145157	62.92	0.056	35.78706	-84.8507
37338	3093	1406	1.95E+08	199083	75.315	0.077	35.4273	-85.2169
37339	2018	850	90883341	0	35.09	0	35.37996	-85.6342
37340	607	324	32178895	3548847	12.424	1.37	35.03406	-85.5175
37341	12085	4928	81267873	27075377	31.378	10.454	35.22436	-85.078
37342	3593	1489	2E+08	151483	77.117	0.058	35.39197	-85.948
37343	40042	17235	1.09E+08	10475166	42.047	4.044	35.16667	-85.2123
37345	2311	1016	1.49E+08	307	57.429	0	35.01675	-86.203
37347	7559	3443	1.26E+08	14306427	48.585	5.524	35.06135	-85.62
37348	1131	575	93234385	318007	35.998	0.123	35.13162	-86.4341
37350	1866	827	3755576	0	1.45	0	34.99392	-85.3502

37351	390	205	1185510	204905	0.458	0.079	35.10029	-85.2604
37352	3268	1544	1.28E+08	2309040	49.579	0.892	35.27752	-86.353
37353	4513	1855	95303675	13440	36.797	0.005	35.11501	-84.9891
37354	16483	7385	2.99E+08	1585846	115.337	0.612	35.50645	-84.3482
37355	25596	10893	5.63E+08	7606489	217.34	2.937	35.49977	-86.0839
37356	2486	1455	62577226	116747	24.161	0.045	35.22959	-85.8234
37357	5512	2357	3.64E+08	77359	140.506	0.03	35.58529	-85.9173
37359	783	405	93640108	0	36.155	0	35.2042	-86.4129
37360	1732	759	72294909	3986298	27.913	1.539	35.4376	-86.2543
37361	1478	693	47601858	2914271	18.379	1.125	35.10125	-84.6866
37362	3395	1464	1.97E+08	44064	75.966	0.017	35.03138	-84.6808
37363	32244	12872	1.9E+08	1730221	73.5	0.668	35.11569	-85.0638
37365	1314	567	1.17E+08	14265	45.293	0.006	35.38253	-85.5597
37366	828	399	1.16E+08	115285	44.778	0.045	35.33887	-85.83
37367	10247	4443	8.01E+08	1054973	309.417	0.407	35.62498	-85.2362
37369	956	571	2.87E+08	3995872	110.638	1.543	35.19062	-84.4797
37370	4652	1924	1.63E+08	496985	63.123	0.192	35.3567	-84.6992
37373	3074	1377	1.07E+08	6419874	41.417	2.479	35.40746	-85.0928
37374	2047	903	2.09E+08	34929	80.73	0.013	35.16841	-85.6466
37375	3711	1305	1.7E+08	693044	65.647	0.268	35.15064	-85.8909
37376	418	221	2.17E+08	0	83.721	0	35.04777	-85.9558
37377	15310	6352	1.93E+08	168919	74.615	0.065	35.20492	-85.335
37379	26835	11330	2.74E+08	18772610	105.65	7.248	35.29518	-85.1771
37380	6289	2858	3.39E+08	7423974	130.932	2.866	35.07094	-85.7546
37381	8855	4779	3.6E+08	38482384	139.186	14.858	35.68718	-84.877
37385	8131	4195	6.37E+08	842622	245.832	0.325	35.33316	-84.237
37387	3323	1514	95033167	128210	36.693	0.05	35.27329	-85.7466
37388	24494	11097	2.4E+08	10624720	92.621	4.102	35.34367	-86.2213
37391	1598	818	66503835	930138	25.677	0.359	35.09324	-84.354
37394	105	46	299437	0	0.116	0	35.5394	-85.86
37396	257	120	10109609	0	3.903	0	35.0058	-85.4997
37397	10127	4507	4.23E+08	5999876	163.138	2.317	35.22223	-85.5163
37398	14347	6934	2.72E+08	30349392	105.048	11.718	35.18121	-86.1384
37402	3917	2349	3959072	928887	1.529	0.359	35.04372	-85.3179
37403	5811	1673	4434309	377040	1.712	0.146	35.04802	-85.2943
37404	13327	5988	12763286	0	4.928	0	35.02791	-85.2737
37405	14597	7932	1.44E+08	3888966	55.581	1.502	35.1204	-85.4078
37406	14627	6842	31786261	1586600	12.273	0.613	35.07313	-85.2456
37407	8932	3794	9063152	100313	3.499	0.039	35.00194	-85.2897
37408	1486	807	4962306	0	1.916	0	35.02863	-85.3085
37409	2851	1435	11331787	28010	4.375	0.011	35.01375	-85.3353
37410	3886	1801	7633919	30874	2.947	0.012	35.0019	-85.3142
37411	17587	8490	22457143	0	8.671	0	35.02876	-85.2262
37412	20951	10366	22626820	0	8.736	0	34.99753	-85.2274
37415	23873	12490	47100132	2054811	18.185	0.793	35.12473	-85.2812
37416	14486	6679	29434616	7835578	11.365	3.025	35.1014	-85.1768
37419	6100	2975	1.16E+08	7842079	44.658	3.028	35.03979	-85.4041

37421	46228	20747	78694056	13409	30.384	0.005	35.03164	-85.1476
37601	36182	17829	1.2E+08	2490714	46.17	0.962	36.33049	-82.3176
37604	34245	17350	87483857	0	33.778	0	36.29958	-82.3832
37614	2107	0	813559	0	0.314	0	36.30139	-82.3712
37615	19560	9155	94212723	3447394	36.376	1.331	36.40241	-82.4572
37616	4874	2275	1.16E+08	135990	44.828	0.053	36.22847	-82.7468
37617	14251	6130	1.53E+08	1925998	58.886	0.744	36.52458	-82.3656
37618	12747	5889	1.79E+08	1954118	68.943	0.754	36.46034	-82.2087
37620	39102	18469	3.3E+08	24726432	127.374	9.547	36.5496	-82.0941
37640	3743	2455	2.74E+08	19770031	105.644	7.633	36.32682	-81.9747
37641	8567	3890	2.37E+08	136102	91.421	0.053	36.19637	-82.6673
37642	14947	6965	1.51E+08	2761886	58.367	1.066	36.53099	-82.7268
37643	33689	15739	3.33E+08	1370233	128.608	0.529	36.37735	-82.1371
37645	5145	2236	15527534	0	5.995	0	36.56215	-82.6622
37650	12750	6056	2.57E+08	1335458	99.047	0.516	36.09502	-82.4506
37656	3677	1741	79970376	0	30.877	0	36.3988	-82.6299
37657	972	606	95966587	0	37.053	0	36.01762	-82.5601
37658	4386	2272	1.46E+08	5896088	56.333	2.276	36.24971	-82.1181
37659	27585	11938	3.34E+08	1058203	128.788	0.409	36.28014	-82.4912
37660	40038	19753	1.72E+08	2282649	66.222	0.881	36.52673	-82.5717
37663	14617	6399	69085788	3199124	26.674	1.235	36.46149	-82.4888
37664	26880	12570	84533318	957238	32.638	0.37	36.52043	-82.499
37665	5589	2755	8049106	0	3.108	0	36.57878	-82.5706
37680	766	406	69362889	0	26.781	0	36.57928	-81.7254
37681	6121	2756	1.74E+08	865219	67.15	0.334	36.26168	-82.6177
37682	667	69	448062	0	0.173	0	36.30099	-82.2909
37683	13021	5833	3.52E+08	0	135.907	0	36.45474	-81.822
37686	7072	3414	76467241	8061258	29.524	3.112	36.44021	-82.3488
37687	5038	2674	2.18E+08	272770	84.323	0.105	36.17902	-82.0926
37688	1018	595	1.4E+08	0	54.146	0	36.54544	-81.8829
37690	4122	1786	59863792	205661	23.114	0.079	36.25012	-82.5576
37691	894	520	40430976	0	15.61	0	36.37167	-81.7567
37692	4770	2262	1.36E+08	0	52.655	0	36.18982	-82.3008
37694	1955	922	33701041	300023	13.012	0.116	36.3878	-82.2767
37701	6817	3297	27309005	28530	10.544	0.011	35.79274	-83.9861
37705	4559	2109	1.13E+08	11464195	43.516	4.426	36.22867	-84.0087
37708	6563	3303	1.09E+08	27928074	42.251	10.783	36.33052	-83.3163
37709	3732	1625	1.13E+08	1485320	43.821	0.573	36.163	-83.6646
37710	1141	561	2.12E+08	0	81.742	0	36.15863	-84.3161
37711	5044	2315	1.42E+08	21434	54.868	0.008	36.28133	-83.0454
37713	1488	753	84425591	1089726	32.597	0.421	36.08145	-83.1343
37714	4547	2196	2.05E+08	2537989	79.088	0.98	36.26152	-84.3044
37715	1000	431	69360846	0	26.78	0	36.55423	-83.9605
37716	25749	11459	2.18E+08	6143180	84.255	2.372	36.09712	-84.1752
37719	168	77	1722867	0	0.665	0	36.02242	-84.4294
37721	12733	5407	1.28E+08	30099	49.28	0.012	36.11842	-83.8126
37722	6060	3464	2.37E+08	22036	91.472	0.009	35.81483	-83.2027

37723	944	535	1.42E+08	48210	54.854	0.019	35.96582	-84.8176
37724	2874	1337	58863445	39921	22.727	0.015	36.55082	-83.7064
37725	16919	8440	2.45E+08	50151857	94.762	19.364	35.99611	-83.3993
37726	2037	1027	2.53E+08	98121	97.675	0.038	36.20418	-84.8305
37727	2043	1192	2.92E+08	2276606	112.627	0.879	35.88694	-83.0215
37729	1456	656	1.29E+08	0	49.981	0	36.51665	-84.0344
37730	59	22	637387	0	0.246	0	36.54738	-83.9755
37731	711	518	1.24E+08	1243878	48.034	0.48	36.54867	-83.0091
37732	139	71	1813622	0	0.7	0	36.32704	-84.6064
37733	64	56	11539491	0	4.455	0	36.35408	-84.7112
37737	5785	2482	68230112	3404665	26.344	1.315	35.76036	-84.1201
37738	5288	8352	5.44E+08	0	210.005	0	35.67025	-83.4749
37742	5837	2482	1.29E+08	7586165	49.73	2.929	35.67585	-84.1792
37743	25588	11932	5.71E+08	3701506	220.467	1.429	36.06891	-82.8563
37745	18401	8696	3.02E+08	116567	116.47	0.045	36.27803	-82.8206
37748	17857	8452	2.65E+08	14662500	102.239	5.661	35.94561	-84.5163
37752	6516	2692	1.34E+08	14151	51.566	0.005	36.55321	-83.5451
37753	814	432	77864160	0	30.064	0	35.82309	-83.1003
37754	4729	1998	98065200	145391	37.863	0.056	36.13919	-84.0298
37755	3688	1592	1.15E+08	110603	44.305	0.043	36.40239	-84.5267
37756	2810	1226	2.55E+08	0	98.642	0	36.30457	-84.4198
37757	9337	4205	72942123	8907166	28.163	3.439	36.29901	-84.1373
37760	12931	5397	1.04E+08	7381722	39.981	2.85	36.11106	-83.4582
37762	3126	1478	35444179	205034	13.685	0.079	36.5773	-84.1262
37763	15794	7428	2.36E+08	29532718	91.077	11.403	35.82023	-84.4923
37764	9258	4019	89802967	1365645	34.673	0.527	35.97036	-83.6162
37765	546	308	49930738	572065	19.278	0.221	36.57234	-83.0586
37766	18850	9678	3.97E+08	27706821	153.19	10.698	36.3997	-84.0808
37769	5990	2703	74686782	2703282	28.837	1.044	36.21867	-84.1535
37770	2646	1260	3.08E+08	0	118.998	0	36.15331	-84.6633
37771	15380	6589	1.26E+08	3314964	48.544	1.28	35.84067	-84.3215
37772	11146	4827	1.01E+08	15077307	39.069	5.821	35.79114	-84.2186
37774	18321	8702	2.26E+08	18541829	87.42	7.159	35.72913	-84.359
37777	11274	5535	85707355	10320028	33.092	3.985	35.82685	-84.0542
37779	3978	1665	98982584	0	38.217	0	36.21512	-83.7561
37801	25124	11064	1.8E+08	6156957	69.647	2.377	35.66392	-84.0946
37803	31668	13536	2.53E+08	533849	97.534	0.206	35.66084	-83.9814
37804	24682	10183	90142169	0	34.804	0	35.79206	-83.8932
37806	2868	1311	40402211	1312518	15.599	0.507	36.08469	-83.728
37807	9923	4534	2.05E+08	18098181	79.278	6.988	36.25966	-83.826
37809	2278	1069	85632054	355661	33.063	0.137	36.15839	-83.0411
37810	1928	901	86752934	253260	33.495	0.098	36.18458	-83.1155
37811	3215	1697	96831037	15449120	37.387	5.965	36.35552	-83.2098
37813	17444	7608	1.51E+08	914197	58.396	0.353	36.17514	-83.257
37814	33071	14232	1.15E+08	23388167	44.511	9.03	36.23324	-83.3374
37818	4998	2285	1.18E+08	544713	45.704	0.21	36.18879	-82.9711
37819	713	331	56658976	22869	21.876	0.009	36.56826	-84.2058

37820	7495	3193	1.69E+08	1651266	65.256	0.638	36.08517	-83.5661
37821	22608	10587	3.25E+08	18029264	125.631	6.961	35.97517	-83.1956
37825	8399	4113	2.25E+08	9558890	86.702	3.691	36.4071	-83.6958
37826	4361	1935	1.42E+08	0	54.955	0	35.55828	-84.5897
37828	1430	718	8388714	0	3.239	0	36.19793	-84.069
37829	1804	779	1.45E+08	526194	55.964	0.203	36.0102	-84.6377
37830	29700	14676	2.2E+08	12397869	84.766	4.787	35.96648	-84.2905
37840	10021	4425	2.21E+08	933	85.24	0	36.07039	-84.4092
37841	9605	4364	4.49E+08	1498411	173.275	0.579	36.51684	-84.5694
37843	3725	1749	1.35E+08	632884	51.943	0.244	36.0107	-83.0484
37845	494	249	2645156	0	1.021	0	36.09337	-84.4395
37846	5030	2090	1.92E+08	17318	74.109	0.007	35.67924	-84.4818
37847	2714	1169	3.42E+08	0	132.14	0	36.43417	-84.279
37848	246	131	17513194	0	6.762	0	36.23575	-83.6801
37849	25459	10450	1.02E+08	305655	39.404	0.118	36.05431	-84.046
37851	36	15	867359	561	0.335	0	36.58406	-83.9076
37852	2558	1197	2.11E+08	775679	81.349	0.299	36.32878	-84.59
37853	3815	1673	40224858	758863	15.531	0.293	35.83672	-83.9107
37854	13108	6244	3.55E+08	22047901	137.23	8.513	35.88374	-84.719
37857	21309	10074	6.13E+08	9094185	236.871	3.511	36.42429	-82.9414
37860	4113	1704	65960128	5261659	25.467	2.032	36.25118	-83.1853
37861	8340	4101	2.59E+08	21317270	99.947	8.231	36.24074	-83.5137
37862	20934	13184	2.18E+08	0	84.01	0	35.77801	-83.6126
37863	6569	5632	47571014	0	18.367	0	35.78596	-83.5622
37865	20912	8669	1.83E+08	226662	70.648	0.088	35.85034	-83.7346
37866	1699	999	1.37E+08	28583233	52.731	11.036	36.34207	-83.8566
37869	5031	2535	3.5E+08	820828	135.148	0.317	36.51475	-83.245
37870	4580	2423	2.16E+08	8977393	83.403	3.466	36.4629	-83.8338
37871	9134	3886	1.03E+08	2145758	39.756	0.828	36.05208	-83.681
37872	2041	974	2.48E+08	0	95.579	0	36.26953	-84.6495
37873	4073	1990	1.6E+08	1885366	61.628	0.728	36.52627	-82.843
37874	14979	6621	2.63E+08	228208	101.656	0.088	35.59833	-84.4565
37876	29246	16983	4.87E+08	42566502	187.862	16.435	35.86502	-83.4811
37877	8464	3614	66791954	6041594	25.789	2.333	36.15117	-83.4069
37878	514	490	97867455	3199660	37.787	1.235	35.62064	-83.894
37879	10634	5031	4.52E+08	8329563	174.334	3.216	36.47637	-83.4903
37880	3477	2069	1.84E+08	37499177	71.009	14.479	35.6857	-84.6779
37881	2291	1143	1.85E+08	2559072	71.298	0.988	36.40648	-83.3425
37882	2724	2456	4.14E+08	280621	159.82	0.108	35.60122	-83.8131
37885	5067	2656	4.36E+08	38518124	168.211	14.872	35.47643	-84.1323
37886	4418	2053	1.14E+08	0	43.871	0	35.74559	-83.8047
37887	7511	2237	2.38E+08	11094	91.968	0.004	36.09497	-84.5832
37888	2741	1248	1.41E+08	3505622	54.551	1.354	36.31017	-83.6083
37890	6668	3024	87965537	15233765	33.964	5.882	36.08528	-83.2989
37891	3626	1611	83291047	2828321	32.159	1.092	36.29207	-83.1381
37892	2007	897	1.95E+08	29566	75.43	0.011	36.5557	-84.3576
37902	1586	1136	1209202	61952	0.467	0.024	35.96364	-83.9206

37909	15168	7754	18118897	0	6.996	0	35.94757	-84.0214
37912	20673	10610	28081432	0	10.842	0	36.00755	-83.9849
37914	19663	9659	1.03E+08	3377214	39.834	1.304	35.98317	-83.7958
37915	5647	3002	4856416	223368	1.875	0.086	35.97081	-83.9004
37916	12507	3066	3860159	308927	1.49	0.119	35.95272	-83.9342
37917	24072	12807	25482056	0	9.839	0	36.00119	-83.9137
37918	42835	19014	90821020	6663	35.066	0.003	36.05612	-83.9169
37919	28194	14364	49069034	4495524	18.946	1.736	35.91475	-84.0002
37920	39087	18814	1.88E+08	8330234	72.498	3.216	35.90875	-83.8692
37921	28233	12639	39620719	18069	15.298	0.007	35.97977	-84.0022
37922	33180	12792	70454744	19228133	27.203	7.424	35.8605	-84.1005
37923	27457	13576	29050914	37152	11.217	0.014	35.9264	-84.0795
37924	11259	5118	71514195	546437	27.612	0.211	36.0279	-83.8033
37931	26109	10972	74286243	1451442	28.682	0.56	35.9764	-84.1254
37932	14527	6197	74542633	4375137	28.781	1.689	35.91733	-84.1988
37934	24107	9410	45291928	724369	17.487	0.28	35.85677	-84.1766
37938	17085	6906	83750915	0	32.336	0	36.12393	-83.9386
38001	4719	2074	1.76E+08	30454	67.801	0.012	35.81629	-89.16
38002	38927	13689	3.02E+08	1253257	116.416	0.484	35.28637	-89.7003
38004	9866	3384	68364435	88081	26.396	0.034	35.41173	-89.76
38006	5207	2238	2.62E+08	258677	100.978	0.1	35.69369	-89.0895
38007	91	50	5152203	0	1.989	0	36.15941	-89.427
38008	9721	4232	3.84E+08	978896	148.249	0.378	35.24646	-88.9972
38011	9908	3653	1.53E+08	135024	58.926	0.052	35.46218	-89.7117
38012	14575	6328	6.99E+08	1801495	270.049	0.696	35.61061	-89.2732
38015	2828	1166	1.12E+08	3307667	43.399	1.277	35.55694	-89.8234
38016	43079	18976	49483518	113362	19.106	0.044	35.18151	-89.7601
38017	48642	17736	2.19E+08	1691946	84.747	0.653	35.06697	-89.6489
38018	35059	14539	47811313	169846	18.46	0.066	35.13851	-89.76
38019	15601	6443	3.57E+08	370790	137.986	0.143	35.56237	-89.6289
38021	59	26	1363883	0	0.527	0	35.87585	-89.1648
38023	6146	2375	1.71E+08	23161845	65.954	8.943	35.46828	-89.9424
38024	27406	12003	3.66E+08	3082388	141.454	1.19	36.03554	-89.3808
38028	6883	2649	1.5E+08	531797	57.829	0.205	35.1831	-89.6322
38029	80	35	135610	0	0.052	0	35.23874	-89.8219
38030	977	441	3.35E+08	30546090	129.186	11.794	36.01814	-89.5836
38034	2998	1322	2.61E+08	103075	100.588	0.04	35.91141	-89.237
38036	478	197	1635483	0	0.631	0	35.32022	-89.6258
38037	1773	797	1.28E+08	2225	49.59	0.001	35.79736	-89.3989
38039	1804	761	1.7E+08	700134	65.517	0.27	35.06355	-89.1506
38040	5193	2371	2.82E+08	553142	108.851	0.214	35.89239	-89.4449
38041	5085	1343	2.6E+08	11914013	100.521	4.6	35.65977	-89.7043
38042	796	375	1.28E+08	73292	49.401	0.028	35.14516	-89.1374
38044	865	442	1.08E+08	87698	41.639	0.034	35.19933	-88.8095
38046	108	51	10590386	0	4.089	0	35.0699	-89.2479
38047	91	36	2495291	0	0.963	0	36.09053	-89.5034
38049	4984	1818	2.89E+08	185366	111.588	0.072	35.39033	-89.5382

38050	459	231	5105096	0	1.971	0	35.82963	-89.2331
38052	3907	1814	3.25E+08	2609305	125.564	1.007	35.09025	-88.9178
38053	27932	11262	4.57E+08	29522628	176.354	11.399	35.34622	-89.9515
38054	284	20	932363	0	0.36	0	35.33636	-89.8734
38057	3649	1478	2.72E+08	147911	104.835	0.057	35.05297	-89.3684
38058	10236	3887	68375057	152423	26.4	0.059	35.46135	-89.8193
38059	7663	3212	3.32E+08	275879	128.299	0.107	36.10569	-89.2488
38060	9496	3734	1.14E+08	218072	44.101	0.084	35.20935	-89.5055
38061	977	506	1.65E+08	999390	63.625	0.386	35.06704	-88.7669
38063	17403	7502	7.9E+08	79768764	305.105	30.799	35.76406	-89.6405
38066	2630	1098	1.59E+08	324455	61.276	0.125	35.06956	-89.5137
38067	1476	794	1.67E+08	1142066	64.535	0.441	35.08161	-89.0418
38068	10941	4529	7E+08	979164	270.393	0.378	35.26161	-89.343
38069	2376	1184	3.41E+08	328019	131.495	0.127	35.47846	-89.3291
38070	175	88	2704699	0	1.044	0	35.94356	-89.237
38075	6936	1529	3.46E+08	924878	133.507	0.357	35.38199	-89.1355
38076	847	357	61764370	89451	23.847	0.035	35.13871	-89.4421
38077	43	25	82633	0	0.032	0	36.32808	-89.4744
38079	5577	1616	2.74E+08	71420957	105.869	27.576	36.42775	-89.4625
38080	2568	1139	3.65E+08	28460091	140.845	10.989	36.20709	-89.5192
38103	12180	7281	6778611	3756958	2.617	1.451	35.15309	-90.055
38104	23409	14538	13204400	0	5.098	0	35.13255	-90.0037
38105	6184	3546	4402770	20044	1.7	0.008	35.15124	-90.0348
38106	27222	12782	67152076	4241315	25.928	1.638	35.10411	-90.0901
38107	17698	8793	13994958	202139	5.403	0.078	35.17017	-90.0234
38108	18729	8463	18140270	1514251	7.004	0.585	35.17667	-89.9679
38109	46594	18891	1.74E+08	7223119	67.313	2.789	35.04001	-90.1634
38111	41742	19832	25628563	26392	9.895	0.01	35.11052	-89.9435
38112	17472	8275	11646791	37057	4.497	0.014	35.14766	-89.9764
38114	26905	13320	19536938	0	7.543	0	35.09648	-89.9858
38115	39129	18726	22219159	21753	8.579	0.008	35.05333	-89.8628
38116	40404	18663	49238392	123528	19.011	0.048	35.03318	-90.0114
38117	26125	12403	24203282	0	9.345	0	35.11518	-89.9053
38118	41465	16508	80825172	161974	31.207	0.063	35.03263	-89.9325
38119	22330	10422	22890937	123214	8.838	0.048	35.07951	-89.8454
38120	14237	6796	24972357	47851	9.642	0.018	35.12363	-89.8526
38122	25270	11315	19532324	0	7.541	0	35.15893	-89.9212
38125	36150	14249	49423989	0	19.083	0	35.02591	-89.7886
38126	7334	3002	4712142	0	1.819	0	35.12698	-90.0437
38127	45248	18290	97335965	2058437	37.582	0.795	35.23836	-90.0196
38128	44863	18315	61207432	1094908	23.632	0.423	35.22457	-89.9267
38131	0	0	480154	0	0.185	0	35.06636	-89.9921
38132	7	2	1773754	0	0.685	0	35.07317	-89.9948
38133	20787	7732	32787276	0	12.659	0	35.2129	-89.7943
38134	41948	16045	48194361	29443	18.608	0.011	35.17497	-89.8599
38135	30657	11384	33123417	141686	12.789	0.055	35.23893	-89.8486
38138	24045	10447	30718918	0	11.861	0	35.08483	-89.7993

38139	16086	5648	22979393	178235	8.872	0.069	35.07966	-89.7551
38141	22462	7982	20210164	13318	7.803	0.005	35.01673	-89.8586
38152	834	0	139080	0	0.054	0	35.12365	-89.9314
38201	10093	4475	3.67E+08	616552	141.682	0.238	36.12377	-88.5302
38220	1849	880	1.01E+08	143042	39.047	0.055	35.99358	-88.6709
38221	3308	2043	2.81E+08	44921016	108.45	17.344	36.24475	-88.035
38222	2629	1620	1.83E+08	18587008	70.512	7.176	36.44554	-88.1579
38224	956	404	1.45E+08	449390	56.041	0.174	36.38702	-88.4922
38225	6283	2838	2.86E+08	1253284	110.335	0.484	36.3251	-88.6743
38226	345	170	60941272	19530	23.53	0.008	36.48388	-88.6866
38229	2931	1332	1.56E+08	102542	60.069	0.04	36.22313	-88.6064
38230	3736	1706	2.23E+08	300992	85.936	0.116	36.15523	-88.7759
38231	1664	758	1.37E+08	213358	52.837	0.082	36.21306	-88.4261
38232	1998	1062	1.32E+08	5604925	51.111	2.164	36.35305	-89.3326
38233	2852	1320	2.47E+08	912383	95.184	0.352	36.20344	-89.0491
38235	441	220	19557376	0	7.551	0	35.98938	-88.5639
38236	662	297	94591405	0	36.522	0	36.17192	-88.2725
38237	16627	7022	3.38E+08	645537	130.336	0.249	36.35792	-88.8379
38240	2259	1039	2.25E+08	479961	86.912	0.185	36.24509	-89.3181
38241	898	463	1.71E+08	43276	65.846	0.017	36.42777	-88.5918
38242	20151	9420	4.78E+08	2604583	184.495	1.006	36.30656	-88.3308
38251	2751	1306	2.31E+08	174273	89.265	0.067	36.45893	-88.3558
38253	1156	484	1.38E+08	2459048	53.327	0.949	36.29382	-89.0404
38254	85	37	1752803	0	0.677	0	36.3749	-89.3474
38255	2299	1080	1.22E+08	390330	47.017	0.151	36.23836	-88.8592
38256	3089	3071	1.52E+08	59786478	58.67	23.084	36.30865	-88.1314
38257	4397	2118	1.42E+08	128504	54.643	0.05	36.45648	-88.8771
38258	1500	725	70639697	56699	27.274	0.022	36.03279	-88.6193
38259	860	405	72297067	376294	27.914	0.145	36.19915	-89.1837
38260	3804	1613	1.7E+08	340938	65.732	0.132	36.36078	-89.2004
38261	16919	7731	4.83E+08	17818660	186.296	6.88	36.42886	-89.1135
38301	36613	15910	4.27E+08	617741	165.014	0.239	35.58816	-88.8534
38305	49808	20851	3.35E+08	2518509	129.371	0.972	35.70165	-88.7681
38310	6145	2763	2.95E+08	1367126	114.05	0.528	35.26174	-88.4086
38311	786	493	1.51E+08	7783775	58.437	3.005	35.4371	-88.1042
38313	3204	1374	1.88E+08	85514	72.704	0.033	35.60452	-88.6211
38315	3876	1750	2.89E+08	133137	111.51	0.051	35.26486	-88.6276
38316	2917	1305	1.65E+08	277559	63.785	0.107	36.06986	-88.8169
38317	2537	1201	93501470	100478	36.101	0.039	36.05794	-88.2638
38318	476	249	1.07E+08	100835	41.354	0.039	35.95051	-88.2581
38320	10686	5358	3.82E+08	13831823	147.589	5.34	36.05166	-88.1126
38321	2431	1167	2.47E+08	753747	95.402	0.291	35.8455	-88.5323
38326	2560	2364	1.38E+08	16366338	53.234	6.319	35.05465	-88.2862
38327	477	294	7963849	1638024	3.075	0.632	35.22441	-88.3086
38328	730	343	64696108	1654258	24.979	0.639	35.68054	-88.2157
38329	3220	2099	2.81E+08	7074926	108.311	2.732	35.53687	-88.1073
38330	4404	1900	1.8E+08	28660	69.643	0.011	36.0705	-89.0344

38332	1120	547	1.39E+08	0	53.792	0	35.41909	-88.4265
38333	523	405	63973979	28580518	24.7	11.035	36.12813	-87.9545
38334	1911	867	1.23E+08	78185	47.306	0.03	35.36107	-88.5715
38337	1366	618	70046590	0	27.045	0	35.78528	-89.014
38339	637	303	47859875	0	18.479	0	35.05227	-88.515
38340	12935	5117	4.61E+08	399698	177.818	0.154	35.40132	-88.6833
38341	2252	1308	3.56E+08	18395219	137.437	7.102	35.87758	-88.0839
38342	1438	704	89229151	45979	34.452	0.018	36.07174	-88.2889
38343	15619	7037	3.59E+08	562788	138.545	0.217	35.82753	-88.9261
38344	8684	3996	4.18E+08	295981	161.572	0.114	35.97816	-88.4241
38345	2089	926	1.3E+08	26227	50.002	0.01	35.59818	-88.5055
38347	270	123	10504317	0	4.056	0	35.47777	-88.4986
38348	1037	460	1.32E+08	60129	50.904	0.023	35.87274	-88.651
38351	17603	8110	5.46E+08	12947607	210.687	4.999	35.67088	-88.3995
38352	494	216	49452437	60522	19.094	0.023	35.52946	-88.5338
38355	5882	2263	97171449	102281	37.518	0.039	35.78401	-88.7751
38356	2193	982	1.87E+08	527869	72.131	0.204	35.43842	-88.8938
38357	2757	1294	1.6E+08	21874	61.584	0.008	35.04483	-88.4153
38358	12121	5378	2.14E+08	1242731	82.587	0.48	35.91668	-88.7587
38359	278	151	15121612	0	5.838	0	35.36985	-88.3514
38361	994	522	1.05E+08	2854454	40.59	1.102	35.31187	-88.2972
38362	1145	452	21582826	0	8.333	0	35.72907	-88.783
38363	6097	3123	2.37E+08	9904194	91.432	3.824	35.68748	-88.1122
38365	16	4	949208	222927	0.366	0.086	35.05425	-88.2321
38366	2267	965	1.19E+08	274606	46.101	0.106	35.479	-88.7413
38367	2843	1282	2.02E+08	136981	78.08	0.053	35.05213	-88.627
38368	1985	898	1.4E+08	35740	53.954	0.014	35.51091	-88.3481
38369	1887	877	1E+08	49836	38.764	0.019	36.13192	-88.9427
38370	670	533	50506476	720817	19.501	0.278	35.38343	-88.2451
38371	1235	648	1.11E+08	10352	42.685	0.004	35.42429	-88.2951
38372	17595	8459	8.24E+08	24898617	318.164	9.613	35.16558	-88.149
38374	2052	964	1.14E+08	0	44.03	0	35.50561	-88.2309
38375	9251	4212	2.97E+08	382337	114.515	0.148	35.1579	-88.5917
38376	233	119	10679828	18683	4.124	0.007	35.09921	-88.3687
38379	1171	548	76040268	0	29.359	0	35.16424	-88.4338
38380	574	626	1.06E+08	7106453	40.877	2.744	35.78989	-88.0329
38381	1640	738	1.43E+08	78187	55.301	0.03	35.3572	-88.9714
38382	9515	4305	4.5E+08	435055	173.74	0.168	35.96846	-88.9844
38387	375	183	90392855	353070	34.901	0.136	35.87292	-88.2775
38388	1840	872	1.94E+08	214867	75.029	0.083	35.78162	-88.3199
38390	907	415	69764011	0	26.936	0	35.84055	-88.3723
38391	1174	515	1.59E+08	51889	61.561	0.02	35.54657	-88.9922
38392	776	371	87679708	158622	33.853	0.061	35.46265	-89.0355
38401	54469	23943	7.79E+08	5608203	300.725	2.165	35.62916	-87.0215
38425	3724	1156	2.75E+08	7876536	106.37	3.041	35.41221	-87.943
38449	2811	1331	1.48E+08	157226	57.047	0.061	35.04044	-86.8182
38450	2778	1314	2.9E+08	14725	112.12	0.006	35.18362	-87.7927

38451	4814	1968	2.1E+08	36512	80.94	0.014	35.46053	-86.9922
38452	1091	506	1.38E+08	0	53.115	0	35.08035	-87.7963
38453	373	179	40479760	0	15.629	0	35.12136	-86.8121
38454	1208	548	1.58E+08	0	61.146	0	35.7232	-87.3521
38455	227	127	1385477	0	0.535	0	35.04354	-86.8857
38456	4559	1657	1.88E+08	0	72.55	0	35.33548	-87.2664
38457	808	372	70437925	0	27.196	0	35.02933	-87.2844
38459	453	223	54443348	0	21.021	0	35.19428	-86.8055
38460	1410	619	86398506	0	33.359	0	35.08866	-87.1532
38461	1379	600	1.81E+08	0	70.015	0	35.593	-87.342
38462	10297	4597	5.13E+08	613319	198.257	0.237	35.52823	-87.5629
38463	2817	1226	2.93E+08	233876	113.196	0.09	35.0706	-87.6451
38464	22293	10036	7.24E+08	1842807	279.393	0.712	35.29079	-87.4337
38468	5201	2254	2.55E+08	43321	98.521	0.017	35.13515	-87.2911
38469	4092	1783	1.75E+08	62909	67.708	0.024	35.07467	-87.4286
38471	530	282	1.87E+08	147081	72.245	0.057	35.0839	-87.9324
38472	2656	1193	2.57E+08	0	99.366	0	35.37761	-87.0385
38473	1061	501	65719360	1995	25.374	0.001	35.02125	-87.1717
38474	7802	3453	2.81E+08	395869	108.488	0.153	35.51797	-87.2262
38475	635	305	1.63E+08	0	62.823	0	35.25348	-88.0161
38476	1228	534	1.08E+08	0	41.712	0	35.84119	-87.2138
38477	2766	1304	2.44E+08	193785	94.03	0.075	35.06492	-86.9931
38478	17733	8369	6.77E+08	287506	261.227	0.111	35.2329	-87.0059
38481	896	458	30219597	0	11.668	0	35.03127	-87.4923
38482	1535	669	1.11E+08	11041	42.947	0.004	35.76884	-87.1499
38483	5663	2296	2.53E+08	527105	97.575	0.204	35.44077	-87.3337
38485	6502	3115	7.01E+08	39991	270.82	0.015	35.36198	-87.773
38486	967	466	1.85E+08	0	71.474	0	35.17057	-87.5451
38487	1057	453	1.26E+08	93912	48.743	0.036	35.71843	-87.2334
38488	2524	1089	1.52E+08	134802	58.843	0.052	35.04196	-86.6709
38501	36687	17203	2.31E+08	461375	89.127	0.178	36.22605	-85.5333
38504	901	474	1.24E+08	0	47.731	0	36.39557	-84.7247
38505	1806	0	344150	0	0.133	0	36.17506	-85.5051
38506	26521	11306	4.21E+08	389510	162.441	0.15	36.18711	-85.4333
38541	1613	860	1.32E+08	23777563	51.014	9.181	36.53802	-85.3356
38542	22	22	8002521	0	3.09	0	36.31713	-85.2022
38543	560	338	1.23E+08	604232	47.363	0.233	36.34667	-85.1505
38544	6543	3149	2.15E+08	7637852	82.912	2.949	36.12359	-85.6631
38545	1474	646	63929976	0	24.684	0	36.23209	-85.6628
38547	1975	829	84893560	119487	32.778	0.046	36.15556	-86.0068
38548	731	362	69682597	313053	26.905	0.121	36.16415	-85.7905
38549	3679	2471	1.91E+08	18379234	73.586	7.096	36.56213	-85.1491
38551	4106	2284	2.4E+08	35482635	92.816	13.7	36.55804	-85.4872
38552	275	141	16397134	788206	6.331	0.304	36.21776	-85.8136
38553	2312	1024	1.24E+08	0	47.918	0	36.20187	-85.0063
38554	827	474	83480287	0	32.232	0	36.24949	-85.1617
38555	18809	8922	2.51E+08	954111	97.009	0.368	35.88788	-84.989

38556	12540	6386	8.25E+08	962233	318.406	0.372	36.40676	-84.9189
38558	6970	4679	58187602	1987501	22.466	0.767	36.00988	-84.8666
38559	1340	610	50718663	871290	19.583	0.336	35.80844	-85.508
38560	1425	648	88042071	10041114	33.993	3.877	36.22698	-85.8675
38562	6554	3297	3.54E+08	23516851	136.712	9.08	36.354	-85.6577
38563	2330	1029	82108924	129039	31.702	0.05	36.20715	-86.0304
38564	453	324	73737231	4142733	28.47	1.6	36.27593	-85.7359
38565	1098	466	27692154	0	10.692	0	36.26276	-85.0095
38567	784	359	56428279	234878	21.787	0.091	36.1322	-85.9258
38568	2034	1093	1.91E+08	220119	73.578	0.085	36.43849	-85.4731
38569	363	319	40518349	5369977	15.644	2.073	36.09234	-85.8631
38570	9898	4536	2.77E+08	234825	106.84	0.091	36.37628	-85.3265
38571	13848	6153	5.86E+08	2407167	226.134	0.929	36.0516	-85.0128
38572	10649	5543	4.01E+08	3609289	154.691	1.394	35.84906	-85.129
38573	2198	1164	1.69E+08	12066344	65.37	4.659	36.49342	-85.2239
38574	8413	3749	4.47E+08	1763154	172.563	0.681	36.14364	-85.2293
38575	1172	596	1.07E+08	852507	41.363	0.329	36.55534	-85.6364
38577	1153	634	1.95E+08	18583	75.36	0.007	36.56598	-84.9724
38578	177	97	1130462	26956	0.436	0.01	35.9818	-85.1983
38579	1063	505	42357350	818988	16.354	0.316	35.83587	-85.5482
38580	1743	743	90490368	0	34.939	0	36.29001	-85.2999
38581	4112	1928	2.57E+08	3260896	99.382	1.259	35.74104	-85.6208
38582	1426	792	1.2E+08	15214642	46.165	5.874	36.09483	-85.7508
38583	23825	10734	9.28E+08	10876425	358.159	4.199	35.94454	-85.4422
38585	3717	1681	4.29E+08	810025	165.813	0.313	35.61569	-85.4887
38587	1301	649	78878859	3926263	30.455	1.516	35.86476	-85.614
38588	1011	607	2.39E+08	1416047	92.086	0.547	36.44639	-85.7307
38589	200	148	79509956	0	30.699	0	36.28558	-85.0771
38601	2371	1070	2.49E+08	23138415	96.088	8.934	34.49233	-89.4431
38603	2894	1546	3.37E+08	1979324	130.06	0.764	34.83861	-89.1486
38606	16127	6737	6.85E+08	19968304	264.37	7.71	34.30326	-89.9523
38610	3542	1461	2.47E+08	865936	95.295	0.334	34.65179	-89.0255
38611	17202	6926	4.84E+08	1515072	187.035	0.585	34.85623	-89.676
38614	20418	8179	6.42E+08	1907782	247.985	0.737	34.15657	-90.6035
38617	734	337	1.45E+08	6478818	55.95	2.501	34.35073	-90.5222
38618	12031	4805	4.94E+08	14449695	190.91	5.579	34.71945	-89.9369
38619	5004	2442	3.56E+08	51517337	137.431	19.891	34.51814	-89.8355
38620	3375	1311	1.47E+08	4897813	56.566	1.891	34.23014	-89.9025
38621	1910	786	1.65E+08	223773	63.805	0.086	34.44719	-90.1705
38622	705	312	3103853	0	1.198	0	34.17191	-90.1385
38623	259	112	29314883	121482	11.319	0.047	34.36766	-90.2828
38625	1058	476	94885677	174720	36.636	0.067	34.61214	-88.8264
38626	1353	713	4.17E+08	14468465	161.122	5.586	34.51736	-90.4145
38627	1120	495	1.16E+08	110155	44.622	0.043	34.41783	-89.2079
38629	1774	755	1.31E+08	737902	50.579	0.285	34.86281	-89.0098
38630	132	55	7960643	0	3.074	0	34.27884	-90.6856
38631	1306	520	11893696	45948	4.592	0.018	34.36087	-90.6183

38632	24377	9533	4.4E+08	30038210	169.718	11.598	34.79572	-90.0154
38633	2590	1147	2.59E+08	1468457	100.124	0.567	34.64734	-89.195
38635	15941	6162	8.81E+08	2576793	340.333	0.995	34.76691	-89.4863
38637	26066	9705	41645681	707110	16.079	0.273	34.95208	-90.0492
38639	1257	445	17890335	0	6.907	0	34.30311	-90.432
38641	2338	862	1.9E+08	20441281	73.202	7.892	34.91469	-90.1886
38642	2321	959	2.15E+08	521245	83.137	0.201	34.9289	-89.3347
38643	2619	1112	4.32E+08	3441901	166.75	1.329	34.14849	-90.2609
38644	208	87	24121099	0	9.313	0	34.46081	-90.4935
38645	1329	595	1.43E+08	1934042	55.174	0.747	34.24649	-90.4765
38646	3073	1373	2.75E+08	474513	106.225	0.183	34.28964	-90.3144
38647	1143	522	1.47E+08	196540	56.893	0.076	34.96142	-89.2165
38650	3881	1683	2.02E+08	1033982	77.987	0.399	34.5281	-89.1455
38651	7103	2736	85402676	590367	32.974	0.228	34.8951	-90.0022
38652	16600	6951	4.02E+08	1152833	155.217	0.445	34.48308	-88.9967
38654	45956	17347	2.46E+08	732587	94.895	0.283	34.93393	-89.8163
38655	36699	19405	9.97E+08	47851268	385.108	18.475	34.33321	-89.4733
38658	2074	997	91831452	1436986	35.456	0.555	34.19267	-89.9082
38659	2841	1209	2.94E+08	1970309	113.511	0.761	34.62152	-89.3315
38661	2039	815	82280079	70877	31.769	0.027	34.89699	-89.5611
38663	11950	5207	5.12E+08	2240257	197.744	0.865	34.73405	-88.8822
38664	3279	1687	2.39E+08	20507134	92.121	7.918	34.81146	-90.3293
38665	2683	1050	1.66E+08	413511	64.083	0.16	34.58655	-90.1661
38666	6915	3050	3.53E+08	24236118	136.131	9.358	34.4277	-89.9178
38668	14462	5222	4.04E+08	1097237	156.046	0.424	34.58607	-89.9122
38670	1226	506	2.24E+08	888572	86.444	0.343	34.4169	-90.2887
38671	35712	14400	57463320	597111	22.187	0.231	34.96628	-89.9982
38672	11249	3896	33787262	179900	13.045	0.069	34.91142	-89.9279
38673	746	328	68154344	96934	26.315	0.037	34.29344	-89.6354
38674	898	431	96007611	567117	37.069	0.219	34.86837	-88.8924
38676	6375	2671	5.48E+08	42878272	211.696	16.555	34.66645	-90.3837
38677	4198	79	1923539	0	0.743	0	34.36541	-89.5372
38680	6194	2361	56402152	436415	21.777	0.169	34.95167	-90.1461
38683	5637	2627	3.58E+08	1301204	138.181	0.502	34.93263	-88.8653
38685	1347	619	2.32E+08	4301824	89.396	1.661	34.59301	-89.4885
38701	24187	10484	2.14E+08	19307859	82.615	7.455	33.31074	-91.0443
38702	1	16	6294005	331989	2.43	0.128	33.53567	-91.1801
38703	14568	5920	4.27E+08	33060682	164.985	12.765	33.47566	-91.0528
38704	41	16	2851625	0	1.101	0	33.00718	-91.0213
38720	597	312	1.28E+08	7069201	49.298	2.729	34.10655	-90.781
38721	1230	557	3.08E+08	3142965	118.77	1.214	32.98963	-90.7464
38722	531	240	82940963	924380	32.024	0.357	33.2603	-90.8839
38723	33	21	1329452	0	0.513	0	33.22966	-91.0384
38725	998	491	3.4E+08	18002105	131.181	6.951	33.64876	-91.0309
38726	532	231	1.49E+08	10814846	57.654	4.176	33.7558	-90.9887
38730	1718	691	1.28E+08	965759	49.308	0.373	33.68286	-90.7908
38731	129	77	15038787	12429187	5.807	4.799	33.0666	-91.0467

38732	17981	7171	2.06E+08	3388012	79.485	1.308	33.75886	-90.7256
38736	440	181	1.6E+08	1292589	61.866	0.499	33.64279	-90.5374
38737	2932	1201	3.37E+08	1558890	129.932	0.602	33.86352	-90.5242
38738	3998	85	41335907	33782	15.96	0.013	33.9451	-90.5331
38740	466	189	1.74E+08	2307245	67.311	0.891	34.05768	-90.7988
38744	682	299	1.57E+08	2655243	60.452	1.025	33.01415	-91.0371
38745	144	64	49515942	128566	19.118	0.05	32.97228	-90.9928
38746	616	271	1.66E+08	8895746	64.114	3.435	33.96197	-90.9093
38748	3901	1642	7.02E+08	30807676	271.03	11.895	33.1512	-90.902
38749	26	12	763451	0	0.295	0	33.44742	-90.7524
38751	11638	4379	3.96E+08	5237528	152.737	2.022	33.44739	-90.6805
38753	1456	616	2.09E+08	3589765	80.841	1.386	33.34734	-90.5763
38754	1532	681	2.29E+08	5682741	88.323	2.194	33.24945	-90.6233
38756	6462	2819	4.48E+08	3968697	173.162	1.532	33.3898	-90.8602
38759	1194	530	1.59E+08	668358	61.376	0.258	33.82516	-90.7303
38760	929	368	14908942	0	5.756	0	33.45803	-90.9893
38761	2870	878	1.32E+08	6148755	50.949	2.374	33.43015	-90.4845
38762	2294	980	1.75E+08	621360	67.721	0.24	33.89594	-90.7166
38764	430	174	16259528	416878	6.278	0.161	33.78011	-90.8662
38765	201	79	44127595	0	17.038	0	33.06911	-90.8746
38767	77	36	5671941	0	2.19	0	34.1405	-90.7847
38768	182	79	24543480	35037	9.476	0.014	33.97217	-90.4961
38769	2216	948	2.41E+08	21154986	92.954	8.168	33.86478	-90.9853
38771	3260	1195	1.47E+08	1212038	56.823	0.468	33.73997	-90.529
38772	182	73	37729434	275066	14.567	0.106	33.55924	-91.0524
38773	3375	1448	3.83E+08	743150	147.875	0.287	33.60726	-90.7769
38774	2522	1012	1.93E+08	575900	74.514	0.222	33.95899	-90.7633
38778	1686	608	1.8E+08	2864173	69.521	1.106	33.54712	-90.5313
38781	252	130	2566963	0	0.991	0	33.90855	-90.7566
38801	29871	12984	1.96E+08	1060740	75.58	0.41	34.22126	-88.775
38804	17285	7936	2.1E+08	1515156	80.909	0.585	34.28138	-88.6729
38821	12528	5662	3.69E+08	5094090	142.627	1.967	33.97752	-88.4367
38824	7832	3449	3.54E+08	402010	136.679	0.155	34.52078	-88.643
38826	4703	1987	80620141	1561088	31.128	0.603	34.30127	-88.8415
38827	2733	1236	90612849	33777	34.986	0.013	34.51691	-88.1775
38828	3970	1710	2.2E+08	656428	84.797	0.253	34.42986	-88.8692
38829	18707	8071	6.94E+08	1602608	268.064	0.619	34.65037	-88.5274
38833	2370	1132	1.36E+08	2357739	52.469	0.91	34.91816	-88.319
38834	29133	13499	5.66E+08	3070076	218.47	1.185	34.91711	-88.5718
38838	1629	757	1.22E+08	10935593	47.233	4.222	34.54913	-88.2541
38841	2775	1143	81203399	147508	31.353	0.057	34.35259	-89.0153
38843	11467	4877	5.11E+08	13771987	197.31	5.317	34.26205	-88.3763
38844	131	75	32914630	0	12.708	0	33.83861	-88.2553
38846	2446	1048	97896298	119300	37.798	0.046	34.85136	-88.3829
38847	3501	1573	2.33E+08	137769	90.001	0.053	34.41254	-88.233
38848	848	386	1.94E+08	175531	75.049	0.068	33.93765	-88.2711
38849	5702	2278	1.83E+08	976987	70.776	0.377	34.46097	-88.6961

38850	3141	1334	3.19E+08	3045147	123.026	1.176	34.05889	-89.0579
38851	8408	3568	5.72E+08	1719655	220.784	0.664	33.9105	-88.9682
38852	9449	5493	5.18E+08	32850282	200.105	12.684	34.84369	-88.2132
38855	4602	2026	1.55E+08	2504229	59.782	0.967	34.32331	-88.4854
38856	1788	819	1.59E+08	2338397	61.227	0.903	34.46712	-88.4551
38857	3252	1278	49079907	144974	18.95	0.056	34.2811	-88.5779
38858	7176	3051	3.28E+08	1405529	126.735	0.543	34.1001	-88.5486
38859	749	400	1.11E+08	5892257	42.754	2.275	34.51536	-88.3752
38860	5663	2501	3.39E+08	1572631	130.712	0.607	33.97175	-88.7614
38862	2731	1158	76673328	190097	29.604	0.073	34.16814	-88.6232
38863	19788	8196	7.32E+08	4535926	282.49	1.751	34.21792	-89.0191
38864	1701	749	2.31E+08	609182	89.064	0.235	34.15728	-89.2077
38865	4698	2107	2.92E+08	1113456	112.685	0.43	34.78803	-88.5954
38866	11897	4944	1.94E+08	4201701	75.047	1.622	34.36729	-88.68
38868	5481	2396	1.92E+08	180709	74.318	0.07	34.12355	-88.7626
38869	478	204	3494201	0	1.349	0	34.35746	-88.8351
38870	3122	1378	1.68E+08	4609168	64.724	1.78	34.06743	-88.3363
38871	1640	691	1.4E+08	1336040	54.012	0.516	34.38171	-89.2473
38873	2719	1327	2.18E+08	12145077	84.268	4.689	34.6597	-88.2429
38876	1322	621	2.02E+08	41036	78.007	0.016	34.21359	-88.2303
38878	2864	1158	2.1E+08	124008	81.129	0.048	33.90451	-89.1875
38879	785	370	3063115	23123	1.183	0.009	34.18612	-88.7172
38901	18403	8343	6.2E+08	27999565	239.497	10.811	33.76253	-89.8029
38913	396	193	80771903	456946	31.186	0.176	34.13888	-89.3849
38914	552	260	1.22E+08	697316	47.176	0.269	33.84621	-89.4166
38915	4046	1926	2.84E+08	513954	109.699	0.198	34.03764	-89.3889
38916	5049	2412	4.67E+08	1045842	180.479	0.404	33.81653	-89.3527
38917	3258	1613	4.32E+08	7969657	166.667	3.077	33.55691	-90.0065
38920	804	374	1.46E+08	821297	56.496	0.317	33.91006	-89.9953
38921	5061	2133	3.65E+08	6366423	140.879	2.458	33.98215	-90.1442
38922	3451	1950	5.59E+08	55056027	215.882	21.257	33.93259	-89.6456
38923	1293	612	2.06E+08	1910306	79.354	0.738	33.38857	-89.9886
38924	771	368	2.69E+08	4591034	103.758	1.773	33.29149	-90.2246
38925	2363	1132	3.87E+08	1278758	149.429	0.494	33.62603	-89.6343
38927	1186	493	1.59E+08	191786	61.55	0.074	34.138	-90.0324
38928	497	179	1.18E+08	1455394	45.712	0.562	33.86964	-90.2917
38929	1317	684	2E+08	1346542	77.36	0.52	33.73946	-89.5313
38930	25297	10483	5.19E+08	10219646	200.41	3.946	33.53803	-90.1544
38940	2141	998	3.85E+08	3969156	148.841	1.532	33.7575	-90.0294
38941	5282	1956	2.46E+08	2596364	94.929	1.002	33.48457	-90.3582
38943	526	258	69272457	1545021	26.746	0.597	33.5399	-89.8456
38944	504	236	2.45E+08	3962656	94.565	1.53	33.76213	-90.3458
38945	35	15	45585659	517680	17.601	0.2	33.60095	-90.168
38946	362	151	79088747	3334556	30.536	1.287	33.364	-90.3785
38947	445	219	6071864	168972	2.344	0.065	33.53002	-89.9071
38948	2288	1297	3.15E+08	38551522	121.729	14.885	34.06772	-89.8822
38949	297	135	42719783	40909	16.494	0.016	34.19157	-89.4254

38950	334	185	97057749	1126895	37.474	0.435	33.73317	-90.2014
38951	1316	587	1.53E+08	230997	59.026	0.089	33.97378	-89.2905
38952	611	274	2.86E+08	1899826	110.368	0.734	33.62834	-90.347
38953	798	386	1.14E+08	243079	44.131	0.094	33.93067	-89.9334
38954	1514	630	1.76E+08	9191469	67.94	3.549	33.41617	-90.2126
38957	734	340	55068858	0	21.262	0	33.99178	-90.3503
38958	38	37	30271478	592989	11.688	0.229	33.30367	-90.4281
38961	803	386	1.45E+08	758661	56.088	0.293	33.95453	-89.915
38962	149	64	40049296	1402793	15.463	0.542	33.87172	-90.1851
38963	4015	631	2.71E+08	1872697	104.442	0.723	34.02612	-90.389
38964	104	57	77450043	111540	29.904	0.043	34.09906	-90.3985
38965	9135	4252	6.36E+08	18471660	245.599	7.132	34.13554	-89.6018
38966	1174	453	1.11E+08	1619244	42.95	0.625	33.94704	-90.3192
38967	7755	3376	4.83E+08	2052555	186.447	0.792	33.4574	-89.7325
39038	6258	2454	5.51E+08	15211860	212.792	5.873	33.18606	-90.4846
39039	2193	941	3.7E+08	971253	142.829	0.375	32.81655	-90.2175
39040	3295	1421	4.54E+08	2613923	175.167	1.009	32.64174	-90.4232
39041	3404	1428	3.34E+08	2766793	128.859	1.068	32.40486	-90.4688
39042	34198	13840	5.78E+08	1530317	223.099	0.591	32.19815	-89.8956
39044	3872	1638	3.63E+08	776584	140.207	0.3	32.0293	-89.9747
39045	1353	546	2.98E+08	1935105	115.187	0.747	32.81954	-89.7846
39046	26398	10013	8E+08	13270350	308.895	5.124	32.63216	-89.9839
39047	34539	14358	2.6E+08	12532969	100.57	4.839	32.42111	-89.9455
39051	16569	6855	1.09E+09	4929332	420.494	1.903	32.77355	-89.4937
39054	341	122	10470544	0	4.043	0	32.77434	-90.9393
39056	25621	10479	1.39E+08	1005570	53.7	0.388	32.37754	-90.3518
39057	2291	823	1.67E+08	492287	64.642	0.19	32.49085	-89.2844
39059	12073	4960	4.12E+08	972642	159.207	0.376	31.98208	-90.3559
39061	88	27	7504832	79926	2.898	0.031	33.0858	-90.8178
39062	467	217	3831324	0	1.479	0	31.9851	-89.8983
39063	3620	1642	2.51E+08	598149	97.025	0.231	33.11667	-89.8975
39066	4338	1861	3.77E+08	4007424	145.663	1.547	32.29826	-90.6059
39067	1434	783	2.71E+08	99803	104.814	0.039	33.11008	-89.4438
39069	5409	2285	4.57E+08	206589	176.305	0.08	31.68616	-91.0432
39071	5346	2028	3.06E+08	5386298	118.279	2.08	32.55411	-90.3184
39073	19685	7870	4.13E+08	2313783	159.628	0.893	32.10243	-90.1358
39074	14896	5935	7.04E+08	1207426	271.953	0.466	32.3937	-89.478
39078	755	361	89384017	876924	34.511	0.339	31.87805	-90.1882
39079	2037	706	1.72E+08	991079	66.597	0.383	32.93533	-89.8986
39082	1312	582	1.56E+08	699662	60.236	0.27	31.94184	-90.1201
39083	10626	4472	8.54E+08	2429731	329.677	0.938	31.84462	-90.4773
39086	1635	783	4.08E+08	1894088	157.589	0.731	31.94744	-90.7592
39088	135	89	1.27E+08	3163299	49.019	1.221	32.76665	-90.7083
39090	13398	5993	6.87E+08	1992826	265.402	0.769	33.00202	-89.5439
39092	2934	1228	2.78E+08	193499	107.258	0.075	32.31955	-89.3624
39094	3956	1760	4.24E+08	2818162	163.835	1.088	32.58625	-89.6632
39095	7324	3291	8.7E+08	2286650	335.718	0.883	33.12961	-90.0871

39096	2338	853	5.11E+08	22592576	197.202	8.723	31.82091	-91.1154
39097	873	373	1.45E+08	4069487	55.882	1.571	32.98954	-90.6075
39108	1974	1165	5.1E+08	562407	196.821	0.217	33.14935	-89.3385
39110	36143	13682	1.93E+08	10588604	74.665	4.088	32.50421	-90.1472
39111	10460	4375	3.62E+08	116559	139.628	0.045	31.89664	-89.7181
39113	595	158	28901982	39920	11.159	0.015	32.91383	-91.0172
39114	9998	4295	4.93E+08	481860	190.339	0.186	31.95184	-89.8246
39115	155	68	18945828	9236	7.315	0.004	33.04486	-90.5669
39116	2538	1132	2.22E+08	368871	85.595	0.142	31.89644	-89.5383
39117	10697	4370	6.84E+08	1372007	264.181	0.53	32.30643	-89.6546
39119	5506	2422	3.61E+08	917548	139.248	0.354	31.75155	-89.6708
39120	32334	14666	1.23E+09	66027597	475.859	25.493	31.50906	-91.3575
39140	2250	1127	2.54E+08	1683995	97.914	0.65	31.75088	-90.0086
39144	867	501	2.98E+08	161323	114.959	0.062	31.82262	-90.7929
39145	5170	2083	3.4E+08	791823	131.273	0.306	32.34047	-89.7943
39146	2841	1223	3.52E+08	2953860	135.832	1.14	32.876	-89.9949
39149	1649	792	2.12E+08	161491	81.75	0.062	31.83197	-90.0106
39150	5914	2754	5.88E+08	28417588	227.171	10.972	32.00474	-90.976
39152	1284	559	1.55E+08	127238	59.694	0.049	32.20748	-89.5855
39153	3724	1641	4.02E+08	247856	155.259	0.096	32.04646	-89.4883
39154	10526	3630	2.91E+08	1668451	112.367	0.644	32.22511	-90.4447
39156	513	238	1.53E+08	4953482	59.171	1.913	32.54831	-90.7784
39157	24645	11952	79298772	1117323	30.617	0.431	32.42587	-90.1699
39159	3334	1439	7.57E+08	5819927	292.263	2.247	32.82657	-90.9354
39160	2889	1306	3.72E+08	1647452	143.619	0.636	32.99381	-89.7623
39162	205	101	1.32E+08	4811745	50.8	1.858	32.62274	-90.6301
39166	613	255	1.61E+08	8001608	62.016	3.089	33.04082	-90.4816
39167	47	20	518620	0	0.2	0	32.09409	-90.0411
39168	6643	2879	3.99E+08	1412784	154.195	0.545	31.83188	-89.4118
39169	2957	1306	3.96E+08	13843670	152.832	5.345	33.21836	-90.2386
39170	9407	3722	2.58E+08	1336291	99.461	0.516	32.11189	-90.33
39174	715	79	2421504	0	0.935	0	32.40152	-90.1596
39175	4843	2178	6.29E+08	2986753	242.94	1.153	32.09065	-90.6313
39176	2106	1103	3.31E+08	648083	127.707	0.25	33.30608	-89.7683
39177	136	75	1.45E+08	3905123	55.873	1.508	32.62327	-90.8003
39179	1228	501	2.11E+08	916594	81.652	0.354	32.80244	-90.0969
39180	32603	14355	5.34E+08	8908039	206.061	3.439	32.23012	-90.8579
39183	15661	7304	6.59E+08	25757823	254.54	9.945	32.4471	-90.8066
39189	5263	1584	2.04E+08	604731	78.875	0.233	32.608	-89.4001
39191	8074	3280	5.71E+08	2735681	220.369	1.056	31.71131	-90.4243
39192	1733	944	3.86E+08	491788	149.2	0.19	33.18364	-89.7622
39193	968	5	3586222	0	1.385	0	32.23448	-90.0793
39194	20925	7060	1.17E+09	24542169	452.339	9.476	32.82889	-90.513
39201	536	253	5651990	257198	2.182	0.099	32.28966	-90.1842
39202	8411	4281	9528362	889887	3.679	0.344	32.31111	-90.171
39203	7091	2780	5878755	0	2.27	0	32.30888	-90.2003
39204	19468	8242	35080689	480323	13.545	0.185	32.2786	-90.2068

39206	25341	11079	23264613	0	8.983	0	32.37241	-90.1725
39208	31371	11512	1.3E+08	402341	50.316	0.155	32.25977	-90.0916
39209	29617	12813	1.58E+08	787583	60.836	0.304	32.39552	-90.2932
39211	24515	11454	31792137	1172564	12.275	0.453	32.37213	-90.1226
39212	33263	12646	66624777	493653	25.724	0.191	32.24326	-90.2804
39213	22328	9854	74372994	1785208	28.716	0.689	32.39276	-90.2366
39216	3454	1950	8766858	399469	3.385	0.154	32.33386	-90.1596
39217	1103	0	40009	0	0.015	0	32.29913	-90.2105
39218	6943	2857	46072449	514225	17.789	0.199	32.2304	-90.1597
39232	7068	3410	44474910	1108927	17.172	0.428	32.33066	-90.0918
39269	0	0	11206	0	0.004	0	32.30111	-90.1889
39272	12551	5060	57041315	1122544	22.024	0.433	32.19061	-90.2583
39301	27449	12442	7.22E+08	3244424	278.945	1.253	32.27365	-88.5804
39305	20431	9261	2.82E+08	9289586	108.983	3.587	32.46303	-88.7147
39307	18603	7254	2.47E+08	564419	95.436	0.218	32.33794	-88.7987
39309	601	0	1518578	93645	0.586	0.036	32.54897	-88.6156
39320	1828	774	1.12E+08	373437	43.062	0.144	32.56934	-88.7442
39322	1882	838	1.91E+08	1635208	73.662	0.631	31.53547	-88.5037
39323	1290	579	1.37E+08	556588	52.962	0.215	32.35225	-88.9237
39325	5983	2484	2.84E+08	9733294	109.764	3.758	32.56202	-88.8779
39326	720	327	99974437	632884	38.6	0.244	32.60274	-88.6562
39327	4190	1692	2.7E+08	1081443	104.091	0.418	32.44646	-89.119
39328	4806	2167	7.78E+08	482437	300.398	0.186	32.74351	-88.6986
39330	2746	1247	3.42E+08	1149353	132.227	0.444	32.1808	-88.8434
39332	1923	840	1.85E+08	410673	71.447	0.159	32.30252	-88.9968
39335	3160	1561	3.01E+08	4817422	116.277	1.86	32.53314	-88.4911
39336	1235	528	2.01E+08	345642	77.577	0.133	32.3006	-89.2622
39337	1808	863	1.67E+08	79722	64.415	0.031	32.51356	-88.98
39338	3319	1658	5.81E+08	762070	224.482	0.294	32.10678	-89.2309
39339	15619	6952	9.87E+08	6486769	381.131	2.505	33.10191	-89.0117
39341	7156	2976	9.74E+08	2679611	376.244	1.035	33.09855	-88.5664
39342	1287	596	6400980	0	2.471	0	32.4245	-88.6483
39345	6127	2767	3.2E+08	453013	123.367	0.175	32.29179	-89.1219
39346	2241	1059	2.04E+08	645631	78.582	0.249	32.96503	-89.0955
39347	1497	950	1.87E+08	327594	72.301	0.126	32.06044	-88.942
39348	838	359	1.03E+08	125920	39.653	0.049	32.01362	-89.024
39350	24865	10146	1.07E+09	2652710	412.45	1.024	32.79647	-89.1252
39352	812	384	2.6E+08	127249	100.407	0.049	32.68404	-88.4817
39354	2094	1038	3.3E+08	127248	127.472	0.049	32.87451	-88.8334
39355	7131	3371	6.81E+08	3121482	262.761	1.205	32.05473	-88.6246
39356	659	381	1.36E+08	615310	52.348	0.238	32.13421	-89.022
39358	1679	682	4.3E+08	1191450	165.908	0.46	32.87042	-88.4711
39359	273	126	3860543	0	1.491	0	32.56782	-89.3336
39360	3830	1780	6.03E+08	359092	232.99	0.139	31.86481	-88.754
39361	1468	761	3.78E+08	429399	145.824	0.166	32.99549	-88.5964
39362	2866	1307	5.21E+08	3927395	201.323	1.516	31.39096	-88.5411
39363	1773	899	61092187	267714	23.588	0.103	32.12665	-88.7652

39364	2985	1306	1.92E+08	1426375	74.017	0.551	32.40528	-88.4866
39365	7547	3414	4.86E+08	1512119	187.833	0.584	32.60269	-89.1261
39366	1380	596	1.99E+08	291281	76.998	0.112	31.94382	-88.9182
39367	15096	6686	1.22E+09	3388670	470.953	1.308	31.67687	-88.6659
39401	43366	19942	4.97E+08	6305422	191.882	2.435	31.23411	-89.2659
39402	37492	16884	2.28E+08	3856724	87.857	1.489	31.33488	-89.4158
39406	1759	41	705454	0	0.272	0	31.32845	-89.3346
39421	2936	1271	1.69E+08	275041	65.196	0.106	31.49236	-89.7212
39422	5146	2338	3.56E+08	708304	137.352	0.273	31.95931	-89.2577
39423	2690	1239	2.5E+08	3811223	96.636	1.472	31.1705	-88.9151
39425	1754	874	4.99E+08	170063	192.665	0.066	31.05978	-89.0805
39426	16301	6908	4.56E+08	5459417	175.917	2.108	30.6552	-89.6613
39427	1314	659	1.51E+08	582947	58.448	0.225	31.48013	-89.8145
39428	9761	4201	4.69E+08	1430824	181.202	0.552	31.65041	-89.574
39429	17657	7791	7.91E+08	9685352	305.433	3.74	31.24098	-89.7566
39437	12917	5084	4.34E+08	2197774	167.745	0.849	31.57993	-89.2186
39439	4573	2040	3.58E+08	512938	138.37	0.198	31.84917	-89.014
39440	21305	8983	51160554	843273	19.753	0.326	31.69321	-89.1472
39443	21939	9398	6.82E+08	8252095	263.376	3.186	31.71752	-89.0756
39451	7181	1899	7.01E+08	6914805	270.503	2.67	31.1772	-88.6217
39452	26964	11156	1.46E+09	15958839	564.382	6.162	30.8765	-88.6027
39455	9721	4217	9.19E+08	4230061	354.959	1.633	31.01187	-89.4588
39456	1292	602	2.72E+08	3208349	105.15	1.239	31.06007	-88.8237
39459	3677	1558	1.67E+08	322317	64.373	0.124	31.48979	-89.3046
39461	582	272	1.17E+08	20922	45.165	0.008	31.1877	-88.7421
39462	1122	534	1.4E+08	1608196	54.037	0.621	31.23537	-89.0563
39464	2482	1061	2.4E+08	549759	92.727	0.212	31.492	-89.0839
39465	21386	8546	3.42E+08	3387524	132.224	1.308	31.33958	-89.1881
39466	27738	11981	3.68E+08	5104459	142.142	1.971	30.52051	-89.5859
39470	13011	5557	1.13E+09	10564657	437.868	4.079	30.82337	-89.5688
39474	6050	2841	4.11E+08	739296	158.766	0.285	31.61345	-89.8553
39475	12225	4980	4.35E+08	1308092	167.938	0.505	31.15257	-89.4203
39476	7582	3238	1.05E+09	2459871	403.517	0.95	31.39541	-88.8763
39477	686	338	14273438	86571	5.511	0.033	31.78827	-89.0338
39478	2201	973	1.91E+08	1664379	73.856	0.643	31.05418	-89.8568
39479	5796	2545	3.28E+08	567386	126.703	0.219	31.53115	-89.4624
39480	2770	1225	1.39E+08	609891	53.778	0.235	31.71151	-89.3151
39481	1867	853	1.01E+08	404746	39.158	0.156	31.86844	-89.2382
39482	9746	3978	5.1E+08	1343210	197.009	0.519	31.37202	-89.5792
39483	6447	2753	4.01E+08	4704206	154.958	1.816	31.24277	-89.9323
39501	21987	10493	35439970	1338398	13.683	0.517	30.38297	-89.1024
39503	45309	18776	3.13E+08	11190736	120.691	4.321	30.47461	-89.1529
39507	16234	8747	20902323	907793	8.07	0.351	30.40048	-89.0345
39520	14681	7971	2.4E+08	10641706	92.737	4.109	30.26967	-89.4802
39525	8383	4282	27654512	1384423	10.677	0.535	30.38193	-89.3708
39530	8086	4361	26699073	790357	10.309	0.305	30.40983	-88.8803
39531	17736	9603	17520249	2575968	6.765	0.995	30.40399	-88.9662

39532	32716	14462	2.04E+08	11755001	78.907	4.539	30.49309	-88.9643
39534	2379	0	4179780	9034	1.614	0.003	30.40745	-88.9246
39540	8522	3940	11903189	1299357	4.596	0.502	30.44306	-88.897
39553	17174	7488	68408223	5077362	26.413	1.96	30.41027	-88.6443
39556	7705	3351	2.73E+08	3619270	105.229	1.397	30.44151	-89.4399
39560	16844	7594	56499104	1485011	21.814	0.573	30.37602	-89.1725
39561	1852	807	72849718	90979	28.127	0.035	30.70252	-89.1549
39562	17912	7204	4.87E+08	11114574	187.955	4.291	30.54668	-88.4895
39563	13790	6224	52761521	4212651	20.371	1.627	30.4209	-88.5222
39564	36952	16033	1.38E+08	15055130	53.093	5.813	30.40523	-88.7587
39565	19453	7588	7.22E+08	7243270	278.935	2.797	30.5802	-88.7412
39567	10740	4853	34441843	2697211	13.298	1.041	30.36545	-88.5401
39571	13179	6122	2.2E+08	10702704	85.049	4.132	30.42007	-89.275
39572	1414	705	27905241	1156017	10.774	0.446	30.251	-89.6017
39573	8828	3566	1.03E+09	8153265	396.961	3.148	30.72942	-89.0976
39574	13613	5364	5.9E+08	4042440	227.831	1.561	30.61185	-89.0899
39576	5809	2945	16814897	91155	6.492	0.035	30.2901	-89.3833
39577	10374	4236	6.62E+08	3793775	255.59	1.465	30.90473	-89.0865
39581	11595	5353	50907932	2305062	19.656	0.89	30.35781	-88.4898
39601	23536	10247	6.83E+08	2566938	263.704	0.991	31.56322	-90.4707
39629	6519	2864	4.03E+08	345586	155.618	0.133	31.43664	-90.4569
39630	1115	548	7868566	130632	3.038	0.05	31.45931	-90.8454
39631	3732	1677	3.93E+08	109307	151.92	0.042	31.06716	-91.1343
39633	1094	640	3.29E+08	1832651	126.992	0.708	31.29071	-91.182
39635	170	98	3144631	0	1.214	0	31.19143	-90.4634
39638	3333	1838	4.56E+08	894142	175.979	0.345	31.225	-90.9959
39641	4569	2098	3.64E+08	128144	140.389	0.049	31.3552	-90.1749
39643	1102	505	83179374	14540	32.116	0.006	31.24655	-90.0143
39645	5016	2537	8.31E+08	1861052	320.978	0.719	31.14879	-90.7989
39647	1023	508	2.02E+08	283577	78	0.109	31.52594	-90.7227
39648	21710	9640	2.69E+08	419828	103.75	0.162	31.18934	-90.3843
39652	8315	3751	4.58E+08	749100	176.766	0.289	31.11366	-90.4754
39653	2799	1512	5.68E+08	6607296	219.386	2.551	31.48182	-90.8645
39654	5635	2565	3.99E+08	7189320	153.95	2.776	31.54494	-90.1367
39656	803	412	1.17E+08	1063980	45.244	0.411	31.4439	-89.9318
39657	2351	1137	2.37E+08	340689	91.553	0.132	31.04032	-90.5063
39661	2997	1443	6.79E+08	966879	262.176	0.373	31.48445	-91.0835
39662	1318	594	1.19E+08	70784	45.862	0.027	31.38637	-90.2854
39663	3080	1439	3.21E+08	3837157	123.868	1.482	31.59484	-90.0384
39664	2256	1112	3.02E+08	444034	116.521	0.171	31.32597	-90.6742
39665	1196	614	1.53E+08	613703	59.147	0.237	31.64281	-90.2092
39666	9588	4084	4.03E+08	3224745	155.699	1.245	31.29497	-90.4827
39667	12837	5928	8.18E+08	1140087	315.896	0.44	31.12499	-90.126
39668	681	463	2.99E+08	17709	115.633	0.007	31.71052	-90.8093
39669	6045	3165	1.11E+09	23165946	426.867	8.944	31.12317	-91.3927
39701	13997	6593	4.85E+08	11629346	187.263	4.49	33.39393	-88.5047
39702	22883	9415	2.62E+08	6478471	101.012	2.501	33.43974	-88.3447

39705	13667	6743	1.73E+08	8869234	66.687	3.424	33.58367	-88.4364
39730	11805	5208	6.52E+08	3732229	251.788	1.441	33.84367	-88.5653
39735	3916	1914	3.99E+08	1651521	154.208	0.638	33.3532	-89.1878
39736	312	143	7014864	0	2.708	0	33.43191	-88.6523
39737	285	136	39870096	143996	15.394	0.056	33.67057	-89.3303
39739	2957	1431	4.64E+08	9471547	179.315	3.657	33.23978	-88.5739
39740	5038	2084	2.15E+08	270925	83.131	0.105	33.72245	-88.3053
39741	1560	680	1.73E+08	640810	66.875	0.247	33.64998	-88.8663
39743	2067	833	1.79E+08	500294	69.216	0.193	33.32636	-88.6139
39744	6008	2875	6.54E+08	3630813	252.381	1.402	33.57994	-89.3073
39745	810	327	1.36E+08	154491	52.424	0.06	33.29655	-89.4512
39746	3183	1411	2.35E+08	4063375	90.597	1.569	33.75223	-88.4154
39747	1999	1092	3.91E+08	380200	151.149	0.147	33.40924	-89.5546
39750	2781	1266	2.13E+08	971707	82.08	0.375	33.56896	-89.0448
39751	1309	608	2.05E+08	860045	79.172	0.332	33.6953	-89.0933
39752	2473	1078	1.79E+08	1180380	69.037	0.456	33.52261	-89.1507
39755	1051	511	1.77E+08	1932912	68.525	0.746	33.6094	-88.9575
39756	1943	799	1.97E+08	514365	76.211	0.199	33.75672	-88.7411
39759	42108	19269	8.4E+08	7618421	324.485	2.941	33.43793	-88.8252
39760	23	11	83552	0	0.032	0	33.46423	-88.7051
39762	2207	62	1474085	0	0.569	0	33.45278	-88.7952
39766	2630	1098	84618369	742696	32.671	0.287	33.58771	-88.3121
39767	861	490	2.45E+08	758130	94.78	0.293	33.47551	-89.4487
39769	1923	1014	3.68E+08	690645	141.956	0.267	33.32193	-89.0178
39771	127	60	1478658	13515	0.571	0.005	33.60624	-89.2753
39772	1793	874	1.86E+08	501944	71.931	0.194	33.29512	-89.3045
39773	16670	7448	5.98E+08	13972973	230.937	5.395	33.64768	-88.6903
39776	1674	720	1.93E+08	408184	74.529	0.158	33.78014	-89.0405
39813	2110	975	3.19E+08	2073077	123.249	0.8	31.42316	-84.6843
39815	1686	745	1.33E+08	473257	51.33	0.183	30.73885	-84.4907
39817	10894	4370	3.81E+08	14564570	146.968	5.623	30.94353	-84.602
39819	11282	5145	4.02E+08	20808771	155.328	8.034	30.78858	-84.6341
39823	8550	3757	9.05E+08	7958913	349.37	3.073	31.33625	-84.9461
39824	544	286	1.46E+08	778540	56.295	0.301	31.49516	-84.925
39825	1461	700	2.42E+08	29913663	93.375	11.55	30.90984	-84.7409
39826	418	216	54038509	1140404	20.864	0.44	31.82063	-84.3489
39827	3842	1547	1.53E+08	2552876	59.17	0.986	30.95085	-84.2093
39828	15150	6459	3.59E+08	5465431	138.484	2.11	30.80835	-84.2241
39834	2138	979	3.13E+08	1993967	121.043	0.77	30.90037	-84.429
39836	461	347	2E+08	462755	77.274	0.179	31.66598	-84.8685
39837	6166	2805	7.33E+08	4178540	283.157	1.613	31.1521	-84.6777
39840	5726	2979	5.47E+08	2824479	211.122	1.091	31.7809	-84.7647
39841	878	423	1.75E+08	390072	67.559	0.151	31.29287	-84.685
39842	8357	3578	7.34E+08	4560304	283.347	1.761	31.76095	-84.4375
39845	7871	4411	5.04E+08	50860838	194.445	19.637	30.95147	-84.8928
39846	2440	1061	2.24E+08	1289829	86.4	0.498	31.56313	-84.7461
39851	2388	1611	3.15E+08	53964051	121.794	20.836	31.61983	-84.9926

39854	2592	2146	3.37E+08	24182348	130.295	9.337	31.86923	-85.0526
39859	1281	584	1.49E+08	4023371	57.623	1.553	30.98765	-84.8127
39861	1003	523	1.38E+08	968894	53.316	0.374	31.13545	-84.9872
39862	1326	678	3.83E+08	5457594	147.74	2.107	31.45937	-84.5174
39866	2122	291	1.45E+08	2339303	55.944	0.903	31.55943	-84.5943
39867	321	230	2.23E+08	2307283	86.283	0.891	31.82842	-84.9279
39870	2238	1056	4.8E+08	11120994	185.147	4.294	31.32203	-84.4141
39877	500	284	1.06E+08	284262	41.029	0.11	31.91516	-84.5116
39885	76	43	767857	0	0.296	0	31.71743	-84.3511
39886	1616	848	3.17E+08	3640270	122.283	1.406	31.74574	-84.6215
39897	3430	1592	3.67E+08	3262742	141.838	1.26	30.91121	-84.3298
40003	1902	742	1.09E+08	1382009	42.24	0.534	38.27669	-85.0438
40004	28245	11791	3.74E+08	5391046	144.416	2.081	37.80319	-85.466
40006	5084	2155	2.36E+08	4204614	91.271	1.623	38.59761	-85.3336
40007	166	71	29130127	188269	11.247	0.073	38.45835	-84.9992
40008	3476	1494	2.04E+08	6389733	78.868	2.467	37.90895	-85.275
40009	1051	518	1.65E+08	1140413	63.518	0.44	37.47023	-85.1074
40010	587	182	4745836	45129	1.832	0.017	38.37252	-85.4595
40011	2549	1120	1.52E+08	2129352	58.591	0.822	38.52767	-85.1701
40012	589	278	25942153	257142	10.016	0.099	37.90084	-85.192
40013	5369	2125	2.06E+08	3120678	79.43	1.205	37.93485	-85.458
40014	19986	7368	1.43E+08	2166978	55.093	0.837	38.34026	-85.4297
40019	3789	1595	97158666	2508187	37.513	0.968	38.38079	-85.1643
40020	109	55	1229467	9589	0.475	0.004	37.93478	-85.3874
40022	834	333	41680860	741727	16.093	0.286	38.15347	-85.355
40023	4118	1531	58512979	708456	22.592	0.274	38.17414	-85.4323
40025	59	28	436388	0	0.168	0	38.2997	-85.6487
40026	5458	1870	80440274	8972575	31.058	3.464	38.43116	-85.5326
40031	22863	7151	1.72E+08	2406573	66.505	0.929	38.43065	-85.4007
40033	12355	5314	3.71E+08	4434121	143.374	1.712	37.54412	-85.2256
40036	223	125	46717872	2794662	18.038	1.079	38.41588	-84.9825
40037	2864	1182	1.27E+08	1514463	49.097	0.585	37.6608	-85.4177
40040	531	229	53078745	213132	20.494	0.082	37.77704	-85.0693
40041	286	169	268181	0	0.104	0	38.25591	-85.6642
40045	3451	1651	1.48E+08	7793433	57.003	3.009	38.68691	-85.3585
40046	1741	741	1.25E+08	4212842	48.253	1.627	38.02393	-85.1698
40047	19345	7642	76868540	881819	29.679	0.34	38.0394	-85.5552
40048	113	3	349073	3761	0.135	0.001	37.84704	-85.4703
40049	115	0	444137	9169	0.171	0.004	37.66352	-85.395
40050	1389	617	25160156	346972	9.714	0.134	38.44604	-85.1867
40051	4799	1986	2.45E+08	3540473	94.758	1.367	37.67715	-85.5513
40052	515	236	54647535	203433	21.1	0.079	37.60413	-85.4879
40055	1752	729	53237119	292940	20.555	0.113	38.4952	-85.326
40056	3263	1245	7371877	28599	2.846	0.011	38.30559	-85.489
40057	3354	1492	2.53E+08	2356231	97.676	0.91	38.39419	-85.0429
40058	64	32	61523	0	0.024	0	38.43274	-85.1705
40059	16708	6562	67144167	11064073	25.925	4.272	38.35811	-85.5936

40060	1184	527	1.14E+08	2230122	43.871	0.861	37.54233	-85.4663
40062	301	124	13505442	102310	5.214	0.04	37.60546	-85.4415
40063	789	2	1270186	14630	0.49	0.006	37.57137	-85.3395
40065	28025	11354	4.57E+08	8267816	176.57	3.192	38.2165	-85.2069
40067	5114	1952	1.12E+08	2109223	43.123	0.814	38.22251	-85.3682
40068	2131	867	1.13E+08	1961826	43.583	0.757	38.39554	-85.2742
40069	8276	3520	4.93E+08	6344227	190.43	2.45	37.72237	-85.2091
40070	582	237	31064768	447176	11.994	0.173	38.46864	-85.2321
40071	14292	5533	3.17E+08	5253995	122.582	2.029	38.04301	-85.3788
40075	1323	569	1.22E+08	1463698	47.195	0.565	38.56813	-85.1127
40076	2516	1054	1.46E+08	1347624	56.521	0.52	38.11373	-85.0861
40077	564	292	22006399	4450131	8.497	1.718	38.49546	-85.4446
40078	2200	992	1.51E+08	2904741	58.413	1.122	37.83564	-85.1536
40104	1336	575	1.64E+08	25892484	63.462	9.997	38.08554	-86.333
40107	2067	893	1.39E+08	3144756	53.477	1.214	37.72533	-85.5988
40108	11583	4741	1.84E+08	13778669	71.074	5.32	37.9701	-86.1728
40109	1990	802	24255387	92360	9.365	0.036	38.06107	-85.7514
40110	60	33	1227314	3407	0.474	0.001	37.93284	-85.6584
40111	1682	804	95901807	3173967	37.028	1.225	37.77471	-86.629
40115	727	311	51565159	575813	19.909	0.222	37.72789	-86.2283
40117	2299	905	49524108	652787	19.121	0.252	37.89658	-86.1243
40118	9724	4022	35438827	298937	13.683	0.115	38.0975	-85.7512
40119	1797	1830	2.47E+08	8003150	95.508	3.09	37.6082	-86.5532
40121	10124	2961	87748804	697107	33.88	0.269	37.95262	-85.9244
40140	787	321	62319610	195951	24.062	0.076	37.76313	-86.354
40142	2304	932	1.28E+08	937039	49.298	0.362	37.89322	-86.2041
40143	5939	2889	3.86E+08	8486637	148.973	3.277	37.78136	-86.5098
40144	1866	961	1.62E+08	3120383	62.501	1.205	37.74009	-86.3683
40145	908	435	82838835	1017167	31.984	0.393	37.64046	-86.3144
40146	3745	1637	2.17E+08	1401343	83.66	0.541	37.84938	-86.3308
40150	4103	1695	89508396	972221	34.559	0.375	37.88023	-85.7133
40152	604	797	24400828	5322025	9.421	2.055	37.61445	-86.4439
40155	947	539	1398889	1569	0.54	0.001	37.93575	-85.992
40157	876	389	80567381	3878723	31.107	1.498	38.04996	-86.4362
40160	23574	10182	43632606	168325	16.847	0.065	37.81342	-85.9375
40161	178	75	18291023	58115	7.062	0.022	37.99939	-86.3887
40162	6056	2192	1.46E+08	1229479	56.447	0.475	37.7568	-86.0599
40165	32726	12827	3.74E+08	4386642	144.423	1.694	37.96978	-85.6716
40170	344	158	45988073	15751010	17.756	6.081	37.96383	-86.509
40171	243	129	47656761	176853	18.4	0.068	37.97312	-86.4718
40175	13070	5148	1.96E+08	1966297	75.523	0.759	37.819	-86.0899
40176	931	389	74382978	447518	28.719	0.173	37.91874	-86.3332
40177	1463	751	35491329	2424691	13.703	0.936	38.00638	-85.9218
40178	468	485	21109329	2593905	8.15	1.002	37.66011	-86.4136
40202	6772	3045	4026407	2290221	1.555	0.884	38.25678	-85.754
40203	19694	11014	7617124	0	2.941	0	38.2527	-85.7652
40204	14236	8281	8410161	119313	3.247	0.046	38.23991	-85.7216

40205	23678	11189	18081075	100403	6.981	0.039	38.223	-85.6833
40206	18865	10357	14789048	2797288	5.71	1.08	38.26008	-85.7047
40207	29745	14862	30105608	1839177	11.624	0.71	38.26522	-85.6577
40208	13227	6246	6372739	1354	2.461	0.001	38.22128	-85.7676
40209	360	185	6948852	9707	2.683	0.004	38.18989	-85.7483
40210	14822	7258	8334030	0	3.218	0	38.23153	-85.7862
40211	22612	11181	19374761	3068872	7.481	1.185	38.23611	-85.8237
40212	17685	8481	9841625	5500062	3.8	2.124	38.27196	-85.7993
40213	16796	7966	32246383	508701	12.45	0.196	38.17759	-85.7194
40214	45291	20301	38476215	270904	14.856	0.105	38.15177	-85.7808
40215	22287	10085	9714453	24758	3.751	0.01	38.19048	-85.7857
40216	40746	18250	37436412	1984733	14.454	0.766	38.18983	-85.8401
40217	12507	6415	6221696	19747	2.402	0.008	38.21671	-85.7375
40218	31658	14695	25208269	133887	9.733	0.052	38.18932	-85.6543
40219	38032	16623	37276157	563315	14.392	0.217	38.1386	-85.6883
40220	33109	15393	19728747	69479	7.617	0.027	38.21641	-85.6178
40222	21359	10510	27018025	2451538	10.432	0.947	38.27177	-85.6194
40223	22011	9722	30412748	446675	11.742	0.172	38.25835	-85.5399
40228	15743	6492	19603893	118367	7.569	0.046	38.13408	-85.6263
40229	36852	14534	51161012	582961	19.753	0.225	38.0895	-85.6539
40231	0	0	216373	0	0.084	0	38.19507	-85.6949
40241	28988	13183	37430275	298653	14.452	0.115	38.29997	-85.5757
40242	10930	4876	6908574	30096	2.667	0.012	38.27747	-85.5905
40243	10210	4912	10391627	26124	4.012	0.01	38.2418	-85.5361
40245	30109	11303	83873960	1870276	32.384	0.722	38.26636	-85.4482
40258	26465	10959	30250469	3960723	11.68	1.529	38.14627	-85.8779
40272	37394	15277	88340179	7083791	34.108	2.735	38.07846	-85.8531
40280	303	96	251903	0	0.097	0	38.24764	-85.6883
40291	35427	14948	56790252	799985	21.927	0.309	38.13082	-85.5839
40299	38371	16166	1.38E+08	2176832	53.101	0.84	38.15168	-85.5173
40310	526	244	1547235	6035	0.597	0.002	37.74937	-84.7645
40311	7153	3272	4.54E+08	3310725	175.46	1.278	38.33222	-83.9968
40312	5898	2551	1.47E+08	1566752	56.757	0.605	37.85502	-83.9387
40313	3143	1544	98546913	1893470	38.049	0.731	38.14699	-83.3766
40316	309	155	15883684	17974	6.133	0.007	37.94145	-83.5401
40322	3328	1684	3.02E+08	1445321	116.776	0.558	37.93866	-83.635
40324	41342	16808	4.02E+08	5840297	155.05	2.255	38.24693	-84.5506
40328	1065	497	1.27E+08	792929	49.01	0.306	37.60395	-85.0671
40330	19334	9023	5.73E+08	8604231	221.402	3.322	37.78772	-84.8881
40334	76	22	1517531	1274	0.586	0	38.01349	-83.7623
40336	13061	6036	5.34E+08	6013210	206.003	2.322	37.68298	-83.991
40337	5501	2407	1.49E+08	782327	57.655	0.302	37.94149	-83.8545
40339	46	36	326336	125	0.126	0	37.94409	-84.6389
40342	21125	8985	4.88E+08	5579386	188.271	2.154	37.99582	-84.9795
40346	686	309	32150480	58342	12.413	0.023	37.98564	-83.7456
40347	2767	1182	90563718	906554	34.967	0.35	38.15829	-84.7284
40348	600	318	11150231	75844	4.305	0.029	38.28872	-84.1294

40350	228	104	32415824	351070	12.516	0.136	38.30467	-83.8739
40351	20329	8618	6.41E+08	14919539	247.353	5.76	38.2048	-83.4155
40353	20779	9213	3.6E+08	3199533	139.151	1.235	38.06533	-83.9487
40356	40503	16462	3.62E+08	4110974	139.874	1.587	37.87495	-84.5634
40358	904	408	53724051	73838	20.743	0.029	38.0599	-83.6782
40359	7080	3640	5.92E+08	4743924	228.707	1.832	38.49191	-84.8029
40360	6564	3011	3.79E+08	1102374	146.448	0.426	38.1552	-83.7895
40361	18220	8092	6.69E+08	4486102	258.286	1.732	38.20826	-84.2269
40363	22	63	54042	0	0.021	0	38.51441	-85.0098
40370	2763	1218	2.15E+08	1899980	83.198	0.734	38.40348	-84.5251
40371	2838	1383	1.93E+08	12886939	74.334	4.976	38.1038	-83.5802
40372	2128	963	1.39E+08	3797762	53.493	1.466	37.91176	-84.8881
40374	1702	791	1.63E+08	674441	63.031	0.26	38.22272	-83.8897
40376	52	51	18651924	67979	7.202	0.026	37.77274	-83.6901
40379	3288	1394	1.65E+08	1383687	63.533	0.534	38.31285	-84.6868
40380	6612	2976	2.96E+08	1364391	114.372	0.527	37.81562	-83.7923
40383	22408	9545	3.93E+08	7839847	151.8	3.027	38.00655	-84.7389
40385	3131	1329	1.22E+08	2485565	47.27	0.96	37.7377	-84.133
40387	2046	1690	1.87E+08	4270406	72.347	1.649	37.93358	-83.4923
40390	7366	2564	65675424	1732142	25.357	0.669	37.84969	-84.6669
40391	35262	15533	6.2E+08	6515764	239.432	2.516	37.97013	-84.145
40402	2905	1298	1.23E+08	449775	47.31	0.174	37.29269	-83.9755
40403	23774	10048	2.96E+08	1558660	114.264	0.602	37.57075	-84.2714
40404	643	0	329970	0	0.127	0	37.57346	-84.2908
40409	3843	1744	1.14E+08	466515	43.861	0.18	37.36926	-84.4348
40419	4621	2052	2.39E+08	1183821	92.148	0.457	37.43781	-84.4893
40422	24280	10473	2.98E+08	5251108	114.953	2.027	37.641	-84.7973
40434	34	20	143603	1380	0.055	0.001	37.39416	-83.9408
40437	4932	2237	3.14E+08	1004638	121.163	0.388	37.43559	-84.8701
40440	2092	915	23914798	102564	9.234	0.04	37.58589	-84.82
40442	1136	490	63651253	118275	24.576	0.046	37.33874	-84.7417
40444	14096	6237	4.11E+08	9873979	158.504	3.812	37.66666	-84.5772
40445	997	497	1.18E+08	1249467	45.623	0.482	37.33885	-84.1873
40447	8251	4139	6.47E+08	2700290	249.705	1.043	37.48579	-84.0323
40448	53	28	945761	10650	0.365	0.004	37.45955	-84.7568
40456	9300	4218	4.47E+08	1965311	172.757	0.759	37.35347	-84.3195
40460	1129	520	95717582	170639	36.957	0.066	37.39776	-84.2268
40461	3121	1347	1.32E+08	1010913	50.899	0.39	37.58253	-84.406
40464	1114	496	87114526	346129	33.635	0.134	37.56227	-84.9206
40468	1807	818	87610728	781025	33.827	0.302	37.63393	-84.9782
40472	1679	871	1.35E+08	544807	52.301	0.21	37.73213	-83.8597
40475	55803	23810	7.07E+08	10638884	272.998	4.108	37.76166	-84.3127
40481	218	107	14226261	15202	5.493	0.006	37.44887	-84.0901
40484	11612	5036	3.42E+08	3259752	131.982	1.259	37.52058	-84.6739
40486	2223	1033	1.31E+08	258432	50.595	0.1	37.36972	-83.8589
40489	4109	1767	1.72E+08	674951	66.268	0.261	37.36574	-84.6373
40502	25709	13910	18651864	700247	7.202	0.27	38.01095	-84.4832

40503	28003	13196	22910230	9029	8.846	0.003	38.00583	-84.5335
40504	25655	12363	15738972	77346	6.077	0.03	38.04241	-84.544
40505	26040	12162	20666550	24606	7.979	0.01	38.0606	-84.4573
40506	2802	2	221571	0	0.086	0	38.0283	-84.5031
40507	1757	1483	1078126	0	0.416	0	38.04696	-84.4964
40508	23569	10826	11038493	0	4.262	0	38.06135	-84.5117
40509	32364	15131	1.06E+08	586025	41.116	0.226	37.99734	-84.3777
40510	1928	366	55495508	420424	21.427	0.162	38.0712	-84.5838
40511	31798	12566	2.29E+08	1016716	88.577	0.393	38.13238	-84.4783
40513	10994	4451	37421525	71618	14.449	0.028	38.01768	-84.6058
40514	14647	5596	7673316	16697	2.963	0.006	37.98246	-84.5631
40515	33595	14580	1.46E+08	2627509	56.268	1.014	37.91767	-84.3914
40516	2877	1293	91230710	271935	35.224	0.105	38.07175	-84.3638
40517	35227	17748	15992103	35393	6.175	0.014	37.98296	-84.4894
40601	49566	23523	5.71E+08	11066675	220.48	4.273	38.23492	-84.8688
40604	462	1	908509	131023	0.351	0.051	38.17673	-84.8625
40701	29497	13062	3.72E+08	20371740	143.751	7.866	36.92192	-84.1579
40729	5485	2361	1.7E+08	1730178	65.791	0.668	37.25256	-84.1379
40734	3764	1649	1.06E+08	252637	40.746	0.098	36.92439	-83.9537
40737	1379	610	18722262	243902	7.229	0.094	37.01081	-84.1308
40740	3321	1326	42148749	412546	16.274	0.159	37.02058	-84.0373
40741	21875	9705	5.41E+08	4465692	209.054	1.724	37.13679	-84.1273
40743	229	94	3152418	28002	1.217	0.011	37.07252	-84.1154
40744	18334	7748	2.74E+08	8925869	105.656	3.446	37.02945	-84.119
40759	2531	1071	1.24E+08	900203	47.997	0.348	36.81297	-84.0571
40763	469	249	54507283	14872	21.045	0.006	36.68921	-83.9256
40769	18507	7604	7.61E+08	8120846	293.799	3.135	36.71154	-84.1786
40771	1068	497	32296175	176054	12.47	0.068	36.86375	-84.0345
40801	531	227	18252223	66702	7.047	0.026	36.86212	-83.2464
40806	2499	1168	60197750	389325	23.242	0.15	36.89125	-83.2971
40807	337	189	795657	2457	0.307	0.001	36.96409	-82.946
40808	99	40	15056271	86250	5.813	0.033	36.99632	-83.2034
40810	1548	711	2.1E+08	470805	81.099	0.182	36.90693	-83.3746
40813	669	299	32436049	454568	12.524	0.176	36.70993	-83.5919
40815	1534	683	1.06E+08	1978542	40.884	0.764	36.78447	-83.2191
40816	78	45	82885950	470757	32.002	0.182	37.00682	-83.2714
40818	110	51	11284170	30479	4.357	0.012	36.8216	-83.2431
40819	729	327	36277833	362817	14.007	0.14	36.80497	-83.4461
40820	581	261	40604722	70659	15.678	0.027	36.74863	-83.1785
40823	4231	2072	1.5E+08	561891	57.964	0.217	36.95789	-82.9903
40824	559	241	10365229	131231	4.002	0.051	36.82529	-83.3754
40826	759	339	81020387	166314	31.282	0.064	37.05881	-82.7816
40827	674	281	40169229	174044	15.509	0.067	37.03833	-83.5133
40828	3965	1630	1.23E+08	469042	47.331	0.181	36.88034	-83.1341
40829	172	86	10599044	77058	4.092	0.03	36.79601	-83.3023
40830	301	143	7125227	6973	2.751	0.003	36.76018	-83.3286
40831	5150	2320	1.33E+08	438651	51.445	0.169	36.76657	-83.3543

40840	312	117	44052948	93628	17.009	0.036	36.89999	-83.4401
40843	259	142	77769471	89759	30.027	0.035	36.89104	-82.9909
40844	123	68	21955600	133699	8.477	0.052	37.0578	-83.3414
40845	635	286	22565070	334335	8.712	0.129	36.79882	-83.518
40847	261	108	2492146	0	0.962	0	36.85059	-83.1748
40849	352	163	2647179	92428	1.022	0.036	36.89401	-83.1312
40854	1213	586	5584943	173993	2.156	0.067	36.84556	-83.3539
40855	860	510	35336666	1046	13.644	0	36.94105	-82.8938
40856	756	350	1.11E+08	522025	43.017	0.202	36.72542	-83.5293
40858	397	187	41837611	322066	16.154	0.124	36.98449	-83.4143
40862	647	279	42877600	183593	16.555	0.071	37.01841	-82.8557
40863	502	239	65712419	99559	25.372	0.038	36.72716	-83.4309
40865	410	184	8060593	144101	3.112	0.056	36.9201	-83.2111
40868	1100	485	65547829	169875	25.308	0.066	37.07011	-83.4978
40870	279	141	18226538	201447	7.037	0.078	36.92341	-83.1443
40873	2390	1129	76872932	344362	29.681	0.133	36.81824	-83.4093
40874	504	229	1.01E+08	260125	39.05	0.1	36.98638	-83.4832
40902	1239	582	97576297	151406	37.674	0.058	36.87183	-83.5944
40903	681	326	22224388	104302	8.581	0.04	36.79844	-83.8148
40906	11132	5045	3.21E+08	1660008	123.87	0.641	36.8803	-83.8859
40913	171	95	45667437	83625	17.632	0.032	36.93675	-83.5584
40914	467	237	32269365	419025	12.459	0.162	37.1426	-83.5678
40915	896	413	24976692	35938	9.644	0.014	36.8873	-83.8075
40921	295	145	39885715	52262	15.4	0.02	36.76716	-83.8865
40923	735	319	10421417	28130	4.024	0.011	36.91918	-83.8446
40927	482	222	30434205	95781	11.751	0.037	36.8732	-83.0631
40935	2699	1306	1.97E+08	605578	76.097	0.234	36.89287	-83.7212
40939	273	134	16950913	144745	6.545	0.056	36.81192	-83.6963
40940	478	220	49448973	54811	19.092	0.021	36.60262	-83.9391
40941	251	112	3603918	11179	1.391	0.004	37.12495	-83.7324
40943	748	329	16480650	8873	6.363	0.003	36.9703	-83.8628
40946	220	105	28760484	812	11.104	0	36.9742	-83.8072
40949	788	388	8409921	12907	3.247	0.005	36.88706	-83.8709
40953	998	412	29750425	22422	11.487	0.009	36.93782	-83.8017
40958	451	202	18115568	52891	6.994	0.02	36.80988	-83.5969
40962	19143	7610	9.61E+08	2980656	371.039	1.151	37.14449	-83.7349
40964	151	60	6637784	5765	2.563	0.002	36.77009	-83.3108
40965	13570	6439	1.86E+08	1428150	71.948	0.551	36.63395	-83.7157
40972	1327	653	1.47E+08	1264812	56.799	0.488	37.25964	-83.577
40977	10362	4502	3.45E+08	2165002	133.188	0.836	36.70013	-83.7723
40979	148	57	6564288	26167	2.534	0.01	37.00578	-83.5113
40982	388	167	16164233	0	6.241	0	36.93275	-83.6901
40983	352	175	48932603	75794	18.893	0.029	37.33095	-83.7546
40988	555	270	54937584	186383	21.212	0.072	36.86518	-83.516
40995	121	53	7546990	0	2.914	0	36.76101	-83.8155
40997	371	193	54661190	3323	21.105	0.001	36.89453	-83.662
41001	16412	6207	1.32E+08	1040123	51.157	0.402	38.91761	-84.4034

41002	2510	1137	1.17E+08	3751114	45.009	1.448	38.74001	-83.9682
41003	2786	1184	2.21E+08	2525700	85.341	0.975	38.52964	-84.3902
41004	4122	1857	2.96E+08	682484	114.315	0.264	38.64413	-84.088
41005	22569	8410	1.51E+08	7865407	58.382	3.037	39.00676	-84.7601
41006	4434	1820	1.37E+08	2007069	52.871	0.775	38.78443	-84.3456
41007	4193	1618	1.34E+08	10220127	51.73	3.946	38.89219	-84.2946
41008	7457	3183	1.13E+08	14190538	43.489	5.479	38.66331	-85.1686
41010	3217	1521	2.28E+08	1352044	88.222	0.522	38.49963	-84.6082
41011	25872	13661	18478742	1105791	7.135	0.427	39.06711	-84.5327
41014	6942	3552	2751608	56008	1.062	0.022	39.06629	-84.5053
41015	20864	8943	65907087	1722176	25.447	0.665	38.97901	-84.4843
41016	6075	2942	4150391	1188421	1.602	0.459	39.08967	-84.548
41017	38940	16375	54266938	2663724	20.953	1.028	39.02909	-84.5619
41018	27345	11347	29580255	428577	11.421	0.165	39.0149	-84.6022
41030	6299	2425	72324839	702852	27.925	0.271	38.7885	-84.5895
41031	15886	6935	5.63E+08	6734966	217.472	2.6	38.41865	-84.2887
41033	1976	783	1.09E+08	1215067	42.033	0.469	38.76724	-84.4588
41034	1032	446	72461674	3516635	27.978	1.358	38.72393	-83.8913
41035	10785	4179	2.76E+08	3693986	106.469	1.426	38.71922	-84.6544
41039	2502	1142	1.92E+08	1673985	74.027	0.646	38.41512	-83.8698
41040	7265	3284	3.78E+08	5954817	146.103	2.299	38.65087	-84.3315
41041	7153	3310	2.78E+08	2727978	107.333	1.053	38.4074	-83.7207
41042	49968	21017	74203805	142294	28.65	0.055	39.00097	-84.651
41043	1745	763	1.31E+08	4218406	50.42	1.629	38.76393	-84.1955
41044	1116	501	81294329	89664	31.388	0.035	38.61043	-83.9724
41045	1273	564	91312110	7824379	35.256	3.021	38.72693	-85.038
41046	1414	573	43811138	487701	16.916	0.188	38.71738	-84.8033
41048	13959	4728	56920417	7078074	21.977	2.733	39.09884	-84.7063
41049	2261	1012	2.19E+08	1877424	84.492	0.725	38.26897	-83.6403
41051	26796	9603	75267239	1036077	29.061	0.4	38.93425	-84.5483
41052	107	44	6990470	108430	2.699	0.042	38.67799	-84.7685
41055	1813	792	1.63E+08	496768	62.986	0.192	38.52539	-83.8665
41056	14228	6672	3.63E+08	12271078	140.004	4.738	38.5949	-83.7781
41059	2712	1173	35351880	5983913	13.649	2.31	39.0134	-84.3514
41062	35	15	331403	0	0.128	0	38.70401	-83.9228
41063	3378	1340	93510568	1667201	36.105	0.644	38.84653	-84.4951
41064	2073	981	2.22E+08	413770	85.56	0.16	38.51383	-84.0638
41071	20869	9976	14034949	770722	5.419	0.298	39.07395	-84.4833
41073	5955	2974	2385653	519183	0.921	0.2	39.1024	-84.4792
41074	5338	2365	3327648	1687704	1.285	0.652	39.11276	-84.4645
41075	16459	7339	15587103	1339602	6.018	0.517	39.08197	-84.4532
41076	16468	7565	54258557	1829430	20.949	0.706	39.01273	-84.454
41080	1849	726	73361095	8046496	28.325	3.107	39.05469	-84.8242
41083	1326	602	89106847	1165713	34.404	0.45	38.66602	-84.9675
41085	724	295	966866	4493	0.373	0.002	39.03641	-84.3933
41086	2771	1184	1.67E+08	1171708	64.476	0.452	38.68921	-84.8714
41091	16873	5915	1.34E+08	2588022	51.55	0.999	38.91027	-84.7363

41092	3514	1363	99186030	373264	38.296	0.144	38.8156	-84.6911
41093	2869	1364	2.81E+08	1392582	108.515	0.538	38.3874	-83.5585
41094	13631	5261	1.17E+08	745950	45.098	0.288	38.88275	-84.6241
41095	3540	1654	75084304	6171061	28.99	2.383	38.77368	-84.7475
41097	7349	3113	2.6E+08	2122479	100.328	0.819	38.62118	-84.5814
41098	2037	1169	1.32E+08	2795928	50.875	1.08	38.58687	-85.0082
41099	1169	0	597790	0	0.231	0	39.03589	-84.4682
41101	18758	9052	25001268	3490998	9.653	1.348	38.47382	-82.6479
41102	21712	8899	1.33E+08	775992	51.162	0.3	38.42763	-82.7302
41121	1852	836	1.29E+08	1273123	49.818	0.492	38.43943	-82.8336
41124	1039	496	1.5E+08	1305238	58.066	0.504	38.03307	-82.8514
41129	9922	4238	2.22E+08	1425356	85.565	0.55	38.32208	-82.649
41132	425	213	52460280	16497	20.255	0.006	38.2722	-82.8128
41135	172	90	21863721	43906	8.442	0.017	38.3443	-83.302
41139	8271	3668	15747498	14719	6.08	0.006	38.51416	-82.7266
41141	2461	1098	1.69E+08	2696816	65.115	1.041	38.53808	-83.1706
41142	91	34	1546499	342	0.597	0	38.27768	-83.0731
41143	14535	6270	5.12E+08	4501270	197.783	1.738	38.33491	-82.9754
41144	10279	4441	3.89E+08	11157995	150.376	4.308	38.53942	-82.9432
41146	412	168	8326722	24441	3.215	0.009	38.27917	-82.896
41149	733	334	85889893	205424	33.162	0.079	38.10712	-83.062
41159	583	264	61980609	42016	23.931	0.016	37.99917	-82.9974
41164	13125	6169	6.31E+08	3696457	243.789	1.427	38.28838	-83.1571
41166	919	407	55772319	4179324	21.534	1.614	38.63717	-83.0937
41168	3043	1229	1.41E+08	103645	54.609	0.04	38.30699	-82.751
41169	5354	2435	16492487	2282931	6.368	0.881	38.53553	-82.7379
41171	5042	2000	3.24E+08	1024791	125.105	0.396	38.08886	-83.1062
41174	1122	557	26197814	3003790	10.115	1.16	38.70404	-83.0118
41175	5591	2575	1.99E+08	7679494	76.75	2.965	38.65034	-82.9696
41179	7852	3720	8.45E+08	23257169	326.075	8.98	38.53205	-83.3733
41180	1087	579	1.85E+08	634134	71.299	0.245	38.13727	-82.8749
41183	1618	687	3330748	2206969	1.286	0.852	38.55337	-82.7378
41189	2264	1033	1.57E+08	408685	60.591	0.158	38.54644	-83.5616
41201	238	170	25771446	1538700	9.95	0.594	38.07446	-82.7383
41203	696	332	15739801	9517	6.077	0.004	37.8407	-82.4595
41204	560	252	31452791	2324	12.144	0.001	37.81467	-82.6764
41214	750	313	51879656	14398	20.031	0.006	37.79374	-82.6263
41216	1297	584	41119471	95671	15.876	0.037	37.73257	-82.8034
41219	2053	913	1.18E+08	961782	45.601	0.371	37.92611	-82.9053
41222	2627	1132	74998545	369583	28.957	0.143	37.75589	-82.8585
41224	6414	2185	2.34E+08	903081	90.536	0.349	37.798	-82.5599
41226	168	84	14579773	29803	5.629	0.012	37.98156	-82.9521
41230	11730	5228	5.86E+08	7831442	226.189	3.024	38.04372	-82.6728
41231	1002	466	14938315	473977	5.768	0.183	37.80755	-82.3857
41232	782	352	29376644	14259	11.342	0.006	37.94106	-82.7297
41234	601	265	13156591	6691	5.08	0.003	37.78866	-82.7468
41238	860	409	58423128	1184586	22.557	0.457	37.84622	-82.9612

41240	6916	3295	1.16E+08	922840	44.733	0.356	37.82395	-82.7967
41250	1195	547	1.97E+08	672538	76.099	0.26	37.72244	-82.4691
41254	571	242	25761167	289137	9.946	0.112	37.88716	-82.7154
41255	1036	472	39194155	11098	15.133	0.004	37.90427	-82.8328
41256	2433	1098	56975446	1543190	21.998	0.596	37.83735	-82.8918
41257	390	171	15463615	12198	5.971	0.005	37.93001	-82.7957
41260	885	379	6586782	39148	2.543	0.015	37.82556	-82.7528
41262	1474	676	57573657	17004	22.229	0.007	37.84509	-82.6301
41263	525	225	16340011	226918	6.309	0.088	37.8569	-82.7522
41264	389	178	31132351	204763	12.02	0.079	37.92491	-82.6814
41265	1857	856	78190469	1541242	30.19	0.595	37.74831	-82.7058
41267	1245	584	19962845	387368	7.708	0.15	37.87823	-82.441
41268	395	178	799260	51880	0.309	0.02	37.78878	-82.7856
41271	237	123	7766948	0	2.999	0	37.82245	-82.7236
41274	585	254	9594550	2543	3.704	0.001	37.86416	-82.8107
41301	6159	3017	5.35E+08	1418766	206.421	0.548	37.72871	-83.4923
41311	7538	3245	4.57E+08	5834093	176.581	2.253	37.58322	-83.7107
41314	5239	2548	5.82E+08	2414516	224.827	0.932	37.42558	-83.6402
41317	190	83	61234047	405754	23.643	0.157	37.44563	-83.1532
41332	1184	618	1.09E+08	287884	42.178	0.111	37.80075	-83.3892
41339	10957	4911	9.13E+08	6112948	352.586	2.36	37.51618	-83.2691
41348	1219	531	99766430	435780	38.52	0.168	37.40936	-83.301
41352	677	314	54720859	41411	21.128	0.016	37.82293	-83.3303
41360	500	233	44169120	237237	17.054	0.092	37.80139	-83.6146
41365	501	282	36617017	74266	14.138	0.029	37.70678	-83.6289
41366	20	14	3025521	23540	1.168	0.009	37.59503	-83.2178
41367	179	78	13248995	86087	5.115	0.033	37.40869	-83.233
41385	470	211	51295281	28157	19.805	0.011	37.6638	-83.3148
41390	52	22	2936234	85646	1.134	0.033	37.40939	-83.3769
41397	64	33	7124810	3550	2.751	0.001	37.68905	-83.6734
41408	445	181	18226851	762	7.037	0	37.77866	-83.285
41421	233	98	30404327	13171	11.739	0.005	37.99537	-83.1934
41425	1138	550	80608795	206786	31.123	0.08	37.88847	-83.3943
41464	722	334	38825366	59554	14.991	0.023	37.6698	-82.9545
41465	11979	5330	6.76E+08	1714400	261.109	0.662	37.70508	-83.1047
41472	10985	4384	7.16E+08	5847359	276.304	2.258	37.94739	-83.2198
41501	23298	10869	5.21E+08	450684	201.001	0.174	37.5147	-82.5136
41503	570	290	3826761	0	1.478	0	37.66437	-82.2875
41512	976	434	34374801	0	13.272	0	37.25371	-82.4761
41513	590	296	29573573	7429	11.418	0.003	37.34665	-82.3404
41514	3491	1614	1.31E+08	1687	50.593	0.001	37.67061	-82.3171
41517	109	55	2673820	11601	1.032	0.004	37.1954	-82.5786
41519	1108	482	27573070	0	10.646	0	37.58404	-82.3216
41522	5352	2540	1.69E+08	5104	65.119	0.002	37.3035	-82.3987
41524	384	191	20136545	0	7.775	0	37.41799	-82.2311
41526	125	49	306315	0	0.118	0	37.43333	-82.5108
41527	675	316	15580066	0	6.015	0	37.63212	-82.289

41528	999	468	19824842	0	7.654	0	37.54898	-82.1399
41531	985	415	24321563	0	9.391	0	37.59281	-82.2328
41534	273	118	4397433	0	1.698	0	37.27752	-82.4766
41535	526	250	6100979	0	2.356	0	37.59636	-82.2797
41537	5373	2528	1.45E+08	246268	55.814	0.095	37.22262	-82.6137
41538	97	67	492213	0	0.19	0	37.31558	-82.5901
41539	1722	772	94472927	0	36.476	0	37.50683	-82.3271
41540	302	143	25808958	0	9.965	0	37.39094	-82.3349
41543	543	262	13346537	0	5.153	0	37.5479	-82.2855
41544	931	402	29035643	0	11.211	0	37.5939	-82.1741
41547	369	175	17505856	0	6.759	0	37.53606	-82.0907
41548	862	451	43020511	1921598	16.61	0.742	37.39231	-82.2698
41553	2288	1124	88517053	0	34.177	0	37.47714	-82.1636
41554	1102	553	87103432	985911	33.631	0.381	37.43646	-82.2891
41555	915	416	21354664	0	8.245	0	37.53803	-82.2585
41557	1716	773	53909300	1360064	20.814	0.525	37.48207	-82.4029
41558	809	371	37906902	0	14.636	0	37.53858	-82.2092
41559	339	156	11657608	0	4.501	0	37.37443	-82.3831
41560	384	190	16800297	0	6.487	0	37.39555	-82.5783
41562	2807	1240	70581290	0	27.252	0	37.39871	-82.4636
41563	445	212	14641871	24132	5.653	0.009	37.23219	-82.5366
41564	1159	512	42992932	0	16.6	0	37.60759	-82.3648
41566	714	299	35391075	0	13.665	0	37.40339	-82.2014
41567	369	157	8534770	0	3.295	0	37.57502	-82.2833
41568	1073	515	70911108	261	27.379	0	37.50162	-82.0937
41571	639	302	49413899	0	19.079	0	37.62754	-82.4356
41572	3754	1800	1.18E+08	0	45.542	0	37.3135	-82.6436
41601	755	369	11767930	163719	4.544	0.063	37.60007	-82.7218
41602	819	393	9308146	846386	3.594	0.327	37.74591	-82.7549
41603	1498	641	33727482	94199	13.022	0.036	37.57032	-82.704
41604	620	287	14218690	4791	5.49	0.002	37.38348	-82.6608
41605	637	302	4186272	69684	1.616	0.027	37.55013	-82.6246
41606	656	322	27129114	2981	10.475	0.001	37.3369	-82.7343
41607	318	149	14877503	6204	5.744	0.002	37.62508	-82.8569
41612	78	39	920024	0	0.355	0	37.35433	-82.723
41615	675	281	15102765	29223	5.831	0.011	37.53744	-82.6925
41616	794	378	35423107	23041	13.677	0.009	37.56831	-82.8799
41619	599	269	12899652	2379	4.981	0.001	37.48368	-82.7354
41621	329	147	1737093	44882	0.671	0.017	37.62666	-82.7313
41622	228	100	4214193	0	1.627	0	37.52269	-82.817
41630	1230	612	47648070	38599	18.397	0.015	37.46758	-82.7985
41631	1106	492	30964381	7183	11.955	0.003	37.47284	-82.6555
41632	614	281	82350439	74029	31.796	0.029	37.56491	-82.9518
41635	3056	1418	53306876	130352	20.582	0.05	37.48437	-82.6261
41636	984	459	25372697	2646	9.796	0.001	37.39915	-82.7318
41640	1343	611	1.34E+08	89552	51.908	0.035	37.47141	-82.9522
41642	725	328	23890041	391955	9.224	0.151	37.59217	-82.6486

41643	194	63	2195881	0	0.848	0	37.4602	-82.8322
41645	1268	556	33671064	13962	13	0.005	37.52382	-82.7953
41647	1815	815	47912457	11053	18.499	0.004	37.44227	-82.7177
41649	2631	1259	60381279	256749	23.313	0.099	37.57095	-82.7767
41650	534	250	8954819	0	3.457	0	37.35451	-82.6833
41653	11451	5262	3.11E+08	2128549	120.076	0.822	37.65508	-82.7582
41655	896	410	42861343	66849	16.549	0.026	37.50721	-82.7354
41659	520	243	6998356	49871	2.702	0.019	37.57962	-82.6219
41660	802	414	17474230	1468	6.747	0.001	37.4141	-82.6317
41663	384	156	4559583	84156	1.76	0.032	37.5659	-82.6622
41666	908	450	23395786	91069	9.033	0.035	37.43903	-82.8076
41667	720	310	20549759	2165	7.934	0.001	37.30812	-82.6946
41669	865	353	9002938	0	3.476	0	37.33163	-82.7155
41701	17252	7605	3.83E+08	2234635	147.883	0.863	37.29288	-83.1906
41712	380	174	13480982	146292	5.205	0.056	37.36596	-83.1335
41713	51	26	381466	0	0.147	0	37.21939	-83.2764
41714	418	229	73012985	49972	28.19	0.019	37.14347	-83.5169
41719	1043	477	30464199	205179	11.762	0.079	37.30627	-83.2572
41721	788	362	98714528	2272606	38.114	0.877	37.30906	-83.4732
41722	1688	787	62128714	339879	23.988	0.131	37.36918	-83.116
41723	1537	636	53609487	183984	20.699	0.071	37.26326	-83.3191
41725	174	81	3525454	0	1.361	0	37.33914	-83.0351
41727	640	266	28856835	262655	11.142	0.101	37.37731	-83.2788
41729	230	105	347282	107714	0.134	0.042	37.26463	-83.2155
41731	1023	515	69451378	506482	26.815	0.196	37.0954	-83.0796
41735	295	138	22574445	6692	8.716	0.003	37.01506	-83.0975
41739	179	88	5726052	5567	2.211	0.002	37.32433	-83.1208
41740	877	410	46293040	210361	17.874	0.081	37.36433	-83.0725
41745	200	82	16454535	493714	6.353	0.191	37.34021	-83.433
41746	835	367	20471816	113312	7.904	0.044	37.21463	-83.0958
41749	3556	1704	2.4E+08	5720996	92.722	2.209	37.20721	-83.4345
41751	289	140	1964953	175206	0.759	0.068	37.21086	-83.1386
41754	460	188	11340061	305301	4.378	0.118	37.30138	-83.3208
41759	397	189	13274585	534845	5.125	0.207	37.21981	-83.0126
41760	35	18	99901	20153	0.039	0.008	37.20571	-83.0765
41762	107	56	14559800	585266	5.622	0.226	37.26419	-83.4785
41763	574	276	65445365	250023	25.269	0.097	37.06699	-83.1504
41764	741	362	49414505	242464	19.079	0.094	37.11666	-83.254
41766	131	69	12748648	0	4.922	0	37.17987	-83.4657
41772	277	140	81928209	187294	31.633	0.072	37.42429	-83.053
41773	1273	556	42143060	565790	16.272	0.218	37.23188	-83.0267
41774	2659	1213	1.25E+08	611657	48.143	0.236	37.13975	-83.1354
41775	114	71	23774674	17536	9.179	0.007	37.09956	-83.3468
41776	1509	689	77916003	540243	30.084	0.209	37.16829	-83.295
41777	947	434	1E+08	166095	38.622	0.064	37.07235	-83.2563
41804	720	314	34387055	204591	13.277	0.079	37.1515	-83.0022
41810	502	254	6865813	0	2.651	0	37.18517	-82.6739

41812	230	141	15785100	5911	6.095	0.002	37.25418	-82.7455
41815	802	334	16618493	37520	6.416	0.014	37.16041	-82.7981
41817	251	124	7347147	0	2.837	0	37.34748	-82.9298
41819	392	214	45405660	3931	17.531	0.002	36.98711	-83.107
41821	537	278	62238911	230512	24.031	0.089	37.05912	-83.0148
41822	2553	1163	78205369	92728	30.195	0.036	37.32771	-82.9772
41824	1072	525	24286731	62862	9.377	0.024	37.19154	-82.8733
41825	548	271	15604181	9202	6.025	0.004	37.22939	-82.7084
41826	978	497	26236066	88706	10.13	0.034	37.16336	-82.9121
41828	808	381	48887462	34549	18.876	0.013	37.28814	-82.7879
41831	849	389	26023847	7269	10.048	0.003	37.38717	-82.9534
41832	424	201	16579374	77268	6.401	0.03	37.14869	-82.9593
41833	321	154	41540494	108311	16.039	0.042	37.026	-82.9858
41834	659	320	32036526	279001	12.369	0.108	37.25231	-82.9552
41835	790	389	15362811	6881	5.932	0.003	37.22108	-82.668
41836	798	378	28045552	61086	10.828	0.024	37.23756	-82.8924
41837	1284	568	34603501	36042	13.36	0.014	37.12515	-82.7583
41838	548	247	20793132	98018	8.028	0.038	37.20376	-82.7567
41839	1193	624	76302834	129046	29.461	0.05	37.40332	-82.894
41840	1111	559	9799918	5753	3.784	0.002	37.19899	-82.7209
41843	949	458	38679400	29910	14.934	0.012	37.28352	-82.8454
41844	1355	431	34338855	12481	13.258	0.005	37.31488	-82.8667
41845	293	150	12439624	16117	4.803	0.006	37.14139	-82.9013
41847	617	295	34859770	635862	13.459	0.246	37.20184	-82.9677
41848	80	31	8493154	73118	3.279	0.028	37.09338	-82.9479
41849	193	96	2629005	1547	1.015	0.001	37.17584	-82.7349
41855	696	327	23109366	43994	8.923	0.017	37.19049	-82.7847
41858	8064	3727	2.28E+08	933783	88.052	0.361	37.13606	-82.8548
41859	349	170	19324140	2263	7.461	0.001	37.38793	-82.7719
41861	108	54	5630826	0	2.174	0	37.40576	-82.8219
41862	952	437	53678923	68163	20.726	0.026	37.34276	-82.7733
42001	27960	13596	1.9E+08	13535016	73.304	5.226	37.03057	-88.7094
42003	29683	13991	1.8E+08	10311759	69.606	3.981	37.00534	-88.5813
42020	2330	1002	66008123	303296	25.486	0.117	36.69263	-88.2899
42021	1505	724	1.49E+08	18419501	57.662	7.112	36.82256	-89.0277
42022	104	51	1273221	672	0.492	0	37.14499	-88.9448
42023	2422	1210	2.59E+08	5350756	99.962	2.066	36.87255	-88.9902
42024	1490	722	1.18E+08	11227198	45.491	4.335	37.07741	-89.0503
42025	19305	9307	5.15E+08	50925220	198.69	19.662	36.85689	-88.3351
42027	2291	998	1.17E+08	1409996	45.144	0.544	36.91667	-88.6277
42028	635	313	70221583	1382331	27.113	0.534	37.23891	-88.3368
42029	6321	2866	1.21E+08	5901781	46.537	2.279	37.00647	-88.392
42031	3418	1620	3.89E+08	4996122	150.366	1.929	36.68575	-88.9914
42032	192	95	4212650	1242950	1.627	0.48	36.77592	-89.1081
42035	1068	462	72828646	819675	28.119	0.316	36.90023	-88.8404
42036	1167	533	68734649	284225	26.539	0.11	36.71152	-88.2145
42037	29	35	2644129	0	1.021	0	37.17278	-88.1877

42038	5298	2851	2.27E+08	29285569	87.538	11.307	37.048	-88.0272
42039	1751	789	1.32E+08	2666941	50.949	1.03	36.78871	-88.8254
42040	1082	494	84990658	546203	32.815	0.211	36.6253	-88.4971
42041	4627	2405	2.85E+08	1709219	110.115	0.66	36.55037	-88.8774
42044	3404	2266	61687414	33259847	23.818	12.842	36.95919	-88.2633
42045	2089	1201	93118406	10114803	35.953	3.905	37.064	-88.2631
42047	192	110	56353374	211374	21.758	0.082	37.29504	-88.3994
42048	2147	1182	68043358	10457530	26.272	4.038	36.76571	-88.2286
42049	1480	723	1.1E+08	210540	42.526	0.081	36.52114	-88.3338
42050	3256	1483	3.01E+08	29863128	116.174	11.53	36.55542	-89.2193
42051	2840	1266	1.45E+08	1457048	56.127	0.563	36.85073	-88.6472
42053	4931	2189	3.02E+08	32505975	116.75	12.551	37.11265	-88.8778
42054	984	432	75506363	771772	29.153	0.298	36.71445	-88.4335
42055	2609	1753	1.17E+08	19317186	45.026	7.458	37.07523	-88.174
42056	1982	910	1.4E+08	11592672	54.238	4.476	37.10728	-88.9867
42058	2336	1044	42468072	17052909	16.397	6.584	37.05834	-88.4657
42060	130	66	2179661	38504	0.842	0.015	36.96585	-88.8281
42061	55	36	917298	12637	0.354	0.005	36.88284	-88.7664
42064	8421	4090	7.76E+08	27872656	299.612	10.762	37.35714	-88.0895
42066	23182	10463	5.62E+08	6202416	216.821	2.395	36.73253	-88.6399
42069	1100	499	67865286	365087	26.203	0.141	36.91879	-88.7565
42071	29655	14344	5.49E+08	29731018	212.13	11.479	36.62459	-88.2849
42076	1213	868	1.09E+08	34996257	42.128	13.512	36.57146	-88.107
42078	1852	949	2.22E+08	2541765	85.897	0.981	37.27782	-88.2868
42079	1426	681	1.35E+08	557915	52.107	0.215	36.56776	-88.5888
42081	2203	1111	3.03E+08	42383362	116.944	16.364	37.22668	-88.4166
42082	1845	874	73138724	1600063	28.239	0.618	36.91986	-88.5004
42083	446	223	74804186	2140187	28.882	0.826	37.1611	-88.2878
42084	83	53	699171	1401	0.27	0.001	37.43466	-88.2457
42085	918	441	73957211	309526	28.555	0.12	36.56952	-88.8009
42086	4036	1806	86655365	8153275	33.458	3.148	37.08855	-88.7718
42087	2419	1149	1.82E+08	8188017	70.09	3.161	36.9759	-88.9963
42088	2656	1157	1.64E+08	1301694	63.49	0.503	36.62122	-88.7477
42101	55648	22143	7.33E+08	8632056	283.11	3.333	37.0581	-86.4631
42102	88	38	57500	0	0.022	0	37.00373	-86.4182
42103	18936	8153	1.84E+08	2593668	70.867	1.001	36.94566	-86.2811
42104	29610	13094	1.45E+08	907455	56.113	0.35	36.88307	-86.4478
42120	2588	1149	1.17E+08	435669	45.17	0.168	36.67285	-86.2621
42122	4368	1713	97739076	1323737	37.737	0.511	36.85707	-86.3537
42123	840	435	61122802	2368476	23.6	0.914	36.81633	-85.9848
42124	55	26	979488	0	0.378	0	36.87054	-85.644
42127	6199	2828	2.29E+08	2116718	88.534	0.817	37.11357	-85.9185
42129	7026	3345	5.26E+08	2082081	203.056	0.804	36.99122	-85.5834
42130	175	77	8772080	36485	3.387	0.014	36.92587	-85.7863
42133	1370	769	1.84E+08	2064137	70.969	0.797	36.72589	-85.9575
42134	16785	7251	5.5E+08	5266327	212.194	2.033	36.72452	-86.5645
42140	1264	596	1.07E+08	1032755	41.205	0.399	36.65654	-85.8289

42141	30349	13814	7.19E+08	22309450	277.593	8.614	36.94755	-85.9183
42151	275	141	71264908	580251	27.516	0.224	36.64975	-85.5538
42153	326	151	42200484	180250	16.294	0.07	36.66237	-86.0663
42154	691	303	55134438	528776	21.288	0.204	37.04261	-85.7313
42156	254	159	13829079	3467658	5.339	1.339	36.85133	-86.0537
42157	437	174	45546493	72781	17.586	0.028	36.78142	-85.8197
42159	1195	514	73210472	959323	28.267	0.37	36.99315	-86.2479
42160	1992	830	1.04E+08	414195	40.033	0.16	37.10654	-86.0357
42163	56	26	2288423	0	0.884	0	37.07906	-86.1341
42164	16277	7612	6.53E+08	17858616	252.068	6.895	36.77566	-86.1819
42166	2314	1036	1.86E+08	537341	71.721	0.207	36.88019	-85.7088
42167	8145	3856	5.36E+08	4714713	206.872	1.82	36.72099	-85.6741
42170	1403	570	84546232	664115	32.643	0.256	36.84055	-86.5767
42171	6841	2863	2.63E+08	1361848	101.433	0.526	37.03619	-86.1705
42202	2389	1085	1.59E+08	1829816	61.251	0.706	36.68992	-86.8476
42204	657	275	92745931	1405588	35.809	0.543	36.68475	-87.0762
42206	5407	2276	3.07E+08	1546812	118.453	0.597	36.88668	-86.743
42207	1207	760	50014887	4219711	19.311	1.629	37.294	-86.2669
42210	4236	2029	3.73E+08	3338701	143.853	1.289	37.20672	-86.2523
42211	13422	7408	7.27E+08	49393841	280.685	19.071	36.81794	-87.8383
42214	682	289	50312691	671695	19.426	0.259	37.13808	-85.6833
42215	1300	554	1.52E+08	791038	58.567	0.305	36.99601	-87.6674
42217	4117	1832	4.13E+08	3979046	159.374	1.536	37.04067	-87.4585
42220	6844	2903	4.59E+08	2661045	177.042	1.027	36.89323	-87.1786
42223	19837	4218	39224142	0	15.145	0	36.62826	-87.4629
42232	812	333	70235720	335079	27.118	0.129	36.87264	-87.655
42234	2469	1011	1.54E+08	1479749	59.273	0.571	36.71161	-87.1802
42236	929	406	1.72E+08	1828106	66.419	0.706	36.71629	-87.6142
42240	42479	19027	6.96E+08	6305991	268.765	2.435	36.88018	-87.4631
42254	209	110	13149611	20680	5.077	0.008	36.66088	-87.6544
42256	5028	2754	4.95E+08	6928852	191.012	2.675	37.00092	-86.9374
42259	1281	857	85061521	2531181	32.842	0.977	37.24316	-86.1483
42261	10602	4793	7.63E+08	8718613	294.5	3.366	37.21711	-86.6713
42262	8396	3720	93290670	545199	36.02	0.211	36.67992	-87.4494
42265	820	363	1.33E+08	1197487	51.524	0.462	36.73922	-87.0043
42266	2590	1011	1.95E+08	1268242	75.32	0.49	36.74432	-87.3572
42273	443	241	47314880	1184956	18.268	0.458	37.21593	-86.8439
42274	2373	947	97668346	510597	37.71	0.197	36.95024	-86.5988
42275	883	402	1.14E+08	662520	43.99	0.256	37.21705	-86.457
42276	14471	6592	5.22E+08	2850391	201.613	1.101	36.85701	-86.8798
42280	484	204	57129539	309201	22.058	0.119	36.95698	-87.0992
42285	375	170	21297548	0	8.223	0	37.26406	-86.2978
42286	1291	526	1.49E+08	1013761	57.449	0.391	36.72918	-87.2898
42301	42440	18960	4.43E+08	6453187	171	2.492	37.73578	-87.2494
42303	38909	16496	1.24E+08	1372554	47.909	0.53	37.75895	-87.0462
42320	8205	3481	3.82E+08	12261293	147.331	4.734	37.33549	-86.8611
42321	327	139	3975841	51948	1.535	0.02	37.16549	-87.0551

42322	47	20	156371	0	0.06	0	37.61365	-87.3953
42323	793	358	5205515	13579	2.01	0.005	37.17338	-87.0354
42324	1276	578	94584394	1277419	36.519	0.493	37.135	-87.0046
42325	2028	915	78461803	2790899	30.294	1.078	37.32789	-87.274
42326	460	188	34585980	2370379	13.354	0.915	37.22652	-87.0081
42327	4037	1765	3.22E+08	4849285	124.389	1.872	37.58053	-87.2973
42328	1389	592	1.67E+08	4576413	64.408	1.767	37.43063	-87.0452
42330	9386	3854	2.24E+08	9681458	86.557	3.738	37.32182	-87.1179
42332	271	124	1561763	5482	0.603	0.002	37.25043	-87.0887
42333	1111	463	82476451	1349208	31.844	0.521	37.36426	-86.7587
42337	2026	965	1.28E+08	5073557	49.459	1.959	37.19854	-86.9489
42338	88	39	8775511	87465	3.388	0.034	37.54403	-86.8007
42339	800	416	77598152	865748	29.961	0.334	37.09425	-86.9747
42343	1782	853	1.85E+08	768009	71.375	0.297	37.63599	-86.7008
42344	856	394	90157173	2488970	34.81	0.961	37.26965	-87.3178
42345	11747	5057	3.96E+08	4606125	152.714	1.778	37.13586	-87.1837
42347	6152	2648	3.2E+08	2772742	123.707	1.071	37.52504	-86.8822
42348	4810	2059	2.89E+08	14127542	111.482	5.455	37.83071	-86.7677
42349	1503	638	1.6E+08	972687	61.662	0.376	37.42258	-86.6766
42350	1433	632	1.08E+08	1455363	41.602	0.562	37.45501	-87.1869
42351	3851	1673	1.78E+08	15322094	68.658	5.916	37.89858	-86.8666
42352	2060	953	58962195	601554	22.765	0.232	37.51481	-87.0859
42354	252	103	2241874	17846	0.866	0.007	37.37678	-86.9307
42355	1852	766	73986950	1072744	28.567	0.414	37.85295	-86.9912
42356	83	0	64462	0	0.025	0	37.69326	-87.3241
42361	492	238	90526241	906002	34.952	0.35	37.51717	-86.6839
42366	5863	2253	2.09E+08	1695120	80.594	0.654	37.72367	-86.9376
42367	667	317	2753839	1176	1.063	0	37.23942	-87.1599
42368	1325	564	1.1E+08	459612	42.327	0.177	37.70295	-86.7541
42369	331	152	11104304	210640	4.287	0.081	37.35865	-87.0038
42370	28	17	276436	0	0.107	0	37.44902	-86.7389
42371	476	247	98435152	2036337	38.006	0.786	37.50986	-87.29
42372	1854	815	96454264	1152079	37.241	0.445	37.40411	-87.273
42374	277	123	10427546	166140	4.026	0.064	37.32558	-87.1568
42376	5799	2324	2.59E+08	2513924	99.984	0.971	37.61748	-87.0864
42378	3339	1304	1.74E+08	1234543	67.006	0.477	37.66729	-86.8633
42404	2569	1114	2.29E+08	2827273	88.326	1.092	37.47436	-87.8384
42406	3555	1459	2.75E+08	2243737	106.032	0.866	37.76214	-87.7382
42408	6737	3178	3.33E+08	5367286	128.639	2.072	37.17954	-87.6927
42409	2586	1044	2.24E+08	1547073	86.531	0.597	37.53864	-87.6929
42410	1460	732	6809194	294548	2.629	0.114	37.27854	-87.5118
42411	1656	815	2.25E+08	1479672	86.951	0.571	37.19604	-88.0125
42413	3118	1219	1.35E+08	1002640	52.219	0.387	37.44866	-87.467
42420	38192	17011	4.88E+08	23160091	188.47	8.942	37.81061	-87.515
42431	26916	12321	4.31E+08	15349127	166.583	5.926	37.33447	-87.4814
42436	1030	474	48444657	373123	18.705	0.144	37.37395	-87.5755
42437	8324	3104	4.49E+08	23032781	173.475	8.893	37.66666	-87.9381

42440	748	342	2586720	5933	0.999	0.002	37.24071	-87.4646
42441	1594	679	1.54E+08	3165011	59.588	1.222	37.36069	-87.6665
42442	3504	1529	1.58E+08	2021507	61.109	0.781	37.16386	-87.4958
42445	11331	5418	6.86E+08	6739823	264.996	2.602	37.13334	-87.8517
42450	4063	1996	1.54E+08	4010913	59.6	1.549	37.39587	-87.7634
42451	783	328	1.02E+08	14667542	39.525	5.663	37.88453	-87.3907
42452	2141	894	1.39E+08	1891269	53.567	0.73	37.68651	-87.5317
42453	532	255	42396013	600187	16.369	0.232	37.15785	-87.5907
42455	3376	1348	1.98E+08	2898443	76.332	1.119	37.59338	-87.5426
42456	1690	715	1.73E+08	1365947	66.826	0.527	37.50771	-87.4961
42458	1151	462	42676189	1612578	16.477	0.623	37.83956	-87.4209
42459	4423	2046	3.13E+08	10098515	120.82	3.899	37.56681	-88.019
42461	1481	668	93753616	18972031	36.198	7.325	37.7974	-87.8892
42462	1319	548	1.14E+08	2049347	44.181	0.791	37.74398	-87.8017
42463	156	75	5466551	157695	2.111	0.061	37.47262	-87.8695
42464	1799	788	1.58E+08	4722682	61.036	1.823	37.18125	-87.3561
42501	17592	8533	5.17E+08	9986083	199.777	3.856	37.05619	-84.4509
42503	22894	10497	3.35E+08	10401482	129.319	4.016	37.15521	-84.5247
42516	463	225	34840240	50407	13.452	0.019	37.22205	-84.7861
42518	2914	2131	65732706	5422310	25.38	2.094	36.94237	-84.6326
42519	3191	2648	1.28E+08	7715188	49.303	2.979	36.95532	-84.535
42528	1524	700	1.27E+08	943060	48.988	0.364	37.18153	-85.0234
42533	802	359	3798745	3221	1.467	0.001	37.07226	-84.5926
42539	10026	4635	5.49E+08	1968412	211.934	0.76	37.30893	-84.951
42541	531	254	40080620	272195	15.475	0.105	37.35958	-84.7949
42544	5843	3994	3.77E+08	39780123	145.648	15.359	37.02995	-84.8151
42553	5284	2294	1.61E+08	1999156	62.225	0.772	37.16668	-84.6973
42565	735	365	69445758	76197	26.813	0.029	37.14886	-84.8897
42566	660	299	44335536	71167	17.118	0.027	37.27861	-84.7831
42567	6007	2714	2.37E+08	1049099	91.561	0.405	37.26594	-84.6047
42602	10216	5414	4.96E+08	20669280	191.491	7.98	36.73963	-85.1104
42603	130	69	9479754	8659	3.66	0.003	36.78225	-85.029
42629	4953	3114	2.58E+08	52669776	99.638	20.336	36.91263	-85.1377
42631	134	60	336808	0	0.13	0	36.74039	-84.481
42633	20065	10084	1.13E+09	50398979	434.919	19.459	36.80201	-84.8304
42634	1565	685	2.39E+08	2917691	92.144	1.127	36.88284	-84.4318
42635	5103	1494	60575884	494390	23.388	0.191	36.68027	-84.396
42638	207	93	3312940	50280	1.279	0.019	36.67441	-84.4705
42642	12573	6346	3.62E+08	9725583	139.813	3.755	37.05868	-85.0352
42647	4086	1955	3.6E+08	2797841	139.182	1.08	36.68587	-84.6284
42649	2326	1080	1.86E+08	806901	71.802	0.312	36.62268	-84.4291
42653	4619	2017	2.05E+08	3334210	79.317	1.287	36.7831	-84.4535
42701	48194	20611	4.11E+08	4465724	158.625	1.724	37.70383	-85.837
42712	1855	823	1.36E+08	958071	52.51	0.37	37.51875	-86.1089
42713	1641	814	1.06E+08	297249	40.837	0.115	37.38313	-85.8837
42715	347	174	40111303	33030	15.487	0.013	36.95493	-85.3955
42716	1582	712	93762695	286971	36.202	0.111	37.47995	-85.6061

42717	6558	3561	7.75E+08	17648133	299.122	6.814	36.78836	-85.379
42718	24312	10688	6.54E+08	14824183	252.462	5.724	37.38523	-85.3731
42721	3982	1852	3.77E+08	3097226	145.717	1.196	37.42301	-86.4994
42722	714	318	45040095	1236929	17.39	0.478	37.27659	-85.7161
42724	4714	1977	1.99E+08	2074554	76.96	0.801	37.67592	-86.0708
42726	4667	3286	2.62E+08	15790536	101.039	6.097	37.41993	-86.1512
42728	15925	7288	8.28E+08	24680800	319.805	9.529	37.1171	-85.2899
42729	1617	1343	1.34E+08	8030672	51.903	3.101	37.30647	-86.0965
42731	341	156	29044476	126250	11.214	0.049	36.84782	-85.5574
42732	2120	861	1.51E+08	622748	58.234	0.24	37.58895	-86.1333
42733	1454	663	1.5E+08	3070948	58.028	1.186	37.3436	-85.1864
42740	1973	825	82139354	1361177	31.714	0.526	37.5862	-85.9483
42741	480	223	38751631	59462	14.962	0.023	36.99923	-85.2384
42743	8869	4240	5.3E+08	5416131	204.514	2.091	37.2274	-85.5322
42746	1892	824	1.21E+08	1390592	46.697	0.537	37.21238	-85.7324
42748	8706	3747	3.41E+08	3466334	131.675	1.338	37.57162	-85.7071
42749	5245	2382	2.36E+08	2805142	91.207	1.083	37.18461	-85.8782
42753	743	365	66345795	3242046	25.616	1.252	37.2174	-85.1848
42754	15349	7275	4.84E+08	14823313	186.874	5.723	37.47293	-86.3163
42757	2974	1349	2.13E+08	1880969	82.071	0.726	37.40283	-85.7195
42758	139	58	1387535	48803	0.536	0.019	37.3744	-85.1987
42762	422	183	24228723	191883	9.355	0.074	37.45534	-86.3932
42764	559	265	40472679	38568	15.627	0.015	37.42959	-85.6205
42765	5840	2608	3.05E+08	2811164	117.789	1.085	37.33275	-85.9352
42776	2736	1161	1.75E+08	1440121	67.638	0.556	37.51451	-85.9271
42782	953	465	91878999	1119653	35.475	0.432	37.3368	-85.6431
42784	2685	1172	1.55E+08	952004	59.758	0.368	37.45082	-85.9348
42788	310	133	21454998	474737	8.284	0.183	37.52966	-86.0279
43001	2400	946	68738185	506555	26.54	0.196	40.08807	-82.614
43002	2262	1259	2574923	5688	0.994	0.002	40.06236	-83.1709
43003	2917	1163	87746040	2734513	33.879	1.056	40.41226	-82.9793
43004	22727	9518	33511303	507946	12.939	0.196	40.01734	-82.7988
43005	174	67	2156201	4238	0.833	0.002	40.28615	-82.2768
43006	822	326	61916929	154451	23.906	0.06	40.45972	-82.1493
43008	2479	1329	3875699	1125148	1.496	0.434	39.93389	-82.4809
43009	2135	799	89275647	45588	34.47	0.018	40.17154	-83.6395
43010	272	104	661470	0	0.255	0	39.99996	-83.6226
43011	7491	2795	2.14E+08	447328	82.48	0.173	40.303	-82.6797
43013	1201	471	49783828	111594	19.222	0.043	40.23312	-82.6883
43014	3632	1380	1.71E+08	707544	65.893	0.273	40.46676	-82.2625
43015	48107	19472	3.24E+08	10007182	124.965	3.864	40.29779	-83.0602
43016	31306	13559	46852285	426829	18.09	0.165	40.09746	-83.1501
43017	37626	14756	43714850	1153631	16.878	0.445	40.11662	-83.1305
43019	8700	3436	2.74E+08	3513472	105.764	1.357	40.49294	-82.5785
43021	10301	3656	92072986	7750901	35.55	2.993	40.19155	-82.8828
43022	4161	1054	1.07E+08	707682	41.349	0.273	40.34504	-82.3398
43023	13231	4423	1.34E+08	839967	51.869	0.324	40.0789	-82.5364

43025	5306	2467	90394159	2062024	34.901	0.796	39.97089	-82.5174
43026	54017	20986	90842752	1105727	35.075	0.427	40.02085	-83.1944
43028	7537	3542	1.38E+08	2823607	53.462	1.09	40.40171	-82.2973
43029	664	206	61174161	34349	23.619	0.013	40.09748	-83.4406
43030	114	46	238873	0	0.092	0	39.96146	-82.4158
43031	12318	4945	2.31E+08	834765	89.097	0.322	40.16084	-82.6652
43032	77	39	126538	0	0.049	0	40.32862	-82.9588
43033	380	149	1149665	2813	0.444	0.001	39.96141	-82.6043
43035	24721	8819	50738186	8034789	19.59	3.102	40.18854	-82.9951
43036	258	123	552660	9900	0.213	0.004	40.3522	-83.2611
43037	535	217	11980096	74832	4.626	0.029	40.28447	-82.3234
43040	31790	11647	4.33E+08	6160581	167.169	2.379	40.261	-83.3597
43044	5528	2149	2.03E+08	121028	78.534	0.047	40.05471	-83.5504
43045	1953	740	97926382	1207844	37.81	0.466	40.16838	-83.4587
43046	3396	1818	65793199	4907698	25.403	1.895	39.89638	-82.542
43050	29050	12731	4.04E+08	1770567	155.934	0.684	40.37415	-82.4956
43054	20566	8449	51971986	677688	20.066	0.262	40.08307	-82.7989
43055	59605	26781	2.92E+08	2215144	112.81	0.855	40.1199	-82.3778
43056	17439	7246	2.22E+08	1916539	85.864	0.74	40.00849	-82.341
43060	2480	1061	66410450	85533	25.641	0.033	40.22235	-83.5715
43061	3967	1528	1.17E+08	1343289	45.182	0.519	40.28951	-83.2031
43062	27644	10786	2.04E+08	963921	78.799	0.372	40.00708	-82.6823
43064	12580	4755	2.67E+08	1560535	102.985	0.603	40.09812	-83.2838
43065	38821	14412	74791991	1858736	28.877	0.718	40.17754	-83.0942
43066	1328	512	99733613	251354	38.507	0.097	40.39129	-83.172
43067	1591	625	80873999	1371109	31.226	0.529	40.34048	-83.4682
43068	51836	22586	50128969	309615	19.355	0.12	39.95619	-82.7847
43070	133	54	395484	0	0.153	0	40.21578	-83.9579
43071	2351	959	87899298	790562	33.938	0.305	40.1807	-82.3595
43072	5948	2387	1.91E+08	1663100	73.555	0.642	40.11967	-83.9567
43074	11655	4488	2.24E+08	1581127	86.679	0.61	40.27001	-82.8507
43076	9051	4164	1.86E+08	4014046	71.687	1.55	39.897	-82.3988
43077	258	91	488084	15704	0.188	0.006	40.13705	-83.3413
43078	20885	9134	3.94E+08	979910	152.003	0.378	40.11764	-83.7838
43080	5498	2186	1.91E+08	556036	73.708	0.215	40.24059	-82.4297
43081	55991	24034	63776192	2924779	24.624	1.129	40.11044	-82.8906
43082	29946	11084	57289047	3270658	22.119	1.263	40.14919	-82.8849
43084	841	307	55869829	70861	21.571	0.027	40.14835	-83.5567
43085	23258	10228	19106127	218765	7.377	0.084	40.10092	-83.0134
43101	380	175	708656	2070	0.274	0.001	39.46452	-82.7461
43102	4512	1755	1.54E+08	202886	59.381	0.078	39.6404	-82.7626
43103	10697	4280	2.17E+08	1509598	83.704	0.583	39.73238	-82.9357
43105	8147	3261	1.48E+08	38825	57.297	0.015	39.86676	-82.6124
43106	1685	659	1.02E+08	0	39.546	0	39.64232	-83.4212
43107	3153	1279	77586425	618543	29.956	0.239	39.69283	-82.4145
43109	118	44	402740	5241	0.155	0.002	39.91668	-82.8319
43110	33847	14308	1.3E+08	798687	50.209	0.308	39.82668	-82.8001

43111	225	93	1041442	5834	0.402	0.002	39.50207	-82.2427
43112	4617	1775	90292869	141726	34.862	0.055	39.79781	-82.7046
43113	23717	10077	4.26E+08	3609129	164.483	1.393	39.59255	-82.9638
43115	1321	541	1.24E+08	180788	47.935	0.07	39.49177	-83.151
43116	1448	487	2555790	0	0.987	0	39.77164	-83.062
43117	73	28	50516	0	0.02	0	39.76879	-83.2061
43119	27698	10560	82337436	821908	31.791	0.317	39.94093	-83.2057
43123	58424	23657	1.54E+08	1715695	59.521	0.662	39.86949	-83.1143
43125	12161	5539	81381979	1686460	31.422	0.651	39.83805	-82.8879
43126	326	150	1193664	28924	0.461	0.011	39.8155	-83.1658
43127	283	114	1499575	67428	0.579	0.026	39.4806	-82.322
43128	2309	1039	1.23E+08	126436	47.568	0.049	39.65972	-83.594
43130	59570	25262	4.19E+08	1931901	161.886	0.746	39.69662	-82.6142
43135	4445	2014	2.47E+08	449895	95.308	0.174	39.46818	-82.6934
43136	460	226	719125	0	0.278	0	39.80132	-82.8125
43137	2388	1087	77486237	4343765	29.918	1.677	39.80884	-82.9875
43138	18437	8270	4.56E+08	3181409	176.252	1.228	39.51835	-82.4141
43140	24066	8189	5.75E+08	1804360	222.198	0.697	39.87986	-83.429
43142	111	54	202223	0	0.078	0	39.59372	-83.5873
43143	5694	2433	3.44E+08	3489024	132.908	1.347	39.71271	-83.2883
43144	477	229	18194634	54698	7.025	0.021	39.52878	-82.194
43145	1918	836	1.4E+08	2348309	53.902	0.907	39.56494	-83.2598
43146	12369	3389	2.07E+08	2113018	79.82	0.816	39.77352	-83.1369
43147	38440	13728	75511140	83562	29.155	0.032	39.89778	-82.744
43148	2220	880	64330826	81147	24.838	0.031	39.82032	-82.5
43149	2552	1197	1.42E+08	289269	54.694	0.112	39.54297	-82.5779
43150	2482	943	68583123	1337005	26.48	0.516	39.7775	-82.4062
43151	322	127	753044	0	0.291	0	39.73295	-83.4764
43152	921	525	1.13E+08	436552	43.495	0.169	39.39545	-82.6158
43153	971	393	1.37E+08	6053	52.746	0.002	39.7437	-83.5568
43154	3150	1187	64162560	174901	24.773	0.068	39.59987	-82.8294
43155	2543	1352	78389965	1129308	30.267	0.436	39.63464	-82.5289
43156	242	97	876419	0	0.338	0	39.55352	-82.7763
43157	610	240	893298	0	0.345	0	39.84265	-82.5462
43158	268	113	5281738	22995	2.039	0.009	39.449	-82.3576
43160	22305	9866	5.57E+08	689965	215.057	0.266	39.52652	-83.4413
43162	6926	2796	1.21E+08	103271	46.684	0.04	39.9494	-83.3084
43164	2203	845	1.46E+08	535451	56.327	0.207	39.58524	-83.1184
43201	35495	16214	7984237	55	3.083	0	39.99083	-82.9999
43202	20251	10613	6501622	153625	2.51	0.059	40.01981	-83.0151
43203	8108	5062	3822175	0	1.476	0	39.97308	-82.969
43204	42104	18901	23307543	820102	8.999	0.317	39.96129	-83.082
43205	12272	7306	6144054	52912	2.372	0.02	39.95702	-82.9621
43206	21864	11995	7778542	3522	3.003	0.001	39.94245	-82.9742
43207	45144	20217	60393119	2514672	23.318	0.971	39.89468	-82.9628
43209	27228	12442	16143071	256187	6.233	0.099	39.95362	-82.9307
43210	9432	414	4003189	185642	1.546	0.072	40.00544	-83.0232

43211	21600	10338	12215307	35845	4.716	0.014	40.01181	-82.9705
43212	18551	10720	9279523	165147	3.583	0.064	39.98715	-83.0428
43213	30444	15693	23323368	234794	9.005	0.091	39.96687	-82.8621
43214	24650	13169	17423062	213372	6.727	0.082	40.05173	-83.0163
43215	12790	8739	13139584	1577865	5.073	0.609	39.96686	-83.013
43217	2602	903	10629372	899	4.104	0	39.81642	-82.9228
43219	27123	12202	43644505	334844	16.851	0.129	40.00619	-82.9213
43220	24989	12419	17631261	368686	6.807	0.142	40.04915	-83.0742
43221	31265	14175	24192333	891066	9.341	0.344	40.02311	-83.0761
43222	4617	2162	3601555	165953	1.391	0.064	39.96119	-83.0355
43223	27366	11046	26072358	2134329	10.067	0.824	39.92763	-83.0334
43224	38699	18466	21670501	108541	8.367	0.042	40.04266	-82.9649
43227	21340	10140	10295564	23644	3.975	0.009	39.94406	-82.8904
43228	50737	23179	52420883	463414	20.24	0.179	39.96638	-83.1257
43229	46347	21920	22820924	161957	8.811	0.063	40.08587	-82.9782
43230	51161	22620	54205431	856103	20.929	0.331	40.03576	-82.8709
43231	19685	8494	11136142	124392	4.3	0.048	40.07933	-82.9348
43232	42201	19307	31746173	536332	12.257	0.207	39.92112	-82.8702
43235	38493	18199	34933370	651742	13.488	0.252	40.11836	-83.0276
43240	3469	1753	6485598	18496	2.504	0.007	40.14486	-82.9829
43302	54790	22966	5.05E+08	599126	195.088	0.231	40.59981	-83.1288
43310	3104	1480	1.66E+08	2077781	64.083	0.802	40.53533	-83.7864
43311	19240	8440	2.63E+08	767215	101.557	0.296	40.36563	-83.7564
43314	3173	1315	1.45E+08	0	55.82	0	40.64915	-82.9594
43315	7046	2877	2.1E+08	125092	81.02	0.048	40.48397	-82.8744
43316	6041	2596	1.86E+08	162656	71.965	0.063	40.95418	-83.3807
43317	168	65	521643	17947	0.201	0.007	40.47473	-82.6807
43318	3864	1482	1.77E+08	169023	68.17	0.065	40.30681	-83.9126
43319	1040	436	54184392	39529	20.921	0.015	40.30268	-83.5751
43320	1588	646	85811494	0	33.132	0	40.58854	-82.898
43321	267	118	1846878	0	0.713	0	40.45734	-82.8298
43322	374	155	841990	0	0.325	0	40.53218	-83.2078
43323	680	280	96250534	477485	37.163	0.184	40.72918	-83.2478
43324	2817	1828	73579796	4871990	28.409	1.881	40.44453	-83.8138
43326	13611	5943	4.77E+08	333487	184.122	0.129	40.63937	-83.6149
43330	118	56	279091	0	0.108	0	40.81349	-83.4194
43331	4485	3938	80440467	12056385	31.058	4.655	40.51794	-83.9216
43332	2323	919	1.64E+08	39051	63.249	0.015	40.5909	-83.3715
43333	894	350	78767133	41914	30.412	0.016	40.44302	-83.9246
43334	6651	2566	1.71E+08	151624	66.046	0.059	40.39976	-82.7989
43336	39	37	208906	0	0.081	0	40.29083	-83.5823
43337	1108	439	89721529	33729	34.642	0.013	40.68131	-83.2666
43338	10489	4489	2.49E+08	1189766	96.038	0.459	40.56417	-82.7603
43340	1721	639	1.24E+08	283674	48.022	0.11	40.54391	-83.476
43341	907	374	54787755	0	21.154	0	40.59657	-83.3153
43342	3228	1376	1.11E+08	359405	42.713	0.139	40.47124	-83.184
43343	1505	609	88509339	9785	34.174	0.004	40.30916	-83.9787

43344	5677	2343	2.51E+08	1664876	96.748	0.643	40.43093	-83.3446
43345	920	345	75668801	0	29.216	0	40.5112	-83.5838
43347	1530	595	76222429	0	29.43	0	40.47785	-83.6596
43348	1984	1727	5496193	1315719	2.122	0.508	40.46267	-83.8891
43351	10436	4663	4.03E+08	1045028	155.42	0.403	40.82548	-83.3033
43356	1103	472	55450009	65007	21.409	0.025	40.46508	-83.0326
43357	4763	1900	1.77E+08	218351	68.491	0.084	40.25358	-83.7468
43358	2521	1011	1.63E+08	927803	62.787	0.358	40.41456	-83.5377
43359	819	347	61787823	0	23.856	0	40.87349	-83.4549
43360	1593	726	77420650	130829	29.892	0.051	40.33314	-83.6435
43402	31327	14777	2.89E+08	2200414	111.712	0.85	41.41755	-83.6566
43403	5004	8	531800	0	0.205	0	41.37698	-83.6371
43406	1777	764	49559795	5760	19.135	0.002	41.3339	-83.4331
43407	639	256	38078195	0	14.702	0	41.27783	-83.2494
43408	269	111	1696864	0	0.655	0	41.57183	-83.3635
43410	10403	4371	1.35E+08	625769	52.299	0.242	41.31187	-82.9576
43412	4362	1796	74793046	1969525	28.878	0.76	41.62763	-83.3204
43413	1407	534	83442809	43891	32.217	0.017	41.24322	-83.6516
43416	2891	1265	71170960	296541	27.479	0.114	41.48394	-83.2672
43420	30579	13708	3.49E+08	10293534	134.795	3.974	41.35806	-83.1103
43430	4783	1996	65677110	132192	25.358	0.051	41.52221	-83.37
43431	4752	1938	1.26E+08	1542158	48.545	0.595	41.39076	-83.3353
43432	1366	536	58970363	45081	22.769	0.017	41.56326	-83.2525
43433	95	47	1296347	0	0.501	0	41.50469	-82.8803
43434	101	48	54927	0	0.021	0	41.69302	-83.4447
43435	1532	631	92914171	0	35.874	0	41.32531	-83.3129
43437	427	173	2606248	0	1.006	0	41.25369	-83.6023
43438	312	859	11261424	214833	4.348	0.083	41.60261	-82.7065
43439	113	48	143257	0	0.055	0	41.51767	-83.0413
43440	4875	6309	41688027	6587683	16.096	2.544	41.52627	-82.7768
43442	999	434	44948251	20574	17.355	0.008	41.42617	-83.2164
43443	1834	720	30284706	24043	11.693	0.009	41.46133	-83.4702
43445	1161	457	48903548	265876	18.882	0.103	41.58346	-83.2964
43446	25	384	3259255	59997	1.258	0.023	41.68351	-82.8087
43447	3450	1449	43750681	94341	16.892	0.036	41.56289	-83.4456
43449	8278	4288	2.19E+08	10982068	84.611	4.24	41.53438	-83.1356
43450	3619	1523	1.1E+08	9834	42.643	0.004	41.40087	-83.4913
43451	1119	454	63411473	157689	24.483	0.061	41.3183	-83.6175
43452	13811	10200	1.22E+08	13489757	47.001	5.208	41.51579	-82.9809
43456	608	1039	9444789	999165	3.647	0.386	41.64684	-82.8227
43457	1456	601	48033152	0	18.546	0	41.26733	-83.4275
43458	414	178	2573816	39915	0.994	0.015	41.53045	-83.2134
43460	6289	2798	7158546	791729	2.764	0.306	41.60119	-83.565
43462	1163	483	66526724	65743	25.686	0.025	41.28379	-83.7229
43463	18	12	19415	0	0.007	0	41.50867	-83.508
43464	1460	705	86139517	12290476	33.259	4.745	41.40488	-82.9241
43465	5059	2550	28559487	101977	11.027	0.039	41.56547	-83.5003

43466	2192	880	71873185	0	27.75	0	41.29536	-83.5148
43467	106	41	898187	0	0.347	0	41.2432	-83.4838
43468	451	147	1861425	0	0.719	0	41.59787	-83.3415
43469	3149	1280	59814791	77949	23.095	0.03	41.46062	-83.3639
43501	788	352	62578564	192972	24.162	0.075	41.67266	-84.4618
43502	6933	2834	1.78E+08	1092935	68.749	0.422	41.53115	-84.2969
43504	1094	453	39699638	0	15.328	0	41.69577	-83.8367
43505	96	49	253920	0	0.098	0	41.52395	-84.7313
43506	14830	6800	2.63E+08	864368	101.657	0.334	41.46621	-84.5571
43511	940	392	1.18E+08	29912	45.621	0.012	41.2624	-83.8148
43512	28674	12617	5.66E+08	7805040	218.724	3.014	41.30338	-84.3583
43515	7979	3228	2.11E+08	715353	81.646	0.276	41.58422	-84.0106
43516	2951	1227	1.82E+08	90484	70.355	0.035	41.21503	-83.9155
43517	3744	1549	1.68E+08	784312	64.791	0.303	41.43395	-84.7286
43518	2726	1129	1.78E+08	261758	68.586	0.101	41.59649	-84.7577
43519	184	78	3339594	6774	1.289	0.003	41.41936	-84.4071
43521	2811	1247	1.72E+08	863303	66.543	0.333	41.66049	-84.298
43522	3344	1420	81943296	2679291	31.638	1.034	41.41912	-83.8391
43523	62	26	3552266	0	1.372	0	41.33707	-83.9893
43524	1236	530	77957240	13318	30.099	0.005	41.22712	-84.0384
43525	1152	424	2945091	0	1.137	0	41.46658	-83.7045
43526	6072	2504	2.01E+08	21188	77.655	0.008	41.31281	-84.7253
43527	2287	953	1.36E+08	41927	52.569	0.016	41.24611	-84.1575
43528	16430	6806	48165069	93012	18.597	0.036	41.62886	-83.7496
43529	256	96	1864282	0	0.72	0	41.18761	-83.7816
43531	216	83	446557	0	0.172	0	41.63504	-84.4957
43532	4015	1590	1.21E+08	2450060	46.735	0.946	41.4505	-83.975
43533	1553	641	64828032	303902	25.03	0.117	41.69172	-84.0815
43534	1784	747	95588369	778138	36.907	0.3	41.34961	-83.927
43535	757	317	62108155	0	23.98	0	41.30728	-84.022
43536	394	155	39890394	0	15.402	0	41.30979	-84.6329
43537	27276	11991	47588260	2105174	18.374	0.813	41.57415	-83.6866
43540	1501	579	49050040	172322	18.938	0.067	41.69285	-83.928
43541	144	65	1008159	0	0.389	0	41.30076	-83.8295
43542	3591	1282	37644409	0	14.535	0	41.56668	-83.765
43543	7771	3634	2.27E+08	2307834	87.705	0.891	41.60649	-84.6453
43545	14034	6105	3.45E+08	6133633	133.061	2.368	41.39088	-84.1273
43547	284	118	1121931	0	0.433	0	41.49216	-83.8763
43548	700	295	61608924	0	23.787	0	41.18533	-84.1751
43549	1460	564	78298927	62728	30.231	0.024	41.37121	-84.5208
43551	37002	16231	2.05E+08	3129422	79.157	1.208	41.51795	-83.572
43553	252	94	423935	0	0.164	0	41.53123	-84.2288
43554	2408	1070	89218877	766143	34.448	0.296	41.65842	-84.5635
43555	200	94	1063189	0	0.41	0	41.43413	-84.2543
43556	1860	756	82488280	406389	31.849	0.157	41.30323	-84.5637
43557	3393	1194	1.15E+08	298455	44.209	0.115	41.48739	-84.3925
43558	13579	5485	2.15E+08	646942	83.016	0.25	41.59473	-83.8784

43560	32226	12869	54111491	192265	20.893	0.074	41.70059	-83.7389
43565	348	154	469978	0	0.181	0	41.41997	-83.7401
43566	7613	3035	50962435	2341609	19.677	0.904	41.49265	-83.7534
43567	13283	5416	2.93E+08	892862	113.045	0.345	41.58035	-84.1611
43569	2818	1199	89951133	6786	34.73	0.003	41.34983	-83.7892
43570	3106	1382	1.21E+08	157300	46.662	0.061	41.58812	-84.4411
43571	6783	2582	55450662	121970	21.41	0.047	41.51332	-83.8228
43604	10154	5704	7302262	642451	2.819	0.248	41.65153	-83.541
43605	28346	12398	18251430	2663683	7.047	1.028	41.64803	-83.5069
43606	26429	11822	16890097	7446	6.521	0.003	41.67314	-83.6114
43607	23958	12177	18632364	10178	7.194	0.004	41.64863	-83.6041
43608	16515	7374	9389658	0	3.625	0	41.67989	-83.5286
43609	23687	11031	13550128	2185716	5.232	0.844	41.62669	-83.5809
43610	5105	2699	3273343	0	1.264	0	41.67803	-83.5614
43611	19207	9003	18024687	8189272	6.959	3.162	41.70514	-83.485
43612	29674	13770	29953194	405876	11.565	0.157	41.70846	-83.5492
43613	31635	14630	15889270	0	6.135	0	41.70625	-83.6037
43614	29290	14667	23384827	925942	9.029	0.358	41.6042	-83.6301
43615	39441	19696	42012619	52543	16.221	0.02	41.65028	-83.6738
43616	20873	8990	1.04E+08	4940478	40.039	1.908	41.65837	-83.4089
43617	7500	2940	14179955	0	5.475	0	41.66464	-83.7283
43619	7499	3028	29138849	107656	11.251	0.042	41.60371	-83.4705
43620	5858	3335	2828868	0	1.092	0	41.66518	-83.5543
43623	20149	9683	17417566	30496	6.725	0.012	41.70295	-83.6501
43701	55643	25406	4.67E+08	7369287	180.334	2.845	39.96922	-81.991
43711	91	42	551042	516	0.213	0	39.84136	-81.5769
43713	7487	3417	2.38E+08	3228989	91.827	1.247	39.98774	-81.1746
43716	1973	1012	1.76E+08	553557	68.128	0.214	39.82925	-81.0119
43717	164	81	706258	0	0.273	0	39.78972	-81.5557
43718	3209	1407	1.38E+08	1534219	53.283	0.592	40.01478	-80.9983
43719	2601	1296	96679412	1023466	37.328	0.395	39.99734	-81.0791
43720	1300	729	1.18E+08	1423361	45.399	0.55	39.79608	-81.8764
43721	149	72	985834	2422	0.381	0.001	39.94999	-82.265
43722	420	229	1935118	0	0.747	0	39.91918	-81.5176
43723	4984	2263	45872482	193874	17.711	0.075	39.9606	-81.5395
43724	9201	3155	4.02E+08	2786918	155.157	1.076	39.7209	-81.4987
43725	20357	9612	3.46E+08	6335753	133.455	2.446	40.04499	-81.5893
43727	1473	653	1.95E+08	1445474	75.218	0.558	39.86139	-81.7851
43728	1250	604	96586277	203891	37.292	0.079	39.48014	-81.8951
43730	2503	1098	1.2E+08	672802	46.389	0.26	39.61864	-82.1014
43731	5461	2319	1.32E+08	1240089	50.87	0.479	39.72534	-82.0612
43732	1703	807	1.92E+08	2400379	74.271	0.927	39.84513	-81.6427
43733	95	39	2389842	0	0.923	0	39.92741	-81.5381
43734	1171	501	9896004	199768	3.821	0.077	39.88455	-81.891
43735	499	196	4045917	321261	1.562	0.124	39.86689	-82.1185
43736	55	37	267885	0	0.103	0	40.06124	-81.2379
43738	164	63	380763	0	0.147	0	39.85559	-82.1415

43739	2025	768	82524623	336922	31.863	0.13	39.90313	-82.2863
43740	256	115	976400	0	0.377	0	39.9522	-82.2128
43746	1425	585	54441334	43130	21.02	0.017	39.96542	-82.1839
43747	1083	474	81803119	306190	31.584	0.118	39.86081	-81.1249
43748	2755	1093	92571227	851695	35.742	0.329	39.69238	-82.3163
43749	2339	1217	2.55E+08	5362531	98.6	2.07	40.16678	-81.5615
43750	164	75	2794761	7765	1.079	0.003	39.99687	-81.5132
43754	1542	837	1.94E+08	13898	74.794	0.005	39.76081	-81.234
43755	1620	787	91972875	524078	35.511	0.202	40.05328	-81.4324
43756	5320	2841	3.69E+08	6510198	142.475	2.514	39.69175	-81.7955
43758	3315	1689	2.26E+08	1638811	87.075	0.633	39.6279	-81.9455
43759	66	34	361834	540	0.14	0	40.06573	-81.0748
43760	1831	730	89794213	153267	34.67	0.059	39.88863	-82.1947
43761	111	48	1608704	19168	0.621	0.007	39.66834	-82.1483
43762	5413	1945	1.88E+08	182806	72.647	0.071	40.02588	-81.7412
43764	8566	3501	1.57E+08	3469322	60.511	1.34	39.71234	-82.1925
43766	1648	772	96525521	729048	37.269	0.281	39.59327	-82.2529
43767	1443	602	82751678	40000	31.951	0.015	40.06427	-81.7837
43768	275	117	1645743	0	0.635	0	40.03779	-81.4449
43771	2007	902	64583648	1300858	24.936	0.502	39.83556	-81.9454
43772	1879	839	88411395	214161	34.136	0.083	39.88609	-81.5266
43773	3248	1521	2.74E+08	5843305	105.723	2.256	39.98239	-81.2985
43777	4714	2030	1.37E+08	844931	52.998	0.326	39.81873	-82.1139
43778	1526	677	1.17E+08	40192	45.195	0.016	39.99929	-81.3789
43779	971	431	91419334	65065	35.297	0.025	39.81957	-81.4278
43780	2106	1534	92146426	8699631	35.578	3.359	39.90868	-81.438
43782	849	367	31958382	248983	12.339	0.096	39.6218	-82.2125
43783	4704	1924	1.56E+08	1147343	60.233	0.443	39.80449	-82.2786
43786	32	19	551796	0	0.213	0	39.71046	-81.277
43787	2997	1608	1.95E+08	3129121	75.223	1.208	39.53028	-81.8037
43788	865	424	99827218	263285	38.544	0.102	39.80553	-81.3339
43793	5110	2555	2.68E+08	266485	103.524	0.103	39.74164	-81.0986
43802	1075	421	97542691	714077	37.661	0.276	40.09116	-81.8521
43804	3851	1058	82364881	88234	31.801	0.034	40.45079	-81.741
43805	71	39	3090787	37548	1.193	0.014	40.39297	-81.9726
43811	829	368	48765820	1000950	18.829	0.386	40.17989	-81.9208
43812	19061	8951	4.18E+08	5876650	161.517	2.269	40.26377	-81.8809
43821	4327	1886	2.14E+08	3246351	82.616	1.253	40.13675	-82.0005
43822	4626	1933	2.28E+08	129563	87.875	0.05	40.17885	-82.174
43824	3787	1345	1.98E+08	370145	76.448	0.143	40.36391	-81.7584
43830	6158	2424	1.32E+08	3214138	50.922	1.241	40.06282	-82.1375
43832	7479	3421	2.61E+08	1609439	100.794	0.621	40.27581	-81.5851
43836	128	68	404321	0	0.156	0	40.20872	-81.7197
43837	1973	837	1.33E+08	802883	51.192	0.31	40.29839	-81.4779
43840	1248	533	83151950	58512	32.105	0.023	40.41071	-81.6014
43842	355	142	1060358	0	0.409	0	40.13693	-82.0128
43843	1123	481	1.1E+08	117431	42.303	0.045	40.34901	-82.1756

43844	3869	1852	3.23E+08	258521	124.601	0.1	40.32539	-82.0607
43845	4711	2053	75344917	1053819	29.091	0.407	40.26523	-81.7314
43901	2219	1038	80859321	341715	31.22	0.132	40.22359	-80.8558
43902	202	113	44744279	847527	17.276	0.327	39.88285	-80.952
43903	2208	1035	96981335	428	37.445	0	40.47213	-80.9733
43905	237	120	1001495	15969	0.387	0.006	40.10249	-80.8403
43906	8678	4243	83464336	365288	32.226	0.141	40.01107	-80.8088
43907	6008	3051	4.1E+08	6797573	158.163	2.625	40.25461	-81.0246
43908	1574	722	80657289	115072	31.142	0.044	40.50627	-80.874
43910	3631	1584	1.43E+08	543960	55.24	0.21	40.37268	-80.8263
43912	6801	3377	48777993	280645	18.833	0.108	40.08543	-80.7955
43913	1490	750	6602412	475434	2.549	0.184	40.26768	-80.6357
43914	94	41	1501704	0	0.58	0	39.77526	-80.9528
43915	1495	761	1.38E+08	2528145	53.268	0.976	39.76346	-80.8994
43917	3136	1540	91825058	175917	35.454	0.068	40.23349	-80.7976
43920	23438	10847	1.16E+08	888260	44.875	0.343	40.6774	-80.595
43925	82	45	310045	0	0.12	0	40.44763	-80.8623
43926	285	129	610579	256764	0.236	0.099	40.50806	-80.6216
43927	74	36	1061593	20591	0.41	0.008	40.11974	-80.9371
43928	116	57	3411735	87458	1.317	0.034	40.01041	-80.9148
43930	882	429	97429567	314669	37.618	0.121	40.56321	-80.7628
43931	272	133	945697	0	0.365	0	39.67334	-80.8726
43932	931	411	47404247	69349	18.303	0.027	40.51699	-80.7607
43933	2070	1013	1.23E+08	961056	47.582	0.371	39.93523	-80.8958
43934	295	149	557026	2963	0.215	0.001	40.07793	-80.7893
43935	8943	4358	50693949	193459	19.573	0.075	40.12777	-80.7554
43938	5794	2744	82822349	816816	31.978	0.315	40.3045	-80.6733
43939	513	246	2367902	0	0.914	0	40.16715	-80.8
43940	377	174	1590740	29974	0.614	0.012	40.029	-80.8273
43942	2500	1222	54287517	740428	20.961	0.286	39.86103	-80.8549
43943	3472	1604	1.08E+08	868174	41.697	0.335	40.20957	-80.7331
43944	2529	1136	74386876	30002	28.721	0.012	40.42934	-80.769
43945	3191	1437	1.68E+08	924441	64.915	0.357	40.63683	-80.848
43946	2114	1093	1.52E+08	1178157	58.83	0.455	39.65217	-80.9649
43947	5322	2581	44008953	276090	16.992	0.107	39.95614	-80.8076
43948	670	327	1832643	0	0.708	0	40.27013	-80.7783
43950	16762	6459	2.27E+08	2645009	87.705	1.021	40.09689	-80.9247
43951	84	39	381385	7002	0.147	0.003	40.1119	-81.0116
43952	19050	9004	66913100	956229	25.835	0.369	40.40682	-80.6628
43953	11553	5380	46905390	219	18.11	0	40.35252	-80.7025
43961	294	151	1060119	202353	0.409	0.078	40.52499	-80.6303
43962	112	47	3344527	0	1.291	0	40.67204	-80.8799
43963	1362	678	1146766	81096	0.443	0.031	40.17137	-80.6969
43964	9575	4498	1.23E+08	1972828	47.676	0.762	40.48091	-80.6625
43967	21	11	263745	0	0.102	0	40.02646	-80.9401
43968	7182	3384	88802765	437083	34.287	0.169	40.63241	-80.6838
43970	31	19	461277	0	0.178	0	40.4632	-80.8891

43971	1150	607	3165887	4676	1.222	0.002	40.15911	-80.7134
43972	144	66	341137	994	0.132	0	40.10259	-80.9731
43973	1996	1213	2.34E+08	3310440	90.217	1.278	40.19027	-81.2763
43974	107	51	170700	0	0.066	0	40.18224	-80.8876
43976	1632	699	60729908	318272	23.448	0.123	40.37356	-80.9208
43977	2407	1116	1.19E+08	5551216	45.97	2.143	40.13485	-81.0834
43983	440	547	53240698	5128721	20.556	1.98	40.14143	-81.1991
43985	128	51	1069063	7506	0.413	0.003	40.16393	-81.1327
43986	1975	919	1.04E+08	252103	40.117	0.097	40.3852	-80.9956
43988	2476	1354	1.35E+08	1680900	52.115	0.649	40.40113	-81.1208
44001	20769	8552	88958329	643971	34.347	0.249	41.36633	-82.2599
44003	4676	2283	1.73E+08	13553499	66.727	5.233	41.61574	-80.5859
44004	33421	16190	1.87E+08	14430954	72.316	5.572	41.85594	-80.7919
44010	1667	702	49477578	317105	19.103	0.122	41.76528	-80.8475
44011	21193	8007	53891271	148800	20.808	0.057	41.44516	-82.0051
44012	22581	9411	28823985	6996870	11.129	2.702	41.49834	-82.0174
44017	19161	7986	16097890	281274	6.215	0.109	41.37055	-81.8618
44021	6444	2388	1.06E+08	3383878	40.906	1.307	41.44326	-81.1445
44022	16516	7104	78744832	1128096	30.404	0.436	41.44627	-81.403
44023	17351	6921	1.34E+08	6609452	51.676	2.552	41.38475	-81.2858
44024	23557	9656	2.34E+08	2899002	90.273	1.119	41.57777	-81.1924
44026	11116	4493	73635811	760024	28.431	0.293	41.52815	-81.3247
44028	8467	3234	85984784	569444	33.199	0.22	41.30052	-81.9374
44030	16652	7348	1.53E+08	9319632	59.205	3.598	41.89664	-80.5852
44032	1557	641	1.04E+08	72294	40.25	0.028	41.66925	-80.6701
44035	64263	29454	1.24E+08	1284765	47.758	0.496	41.36415	-82.1371
44039	29563	12153	61314737	363781	23.674	0.14	41.38615	-82.0247
44040	3020	1300	24841303	336398	9.591	0.13	41.53566	-81.4107
44041	14979	7189	1.67E+08	4229122	64.523	1.633	41.7769	-80.9499
44044	15951	4653	1.43E+08	1162849	55.272	0.449	41.26628	-82.0418
44045	422	183	2437680	419751	0.941	0.162	41.74866	-81.2843
44046	2222	779	39916823	1892558	15.412	0.731	41.54255	-81.0687
44047	9213	3881	2.73E+08	717043	105.417	0.277	41.72793	-80.7359
44048	2565	1001	78815014	109938	30.431	0.042	41.85026	-80.6393
44049	238	106	926908	9900	0.358	0.004	41.26653	-82.3058
44050	6118	2340	65955856	293645	25.466	0.113	41.24873	-82.1282
44052	29850	13911	23904973	3219213	9.23	1.243	41.45938	-82.1646
44053	18256	8511	30724409	2148282	11.863	0.829	41.42662	-82.2255
44054	12591	5441	32391850	3487229	12.507	1.346	41.4716	-82.0903
44055	19846	8509	17190997	76042	6.637	0.029	41.43406	-82.1341
44056	11157	4535	25256357	97515	9.752	0.038	41.31492	-81.5016
44057	19961	8470	1.29E+08	818935	49.998	0.316	41.76012	-81.0603
44060	60211	26030	99769562	3889166	38.521	1.502	41.67653	-81.3281
44062	14972	4455	1.98E+08	835410	76.564	0.323	41.45181	-81.0367
44064	1657	678	58300706	838287	22.51	0.324	41.59806	-81.0323
44065	4433	1838	56338684	1640487	21.752	0.633	41.47592	-81.2216
44067	20441	9027	43834030	62384	16.924	0.024	41.31628	-81.5429

44070	32902	14610	30220520	0	11.668	0	41.41503	-81.9189
44072	4383	1847	48561570	486119	18.75	0.188	41.47115	-81.3249
44074	11679	4373	1.28E+08	774739	49.472	0.299	41.2895	-82.2312
44076	5141	1964	1.78E+08	332081	68.651	0.128	41.53088	-80.8237
44077	56491	23465	1.56E+08	3095219	60.188	1.195	41.69756	-81.2097
44080	226	108	2581008	39715	0.997	0.015	41.36627	-81.0579
44081	7088	2677	52874627	203766	20.415	0.079	41.76426	-81.143
44082	1619	626	87749846	51867	33.88	0.02	41.76187	-80.5675
44084	3611	1645	1.1E+08	1501136	42.525	0.58	41.67138	-80.8992
44085	3277	1474	1.31E+08	859634	50.43	0.332	41.60327	-80.8745
44086	2391	978	71408941	551657	27.571	0.213	41.67573	-81.0586
44087	20221	8527	45672120	166454	17.634	0.064	41.31317	-81.4387
44089	15899	7626	89436180	7747952	34.532	2.992	41.39208	-82.3775
44090	11504	4747	2.7E+08	2082787	104.066	0.804	41.16752	-82.2287
44092	16835	8054	19338131	71999	7.466	0.028	41.59991	-81.4687
44093	1467	668	83304772	284500	32.164	0.11	41.53079	-80.6144
44094	35234	17159	1.02E+08	946851	39.212	0.366	41.61072	-81.3793
44095	33579	15098	23505040	337405	9.075	0.13	41.65233	-81.4417
44099	2314	735	56930620	218854	21.981	0.085	41.54921	-80.9833
44101	565	0	85486	0	0.033	0	41.48938	-81.6675
44102	45014	22295	15654355	3532656	6.044	1.364	41.47922	-81.7383
44103	18123	10722	11305937	1243143	4.365	0.48	41.51942	-81.6421
44104	22640	11643	12240278	18728	4.726	0.007	41.48385	-81.6267
44105	40089	21498	22690774	233749	8.761	0.09	41.44948	-81.6303
44106	26896	14107	10919213	76016	4.216	0.029	41.50518	-81.6055
44107	52244	28565	14286017	3002597	5.516	1.159	41.48386	-81.8017
44108	25679	14809	10979422	1505538	4.239	0.581	41.54478	-81.6074
44109	40646	19407	18768875	238238	7.247	0.092	41.44758	-81.6945
44110	20136	11789	10910516	1190520	4.213	0.46	41.56939	-81.5647
44111	39778	18953	16153411	0	6.237	0	41.45827	-81.7886
44112	23073	14923	10469364	30688	4.042	0.012	41.53584	-81.5741
44113	19213	10479	9917299	517756	3.829	0.2	41.48324	-81.6972
44114	5225	3603	7504435	4443354	2.897	1.716	41.51843	-81.6803
44115	8307	3730	5727308	119830	2.211	0.046	41.49355	-81.6712
44116	20268	10238	12372855	2261066	4.777	0.873	41.47296	-81.8538
44117	10224	5712	9880449	21280	3.815	0.008	41.57092	-81.5237
44118	40438	18414	18422648	46949	7.113	0.018	41.50234	-81.5566
44119	12482	6490	5497435	1135616	2.123	0.438	41.58935	-81.5474
44120	38196	21578	13776271	109426	5.319	0.042	41.47395	-81.58
44121	33220	15108	16247413	0	6.273	0	41.5265	-81.5321
44122	34057	15717	34239694	63069	13.22	0.024	41.46949	-81.5124
44123	17637	9034	6708251	1111165	2.59	0.429	41.6047	-81.5241
44124	38282	19334	37606601	123698	14.52	0.048	41.4966	-81.4676
44125	28730	12919	36843207	751312	14.225	0.29	41.40556	-81.6089
44126	16771	8052	12014927	0	4.639	0	41.44182	-81.853
44127	5586	3231	4907885	2513	1.895	0.001	41.47302	-81.6504
44128	29274	14357	21857905	18865	8.439	0.007	41.43987	-81.5385

44129	29090	12918	15257333	80312	5.891	0.031	41.39046	-81.7353
44130	50639	24420	44348303	56981	17.123	0.022	41.37664	-81.7873
44131	20469	8657	41643639	307560	16.079	0.119	41.38316	-81.6517
44132	14071	7423	8054897	796564	3.11	0.308	41.60629	-81.4973
44133	30394	13690	54883582	32389	21.191	0.013	41.31366	-81.7452
44134	38800	17380	24844783	19932	9.593	0.008	41.38049	-81.701
44135	26861	12388	26137112	13437	10.092	0.005	41.42791	-81.8172
44136	25608	10806	35250403	2279	13.61	0.001	41.31149	-81.8084
44137	23240	10929	13334925	0	5.149	0	41.40922	-81.5625
44138	22332	9775	35607985	0	13.748	0	41.37366	-81.9233
44139	24356	9174	59388990	494696	22.93	0.191	41.38326	-81.4442
44140	15651	6436	11825091	6444600	4.566	2.488	41.48782	-81.9314
44141	13945	5738	61408329	292760	23.71	0.113	41.29967	-81.6165
44142	19201	8167	19792672	6932	7.642	0.003	41.39966	-81.8343
44143	24499	11911	36430023	39374	14.066	0.015	41.55405	-81.4755
44144	21089	10393	14454776	94388	5.581	0.036	41.43747	-81.7397
44145	32729	14843	41247991	9744	15.926	0.004	41.44953	-81.9302
44146	29761	15313	51853723	295357	20.021	0.114	41.38122	-81.5292
44147	19480	8265	34101365	54488	13.167	0.021	41.31816	-81.6793
44149	19177	7683	28926189	15961	11.168	0.006	41.31591	-81.8562
44201	6917	2751	1.42E+08	2362586	54.694	0.912	41.02866	-81.1843
44202	19561	8056	78462433	3180888	30.295	1.228	41.31509	-81.3384
44203	41248	18234	90662894	3468873	35.005	1.339	41.02089	-81.6287
44212	43548	17259	56083643	95849	21.654	0.037	41.2445	-81.8287
44214	2076	786	70879219	343725	27.367	0.133	40.95192	-81.9998
44215	2162	1097	3811342	537599	1.472	0.208	41.06776	-81.8958
44216	9418	3733	60169778	3563940	23.232	1.376	40.94578	-81.5817
44217	4142	1686	74703865	147549	28.843	0.057	40.95229	-81.9134
44221	29587	14602	16890025	100091	6.521	0.039	41.13899	-81.475
44223	18185	8208	38769908	102344	14.969	0.04	41.16967	-81.5311
44224	38742	17063	51646230	1123213	19.941	0.434	41.17626	-81.4365
44230	8252	3357	44571653	120339	17.209	0.046	40.96427	-81.6876
44231	8308	3415	1.27E+08	767640	49.121	0.296	41.30296	-81.0705
44233	7646	2859	69162378	360814	26.704	0.139	41.24908	-81.7379
44234	4192	1440	64125642	540839	24.759	0.209	41.32581	-81.1522
44235	1825	603	64838809	86485	25.034	0.033	41.03112	-82.1168
44236	25296	9145	88050182	744405	33.996	0.287	41.24643	-81.4496
44240	37927	17647	1.04E+08	3197190	40.228	1.234	41.13232	-81.3328
44241	16428	7236	55633898	1810456	21.48	0.699	41.24262	-81.3477
44243	5658	0	1252334	0	0.484	0	41.14796	-81.3414
44250	1253	547	1129056	399740	0.436	0.154	41.0203	-81.4373
44251	850	368	3757851	0	1.451	0	41.02914	-81.9274
44253	3218	1216	63794500	47031	24.631	0.018	41.16687	-82.032
44254	4833	2207	68088601	66429	26.289	0.026	41.04295	-82.0144
44255	7987	3267	1.09E+08	1636173	42.044	0.632	41.28669	-81.2291
44256	62039	24740	3.45E+08	2311324	133.227	0.892	41.13987	-81.8606
44260	13450	5447	85633956	6832593	33.063	2.638	41.03519	-81.3384

44262	5016	2189	5889416	176845	2.274	0.068	41.13958	-81.4361
44264	2315	1115	55222893	189555	21.322	0.073	41.22961	-81.54
44265	51	18	409099	4149	0.158	0.002	41.03572	-81.2531
44266	33581	14741	2.38E+08	6674558	91.816	2.577	41.16625	-81.2082
44270	8890	3674	54226368	290182	20.937	0.112	40.96094	-81.7745
44272	5208	2030	58075758	437131	22.423	0.169	41.08976	-81.1805
44273	6718	2681	1E+08	123055	38.757	0.048	41.028	-81.8779
44274	225	90	1118017	0	0.432	0	41.09834	-81.7327
44275	3521	1342	1E+08	466203	38.625	0.18	41.10186	-82.1026
44276	1906	697	49056721	43228	18.941	0.017	40.93784	-81.8357
44278	17868	7518	38422405	140875	14.835	0.054	41.10612	-81.4256
44280	4557	1761	63463133	10564	24.503	0.004	41.24919	-81.9307
44281	29954	12491	1.24E+08	115325	47.736	0.045	41.05959	-81.7411
44285	85	34	358543	0	0.138	0	41.15967	-81.0716
44286	6109	2407	61864829	104413	23.886	0.04	41.23315	-81.644
44287	7559	2933	1.73E+08	1133574	66.776	0.438	40.94014	-82.0984
44288	4118	1804	42486549	177704	16.404	0.069	41.2391	-81.0761
44301	15340	7269	9153301	144924	3.534	0.056	41.04349	-81.524
44302	5524	3135	2431494	0	0.939	0	41.08944	-81.5387
44303	7700	4183	5978407	0	2.308	0	41.10469	-81.5369
44304	5916	1903	3902624	0	1.507	0	41.08317	-81.5078
44305	22294	10504	16957399	60041	6.547	0.023	41.0753	-81.4617
44306	22492	10634	21465807	0	8.288	0	41.03935	-81.4832
44307	7643	4159	4975726	17870	1.921	0.007	41.06946	-81.5461
44308	1392	460	1274415	0	0.492	0	41.08166	-81.517
44310	22786	11182	15561469	55805	6.008	0.022	41.10517	-81.4946
44311	8782	3847	4944792	0	1.909	0	41.06423	-81.5207
44312	31919	14709	49644847	893891	19.168	0.345	41.01412	-81.4437
44313	24935	13241	35854881	23392	13.844	0.009	41.13006	-81.5727
44314	18825	8882	11295609	390392	4.361	0.151	41.04107	-81.5601
44319	22686	10581	48641231	5130002	18.78	1.981	40.9815	-81.5276
44320	19937	9780	25259624	143001	9.753	0.055	41.07314	-81.5824
44321	15200	6290	39417080	776768	15.219	0.3	41.08865	-81.6524
44333	18763	8073	72104690	457823	27.84	0.177	41.16061	-81.6309
44401	2892	1249	83298529	4976982	32.162	1.922	41.02099	-80.9386
44402	3352	1349	93752884	1508810	36.198	0.583	41.38029	-80.8525
44403	3820	1827	36694971	0	14.168	0	41.24032	-80.5821
44404	1624	678	44134226	1522021	17.04	0.588	41.32411	-80.5566
44405	8229	3971	9097376	81982	3.513	0.032	41.07798	-80.5924
44406	22054	9368	1.38E+08	3211512	53.186	1.24	41.01088	-80.7704
44408	10331	4650	92226593	1447617	35.609	0.559	40.88614	-80.6884
44410	17409	7772	1.76E+08	26539294	68.036	10.247	41.34633	-80.7278
44411	2181	1089	46200349	4965722	17.838	1.917	41.03642	-81.0377
44412	2644	1050	59165359	541993	22.844	0.209	41.09387	-81.0266
44413	7261	3204	61430984	25409	23.719	0.01	40.8439	-80.5493
44417	1659	684	86303372	0	33.322	0	41.43634	-80.6639
44418	1357	556	45133213	0	17.426	0	41.30737	-80.6035

44420	15429	7189	40506645	529741	15.64	0.205	41.17911	-80.6828
44423	2425	1159	70829746	438454	27.348	0.169	40.74852	-80.8959
44425	14898	6793	79940596	370946	30.865	0.143	41.17044	-80.5735
44427	1612	638	79243550	111660	30.596	0.043	40.70917	-80.9499
44428	3290	1420	1.41E+08	7319767	54.467	2.826	41.43682	-80.5738
44429	2576	1511	16824241	6752086	6.496	2.607	41.09714	-80.9796
44430	5270	1662	35537218	417357	13.721	0.161	41.24023	-80.9082
44431	4727	1972	68027353	308785	26.266	0.119	40.85161	-80.7495
44432	13693	4872	2.67E+08	1663552	103.231	0.642	40.74447	-80.7667
44436	3836	1713	60010222	726220	23.17	0.28	41.05877	-80.5348
44437	4252	1787	10211388	2186	3.943	0.001	41.15594	-80.7299
44438	4751	2263	22508866	72524	8.691	0.028	41.23963	-80.5306
44439	115	40	451892	0	0.174	0	41.45575	-80.9564
44440	4967	1992	21619465	2930069	8.347	1.131	41.14118	-80.8029
44441	1600	716	41567388	814882	16.049	0.315	40.75605	-80.5502
44442	4006	1708	22699662	197669	8.764	0.076	40.96617	-80.5461
44443	1704	772	33264031	575249	12.843	0.222	40.93367	-80.6044
44444	10454	4781	1.1E+08	909947	42.659	0.351	41.17112	-80.9744
44445	3449	1406	42921417	284015	16.572	0.11	40.84832	-80.62
44446	20955	10272	35039806	1028453	13.529	0.397	41.18956	-80.7493
44449	1323	810	30667346	1216789	11.841	0.47	40.97529	-81.0371
44450	2042	828	1.18E+08	3969330	45.71	1.533	41.45301	-80.8345
44451	3032	1321	97080315	1555655	37.483	0.601	41.07937	-80.8682
44452	3167	1270	34587219	2198838	13.354	0.849	40.94737	-80.664
44454	1153	453	21461535	381581	8.286	0.147	40.91746	-80.5517
44455	1890	766	53483943	15545	20.65	0.006	40.7723	-80.6102
44460	26732	11853	2.83E+08	1337344	109.332	0.516	40.89932	-80.8702
44470	3790	1555	69331410	77680	26.769	0.03	41.30033	-80.9728
44471	11097	5068	11417578	235706	4.408	0.091	41.04856	-80.5902
44473	3823	1848	62348840	47096	24.073	0.018	41.25496	-80.6499
44481	10408	4601	1.49E+08	140688	57.401	0.054	41.17664	-80.9023
44483	26006	12771	47383392	24366	18.295	0.009	41.26357	-80.8168
44484	22991	10929	45305797	22764	17.493	0.009	41.23586	-80.7502
44485	16498	8304	20019778	25676	7.73	0.01	41.24036	-80.8476
44490	798	355	1958548	24690	0.756	0.01	40.89629	-80.7681
44491	3515	1197	76891397	235732	29.688	0.091	41.36843	-80.9644
44493	25	14	648867	0	0.251	0	40.82502	-80.8886
44502	10204	4902	14510198	328961	5.602	0.127	41.08279	-80.6395
44503	1021	438	1164199	89530	0.449	0.035	41.09933	-80.6491
44504	5262	2527	3229013	5435	1.247	0.002	41.12351	-80.6547
44505	19357	8800	45329564	611181	17.502	0.236	41.12924	-80.6221
44506	2707	1374	4665485	150256	1.801	0.058	41.093	-80.6264
44507	5863	3119	4512206	0	1.742	0	41.07423	-80.6553
44509	11975	5946	14139098	136755	5.459	0.053	41.10851	-80.6961
44510	2499	1375	4939910	93495	1.907	0.036	41.12225	-80.6734
44511	19672	9889	19241379	411429	7.429	0.159	41.06909	-80.6967
44512	34424	16647	44612939	443723	17.225	0.171	41.02566	-80.6683

44514	22472	10127	55830142	3308828	21.556	1.278	41.00061	-80.6064
44515	27766	13320	49670129	4117159	19.178	1.59	41.10068	-80.7618
44601	35294	15367	2.12E+08	7805055	81.809	3.014	40.92027	-81.1292
44606	7819	2288	1.09E+08	149723	41.955	0.058	40.734	-81.7944
44607	234	85	5422409	0	2.094	0	40.68952	-81.0257
44608	2666	1097	56189659	250726	21.695	0.097	40.65643	-81.5928
44609	3987	1741	77813477	1056792	30.044	0.408	40.91741	-80.9901
44610	263	132	460437	0	0.178	0	40.55963	-81.7998
44611	2025	827	75293035	123090	29.071	0.048	40.6101	-82.075
44612	5293	2210	66542933	149361	25.692	0.058	40.63312	-81.476
44613	2011	829	5048691	20611	1.949	0.008	40.71297	-81.6007
44614	12595	5062	58118662	753912	22.44	0.291	40.88955	-81.5763
44615	11125	5305	3.73E+08	2565497	143.939	0.991	40.56454	-81.0748
44618	6858	2556	1.09E+08	199661	42.245	0.077	40.77038	-81.6811
44620	1567	724	58949751	669340	22.761	0.258	40.57812	-81.2101
44621	4624	2070	78248959	90080	30.212	0.035	40.43696	-81.2979
44622	18588	8060	1.42E+08	1283742	54.769	0.496	40.54603	-81.483
44624	5397	1549	1.26E+08	653048	48.796	0.252	40.60853	-81.6621
44625	1418	555	49114274	332654	18.963	0.128	40.76337	-81.0037
44626	2977	1271	71124851	69017	27.461	0.027	40.6889	-81.3818
44627	6845	1628	1.2E+08	233221	46.449	0.09	40.664	-81.8364
44628	1067	497	99751193	374251	38.514	0.144	40.5347	-82.1688
44629	2403	1017	53544148	1613383	20.674	0.623	40.35415	-81.4414
44632	9765	3801	70855865	1164376	27.358	0.45	40.96323	-81.313
44633	2615	765	59752561	68143	23.071	0.026	40.62976	-81.9353
44634	2164	858	49260478	70835	19.02	0.027	40.83799	-81.0414
44637	2694	1184	1.44E+08	193573	55.543	0.075	40.48956	-82.039
44638	1497	658	72807869	1087311	28.111	0.42	40.65062	-82.1411
44640	151	65	608424	18201	0.235	0.007	40.98554	-81.1507
44641	20349	8357	1.4E+08	332392	54.139	0.128	40.8574	-81.2465
44643	3239	1395	84842252	109387	32.758	0.042	40.63873	-81.3029
44644	4791	2380	57340112	2099637	22.139	0.811	40.68701	-81.1764
44645	2465	956	64245577	384283	24.805	0.148	40.91206	-81.7194
44646	47525	20677	74835973	539354	28.894	0.208	40.81438	-81.4972
44647	18015	7860	74247576	416887	28.667	0.161	40.79786	-81.5651
44651	861	348	62400699	23067	24.093	0.009	40.62806	-80.9511
44652	80	31	161753	0	0.062	0	40.90022	-81.3261
44653	599	227	1038675	0	0.401	0	40.43611	-81.3703
44654	19679	6459	4.07E+08	1485936	157.134	0.574	40.53794	-81.8709
44656	2968	1389	1.07E+08	1785320	41.466	0.689	40.56872	-81.3349
44657	10334	4464	1.7E+08	377039	65.712	0.146	40.7411	-81.0927
44659	163	69	314097	0	0.121	0	40.69492	-81.7026
44661	171	80	158365	0	0.061	0	40.59563	-82.113
44662	9656	3986	1.56E+08	582892	60.051	0.225	40.71101	-81.5563
44663	25362	11435	2.42E+08	2055296	93.25	0.794	40.45999	-81.4524
44666	2928	1145	60799815	323528	23.475	0.125	40.84834	-81.6387
44667	13481	5605	1.2E+08	223290	46.46	0.086	40.83382	-81.7665

44669	1382	585	45020474	82023	17.383	0.032	40.79247	-81.1575
44670	235	99	435754	0	0.168	0	40.76264	-81.1888
44671	380	166	2083708	0	0.805	0	40.64603	-81.3657
44672	4874	2507	8470074	59863	3.27	0.023	40.92	-81.0253
44675	2082	1188	78969123	3961435	30.49	1.53	40.50236	-81.2538
44676	4877	1935	1.42E+08	591481	54.792	0.228	40.69077	-82.0338
44677	2543	1044	42686742	36908	16.481	0.014	40.87452	-81.8586
44678	152	73	2412247	0	0.931	0	40.56664	-81.3499
44680	4138	1805	46790226	79360	18.066	0.031	40.60557	-81.5415
44681	7799	2580	1.54E+08	57297	59.381	0.022	40.50795	-81.6618
44682	803	361	974469	0	0.376	0	40.39726	-81.4053
44683	8550	3795	1.77E+08	2214312	68.465	0.855	40.36483	-81.3253
44685	27556	10723	66344958	161567	25.616	0.062	40.95541	-81.4244
44687	249	25	168429	0	0.065	0	40.53792	-81.72
44688	3053	1290	59508111	5912	22.976	0.002	40.68391	-81.2554
44689	638	234	9483773	4738	3.662	0.002	40.64521	-81.6591
44690	166	80	780454	1967	0.301	0.001	40.61311	-81.6936
44691	43753	18882	4.06E+08	1768865	156.791	0.683	40.80576	-81.9825
44693	86	69	2501675	0	0.966	0	40.30186	-81.1862
44695	1608	837	78052784	1539051	30.136	0.594	40.44201	-81.1702
44697	187	89	1569974	179973	0.606	0.069	40.61206	-81.4242
44699	937	551	1.41E+08	7496454	54.582	2.894	40.27729	-81.2809
44702	1053	592	1391166	0	0.537	0	40.79979	-81.3758
44703	8895	4750	2838344	0	1.096	0	40.81056	-81.3814
44704	3811	2015	6270168	0	2.421	0	40.80039	-81.3404
44705	18772	8145	21241497	231933	8.201	0.09	40.83461	-81.3311
44706	18246	7804	48126688	0	18.582	0	40.75353	-81.4186
44707	9208	4374	37218428	0	14.37	0	40.76109	-81.3498
44708	25109	12155	26521175	908567	10.24	0.351	40.81788	-81.4359
44709	18905	9195	14906974	0	5.756	0	40.84234	-81.3862
44710	9179	4255	5763725	0	2.225	0	40.78971	-81.426
44714	9056	4353	6802658	36191	2.627	0.014	40.83632	-81.3583
44718	11951	5722	21286728	812069	8.219	0.314	40.84762	-81.4513
44720	39010	17282	88159075	550455	34.038	0.213	40.90344	-81.4333
44721	13560	5189	39827938	63649	15.378	0.025	40.89258	-81.3321
44730	6050	2577	95767316	13215	36.976	0.005	40.76702	-81.2658
44802	1032	395	73683204	0	28.449	0	41.04563	-83.4194
44804	1202	473	52509331	0	20.274	0	41.10559	-83.5341
44805	32345	13616	3.97E+08	2039546	153.279	0.787	40.87267	-82.317
44807	2381	1046	1.85E+08	182787	71.414	0.071	41.0598	-82.8769
44809	293	127	826900	0	0.319	0	41.13349	-83.2889
44811	12867	5544	3.04E+08	814554	117.467	0.315	41.24633	-82.8466
44813	8051	3201	1.86E+08	570294	71.705	0.22	40.59985	-82.5297
44814	2929	1138	68148744	89648	26.312	0.035	41.32411	-82.4722
44815	637	309	2935076	0	1.133	0	41.24661	-83.2395
44816	42	28	66786	0	0.026	0	41.3302	-82.3525
44817	1562	603	82130893	32118	31.711	0.012	41.20385	-83.5495

44818	2644	1081	1.89E+08	317614	73.147	0.123	40.99834	-82.9894
44820	18102	8374	4.15E+08	1446250	160.137	0.558	40.81719	-82.974
44822	3240	1230	1.13E+08	421974	43.518	0.163	40.55669	-82.3981
44824	4060	1675	64296514	1537919	24.825	0.594	41.38323	-82.8059
44825	58	25	102850	0	0.04	0	40.9542	-82.9432
44826	1687	656	68397511	86189	26.408	0.033	41.24234	-82.4776
44827	7097	3213	1.23E+08	230153	47.528	0.089	40.82244	-82.7551
44828	166	71	564579	0	0.218	0	41.23194	-82.8609
44830	18962	8618	3.09E+08	1089736	119.114	0.421	41.16814	-83.3973
44833	17121	8006	2.36E+08	694807	91.108	0.268	40.71059	-82.7937
44836	2654	1029	90824390	241889	35.067	0.093	41.23642	-83.0599
44837	4514	1727	1.75E+08	815173	67.654	0.315	41.02122	-82.4727
44838	266	111	806166	1729	0.311	0.001	40.77158	-82.2561
44839	12519	6503	91556382	17937242	35.35	6.926	41.38095	-82.5569
44840	2900	1143	1.2E+08	317128	46.36	0.122	40.78797	-82.1783
44841	710	295	49269212	0	19.023	0	41.25121	-83.306
44842	5436	2363	1.87E+08	635613	72.287	0.245	40.64929	-82.2246
44843	2387	1019	70792358	259578	27.333	0.1	40.6895	-82.4076
44844	764	309	45630581	38925	17.618	0.015	40.99208	-83.2609
44846	3301	1310	59437644	585168	22.949	0.226	41.31941	-82.6058
44847	3739	1512	1.82E+08	782374	70.14	0.302	41.23041	-82.7129
44849	2260	945	1.26E+08	0	48.724	0	40.80926	-83.1305
44850	148	64	980862	0	0.379	0	41.03539	-82.684
44851	5308	2251	1.92E+08	1938699	74.241	0.749	41.10918	-82.3916
44853	1397	545	70666219	0	27.284	0	41.05529	-83.303
44854	1749	753	1.01E+08	34751	38.909	0.013	40.94365	-82.8678
44855	1271	477	69975100	205252	27.018	0.079	41.10639	-82.5916
44856	128	58	130078	0	0.05	0	40.79397	-82.8568
44857	23805	10206	2.15E+08	1411541	83.062	0.545	41.2165	-82.5776
44859	1737	692	78526283	529089	30.319	0.204	41.02196	-82.3307
44861	64	25	69895	0	0.027	0	41.23948	-83.1479
44864	3204	1530	1.53E+08	3812000	59.114	1.472	40.66761	-82.3206
44865	3434	1419	91941868	531911	35.499	0.205	40.99341	-82.6769
44866	2259	825	67277480	332851	25.976	0.129	40.92401	-82.1978
44867	2351	956	1.58E+08	7837	60.929	0.003	41.14904	-82.9822
44870	41030	20059	1.51E+08	88354063	58.292	34.114	41.42828	-82.7448
44874	394	145	1224807	22221	0.473	0.009	40.96787	-82.3673
44875	13818	6161	2.05E+08	997198	79.068	0.385	40.88999	-82.6517
44878	3147	1103	1.57E+08	667266	60.478	0.258	40.94162	-82.5207
44880	2864	1069	79737195	592829	30.787	0.229	41.0346	-82.2201
44881	70	26	103251	0	0.04	0	40.87002	-82.876
44882	2909	1231	1.9E+08	76575	73.42	0.03	40.94664	-83.1401
44883	29413	12559	4.32E+08	3552025	166.885	1.371	41.12333	-83.1739
44887	1020	417	77761096	20583	30.024	0.008	40.91619	-82.7907
44889	6703	2747	2.05E+08	1483835	78.996	0.573	41.24588	-82.3824
44890	11162	4801	2.27E+08	2481565	87.633	0.958	41.08517	-82.7106
44901	2501	0	303091	0	0.117	0	40.79171	-82.5094

44902	5432	2818	4839811	0	1.869	0	40.75816	-82.5106
44903	25602	11597	2.96E+08	8975190	114.222	3.465	40.77634	-82.5276
44904	13906	6224	1.33E+08	2042922	51.268	0.789	40.66372	-82.6144
44905	14513	5441	32942802	99544	12.719	0.038	40.7781	-82.4672
44906	16718	8045	53835299	109447	20.786	0.042	40.76735	-82.5726
44907	14313	7361	20168390	75098	7.787	0.029	40.72766	-82.5204
45001	606	283	1568650	5923	0.606	0.002	39.14145	-84.7122
45002	13388	5272	65814675	2185773	25.411	0.844	39.19679	-84.7576
45003	697	334	27358671	1104092	10.563	0.426	39.58658	-84.7865
45005	29963	12565	93366714	1429909	36.049	0.552	39.53861	-84.2959
45011	69677	26058	1.57E+08	1624696	60.632	0.627	39.42656	-84.4976
45013	52613	22368	2.99E+08	1676454	115.436	0.647	39.41363	-84.6527
45014	43917	19376	56214545	683609	21.705	0.264	39.32571	-84.5524
45015	12038	5260	15590702	307077	6.02	0.119	39.37703	-84.5674
45030	17921	7501	1.1E+08	2717929	42.621	1.049	39.25989	-84.7596
45032	348	154	698043	61249	0.27	0.024	39.50277	-84.0102
45033	276	110	132936	0	0.051	0	39.17678	-84.763
45034	1184	435	2347247	125837	0.906	0.049	39.35816	-84.2428
45036	37504	12830	2.11E+08	590735	81.309	0.228	39.44405	-84.2142
45039	22814	9179	41044178	990255	15.847	0.382	39.32858	-84.2461
45040	50627	18401	72753227	95011	28.09	0.037	39.35078	-84.3132
45041	199	77	478721	19638	0.185	0.008	39.21042	-84.7023
45042	26451	11895	1.28E+08	1074518	49.525	0.415	39.55689	-84.4202
45044	52822	22083	98746815	1038534	38.126	0.401	39.48235	-84.4109
45050	8548	3436	19279621	0	7.444	0	39.44535	-84.3592
45051	177	0	223858	0	0.086	0	39.09796	-84.6466
45052	4004	1621	34031715	2149063	13.14	0.83	39.14446	-84.7791
45053	3420	1269	70261951	1673	27.128	0.001	39.35299	-84.7879
45054	2471	955	79918725	58045	30.857	0.022	39.44147	-84.0805
45056	27038	8942	1.97E+08	839994	76.008	0.324	39.49093	-84.7442
45062	688	288	835505	0	0.323	0	39.47966	-84.553
45064	2857	1067	81959660	560152	31.645	0.216	39.56201	-84.5964
45065	4442	1785	6829617	242270	2.637	0.094	39.37023	-84.2112
45066	23839	8582	53564611	32793	20.681	0.013	39.55116	-84.2244
45067	13898	5211	51526002	546002	19.894	0.211	39.49482	-84.481
45068	10479	4089	1.71E+08	11063385	66.077	4.272	39.52474	-84.0656
45069	49060	18912	73654844	48577	28.438	0.019	39.34692	-84.4135
45070	192	83	1042876	0	0.403	0	39.5897	-84.5581
45101	2385	1237	46702126	966673	18.032	0.373	38.69376	-83.7384
45102	22680	9188	57056044	1120851	22.029	0.433	39.01719	-84.2043
45103	31485	12639	2.24E+08	4377879	86.305	1.69	39.09709	-84.1345
45106	12349	5012	1.94E+08	2501192	74.916	0.966	38.94502	-84.0649
45107	9236	3785	1.96E+08	910833	75.5	0.352	39.29217	-83.9686
45111	376	172	1976829	20939	0.763	0.008	39.1965	-84.2898
45112	64	56	646754	189734	0.25	0.073	38.79309	-84.1399
45113	3857	1521	97735284	597198	37.736	0.231	39.39697	-83.9858
45115	78	38	2695496	0	1.041	0	38.82413	-83.6992

45118	3614	1656	1.02E+08	728098	39.302	0.281	39.17225	-83.9341
45120	3672	1499	1.06E+08	1215423	41.068	0.469	38.82842	-84.09
45121	9036	3906	2.69E+08	3843286	103.89	1.484	38.86975	-83.9035
45122	11054	4350	1.14E+08	570082	44.174	0.22	39.21675	-84.1154
45123	8671	3751	2.55E+08	3136194	98.38	1.211	39.35	-83.386
45130	3913	1553	97257823	0	37.551	0	38.90944	-83.9987
45131	238	129	551849	112324	0.213	0.043	38.79034	-83.9669
45132	262	108	475921	0	0.184	0	39.34392	-83.6003
45133	23900	11168	8.27E+08	8766597	319.134	3.385	39.16185	-83.5762
45135	4761	1860	1.83E+08	59068	70.493	0.023	39.34762	-83.5419
45140	53267	20412	1.2E+08	1583066	46.323	0.611	39.25727	-84.242
45142	4444	1830	1.65E+08	388205	63.662	0.15	39.20456	-83.8108
45144	4272	2187	1.82E+08	2903122	70.106	1.121	38.70593	-83.6103
45145	40	12	63298	0	0.024	0	39.14533	-84.0052
45146	1580	608	70346976	202778	27.161	0.078	39.31412	-83.8042
45147	147	69	1966002	300759	0.759	0.116	39.20512	-84.2843
45148	1588	599	59926148	297669	23.138	0.115	39.29022	-83.8873
45150	31394	13326	84727343	938774	32.713	0.362	39.16638	-84.2303
45152	11329	4363	1.34E+08	635876	51.591	0.246	39.35132	-84.121
45153	1665	711	72193325	693613	27.874	0.268	38.86453	-84.1873
45154	9172	3574	1.72E+08	555016	66.371	0.214	39.06022	-83.9156
45155	366	155	1312189	19044	0.507	0.007	39.04251	-83.7522
45156	98	46	1642750	379411	0.634	0.146	38.81516	-84.2138
45157	9758	3858	1.08E+08	2082075	41.738	0.804	38.95374	-84.2302
45158	370	135	547627	0	0.211	0	39.18152	-84.0896
45159	3392	1411	1.32E+08	329086	51.041	0.127	39.33683	-83.6917
45160	699	389	898900	0	0.347	0	39.12288	-84.1366
45162	2519	1004	61153534	569643	23.612	0.22	39.26965	-84.0751
45164	271	119	734650	9458	0.284	0.004	39.55403	-83.7822
45166	98	44	1915427	0	0.74	0	39.4766	-83.6878
45167	3764	1872	1.59E+08	2064934	61.329	0.797	38.77282	-83.7976
45168	1607	664	84869300	44078	32.768	0.017	38.8505	-83.7546
45169	4772	2097	2.52E+08	833826	97.115	0.322	39.50648	-83.6509
45171	6054	2695	1.95E+08	1387811	75.453	0.536	39.01455	-83.8003
45172	131	60	1142617	0	0.441	0	39.07447	-83.3869
45174	2258	812	3186033	161679	1.23	0.062	39.15853	-84.3122
45176	9100	3648	1.37E+08	2933591	52.731	1.133	39.07926	-84.0297
45177	22260	9871	4.47E+08	6401822	172.548	2.472	39.46302	-83.8444
45202	15483	10586	7015784	458774	2.709	0.177	39.10936	-84.5026
45203	2236	1313	3288293	139947	1.27	0.054	39.10529	-84.5335
45204	6972	3569	8396558	696640	3.242	0.269	39.10654	-84.5532
45205	19389	9350	7509626	0	2.899	0	39.11004	-84.5752
45206	10745	7467	5217974	0	2.015	0	39.12734	-84.4844
45207	7974	3188	3045985	0	1.176	0	39.14207	-84.4713
45208	17614	9565	10995054	0	4.245	0	39.13475	-84.4344
45209	9605	6193	6141926	0	2.371	0	39.15302	-84.4267
45211	36111	18003	23425115	2302	9.044	0.001	39.15609	-84.5966

45212	22253	11191	9652925	0	3.727	0	39.16419	-84.4522
45213	12013	6023	8191232	0	3.163	0	39.1808	-84.4201
45214	8738	5088	5891635	11415	2.275	0.004	39.11501	-84.5344
45215	29623	13934	30397015	0	11.736	0	39.23528	-84.4619
45216	9570	4809	7809213	0	3.015	0	39.20092	-84.4818
45217	6566	3332	5358625	31671	2.069	0.012	39.16606	-84.4978
45218	3846	1734	4240091	9630	1.637	0.004	39.26376	-84.5182
45219	16526	7917	4544822	0	1.755	0	39.12738	-84.5131
45220	15313	7838	7418507	58937	2.864	0.023	39.14878	-84.5203
45223	12360	6886	15065382	15385	5.817	0.006	39.17081	-84.5495
45224	19837	9679	16649315	0	6.428	0	39.20107	-84.5317
45225	9040	4850	8062139	31276	3.113	0.012	39.14281	-84.5512
45226	5476	2987	14409372	1432869	5.563	0.553	39.11169	-84.4217
45227	17486	9219	15003435	219996	5.793	0.085	39.15387	-84.3858
45229	13020	8070	7069912	0	2.73	0	39.15275	-84.4868
45230	27536	12557	35513234	1127952	13.712	0.436	39.07375	-84.3893
45231	40893	17435	37167726	545768	14.351	0.211	39.2475	-84.5348
45232	6358	2732	6121285	22356	2.363	0.009	39.18826	-84.5101
45233	15808	5933	28784372	877491	11.114	0.339	39.11677	-84.6726
45236	24552	12260	17917799	0	6.918	0	39.20984	-84.3973
45237	20021	10349	15698055	0	6.061	0	39.19304	-84.4523
45238	45760	20408	26059960	2881	10.062	0.001	39.10766	-84.6103
45239	28315	12845	16402472	2685	6.333	0.001	39.20363	-84.5806
45240	27286	11102	23914080	228835	9.233	0.088	39.28451	-84.5293
45241	23044	10290	45714301	149741	17.65	0.058	39.27636	-84.3971
45242	22055	9256	35800316	86297	13.823	0.033	39.2428	-84.353
45243	14891	5954	50325120	226875	19.431	0.088	39.18856	-84.336
45244	28565	11096	56993383	1595513	22.005	0.616	39.11423	-84.3264
45245	18542	8315	40790278	95448	15.749	0.037	39.06113	-84.2761
45246	15133	6876	26161979	29174	10.101	0.011	39.28959	-84.4692
45247	22082	9673	54944312	387731	21.214	0.15	39.21669	-84.6611
45248	24915	10334	30820004	0	11.9	0	39.16433	-84.6625
45249	12902	5732	16853466	67838	6.507	0.026	39.28036	-84.3289
45251	22391	8849	30910431	55626	11.935	0.021	39.27464	-84.5979
45252	4600	2012	29399797	437155	11.351	0.169	39.27019	-84.6281
45255	21775	9416	33083600	495741	12.774	0.191	39.05955	-84.3283
45301	130	60	239222	0	0.092	0	39.71133	-84.0222
45302	4280	1539	1.31E+08	196376	50.558	0.076	40.40591	-84.2092
45303	2223	910	82269379	159972	31.764	0.062	40.21397	-84.6596
45304	7300	3037	2.2E+08	229462	84.875	0.089	39.98927	-84.5253
45305	10712	4304	37421364	257978	14.448	0.1	39.63219	-84.0786
45306	2294	920	86806539	168166	33.516	0.065	40.45923	-84.1871
45307	338	146	414653	0	0.16	0	39.58081	-83.7236
45308	4682	1862	1.32E+08	1097233	51.15	0.424	40.12964	-84.4577
45309	12123	5241	1.73E+08	1513	66.703	0.001	39.84273	-84.4147
45310	244	104	450230	4111	0.174	0.002	40.35294	-84.6427
45311	6367	2640	2.37E+08	2081564	91.365	0.804	39.62639	-84.6675

45312	1435	574	71366385	16509	27.555	0.006	40.05215	-84.093
45314	5916	1457	1.31E+08	517694	50.604	0.2	39.75008	-83.7763
45315	4377	1731	27799987	0	10.734	0	39.85699	-84.3391
45316	115	63	251280	0	0.097	0	39.797	-83.8256
45317	1180	474	63941353	10887	24.688	0.004	40.21102	-83.9886
45318	5365	2242	1.16E+08	810143	44.712	0.313	40.12907	-84.3537
45319	293	125	1013672	0	0.391	0	39.91636	-83.9431
45320	15691	6817	3.47E+08	1007302	133.816	0.389	39.75064	-84.6814
45321	931	381	33978836	26735	13.119	0.01	39.8786	-84.6861
45322	21447	9277	51526707	320385	19.895	0.124	39.89978	-84.3278
45323	5019	2254	16394775	0	6.33	0	39.84997	-83.9276
45324	40529	18400	82984020	609054	32.04	0.235	39.81902	-83.9908
45325	2647	1053	65773355	420651	25.395	0.162	39.69261	-84.4302
45326	1179	479	59748094	38799	23.069	0.015	40.14063	-84.0936
45327	8917	3719	1.24E+08	36219	47.998	0.014	39.62876	-84.403
45328	525	196	1032186	3233	0.399	0.001	40.1162	-84.4962
45330	834	350	2251755	2167	0.869	0.001	39.64826	-84.5286
45331	22930	10619	3.87E+08	1491463	149.511	0.576	40.09861	-84.6505
45332	612	280	32930853	159106	12.715	0.061	39.99085	-84.7909
45333	1345	513	57400196	632242	22.162	0.244	40.24947	-84.3318
45334	2037	875	66595104	61848	25.713	0.024	40.44345	-84.0434
45335	6939	2831	2.2E+08	955447	84.905	0.369	39.6398	-83.7412
45336	153	62	1976171	9902	0.763	0.004	40.44268	-84.2573
45337	1690	674	53043821	59700	20.48	0.023	39.98148	-84.4226
45338	5298	2193	1.32E+08	414917	50.846	0.16	39.84975	-84.5435
45339	1234	540	37004075	621396	14.287	0.24	40.01276	-84.342
45340	830	312	59814558	133522	23.095	0.052	40.36857	-84.0522
45341	3883	1820	15699652	941661	6.062	0.364	39.87559	-84.0245
45342	36784	16528	89837037	1096750	34.686	0.423	39.62934	-84.276
45344	16955	6880	1.71E+08	601514	66.039	0.232	39.95239	-84.0098
45345	6144	2612	56344418	0	21.755	0	39.73781	-84.4075
45346	2293	926	1.09E+08	174234	41.991	0.067	39.98212	-84.71
45347	4324	1919	1.43E+08	590839	55.133	0.228	39.88421	-84.751
45348	994	372	78463979	349762	30.295	0.135	40.32965	-84.6488
45349	427	147	692700	0	0.267	0	39.98848	-83.9416
45350	106	36	491695	0	0.19	0	40.32434	-84.5737
45351	274	110	827589	0	0.32	0	40.33942	-84.4952
45352	208	92	380147	0	0.147	0	40.05012	-84.7443
45353	196	76	7282358	0	2.812	0	40.29257	-84.0427
45354	642	290	2277178	0	0.879	0	39.91055	-84.3997
45356	25172	11263	1.97E+08	2263513	76.211	0.874	40.16284	-84.2282
45358	356	145	396100	0	0.153	0	39.98658	-84.4877
45359	1970	808	39016882	359265	15.065	0.139	40.04654	-84.3507
45360	335	143	376391	21481	0.145	0.008	40.33016	-84.0922
45361	288	104	1153417	0	0.445	0	39.96371	-84.4148
45362	1076	435	83119257	105931	32.093	0.041	40.29248	-84.6277
45363	1770	617	60470353	120637	23.348	0.047	40.23931	-84.4001

45365	30561	12844	4.15E+08	2071532	160.425	0.8	40.28374	-84.1598
45368	4727	2042	2.05E+08	422145	79.108	0.163	39.84492	-83.648
45369	3545	1418	1.14E+08	782266	44.1	0.302	39.95282	-83.5937
45370	2452	1045	55657336	581075	21.489	0.224	39.60831	-84.033
45371	18333	7719	1.28E+08	1356159	49.324	0.524	39.93955	-84.1606
45372	375	166	663728	0	0.256	0	40.016	-83.8423
45373	35131	15223	2.22E+08	1868268	85.543	0.721	40.03253	-84.1946
45377	15215	7025	57193263	694643	22.082	0.268	39.89608	-84.2243
45378	407	163	591625	0	0.228	0	39.90292	-84.4887
45380	5477	2140	1.77E+08	411274	68.33	0.159	40.2445	-84.5169
45381	5509	2254	1.33E+08	460802	51.271	0.178	39.72529	-84.5248
45382	1269	497	53484263	12855	20.65	0.005	39.8984	-84.6089
45383	7037	3110	67550272	332185	26.081	0.128	39.95558	-84.3432
45384	2001	155	3370895	53264	1.302	0.021	39.71415	-83.8847
45385	37247	16306	3.54E+08	2340866	136.691	0.904	39.66912	-83.9119
45387	5169	2512	71440847	417739	27.583	0.161	39.79722	-83.8874
45388	812	279	45378312	28913	17.521	0.011	40.31692	-84.4781
45389	521	252	828345	0	0.32	0	40.05717	-84.0276
45390	3461	1489	1.37E+08	319883	52.875	0.124	40.21519	-84.7606
45402	11420	6720	10877473	309058	4.2	0.119	39.75936	-84.2091
45403	15006	7699	10709278	162207	4.135	0.063	39.76886	-84.1474
45404	10833	5263	15858039	281568	6.123	0.109	39.79111	-84.16
45405	18948	11797	10140894	231258	3.915	0.089	39.79216	-84.216
45406	21914	12411	12954203	19234	5.002	0.007	39.78421	-84.2411
45409	12868	3488	8969564	102569	3.463	0.04	39.72131	-84.188
45410	15339	8287	5774095	0	2.229	0	39.74805	-84.1581
45414	21055	9720	58734206	1007330	22.677	0.389	39.84787	-84.2076
45415	12631	5794	15978639	274924	6.169	0.106	39.83558	-84.2574
45416	5740	2548	4807681	0	1.856	0	39.80716	-84.2581
45417	31281	16127	84872236	401482	32.769	0.155	39.73517	-84.2888
45418	1351	454	6246289	72652	2.412	0.028	39.69939	-84.2607
45419	15159	7141	9976186	0	3.852	0	39.71338	-84.1672
45420	25438	13132	16031129	68080	6.19	0.026	39.71882	-84.1292
45424	49930	20615	81675827	574171	31.535	0.222	39.84316	-84.11
45426	15239	7950	49953364	36571	19.287	0.014	39.80446	-84.3197
45428	240	0	1526916	0	0.59	0	39.74288	-84.2606
45429	25885	12956	25737056	33229	9.937	0.013	39.68291	-84.1589
45430	7402	3072	13016308	10428	5.026	0.004	39.70967	-84.0848
45431	26315	12286	29670315	18738	11.456	0.007	39.7638	-84.0842
45432	15288	6874	19472390	22439	7.518	0.009	39.73949	-84.0852
45433	2011	522	28318146	864204	10.934	0.334	39.8219	-84.0499
45434	12163	4594	27159898	336498	10.486	0.13	39.72139	-84.0318
45439	10000	4824	15991556	628822	6.174	0.243	39.69973	-84.2193
45440	20734	9748	24386066	51849	9.416	0.02	39.67592	-84.0956
45449	18175	8921	17183543	493434	6.635	0.191	39.66405	-84.2378
45458	29880	13125	51819473	74975	20.008	0.029	39.60059	-84.157
45459	27749	13439	36482666	156655	14.086	0.06	39.64743	-84.1706

45502	16110	6600	2.99E+08	5742404	115.572	2.217	39.86083	-83.7528
45503	32999	15404	44911607	3466571	17.34	1.338	39.95957	-83.7718
45504	18465	7868	60192631	385694	23.241	0.149	39.94685	-83.8673
45505	20197	9622	34894357	125064	13.473	0.048	39.90204	-83.7573
45506	14055	6556	31918209	103084	12.324	0.04	39.90795	-83.8369
45601	57842	23416	8.86E+08	8382009	341.981	3.236	39.31206	-82.9571
45612	5303	2317	2.95E+08	1792887	113.851	0.692	39.20688	-83.2791
45613	3597	1492	2E+08	379026	77.394	0.146	39.03422	-82.8509
45614	5080	2081	1.89E+08	1877403	73.163	0.725	38.92968	-82.2772
45616	1559	747	2.13E+08	314435	82.33	0.121	38.76096	-83.3143
45617	71	36	438330	0	0.169	0	39.27965	-83.1556
45618	30	12	58492	0	0.023	0	38.88549	-83.6164
45619	8200	3632	90753380	1406371	35.04	0.543	38.47136	-82.4522
45620	917	453	59607982	2404934	23.015	0.929	38.96027	-82.1418
45621	313	143	747751	0	0.289	0	39.11079	-82.6077
45622	321	167	37488592	55218	14.474	0.021	39.375	-82.4908
45623	3494	1581	1.87E+08	1363998	72.3	0.527	38.64169	-82.2698
45624	31	17	348314	0	0.134	0	39.17023	-83.347
45628	5211	2238	2.08E+08	0	80.424	0	39.39098	-83.198
45629	3438	1323	78850801	1514412	30.444	0.585	38.65755	-82.8159
45630	118	54	294892	0	0.114	0	38.69914	-83.0916
45631	15048	7105	2.93E+08	4814001	113.304	1.859	38.81984	-82.2613
45634	2112	875	88522463	2290713	34.179	0.884	39.18384	-82.4846
45636	148	82	1679235	118887	0.648	0.046	38.58762	-82.829
45638	21635	9785	2.01E+08	3764503	77.532	1.453	38.5612	-82.6802
45640	15960	6977	4.61E+08	1453088	177.936	0.561	39.01967	-82.6563
45642	33	27	150520	19211	0.058	0.007	39.04703	-83.0545
45644	4249	1765	1.57E+08	42166	60.682	0.016	39.45953	-82.8448
45645	3036	1263	1.21E+08	346704	46.737	0.134	38.56636	-82.527
45646	370	166	40594166	186873	15.673	0.072	39.07517	-83.3228
45647	2484	1158	1.72E+08	372362	66.486	0.144	39.29434	-82.733
45648	13372	4911	3.68E+08	3579478	142.101	1.382	38.91789	-83.0078
45650	435	255	38700622	155516	14.942	0.06	38.73829	-83.4223
45651	6047	2750	3.88E+08	1581043	149.907	0.61	39.28542	-82.4835
45652	3519	1464	86062119	999006	33.229	0.386	38.82382	-83.095
45653	4179	1728	1.21E+08	478724	46.584	0.185	38.88964	-82.822
45654	917	431	1.45E+08	430309	56.066	0.166	39.3665	-82.3776
45656	6639	2873	3.37E+08	1247443	130.051	0.482	38.88077	-82.5937
45657	2744	1224	2.55E+08	664861	98.433	0.257	38.84367	-83.2365
45658	2787	1166	2.52E+08	1012658	97.157	0.391	38.76293	-82.4116
45659	2973	1235	2.55E+08	1574087	98.267	0.608	38.65498	-82.6411
45660	8297	3594	5.08E+08	1842986	196.132	0.712	38.99139	-83.3674
45661	7657	3130	2.64E+08	2999627	101.817	1.158	39.04563	-83.1082
45662	30219	13784	1.39E+08	2344311	53.847	0.905	38.78209	-82.9183
45663	6762	2969	1.68E+08	1851733	64.751	0.715	38.73881	-83.0888
45669	10399	4543	89703037	652555	34.635	0.252	38.49841	-82.3584
45671	457	219	43492323	31185	16.792	0.012	38.97025	-83.248

45672	1749	812	1.38E+08	396723	53.459	0.153	39.19272	-82.6948
45673	385	178	1344433	0	0.519	0	39.20392	-82.812
45674	584	181	4186897	67702	1.617	0.026	38.88242	-82.3747
45678	1101	506	1.06E+08	620266	40.737	0.239	38.61044	-82.3796
45679	2812	1204	1.5E+08	16067	58.009	0.006	38.96457	-83.5559
45680	13074	5690	85852281	1244291	33.148	0.48	38.46781	-82.5468
45681	1689	727	99270574	32284	38.329	0.012	39.30834	-83.2562
45682	2420	1070	1.2E+08	244051	46.511	0.094	38.80693	-82.6949
45684	1804	910	2.05E+08	3027456	79.263	1.169	38.65144	-83.1915
45685	1251	559	78411056	50122	30.275	0.019	38.9318	-82.4565
45686	3397	1577	2.4E+08	1492402	92.513	0.576	39.01413	-82.3769
45688	475	237	95081870	320809	36.711	0.124	38.73108	-82.5433
45690	14412	6551	3.73E+08	4707747	143.874	1.818	39.13673	-83.0078
45692	8773	3935	2.12E+08	540943	81.83	0.209	39.11394	-82.5411
45693	8981	3983	3.27E+08	426387	126.359	0.165	38.8071	-83.5403
45694	12147	5266	1.85E+08	1683318	71.255	0.65	38.74388	-82.7809
45695	674	362	95152024	589936	36.738	0.228	39.16154	-82.3727
45696	1438	637	93262934	434716	36.009	0.168	38.60116	-82.4521
45697	4894	2037	2.67E+08	56639	103.091	0.022	38.93156	-83.6737
45698	341	179	9585040	103742	3.701	0.04	39.2858	-82.3917
45701	34122	12233	3.84E+08	4850096	148.248	1.873	39.31196	-82.086
45710	5541	2493	2.62E+08	860475	101.019	0.332	39.18986	-82.2377
45711	1115	583	1.32E+08	585683	51.114	0.226	39.42843	-81.932
45714	9951	4849	89240879	1896392	34.456	0.732	39.31698	-81.6143
45715	2630	1207	1.1E+08	1892297	42.616	0.731	39.60507	-81.628
45716	469	227	1005826	0	0.388	0	39.46286	-82.1817
45719	1046	475	1833009	4371	0.708	0.002	39.40053	-82.1266
45721	29	15	132683	0	0.051	0	39.56549	-81.5844
45723	3740	1752	1.71E+08	2248613	65.965	0.868	39.22625	-81.8235
45724	1744	808	1.38E+08	238130	53.286	0.092	39.38344	-81.8004
45727	516	261	80933801	325799	31.249	0.126	39.65009	-81.4882
45729	1289	544	66232009	104027	25.572	0.04	39.41837	-81.6044
45732	4776	2433	1.93E+08	2673640	74.602	1.032	39.51573	-82.0684
45734	549	351	90080818	20280	34.78	0.008	39.64144	-81.1913
45735	1730	792	1.3E+08	459133	50.061	0.177	39.26179	-81.9282
45740	494	244	905102	3782	0.349	0.001	39.47809	-82.0767
45741	918	477	1.11E+08	17014	42.678	0.007	39.07506	-82.2471
45742	3014	1295	69887478	1355341	26.984	0.523	39.28708	-81.7304
45743	1449	699	95090012	711990	36.714	0.275	39.07644	-81.8476
45744	2728	1315	1.41E+08	2587075	54.403	0.999	39.54877	-81.494
45745	1140	668	1.93E+08	907994	74.518	0.351	39.60617	-81.3296
45746	433	192	42846928	471451	16.543	0.182	39.60711	-81.4588
45750	27785	12614	2.88E+08	5324432	111.167	2.056	39.42995	-81.4222
45760	3892	1892	50651362	254696	19.557	0.098	39.01685	-82.1217
45761	1745	818	85992153	452794	33.202	0.175	39.42576	-82.0753
45764	9431	3883	2.08E+08	2161356	80.48	0.835	39.4425	-82.2314
45766	1382	675	76433273	291099	29.511	0.112	39.32525	-82.2577

45767	2800	1541	2.95E+08	1739773	113.815	0.672	39.53928	-81.1282
45768	1703	767	77494835	1025234	29.921	0.396	39.42265	-81.2951
45769	6642	3077	2.72E+08	270635	104.944	0.104	39.10928	-82.051
45770	620	294	52973066	1443503	20.453	0.557	38.98261	-81.7983
45771	3432	1631	1.6E+08	3046743	61.69	1.176	38.98169	-81.8946
45772	2149	1006	1.12E+08	1197575	43.164	0.462	39.14871	-81.8192
45773	83	37	12413205	0	4.793	0	39.45852	-81.2673
45775	1259	560	75293501	0	29.071	0	39.08288	-82.1542
45776	765	375	50961284	56864	19.676	0.022	39.18141	-82.0241
45778	824	412	63174128	674140	24.392	0.26	39.35353	-81.8931
45779	755	368	1886592	451147	0.728	0.174	38.99776	-81.9658
45780	3254	1575	6544924	50753	2.527	0.02	39.36644	-82.1309
45782	343	156	1426563	18530	0.551	0.007	39.48763	-82.081
45784	3386	1426	96989731	520443	37.448	0.201	39.38846	-81.6781
45786	3253	1374	1.69E+08	3337407	65.311	1.289	39.50192	-81.6563
45787	29	16	73909	765	0.029	0	39.46825	-81.632
45788	1129	496	89420435	426143	34.525	0.165	39.51499	-81.3676
45789	177	104	29582237	168830	11.422	0.065	39.55128	-81.255
45801	25303	9821	1.16E+08	1486352	44.963	0.574	40.77287	-84.0341
45804	15758	7674	56277245	3009765	21.729	1.162	40.70962	-84.0612
45805	22514	10144	38962322	382885	15.043	0.148	40.72804	-84.1655
45806	11158	4672	1.55E+08	3082289	60.038	1.19	40.67244	-84.1262
45807	12221	5151	1.97E+08	1060377	76.045	0.409	40.806	-84.1717
45808	349	141	1372915	10715	0.53	0.004	40.83059	-83.9689
45809	157	78	658447	0	0.254	0	40.84549	-84.1872
45810	8460	2926	1.62E+08	132337	62.573	0.051	40.7844	-83.8133
45812	1943	879	1.03E+08	13578	39.833	0.005	40.68188	-83.8232
45813	3530	1587	1.42E+08	1513171	54.81	0.584	41.19229	-84.7332
45814	2620	1045	92370446	47786	35.664	0.018	40.89932	-83.6302
45816	291	116	689906	0	0.266	0	41.00446	-83.794
45817	6736	2524	1.67E+08	714538	64.596	0.276	40.87876	-83.884
45819	233	102	667499	0	0.258	0	40.62402	-84.2604
45820	543	223	1867933	0	0.721	0	40.83495	-84.084
45821	1435	607	1.03E+08	1109342	39.711	0.428	41.22606	-84.5588
45822	18943	9392	4.25E+08	27141522	164.007	10.479	40.55574	-84.5987
45826	306	136	698706	2858	0.27	0.001	40.43622	-84.4937
45827	2369	914	1.6E+08	1126702	61.836	0.435	40.9981	-84.2989
45828	6125	2386	85565594	195473	33.037	0.075	40.48328	-84.6716
45830	6228	2442	2.46E+08	465444	94.852	0.18	40.90846	-84.0959
45831	3181	1379	1.91E+08	357372	73.708	0.138	41.11121	-84.2503
45832	2905	1186	1.81E+08	287677	69.791	0.111	40.92642	-84.7301
45833	10667	4466	1.79E+08	991452	68.974	0.383	40.83422	-84.3487
45835	490	230	49630239	6580	19.162	0.003	40.75442	-83.6999
45836	1479	639	62210947	152110	24.02	0.059	40.79291	-83.6399
45838	50	18	353641	0	0.137	0	40.74205	-84.4777
45840	54979	24915	4.34E+08	4350325	167.687	1.68	41.02537	-83.652
45841	929	375	66317438	7750	25.605	0.003	40.87371	-83.7416

45843	3701	1576	2.6E+08	12601	100.213	0.005	40.77171	-83.5446
45844	3256	1252	1.41E+08	956533	54.321	0.369	40.91091	-84.2825
45845	3178	1166	82812116	545961	31.974	0.211	40.33134	-84.3825
45846	4437	1545	1.93E+08	294573	74.485	0.114	40.41152	-84.7425
45849	1219	518	1.15E+08	79127	44.236	0.031	41.01377	-84.4467
45850	3653	1470	1.55E+08	678144	59.971	0.262	40.7047	-83.9182
45851	669	245	87681807	0	33.854	0	41.03233	-84.6001
45853	1439	571	2861696	64194	1.105	0.025	40.98527	-84.1985
45854	498	192	860207	6667	0.332	0.003	40.75757	-83.9521
45855	193	80	688239	0	0.266	0	41.08791	-84.5841
45856	5194	2039	2.71E+08	241237	104.772	0.093	41.11168	-83.9999
45858	3083	1231	1.63E+08	116204	62.825	0.045	41.1066	-83.8047
45859	495	227	3444616	0	1.33	0	40.68374	-83.7787
45860	2274	753	90608858	72722	34.984	0.028	40.39927	-84.5168
45861	296	124	4863447	0	1.878	0	41.08281	-84.4265
45862	1507	648	95061523	157440	36.703	0.061	40.66887	-84.516
45863	1254	523	78056260	541400	30.138	0.209	40.90805	-84.445
45864	163	75	2860563	3161	1.104	0.001	41.09705	-84.1466
45865	4745	2071	82127186	3283961	31.709	1.268	40.39188	-84.3683
45866	186	95	490900	94385	0.19	0.036	40.49038	-84.5512
45867	1189	484	66251412	50394	25.58	0.019	40.89759	-83.5266
45868	567	242	40309841	0	15.564	0	40.96628	-83.8497
45869	4534	1827	95247377	48312	36.775	0.019	40.45793	-84.4039
45870	156	56	842639	0	0.325	0	40.55628	-83.9514
45871	1955	758	61516680	30179	23.752	0.012	40.49342	-84.3004
45872	4240	1797	78646222	222168	30.365	0.086	41.18873	-83.6857
45873	2238	991	1.27E+08	1683799	49.083	0.65	41.11778	-84.3902
45874	2100	924	1.48E+08	88791	57.285	0.034	40.78811	-84.6721
45875	10989	4352	2.65E+08	1108906	102.466	0.428	41.02201	-84.0612
45876	863	360	1561973	9357	0.603	0.004	40.92725	-84.3409
45877	2139	861	71903359	339959	27.762	0.131	40.95912	-83.9336
45879	6284	2892	2.74E+08	733659	105.699	0.283	41.12871	-84.5636
45880	2395	1056	1.53E+08	34921	59.194	0.013	41.07121	-84.7329
45881	1461	567	76343682	53175	29.476	0.021	40.94625	-83.78
45882	3004	1245	2.17E+08	283480	83.93	0.109	40.68186	-84.6785
45883	3883	1350	93274565	197858	36.014	0.076	40.4102	-84.6229
45884	145	64	435933	0	0.168	0	40.55432	-84.0827
45885	12661	5692	1.84E+08	568712	70.866	0.22	40.56986	-84.3906
45886	551	230	54965209	11549	21.222	0.004	40.9969	-84.6208
45887	4755	1904	1.85E+08	330077	71.334	0.127	40.71095	-84.3652
45888	220	96	437339	0	0.169	0	40.60236	-84.0868
45889	1351	500	52670382	54990	20.336	0.021	41.15232	-83.6383
45890	671	276	38287625	68830	14.783	0.027	40.97543	-83.49
45891	15275	6899	3.42E+08	1340541	132.238	0.518	40.87454	-84.5743
45894	605	267	84687075	50416	32.698	0.019	40.75909	-84.4614
45895	17945	7590	4.91E+08	644454	189.517	0.249	40.5777	-84.1547
45896	2089	850	98507236	72651	38.034	0.028	40.60744	-83.9297

45897	101	53	3564103	18567	1.376	0.007	40.8288	-83.6556
45898	1314	572	87736537	412771	33.875	0.159	40.74347	-84.7697
45899	194	93	801677	1035	0.31	0	40.80046	-84.7739
46001	10459	4833	1.91E+08	414880	73.844	0.16	40.25125	-85.6579
46011	16770	7441	1.94E+08	198889	74.746	0.077	40.1299	-85.7606
46012	19414	8805	84153159	716769	32.492	0.277	40.1532	-85.6212
46013	17876	9081	55983620	27459	21.615	0.011	40.04793	-85.6818
46016	19225	10004	16488664	0	6.366	0	40.09782	-85.6815
46017	6025	2779	44835705	69634	17.311	0.027	40.06928	-85.6072
46030	3308	1332	96739569	893498	37.351	0.345	40.16614	-86.0092
46031	2161	877	1.22E+08	260354	47.126	0.101	40.21097	-86.0181
46032	42234	17629	66847654	996885	25.81	0.385	39.9626	-86.1748
46033	34889	12342	44397541	1371116	17.142	0.529	39.97928	-86.0856
46034	6730	2905	74629279	2588829	28.815	1	40.12793	-86.0468
46035	1113	480	62228598	0	24.027	0	40.19002	-86.678
46036	11663	5475	2.04E+08	0	78.63	0	40.29517	-85.8311
46037	35891	12631	49006828	2094217	18.922	0.809	39.96056	-85.9472
46038	37723	15370	40896321	1067427	15.79	0.412	39.9667	-86.0172
46039	745	316	70112295	0	27.071	0	40.36946	-86.3123
46040	9944	3767	86186943	1158686	33.277	0.447	39.92728	-85.8343
46041	23891	9560	6.51E+08	425133	251.437	0.164	40.29504	-86.4938
46044	2965	1251	56662829	42188	21.878	0.016	40.21178	-85.7927
46045	93	41	88188	0	0.034	0	40.28876	-86.1499
46047	43	18	34330	0	0.013	0	40.28414	-85.9474
46048	2406	917	3497549	0	1.35	0	39.95551	-85.8017
46049	850	369	69693087	6187	26.909	0.002	40.29499	-86.2218
46050	1706	695	1.19E+08	0	45.768	0	40.20443	-86.3489
46051	2826	1168	40986599	0	15.825	0	40.05793	-85.8373
46052	22060	9520	4.61E+08	40328	177.96	0.016	40.04291	-86.4565
46055	10193	3567	67253554	1411383	25.967	0.545	39.88842	-85.9022
46056	2246	940	60036275	53116	23.18	0.021	39.97582	-85.612
46057	1179	483	64535423	0	24.917	0	40.33626	-86.3773
46058	2149	876	69262763	0	26.743	0	40.36117	-86.6474
46060	34708	14049	2.07E+08	1944994	79.861	0.751	40.06462	-85.9159
46062	29730	11794	88247692	5291745	34.073	2.043	40.06127	-86.056
46063	401	173	1191660	0	0.46	0	40.27045	-85.724
46064	17148	5301	1.68E+08	890302	65.006	0.344	39.98368	-85.7416
46065	3669	1375	98691326	30594	38.105	0.012	40.42775	-86.6122
46068	2850	1184	1.17E+08	0	45.271	0	40.37696	-86.1158
46069	6664	2761	2.35E+08	254709	90.888	0.098	40.13869	-86.2284
46070	2351	981	1.18E+08	33467	45.393	0.013	40.33557	-85.6623
46071	3417	1374	1.8E+08	422403	69.36	0.163	40.12006	-86.6088
46072	9324	4165	2.92E+08	0	112.694	0	40.2861	-86.0674
46074	26745	9679	93488642	403592	36.096	0.156	40.03614	-86.1725
46075	2913	1273	79941310	64488	30.866	0.025	40.02086	-86.3307
46076	1696	760	1.15E+08	61074	44.393	0.024	40.35604	-85.928
46077	24512	8912	1.13E+08	469604	43.613	0.181	39.98456	-86.2826

46103	159	56	96552	0	0.037	0	39.68862	-86.6136
46104	970	404	72536511	47702	28.007	0.018	39.65847	-85.6018
46105	1928	839	1.09E+08	34897	42.17	0.013	39.76407	-86.8106
46106	5928	2406	70485006	11577	27.214	0.004	39.51317	-86.2051
46107	12774	5792	8401774	0	3.244	0	39.71641	-86.0915
46110	500	196	37668636	236989	14.544	0.092	39.56146	-85.922
46111	322	146	274710	388	0.106	0	39.53882	-86.3695
46112	33662	12902	1.04E+08	721634	40.046	0.279	39.86391	-86.3824
46113	14063	5264	42470056	279699	16.398	0.108	39.6363	-86.3026
46115	1933	818	95743449	461448	36.967	0.178	39.73875	-85.5666
46117	671	279	30534697	55923	11.79	0.022	39.81471	-85.616
46118	5015	2012	1.41E+08	419207	54.549	0.162	39.66238	-86.518
46120	5954	2674	2.38E+08	1304754	91.831	0.504	39.51151	-86.7889
46121	5276	2275	1.41E+08	1610067	54.426	0.622	39.67903	-86.6788
46122	14671	5772	2.28E+08	861204	88.137	0.333	39.77332	-86.5511
46123	31754	12046	79361954	792389	30.642	0.306	39.7644	-86.4035
46124	8127	3286	1.6E+08	1206463	61.616	0.466	39.37002	-85.9279
46125	51	24	88060	0	0.034	0	39.52152	-86.6416
46126	4668	1860	84694877	311771	32.701	0.12	39.61802	-85.8803
46127	416	172	61232945	0	23.642	0	39.71195	-85.3122
46128	1949	800	90702313	284255	35.02	0.11	39.65858	-86.7426
46130	2508	1030	77116243	92565	29.775	0.036	39.67275	-85.835
46131	31036	12682	3.24E+08	503729	125.13	0.194	39.47297	-86.043
46133	816	361	63613325	35933	24.561	0.014	39.59506	-85.3108
46135	20992	7374	4.31E+08	1942481	166.543	0.75	39.65457	-86.894
46140	38543	16133	4.39E+08	1767386	169.476	0.682	39.80197	-85.7721
46142	30413	12478	38768329	449115	14.969	0.173	39.62181	-86.1753
46143	48555	19742	1.26E+08	367953	48.809	0.142	39.59586	-86.1163
46144	211	89	1342909	0	0.519	0	39.65516	-85.6474
46146	117	57	2014478	0	0.778	0	39.58567	-85.5683
46147	3264	1286	1.53E+08	78742	58.949	0.03	39.97115	-86.6228
46148	5097	2173	1.32E+08	589166	51.064	0.227	39.8114	-85.5125
46149	1890	743	67965321	34997	26.242	0.014	39.8836	-86.556
46150	764	331	63887831	72663	24.667	0.028	39.54657	-85.6019
46151	30921	12668	5.31E+08	9828505	204.871	3.795	39.45721	-86.4333
46155	103	39	59164	0	0.023	0	39.7435	-85.4297
46156	1470	566	1.06E+08	72985	40.848	0.028	39.48936	-85.4945
46157	3639	1431	82560882	349830	31.877	0.135	39.55363	-86.5287
46158	23053	9257	1.95E+08	2689884	75.321	1.039	39.57936	-86.3736
46160	6421	2727	2.39E+08	1446521	92.421	0.559	39.35088	-86.2686
46161	2655	1091	94211984	491845	36.375	0.19	39.66988	-85.6963
46162	458	198	29094090	74140	11.233	0.029	39.55098	-85.9531
46163	11963	4398	76412358	147806	29.503	0.057	39.72909	-85.902
46164	3957	2631	60833068	2403936	23.488	0.928	39.32371	-86.1143
46165	1498	628	1.04E+08	234324	40.09	0.09	39.84983	-86.6402
46166	2306	917	90399834	133179	34.904	0.051	39.43291	-86.5873
46167	6336	2332	77725198	64748	30.01	0.025	39.87697	-86.4678

46168	30309	11484	83539423	599383	32.255	0.231	39.68526	-86.3929
46171	1695	737	94127786	172510	36.343	0.067	39.5251	-86.9609
46172	2427	1040	1.75E+08	36607	67.508	0.014	39.82784	-86.8185
46173	11190	4903	5.85E+08	240194	225.778	0.093	39.6009	-85.4306
46175	597	268	57690120	119108	22.274	0.046	39.81572	-86.9664
46176	27816	12240	4.46E+08	2370070	172.138	0.915	39.52728	-85.7744
46180	1028	435	66375452	96207	25.628	0.037	39.59219	-86.6185
46181	4832	1937	1.16E+08	1077330	44.873	0.416	39.37337	-86.17
46182	1927	808	91370374	54191	35.278	0.021	39.4585	-85.6695
46183	82	32	79979	0	0.031	0	39.65268	-86.2817
46184	11806	4387	53021278	81398	20.472	0.031	39.55981	-86.0732
46186	1753	700	73340349	127667	28.317	0.049	39.89421	-85.6448
46201	30962	16868	14468533	0	5.586	0	39.77414	-86.1092
46202	16335	9825	14454645	416873	5.581	0.161	39.7841	-86.1635
46203	38950	17688	35948136	0	13.88	0	39.73759	-86.0969
46204	5125	3033	2904536	19065	1.121	0.007	39.77199	-86.157
46205	25356	14175	16217183	203466	6.261	0.079	39.8294	-86.1344
46208	22239	11993	17388430	339024	6.714	0.131	39.81933	-86.1711
46214	24306	11881	18404984	565655	7.106	0.218	39.79282	-86.2915
46216	1697	1065	9038787	11155	3.49	0.004	39.86801	-86.0097
46217	29358	12039	55607636	235851	21.47	0.091	39.67462	-86.1915
46218	29028	14978	24436825	0	9.435	0	39.80726	-86.0997
46219	33930	16871	33400963	22578	12.896	0.009	39.78241	-86.0429
46220	34830	17651	31183045	1062678	12.04	0.41	39.86711	-86.1088
46221	26393	10647	51309207	1180251	19.811	0.456	39.69193	-86.2368
46222	34044	15121	28914182	554266	11.164	0.214	39.79097	-86.2153
46224	35094	16817	18562763	68056	7.167	0.026	39.79541	-86.2569
46225	7319	3594	10457056	285434	4.037	0.11	39.74031	-86.1633
46226	43904	19985	37328938	34714	14.413	0.013	39.8389	-86.0525
46227	57086	25687	43393274	34304	16.754	0.013	39.67476	-86.1327
46228	14755	6428	20735152	117993	8.006	0.046	39.84823	-86.2007
46229	27262	11437	28124977	110697	10.859	0.043	39.78848	-85.9771
46231	10440	3575	31907658	46348	12.32	0.018	39.71553	-86.3206
46234	24810	10036	32992792	3424167	12.739	1.322	39.81331	-86.3264
46235	30825	12919	24980861	9234	9.645	0.004	39.83696	-85.9745
46236	27294	10534	27235344	3793648	10.516	1.465	39.89572	-85.9675
46237	39624	16721	38496219	50767	14.863	0.02	39.67114	-86.0721
46239	25345	9628	75230027	136062	29.046	0.053	39.72152	-85.999
46240	18731	10194	25336292	1627993	9.782	0.629	39.90635	-86.1249
46241	30670	12591	58016012	257780	22.4	0.1	39.72985	-86.2854
46250	18546	9961	19714209	5579	7.612	0.002	39.90213	-86.0648
46254	38095	17562	35375891	2009611	13.659	0.776	39.84972	-86.2716
46256	23647	10593	28989676	1264234	11.193	0.488	39.90838	-86.0131
46259	11617	4057	55558500	28974	21.451	0.011	39.65094	-85.9813
46260	32406	15224	26323133	19624	10.163	0.008	39.89814	-86.1776
46268	24965	12214	34413368	77393	13.287	0.03	39.89861	-86.2333
46278	8197	3211	33790174	927543	13.046	0.358	39.89295	-86.2981

46280	6793	3189	11055172	510165	4.268	0.197	39.93237	-86.1313
46290	170	96	1403635	17268	0.542	0.007	39.9383	-86.1632
46301	669	557	8722033	5814316	3.368	2.245	41.69115	-86.9788
46303	14170	5717	71370895	3641522	27.556	1.406	41.37379	-87.4793
46304	24207	9933	1.39E+08	9157099	53.646	3.536	41.61363	-87.0461
46307	60619	23091	2.27E+08	1769610	87.664	0.683	41.40392	-87.326
46310	13565	5286	1.73E+08	837899	66.907	0.324	41.18299	-87.2308
46311	20816	7770	35110451	0	13.556	0	41.46509	-87.5089
46312	29698	12958	36283931	636309	14.009	0.246	41.64695	-87.454
46319	18404	7700	24015234	60305	9.272	0.023	41.52547	-87.4222
46320	15508	6569	17324122	4593946	6.689	1.774	41.6917	-87.5109
46321	23603	9393	19606735	210011	7.57	0.081	41.54751	-87.5033
46322	23727	10335	17867833	58582	6.899	0.023	41.54649	-87.4572
46323	22743	8977	16064128	74760	6.202	0.029	41.58943	-87.4537
46324	23165	9490	11424420	0	4.411	0	41.58308	-87.5016
46327	12153	4593	10689498	304098	4.127	0.117	41.62787	-87.4987
46340	1068	435	85240346	341920	32.911	0.132	41.38257	-86.7707
46341	10426	4109	2.34E+08	713157	90.276	0.275	41.30967	-87.2146
46342	31244	13020	91228088	998491	35.223	0.386	41.51819	-87.2449
46345	249	94	981685	0	0.379	0	41.52736	-86.6987
46346	1423	543	4573901	0	1.766	0	41.472	-86.6926
46347	4760	1767	1.86E+08	44099	71.63	0.017	41.30667	-87.0133
46348	1045	468	1.33E+08	0	51.306	0	41.31032	-86.8619
46349	3336	1373	2.18E+08	11975	84.111	0.005	41.0986	-87.4156
46350	43650	18590	5.03E+08	7075137	194.22	2.732	41.60706	-86.7217
46356	17524	6775	3.06E+08	1577642	118.061	0.609	41.25662	-87.4222
46360	43625	20760	2E+08	6444538	77.322	2.488	41.68934	-86.8692
46365	1068	421	60257941	850583	23.266	0.328	41.61155	-86.5455
46366	5791	2462	2.06E+08	144783	79.525	0.056	41.21565	-86.7681
46368	38691	15729	68175688	7972401	26.323	3.078	41.59082	-87.1807
46371	3599	1553	98080166	1511978	37.869	0.584	41.68809	-86.5952
46373	13859	4915	26173739	235497	10.106	0.091	41.44836	-87.4679
46374	1012	468	93954336	213335	36.276	0.082	41.20437	-86.8988
46375	23820	9984	35084859	137390	13.546	0.053	41.49182	-87.4487
46376	398	173	23318622	69873	9.003	0.027	41.18485	-87.4699
46377	386	181	1555211	0	0.6	0	41.19473	-87.3387
46379	202	96	1199336	0	0.463	0	41.16789	-87.44
46381	235	96	2354814	0	0.909	0	41.16847	-87.3245
46382	2108	793	1.26E+08	83182	48.759	0.032	41.46131	-86.762
46383	39687	16472	2.26E+08	1555779	87.226	0.601	41.46317	-87.0075
46385	38866	14880	2.11E+08	1498387	81.307	0.579	41.46006	-87.1297
46390	2796	1151	1.27E+08	4811	49.14	0.002	41.41947	-86.8815
46391	9726	2762	1.04E+08	185530	40.265	0.072	41.55411	-86.919
46392	7957	3018	2.84E+08	2910831	109.48	1.124	41.1784	-87.0483
46393	399	168	3873710	0	1.496	0	41.50821	-87.1776
46394	12258	5513	8440728	4260790	3.259	1.645	41.6777	-87.4895
46402	6726	3676	9847717	38498	3.802	0.015	41.59933	-87.3307

46403	12601	6363	21456734	5607906	8.284	2.165	41.60809	-87.2622
46404	17326	8112	14808335	16311	5.718	0.006	41.58405	-87.374
46405	11746	4791	22493395	339074	8.685	0.131	41.57501	-87.2623
46406	9900	4523	33750622	204552	13.031	0.079	41.603	-87.408
46407	12656	6953	10964220	0	4.233	0	41.57846	-87.3302
46408	17030	7570	25249654	52849	9.749	0.02	41.54594	-87.3685
46409	8932	4267	9241532	0	3.568	0	41.54837	-87.3242
46410	38340	16559	76460736	76005	29.522	0.029	41.48021	-87.3331
46501	3856	1541	1.81E+08	425440	70.012	0.164	41.2246	-86.2453
46502	115	47	145515	0	0.056	0	41.25942	-85.9762
46504	3413	1346	1.7E+08	148790	65.541	0.057	41.30106	-86.1113
46506	10070	4000	2.58E+08	1931012	99.552	0.746	41.46262	-86.1724
46507	9128	3653	1.04E+08	2385902	40.145	0.921	41.72008	-85.818
46508	217	83	2418863	338	0.934	0	41.15041	-85.9768
46510	3631	1775	1.74E+08	3855582	67.029	1.489	41.12166	-85.8707
46511	4435	2563	1.73E+08	8967585	66.863	3.462	41.21942	-86.427
46514	40263	17673	99732680	4337757	38.507	1.675	41.72264	-85.9769
46516	33501	14209	45976445	2239534	17.752	0.865	41.67659	-85.9441
46517	23764	9096	95307867	16278	36.799	0.006	41.62729	-85.9979
46524	2326	814	88280528	1350082	34.085	0.521	41.30564	-86.0141
46526	30671	11847	1.74E+08	1290174	67.065	0.498	41.55878	-85.8767
46528	26104	9002	1.84E+08	1003135	70.954	0.387	41.60053	-85.7849
46530	30614	11158	64566514	50818	24.929	0.02	41.74093	-86.1269
46531	1458	584	55478878	25824	21.421	0.01	41.35699	-86.5194
46532	1905	798	1.37E+08	412738	52.791	0.159	41.41144	-86.6113
46534	11263	5460	3.15E+08	5973126	121.659	2.306	41.28535	-86.6178
46536	3445	1484	75182888	540850	29.028	0.209	41.51455	-86.298
46537	433	193	1276163	0	0.493	0	41.45988	-86.3102
46538	3867	2806	79640042	6407247	30.749	2.474	41.33024	-85.8234
46539	2298	956	82753812	1174719	31.951	0.454	41.16315	-86.0265
46540	11702	3972	1.58E+08	1354523	61.114	0.523	41.67981	-85.6979
46542	4198	1630	1.34E+08	1483798	51.735	0.573	41.39663	-85.8697
46543	3654	1064	78147753	0	30.173	0	41.53519	-85.6721
46544	30759	14052	1.04E+08	859577	40.045	0.332	41.61508	-86.1478
46545	25082	12655	46081765	797780	17.792	0.308	41.69377	-86.1468
46550	12311	4520	1.93E+08	142094	74.664	0.055	41.44599	-86.0006
46552	6834	2961	1.62E+08	2876662	62.447	1.111	41.70632	-86.4819
46553	3428	1224	81218866	0	31.359	0	41.47953	-85.8492
46554	4942	2005	1.83E+08	1678105	70.516	0.648	41.55741	-86.417
46555	2835	1959	23992884	4572216	9.264	1.765	41.32651	-85.6805
46556	7314	380	5217201	325414	2.014	0.126	41.70712	-86.2513
46561	13343	4915	37562042	1092062	14.503	0.422	41.66398	-86.0754
46562	4788	2242	1.57E+08	3748494	60.664	1.447	41.20834	-85.6844
46563	23599	9787	3.94E+08	4419894	152.237	1.707	41.35585	-86.3263
46565	7950	2416	1.65E+08	1988507	63.727	0.768	41.69485	-85.5775
46567	9405	6004	1.44E+08	19402205	55.588	7.491	41.41425	-85.7312
46570	1060	446	52934576	66896	20.438	0.026	41.19793	-86.1218

46571	5532	1565	1.12E+08	216108	43.128	0.083	41.57559	-85.5472
46573	3565	1346	88463076	198344	34.156	0.077	41.54436	-86.0697
46574	8339	3958	2.44E+08	2764028	94.118	1.067	41.48195	-86.4866
46580	21338	8987	1.89E+08	8190110	72.932	3.162	41.21383	-85.8695
46582	12378	5802	1.47E+08	6338546	56.746	2.447	41.2806	-85.8544
46590	4908	1788	7338764	333181	2.834	0.129	41.21684	-85.8127
46595	163	65	590819	0	0.228	0	41.52634	-86.1666
46601	6090	2837	5608122	162445	2.165	0.063	41.67027	-86.2527
46613	10893	4809	7395724	68944	2.856	0.027	41.65549	-86.2584
46614	29573	13581	1.37E+08	141831	52.909	0.055	41.60319	-86.2792
46615	14609	6954	8458861	161687	3.266	0.062	41.67395	-86.2117
46616	5667	2832	3807562	293048	1.47	0.113	41.69783	-86.266
46617	9601	4456	6743178	173342	2.604	0.067	41.68455	-86.2348
46619	21408	8352	59064441	623875	22.805	0.241	41.66094	-86.3538
46628	25650	11695	90669987	1729677	35.008	0.668	41.7233	-86.3283
46635	6654	2923	8107978	18472	3.131	0.007	41.71436	-86.2017
46637	15314	7296	24983632	262315	9.646	0.101	41.7337	-86.2415
46701	7979	3420	2.5E+08	4645730	96.438	1.794	41.36079	-85.4312
46702	2304	990	1.18E+08	2409562	45.475	0.93	40.83138	-85.6281
46703	18029	9508	3.04E+08	14002243	117.302	5.406	41.64959	-85.0066
46704	60	37	52409	0	0.02	0	41.10398	-85.2926
46705	1583	698	51513049	276993	19.889	0.107	41.5191	-85.062
46706	18630	7899	2.23E+08	693983	86.279	0.268	41.34159	-85.0327
46710	4679	1873	1.13E+08	245903	43.821	0.095	41.34235	-85.2421
46711	7698	2741	1.55E+08	391455	59.721	0.151	40.66195	-84.9269
46714	14645	6386	3.34E+08	2342505	128.835	0.904	40.72279	-85.1766
46721	5058	2024	2.08E+08	34133	80.394	0.013	41.42299	-84.8766
46723	7692	3115	1.62E+08	1229179	62.42	0.475	41.2452	-85.3262
46725	23080	10162	5.32E+08	5889822	205.23	2.274	41.14854	-85.4758
46730	1381	543	72607230	450336	28.034	0.174	41.45844	-85.1516
46731	559	226	41203288	74357	15.909	0.029	40.79354	-85.0996
46732	3169	1331	58774778	633478	22.693	0.245	41.37957	-85.6224
46733	18777	7937	4.47E+08	899043	172.498	0.347	40.82823	-84.94
46737	7068	4757	1.69E+08	10921266	65.099	4.217	41.71928	-84.9298
46738	7918	3225	67637601	224605	26.115	0.087	41.31891	-85.1489
46740	4060	1327	1.6E+08	1226789	61.591	0.474	40.60428	-84.9648
46741	4647	1428	67319841	1993910	25.992	0.77	41.21697	-84.9512
46742	3488	2189	1.32E+08	3234296	51.06	1.249	41.54859	-84.8791
46743	1971	710	58032167	0	22.406	0	41.21536	-84.8511
46745	1841	709	50924310	0	19.662	0	40.95166	-85.0094
46746	4036	1607	1.91E+08	2375456	73.553	0.917	41.72535	-85.3449
46747	2693	1547	94930599	1590541	36.653	0.614	41.56569	-85.158
46748	5134	1906	47537940	213686	18.355	0.083	41.24859	-85.1611
46750	27221	11482	5.16E+08	7580910	199.19	2.927	40.87846	-85.4964
46755	15062	6537	1.95E+08	2753304	75.434	1.063	41.44916	-85.2749
46759	652	254	76677338	57525	29.605	0.022	40.60393	-85.1785
46760	1382	620	65103868	1311079	25.137	0.506	41.34549	-85.5527

46761	12039	4512	3.2E+08	3688067	123.428	1.424	41.63445	-85.3774
46763	1631	673	58095936	41200	22.431	0.016	41.30143	-85.2327
46764	1497	610	88496842	420269	34.169	0.162	41.22439	-85.6204
46765	5341	1864	33628520	548744	12.984	0.212	41.23245	-85.0487
46766	685	276	52477713	161748	20.262	0.062	40.70861	-85.2828
46767	8564	2836	1.81E+08	893904	69.764	0.345	41.47084	-85.5704
46770	2716	1089	1.37E+08	1596304	52.811	0.616	40.83768	-85.3243
46771	105	48	3057297	31284	1.18	0.012	41.6943	-85.2961
46772	3411	885	91818292	0	35.451	0	40.72151	-84.9137
46773	3662	1474	2.04E+08	0	78.771	0	40.98215	-84.8756
46774	16008	6455	1.32E+08	740566	51.069	0.286	41.08926	-84.9725
46776	1484	843	60563717	3812065	23.384	1.472	41.72118	-85.1659
46777	6259	2548	1.43E+08	635780	55.344	0.245	40.86914	-85.1476
46779	2166	1114	91713565	1692372	35.411	0.653	41.5772	-85.0395
46781	793	344	66375762	117141	25.628	0.045	40.63238	-85.2689
46783	6396	2550	1.56E+08	1244620	60.21	0.481	40.96926	-85.3573
46784	2236	1385	34481309	4565457	13.313	1.763	41.5005	-85.3887
46785	1542	559	63165765	102282	24.388	0.039	41.3232	-84.8778
46786	102	47	93873	0	0.036	0	41.53204	-85.2724
46787	3893	1632	1.67E+08	288699	64.29	0.111	41.06625	-85.6197
46788	3260	1102	91988088	866420	35.517	0.335	41.27302	-84.9092
46791	918	360	39376422	133053	15.203	0.051	40.83782	-85.2321
46792	3499	1575	2.61E+08	2348702	100.685	0.907	40.68433	-85.4434
46793	4292	1744	1.44E+08	363087	55.687	0.14	41.4524	-85.0153
46794	1587	808	66644809	563956	25.732	0.218	41.46241	-85.4588
46795	5608	3396	1.44E+08	9438681	55.468	3.644	41.55397	-85.3309
46797	3957	1498	1.33E+08	937624	51.507	0.362	41.1284	-84.859
46798	1661	731	53365348	1541	20.604	0.001	40.93858	-85.2147
46799	212	92	641181	18214	0.248	0.007	40.9115	-85.2858
46802	11086	5472	10968507	11113	4.235	0.004	41.0693	-85.1652
46803	9758	4443	17099676	26748	6.602	0.01	41.06987	-85.0885
46804	27245	12242	50159719	16478	19.367	0.006	41.05322	-85.2422
46805	21306	10114	16696709	20031	6.447	0.008	41.10011	-85.1177
46806	23560	10374	23805793	0	9.191	0	41.04682	-85.0884
46807	16072	7132	8309404	0	3.208	0	41.04489	-85.1476
46808	19309	9150	27739804	189232	10.71	0.073	41.09778	-85.177
46809	8947	4341	59006418	15192	22.783	0.006	40.9983	-85.205
46814	12281	4364	44109339	50759	17.031	0.02	41.05088	-85.2992
46815	26522	11138	27001921	50630	10.426	0.02	41.10274	-85.0586
46816	18116	7879	94616918	258991	36.532	0.1	41.00079	-85.0362
46818	18790	7492	1.71E+08	297827	66.116	0.115	41.15586	-85.253
46819	8765	4020	66338159	199246	25.613	0.077	40.97459	-85.1336
46825	27931	12626	39724134	59965	15.338	0.023	41.15241	-85.1271
46835	33604	14791	54846141	6481	21.176	0.003	41.15298	-85.0408
46845	22117	7795	58877006	72806	22.733	0.028	41.20764	-85.1094
46901	37633	17720	3.59E+08	1490380	138.66	0.575	40.53127	-86.1695
46902	35697	17092	1.38E+08	173598	53.373	0.067	40.43728	-86.0946

46910	3360	1369	1.6E+08	1326001	61.912	0.512	41.04299	-86.0387
46911	1439	603	1.03E+08	2179469	39.665	0.841	40.63742	-85.9458
46913	1329	521	85212900	0	32.901	0	40.503	-86.5035
46914	4908	834	74581393	234643	28.796	0.091	40.6286	-86.0948
46915	679	321	6150668	0	2.375	0	40.47773	-86.3866
46917	1853	805	1.39E+08	47406	53.853	0.018	40.62687	-86.475
46919	2390	1033	1.09E+08	187264	42.172	0.072	40.59418	-85.8696
46920	1045	417	81516365	0	31.474	0	40.46441	-86.4948
46922	61	22	326790	0	0.126	0	41.13813	-86.4136
46923	8048	3417	3.49E+08	3435497	134.728	1.326	40.60887	-86.6417
46926	1708	701	91061710	611301	35.159	0.236	40.88794	-86.05
46928	4951	2220	1.88E+08	97466	72.414	0.038	40.4059	-85.6823
46929	3214	1425	1.33E+08	102166	51.284	0.039	40.55475	-86.4764
46930	133	54	363747	18943	0.14	0.007	40.40744	-85.5714
46931	188	76	178461	0	0.069	0	40.94754	-86.2643
46932	3448	1511	1.43E+08	52435	55.278	0.02	40.59724	-86.2505
46933	6414	2793	29549244	0	11.409	0	40.47985	-85.5823
46936	5922	2474	1.69E+08	569216	65.41	0.22	40.4843	-85.9278
46938	3200	1368	80170892	96696	30.954	0.037	40.45965	-85.6269
46939	2101	1053	2.45E+08	1173219	94.483	0.453	40.99288	-86.4005
46940	2548	1089	1.47E+08	3823978	56.81	1.476	40.69091	-85.6892
46941	1125	487	68134709	4778538	26.307	1.845	40.82298	-85.6899
46943	247	105	862013	206787	0.333	0.08	40.97539	-85.8429
46946	136	51	842440	70336	0.325	0.027	41.04043	-85.7284
46947	28866	12130	4.8E+08	5641044	185.319	2.178	40.75992	-86.3761
46950	643	281	72792015	4955	28.105	0.002	40.8882	-86.3649
46951	2170	1086	1.64E+08	1255022	63.47	0.485	40.94757	-86.1054
46952	20308	9827	2.75E+08	1355604	106.13	0.523	40.59943	-85.6292
46953	24177	10259	2.2E+08	279797	84.792	0.108	40.51942	-85.6433
46957	558	235	1231655	0	0.476	0	40.3883	-85.496
46958	460	218	1090247	0	0.421	0	40.82193	-86.117
46959	231	127	2848671	0	1.1	0	40.62086	-86.1072
46960	1218	623	1.08E+08	148688	41.601	0.057	41.16135	-86.5355
46961	99	57	1254220	0	0.484	0	40.76651	-86.1917
46962	9728	3958	2.83E+08	1537793	109.429	0.594	40.98821	-85.7685
46967	98	43	240010	0	0.093	0	40.69468	-86.1951
46968	73	30	945560	0	0.365	0	41.17534	-86.5464
46970	23766	11202	4.79E+08	8003810	184.973	3.09	40.76013	-86.0615
46974	1699	722	1.08E+08	1340945	41.734	0.518	40.95191	-85.9335
46975	14691	6777	5.6E+08	4590306	216.196	1.772	41.07533	-86.2503
46978	2059	885	1.64E+08	0	63.49	0	40.85663	-86.5125
46979	4733	1896	1.09E+08	35984	42.179	0.014	40.42942	-86.2757
46982	2573	1185	1.08E+08	2047440	41.588	0.791	41.06342	-85.883
46984	224	119	602330	15024	0.233	0.006	40.66777	-85.8301
46985	1441	692	1.82E+08	224927	70.317	0.087	40.95079	-86.5739
46986	1915	811	90087678	0	34.783	0	40.49795	-85.8193
46987	776	328	1415971	8892	0.547	0.003	40.56865	-85.7653

46988	823	359	68383017	74354	26.403	0.029	40.87712	-86.2347
46989	5195	1468	87005648	408525	33.593	0.158	40.44864	-85.4814
46990	801	333	78004169	94670	30.118	0.037	40.89734	-85.7314
46991	1797	783	79262382	97255	30.603	0.038	40.62804	-85.5142
46992	16759	7511	4.19E+08	8434758	161.969	3.257	40.78731	-85.8264
46994	2684	1109	1.49E+08	390931	57.61	0.151	40.66733	-86.2546
46996	7139	3231	4.85E+08	1896391	187.203	0.732	41.06469	-86.6583
46998	112	53	211531	0	0.082	0	40.56761	-86.3497
47001	10422	4362	1.89E+08	2535960	72.845	0.979	39.07267	-84.9655
47003	1040	468	32616766	162223	12.593	0.063	39.55969	-84.8343
47006	11727	4666	2.68E+08	1641221	103.569	0.634	39.292	-85.2159
47010	306	135	27877361	110744	10.764	0.043	39.50158	-84.8487
47011	1277	520	92506819	181487	35.717	0.07	38.88162	-85.0761
47012	10188	4392	4.29E+08	13938928	165.513	5.382	39.4273	-84.9834
47016	793	332	50684553	121404	19.569	0.047	39.37222	-84.8902
47017	507	232	39912147	206874	15.41	0.08	38.93553	-85.1859
47018	4275	1831	1.85E+08	166288	71.267	0.064	38.99677	-85.0866
47020	1309	607	55956734	841575	21.605	0.325	38.81514	-84.9244
47022	3358	1217	88067278	0	34.003	0	39.2049	-84.9517
47023	1636	684	1.22E+08	254620	47.031	0.098	39.08055	-85.3819
47024	3226	1342	1.69E+08	956897	65.275	0.369	39.47687	-85.199
47025	22932	9265	1.43E+08	2838283	55.342	1.096	39.16552	-84.8663
47030	1636	661	86950060	976549	33.572	0.377	39.42409	-85.1324
47031	5368	2169	1.6E+08	687361	61.643	0.265	39.12424	-85.1565
47032	3289	1281	90594359	55811	34.979	0.022	39.08691	-85.0437
47034	158	80	297335	0	0.115	0	39.20398	-85.3275
47035	233	101	791449	0	0.306	0	39.30922	-84.9055
47036	1023	362	41684897	153217	16.095	0.059	39.39111	-85.2459
47037	4333	1845	2.08E+08	617438	80.216	0.238	39.16948	-85.3257
47038	1504	842	80474155	4628971	31.071	1.787	38.8503	-84.85
47040	5480	2471	1.74E+08	2809810	67.113	1.085	38.92206	-84.941
47041	6125	2317	2.14E+08	608627	82.759	0.235	39.23405	-85.0838
47042	4504	2019	1.99E+08	130053	76.924	0.05	39.01944	-85.2551
47043	5250	2460	2.67E+08	1772435	103.135	0.684	38.79037	-85.091
47060	6448	2625	1.48E+08	1592135	57.284	0.615	39.30134	-84.8857
47102	7255	3070	1.04E+08	174152	40.026	0.067	38.76501	-85.7927
47104	41	22	492736	26896	0.19	0.01	38.5403	-85.4214
47106	4718	1956	1.8E+08	1590054	69.378	0.614	38.4643	-85.8998
47108	2463	1050	2.3E+08	774836	88.735	0.299	38.64003	-86.2485
47110	350	147	15020102	0	5.799	0	38.09885	-86.185
47111	14533	5866	2.07E+08	2176054	79.868	0.84	38.4662	-85.6326
47112	16722	6991	4.19E+08	648052	161.631	0.25	38.19552	-86.1625
47114	399	160	2538540	0	0.98	0	38.28582	-86.0846
47115	2622	1158	1.48E+08	560590	56.975	0.216	38.34895	-86.21
47116	805	523	77753714	1714338	30.021	0.662	38.32423	-86.622
47117	4429	1889	2.16E+08	314289	83.44	0.121	38.10664	-85.9674
47118	3502	1762	3.68E+08	5035683	142.027	1.944	38.31009	-86.4974

47119	10911	4198	1.12E+08	666680	43.11	0.257	38.37204	-85.8816
47120	938	394	48135819	505921	18.585	0.195	38.46306	-86.1889
47122	9979	3897	92091964	310944	35.557	0.12	38.30596	-85.9848
47123	189	92	19167055	0	7.4	0	38.26713	-86.4794
47124	4264	1597	63458558	166739	24.501	0.064	38.37149	-86.0106
47125	1658	731	1.07E+08	238889	41.461	0.092	38.4636	-86.3131
47126	4250	1645	90580716	398885	34.973	0.154	38.54709	-85.7759
47129	19527	9043	24379471	550739	9.413	0.213	38.31314	-85.7685
47130	44722	20053	88482972	1029351	34.163	0.397	38.3334	-85.6972
47135	1372	617	1.32E+08	1518666	51	0.586	38.04882	-86.0744
47136	4178	1645	71759730	142927	27.707	0.055	38.23509	-85.9667
47137	1421	762	1.57E+08	2612807	60.772	1.009	38.16812	-86.3905
47138	4373	1840	1.91E+08	1385880	73.705	0.535	38.68248	-85.5847
47140	2669	1234	1.07E+08	37454	41.441	0.014	38.38097	-86.3629
47141	1668	680	88367828	405041	34.119	0.156	38.54796	-85.6121
47142	1174	542	95821519	2082455	36.997	0.804	38.08488	-86.2131
47143	3015	1211	58468995	707576	22.575	0.273	38.46861	-85.7682
47145	1998	923	1.11E+08	106	42.919	0	38.32988	-86.3066
47147	945	409	72030943	190957	27.811	0.074	38.59279	-85.5451
47150	47472	21577	1.14E+08	1244815	43.893	0.481	38.28351	-85.8476
47160	93	39	106994	0	0.041	0	38.16446	-86.051
47161	3735	1498	57212404	55031	22.09	0.021	38.3218	-86.1036
47162	829	355	59001065	838882	22.78	0.324	38.54586	-85.4601
47163	1746	702	53941183	352573	20.827	0.136	38.53307	-85.6698
47164	3779	1597	90797326	297008	35.057	0.115	38.41469	-86.1029
47165	6438	2712	2.13E+08	841170	82.396	0.325	38.50348	-86.0069
47166	1302	532	33260861	0	12.842	0	38.30688	-86.1674
47167	15014	6502	5.53E+08	3709607	213.365	1.432	38.61146	-86.0959
47170	14795	6523	4.12E+08	5305664	159.211	2.049	38.6852	-85.8441
47172	16059	6530	64166221	991583	24.775	0.383	38.39951	-85.7743
47175	909	522	58142305	5353201	22.449	2.067	38.37676	-86.568
47177	1221	509	43166207	307892	16.667	0.119	38.58974	-85.7919
47201	41662	18192	5.29E+08	5012464	204.428	1.935	39.15887	-85.9932
47203	25806	11099	2.01E+08	214991	77.479	0.083	39.2304	-85.8322
47220	5652	2355	2.15E+08	2082723	82.898	0.804	38.87628	-86.0491
47223	1490	652	1.5E+08	736987	57.808	0.285	39.05007	-85.472
47224	636	242	58253149	294720	22.492	0.114	38.88803	-85.2151
47226	202	98	254911	0	0.098	0	39.28237	-85.869
47227	1598	659	1.27E+08	298181	49.146	0.115	38.86758	-85.6541
47229	3231	1414	1.3E+08	74598	50.023	0.029	38.8031	-85.8677
47230	2029	898	1.3E+08	517146	50.126	0.2	38.79238	-85.6251
47231	1167	473	73242901	184922	28.279	0.071	38.90149	-85.4938
47232	2839	1134	82337091	715337	31.791	0.276	39.11206	-85.7893
47234	1379	603	85570627	0	33.039	0	39.37736	-85.7679
47235	1784	791	1.04E+08	849582	40.226	0.328	38.99171	-86.1361
47240	20832	9149	7.74E+08	1782541	298.705	0.688	39.30599	-85.4784
47243	5951	2306	90509714	1484080	34.946	0.573	38.6687	-85.4822

47244	786	310	45576149	0	17.597	0	39.21904	-85.7015
47246	4342	1697	1.52E+08	394277	58.811	0.152	39.29925	-85.767
47247	156	77	304379	0	0.118	0	39.05953	-85.8881
47250	21944	10113	5.37E+08	2779291	207.188	1.073	38.81532	-85.3511
47260	1911	816	1.44E+08	1980618	55.673	0.765	38.83674	-86.1978
47263	236	102	323977	0	0.125	0	39.30944	-85.3302
47264	1428	648	2.56E+08	743292	98.863	0.287	38.97439	-86.25
47265	20911	8918	4.95E+08	1890688	191.169	0.73	39.01466	-85.6299
47270	807	324	48119745	149961	18.579	0.058	38.83934	-85.7229
47272	2041	835	84202962	144849	32.511	0.056	39.41101	-85.6214
47273	1849	729	80127600	664478	30.937	0.257	39.07579	-85.7368
47274	28770	12474	5.47E+08	5568718	211.378	2.15	38.96651	-85.9377
47280	813	336	2715970	0	1.049	0	39.29659	-85.9505
47281	1324	609	1.44E+08	2506382	55.68	0.968	38.78853	-86.1063
47282	289	149	832989	0	0.322	0	38.98235	-85.6107
47283	3386	1457	1.55E+08	143108	59.965	0.055	39.17369	-85.5887
47302	27592	13373	1.72E+08	589196	66.389	0.227	40.12691	-85.3825
47303	25365	11740	1.5E+08	834077	58.082	0.322	40.27164	-85.3778
47304	30516	14240	90693267	308247	35.017	0.119	40.23633	-85.4598
47305	4106	2631	3457747	116891	1.335	0.045	40.1941	-85.3859
47306	6189	9	588964	1392	0.227	0.001	40.20238	-85.4046
47320	4134	1869	86737086	727962	33.489	0.281	40.2717	-85.2728
47324	138	67	545771	0	0.211	0	39.74111	-84.8518
47325	667	281	52701589	317044	20.348	0.122	39.69115	-85.0202
47326	2295	726	1.73E+08	187681	66.855	0.072	40.54868	-84.9673
47327	4597	2065	1.41E+08	1351375	54.576	0.522	39.82743	-85.1751
47330	5755	2406	1.54E+08	725251	59.431	0.28	39.78625	-85.0223
47331	23429	10550	4.93E+08	3594997	190.377	1.388	39.62408	-85.1573
47334	3263	1373	68681652	293788	26.518	0.113	40.11875	-85.527
47335	761	352	1256058	29299	0.485	0.011	39.81237	-85.2052
47336	3807	1785	1.22E+08	124534	46.972	0.048	40.38672	-85.2104
47337	203	96	477789	0	0.184	0	39.80248	-85.4373
47338	2827	1261	72518039	627136	27.999	0.242	40.34037	-85.3418
47339	669	266	34343874	25874	13.26	0.01	39.93878	-85.0791
47340	2914	1278	1.39E+08	274122	53.539	0.106	40.18076	-85.1337
47341	2283	911	94645244	82888	36.543	0.032	39.97232	-84.8917
47342	2693	1191	1.3E+08	275988	50.013	0.107	40.32858	-85.508
47344	140	69	367109	9484	0.142	0.004	39.87837	-85.4654
47345	1448	539	77037238	373627	29.744	0.144	39.89386	-85.0602
47346	4082	1771	1.17E+08	246535	45.036	0.095	39.93166	-85.1682
47348	9828	4692	3.02E+08	1021319	116.519	0.394	40.46621	-85.3404
47351	471	181	1095072	477	0.423	0	39.907	-85.5221
47352	965	418	77850096	187772	30.058	0.072	39.79572	-85.3671
47353	5879	2510	3.22E+08	6406077	124.495	2.473	39.62311	-84.9252
47354	1129	520	76785919	194563	29.647	0.075	40.04084	-85.1925
47355	2885	1273	1.65E+08	244360	63.557	0.094	40.04417	-84.9271
47356	5781	2446	1.4E+08	204940	53.872	0.079	40.03146	-85.5074

47357	1215	537	90209810	1074523	34.83	0.415	39.75136	-85.1469
47358	996	434	97889937	125423	37.796	0.048	40.05731	-85.1135
47359	3143	1396	1.56E+08	602881	60.283	0.233	40.55128	-85.2837
47360	1546	649	89089594	1664678	34.398	0.643	40.01127	-85.2582
47361	135	63	119788	0	0.046	0	40.00419	-85.3851
47362	30243	13078	3.8E+08	4348230	146.547	1.679	39.93046	-85.3696
47367	191	73	1863804	0	0.72	0	40.08265	-85.3872
47368	2845	1221	90574172	127682	34.971	0.049	40.1822	-85.1942
47369	1343	598	88830591	42461	34.298	0.016	40.50734	-85.1421
47371	12226	5397	5.65E+08	148599	218.336	0.057	40.419	-84.9628
47373	2226	1018	78122543	71145	30.163	0.027	40.33751	-85.1608
47374	46875	21937	3.04E+08	2796691	117.421	1.08	39.83208	-84.8897
47380	2004	897	1.58E+08	783236	60.92	0.302	40.28675	-85.03
47381	145	53	776581	0	0.3	0	40.38179	-84.8669
47382	200	102	402229	0	0.155	0	40.23639	-84.9175
47383	2960	1243	84766278	5144812	32.728	1.986	40.14186	-85.2661
47384	2000	869	84905786	47422	32.782	0.018	39.90924	-85.5509
47385	1612	690	38521827	121444	14.873	0.047	39.83291	-85.446
47386	1231	508	46034500	224826	17.774	0.087	40.05507	-85.3857
47387	726	323	42430139	129031	16.382	0.05	39.83847	-85.2985
47388	384	158	748786	682	0.289	0	40.00564	-85.4434
47390	5310	2500	2.03E+08	272907	78.421	0.105	40.20567	-84.8464
47393	1704	644	96373046	205241	37.21	0.079	39.963	-85.0037
47394	8470	3799	3.13E+08	476474	120.886	0.184	40.16797	-84.9873
47396	7030	2991	82551261	583216	31.873	0.225	40.18918	-85.5172
47401	41011	19124	2.15E+08	37558952	82.924	14.502	39.10255	-86.443
47403	30955	14537	2.24E+08	263369	86.448	0.102	39.08522	-86.6123
47404	21026	9678	1.33E+08	10062	51.278	0.004	39.21953	-86.5912
47405	4427	2	1217507	0	0.47	0	39.16821	-86.5186
47406	4730	4	574933	0	0.222	0	39.1778	-86.5154
47408	24776	10724	1.72E+08	579586	66.42	0.224	39.22982	-86.4673
47420	135	75	579821	0	0.224	0	38.91316	-86.5489
47421	27831	12857	4.73E+08	3658163	182.728	1.412	38.86349	-86.4522
47424	9525	4412	4.77E+08	2860593	184.285	1.104	39.02005	-86.8824
47427	1093	536	1.38E+08	744245	53.257	0.287	39.23283	-87.0161
47429	7986	3369	63877153	0	24.663	0	39.27328	-86.6159
47431	1366	635	95734594	74923	36.963	0.029	39.2366	-86.9029
47432	4537	2190	2.14E+08	15397736	82.671	5.945	38.48553	-86.6419
47433	4025	1801	2.1E+08	711988	80.908	0.275	39.35579	-86.6415
47434	76	39	126857	0	0.049	0	39.01191	-86.5473
47436	1663	768	1.19E+08	812256	45.799	0.314	38.95415	-86.386
47437	123	68	2222042	0	0.858	0	38.71474	-86.677
47438	4798	2197	1.54E+08	2522945	59.358	0.974	39.15873	-87.1873
47441	9269	4404	1.74E+08	1895210	67.063	0.732	39.0447	-87.1655
47443	1233	557	1.15E+08	607171	44.426	0.234	38.95817	-87.0991
47446	9990	4480	3.12E+08	1388934	120.613	0.536	38.74719	-86.5182
47448	7505	4053	5.1E+08	7208478	196.959	2.783	39.17953	-86.2355

47449	413	184	50605306	1236580	19.539	0.477	38.92699	-87.0033
47451	1228	613	4809403	0	1.857	0	38.89296	-86.5236
47452	5359	2245	2.64E+08	1147362	102.02	0.443	38.64714	-86.4334
47453	498	214	32309942	35648	12.475	0.014	38.94163	-86.7757
47454	7688	3573	3.28E+08	885693	126.488	0.342	38.51003	-86.4518
47455	124	69	1454461	0	0.562	0	39.3165	-86.9562
47456	1200	524	68040891	398007	26.271	0.154	39.46524	-86.6913
47457	134	62	1492655	0	0.576	0	38.90914	-86.9048
47458	36	18	38770	0	0.015	0	39.07033	-86.5072
47459	3795	1564	1.51E+08	0	58.367	0	39.11279	-86.7496
47460	11471	5058	3.9E+08	1951232	150.402	0.753	39.28666	-86.7979
47462	4871	2064	1.96E+08	104867	75.862	0.04	38.95832	-86.6476
47464	198	107	280750	0	0.108	0	39.2998	-86.65
47465	750	325	61807864	352060	23.864	0.136	39.04797	-87.0349
47467	72	44	141803	0	0.055	0	38.76786	-86.3444
47468	1250	938	68181945	6259512	26.325	2.417	39.27108	-86.3929
47469	1749	872	1.62E+08	787662	62.458	0.304	38.6376	-86.5992
47470	1735	803	1.2E+08	2007878	46.213	0.775	38.81828	-86.6371
47471	2727	1260	1.78E+08	546213	68.618	0.211	39.14289	-87.0038
47501	17535	7559	3.79E+08	4287506	146.21	1.655	38.66206	-87.1736
47512	3981	2002	1.29E+08	931403	49.851	0.36	38.78374	-87.3208
47513	1841	955	1.54E+08	1027905	59.311	0.397	38.30426	-86.7141
47514	1559	88	11391921	0	4.398	0	38.1562	-86.5862
47515	965	435	1.44E+08	609625	55.762	0.235	38.18391	-86.704
47516	1249	559	76991643	190882	29.727	0.074	38.77101	-87.4193
47519	513	198	50481754	516555	19.491	0.199	38.60266	-86.9927
47520	3267	1673	2.11E+08	5767323	81.513	2.227	37.94506	-86.6682
47521	927	338	48822922	8280101	18.851	3.197	38.39608	-86.7246
47522	246	121	21898576	853120	8.455	0.329	38.89232	-86.8167
47523	3435	1460	1.7E+08	774976	65.737	0.299	38.17879	-87.0258
47524	605	286	1.32E+08	6660273	50.928	2.572	38.49477	-87.6109
47525	382	205	74793563	1169886	28.878	0.452	38.03234	-86.5597
47527	1897	822	1.39E+08	967194	53.637	0.373	38.46886	-86.7859
47528	476	253	48531376	230759	18.738	0.089	38.83314	-87.2532
47529	1042	500	81899813	902927	31.622	0.349	38.85497	-87.08
47531	1004	434	95662529	1310676	36.936	0.506	38.03971	-86.8514
47532	4627	1798	1.81E+08	1196635	69.784	0.462	38.22135	-86.8606
47535	566	248	9065996	0	3.5	0	38.87234	-87.3077
47536	40	15	71329	0	0.028	0	38.11229	-86.8365
47537	826	339	41352742	265790	15.966	0.103	38.07417	-87.0361
47541	1224	515	51787820	512598	19.995	0.198	38.23528	-87.0462
47542	9622	3875	2.11E+08	2733874	81.356	1.056	38.29659	-86.9672
47546	21009	8937	3.21E+08	6122871	123.798	2.364	38.41878	-86.9326
47550	854	334	90976568	714377	35.126	0.276	38.06719	-86.9213
47551	649	271	83352142	27939	32.182	0.011	38.11411	-86.5696
47552	182	73	13369907	326357	5.162	0.126	38.11455	-86.9997
47553	8495	3421	3.61E+08	6199659	139.425	2.394	38.66075	-86.9038

47557	1432	620	1.41E+08	2891578	54.581	1.116	38.57883	-87.3428
47558	4406	1255	2.23E+08	7363753	86.266	2.843	38.64614	-87.0404
47561	1588	688	1.85E+08	2017818	71.429	0.779	38.86368	-87.4383
47562	4658	1719	1.71E+08	1176725	66.047	0.454	38.83309	-86.9734
47564	1352	634	95377177	1296811	36.825	0.501	38.48304	-87.0938
47567	6021	2639	2.97E+08	5580439	114.519	2.155	38.4627	-87.305
47568	834	356	71723997	1441405	27.693	0.557	38.76409	-87.1024
47574	148	69	37679420	1275888	14.548	0.493	37.95004	-86.5621
47575	976	415	54845770	466138	21.176	0.18	38.31781	-86.8045
47576	388	167	56374068	541221	21.766	0.209	38.17554	-86.6179
47577	1143	426	65377687	301044	25.242	0.116	38.15253	-86.8089
47578	776	365	1.3E+08	2028540	50.167	0.783	38.90234	-87.1935
47579	2659	1116	30046089	1165881	11.601	0.45	38.11093	-86.9151
47580	289	112	12989746	33286	5.015	0.013	38.3552	-86.7672
47581	3883	1941	3.7E+08	5625233	142.843	2.172	38.65569	-86.7626
47584	179	74	381336	545	0.147	0	38.2555	-87.2595
47585	592	268	91698838	1644749	35.405	0.635	38.26827	-87.158
47586	10932	5075	2.44E+08	2329145	94.284	0.899	38.0391	-86.702
47588	698	327	42232506	354094	16.306	0.137	38.07239	-86.7784
47590	713	303	1.02E+08	1279180	39.432	0.494	38.36065	-87.1003
47591	26770	11555	4.19E+08	5126856	161.761	1.979	38.62856	-87.5015
47596	202	103	5340078	0	2.062	0	38.8665	-87.2277
47597	1023	458	1.15E+08	1240379	44.321	0.479	38.65439	-87.2988
47598	3418	1531	1.84E+08	5406454	70.922	2.087	38.38689	-87.2116
47601	13896	5926	3.23E+08	5061601	124.735	1.954	38.05144	-87.2545
47610	5195	2222	92413680	1401252	35.681	0.541	38.05776	-87.4017
47611	1257	559	1.01E+08	872754	38.874	0.337	38.02792	-87.0575
47612	861	395	41209833	0	15.911	0	38.19303	-87.6992
47613	2679	1081	1.37E+08	1434598	52.81	0.554	38.15895	-87.4175
47615	1611	681	93131722	3517655	35.958	1.358	37.96985	-86.9635
47616	364	197	1.11E+08	5189898	42.777	2.004	38.24005	-87.8908
47619	1696	714	1.25E+08	2859226	48.335	1.104	38.1854	-87.3036
47620	13427	5825	5.39E+08	20549659	208.022	7.934	37.93196	-87.9057
47630	34423	13516	1.21E+08	3838033	46.699	1.482	37.9529	-87.3465
47631	2042	1043	1.57E+08	2452104	60.438	0.947	38.10913	-87.9018
47633	2542	1119	1.61E+08	76244	62.128	0.029	38.17591	-87.7879
47634	2382	1060	1.31E+08	406041	50.475	0.157	37.93947	-87.1825
47635	5671	2455	2.2E+08	1567304	84.77	0.605	37.88368	-87.1065
47637	1507	595	1.5E+08	1851336	58.019	0.715	38.13573	-87.1513
47638	3577	1406	1.27E+08	54117	49.196	0.021	38.06544	-87.7761
47639	4069	1610	1.12E+08	297610	43.054	0.115	38.1761	-87.5729
47640	1089	485	99659723	1929429	38.479	0.745	38.47818	-87.484
47648	4373	1844	1.39E+08	297758	53.587	0.115	38.24758	-87.5578
47649	1402	645	1.11E+08	623367	42.96	0.241	38.35347	-87.4512
47654	70	33	273746	0	0.106	0	38.24951	-87.3923
47660	4934	2242	2.32E+08	4511509	89.429	1.742	38.29505	-87.3222
47665	3637	1513	1.82E+08	1856537	70.443	0.717	38.27667	-87.7227

47666	1447	710	1.27E+08	3303849	49.141	1.276	38.4178	-87.6005
47670	12352	5514	2.06E+08	872238	79.683	0.337	38.34489	-87.5848
47683	210	84	470922	394	0.182	0	38.27678	-87.377
47708	439	226	1435639	5765	0.554	0.002	37.97455	-87.5736
47710	19527	9349	22768908	420180	8.791	0.162	38.02551	-87.5758
47711	31457	14267	42018531	511026	16.223	0.197	38.0153	-87.5367
47712	26012	11138	1.64E+08	2516349	63.403	0.972	37.92646	-87.6655
47713	11032	5947	9971696	255943	3.85	0.099	37.95453	-87.5592
47714	34107	15800	20678502	14753	7.984	0.006	37.95661	-87.5213
47715	27063	14163	60133562	1503705	23.218	0.581	37.97242	-87.4797
47720	17413	7253	1.44E+08	1150324	55.539	0.444	38.0629	-87.6416
47725	15851	6143	1.48E+08	1230399	57.009	0.475	38.10633	-87.5249
47802	34532	14283	4.19E+08	8618005	161.599	3.327	39.35096	-87.4118
47803	21102	9578	88466871	1235885	34.157	0.477	39.46609	-87.3073
47804	11020	5062	17035372	249687	6.577	0.096	39.49781	-87.39
47805	12852	5496	1.35E+08	964200	52.146	0.372	39.54627	-87.3265
47807	13045	6226	9714936	274193	3.751	0.106	39.47133	-87.4028
47809	2687	1	454435	0	0.175	0	39.47125	-87.4101
47832	1040	484	1.1E+08	74732	42.388	0.029	39.88088	-87.2584
47833	1010	487	96214621	17794	37.149	0.007	39.35861	-86.9752
47834	19215	8469	3.89E+08	4392691	150.024	1.696	39.52555	-87.122
47836	47	33	509465	0	0.197	0	39.6461	-87.1791
47837	1231	562	75298067	375862	29.073	0.145	39.62722	-87.1149
47838	4081	877	2.73E+08	1516845	105.433	0.586	38.96177	-87.3837
47840	1500	696	1.38E+08	1424448	53.117	0.55	39.40806	-87.0565
47841	2138	1026	1.72E+08	802796	66.266	0.31	39.27372	-87.1143
47842	10085	4696	1.86E+08	2986642	71.913	1.153	39.67858	-87.4636
47846	638	295	81638737	406006	31.521	0.157	39.37864	-87.1936
47847	1077	493	1.26E+08	21689	48.572	0.008	39.83134	-87.4858
47848	1691	832	43671874	1223746	16.862	0.472	39.04204	-87.262
47849	496	234	67488215	1293565	26.057	0.499	39.1953	-87.5637
47850	2456	1115	1.32E+08	584353	51.024	0.226	39.25193	-87.4358
47853	134	61	111905	0	0.043	0	39.5382	-87.0728
47854	849	363	74214645	1360233	28.654	0.525	39.80302	-87.4031
47855	546	241	2065605	0	0.798	0	39.18983	-87.3041
47857	571	165	1330556	0	0.514	0	39.52416	-87.0911
47858	698	295	82538405	99775	31.868	0.039	39.26217	-87.2246
47859	1066	408	1.07E+08	53186	41.342	0.021	39.88184	-87.1722
47860	321	129	1720766	0	0.664	0	39.72186	-87.3303
47861	616	298	1.14E+08	3704298	43.937	1.43	39.07346	-87.5704
47862	1610	756	1.05E+08	1649354	40.39	0.637	39.76709	-87.3424
47863	205	105	2188311	38102	0.845	0.015	39.58913	-87.4543
47865	79	41	352370	0	0.136	0	39.021	-87.3914
47866	347	157	46105391	239720	17.801	0.093	39.29241	-87.3211
47868	2937	1564	1.5E+08	4256942	58.105	1.644	39.40947	-86.8972
47869	137	59	281061	0	0.109	0	39.27392	-87.4967
47871	220	102	214002	0	0.083	0	39.38968	-87.2999

47872	8890	4081	4.43E+08	9599484	171.056	3.706	39.75354	-87.1531
47874	3414	1542	1.78E+08	1250401	68.776	0.483	39.6285	-87.2707
47876	394	3	1215813	18494	0.469	0.007	39.51459	-87.4598
47879	3302	1477	1.53E+08	1342630	59.254	0.518	39.19769	-87.3787
47880	67	24	61096	0	0.024	0	39.59975	-87.4188
47881	465	196	1031886	0	0.398	0	39.48593	-87.1924
47882	8430	3904	3.71E+08	7214494	143.408	2.786	39.09132	-87.4109
47884	229	111	3329058	373739	1.285	0.144	39.61333	-87.449
47885	9009	3935	2.13E+08	5605099	82.319	2.164	39.51041	-87.4771
47901	3518	2193	1534915	54928	0.593	0.021	40.41778	-86.8896
47904	16277	7456	14655846	415120	5.659	0.16	40.43863	-86.8769
47905	38910	17306	3.1E+08	2184171	119.753	0.843	40.42002	-86.766
47906	66972	24432	3.51E+08	3065576	135.682	1.184	40.47968	-86.9892
47907	0	0	736266	0	0.284	0	40.4244	-86.9155
47909	39373	16554	3E+08	945543	115.697	0.365	40.32456	-86.8963
47916	64	37	160082	0	0.062	0	39.98365	-87.0554
47917	491	206	1.02E+08	0	39.513	0	40.46684	-87.4734
47918	6321	2768	3.77E+08	2673673	145.458	1.032	40.29868	-87.198
47920	2414	1033	73568825	1343445	28.405	0.519	40.54076	-86.8339
47921	1078	497	1.06E+08	0	40.998	0	40.47715	-87.3754
47922	1623	671	1.96E+08	276349	75.71	0.107	40.87694	-87.3489
47923	3494	1538	2.37E+08	766601	91.559	0.296	40.6104	-86.94
47924	141	59	203478	0	0.079	0	40.48795	-86.7628
47925	203	127	1212885	125863	0.468	0.049	40.87828	-86.7484
47926	1097	466	96434855	323386	37.234	0.125	40.78038	-86.5955
47928	2047	917	1.12E+08	1388407	43.246	0.536	39.92134	-87.4723
47929	774	335	1.1E+08	99087	42.304	0.038	40.67016	-86.9128
47930	1094	454	66442029	0	25.653	0	40.23709	-86.7424
47932	5357	2389	2.82E+08	3320787	108.702	1.282	40.13433	-87.4152
47933	27937	12165	6.08E+08	869852	234.558	0.336	40.03891	-86.8968
47940	1433	588	1.06E+08	0	40.836	0	40.11758	-86.7466
47941	1300	521	2050679	0	0.792	0	40.37614	-86.774
47942	660	328	1.46E+08	10638	56.229	0.004	40.68629	-87.4443
47943	932	324	1.62E+08	147220	62.697	0.057	41.06338	-87.2734
47944	3623	1604	4.81E+08	150296	185.745	0.058	40.61602	-87.3301
47946	2044	861	2.4E+08	0	92.491	0	40.98174	-86.8684
47948	1359	611	1.43E+08	0	55.263	0	40.77702	-87.2817
47949	1332	573	1.09E+08	191543	41.928	0.074	40.06054	-87.1373
47950	912	382	97650640	0	37.703	0	40.80244	-86.6549
47951	2252	1014	1.67E+08	10352	64.57	0.004	40.78953	-87.4444
47952	2798	1476	2.97E+08	2535798	114.766	0.979	39.95964	-87.2991
47954	2220	994	1.74E+08	79331	67.126	0.031	39.89996	-86.8185
47955	1088	459	64327148	0	24.837	0	40.19633	-86.8619
47957	1894	822	1.54E+08	0	59.301	0	41.08615	-86.8747
47958	209	105	1111690	0	0.429	0	40.16422	-87.1424
47959	2822	1315	1.77E+08	508965	68.416	0.197	40.86257	-86.9007
47960	15003	9615	3.04E+08	11069240	117.191	4.274	40.77902	-86.751

47963	1949	911	2.68E+08	3618401	103.483	1.397	40.98425	-87.4319
47964	122	57	386468	0	0.149	0	40.95212	-87.2986
47965	646	261	1058891	0	0.409	0	39.95445	-86.9203
47966	461	213	2830560	0	1.093	0	39.88582	-87.397
47967	772	316	80714229	0	31.164	0	40.19668	-87.0016
47968	982	396	63224583	2848	24.411	0.001	39.95952	-86.75
47969	145	62	473016	0	0.183	0	40.20572	-87.1487
47970	2034	851	1.52E+08	1071429	58.655	0.414	40.46212	-87.1431
47971	1865	829	1.44E+08	75101	55.594	0.029	40.53202	-87.2339
47974	1186	549	1.06E+08	1511777	40.921	0.584	40.04292	-87.4804
47975	653	327	1.01E+08	0	39.015	0	40.44913	-87.2533
47977	2206	974	2.16E+08	244835	83.513	0.095	40.75591	-87.1646
47978	11793	4672	6.67E+08	751374	257.444	0.29	40.98617	-87.113
47980	1096	478	1.44E+08	26934	55.481	0.01	40.75163	-86.8974
47981	849	333	94199347	0	36.371	0	40.24503	-86.9304
47982	143	70	360426	0	0.139	0	40.19735	-87.5271
47983	347	130	1294949	0	0.5	0	40.27913	-86.7673
47987	4049	1783	3.2E+08	105159	123.576	0.041	40.12575	-87.233
47989	1281	572	1.09E+08	1378299	42.05	0.532	39.89035	-87.049
47990	1627	715	1.12E+08	0	43.062	0	40.06184	-87.0543
47991	1070	474	77740344	71843	30.016	0.028	40.28444	-87.4631
47992	1465	574	94390220	681886	36.444	0.263	40.31937	-87.049
47993	3918	1674	3.67E+08	1571901	141.682	0.607	40.30828	-87.4094
47994	476	213	38011748	0	14.676	0	40.16925	-87.0621
47995	1743	712	2.13E+08	108912	82.368	0.042	40.76119	-87.0301
47997	139	54	315328	0	0.122	0	40.6677	-86.7236
48001	11986	6130	49229944	12016509	19.008	4.64	42.63933	-82.5817
48002	3285	1225	96152532	18977	37.125	0.007	42.93638	-82.9171
48003	6070	2372	85084237	601582	32.851	0.232	42.92999	-83.0396
48005	5379	1994	94471583	156724	36.476	0.061	42.85074	-82.9238
48006	4007	1577	1.85E+08	967847	71.445	0.374	43.08302	-82.691
48009	20107	9981	13084514	31709	5.052	0.012	42.54405	-83.2177
48014	4256	1702	94767076	536632	36.59	0.207	43.02572	-82.9316
48015	8257	3920	4424023	0	1.708	0	42.4805	-83.0271
48017	11805	5754	5683647	0	2.194	0	42.5367	-83.1504
48021	32353	13753	13253190	5331	5.117	0.002	42.46608	-82.9463
48022	2654	980	91517376	55958	35.335	0.022	43.0234	-82.8024
48023	5178	2269	44113316	284453	17.032	0.11	42.70102	-82.6577
48025	14543	5947	20795336	40066	8.029	0.015	42.52036	-83.2648
48026	14480	6448	10725535	40959	4.141	0.016	42.53763	-82.9467
48027	3249	1249	96795690	167362	37.373	0.065	42.94429	-82.694
48028	1190	1541	45944318	41305467	17.739	15.948	42.58021	-82.6166
48030	16422	7611	7297399	0	2.818	0	42.46192	-83.0977
48032	2322	880	96633255	822466	37.31	0.318	43.1332	-82.597
48033	16064	8576	23215673	14814	8.964	0.006	42.45932	-83.2932
48034	12590	8222	11188519	0	4.32	0	42.49695	-83.2911
48035	34788	15399	22772757	100522	8.793	0.039	42.5566	-82.9076

48036	20980	9942	21551261	564901	8.321	0.218	42.59705	-82.9131
48038	41057	19960	28395064	40058	10.963	0.015	42.60616	-82.9376
48039	7807	3541	59591930	4846006	23.009	1.871	42.69291	-82.5465
48040	9956	4513	17895611	2558369	6.91	0.988	42.91031	-82.4806
48041	4561	1791	1.04E+08	326839	40	0.126	42.93783	-82.8063
48042	27291	9515	58854197	113652	22.724	0.044	42.68366	-82.908
48043	16305	7575	10615453	340371	4.099	0.131	42.59806	-82.8815
48044	52289	18070	34968458	194242	13.501	0.075	42.65023	-82.9289
48045	24604	12610	37852081	23892437	14.615	9.225	42.58641	-82.8181
48047	39415	16310	46696164	13420267	18.029	5.182	42.67424	-82.7738
48048	7548	2857	49265723	402169	19.022	0.155	42.74575	-82.7959
48049	5582	2185	92633721	853777	35.766	0.33	43.04158	-82.5702
48050	1653	658	48119193	169262	18.579	0.065	42.78754	-82.7995
48051	17319	6187	39007428	144086	15.061	0.056	42.69364	-82.821
48054	7339	3095	1.05E+08	4100434	40.614	1.583	42.77036	-82.529
48059	15123	7135	81793580	18685946	31.581	7.215	43.08762	-82.4948
48060	40831	18219	53993557	8039669	20.847	3.104	42.98039	-82.461
48062	9373	3733	1.02E+08	236937	39.48	0.091	42.8525	-82.7965
48063	4070	1541	95186705	770265	36.752	0.297	42.85933	-82.6831
48064	4107	1595	95874688	414793	37.017	0.16	42.76462	-82.6668
48065	10547	4138	96830565	1100722	37.386	0.425	42.8452	-83.0393
48066	47388	21303	25516402	74007	9.852	0.029	42.50759	-82.9366
48067	24458	13014	11888903	2761	4.59	0.001	42.49056	-83.1375
48069	2526	1153	1396492	0	0.539	0	42.47133	-83.1443
48070	6238	2429	3847786	9241	1.486	0.004	42.4819	-83.1681
48071	29694	13685	18374593	0	7.094	0	42.50727	-83.1034
48072	14970	6932	6220197	0	2.402	0	42.4979	-83.1859
48073	32798	17231	19104791	0	7.376	0	42.51921	-83.1644
48074	9356	3840	96025642	797498	37.076	0.308	42.95022	-82.5616
48075	21790	10162	19155677	0	7.396	0	42.46206	-83.2304
48076	25386	10730	18438102	0	7.119	0	42.49752	-83.2309
48079	12304	5264	1.08E+08	3689925	41.7	1.425	42.85885	-82.5484
48080	22494	11424	11325638	1885265	4.373	0.728	42.46442	-82.8962
48081	20635	9463	10178038	3460922	3.93	1.336	42.49467	-82.895
48082	16549	7568	8542622	1957359	3.298	0.756	42.52802	-82.8872
48083	22507	9682	22379873	0	8.641	0	42.55702	-83.1169
48084	14231	7017	16008059	0	6.181	0	42.56063	-83.1757
48085	24660	8768	24113159	403419	9.31	0.156	42.60403	-83.1221
48088	22255	9569	11490620	0	4.437	0	42.51565	-82.983
48089	31978	13485	20623879	4901	7.963	0.002	42.4681	-82.9939
48091	31106	13354	20698268	0	7.992	0	42.46817	-83.058
48092	25680	10820	21213730	94029	8.191	0.036	42.51359	-83.0589
48093	23037	10710	14641248	99514	5.653	0.038	42.51589	-83.0165
48094	18028	7012	45382986	2377070	17.522	0.918	42.7368	-83.0375
48095	4906	1876	43806880	922896	16.914	0.356	42.77874	-83.0481
48096	3739	1482	94741211	296426	36.58	0.114	42.76215	-82.9205
48097	5499	2190	1.97E+08	1443873	76.252	0.557	43.12195	-82.8274

48098	19582	7440	24324089	30981	9.392	0.012	42.59843	-83.1785
48101	28200	12202	18182907	122205	7.02	0.047	42.25947	-83.2104
48103	53057	24430	1.69E+08	1197790	65.083	0.462	42.26136	-83.8464
48104	38315	16456	20140444	640396	7.776	0.247	42.26389	-83.7156
48105	33905	15614	1.29E+08	2078331	49.889	0.802	42.3277	-83.6958
48108	26164	11517	43961252	100416	16.974	0.039	42.22169	-83.7323
48109	6904	8	2529757	0	0.977	0	42.28919	-83.7088
48111	42313	19287	1.75E+08	5993611	67.457	2.314	42.17731	-83.4884
48114	19702	7758	85529605	4489386	33.023	1.733	42.57045	-83.7476
48116	26432	11400	94856643	9125550	36.624	3.523	42.50574	-83.7829
48117	10124	4104	1.42E+08	851026	54.863	0.329	42.05026	-83.4102
48118	12552	5465	2.27E+08	10806541	87.743	4.172	42.31224	-84.034
48120	8274	2914	8253572	149422	3.187	0.058	42.30633	-83.1762
48122	10727	4924	7055271	98887	2.724	0.038	42.27854	-83.1826
48124	31732	14667	22934067	115622	8.855	0.045	42.29804	-83.2476
48125	21273	9141	10489268	956	4.05	0	42.27733	-83.2648
48126	47465	15840	25386287	240192	9.802	0.093	42.32579	-83.1832
48127	36501	14927	19924557	22246	7.693	0.009	42.33579	-83.2833
48128	10682	4450	6123655	134025	2.364	0.052	42.32041	-83.26
48130	14420	5538	1.61E+08	2628025	62.213	1.015	42.36414	-83.9094
48131	6764	2846	1.3E+08	1133879	50.067	0.438	41.96592	-83.6714
48133	5753	2506	69548571	15649666	26.853	6.042	41.78238	-83.486
48134	21408	8416	46410603	1160454	17.919	0.448	42.10656	-83.2962
48135	27665	11596	15198077	0	5.868	0	42.32438	-83.3412
48137	4796	2190	1.1E+08	6311952	42.436	2.437	42.46219	-84.075
48138	10371	4465	23824274	3950375	9.199	1.525	42.13398	-83.1539
48139	206	100	1784366	0	0.689	0	42.45245	-83.8061
48140	3095	1168	68941164	274086	26.618	0.106	41.88218	-83.5805
48141	25366	11645	16194528	1610	6.253	0.001	42.29405	-83.3199
48143	32	17	19271	0	0.007	0	42.45998	-83.852
48144	9952	3914	19670540	45752	7.595	0.018	41.75244	-83.6287
48145	3503	1429	43476238	731452	16.786	0.282	41.84425	-83.46
48146	38098	16502	15202542	1439	5.87	0.001	42.24329	-83.1813
48150	27127	11403	31043463	406031	11.986	0.157	42.3716	-83.3768
48152	31173	13527	31368242	33600	12.111	0.013	42.42494	-83.3743
48154	38642	15471	30085171	7419	11.616	0.003	42.39718	-83.3723
48157	1436	702	2488137	0	0.961	0	41.81462	-83.4382
48158	7309	3205	2.43E+08	3966630	93.887	1.532	42.15583	-84.0294
48159	2582	995	79099579	58080	30.541	0.022	42.01916	-83.548
48160	13785	5004	2.09E+08	959928	80.507	0.371	42.07816	-83.675
48161	26470	11352	1.16E+08	4892986	44.758	1.889	41.9072	-83.4725
48162	29344	12591	1.48E+08	3763496	57.207	1.453	41.96043	-83.4293
48164	9175	3528	76119149	380809	29.39	0.147	42.12457	-83.3869
48165	6339	2698	24100791	601254	9.305	0.232	42.50157	-83.6169
48166	11569	4666	68809558	3213876	26.568	1.241	41.98281	-83.2947
48167	21534	10059	46056638	521639	17.783	0.201	42.43232	-83.5247
48168	21781	8502	52837702	610512	20.401	0.236	42.40526	-83.5405

48169	20813	8926	1.49E+08	13688219	57.671	5.285	42.46245	-83.9477
48170	39963	17902	88448610	539814	34.15	0.208	42.36769	-83.5343
48173	12700	5311	30022088	5808529	11.592	2.243	42.07368	-83.2128
48174	31515	13063	1.07E+08	588742	41.189	0.227	42.2343	-83.3943
48176	21447	8322	1.93E+08	1055985	74.345	0.408	42.13684	-83.8293
48177	218	88	1609885	0	0.622	0	41.80396	-83.5809
48178	29320	11837	1.31E+08	4856212	50.656	1.875	42.44377	-83.6569
48179	3274	1349	52773357	11554293	20.376	4.461	42.03509	-83.2555
48180	63131	26422	61116827	95634	23.597	0.037	42.22526	-83.2683
48182	21708	8725	1.03E+08	461038	39.647	0.178	41.78986	-83.5838
48183	43182	18812	48139682	2168611	18.587	0.837	42.13146	-83.2178
48184	17643	7846	18208616	3148	7.03	0.001	42.27448	-83.3956
48185	47618	23922	31512594	23686	12.167	0.009	42.3339	-83.3842
48186	36506	15301	21391213	15889	8.259	0.006	42.29376	-83.3707
48187	49148	19185	46813620	32123	18.075	0.012	42.32557	-83.4836
48188	41025	15644	46715127	44071	18.037	0.017	42.28369	-83.4827
48189	13632	6005	88922681	5785416	34.333	2.234	42.41234	-83.7829
48190	107	49	914769	0	0.353	0	42.13154	-83.5938
48191	4054	1603	42127166	166737	16.265	0.064	42.12163	-83.5706
48192	25883	12081	13720595	377603	5.298	0.146	42.20846	-83.1615
48193	15623	6775	18194681	658655	7.025	0.254	42.17328	-83.2098
48195	30047	13933	17672628	12035	6.823	0.005	42.20498	-83.2065
48197	61132	26652	1.09E+08	3206825	41.914	1.238	42.19403	-83.64
48198	38186	17593	86961286	2276217	33.576	0.879	42.27508	-83.5863
48201	12814	9470	5193540	0	2.005	0	42.34702	-83.0602
48202	16603	10329	8616314	0	3.327	0	42.37479	-83.0777
48203	28409	15544	20756114	18585	8.014	0.007	42.42074	-83.1043
48204	27997	15517	12980500	0	5.012	0	42.36581	-83.1429
48205	44045	18780	16531627	0	6.383	0	42.43316	-82.9811
48206	21954	13142	8095663	0	3.126	0	42.37512	-83.1079
48207	20252	12879	16061703	521193	6.201	0.201	42.34965	-83.019
48208	10234	5642	8190764	0	3.162	0	42.34849	-83.0919
48209	32262	12298	17501605	347455	6.757	0.134	42.30672	-83.1169
48210	31017	12306	13057914	0	5.042	0	42.33621	-83.1283
48211	7082	3201	10848548	0	4.189	0	42.38135	-83.0457
48212	39038	15301	13854094	26408	5.349	0.01	42.40972	-83.0564
48213	27712	13115	16923386	0	6.534	0	42.39793	-82.9952
48214	22759	13560	13014076	1565598	5.025	0.604	42.36512	-82.9876
48215	13565	7177	10395926	0	4.014	0	42.37505	-82.9543
48216	5645	2928	5747286	0	2.219	0	42.32648	-83.0787
48217	8210	3977	5921036	126346	2.286	0.049	42.27765	-83.1551
48218	7903	3731	6872362	287672	2.653	0.111	42.27271	-83.1267
48219	46931	22525	21773613	5168	8.407	0.002	42.42533	-83.2514
48220	22319	11588	11479188	0	4.432	0	42.45807	-83.1352
48221	38727	17406	14119737	2042	5.452	0.001	42.427	-83.1486
48223	25336	12513	15679754	0	6.054	0	42.39345	-83.2463
48224	44439	19244	14852847	0	5.735	0	42.41069	-82.9413

48225	14554	6669	6854875	0	2.647	0	42.43898	-82.9296
48226	5302	4506	3197600	0	1.235	0	42.33154	-83.0503
48227	45380	21358	19504196	0	7.531	0	42.38725	-83.1926
48228	52130	24168	22299441	0	8.61	0	42.35546	-83.217
48229	9556	4570	7303781	4867	2.82	0.002	42.25056	-83.1429
48230	16976	7443	8360759	3001154	3.228	1.159	42.3824	-82.9218
48233	0	0	48551	0	0.019	0	42.3237	-83.0617
48234	36140	16255	20288109	0	7.833	0	42.4312	-83.0395
48235	45063	20150	16189821	0	6.251	0	42.42706	-83.1948
48236	30607	13059	19463663	3357791	7.515	1.296	42.42537	-82.8932
48237	29319	12782	13341572	0	5.151	0	42.46497	-83.1824
48238	31743	17499	13974835	0	5.396	0	42.39629	-83.1414
48239	35524	15225	25193320	93427	9.727	0.036	42.37605	-83.2832
48240	17722	7574	9695508	0	3.743	0	42.42446	-83.3013
48242	0	0	18054952	341236	6.971	0.132	42.22121	-83.3451
48243	0	0	42722	0	0.016	0	42.32998	-83.0395
48301	14127	5885	19082075	563499	7.368	0.218	42.5424	-83.2822
48302	15360	6770	28779375	3009391	11.112	1.162	42.58511	-83.2935
48304	16009	7018	29280740	240747	11.305	0.093	42.58887	-83.2332
48306	26691	9677	58870695	262841	22.73	0.101	42.72432	-83.1473
48307	41369	18704	39752809	131153	15.349	0.051	42.65932	-83.1227
48309	29135	11386	40034011	41084	15.457	0.016	42.65637	-83.1836
48310	42766	15512	21908557	69654	8.459	0.027	42.56344	-83.0684
48312	32720	14046	29136295	196890	11.25	0.076	42.55823	-83.0089
48313	33952	14193	23503570	406887	9.075	0.157	42.60065	-83.0029
48314	20245	8423	19963757	86817	7.708	0.034	42.61207	-83.0535
48315	26563	10429	33063561	425300	12.766	0.164	42.67155	-82.9966
48316	25404	10331	28762237	627097	11.105	0.242	42.69017	-83.0572
48317	26610	12010	31361812	1328385	12.109	0.513	42.64484	-83.052
48320	4589	2260	2832858	794949	1.094	0.307	42.61194	-83.3381
48322	31265	12819	30447134	172677	11.756	0.067	42.53817	-83.3817
48323	17708	6863	22625294	3528983	8.736	1.363	42.5708	-83.3779
48324	17350	6708	22267787	9211406	8.598	3.557	42.59416	-83.3925
48326	20298	10093	44779600	1578102	17.29	0.609	42.68825	-83.2441
48327	21559	9896	29357542	1254703	11.335	0.484	42.63693	-83.41
48328	24960	11807	23415085	6661279	9.041	2.572	42.64638	-83.3591
48329	25009	10331	26456696	5606231	10.215	2.165	42.68702	-83.3886
48331	21503	8792	24056347	30025	9.288	0.012	42.50248	-83.4089
48334	18540	8552	23280642	33221	8.989	0.013	42.5047	-83.3492
48335	22398	11309	19519357	9310	7.536	0.004	42.46289	-83.4052
48336	25486	11683	23545178	0	9.091	0	42.46314	-83.3473
48340	24307	10981	19451041	223003	7.51	0.086	42.67215	-83.2879
48341	17139	7857	16553506	622686	6.391	0.24	42.62799	-83.2968
48342	18407	8407	14852162	135050	5.734	0.052	42.64226	-83.2734
48346	22567	9582	46526882	2248921	17.964	0.868	42.7177	-83.4289
48348	23387	8551	85808148	2392869	33.131	0.924	42.77013	-83.4039
48350	7100	2727	61607645	2335994	23.787	0.902	42.73942	-83.531

48353	6481	2553	34675444	1708299	13.388	0.66	42.64687	-83.7159
48356	8407	3434	36733900	3600344	14.183	1.39	42.65441	-83.5929
48357	8170	3279	30436623	1531824	11.752	0.591	42.65853	-83.6464
48359	8044	3291	27891596	772580	10.769	0.298	42.72074	-83.2755
48360	11651	4393	30939560	2059458	11.946	0.795	42.74757	-83.2601
48362	15141	6177	25688754	3921695	9.918	1.514	42.78448	-83.2703
48363	4978	1916	52310794	851170	20.197	0.329	42.77248	-83.1625
48367	4727	1942	60738183	2515683	23.451	0.971	42.83623	-83.1369
48370	1685	630	30968042	318137	11.957	0.123	42.84288	-83.2004
48371	23155	8824	1.11E+08	4157391	42.724	1.605	42.84097	-83.2915
48374	14049	4704	23521854	295905	9.082	0.114	42.47323	-83.5229
48375	21801	9422	22224685	79905	8.581	0.031	42.46414	-83.464
48377	15244	8161	24977248	2201392	9.644	0.85	42.50493	-83.4742
48380	7404	2676	65730039	4189694	25.379	1.618	42.583	-83.6668
48381	12605	5369	51852337	1968626	20.02	0.76	42.55841	-83.5918
48382	21945	8075	42605404	4905944	16.45	1.894	42.59256	-83.5072
48383	12701	4827	38623150	2452196	14.912	0.947	42.65561	-83.5258
48386	17434	7423	43311680	6263206	16.723	2.418	42.66032	-83.4803
48390	22898	10464	32461268	2524821	12.533	0.975	42.55071	-83.4742
48393	16111	7640	34281698	636214	13.236	0.246	42.52184	-83.5451
48397	0	0	462102	0	0.178	0	42.49502	-83.041
48401	1439	794	85733536	167082	33.102	0.065	43.34734	-82.6706
48411	156	73	1569139	207029	0.606	0.08	42.93198	-83.5289
48412	5682	2421	1.29E+08	3084625	49.857	1.191	43.07043	-83.1755
48413	7551	3445	3.56E+08	1681314	137.533	0.649	43.79862	-82.9939
48414	2492	1047	83344446	2721434	32.179	1.051	42.86169	-84.0798
48415	9471	3903	1.69E+08	370101	65.333	0.143	43.27188	-83.8081
48416	5002	2067	2.9E+08	2098835	112.07	0.81	43.21687	-82.9851
48417	2983	1170	63850523	387358	24.653	0.15	43.26128	-83.9392
48418	4312	1705	1E+08	2067711	38.715	0.798	42.7943	-83.9699
48419	2740	1528	2E+08	2575381	77.347	0.994	43.43567	-82.6605
48420	22078	9284	1.67E+08	581251	64.563	0.224	43.1791	-83.7005
48421	6647	2910	1.05E+08	8249774	40.568	3.185	43.1555	-83.3932
48422	6400	2815	2.48E+08	970502	95.935	0.375	43.26147	-82.6537
48423	32708	14465	1.7E+08	3664014	65.592	1.415	43.03871	-83.511
48426	1022	462	1.01E+08	246908	39.179	0.095	43.51073	-83.0581
48427	2879	1678	2.5E+08	4036456	96.483	1.558	43.53564	-82.7255
48428	5027	1972	87235235	3819447	33.682	1.475	42.9382	-83.1545
48429	8944	4283	1.41E+08	1696196	54.259	0.655	42.9059	-84.0038
48430	36738	15812	2.15E+08	15437309	82.958	5.96	42.75822	-83.7437
48432	636	312	86470726	786531	33.387	0.304	43.8987	-82.9721
48433	26497	11214	1.44E+08	1589569	55.517	0.614	43.07535	-83.8672
48434	104	150	1414682	0	0.546	0	43.66189	-82.6118
48435	2083	827	64858624	289535	25.042	0.112	43.24538	-83.3593
48436	3764	1438	82559140	213645	31.876	0.082	42.86532	-83.8768
48437	581	293	1528712	388611	0.59	0.15	43.11575	-83.6124
48438	6951	2514	79245942	6149951	30.597	2.375	42.91366	-83.4842

48439	49209	20906	1.37E+08	1237254	52.908	0.478	42.91667	-83.6296
48440	157	72	1852053	0	0.715	0	42.95109	-83.4123
48441	4085	2447	2.63E+08	30701671	101.381	11.854	43.79789	-82.7086
48442	20669	8700	2.21E+08	9626182	85.37	3.717	42.78868	-83.6061
48444	9327	3805	2.09E+08	1297824	80.746	0.501	43.05849	-83.0452
48445	1370	693	1.46E+08	797121	56.2	0.308	43.95022	-82.9906
48446	30749	12844	3.1E+08	15749934	119.565	6.081	43.05374	-83.3387
48449	3147	1316	66269922	136328	25.587	0.053	42.99145	-83.9448
48450	4780	4194	57618695	6069222	22.247	2.343	43.25866	-82.5424
48451	14767	5950	87484496	6247344	33.778	2.412	42.80122	-83.8192
48453	5146	2207	2.77E+08	538400	107.062	0.208	43.34814	-83.0326
48454	1324	551	78076172	24995	30.145	0.01	43.19501	-82.8127
48455	7974	3331	1.68E+08	6462239	64.99	2.495	42.93795	-83.2908
48456	858	438	1.2E+08	49700	46.419	0.019	43.66697	-82.7622
48457	8436	3304	1.14E+08	2255746	43.894	0.871	43.1868	-83.8952
48458	20538	9586	90862506	386262	35.082	0.149	43.12527	-83.6815
48460	2330	972	87285213	1105072	33.701	0.427	43.13061	-83.985
48461	8428	3197	2.17E+08	1678337	83.628	0.648	43.19366	-83.2062
48462	13266	4977	1.23E+08	3336299	47.609	1.288	42.84851	-83.4217
48463	4627	1924	90517023	1605482	34.949	0.62	43.1658	-83.5193
48464	2231	1013	47959864	1968279	18.517	0.76	43.22034	-83.4225
48465	629	471	1.06E+08	1389577	41.057	0.537	43.608	-82.7078
48466	1578	692	95267415	10409	36.783	0.004	43.28051	-82.8089
48467	2337	2922	1.64E+08	21875102	63.478	8.446	44.01536	-82.9824
48468	1294	1190	1.65E+08	23777586	63.69	9.181	43.93841	-82.7752
48469	1245	1035	20426607	2975108	7.887	1.149	43.44147	-82.5582
48470	784	356	1.04E+08	42425	40.007	0.016	43.73513	-82.7511
48471	5745	2608	2.61E+08	108449	100.872	0.042	43.41942	-82.8521
48472	1912	861	1.98E+08	94555	76.336	0.037	43.51232	-82.9632
48473	22507	9412	1.53E+08	312769	58.979	0.121	42.93695	-83.8205
48475	2766	1254	2.79E+08	119079	107.66	0.046	43.67316	-82.948
48476	577	233	685245	22377	0.265	0.009	42.93871	-84.0301
48502	1164	440	1027682	7539	0.397	0.003	43.01373	-83.6884
48503	25168	13290	21245190	331612	8.203	0.128	42.99992	-83.7089
48504	30926	14500	40091396	123095	15.479	0.048	43.05479	-83.7438
48505	25710	12943	32525429	918051	12.558	0.354	43.07066	-83.6862
48506	30019	13604	49059119	2125041	18.942	0.82	43.06747	-83.6244
48507	30607	15087	53948563	551209	20.83	0.213	42.96697	-83.7174
48509	9470	4059	22947545	118235	8.86	0.046	43.02421	-83.6066
48519	7465	3406	20000243	24138	7.722	0.009	42.98189	-83.605
48529	10271	4588	12790887	34971	4.939	0.014	42.97034	-83.6586
48532	19375	9221	39639656	233885	15.305	0.09	43.01106	-83.7949
48551	0	0	964147	0	0.372	0	42.98099	-83.7169
48553	0	0	533497	0	0.206	0	42.97776	-83.7236
48554	0	0	471419	0	0.182	0	42.97588	-83.7907
48601	38406	17166	2.72E+08	12320497	104.961	4.757	43.40595	-83.894
48602	30119	13626	20281260	772240	7.831	0.298	43.42003	-83.9745

48603	26913	12637	47419679	557377	18.309	0.215	43.45879	-84.0295
48604	13074	4566	64547958	3277372	24.922	1.265	43.49976	-83.9691
48607	1774	1100	2311674	137198	0.893	0.053	43.43181	-83.934
48609	12461	5411	1.15E+08	8796626	44.568	3.396	43.38886	-84.087
48610	3083	2681	3.04E+08	3862016	117.476	1.491	44.14169	-84.1922
48611	6554	2689	99423068	257501	38.387	0.099	43.63415	-84.0972
48612	9259	5789	3.13E+08	11994562	120.863	4.631	43.88302	-84.4394
48613	1158	495	1.57E+08	1836756	60.666	0.709	43.9478	-84.1752
48614	1376	555	91855122	573068	35.465	0.221	43.25099	-84.298
48615	3058	1320	1.49E+08	455418	57.611	0.176	43.42981	-84.4748
48616	7513	3192	2.08E+08	1262303	80.47	0.487	43.19107	-84.1135
48617	8857	3976	3.59E+08	3010124	138.58	1.162	43.85131	-84.7173
48618	5393	2453	2.69E+08	1925295	103.846	0.743	43.73678	-84.5567
48619	465	551	2.04E+08	2194460	78.912	0.847	44.81974	-84.0206
48621	1359	927	1.45E+08	3130237	55.96	1.209	44.7369	-84.0124
48622	6491	3535	2.46E+08	3013823	95.129	1.164	43.84084	-84.8813
48623	13993	4922	1.91E+08	2524950	73.617	0.975	43.52008	-84.1328
48624	15810	11336	8.78E+08	19595279	339.15	7.566	44.06109	-84.4574
48625	13152	11655	6.23E+08	9539219	240.387	3.683	44.05277	-84.8396
48626	6078	2471	1.65E+08	1345311	63.64	0.519	43.42137	-84.2214
48627	141	389	562697	0	0.217	0	44.46192	-84.7502
48628	1938	1145	85795029	1877410	33.126	0.725	43.78412	-84.3284
48629	7854	7346	2.08E+08	8178814	80.141	3.158	44.31224	-84.7847
48630	69	61	247248	0	0.095	0	44.32479	-84.7725
48631	4643	1913	85786814	3140993	33.122	1.213	43.68865	-83.9959
48632	5125	4661	3.29E+08	12011278	126.838	4.638	43.85839	-85.0205
48633	210	411	6672133	765424	2.576	0.296	43.93698	-84.9311
48634	4371	1932	1.2E+08	6310124	46.521	2.436	43.74764	-84.0562
48635	1573	1880	1.5E+08	7236009	57.865	2.794	44.38717	-83.9944
48636	864	1298	2.27E+08	538651	87.809	0.208	44.5989	-84.2956
48637	3359	1375	1.89E+08	134390	72.795	0.052	43.41369	-84.3356
48638	12922	6281	17110560	421426	6.606	0.163	43.41893	-84.0182
48640	32690	13933	2.62E+08	9645711	100.968	3.724	43.58217	-84.3372
48642	32277	13560	2.96E+08	1576026	114.3	0.609	43.71275	-84.237
48647	4420	3741	3.66E+08	4640581	141.384	1.792	44.65812	-84.1131
48649	1576	662	67138831	414083	25.922	0.16	43.15046	-84.2174
48650	7253	3259	2.54E+08	29185489	98.038	11.269	43.8475	-83.9978
48651	4690	4275	1.72E+08	9250950	66.513	3.572	44.25478	-84.6148
48652	1548	682	1.39E+08	3077698	53.507	1.188	43.8602	-84.1969
48653	10293	10380	6.52E+08	50312623	251.6	19.426	44.49094	-84.5995
48654	2521	2001	2.46E+08	2031497	94.865	0.784	44.45742	-84.1373
48655	6460	2702	2.45E+08	4118369	94.564	1.59	43.2945	-84.1597
48656	4058	4171	3.44E+08	13004525	132.859	5.021	44.34167	-84.451
48657	7981	3673	1.6E+08	13330968	61.752	5.147	43.70613	-84.4162
48658	5138	2516	2.11E+08	15597840	81.454	6.022	43.97534	-83.9368
48659	2850	1339	2.06E+08	786797	79.7	0.304	44.06555	-84.0508
48661	10691	6608	6.88E+08	8210618	265.707	3.17	44.31841	-84.2362

48662	1594	654	1.21E+08	169388	46.538	0.065	43.40994	-84.4168
48667	0	0	853028	32489	0.329	0.013	43.60209	-84.2333
48701	1368	635	1.1E+08	12883020	42.376	4.974	43.58688	-83.5578
48703	3238	2787	1.13E+08	11234355	43.647	4.338	44.06364	-83.6759
48705	535	754	2.29E+08	1291636	88.389	0.499	44.69606	-83.6563
48706	40596	18425	1.73E+08	18656399	66.988	7.203	43.59962	-83.9505
48708	27262	12357	72168561	2182888	27.864	0.843	43.55706	-83.8497
48710	0	0	1076945	0	0.416	0	43.55651	-83.9877
48720	1042	609	82918318	8030086	32.015	3.1	43.8386	-83.3392
48721	411	393	71125962	5372889	27.462	2.074	44.80811	-83.3395
48722	3123	1368	44065053	765457	17.014	0.296	43.34672	-83.8448
48723	12479	5409	3.34E+08	9416485	129.118	3.636	43.48529	-83.3887
48724	359	157	893685	273998	0.345	0.106	43.45682	-83.9282
48725	2464	2932	91889368	14779516	35.479	5.706	43.94396	-83.2096
48726	6172	2772	3.27E+08	3738024	126.212	1.443	43.60738	-83.168
48727	1269	527	62339589	1499790	24.069	0.579	43.31338	-83.1745
48728	290	669	3.33E+08	3197416	128.529	1.235	44.73296	-83.8193
48729	1586	709	1.12E+08	2536327	43.373	0.979	43.49594	-83.1738
48730	4716	3436	1.9E+08	18564632	73.277	7.168	44.34349	-83.4557
48731	1683	774	1.26E+08	232824	48.61	0.09	43.84363	-83.1511
48732	11483	5304	63681019	16577613	24.587	6.401	43.61233	-83.7898
48733	1758	835	1.27E+08	2586167	49.12	0.999	43.5341	-83.5931
48734	7444	3352	1.06E+08	590692	40.821	0.228	43.35756	-83.7485
48735	1051	464	96601394	494162	37.298	0.191	43.66759	-83.2709
48737	1245	1596	2.65E+08	9475178	102.258	3.658	44.54569	-83.6852
48738	1269	1534	28160685	7208618	10.873	2.783	44.55555	-83.3296
48739	4043	4346	2.41E+08	13199407	93.172	5.096	44.37091	-83.8416
48740	2556	1811	1.75E+08	26991469	67.581	10.421	44.66389	-83.372
48741	2086	898	1.19E+08	2368381	45.85	0.914	43.40248	-83.1799
48742	1647	1453	1.94E+08	2149826	74.821	0.83	44.74272	-83.4357
48743	63	42	5287430	86589	2.041	0.033	44.44112	-83.8632
48744	4615	2112	1.68E+08	3410821	64.728	1.317	43.34804	-83.3593
48745	1346	882	1.94E+08	123194	74.899	0.048	44.56642	-83.4752
48746	8528	3487	2.11E+08	1928612	81.308	0.745	43.25933	-83.5503
48747	1494	607	79701151	44179	30.773	0.017	43.51871	-83.7646
48748	1693	2016	1.2E+08	3299193	46.322	1.274	44.35292	-83.6129
48749	1094	656	89963529	1241124	34.735	0.479	44.05378	-83.9006
48750	8846	6867	2.48E+08	30402783	95.907	11.739	44.44565	-83.472
48754	1001	429	94706170	55400	36.566	0.021	43.73326	-83.231
48755	3110	2283	1.31E+08	20816167	50.474	8.037	43.7915	-83.2456
48756	4640	3380	2.02E+08	4735471	78.177	1.828	44.23358	-83.973
48757	3817	1703	1.43E+08	81277	55.088	0.031	43.46986	-83.6763
48759	3293	1742	1.29E+08	4368510	49.735	1.687	43.73048	-83.3859
48760	1351	674	70938035	1815910	27.389	0.701	43.32305	-83.255
48761	1026	1492	2.26E+08	2995440	87.375	1.157	44.51092	-83.8917
48762	1139	1063	1.17E+08	361561	45.027	0.14	44.82166	-83.4616
48763	5012	3152	2.42E+08	11410986	93.414	4.406	44.25509	-83.6149

48765	725	475	1.43E+08	2538124	55.333	0.98	44.15156	-83.718
48766	1270	677	1.35E+08	1146206	52.164	0.443	44.10572	-83.8394
48767	2162	1062	1.93E+08	26881213	74.445	10.379	43.65052	-83.4632
48768	9832	4151	2.71E+08	2019621	104.77	0.78	43.37083	-83.5775
48770	1891	1126	1.76E+08	149723	67.831	0.058	44.25118	-83.8142
48801	12923	5279	1.85E+08	1591069	71.448	0.614	43.37517	-84.678
48806	1676	685	1.68E+08	863506	64.679	0.333	43.18689	-84.5002
48807	916	394	72360757	62362	27.939	0.024	43.15048	-84.402
48808	5178	2293	63816793	6383247	24.64	2.465	42.82884	-84.4448
48809	11015	4646	2.12E+08	7733455	81.862	2.986	43.0753	-85.258
48811	5641	1323	1.63E+08	540880	62.834	0.209	43.18063	-84.8544
48813	21182	8791	4.4E+08	1332275	169.805	0.514	42.5797	-84.8458
48815	2259	983	71132423	658951	27.464	0.254	42.83437	-85.2586
48816	121	54	1196194	736	0.462	0	42.76501	-83.956
48817	6422	2724	1.53E+08	1071897	59.098	0.414	43.01395	-84.0429
48818	2407	1537	65435020	4792424	25.265	1.85	43.27145	-84.8882
48819	2701	1019	1.15E+08	181308	44.452	0.07	42.5474	-84.281
48820	16641	6496	1.7E+08	1438390	65.682	0.555	42.86391	-84.5923
48821	5836	2601	54903161	1040188	21.198	0.402	42.64117	-84.6474
48822	2714	1098	83805179	738052	32.357	0.285	42.83543	-84.763
48823	51302	22908	58085338	560032	22.427	0.216	42.76389	-84.4588
48825	12596	2	3213319	70516	1.241	0.027	42.72761	-84.4814
48827	15971	6509	2.89E+08	2073885	111.667	0.801	42.50935	-84.6602
48829	3254	1501	1.7E+08	499401	65.529	0.193	43.39821	-85.0154
48831	3512	1419	1.89E+08	633767	72.789	0.245	43.09622	-84.3725
48832	1393	617	67139628	427449	25.923	0.165	43.41188	-84.7766
48834	2090	938	1.2E+08	2239061	46.257	0.865	43.13259	-85.0321
48835	2680	996	1.45E+08	1097969	55.986	0.424	43.0249	-84.7491
48836	13510	5234	2.41E+08	875523	92.994	0.338	42.66932	-84.0766
48837	18926	8050	2.06E+08	1929149	79.487	0.745	42.74673	-84.7706
48838	17863	7750	2.39E+08	10024343	92.405	3.87	43.18336	-85.2567
48840	12501	6214	50126856	3298558	19.354	1.274	42.76314	-84.3794
48841	826	334	61375151	686062	23.697	0.265	43.11226	-84.2395
48842	20432	8695	46603969	607760	17.994	0.235	42.63352	-84.5381
48843	42931	17195	2.33E+08	7267068	90.004	2.806	42.57548	-83.9234
48845	1003	409	63562445	643448	24.542	0.248	43.10244	-84.8459
48846	20269	6661	2.81E+08	1997171	108.408	0.771	42.98613	-85.0579
48847	6041	2637	3.17E+08	598911	122.527	0.231	43.27323	-84.5756
48848	7789	3076	1.71E+08	12814941	65.921	4.948	42.8877	-84.3537
48849	5717	2543	2.15E+08	2731379	82.9	1.055	42.80631	-85.1245
48850	4474	2203	2.09E+08	3335345	80.758	1.288	43.43527	-85.2458
48851	2365	948	80779977	4348521	31.189	1.679	42.95106	-84.9364
48852	150	71	1089127	0	0.421	0	43.3517	-85.046
48853	671	273	2417652	50274	0.933	0.019	43.09992	-84.6853
48854	18598	7640	2.89E+08	757869	111.555	0.293	42.5817	-84.4516
48855	14752	5681	2.36E+08	4027545	90.942	1.555	42.68128	-83.8972
48856	966	392	71236410	16236	27.505	0.006	43.19721	-84.7335

48857	2453	981	59375329	1542394	22.925	0.596	42.84095	-84.1556
48858	50025	19032	4.48E+08	2815508	172.881	1.087	43.61603	-84.7955
48860	1334	586	76654058	359582	29.596	0.139	43.05081	-84.909
48861	1522	610	60731344	195280	23.449	0.075	42.73251	-84.925
48864	20148	8777	55845137	460332	21.562	0.178	42.70417	-84.3921
48865	1903	886	57895916	1262703	22.354	0.488	43.08668	-85.104
48866	4851	1912	1.26E+08	621632	48.664	0.24	42.99758	-84.3761
48867	28264	12416	3.56E+08	5703187	137.644	2.202	43.00272	-84.189
48870	148	52	153209	0	0.059	0	43.11041	-84.9848
48871	1952	838	78426581	1959750	30.281	0.757	43.15665	-84.6738
48872	7840	3070	1.46E+08	4248526	56.308	1.64	42.79865	-84.2231
48873	1615	610	86719295	515815	33.483	0.199	42.99686	-84.8441
48874	180	65	1491556	0	0.576	0	43.18645	-84.5949
48875	10186	4165	2.23E+08	3640467	86.202	1.406	42.86081	-84.9414
48876	4014	1674	35842382	498233	13.839	0.192	42.64425	-84.7313
48877	2392	1029	87266812	1059665	33.694	0.409	43.40373	-84.8408
48878	1677	698	83151927	126025	32.105	0.049	43.7061	-84.7799
48879	18075	7299	4.9E+08	2065897	189.065	0.798	43.00302	-84.5787
48880	10669	2948	1.94E+08	1448246	75.037	0.559	43.45886	-84.5784
48881	5501	2321	1.44E+08	1743006	55.734	0.673	42.93312	-85.2016
48883	7122	2996	3.05E+08	2476761	117.654	0.956	43.54373	-84.6739
48884	4427	1938	1.58E+08	2391926	60.851	0.924	43.20984	-85.0492
48885	927	383	43996767	757477	16.987	0.292	43.24291	-85.1479
48886	2116	1259	77172486	2983447	29.796	1.152	43.41572	-85.1597
48888	6366	3132	2.29E+08	4646211	88.519	1.794	43.31482	-85.1061
48889	1322	581	76615155	700532	29.581	0.27	43.28445	-84.8065
48890	2152	867	80557027	588072	31.103	0.227	42.76694	-84.9663
48891	2985	1355	1.11E+08	1240075	42.785	0.479	43.39535	-84.9115
48892	4382	1755	1.41E+08	346606	54.292	0.134	42.63274	-84.1669
48893	5212	2671	1.33E+08	5788192	51.318	2.235	43.68554	-84.9751
48894	2059	724	74559663	96692	28.788	0.037	42.92148	-84.7858
48895	11189	4659	2.15E+08	1157918	83.045	0.447	42.68892	-84.2798
48896	154	70	705778	0	0.273	0	43.52128	-84.901
48897	1525	627	84051294	439356	32.452	0.17	42.7039	-85.1303
48906	26634	11851	85874213	1073643	33.156	0.415	42.79175	-84.585
48910	34560	17159	39381753	900400	15.205	0.348	42.69918	-84.52
48911	40111	17617	41156696	662616	15.891	0.256	42.67301	-84.5714
48912	17035	8528	12433396	167963	4.801	0.065	42.73845	-84.524
48915	9218	4239	4699574	150811	1.815	0.058	42.73795	-84.5709
48917	32062	15650	62979814	1359843	24.317	0.525	42.72524	-84.6395
48921	0	0	922942	96582	0.356	0.037	42.72135	-84.5608
48933	2530	1962	1953348	78151	0.754	0.03	42.732	-84.5547
49001	22095	10001	19959470	178961	7.706	0.069	42.26454	-85.5615
49002	18786	8724	45743298	7198077	17.662	2.779	42.19531	-85.563
49004	15645	6782	54605197	364470	21.083	0.141	42.35358	-85.5639
49006	26455	10941	16896869	4046	6.524	0.002	42.2925	-85.6315
49007	10762	5227	9334595	48904	3.604	0.019	42.30259	-85.5882

49008	16186	7529	16965681	515821	6.55	0.199	42.26384	-85.617
49009	42362	19007	2.66E+08	3166276	102.817	1.223	42.30375	-85.6979
49010	17374	7760	4.11E+08	17601216	158.794	6.796	42.53331	-85.8748
49011	2285	967	83714735	644201	32.322	0.249	42.10698	-85.2162
49012	3339	1525	80342684	2950908	31.02	1.139	42.36817	-85.3442
49013	5508	2503	1.53E+08	1919192	59.008	0.741	42.30552	-86.108
49014	22127	9578	1.96E+08	3364424	75.597	1.299	42.31456	-85.1062
49015	26782	12315	60914723	1668739	23.519	0.644	42.27078	-85.2287
49017	20785	9753	1.44E+08	5077111	55.467	1.96	42.40137	-85.2159
49021	6182	2624	2.38E+08	3774634	91.845	1.457	42.46043	-85.0547
49022	31814	14523	1.78E+08	7310229	68.78	2.822	42.11213	-86.359
49024	28552	12305	44431950	464433	17.155	0.179	42.20651	-85.618
49026	2186	1250	76520030	2165745	29.545	0.836	42.37686	-85.9634
49027	161	66	1105549	31409	0.427	0.012	42.35072	-86.0676
49028	6387	2841	3.08E+08	3533309	118.772	1.364	41.85147	-85.1902
49029	1606	686	87187414	457832	33.663	0.177	42.14241	-85.1003
49030	2523	1066	1.23E+08	1782076	47.374	0.688	41.86217	-85.3364
49031	7884	4257	2.96E+08	12716986	114.396	4.91	41.9047	-85.9743
49032	3105	1159	95310654	1552535	36.8	0.599	41.91149	-85.5229
49033	1760	752	83599419	998721	32.278	0.386	42.2275	-85.0887
49034	2389	967	97999627	738222	37.838	0.285	42.23353	-85.3412
49036	24868	11666	4.08E+08	20318984	157.433	7.845	41.90999	-85.0134
49037	22576	10567	64216392	1251601	24.794	0.483	42.33003	-85.2445
49038	9310	5116	97692930	6357072	37.719	2.454	42.20282	-86.3209
49040	3388	1893	1.04E+08	6150677	40.118	2.375	41.96572	-85.3293
49042	4892	2077	1.41E+08	3722387	54.428	1.437	41.86036	-85.6729
49043	2462	1399	83867086	4947617	32.381	1.91	42.28599	-86.2685
49045	5598	2730	2.25E+08	6803253	86.707	2.627	42.1021	-85.9991
49046	7281	3771	2.05E+08	19195011	79.004	7.411	42.51309	-85.4006
49047	14805	8231	3.1E+08	10531011	119.507	4.066	42.00379	-86.121
49048	25432	11090	98181514	3491941	37.908	1.348	42.27375	-85.493
49050	1557	744	64443504	1906325	24.882	0.736	42.5043	-85.2457
49051	2436	982	76218838	551885	29.428	0.213	42.18444	-85.2421
49052	975	404	79871957	51048	30.839	0.02	42.10575	-85.3218
49053	7028	2775	62342614	4059906	24.071	1.568	42.28924	-85.4168
49055	6276	2965	1.52E+08	5457219	58.84	2.107	42.36847	-85.8578
49056	4016	2250	1.47E+08	4956971	56.612	1.914	42.39829	-86.0562
49057	6795	2723	1.33E+08	2700418	51.484	1.043	42.18195	-86.1629
49058	19127	8316	3.82E+08	9775322	147.36	3.774	42.63499	-85.2992
49060	1738	901	48961176	5762891	18.904	2.225	42.42354	-85.386
49061	1622	787	97032534	3500995	37.464	1.352	41.87354	-85.8152
49064	3717	1714	1.18E+08	3847011	45.442	1.485	42.22089	-86.0491
49065	6662	3000	1.12E+08	6197338	43.222	2.393	42.13827	-85.8421
49066	722	276	52323846	750700	20.202	0.29	42.03774	-85.3415
49067	4522	2131	2.15E+08	6700456	82.924	2.587	42.02417	-85.7988
49068	14646	6564	3.35E+08	7056356	129.453	2.724	42.27645	-84.9397
49070	2451	959	68377010	1540920	26.401	0.595	42.53933	-85.6294

49071	9174	3500	73786576	1682409	28.489	0.65	42.22644	-85.7755
49072	3164	1316	1.45E+08	4044123	56.14	1.561	42.01205	-85.4602
49073	4951	2132	1.81E+08	2287538	69.716	0.883	42.57493	-85.1262
49074	149	72	183834	0	0.071	0	42.31747	-85.5387
49075	121	69	138654	0	0.054	0	41.91751	-85.4486
49076	4589	1659	1.45E+08	1065752	55.812	0.411	42.42864	-84.8803
49078	8902	3752	1.24E+08	1830239	47.997	0.707	42.47251	-85.7328
49079	13606	6082	2.15E+08	5814951	83.039	2.245	42.24016	-85.9081
49080	15802	6588	2.02E+08	5891262	77.948	2.275	42.45643	-85.5883
49082	6579	3076	2.23E+08	4605825	85.953	1.778	41.94103	-84.8766
49083	6961	3105	87339702	5329236	33.722	2.058	42.37811	-85.4611
49084	36	17	48874	0	0.019	0	42.18255	-86.3821
49085	23804	11268	60949593	6735132	23.533	2.6	42.05428	-86.4626
49087	6126	2377	1.57E+08	4416475	60.666	1.705	42.12422	-85.7007
49088	3648	1469	83168246	2185316	32.111	0.844	42.17974	-85.4226
49089	1875	889	1E+08	1580629	38.643	0.61	42.00503	-85.2359
49090	13810	8579	2.04E+08	5909493	78.812	2.282	42.40743	-86.2145
49091	19872	8794	2.26E+08	13160478	87.106	5.081	41.82041	-85.4546
49092	2187	956	1.45E+08	1902505	55.848	0.735	42.09887	-84.9787
49093	18380	8858	2.74E+08	16801234	105.706	6.487	41.97288	-85.6499
49094	4104	1902	1.48E+08	4082175	57.096	1.576	42.0503	-85.1136
49095	1960	1351	72034225	4068633	27.813	1.571	41.90733	-85.8811
49096	3316	1356	1.72E+08	1520037	66.341	0.587	42.64518	-85.0212
49097	10326	4423	1.93E+08	7708481	74.414	2.976	42.12197	-85.4874
49098	5966	2978	84006413	3012341	32.435	1.163	42.16325	-86.2475
49099	5629	2693	1.53E+08	7127111	59.045	2.752	41.79326	-85.6718
49101	3104	1350	56498217	166867	21.814	0.064	41.9372	-86.4827
49102	1563	596	40069897	1677270	15.471	0.648	41.94923	-86.2521
49103	11082	4607	1.15E+08	5102697	44.489	1.97	41.9463	-86.3765
49104	868	0	412375	0	0.159	0	41.9637	-86.359
49106	4636	2342	40687452	4197307	15.71	1.621	41.93796	-86.5549
49107	10382	4879	1.69E+08	3988332	65.405	1.54	41.84491	-86.4176
49111	3346	1540	1.06E+08	1551939	40.853	0.599	42.0227	-86.2911
49112	10171	4508	1.11E+08	6117095	43.025	2.362	41.79603	-86.0305
49113	1904	916	91576412	370091	35.358	0.143	41.80106	-86.5039
49115	294	531	3459965	2805222	1.336	1.083	41.87703	-86.6345
49116	394	661	5460030	2490069	2.108	0.961	41.85331	-86.6634
49117	3951	3736	49543336	5238637	19.129	2.023	41.78167	-86.7268
49119	136	61	337870	1073	0.13	0	41.87417	-86.5492
49120	37122	16436	3.04E+08	6371388	117.441	2.46	41.83281	-86.2308
49125	2046	1634	34953065	3063436	13.495	1.183	41.8919	-86.5794
49126	1341	633	41460467	1299025	16.008	0.502	42.02522	-86.3694
49127	10694	4902	41928933	6004714	16.189	2.318	42.01102	-86.5153
49128	3715	1961	1.11E+08	787079	42.889	0.304	41.82041	-86.6005
49129	609	1190	12985725	1200745	5.014	0.464	41.81548	-86.6911
49130	1659	890	31256937	1871060	12.068	0.722	41.77442	-85.8603
49201	45190	17071	3.95E+08	12853698	152.632	4.963	42.19135	-84.2972

49202	20661	10272	36098220	119839	13.938	0.046	42.26718	-84.4109
49203	38280	17213	68030376	2239103	26.267	0.865	42.22184	-84.3966
49220	2290	1138	73363297	669300	28.326	0.258	41.99878	-84.3389
49221	41310	16292	3.07E+08	1699276	118.424	0.656	41.90235	-84.0647
49224	14224	6021	2.56E+08	5762047	98.827	2.225	42.27962	-84.7469
49227	1284	551	66176623	320909	25.551	0.124	41.95002	-84.773
49228	5545	2363	2.06E+08	719482	79.449	0.278	41.80902	-83.8756
49229	3245	1293	1.43E+08	91262	55.164	0.035	41.98701	-83.8272
49230	10475	6151	1.7E+08	16908224	65.58	6.528	42.09161	-84.2173
49232	2801	1326	1.63E+08	1809573	62.771	0.699	41.74037	-84.6646
49233	2646	1313	55500599	2494099	21.429	0.963	42.06111	-84.3625
49234	2579	1379	56755852	3410360	21.914	1.317	42.12704	-84.3687
49235	2117	869	1.29E+08	620115	49.932	0.239	41.86391	-84.2009
49236	4838	2021	97228127	660075	37.54	0.255	42.07597	-83.9417
49237	2980	1299	98738643	1806568	38.123	0.698	42.17045	-84.6515
49238	1735	684	73227767	459588	28.273	0.177	41.90223	-83.7856
49240	8703	3725	2.74E+08	9664044	105.702	3.731	42.2833	-84.1814
49241	2579	1075	88131916	1264369	34.028	0.488	42.10784	-84.6033
49242	15248	6740	2.35E+08	6819900	90.605	2.633	41.8863	-84.6227
49245	4845	2016	2.5E+08	2080167	96.614	0.803	42.13975	-84.8136
49246	3255	1486	88518635	3572617	34.177	1.379	42.12779	-84.5124
49247	5768	2710	2.22E+08	3792412	85.532	1.464	41.83756	-84.3382
49248	899	378	85157231	0	32.879	0	41.75642	-84.0112
49249	3408	1868	82957771	3837138	32.03	1.482	42.02933	-84.4548
49250	6182	2634	2.02E+08	1417744	78.127	0.547	42.02173	-84.6262
49251	6229	2529	1.51E+08	677063	58.348	0.261	42.46635	-84.408
49252	2605	1145	1.01E+08	605470	38.999	0.234	42.03524	-84.7654
49253	3166	2359	63552169	7413920	24.538	2.863	41.96795	-84.2728
49254	3321	1569	8400466	1634511	3.243	0.631	42.22798	-84.3164
49255	1939	856	1.04E+08	893794	39.985	0.345	41.7712	-84.8446
49256	3888	1658	1.53E+08	141261	58.889	0.055	41.74631	-84.2156
49259	2523	1112	72484244	2514941	27.986	0.971	42.37459	-84.2616
49261	290	125	1517832	3653	0.586	0.001	42.15764	-84.236
49262	1280	563	59381067	56534	22.927	0.022	41.96361	-84.4683
49263	85	42	259466	1153	0.1	0	42.1589	-84.1843
49264	1992	785	69470201	630562	26.823	0.243	42.44623	-84.5551
49265	4958	2352	77888928	5638139	30.073	2.177	42.0067	-84.1752
49266	2942	1477	1.14E+08	1563283	44.205	0.604	41.83975	-84.5468
49267	4072	1653	1.03E+08	1068806	39.947	0.413	41.75732	-83.7194
49268	1059	453	55890830	303047	21.58	0.117	41.86871	-83.929
49269	5998	2483	1.55E+08	940743	60.03	0.363	42.28716	-84.5936
49270	5874	2266	1.16E+08	1065897	44.813	0.412	41.87368	-83.6808
49271	2256	943	1.43E+08	463862	55.12	0.179	41.83199	-84.4531
49272	2417	1117	29371020	2125868	11.34	0.821	42.39365	-84.3482
49274	3670	1860	1.55E+08	1976724	59.782	0.763	41.84668	-84.7598
49276	1003	384	58535412	43693	22.601	0.017	41.79466	-83.7768
49277	3668	1439	91995133	1414494	35.52	0.546	42.38865	-84.4693

49279	797	321	68234536	0	26.346	0	41.7808	-84.1039
49282	372	285	7585844	1657628	2.929	0.64	42.03444	-84.4026
49283	4362	1372	35182417	900560	13.584	0.348	42.20735	-84.5506
49284	3028	1346	1.38E+08	1747547	53.249	0.675	42.39164	-84.6883
49285	5720	2259	1.92E+08	2173757	74.304	0.839	42.47655	-84.213
49286	14797	6381	1.55E+08	1405598	59.653	0.543	42.01486	-83.9362
49287	2099	933	72874094	1488491	28.137	0.575	42.02303	-84.0735
49288	1384	590	97737070	136870	37.736	0.053	41.73394	-84.4296
49289	167	74	1861768	0	0.719	0	41.76808	-84.1078
49301	18701	6503	1.47E+08	3535156	56.694	1.365	42.97344	-85.477
49302	7585	2690	1.26E+08	2339178	48.76	0.903	42.82152	-85.4023
49303	1129	397	38916049	137877	15.026	0.053	43.27155	-85.8606
49304	4328	6321	3.35E+08	9684109	129.201	3.739	43.90782	-85.8726
49305	2264	1618	1.19E+08	3774015	45.948	1.457	43.75202	-85.1511
49306	9244	3494	51312869	1281357	19.812	0.495	43.07502	-85.5653
49307	20112	7781	3.51E+08	9851359	135.419	3.804	43.69906	-85.4892
49309	1843	2272	2.95E+08	29166198	114.024	11.261	43.75982	-85.8769
49310	3016	1290	2.31E+08	588297	89.225	0.227	43.51386	-85.0476
49312	274	301	70698959	5265997	27.297	2.033	43.68535	-85.8061
49315	19915	7573	1.39E+08	182458	53.489	0.07	42.80371	-85.7422
49316	20074	7544	1.47E+08	2802700	56.913	1.082	42.79377	-85.5505
49318	1398	545	45838062	436700	17.698	0.169	43.22728	-85.8204
49319	16181	6101	2.25E+08	5497034	86.927	2.122	43.23009	-85.5279
49320	21	30	927968	0	0.358	0	43.75359	-85.2755
49321	16241	6949	66874273	1428682	25.82	0.552	43.07322	-85.6803
49322	1212	590	66315600	2175343	25.605	0.84	43.35579	-85.3512
49323	9410	3253	1.27E+08	642335	49.094	0.248	42.72855	-85.7906
49325	1909	702	72235829	525608	27.89	0.203	42.7608	-85.3017
49326	3752	1764	60678640	5712748	23.428	2.206	43.24615	-85.3164
49327	8406	3489	2.39E+08	5849012	92.394	2.258	43.32353	-85.8453
49328	3885	1681	1.47E+08	1732737	56.566	0.669	42.63368	-85.7582
49329	8641	3573	2.11E+08	2806799	81.658	1.084	43.40647	-85.4849
49330	5440	1953	1.15E+08	1097783	44.337	0.424	43.24154	-85.7367
49331	16627	6367	2.34E+08	7333350	90.416	2.831	42.94939	-85.3515
49332	3019	2338	1.17E+08	9282094	45.2	3.584	43.62306	-85.2491
49333	11191	4749	2.06E+08	10028329	79.52	3.872	42.69946	-85.4618
49335	314	115	2456218	0	0.948	0	42.73851	-85.6685
49336	4352	1763	2.03E+08	2568446	78.326	0.992	43.50847	-85.4357
49337	12088	6586	2.91E+08	22049471	112.186	8.513	43.43708	-85.7123
49338	1842	907	1.34E+08	2580139	51.905	0.996	43.77166	-85.6023
49339	2283	1201	75862638	3803394	29.291	1.468	43.33136	-85.4965
49340	2912	1363	2.24E+08	2010296	86.478	0.776	43.61793	-85.1108
49341	33737	12486	2.14E+08	10776018	82.669	4.161	43.12414	-85.4909
49342	1649	1081	1.16E+08	4357633	44.934	1.682	43.69044	-85.3156
49343	5489	2371	1.37E+08	6539907	52.747	2.525	43.29721	-85.5351
49344	3410	1898	83619399	5374155	32.286	2.075	42.58991	-85.5913
49345	13040	5173	1.37E+08	2844725	52.714	1.098	43.15534	-85.7039

49346	5446	3376	1.67E+08	7057007	64.379	2.725	43.59489	-85.4211
49347	1257	701	48112827	2048022	18.576	0.791	43.31669	-85.347
49348	12153	5092	1.72E+08	4916723	66.488	1.898	42.68508	-85.6102
49349	8087	4485	4.83E+08	27876286	186.45	10.763	43.57536	-85.7488
49401	20735	5832	66501346	1309752	25.676	0.506	42.97566	-85.9393
49402	1380	1438	3.2E+08	2002315	123.44	0.773	43.9332	-86.0292
49403	2473	953	1.22E+08	848955	47.174	0.328	43.14098	-85.8578
49404	8269	3214	1.61E+08	1989634	62.154	0.768	43.06344	-85.9522
49405	1559	975	1.79E+08	1402556	68.98	0.542	43.91469	-86.1912
49406	884	882	4843609	562617	1.87	0.217	42.64235	-86.2029
49408	9091	4687	2.73E+08	5412845	105.382	2.09	42.57168	-86.1162
49410	2005	1549	1.12E+08	4985203	43.16	1.925	44.03204	-86.1262
49411	1538	1052	2.24E+08	6239613	86.477	2.409	44.10041	-86.2518
49412	11065	4861	2.75E+08	12130882	106.177	4.684	43.46846	-85.9482
49415	6480	2654	76222591	779287	29.43	0.301	43.15096	-86.1143
49417	29183	13189	1.2E+08	21433545	46.444	8.276	43.02029	-86.1563
49418	27417	10815	49014819	1578586	18.925	0.609	42.87799	-85.7679
49419	7791	2787	1.87E+08	1999116	72.098	0.772	42.67974	-85.9808
49420	6420	2881	2.9E+08	18329382	111.974	7.077	43.71999	-86.2823
49421	5991	3080	3.21E+08	30113938	123.915	11.627	43.59933	-86.0694
49423	44977	18415	2.01E+08	4246835	77.609	1.64	42.74381	-86.0837
49424	44760	17893	1.49E+08	18255853	57.407	7.049	42.84382	-86.1344
49425	3660	1524	1.61E+08	7382971	62.111	2.851	43.42882	-86.0893
49426	33244	11546	1.62E+08	405593	62.487	0.157	42.86113	-85.8885
49428	25420	9709	42833263	1780833	16.538	0.688	42.92021	-85.8388
49431	16875	9608	2.69E+08	50700496	104.001	19.576	43.9858	-86.4065
49434	20	71	144360	818312	0.056	0.316	42.76975	-86.2185
49435	3549	1277	56758443	464657	21.915	0.179	43.02446	-85.835
49436	1622	2315	80980624	18805957	31.267	7.261	43.67831	-86.4661
49437	6902	3556	1.67E+08	38813377	64.511	14.986	43.46135	-86.3865
49440	953	645	1559681	675804	0.602	0.261	43.23769	-86.2542
49441	36308	17369	56329899	37259692	21.749	14.386	43.18387	-86.2854
49442	41214	16893	1.09E+08	10574965	42.06	4.083	43.24184	-86.1357
49444	29456	11148	61522909	1446733	23.754	0.559	43.17868	-86.1991
49445	20784	8848	1.58E+08	27586430	60.978	10.651	43.29254	-86.2939
49446	2321	1119	82404857	2892783	31.817	1.117	43.55143	-86.3787
49448	3410	1392	86064212	1635393	33.23	0.631	43.09395	-86.0713
49449	2675	2697	1.04E+08	24652963	40.071	9.519	43.79363	-86.3886
49450	3302	1471	76333079	1196985	29.472	0.462	42.48465	-86.0825
49451	6012	2285	2.15E+08	3290349	82.894	1.27	43.21307	-85.9678
49452	1952	880	1.12E+08	7908262	43.284	3.053	43.50948	-86.2584
49453	2626	1875	28180636	2557773	10.881	0.988	42.65952	-86.1727
49454	4574	2094	1.89E+08	1044052	73.077	0.403	43.94633	-86.2851
49455	5034	2709	2.1E+08	21171933	81.07	8.175	43.61029	-86.3783
49456	18581	8956	64446921	22237976	24.883	8.586	43.0891	-86.2069
49457	10565	4373	1.98E+08	11918947	76.63	4.602	43.35274	-86.1462
49458	119	94	18569992	147959	7.17	0.057	43.92435	-86.0985

49459	1351	933	1.8E+08	19822190	69.53	7.653	43.74139	-86.1122
49460	8126	3273	1.41E+08	18121264	54.626	6.997	42.93316	-86.1453
49461	8929	4093	1.11E+08	14294741	42.692	5.519	43.37622	-86.3193
49464	27481	9896	1.95E+08	339428	75.287	0.131	42.8448	-85.9848
49503	35940	16632	18613128	474102	7.187	0.183	42.96212	-85.6594
49504	39994	17634	28560713	523719	11.027	0.202	42.98158	-85.7107
49505	31216	13970	23052277	578305	8.901	0.223	42.99648	-85.6377
49506	31354	12669	18864713	1410848	7.284	0.545	42.94575	-85.6138
49507	35459	13406	14290381	0	5.518	0	42.93066	-85.6552
49508	39148	16128	31197223	58401	12.045	0.023	42.87328	-85.6211
49509	26720	10422	18759530	52378	7.243	0.02	42.89771	-85.6928
49512	15448	7881	58577763	561908	22.617	0.217	42.88275	-85.5281
49519	27424	11667	20807622	412922	8.034	0.159	42.89574	-85.7183
49525	27383	11192	60945418	2608808	23.531	1.007	43.01831	-85.5929
49534	21570	9194	90698721	2724015	35.019	1.052	42.96444	-85.7872
49544	8944	3994	53868191	445996	20.799	0.172	43.03893	-85.7466
49546	31880	13030	46785273	1605506	18.064	0.62	42.93309	-85.536
49548	30524	12650	27410151	34597	10.583	0.013	42.87045	-85.6626
49601	21236	10544	5.34E+08	18348381	206.327	7.084	44.24596	-85.5102
49611	236	126	4069598	0	1.571	0	44.97368	-84.9745
49612	1121	947	61121334	16729325	23.599	6.459	44.86492	-85.2395
49613	680	662	60800455	7725801	23.475	2.983	44.50612	-86.2069
49614	2790	1888	2.19E+08	8222331	84.433	3.175	44.43503	-86.1143
49615	4131	3650	1.81E+08	26979993	69.7	10.417	44.96678	-85.2091
49616	1974	1084	95692037	880561	36.947	0.34	44.57731	-86.0843
49617	3363	2483	1.17E+08	17934938	45.097	6.925	44.64323	-86.0318
49618	761	383	80451486	19550	31.062	0.008	44.29349	-85.6076
49619	1110	774	1.62E+08	2588700	62.728	1	44.29306	-85.9912
49620	2445	1133	1.35E+08	845136	52.256	0.326	44.52353	-85.6912
49621	3096	1903	1.52E+08	19350338	58.727	7.471	44.8687	-85.7703
49622	2494	1925	1.16E+08	11671120	44.803	4.506	45.07741	-85.2609
49623	1164	912	1.48E+08	336837	57.31	0.13	43.90892	-85.6921
49625	1379	839	2.18E+08	504966	84.086	0.195	44.43345	-85.883
49626	421	220	3600523	842559	1.39	0.325	44.2399	-86.292
49627	206	238	4323065	6081799	1.669	2.348	45.08436	-85.3449
49628	372	228	1917439	4182952	0.74	1.615	44.61542	-86.2444
49629	2223	1673	10404865	13682566	4.017	5.283	44.91954	-85.3899
49630	1429	1207	1.17E+08	18412342	45.2	7.109	44.81825	-86.0093
49631	6357	4196	3.84E+08	11446977	148.401	4.42	43.91271	-85.2629
49632	1126	849	2.19E+08	1315142	84.687	0.508	44.23901	-84.9679
49633	3703	2783	4.26E+08	7138280	164.348	2.756	44.5587	-85.2062
49634	116	51	387002	0	0.149	0	44.21483	-86.2903
49635	3350	3269	1.04E+08	59689338	40.279	23.046	44.61726	-86.1924
49636	560	1239	30983640	27945603	11.963	10.79	44.85549	-85.9632
49637	3405	1523	64754181	8576107	25.002	3.311	44.62162	-85.7098
49638	824	665	1.78E+08	1717465	68.818	0.663	44.28697	-85.7557
49639	2557	1411	1.56E+08	2161864	60.073	0.835	43.847	-85.4084

49640	1618	1346	1.54E+08	18691139	59.64	7.217	44.71525	-86.0487
49642	842	1431	46955974	764895	18.13	0.295	43.86959	-85.7573
49643	6253	3142	1.46E+08	11189254	56.264	4.32	44.63974	-85.8289
49644	2033	3445	2.98E+08	4822611	115.075	1.862	44.10683	-85.9213
49645	1632	1041	1.04E+08	1192823	40.158	0.461	44.36213	-86.0294
49646	8229	5843	5.75E+08	14460398	221.872	5.583	44.72448	-85.0558
49648	2098	1878	68910857	58115631	26.607	22.439	44.99642	-85.3363
49649	7789	2449	2.69E+08	551421	104.035	0.213	44.56337	-85.5254
49650	3144	1528	63842800	5067745	24.65	1.957	44.73984	-85.8872
49651	7665	5225	5.79E+08	15343650	223.658	5.924	44.39052	-85.1048
49653	1922	1354	72028980	9761969	27.811	3.769	44.97363	-85.7239
49654	690	821	90065556	7151026	34.775	2.761	45.14618	-86.0516
49655	3173	2206	2.33E+08	4120113	89.879	1.591	44.02464	-85.4369
49656	1534	1650	3.28E+08	1290902	126.487	0.498	44.06782	-85.692
49657	3683	1620	2.5E+08	1525181	96.422	0.589	44.2125	-85.1692
49659	6801	4505	4.27E+08	3947664	164.913	1.524	44.89561	-85.0193
49660	14066	7561	4.84E+08	25310140	186.729	9.772	44.22514	-86.2102
49663	5874	2847	4.4E+08	2174490	170.076	0.84	44.43532	-85.3901
49664	2067	1377	1.5E+08	5213201	57.766	2.013	44.88783	-85.8987
49665	4413	2389	4.07E+08	2645525	157.095	1.021	44.0952	-85.1182
49666	106	52	6579442	0	2.54	0	44.62203	-85.5541
49667	549	476	2.06E+08	3019719	79.619	1.166	44.36333	-84.9146
49668	3625	2120	2.75E+08	8068644	106.324	3.115	44.40542	-85.7026
49670	1891	1845	1.2E+08	56032736	46.174	21.634	45.14546	-85.647
49674	110	84	4161313	1848983	1.607	0.714	45.04861	-85.5915
49675	1030	1001	31268467	12997167	12.073	5.018	44.38362	-86.2249
49676	3407	2521	1.12E+08	27404262	43.072	10.581	44.83218	-85.2892
49677	6631	3428	3.41E+08	2937219	131.773	1.134	43.89478	-85.5527
49679	1428	1066	1.43E+08	2356306	55.06	0.91	43.87501	-85.1458
49680	1916	1000	1.35E+08	879101	52.113	0.339	44.646	-85.2627
49682	4253	2223	95202865	72799869	36.758	28.108	44.97866	-85.627
49683	1939	1632	2.23E+08	1016798	86.088	0.393	44.54052	-85.9269
49684	37963	18012	2.61E+08	65374860	100.727	25.241	44.76234	-85.7036
49686	32056	16100	3.11E+08	75043927	120.237	28.975	44.71368	-85.5578
49688	2703	1496	2.5E+08	1279979	96.488	0.494	44.11701	-85.4504
49689	1560	1721	2.04E+08	4733855	78.657	1.828	44.21323	-85.9024
49690	6182	3562	1.99E+08	35395751	76.805	13.666	44.78876	-85.3994
49701	1036	1041	32541772	16171385	12.564	6.244	45.77264	-84.7388
49705	937	496	1.97E+08	1092341	75.873	0.422	45.3551	-84.461
49706	4585	2631	1.62E+08	5525981	62.493	2.134	45.43835	-84.7794
49707	22701	12030	5.6E+08	1.08E+08	216.065	41.785	45.09437	-83.4762
49709	3618	4095	5.9E+08	12270108	227.812	4.738	45.01868	-84.1445
49710	409	502	94277549	41663317	36.401	16.086	46.27489	-84.171
49712	7890	4798	1.86E+08	27019940	71.689	10.432	45.20926	-85.0093
49713	1864	1350	2.56E+08	2430017	98.959	0.938	45.21093	-84.8423
49715	3130	2011	4.76E+08	77905872	183.79	30.08	46.39742	-84.7082
49716	806	651	62633151	213416	24.183	0.082	45.51729	-84.7481

49717	72	129	2370777	0	0.915	0	45.43497	-84.6912
49718	701	788	1.29E+08	51096196	49.75	19.728	45.73462	-84.8615
49719	1362	1737	1.52E+08	58665891	58.516	22.651	46.00562	-84.3248
49720	9172	6113	2.48E+08	78536176	95.633	30.323	45.2805	-85.2451
49721	14436	8839	6.7E+08	95167440	258.617	36.744	45.58226	-84.4605
49722	220	183	1716875	552668	0.663	0.213	45.42746	-84.8623
49724	1146	512	1.44E+08	1201590	55.604	0.464	46.32764	-84.3901
49725	766	864	1.25E+08	46029993	48.159	17.772	45.97848	-84.0208
49726	1058	1662	3.33E+08	2.84E+08	128.721	109.665	46.00236	-83.6155
49727	7145	4244	3.34E+08	27002851	129.101	10.426	45.12527	-85.1058
49728	334	686	4.64E+08	69150692	179.108	26.699	46.41159	-85.0285
49729	1446	1002	97813213	13646183	37.766	5.269	45.1669	-85.2921
49730	2187	1449	2.42E+08	1005941	93.422	0.388	45.04403	-84.8675
49733	1965	1743	3.27E+08	3363287	126.406	1.299	44.80647	-84.6966
49735	19515	11071	6.49E+08	20612397	250.561	7.958	44.99794	-84.6703
49736	578	561	2.1E+08	1.14E+08	80.969	43.979	46.06763	-84.0759
49738	9924	7713	7.6E+08	14940841	293.614	5.769	44.69833	-84.6094
49740	7042	6178	3.2E+08	43828562	123.645	16.922	45.52481	-85.0083
49743	769	783	2.33E+08	4573092	90.06	1.766	45.26696	-83.8934
49744	823	458	91840768	111208	35.46	0.043	44.99312	-83.6571
49745	1089	981	2.04E+08	26750246	78.711	10.328	46.03979	-84.5224
49746	3685	2853	5.48E+08	33038560	211.752	12.756	45.06439	-83.9549
49747	1921	1681	2.5E+08	551616	96.701	0.213	44.84965	-83.6531
49748	170	314	2.72E+08	2686519	104.927	1.037	46.37491	-85.2129
49749	4283	3615	1.88E+08	36490645	72.674	14.089	45.42574	-84.5678
49751	2087	1997	3.93E+08	5645513	151.647	2.18	44.98284	-84.4302
49752	515	257	66382317	770607	25.63	0.298	46.25415	-84.4345
49753	2057	1536	4.43E+08	12523805	170.879	4.835	45.01915	-83.778
49755	1892	1345	2.59E+08	15219443	99.808	5.876	45.63459	-84.801
49756	3857	4848	4.24E+08	13560053	163.539	5.236	44.82473	-84.2797
49757	492	1002	11271216	37531699	4.352	14.491	45.85621	-84.6214
49759	1682	1773	3.91E+08	18415970	150.843	7.11	45.41748	-84.0961
49760	713	749	3.72E+08	22826571	143.62	8.813	46.04057	-84.9025
49762	639	891	5.67E+08	2.31E+08	218.757	89.186	46.10471	-85.3375
49764	139	77	154134	0	0.06	0	45.42417	-84.8274
49765	4154	2980	6.51E+08	28580787	251.186	11.035	45.32839	-84.2425
49766	2417	1324	1.15E+08	21654791	44.297	8.361	44.9083	-83.432
49768	476	1012	4.27E+08	80779124	164.723	31.189	46.65483	-85.117
49769	1644	923	1.38E+08	7369714	53.358	2.845	45.57077	-84.8618
49770	16862	9623	2.84E+08	37429405	109.681	14.452	45.33122	-84.8971
49774	1851	1190	4.17E+08	75864372	161.155	29.291	46.16245	-84.3153
49775	95	542	90946628	34427755	35.115	13.293	45.77552	-84.4824
49776	1888	1142	3.2E+08	4084451	123.645	1.577	45.2322	-83.6804
49777	1640	1857	1.65E+08	83543497	63.673	32.256	45.30553	-83.5071
49779	4639	2752	3.13E+08	59262359	120.673	22.881	45.40769	-83.8634
49780	1946	1264	7.75E+08	8087151	299.421	3.122	46.21301	-84.7287
49781	4020	2270	2.04E+08	57256711	78.666	22.107	45.88412	-84.7911

49782	657	1016	1.88E+08	5116294	72.692	1.975	45.67425	-85.5427
49783	19668	9445	3.91E+08	1.05E+08	151.049	40.369	46.4169	-84.2891
49788	6609	1004	20071746	91948	7.75	0.036	46.26535	-84.465
49791	329	305	2783613	0	1.075	0	45.48676	-84.5958
49793	322	400	1.6E+08	4351655	61.76	1.68	46.20292	-85.0637
49795	2097	1328	3.38E+08	2169862	130.61	0.838	45.16083	-84.5789
49796	320	343	5246162	5188718	2.026	2.003	45.26256	-84.9592
49799	2327	1620	2.86E+08	3516383	110.528	1.358	45.2623	-84.5804
49801	11424	5798	3.9E+08	13187782	150.743	5.092	45.96073	-87.9784
49802	6230	2930	20523117	1431807	7.924	0.553	45.80106	-88.0779
49805	336	234	77949599	6037305	30.097	2.331	47.3673	-88.3513
49806	627	686	1.18E+08	40063686	45.735	15.469	46.45241	-86.9012
49807	3390	1955	5.44E+08	31538733	209.894	12.177	45.77153	-87.3459
49808	352	538	4.19E+08	1.45E+08	161.618	55.857	46.8248	-87.8466
49812	925	607	1.85E+08	69400	71.334	0.027	45.59163	-87.5031
49814	1429	991	6.01E+08	22683105	232.017	8.758	46.56561	-87.9056
49815	488	481	3.04E+08	5239514	117.398	2.023	46.1854	-87.9642
49816	724	424	1.44E+08	5194678	55.523	2.006	46.28538	-86.8953
49817	615	335	2.38E+08	1225421	91.785	0.473	45.96199	-86.4583
49818	988	819	4.66E+08	3149211	179.839	1.216	45.96522	-87.3493
49819	36	53	33681746	204560	13.005	0.079	46.10891	-87.4563
49820	382	360	52894922	781690	20.423	0.302	46.19009	-85.6542
49821	1354	1021	3.74E+08	1864648	144.288	0.72	45.52966	-87.631
49822	220	290	1.57E+08	20756280	60.694	8.014	46.43352	-87.0246
49825	299	169	58966148	224472	22.767	0.087	46.34688	-86.9949
49826	137	91	36993611	219844	14.283	0.085	46.32331	-87.0528
49827	897	786	2.66E+08	5053417	102.809	1.951	46.17701	-85.5606
49829	17347	8279	1.69E+08	14770443	65.138	5.703	45.76364	-87.1382
49831	780	654	3.02E+08	4637705	116.672	1.791	46.01282	-87.8661
49833	266	201	20965929	1691012	8.095	0.653	46.29305	-87.3276
49834	284	198	93400832	1710375	36.062	0.66	45.94566	-87.7684
49835	802	740	2.45E+08	26628525	94.408	10.281	45.73578	-86.5626
49836	938	1028	2.62E+08	54766458	101.058	21.145	46.20177	-85.9036
49837	9795	4599	1.78E+08	21290734	68.852	8.22	45.86741	-87.0774
49838	504	607	3.61E+08	13940582	139.458	5.382	46.03247	-85.7366
49839	479	654	3.6E+08	59239715	138.88	22.873	46.61801	-86.1084
49840	771	765	4.68E+08	44442592	180.566	17.159	46.09586	-86.0131
49841	7016	4365	4.97E+08	11318795	191.851	4.37	46.27516	-87.4657
49847	998	580	1.53E+08	780300	59.084	0.301	45.70468	-87.6362
49848	128	91	11088489	0	4.281	0	45.37825	-87.6364
49849	12242	6212	7.37E+08	34165591	284.422	13.191	46.43271	-87.7564
49852	120	64	614207	77421	0.237	0.03	45.78625	-87.8168
49853	1278	1365	4.39E+08	28051973	169.578	10.831	46.36829	-85.7509
49854	6469	4459	1.34E+09	93389372	518.003	36.058	46.06161	-86.3045
49855	33561	14728	5.2E+08	1.05E+08	200.614	40.439	46.57882	-87.4553
49858	12088	6502	2.22E+08	20427563	85.817	7.887	45.21874	-87.5765
49861	616	758	5.08E+08	36553620	196.325	14.113	46.48156	-88.2434

49862	5025	2486	4.25E+08	1.16E+08	164.108	44.597	46.39508	-86.7019
49863	130	66	1410791	0	0.545	0	45.61339	-87.5516
49864	54	55	12282466	0	4.742	0	45.87148	-86.6726
49866	8034	3786	3.77E+08	12452535	145.545	4.808	46.52148	-87.5808
49868	5409	3074	1.83E+09	95475302	705.006	36.863	46.51035	-85.5183
49870	3329	1665	1.42E+08	1316762	54.975	0.508	45.86723	-87.879
49871	510	231	33740186	2882274	13.027	1.113	46.42506	-87.5522
49872	206	124	49103087	0	18.959	0	46.02106	-87.0844
49873	120	264	4.35E+08	738053	168.093	0.285	45.89046	-87.5788
49874	1126	514	1.02E+08	334084	39.569	0.129	45.71492	-87.4739
49876	1240	529	8958243	607091	3.459	0.234	45.80269	-87.9828
49877	67	156	3.15E+08	1117275	121.783	0.431	46.14804	-87.7055
49878	3583	3020	1.21E+09	91655550	467.11	35.388	45.9457	-86.8604
49879	1038	1166	3.66E+08	20188166	141.201	7.795	46.35872	-88.0388
49880	1142	996	5.6E+08	2205213	216.344	0.851	46.11099	-87.2224
49881	345	289	1.2E+08	882120	46.467	0.341	46.07322	-88.0473
49883	151	303	6.97E+08	24239997	269.004	9.359	46.43173	-86.0009
49884	552	404	7.29E+08	28682839	281.509	11.075	46.40521	-86.3238
49885	1897	1077	3.81E+08	2308313	147.257	0.891	46.33805	-87.1983
49886	435	240	40256200	0	15.543	0	45.73919	-87.527
49887	2474	1942	5.56E+08	35509405	214.664	13.71	45.42934	-87.5506
49891	816	590	2.21E+08	994788	85.212	0.384	46.24128	-87.0225
49892	1948	1337	4.22E+08	8959020	162.873	3.459	45.81809	-87.7857
49893	1784	1059	1.94E+08	1869824	75.06	0.722	45.29704	-87.6052
49894	680	321	2184551	79271	0.843	0.031	45.78605	-87.0751
49895	765	1147	5.66E+08	20244116	218.664	7.816	46.16531	-86.6659
49896	1749	752	1.52E+08	226557	58.739	0.087	45.67758	-87.3893
49901	346	247	6286503	0	2.427	0	47.30775	-88.3954
49902	145	121	816798	0	0.315	0	46.043	-88.3799
49903	133	248	4.81E+08	8533467	185.56	3.295	46.33262	-88.4453
49905	2005	841	1.54E+08	31184223	59.342	12.04	47.12185	-88.7221
49908	3292	1223	2.69E+08	28058205	103.703	10.833	46.76822	-88.5572
49910	385	466	3.14E+08	25217756	121.273	9.737	46.613	-89.6095
49911	2744	1913	1.07E+08	72972	41.407	0.028	46.49062	-90.0503
49912	1081	912	5.55E+08	4209230	214.256	1.625	46.49672	-89.1942
49913	7248	3996	1.81E+08	4257891	70.065	1.644	47.24319	-88.4585
49915	630	363	2326962	0	0.898	0	46.06512	-88.622
49916	2765	1512	2.77E+08	16804312	106.778	6.488	46.9841	-88.5863
49917	205	119	4444589	0	1.716	0	47.28136	-88.3591
49918	120	188	1.22E+08	62755510	47.145	24.23	47.4346	-87.8673
49919	242	208	3.08E+08	9135257	118.821	3.527	46.48614	-88.4568
49920	4273	3385	1.1E+09	63912821	422.835	24.677	46.14255	-88.2954
49921	360	164	1050306	5298	0.406	0.002	47.09256	-88.5826
49922	1043	524	15203238	6369830	5.87	2.459	47.1006	-88.4833
49925	494	444	3.28E+08	233527	126.703	0.09	46.54442	-89.3747
49927	483	258	45206896	809145	17.454	0.312	46.04168	-88.5662
49929	216	131	45763815	0	17.67	0	46.7811	-89.1495

49930	6987	3241	1.27E+08	12092571	48.917	4.669	47.16483	-88.5396
49931	9630	3457	73593966	7116334	28.415	2.748	47.08438	-88.5728
49934	900	437	5722885	1440964	2.21	0.556	47.17427	-88.4405
49935	6096	4641	1.23E+09	33493117	474.819	12.932	46.17563	-88.7521
49938	7945	4812	6.16E+08	54822179	237.979	21.167	46.58432	-90.1319
49942	156	86	2640830	19038	1.02	0.007	47.27498	-88.4081
49945	2621	2193	4.3E+08	43752002	165.886	16.893	47.18319	-88.3173
49946	4040	2375	7.04E+08	67483723	271.666	26.056	46.72089	-88.3216
49947	1818	852	8.27E+08	38316629	319.379	14.794	46.38542	-89.6164
49948	590	501	3.44E+08	1267381	132.903	0.489	46.71118	-89.02
49950	1121	1355	4.63E+08	29599657	178.668	11.428	47.38621	-88.1332
49952	143	176	1.7E+08	3525197	65.777	1.361	46.70225	-88.7858
49953	2879	2081	1.09E+09	3162877	419.799	1.221	46.8038	-89.3718
49955	371	176	29347550	236332	11.331	0.091	47.00649	-88.6946
49958	1270	885	3.14E+08	13210941	121.192	5.101	46.82839	-88.6684
49959	344	229	1827907	0	0.706	0	46.47064	-89.9984
49960	185	159	1.09E+08	1743697	42.174	0.673	46.71185	-89.2584
49961	107	189	1.55E+08	1761644	59.989	0.68	46.52268	-88.7326
49962	260	499	2.59E+08	16709513	99.881	6.452	46.83928	-88.1311
49963	1024	528	31095804	0	12.006	0	47.04147	-88.6891
49965	440	660	5.36E+08	6165053	207.027	2.38	46.95452	-88.8577
49967	492	713	8.79E+08	18456080	339.504	7.126	46.50603	-88.966
49968	2247	1474	6.48E+08	5738956	250.229	2.216	46.49027	-89.8872
49969	1401	1624	6.76E+08	61036532	260.821	23.566	46.25166	-89.2107
49970	243	246	2.66E+08	2848899	102.875	1.1	46.54742	-88.6004
49971	483	361	2.44E+08	708327	94.08	0.273	46.70924	-89.7053
50001	680	289	62132136	664520	23.989	0.257	41.36272	-93.4334
50002	1297	636	2.79E+08	182250	107.73	0.07	41.51478	-94.6483
50003	6594	2707	2.96E+08	1824123	114.387	0.704	41.6115	-94.043
50005	730	318	69351844	271729	26.777	0.105	42.13199	-93.0346
50006	1676	761	3.18E+08	136481	122.629	0.053	42.50836	-93.4019
50007	474	167	13782897	0	5.322	0	41.80681	-93.602
50008	878	429	2.2E+08	799607	84.875	0.309	40.67967	-93.3803
50009	16136	6319	65155566	51547	25.157	0.02	41.64501	-93.4591
50010	29359	13618	1.55E+08	260300	59.859	0.101	42.03082	-93.5885
50011	1390	1	125094	0	0.048	0	42.02403	-93.6365
50012	4062	29	1972687	9935	0.762	0.004	42.02675	-93.6459
50014	28094	11868	1.45E+08	89999	55.883	0.035	42.0463	-93.6944
50020	1407	684	2.48E+08	919321	95.834	0.355	41.43842	-94.747
50021	21595	9017	66701596	24328	25.754	0.009	41.72421	-93.5654
50022	8494	3975	4.31E+08	396033	166.598	0.153	41.41434	-94.9963
50023	27986	10847	57348146	75990	22.142	0.029	41.73129	-93.6319
50025	3325	1630	5.07E+08	0	195.92	0	41.75796	-94.9236
50026	584	285	1.43E+08	0	55.162	0	41.85852	-94.4496
50027	285	151	72300542	591188	27.915	0.228	41.48203	-92.4694
50028	1681	689	1.15E+08	70134	44.349	0.027	41.81202	-93.1537
50029	691	339	1.05E+08	73324	40.527	0.028	41.82896	-94.5559

50032	399	185	955390	0	0.369	0	41.66652	-93.5424
50033	44	20	288201	0	0.111	0	41.36304	-93.7928
50034	490	251	1.62E+08	1602666	62.503	0.619	42.52166	-93.6614
50035	5387	1958	1.17E+08	125744	45.086	0.049	41.72391	-93.4581
50036	16287	7459	5.02E+08	2586719	194.007	0.999	42.08555	-93.8642
50038	205	111	7907934	966305	3.053	0.373	41.52507	-93.9033
50039	329	159	60629106	32941	23.409	0.013	41.81421	-93.9968
50041	92	54	1101427	0	0.425	0	42.63845	-93.2481
50042	309	155	83827836	334754	32.366	0.129	41.53375	-94.9053
50044	887	403	1.18E+08	15343	45.737	0.006	41.20309	-92.8819
50046	1524	619	1.19E+08	729296	46.04	0.282	41.89341	-93.523
50047	5559	2208	1.51E+08	1608002	58.128	0.621	41.46364	-93.4743
50048	861	423	2.26E+08	277932	87.373	0.107	41.51246	-94.5201
50049	6493	3095	5.21E+08	2275554	201.101	0.879	41.03452	-93.2954
50050	710	353	1.98E+08	28538	76.324	0.011	42.15897	-94.5036
50051	283	134	66182743	390346	25.553	0.151	42.13539	-93.1414
50052	138	78	50874664	65966	19.643	0.025	40.64326	-93.4444
50054	3356	1428	1.51E+08	1568719	58.419	0.606	41.68964	-93.2319
50055	913	408	1.26E+08	292428	48.667	0.113	41.87868	-93.2961
50056	1372	592	1.49E+08	310723	57.484	0.12	42.0132	-93.2965
50057	238	100	52157438	26100	20.138	0.01	41.17991	-93.1343
50058	1927	902	3.64E+08	160131	140.569	0.062	41.85571	-94.691
50060	2507	1221	4.52E+08	1241090	174.661	0.479	40.75141	-93.3189
50061	1701	642	80154777	1544266	30.948	0.596	41.48593	-93.7849
50062	741	313	80081240	23079	30.92	0.009	41.2356	-93.2451
50063	2604	1037	1.7E+08	118000	65.798	0.046	41.69555	-93.9407
50064	126	55	40418909	0	15.606	0	42.10773	-94.2366
50065	583	296	1.47E+08	575406	56.884	0.222	40.61386	-93.7817
50066	262	128	64261113	471078	24.811	0.182	41.79808	-94.2334
50067	302	155	86782161	311356	33.507	0.12	40.71768	-93.8616
50068	366	161	1.15E+08	61870	44.281	0.024	40.94807	-93.4663
50069	1118	445	13262492	0	5.121	0	41.52077	-94.0303
50070	1489	734	1.71E+08	431546	65.884	0.167	41.44554	-94.2326
50071	1007	566	2.93E+08	337362	113.042	0.13	42.64862	-93.5049
50072	2671	1061	2.28E+08	450129	88.208	0.174	41.47122	-94.123
50073	1195	465	67244090	176052	25.963	0.068	41.79383	-93.5252
50074	334	409	1.26E+08	2003718	48.576	0.774	40.86593	-94.0801
50075	862	371	1.19E+08	7736	46.086	0.003	42.33214	-93.5506
50076	1502	737	2.9E+08	685667	111.956	0.265	41.59218	-94.8419
50078	126	59	660699	0	0.255	0	41.93858	-92.863
50101	66	29	25431226	0	9.819	0	42.66735	-93.6346
50102	87	45	1304963	0	0.504	0	42.24554	-93.4002
50103	452	228	1.57E+08	150478	60.718	0.058	40.79512	-93.6091
50104	128	63	28940560	0	11.174	0	41.4868	-92.3867
50105	1158	424	20560447	0	7.938	0	42.11029	-93.6373
50106	1039	489	1.7E+08	99380	65.653	0.038	41.88096	-92.8062
50107	1099	500	1.3E+08	109876	50.318	0.042	42.03653	-94.2191

50108	471	267	1.88E+08	164436	72.759	0.063	40.82564	-93.9527
50109	2762	1037	56668494	6088741	21.88	2.351	41.77088	-93.8006
50111	9407	3670	71187442	297164	27.486	0.115	41.69212	-93.8054
50112	11536	4798	4.75E+08	434761	183.49	0.168	41.73009	-92.7154
50115	2674	1271	4.41E+08	219589	170.258	0.085	41.68324	-94.5616
50116	299	126	44059135	12619	17.011	0.005	41.17977	-92.9736
50117	193	96	71585251	71929	27.639	0.028	41.66987	-94.8492
50118	1027	404	49691667	1774588	19.186	0.685	41.46697	-93.379
50119	498	216	39608454	746178	15.293	0.288	41.31309	-92.9397
50120	323	130	43941350	0	16.966	0	41.93373	-92.9829
50122	1373	623	2.19E+08	65908	84.385	0.025	42.30536	-93.3118
50123	818	455	2.04E+08	269954	78.886	0.104	40.83383	-93.5138
50124	3750	1493	54098688	0	20.888	0	41.88567	-93.6041
50125	19556	7722	4.24E+08	2672916	163.649	1.032	41.33519	-93.5846
50126	6853	3176	3.52E+08	342067	135.728	0.132	42.49438	-93.2554
50127	29	12	28260	0	0.011	0	41.77714	-93.2058
50128	360	176	75688815	209997	29.224	0.081	41.85559	-94.3002
50129	5228	2566	4.34E+08	1453435	167.648	0.561	42.01477	-94.3767
50130	1648	713	1.71E+08	1337885	65.867	0.517	42.30339	-93.6693
50131	17499	6729	56477726	8189213	21.806	3.162	41.69212	-93.7152
50132	367	174	74609258	0	28.807	0	42.39167	-93.6915
50133	567	295	1.96E+08	995705	75.665	0.384	40.71332	-94.069
50134	660	273	48427675	0	18.698	0	41.93948	-93.672
50135	1605	789	1.93E+08	2547234	74.414	0.983	41.75058	-92.8872
50136	445	216	1.01E+08	35423	38.841	0.014	41.4695	-92.2928
50138	11720	5241	4.42E+08	19606875	170.742	7.57	41.30059	-93.1052
50139	1288	560	2.29E+08	180047	88.544	0.07	41.19846	-93.3699
50140	2969	1164	2.4E+08	1964936	92.554	0.759	40.64552	-93.9863
50141	569	263	93619441	158040	36.147	0.061	41.86756	-92.9497
50142	931	398	2566675	0	0.991	0	42.00662	-92.7756
50143	600	249	92510368	447718	35.718	0.173	41.34184	-92.8047
50144	2901	1349	3.61E+08	1141463	139.562	0.441	40.73905	-93.7408
50146	438	199	75845999	0	29.284	0	41.68412	-94.243
50147	440	250	1.87E+08	114299	72.347	0.044	40.62926	-93.5537
50148	432	191	51098115	0	19.729	0	42.18131	-92.9928
50149	964	479	2.13E+08	118531	82.368	0.046	41.15047	-94.071
50150	984	420	1.48E+08	614785	57.113	0.237	41.12551	-92.9752
50151	724	362	2.05E+08	263300	79.267	0.102	41.08191	-93.5178
50153	734	309	80343018	29176	31.021	0.011	41.5739	-92.807
50154	466	202	53144166	0	20.519	0	42.17226	-93.3928
50155	255	117	78465748	35572	30.296	0.014	41.21102	-94.1994
50156	4412	1903	2.32E+08	6408279	89.698	2.474	41.89831	-93.8012
50157	762	353	1.68E+08	82897	64.983	0.032	41.73977	-92.563
50158	31591	12904	5.48E+08	576848	211.495	0.223	42.04981	-92.9007
50160	465	198	965184	0	0.373	0	41.37379	-93.7385
50161	2047	862	2.11E+08	862076	81.448	0.333	41.84815	-93.404
50162	1233	528	1.32E+08	25577	51.002	0.01	41.9283	-93.0722

50163	858	410	1230059	0	0.475	0	41.22239	-93.241
50164	652	303	1.38E+08	242529	53.279	0.094	41.49952	-94.4202
50165	49	28	6437634	0	2.486	0	40.84366	-93.2837
50166	1582	660	1.62E+08	329398	62.623	0.127	41.28271	-93.4307
50167	748	335	1.02E+08	505051	39.423	0.195	41.74288	-94.041
50168	842	367	1.05E+08	95694	40.416	0.037	41.78836	-93.2785
50169	3093	1048	1.03E+08	302211	39.798	0.117	41.65527	-93.3523
50170	2745	1226	2.28E+08	3022299	88.021	1.167	41.53003	-93.1248
50171	2923	1746	2.8E+08	1743671	108.082	0.673	41.58585	-92.5254
50173	696	290	79810281	330423	30.815	0.128	41.96466	-92.7135
50174	1429	622	2.79E+08	195449	107.538	0.075	41.03371	-93.9823
50201	8199	3559	3E+08	381708	115.858	0.147	42.04172	-93.4349
50206	526	230	1.24E+08	69394	47.92	0.027	42.24568	-93.2023
50207	2537	1090	3.66E+08	258736	141.441	0.1	41.43197	-92.6375
50208	20417	9051	4.25E+08	621979	164.257	0.24	41.71172	-93.034
50210	1691	736	1.96E+08	359707	75.833	0.139	41.19504	-93.6983
50211	11192	4330	1.46E+08	1510501	56.244	0.583	41.45531	-93.7053
50212	3131	1407	3.52E+08	567724	135.778	0.219	42.03656	-94.0662
50213	6812	2989	5.43E+08	1308300	209.525	0.505	41.03169	-93.7661
50214	850	317	1E+08	2492130	38.641	0.962	41.46993	-93.0561
50216	2824	1802	1.4E+08	5244398	54.23	2.025	41.6971	-94.3548
50217	631	323	1.79E+08	17727	68.953	0.007	42.18376	-94.2518
50218	139	70	542828	0	0.21	0	41.34835	-93.8804
50219	13939	5365	3.04E+08	13104005	117.391	5.059	41.42091	-92.8965
50220	9020	3732	2.67E+08	1474029	102.975	0.569	41.83691	-94.1232
50222	498	219	1.08E+08	17240	41.835	0.007	41.21585	-93.9596
50223	480	241	76048297	552251	29.362	0.213	42.17372	-94.0378
50225	2940	1231	2.16E+08	1193185	83.419	0.461	41.3844	-93.2689
50226	4724	1724	97069566	12804289	37.479	4.944	41.79624	-93.702
50227	40	20	966375	0	0.373	0	42.59744	-93.4279
50228	2417	987	1.8E+08	59991	69.617	0.023	41.57697	-93.242
50229	932	387	1.05E+08	259175	40.679	0.1	41.37908	-93.7751
50230	1083	524	2.24E+08	90499	86.445	0.035	42.30325	-93.4534
50231	173	79	1065168	0	0.411	0	42.23712	-93.6026
50232	537	231	86216313	546135	33.288	0.211	41.55673	-92.9697
50233	1388	641	1.31E+08	0	50.441	0	41.61288	-94.2114
50234	613	292	80969880	266213	31.263	0.103	41.8931	-93.182
50235	483	228	1.21E+08	417921	46.609	0.161	41.93178	-94.225
50236	1550	645	89328918	16604	34.49	0.006	42.16811	-93.4865
50237	3095	1134	1.43E+08	2820344	55.283	1.089	41.53391	-93.3685
50238	1182	570	3.01E+08	7441398	116.396	2.873	40.96429	-93.1672
50239	210	96	43994087	59225	16.986	0.023	42.14284	-93.203
50240	2453	997	1.97E+08	657335	76.084	0.254	41.29709	-93.7928
50242	439	201	1.07E+08	137228	41.242	0.053	41.56104	-92.6938
50243	244	103	1425493	0	0.55	0	41.87243	-93.6964
50244	1813	730	57130248	0	22.058	0	41.85753	-93.6526
50246	735	352	1.2E+08	14079	46.386	0.005	42.27458	-93.7861

50247	2515	997	2.16E+08	280365	83.278	0.108	42.01744	-93.1646
50248	4420	2004	2.11E+08	96668	81.654	0.037	42.19123	-93.6147
50249	1332	592	2.01E+08	852305	77.792	0.329	42.27533	-93.9031
50250	2330	1067	2.65E+08	140131	102.286	0.054	41.48063	-94.3464
50251	1270	536	1.05E+08	85792	40.437	0.033	41.56694	-92.8694
50252	243	96	22129285	732118	8.544	0.283	41.46628	-93.3034
50254	282	162	1.13E+08	232611	43.792	0.09	40.98752	-94.0742
50255	65	28	456756	0	0.176	0	41.4559	-92.3323
50256	501	231	70005080	806957	27.029	0.312	41.25971	-92.9053
50257	992	401	1.03E+08	0	39.883	0	41.18951	-93.8472
50258	1002	475	1.39E+08	455942	53.676	0.176	42.22414	-93.0731
50261	2211	879	1.72E+08	1660853	66.248	0.641	41.47506	-93.9159
50262	453	222	83675780	154826	32.307	0.06	40.86063	-93.8086
50263	16069	6414	89811208	191647	34.676	0.074	41.59158	-93.8736
50264	466	221	1.74E+08	21492	67.289	0.008	40.90565	-93.6975
50265	31653	14137	44379906	2086653	17.135	0.806	41.55297	-93.745
50266	23625	11409	42782812	278023	16.519	0.107	41.57034	-93.7994
50268	993	509	1.23E+08	129423	47.643	0.05	41.40441	-92.3628
50271	628	311	1.73E+08	0	66.726	0	42.48275	-93.5414
50272	152	84	1922108	0	0.742	0	41.09593	-93.2559
50273	8251	3505	5.19E+08	436436	200.285	0.169	41.32969	-94.0543
50274	398	200	1.3E+08	264250	50.153	0.102	41.38335	-94.861
50275	532	238	1.32E+08	0	50.907	0	41.03754	-93.5896
50276	2517	973	2.08E+08	1649044	80.386	0.637	41.86201	-93.9265
50277	483	232	1.04E+08	170820	40.33	0.066	41.77979	-94.3506
50278	842	381	1.39E+08	42230	53.599	0.016	42.13676	-93.2995
50309	5431	3667	7348586	427887	2.837	0.165	41.58445	-93.6208
50310	30221	13915	20861437	262109	8.055	0.101	41.62758	-93.6727
50311	15113	6364	6511832	0	2.514	0	41.60103	-93.6729
50312	15339	7923	14709325	341735	5.679	0.132	41.58268	-93.6767
50313	17376	7158	46753201	882092	18.052	0.341	41.65448	-93.6242
50314	12465	4985	6439448	190273	2.486	0.073	41.60496	-93.6312
50315	35853	15242	25951327	609004	10.02	0.235	41.54592	-93.6221
50316	16440	6439	9215176	87305	3.558	0.034	41.60863	-93.5996
50317	36207	15027	59339311	702531	22.911	0.271	41.62135	-93.5479
50319	0	0	213707	0	0.083	0	41.59091	-93.6043
50320	20027	7825	48336194	1210837	18.663	0.468	41.52794	-93.568
50321	7846	3444	30606507	362679	11.817	0.14	41.53267	-93.6625
50322	31530	13800	27877246	61021	10.763	0.024	41.63416	-93.7344
50323	10201	3637	19984131	0	7.716	0	41.62563	-93.7937
50324	4903	2319	3740280	0	1.444	0	41.60441	-93.7128
50325	15448	6081	19913279	310838	7.689	0.12	41.61324	-93.7979
50327	10467	4197	48669473	1033149	18.791	0.399	41.58632	-93.4879
50401	29837	14147	3.86E+08	1179202	149.163	0.455	43.15317	-93.1998
50420	377	188	1.17E+08	0	45.273	0	42.80416	-93.4604
50421	3032	1470	2.32E+08	481114	89.742	0.186	42.84287	-93.6186
50423	2976	1381	3.74E+08	2135683	144.491	0.825	43.11822	-93.8145

50424	1482	744	3.16E+08	0	121.952	0	43.39443	-93.9338
50426	56	27	60113	0	0.023	0	43.41548	-93.0171
50428	9384	5687	3.07E+08	9634833	118.435	3.72	43.13693	-93.3971
50430	518	266	1.61E+08	0	62.156	0	42.98156	-93.954
50431	273	113	1936776	0	0.748	0	42.73711	-93.3682
50432	252	141	1127714	0	0.435	0	43.22392	-93.798
50433	256	130	1.26E+08	0	48.606	0	42.92324	-93.0502
50434	498	217	23249292	238127	8.977	0.092	43.25749	-93.4486
50435	721	314	1.05E+08	0	40.658	0	43.15804	-92.767
50436	5848	2639	3.53E+08	1493153	136.117	0.577	43.26646	-93.6711
50438	4159	1832	3.42E+08	157787	132.231	0.061	43.1115	-93.6186
50439	289	148	84616343	89976	32.671	0.035	42.94472	-93.6263
50440	422	216	80662384	3414	31.144	0.001	43.33334	-93.0713
50441	5776	2595	3.95E+08	489337	152.577	0.189	42.74134	-93.221
50444	353	156	55947822	19090	21.602	0.007	43.29723	-93.3836
50446	548	249	1.09E+08	172633	41.968	0.067	43.34074	-93.4469
50447	1081	542	2.6E+08	1357536	100.416	0.524	42.9254	-93.7977
50448	695	330	1.6E+08	41612	61.824	0.016	43.34994	-93.2405
50449	724	359	94989415	23631	36.676	0.009	43.00249	-93.5669
50450	2897	1424	2.1E+08	4268390	81.009	1.648	43.42118	-93.5224
50451	537	274	1.65E+08	28367	63.515	0.011	43.38123	-94.0776
50452	804	369	1.27E+08	186855	49.127	0.072	42.7811	-93.3674
50453	588	271	1.14E+08	177512	44.081	0.069	43.36336	-93.6474
50454	127	62	44766360	0	17.284	0	43.38189	-92.7373
50455	450	180	84207513	0	32.513	0	43.45695	-92.6498
50456	1741	789	1.2E+08	14091	46.493	0.005	43.29133	-93.2161
50457	441	224	88503707	0	34.171	0	42.91634	-93.4936
50458	2097	910	1.91E+08	83451	73.635	0.032	43.15873	-93.012
50459	3018	1451	3.73E+08	2167305	144.138	0.837	43.45743	-93.2504
50460	364	146	93166151	0	35.972	0	43.22785	-92.6888
50461	5613	2593	4.46E+08	358141	172.247	0.138	43.30617	-92.8187
50464	673	308	61009266	0	23.556	0	43.2534	-93.0808
50465	250	127	9497218	0	3.667	0	43.48655	-93.9122
50466	1828	787	3.54E+08	265156	136.71	0.102	43.38685	-92.5384
50467	94	44	709984	0	0.274	0	43.21173	-93.0866
50468	1615	742	2.56E+08	29336	98.912	0.011	43.03221	-92.9471
50469	1574	690	2.28E+08	75970	87.955	0.029	42.99933	-93.1971
50470	275	165	62885229	0	24.28	0	42.74578	-93.5604
50471	689	316	1.1E+08	0	42.506	0	43.16657	-92.8764
50472	2394	1058	3.16E+08	694577	121.901	0.268	43.40675	-92.9353
50473	268	138	95399880	600633	36.834	0.232	43.46574	-93.6878
50475	1757	760	2.31E+08	89137	89.195	0.034	42.88055	-93.2188
50476	804	369	1.02E+08	81814	39.236	0.032	43.44681	-92.7641
50477	347	151	58455862	0	22.57	0	42.98925	-93.3271
50478	775	439	1.92E+08	66911	73.942	0.026	43.40749	-93.7836
50479	684	325	1.5E+08	0	58.018	0	42.9394	-93.4099
50480	880	461	1.62E+08	796098	62.636	0.307	43.25037	-94.0586

50482	774	438	74538658	6627465	28.78	2.559	43.1131	-93.4864
50483	781	354	1.98E+08	0	76.529	0	43.11256	-94.0009
50484	444	225	1.14E+08	180883	43.838	0.07	43.23077	-93.9156
50501	29078	12902	4.04E+08	3275560	155.962	1.265	42.49143	-94.1966
50510	1116	529	2.19E+08	630738	84.596	0.244	42.7593	-94.9856
50511	7137	3390	3.21E+08	697544	123.949	0.269	43.07404	-94.2192
50514	1452	686	2.86E+08	2196162	110.259	0.848	43.41516	-94.4724
50515	279	160	95985264	91529	37.06	0.035	43.02222	-94.8634
50516	719	305	63843690	141166	24.65	0.055	42.62501	-94.1372
50517	1051	503	1.96E+08	1659443	75.85	0.641	43.30525	-94.2342
50518	381	159	80803741	0	31.199	0	42.51491	-94.386
50519	624	305	1.42E+08	0	54.979	0	42.9017	-94.2629
50520	144	74	61318438	754489	23.675	0.291	42.80919	-94.3979
50521	104	56	3160848	0	1.22	0	42.34622	-94.1028
50522	857	373	1.76E+08	260029	67.941	0.1	43.19202	-94.1947
50523	604	285	1.09E+08	0	42.159	0	42.36799	-94.2957
50524	521	239	1.48E+08	80806	57.319	0.031	42.61685	-94.3538
50525	3583	1829	3.61E+08	2409067	139.524	0.93	42.7365	-93.7474
50527	223	124	1.42E+08	0	54.671	0	42.96499	-94.7854
50528	383	184	1.92E+08	0	74.015	0	43.13389	-94.5408
50529	837	380	1404544	40868	0.542	0.016	42.7209	-94.1988
50530	1205	545	1.67E+08	915677	64.66	0.354	42.27071	-94.0397
50531	242	158	96657746	3791548	37.32	1.464	43.45409	-94.6098
50532	873	417	1.81E+08	452595	69.987	0.175	42.46012	-94.0009
50533	4130	1898	2.59E+08	0	99.809	0	42.65193	-93.9118
50535	885	438	1.58E+08	548655	60.982	0.212	42.45319	-95.1625
50536	4541	2133	3.66E+08	3976489	141.412	1.535	43.11826	-94.7055
50538	503	263	80872053	16957	31.225	0.007	42.27405	-94.4397
50539	566	292	1.4E+08	0	53.876	0	43.23696	-94.42
50540	1022	527	2.75E+08	1103392	105.994	0.426	42.60057	-94.8401
50541	872	454	2.36E+08	1532105	91.204	0.592	42.71023	-94.4524
50542	933	456	1.73E+08	28101	66.74	0.011	42.78298	-93.9427
50543	1492	683	2.13E+08	0	82.172	0	42.2747	-94.3046
50544	515	244	75465666	0	29.137	0	42.25073	-94.1705
50545	205	99	97206312	45921	37.532	0.018	42.7974	-94.0809
50546	346	202	1.37E+08	47291	52.885	0.018	42.83769	-94.7022
50548	5869	2729	3.22E+08	1931816	124.145	0.746	42.71477	-94.2253
50551	158	91	69704315	0	26.913	0	42.47958	-94.7511
50554	1625	872	2.3E+08	2375376	88.953	0.917	42.84598	-94.8427
50556	292	152	1.01E+08	11125	39.037	0.004	43.45522	-94.1966
50557	750	388	1.29E+08	1116719	49.821	0.431	42.3608	-94.0437
50558	618	302	1.15E+08	23067	44.285	0.009	42.86128	-94.1638
50559	348	176	1.03E+08	0	39.688	0	43.20882	-94.3292
50560	590	317	2.26E+08	0	87.126	0	42.96049	-94.1078
50561	520	256	1.19E+08	94038	46.048	0.036	42.4251	-94.8505
50562	527	248	1.65E+08	0	63.745	0	42.96153	-94.6418
50563	2500	1359	2.53E+08	747600	97.518	0.289	42.52783	-94.525

50565	468	259	1.14E+08	121159	43.97	0.047	42.85709	-95.001
50566	433	206	89844358	21164	34.689	0.008	42.43777	-94.3237
50567	226	106	67115601	210796	25.913	0.081	42.52545	-95.1019
50568	1398	611	2.2E+08	158438	84.909	0.061	42.62605	-94.984
50569	836	391	54375018	514691	20.994	0.199	42.40321	-94.1342
50570	248	103	1.12E+08	48177	43.31	0.019	42.8961	-94.373
50571	394	207	1.16E+08	0	44.649	0	42.63096	-94.5787
50573	68	41	1045738	0	0.404	0	42.87676	-94.6238
50574	2181	1148	2.88E+08	0	111.249	0	42.71667	-94.6987
50575	969	515	1.63E+08	0	63.107	0	42.56034	-94.7005
50576	423	190	93051632	0	35.927	0	42.80327	-95.1753
50577	410	221	1.07E+08	0	41.29	0	42.85867	-93.977
50578	646	334	1.92E+08	85671	74.227	0.033	43.3065	-94.5496
50579	2405	1331	3.56E+08	3395688	137.346	1.311	42.39431	-94.6388
50581	996	471	2.46E+08	728961	94.979	0.281	42.843	-94.5498
50582	234	116	53208823	363628	20.544	0.14	42.79384	-94.2957
50583	2855	1469	3.05E+08	1223470	117.814	0.472	42.43272	-94.9857
50585	1176	568	1.65E+08	527069	63.616	0.204	42.91753	-95.1419
50586	307	159	91099208	22112	35.174	0.009	42.41186	-94.4256
50588	12756	4749	3.56E+08	12631881	137.592	4.877	42.65869	-95.1663
50590	879	479	2.04E+08	20388	78.75	0.008	43.40706	-94.3149
50591	320	150	73985552	0	28.566	0	42.67603	-94.0557
50593	64	31	480019	0	0.185	0	42.6572	-94.8988
50594	298	136	67103128	0	25.909	0	42.5852	-94.0401
50595	9165	4301	3.99E+08	449052	154.117	0.173	42.46142	-93.8226
50597	1293	597	2.13E+08	932096	82.359	0.36	42.97525	-94.4517
50598	912	421	1.76E+08	0	68.137	0	43.08185	-94.417
50599	380	199	1.33E+08	81058	51.342	0.031	42.57932	-93.8232
50601	2464	1194	3.68E+08	182849	142.02	0.071	42.56777	-93.0601
50602	1603	719	2.07E+08	159357	80.038	0.062	42.74141	-92.8057
50603	625	269	1.23E+08	0	47.48	0	43.18773	-92.4595
50604	1850	841	1.84E+08	92958	71.208	0.036	42.60183	-92.8965
50605	168	85	38865937	0	15.006	0	42.83176	-93.021
50606	885	435	1.84E+08	58595	71.142	0.023	42.74732	-91.6913
50607	481	213	1.23E+08	0	47.525	0	42.61055	-91.7499
50609	446	198	89198169	20429	34.44	0.008	42.22838	-92.8095
50611	392	182	78763743	0	30.411	0	42.81549	-92.909
50612	335	138	57581068	0	22.232	0	42.28345	-92.386
50613	42031	16583	3.26E+08	4074613	125.83	1.573	42.53181	-92.4875
50616	10344	4841	4.48E+08	427211	172.849	0.165	43.08043	-92.6585
50619	2410	1022	2.29E+08	1548376	88.54	0.598	42.80968	-92.6582
50620	54	27	324589	0	0.125	0	43.15843	-92.5905
50621	1530	695	1.65E+08	0	63.861	0	42.25111	-92.921
50622	3206	1290	64784180	73796	25.013	0.028	42.67271	-92.3359
50624	1743	694	1.35E+08	0	52.196	0	42.46783	-92.6587
50625	1004	477	1.58E+08	186690	60.953	0.072	42.74839	-92.9884
50626	1804	699	1.3E+08	624653	50.297	0.241	42.58705	-92.1755

50627	3456	1642	2.76E+08	765563	106.741	0.296	42.35039	-93.0939
50628	1374	602	2.89E+08	185024	111.65	0.071	43.27271	-92.394
50629	2418	969	2.05E+08	696088	79.009	0.269	42.64867	-92.0715
50630	1728	807	2.14E+08	232646	82.812	0.09	42.95768	-92.214
50632	1107	534	1.1E+08	541112	42.359	0.209	42.0616	-92.6994
50633	373	176	1.03E+08	227351	39.711	0.088	42.6718	-93.1282
50634	713	314	1007524	10728	0.389	0.004	42.41868	-92.214
50635	1602	764	2.18E+08	0	84.013	0	42.20206	-92.6993
50636	1982	970	3.12E+08	1327448	120.538	0.513	42.89501	-92.809
50638	3313	1521	2.46E+08	0	94.914	0	42.35674	-92.794
50641	2017	726	1.23E+08	209379	47.417	0.081	42.60655	-91.92
50642	581	226	83390897	13774	32.197	0.005	42.4397	-92.8165
50643	2747	1130	1.63E+08	410669	62.818	0.159	42.35793	-92.4642
50644	8648	3892	3.69E+08	3297175	142.587	1.273	42.47615	-91.8937
50645	1204	519	2.14E+08	473555	82.538	0.183	43.01955	-92.4436
50647	1894	821	77451814	1613526	29.904	0.623	42.65108	-92.4972
50648	4054	1654	2.23E+08	162774	86.12	0.063	42.45321	-92.0932
50650	737	338	1.07E+08	60302	41.196	0.023	42.61825	-91.656
50651	3578	1523	2.9E+08	4584591	111.986	1.77	42.31706	-92.1967
50652	128	67	605668	0	0.234	0	42.26429	-92.6938
50653	639	299	1.34E+08	767138	51.731	0.296	42.9686	-92.8857
50654	499	213	1.36E+08	0	52.583	0	42.4987	-91.6428
50655	873	365	90963065	88615	35.121	0.034	42.76558	-91.8917
50658	2518	1191	1.84E+08	2823857	71.148	1.09	42.96278	-92.5425
50659	5488	2490	4.04E+08	176022	155.841	0.068	43.09584	-92.3291
50660	1333	548	1E+08	29447	38.663	0.011	42.58357	-92.6315
50662	7238	3402	1.76E+08	236446	67.882	0.091	42.68866	-91.9375
50664	53	29	95350	0	0.037	0	42.70125	-92.0762
50665	2841	1274	2.53E+08	0	97.796	0	42.58036	-92.7719
50666	1027	444	1.39E+08	922703	53.797	0.356	42.87097	-92.5201
50667	795	324	5217793	0	2.015	0	42.47023	-92.2264
50668	1249	525	87460062	229510	33.769	0.089	42.69291	-92.2288
50669	2436	1128	2.4E+08	10422	92.564	0.004	42.34346	-92.6025
50670	2024	886	1.48E+08	1238410	57.025	0.478	42.69537	-92.6188
50671	269	109	57516940	16334	22.207	0.006	42.65043	-91.7958
50672	594	289	94947054	46229	36.659	0.018	42.42629	-93.0717
50673	219	80	444167	0	0.171	0	42.52495	-92.7113
50674	3555	1581	4.05E+08	3407909	156.48	1.316	42.83781	-92.1154
50675	2456	1109	2.87E+08	150772	110.845	0.058	42.19782	-92.5121
50676	2105	943	1.48E+08	921289	57.122	0.356	42.7989	-92.2802
50677	12131	4704	3.22E+08	3194003	124.322	1.233	42.76678	-92.4297
50680	1095	539	1.39E+08	0	53.546	0	42.45209	-92.923
50681	457	202	63049395	0	24.344	0	42.77762	-92.0094
50682	1572	643	2.21E+08	42764	85.305	0.017	42.45264	-91.6886
50701	30324	13837	2.11E+08	3411353	81.586	1.317	42.41826	-92.3398
50702	19970	8967	24299017	1309473	9.382	0.506	42.45771	-92.3122
50703	19863	8605	2.43E+08	2067185	93.69	0.798	42.54806	-92.2864

50707	8509	3603	25015902	345979	9.659	0.134	42.45816	-92.26
50801	9590	4533	5.41E+08	3890004	208.935	1.502	41.07857	-94.4022
50830	1743	778	3.06E+08	670811	118.127	0.259	41.0271	-94.1911
50833	2305	1142	5.33E+08	3390787	205.767	1.309	40.67055	-94.7009
50835	92	47	43864480	130304	16.936	0.05	40.7063	-94.3755
50836	457	251	2.31E+08	1676716	89.248	0.647	40.63229	-94.4975
50837	376	200	1.31E+08	225409	50.414	0.087	41.2247	-94.6924
50839	34	21	1828417	0	0.706	0	41.04966	-94.824
50840	560	267	1.3E+08	441432	50.003	0.17	40.78196	-94.4809
50841	2824	1415	6.06E+08	4759723	234.007	1.838	41.00907	-94.7688
50842	105	47	674912	0	0.261	0	41.03989	-94.4618
50843	596	281	1.96E+08	32728	75.612	0.013	41.23684	-94.8852
50845	811	348	2.84E+08	1294478	109.767	0.5	40.82149	-94.3497
50846	1123	546	2.39E+08	149017	92.17	0.058	41.30899	-94.5761
50847	87	48	836560	26548	0.323	0.01	41.14056	-94.9824
50848	378	207	1.17E+08	499460	45.259	0.193	40.78092	-94.7643
50849	2740	1338	3.03E+08	945306	117.177	0.365	41.30828	-94.3866
50851	2087	969	3.34E+08	1336397	128.911	0.516	40.90858	-94.537
50853	702	354	1.96E+08	194054	75.596	0.075	41.23684	-94.7679
50854	2303	1095	3.49E+08	2208507	134.646	0.853	40.67938	-94.2128
50857	272	140	1.31E+08	228000	50.594	0.088	40.94259	-94.881
50858	796	375	2.07E+08	220623	79.836	0.085	41.22126	-94.4097
50859	584	287	2.06E+08	205939	79.647	0.08	41.0671	-94.5973
50860	474	156	1.15E+08	634749	44.209	0.245	40.61746	-94.3479
50861	274	138	1.13E+08	644174	43.582	0.249	40.90843	-94.2559
50862	148	72	56002793	215413	21.623	0.083	40.81109	-94.6575
50863	293	139	77735238	443429	30.014	0.171	40.84778	-94.1757
50864	2057	991	3.77E+08	772047	145.511	0.298	40.97037	-94.9781
51001	2432	1086	3.61E+08	317456	139.207	0.123	42.82994	-96.5272
51002	2741	1230	2.97E+08	96991	114.692	0.037	42.68844	-95.319
51003	1700	674	1.44E+08	76283	55.713	0.029	42.98994	-95.9875
51004	1033	517	2.12E+08	831492	81.86	0.321	42.37486	-95.9153
51005	1491	675	2.44E+08	25429	94.265	0.01	42.7236	-95.4188
51006	1075	532	2.12E+08	807256	81.965	0.312	42.32079	-95.6196
51007	730	282	87318034	0	33.714	0	42.40395	-96.1871
51008	151	66	630646	0	0.243	0	42.81089	-96.2668
51009	164	82	611821	0	0.236	0	42.94436	-95.5515
51010	456	253	1.75E+08	925350	67.718	0.357	42.08615	-95.9095
51011	79	41	1275286	0	0.492	0	42.91632	-96.5145
51012	6642	3210	3.87E+08	155693	149.299	0.06	42.74414	-95.5618
51014	528	258	1.4E+08	30645	53.906	0.012	42.78764	-95.7073
51016	1378	644	2.62E+08	523403	101.302	0.202	42.47164	-95.8046
51018	404	209	94973523	144858	36.669	0.056	42.44966	-95.6808
51019	773	374	2.37E+08	279978	91.316	0.108	42.27468	-95.7357
51020	658	292	1.41E+08	17407	54.27	0.007	42.51011	-95.4135
51022	789	350	2.04E+08	0	78.797	0	42.97698	-95.85
51023	3216	1409	2.7E+08	965139	104.433	0.373	43.01866	-96.4604

51024	2070	837	2.33E+08	84098	89.824	0.032	42.61214	-96.263
51025	1989	942	2.78E+08	39513	107.477	0.015	42.49765	-95.5561
51026	862	418	2.81E+08	270533	108.481	0.104	42.25534	-96.0681
51027	1260	505	2.4E+08	23769	92.592	0.009	42.96031	-96.3222
51028	2065	914	3.29E+08	53611	126.98	0.021	42.59666	-95.9876
51029	251	125	58631884	0	22.638	0	42.88055	-95.5378
51030	1737	683	1.54E+08	101699	59.397	0.039	42.49774	-96.1883
51031	12336	5209	6.05E+08	60585	233.612	0.023	42.79855	-96.1862
51033	428	231	1.63E+08	121813	63.071	0.047	42.91263	-95.2514
51034	1820	897	2.9E+08	619521	112.069	0.239	42.16075	-95.7896
51035	1685	786	2.79E+08	0	107.714	0	42.77885	-95.7994
51036	726	254	1.14E+08	14621	44.099	0.006	42.96972	-96.1895
51037	322	163	61667480	0	23.81	0	42.82667	-95.6431
51038	1535	652	2.34E+08	44318	90.265	0.017	42.70319	-96.317
51039	2475	1021	2.23E+08	554562	85.948	0.214	42.44922	-96.0496
51040	3712	1906	3.94E+08	5550285	152.225	2.143	42.03624	-96.087
51041	6976	2369	1.84E+08	0	71.232	0	43.02606	-96.0779
51044	253	131	89676276	163307	34.624	0.063	42.30782	-95.9229
51046	1660	802	2.41E+08	166273	92.955	0.064	42.96183	-95.678
51047	646	357	1.99E+08	589102	77.023	0.227	42.94246	-95.3696
51048	554	261	86240685	0	33.298	0	42.55095	-95.8413
51049	506	245	1.13E+08	50072	43.648	0.019	42.62928	-95.6481
51050	2631	1085	3.53E+08	0	136.397	0	42.79362	-95.9459
51051	90	42	8724971	15238	3.369	0.006	42.20609	-95.965
51052	1027	448	1.56E+08	3714561	60.211	1.434	42.30823	-96.266
51053	1161	515	1.95E+08	103317	75.448	0.04	42.49502	-95.2865
51054	5110	1819	1.04E+08	2349320	40.147	0.907	42.38013	-96.3161
51055	1319	601	1.73E+08	1896488	66.717	0.732	42.22192	-96.2611
51056	478	228	88612403	319810	34.213	0.123	42.24129	-95.9564
51058	1007	532	2.15E+08	202307	82.851	0.078	42.97395	-95.4673
51060	615	322	1.56E+08	100172	60.289	0.039	42.04203	-95.6849
51061	510	242	1.21E+08	158296	46.9	0.061	42.58073	-95.7185
51062	526	247	1.44E+08	113283	55.784	0.044	42.69783	-96.535
51063	1100	484	1.6E+08	2136845	61.746	0.825	42.13916	-96.1683
51101	809	486	3050811	87953	1.178	0.034	42.49369	-96.3942
51103	17453	6410	27329577	533633	10.552	0.206	42.51709	-96.4399
51104	22104	8975	20007969	1561	7.725	0.001	42.53616	-96.4047
51105	10216	4060	15751253	74339	6.082	0.029	42.51191	-96.352
51106	26544	11008	80695546	1007236	31.157	0.389	42.4634	-96.3215
51108	5566	2263	1.16E+08	297987	44.849	0.115	42.56603	-96.3527
51109	3098	1357	46990825	2168732	18.143	0.837	42.58011	-96.4744
51111	94	56	17306992	686395	6.682	0.265	42.4185	-96.3931
51201	6193	2768	2.96E+08	83830	114.183	0.032	43.17783	-95.8661
51230	462	171	64875507	0	25.049	0	43.36033	-96.3236
51231	282	131	73029493	0	28.197	0	43.10313	-95.7422
51232	875	381	1.57E+08	54498	60.457	0.021	43.30863	-95.8127
51234	1268	482	1.29E+08	3603	49.912	0.001	43.19221	-96.0193

51235	1079	385	1.45E+08	0	55.974	0	43.29454	-96.2184
51237	1703	780	2.5E+08	12058	96.428	0.005	43.33607	-96.0008
51238	1184	484	1.19E+08	9457	45.877	0.004	43.07435	-95.8927
51239	3123	1061	1.71E+08	27377	66.211	0.011	43.20392	-96.1475
51240	1746	696	2.63E+08	296089	101.493	0.114	43.30936	-96.4584
51241	1737	691	2.33E+08	9568	89.868	0.004	43.45123	-96.4618
51242	212	80	1181066	0	0.456	0	43.44111	-96.3348
51243	807	359	1.39E+08	36358	53.746	0.014	43.43974	-95.9105
51244	79	32	778428	0	0.301	0	43.24477	-95.9356
51245	1359	638	2.03E+08	0	78.538	0	43.0747	-95.5999
51246	3844	1678	4.24E+08	39922	163.891	0.015	43.42792	-96.1682
51247	4870	1839	2.89E+08	302816	111.718	0.117	43.19375	-96.3381
51248	1857	804	2.14E+08	0	82.818	0	43.20554	-95.6579
51249	3593	1617	3.25E+08	44389	125.367	0.017	43.41123	-95.7266
51250	8249	2719	1.86E+08	227938	71.881	0.088	43.09093	-96.2058
51301	12691	6098	4.05E+08	2234108	156.259	0.863	43.15317	-95.1477
51331	1140	1506	4328713	2793797	1.671	1.079	43.36101	-95.1275
51333	522	231	1.68E+08	2834305	64.684	1.094	43.12935	-94.9995
51334	7661	3466	4.85E+08	6412989	187.402	2.476	43.40411	-94.8051
51338	1000	461	1.89E+08	713538	72.814	0.275	43.20537	-95.3188
51341	49	30	893950	0	0.345	0	43.01428	-95.0387
51342	1249	609	2.14E+08	182669	82.645	0.071	43.24788	-94.7369
51343	238	106	64797509	524496	25.018	0.203	43.01851	-95.106
51345	403	197	1.46E+08	498785	56.296	0.193	43.4077	-95.4375
51346	2451	1141	3.77E+08	55835	145.677	0.022	43.18046	-95.4595
51347	1431	763	2.19E+08	4895849	84.569	1.89	43.42243	-95.3185
51350	411	221	1.12E+08	0	43.284	0	43.31096	-95.6008
51351	4365	2802	2.73E+08	5474766	105.582	2.114	43.31506	-95.1836
51354	1096	526	2.26E+08	1201235	87.437	0.464	43.41084	-95.5413
51355	874	1262	6366547	4686146	2.458	1.809	43.38818	-95.1367
51357	728	329	1.09E+08	0	41.928	0	43.06077	-95.2806
51358	1310	767	1.89E+08	13832676	73.02	5.341	43.13153	-94.8996
51360	8031	6167	2.89E+08	46182107	111.511	17.831	43.44356	-95.087
51363	130	60	1050241	0	0.406	0	43.43369	-94.9467
51364	690	319	1.67E+08	0	64.493	0	43.29955	-94.9654
51365	453	181	52560020	5880937	20.294	2.271	43.30517	-94.7325
51366	379	198	1.64E+08	360554	63.141	0.139	42.9607	-95.003
51401	12373	5579	4.53E+08	628517	175.094	0.243	42.06566	-94.8697
51430	761	313	1.05E+08	44158	40.729	0.017	42.08226	-95.0247
51431	394	198	1.02E+08	0	39.357	0	42.34484	-95.3517
51433	676	321	1.46E+08	1121478	56.461	0.433	42.26664	-94.8753
51436	904	393	1.57E+08	18207	60.53	0.007	42.18827	-95.0236
51439	1047	507	2.23E+08	424267	86.121	0.164	42.08879	-95.5904
51440	400	160	66015871	0	25.489	0	41.91333	-94.813
51441	353	167	40168897	98018	15.509	0.038	42.11331	-95.3154
51442	9838	3614	4.48E+08	392146	173.084	0.151	42.0275	-95.3606
51443	1798	798	2.76E+08	876263	106.397	0.338	42.08188	-94.6968

51444	246	98	422230	0	0.163	0	42.00484	-94.9731
51445	2867	1400	3.27E+08	411756	126.434	0.159	42.32142	-95.4622
51446	511	267	90274738	0	34.855	0	41.77509	-95.1918
51447	228	111	90268943	0	34.853	0	41.72209	-95.196
51448	611	284	1.44E+08	32777	55.603	0.013	42.20536	-95.3098
51449	2128	1025	2.32E+08	1435439	89.386	0.554	42.26782	-94.7344
51450	1583	1193	1.53E+08	4344154	59.171	1.677	42.31646	-95.0208
51451	116	72	951902	3547	0.368	0.001	42.18408	-94.6952
51453	695	353	2.23E+08	30437	86.22	0.012	42.26972	-94.5473
51454	1346	617	2.59E+08	113184	100.078	0.044	41.87128	-95.2027
51455	2306	1066	2.87E+08	33785	110.8	0.013	41.91157	-95.0551
51458	1467	714	2.45E+08	121235	94.706	0.047	42.32637	-95.2353
51459	75	42	1355933	0	0.524	0	42.04522	-94.638
51461	1165	534	1.3E+08	96174	50.232	0.037	42.17616	-95.4853
51462	1013	506	2.79E+08	2153782	107.877	0.832	42.01438	-94.5565
51463	552	246	77535941	0	29.937	0	41.90747	-94.9127
51465	733	313	1.41E+08	21674	54.472	0.008	42.08689	-95.2007
51466	1092	483	1.33E+08	1117550	51.518	0.431	42.25717	-95.1067
51467	615	284	1.69E+08	113009	65.198	0.044	42.07266	-95.118
51501	35406	15072	62565346	6098001	24.157	2.354	41.22728	-95.8784
51503	36376	15251	3.08E+08	3790189	118.735	1.463	41.22324	-95.7845
51510	3785	1481	4841212	387357	1.869	0.15	41.28853	-95.9169
51520	233	103	48585455	0	18.759	0	41.96954	-95.4614
51521	2036	938	2.22E+08	1239037	85.724	0.478	41.48609	-95.3454
51523	357	259	1.33E+08	1827730	51.406	0.706	41.91521	-96.0677
51525	1184	520	1.57E+08	1538703	60.522	0.594	41.23377	-95.4164
51526	1753	761	1.08E+08	2946471	41.848	1.138	41.37389	-95.8718
51527	530	235	1.01E+08	21989	39.03	0.008	41.84008	-95.3364
51528	931	422	1.89E+08	582632	73.09	0.225	41.90909	-95.5011
51529	1671	798	3.33E+08	853349	128.611	0.329	41.86048	-95.6435
51530	854	364	1.4E+08	133890	54.146	0.052	41.78745	-95.4305
51531	914	383	73952439	0	28.553	0	41.58869	-95.0872
51532	622	288	1.48E+08	157304	57.009	0.061	41.13798	-95.1091
51533	895	414	2.14E+08	29760	82.476	0.011	41.03945	-95.3782
51534	9236	3545	2.6E+08	830980	100.376	0.321	41.04663	-95.7147
51535	1923	900	3.37E+08	20379	130.158	0.008	41.22646	-95.1267
51536	448	210	1.24E+08	761423	47.952	0.294	41.38689	-95.3587
51537	6703	3069	4.22E+08	759083	162.771	0.293	41.65013	-95.2975
51540	449	211	1.41E+08	658654	54.334	0.254	41.02426	-95.4989
51541	363	169	1.06E+08	410129	41.052	0.158	41.13905	-95.4159
51542	1011	417	92260796	619914	35.622	0.239	41.43152	-95.8491
51543	445	210	57402651	0	22.163	0	41.65675	-95.0759
51544	721	331	1.45E+08	104671	55.997	0.04	41.30643	-95.1141
51545	378	219	1.14E+08	2206866	43.983	0.852	41.84432	-96.0301
51546	2915	1182	2.93E+08	349623	113.113	0.135	41.63705	-95.766
51548	433	175	64393248	0	24.862	0	41.31785	-95.637
51549	465	221	84609734	90167	32.668	0.035	41.18583	-95.4667

51550	181	86	1456103	0	0.562	0	41.69214	-95.8742
51551	1828	791	2.1E+08	957138	81.019	0.37	40.99082	-95.5875
51552	301	141	91256513	0	35.234	0	41.49076	-95.1135
51553	1013	412	1.18E+08	107957	45.745	0.042	41.42445	-95.5462
51554	187	75	6840874	0	2.641	0	41.14739	-95.6818
51555	5245	2280	4.04E+08	6343466	155.905	2.449	41.5601	-95.9231
51556	437	219	1.14E+08	3108554	44.165	1.2	41.64171	-96.0293
51557	873	474	1.8E+08	897572	69.573	0.347	41.73174	-95.9976
51558	560	297	2.13E+08	258206	82.29	0.1	41.90169	-95.8706
51559	1788	748	2.2E+08	569773	85.002	0.22	41.46633	-95.6489
51560	2099	923	2.52E+08	2737717	97.357	1.057	41.31529	-95.3999
51561	1455	616	1.55E+08	4255377	59.896	1.643	41.00789	-95.8062
51562	449	204	87844180	122623	33.917	0.047	41.72507	-95.4933
51563	779	316	1.42E+08	214420	54.848	0.083	41.57068	-95.5856
51564	501	254	1.03E+08	9676	39.943	0.004	41.80959	-95.9228
51565	501	233	1.26E+08	34627	48.685	0.013	41.64295	-95.5244
51566	7035	3478	4.56E+08	1480407	176.221	0.572	41.01646	-95.2309
51570	1039	474	1.67E+08	148413	64.304	0.057	41.52688	-95.4626
51571	649	285	1.21E+08	74261	46.832	0.029	41.13692	-95.6061
51572	398	232	1.14E+08	203963	44.088	0.079	41.99314	-95.7843
51573	1093	484	1.56E+08	69715	60.264	0.027	40.97956	-95.0971
51575	1616	642	1.27E+08	25774	48.859	0.01	41.24019	-95.6022
51576	2110	769	1.3E+08	558520	50.153	0.216	41.38288	-95.7149
51577	1184	594	2.07E+08	63177	79.891	0.024	41.46361	-95.2038
51578	79	37	96684	0	0.037	0	41.71936	-95.3946
51579	2340	1051	3E+08	993021	115.996	0.383	41.75358	-95.707
51601	6025	3001	2.76E+08	292769	106.583	0.113	40.72613	-95.3496
51630	173	88	65739953	0	25.382	0	40.60102	-95.1913
51631	306	162	95638364	212938	36.926	0.082	40.59142	-95.01
51632	7297	2942	5.4E+08	377776	208.608	0.146	40.74499	-95.0493
51636	405	215	1.44E+08	0	55.767	0	40.66728	-95.2326
51637	214	91	4185566	0	1.616	0	40.62486	-95.1157
51638	1299	598	2.2E+08	457452	85.062	0.177	40.8362	-95.2799
51639	795	383	1.87E+08	110567	72.078	0.043	40.72012	-95.4664
51640	1748	848	3.1E+08	3639361	119.827	1.405	40.62349	-95.6562
51645	262	116	1.07E+08	0	41.33	0	40.88189	-95.4325
51646	763	377	1.62E+08	686028	62.633	0.265	40.74769	-94.8744
51647	141	72	49689882	0	19.185	0	40.60887	-95.3197
51648	255	123	1.27E+08	3570711	49.138	1.379	40.73948	-95.8004
51649	328	161	1.06E+08	640749	40.809	0.247	40.85041	-95.527
51650	370	180	75412280	3096366	29.117	1.196	40.66639	-95.5425
51652	1783	781	1.99E+08	1115060	76.811	0.431	40.77295	-95.6221
51653	1379	595	89310858	201674	34.483	0.078	40.87815	-95.6823
51654	526	243	1.34E+08	3406124	51.886	1.315	40.8361	-95.7785
51656	71	30	438077	0	0.169	0	40.73471	-95.1563
52001	43173	18680	67709949	7347814	26.143	2.837	42.54541	-90.6963
52002	14559	5827	74769470	0	28.869	0	42.52477	-90.7732

52003	13436	5553	1.46E+08	5935120	56.378	2.292	42.4307	-90.6697
52030	434	173	690483	0	0.267	0	42.15322	-90.5919
52031	5120	2462	4.35E+08	13380220	167.835	5.166	42.25256	-90.4864
52032	1456	828	2.72E+08	258490	105.141	0.1	42.28965	-90.8395
52033	3202	1372	2.53E+08	0	97.543	0	42.27904	-91.0013
52035	1010	468	1.39E+08	10395	53.675	0.004	42.67074	-91.1812
52037	1223	515	1.77E+08	44567	68.236	0.017	41.96724	-90.6338
52038	491	223	76144562	467431	29.4	0.18	42.58669	-91.5615
52039	1158	435	91068312	0	35.162	0	42.53914	-90.861
52040	5526	2330	1.58E+08	71347	60.88	0.028	42.50367	-91.1417
52041	1608	631	1.55E+08	26716	59.851	0.01	42.50555	-91.2614
52042	1999	763	1.61E+08	20364	62.333	0.008	42.69809	-91.3575
52043	2321	1141	2.58E+08	0	99.782	0	42.84521	-91.4192
52044	153	68	31383574	0	12.117	0	42.76902	-91.3235
52045	2589	905	1.24E+08	0	47.848	0	42.46083	-90.9375
52046	2127	815	1.19E+08	0	46.022	0	42.43836	-91.0131
52047	567	260	88304462	23661	34.095	0.009	42.96926	-91.3418
52048	333	166	85789255	0	33.123	0	42.74213	-91.2572
52049	1270	696	1.79E+08	9231770	69.175	3.564	42.88557	-91.1994
52050	515	214	83972685	55361	32.422	0.021	42.60431	-91.3299
52052	3136	1831	2.3E+08	18726685	88.909	7.23	42.74244	-91.1167
52053	1163	453	1.53E+08	1174999	59.215	0.454	42.61115	-90.9611
52054	940	371	1.38E+08	0	53.354	0	42.30565	-90.6273
52057	8222	3752	3.62E+08	590030	139.676	0.228	42.48948	-91.4559
52060	8658	3988	4.08E+08	1433257	157.685	0.553	42.10623	-90.6827
52064	847	382	1.07E+08	901301	41.174	0.348	42.09357	-90.3108
52065	1130	456	1.31E+08	21361	50.719	0.008	42.59368	-91.1087
52066	80	132	681956	0	0.263	0	42.67833	-90.9518
52068	3924	1387	1.2E+08	0	46.494	0	42.42287	-90.8172
52069	1609	708	1.33E+08	641384	51.211	0.248	42.0636	-90.4423
52070	1128	590	1.29E+08	25527115	49.764	9.856	42.0798	-90.2314
52072	381	173	87106056	0	33.632	0	42.92201	-91.3778
52073	1414	589	1.27E+08	12217596	49.192	4.717	42.62113	-90.829
52074	310	139	79898449	786454	30.849	0.304	42.11057	-90.4627
52076	2295	1031	2.53E+08	0	97.646	0	42.69982	-91.5102
52077	398	187	83704995	24155	32.319	0.009	42.821	-91.5625
52078	914	336	1.06E+08	45700	41.021	0.018	42.39578	-91.1158
52079	782	347	1.54E+08	0	59.373	0	42.28555	-90.7162
52101	13864	5570	8.04E+08	277310	310.559	0.107	43.35361	-91.7661
52132	1938	914	1.57E+08	142086	60.71	0.055	43.21116	-91.9281
52133	558	247	1.18E+08	19137	45.667	0.007	43.11014	-91.668
52134	285	159	77559488	0	29.946	0	43.46955	-92.4112
52135	864	406	67530596	31368	26.074	0.012	43.01582	-91.6632
52136	5967	2695	5.52E+08	240784	213.207	0.093	43.37408	-92.1117
52140	532	294	2.02E+08	60800	77.809	0.023	43.44564	-91.5346
52141	1435	663	2.17E+08	74045	83.732	0.029	42.93642	-91.64
52142	1871	696	1.89E+08	644278	72.853	0.249	42.82482	-91.7969

52144	1261	541	1.94E+08	0	74.95	0	43.13915	-91.9624
52146	1039	1228	2.02E+08	19446316	78.082	7.508	43.1762	-91.2057
52147	1050	488	1.88E+08	15559	72.547	0.006	42.95985	-91.9596
52151	2138	1320	3.12E+08	12772784	120.425	4.932	43.34641	-91.2648
52154	995	464	1.9E+08	68679	73.32	0.027	43.11863	-92.1669
52155	1323	597	2.75E+08	266439	106.035	0.103	43.42166	-92.2885
52156	659	290	1.1E+08	0	42.547	0	43.05251	-91.4623
52157	1828	978	1.47E+08	2749090	56.639	1.061	43.0219	-91.2403
52158	314	201	2809122	548463	1.085	0.212	43.04395	-91.1824
52159	2330	1054	1.97E+08	17395	76.11	0.007	43.07889	-91.3627
52160	867	423	1.03E+08	480892	39.854	0.186	43.45965	-91.3517
52161	1505	609	1.4E+08	0	54.172	0	43.12953	-91.7571
52162	3285	1370	2.59E+08	0	99.97	0	43.10758	-91.5516
52163	276	165	4602409	0	1.777	0	43.21977	-92.1031
52164	212	106	65222954	83451	25.183	0.032	42.85471	-91.9066
52165	1004	429	1.72E+08	260065	66.421	0.1	43.30967	-91.9945
52166	104	63	493739	0	0.191	0	43.06584	-91.9333
52168	188	89	417415	0	0.161	0	43.20548	-91.9524
52169	432	220	77075550	14088	29.759	0.005	42.86073	-91.6631
52170	599	281	1.2E+08	0	46.4	0	43.22387	-91.3052
52171	1048	469	2.06E+08	66100	79.472	0.026	43.06818	-92.0529
52172	6303	2865	4.1E+08	0	158.275	0	43.27078	-91.4844
52175	3492	1686	2.25E+08	0	86.76	0	42.99395	-91.8256
52201	1267	521	1.72E+08	137516	66.285	0.053	41.32966	-91.5471
52202	1152	437	65271185	23892	25.201	0.009	42.1595	-91.6384
52203	1932	854	1.18E+08	1489156	45.662	0.575	41.81386	-91.8916
52205	8682	3442	3.09E+08	1249997	119.188	0.483	42.11977	-91.2863
52206	2303	850	73245916	0	28.28	0	41.99158	-91.8855
52207	383	187	1.02E+08	0	39.449	0	42.09506	-90.8317
52208	3153	1524	1.5E+08	441336	58.027	0.17	41.8824	-92.2531
52209	1074	461	95203996	198598	36.758	0.077	41.90899	-92.0975
52210	697	312	90408046	54596	34.907	0.021	42.33582	-92.0014
52211	2624	1545	2.36E+08	575871	91.26	0.222	41.75389	-92.4498
52212	285	143	60780511	10057	23.467	0.004	42.1088	-91.0903
52213	4340	1679	1.93E+08	1352936	74.569	0.522	42.20185	-91.7596
52214	3090	1410	2.44E+08	3271134	94.345	1.263	42.18787	-91.5093
52215	843	367	2.24E+08	672095	86.298	0.259	41.91353	-92.4053
52216	1428	641	1.47E+08	25719	56.728	0.01	41.88649	-91.0396
52217	590	287	1.52E+08	0	58.829	0	42.07999	-92.4079
52218	1788	798	1.86E+08	1030438	71.97	0.398	42.29027	-91.5336
52219	178	78	1194124	0	0.461	0	42.23774	-91.4258
52220	237	94	1194245	0	0.461	0	41.72823	-91.9984
52221	221	99	53693011	83042	20.731	0.032	41.64093	-92.3317
52222	709	326	2.09E+08	237236	80.663	0.092	41.57641	-92.3407
52223	1351	918	1.26E+08	1806360	48.577	0.697	42.41258	-91.3244
52224	2016	878	2.56E+08	215562	98.988	0.083	42.16591	-92.2998
52225	447	205	91276214	0	35.242	0	42.01082	-92.3268

52227	2461	956	74705535	1308018	28.844	0.505	41.89447	-91.5685
52228	2772	1064	96875158	52874	37.404	0.02	41.90229	-91.7887
52229	721	314	1.27E+08	46070	49.169	0.018	42.14463	-92.1692
52231	328	148	84639740	95411	32.68	0.037	41.36166	-92.0591
52232	178	83	47498282	19164	18.339	0.007	41.80436	-92.3358
52233	6981	3298	9080084	0	3.506	0	42.04677	-91.6869
52235	698	347	5244081	12931	2.025	0.005	41.57869	-91.5316
52236	592	239	74129557	18621	28.622	0.007	41.73357	-91.8766
52237	1522	646	2.1E+08	114007	81.216	0.044	42.34438	-91.2487
52240	32230	14526	4.15E+08	1055470	160.045	0.408	41.63421	-91.4991
52241	18911	8310	30767995	103310	11.88	0.04	41.69958	-91.596
52242	1592	0	1874659	121019	0.724	0.047	41.66178	-91.5483
52245	22573	8774	21437710	275149	8.277	0.106	41.67287	-91.5122
52246	21114	10151	23555236	276773	9.095	0.107	41.65231	-91.5704
52247	5645	2161	2.06E+08	46425	79.654	0.018	41.51867	-91.7233
52248	1815	786	2.95E+08	727190	113.711	0.281	41.34577	-91.9353
52249	965	428	1.31E+08	0	50.641	0	42.01415	-92.2054
52251	590	256	1.06E+08	27088	41.047	0.01	41.71239	-92.2017
52253	3192	1266	1.2E+08	1862332	46.185	0.719	41.89535	-91.3534
52254	895	427	1.47E+08	0	56.664	0	41.9521	-90.8012
52255	1208	545	1.12E+08	0	43.401	0	41.86362	-90.9612
52257	210	96	40665450	0	15.701	0	41.92095	-92.1782
52301	3873	1773	3.16E+08	355929	122.058	0.137	41.78848	-92.0827
52302	36980	15868	1.92E+08	134722	74.171	0.052	42.06536	-91.5605
52305	629	274	73493573	0	28.376	0	42.0192	-91.3392
52306	1754	765	1.94E+08	712142	74.724	0.275	41.88709	-91.2542
52307	90	60	488234	0	0.189	0	41.79311	-91.8987
52308	132	65	233003	0	0.09	0	41.57228	-92.1587
52309	397	188	74161386	130453	28.634	0.05	42.13168	-90.8886
52310	6431	2912	3.85E+08	219776	148.635	0.085	42.22042	-91.1953
52312	115	51	242872	0	0.094	0	42.00603	-91.2459
52313	397	181	83425511	1534035	32.211	0.592	42.25738	-92.097
52314	5865	1967	1.54E+08	1540724	59.505	0.595	41.93536	-91.4477
52315	1222	515	75003645	0	28.959	0	42.00091	-91.9701
52316	1659	747	1.8E+08	147075	69.555	0.057	41.54663	-92.0956
52317	14775	6343	89861599	6035992	34.696	2.331	41.76713	-91.6345
52318	1033	450	95080335	0	36.711	0	41.88928	-91.8927
52320	1203	547	1.53E+08	1012418	59.063	0.391	41.99915	-91.1484
52321	404	197	77841390	0	30.055	0	42.14723	-90.9832
52322	2436	1045	2.31E+08	560173	89.058	0.216	41.69272	-91.7628
52323	867	435	1.32E+08	329049	50.975	0.127	41.98322	-90.9592
52324	1890	735	1.04E+08	3158631	40.115	1.22	42.06391	-91.8061
52325	873	363	1.09E+08	77376	42.111	0.03	41.58425	-91.9245
52326	547	269	5259973	187945	2.031	0.073	42.39066	-91.7558
52327	3012	1293	2.17E+08	1069677	83.606	0.413	41.47708	-91.583
52328	2826	948	7989464	0	3.085	0	42.0716	-91.6661
52329	803	341	1.32E+08	347339	50.866	0.134	42.35824	-91.8556

52330	900	362	1.23E+08	0	47.553	0	42.34945	-91.5005
52332	2006	895	1.1E+08	1076155	42.323	0.416	42.09861	-91.8883
52333	6168	2481	2.23E+08	11259238	86.199	4.347	41.80588	-91.4924
52334	311	122	43109728	0	16.645	0	41.74017	-91.9411
52335	709	322	1.45E+08	85893	55.841	0.033	41.46796	-92.0538
52336	2363	967	1.27E+08	22255	49.124	0.009	42.07052	-91.4324
52337	845	369	70714333	0	27.303	0	41.8802	-91.1421
52338	3283	1236	87438599	1384771	33.76	0.535	41.8179	-91.7075
52339	4504	1844	2.65E+08	555158	102.145	0.214	41.92794	-92.5871
52340	2180	948	42919615	20868	16.571	0.008	41.70563	-91.6768
52341	1093	450	33953650	691790	13.11	0.267	42.10285	-91.7262
52342	3274	1384	2.32E+08	297341	89.716	0.115	42.05767	-92.5475
52345	1468	548	8460118	565	3.266	0	42.24465	-91.9009
52346	1085	476	1.35E+08	0	52.064	0	42.01003	-92.0807
52347	1410	647	1.67E+08	0	64.343	0	41.71254	-92.2845
52348	51	31	2376982	0	0.918	0	41.99014	-92.3815
52349	7643	3315	3.8E+08	3039464	146.577	1.174	42.17325	-92.0096
52351	1455	490	2136430	0	0.825	0	41.87793	-91.8317
52352	2025	784	2.03E+08	1633575	78.529	0.631	42.28822	-91.7748
52353	9173	4083	3.95E+08	323079	152.516	0.125	41.29935	-91.7115
52354	379	170	76593832	0	29.573	0	41.91598	-91.9878
52355	277	136	95190631	19139	36.753	0.007	41.46062	-92.1918
52356	2656	1132	2.32E+08	0	89.733	0	41.47372	-91.8451
52358	3733	1550	2E+08	666632	77.326	0.257	41.6914	-91.3184
52359	279	129	38168572	0	14.737	0	41.35851	-91.8075
52361	4527	1992	3.3E+08	521656	127.288	0.201	41.64911	-92.0299
52362	1041	522	1.57E+08	27137	60.774	0.01	42.07899	-90.9834
52401	2017	992	3071004	393501	1.186	0.152	41.97549	-91.6592
52402	40149	17985	35684277	736540	13.778	0.284	42.02317	-91.6596
52403	23673	10728	67994207	1529536	26.253	0.591	41.96596	-91.5661
52404	37796	17495	1.42E+08	889927	54.843	0.344	41.92306	-91.6989
52405	23621	10660	37805569	687611	14.597	0.265	41.98338	-91.7464
52411	6896	2432	42589064	2045955	16.444	0.79	42.0538	-91.7292
52501	30220	13599	5.84E+08	6902331	225.636	2.665	41.03571	-92.4314
52530	1005	491	36739157	247079	14.185	0.095	40.99343	-92.2928
52531	5976	2746	5.63E+08	368319	217.275	0.142	41.02636	-92.8151
52533	1215	559	2.28E+08	182619	87.875	0.071	41.01754	-92.1571
52534	284	134	1012395	0	0.391	0	41.27195	-92.6819
52535	888	450	1.49E+08	254284	57.7	0.098	40.86294	-91.9596
52536	967	468	1.6E+08	150782	61.77	0.058	40.95747	-92.6089
52537	7098	2896	8.96E+08	3733967	346.101	1.442	40.73499	-92.4136
52540	1420	657	2.54E+08	4104687	97.907	1.585	41.15621	-91.8216
52542	435	207	1.17E+08	142493	45.183	0.055	40.61985	-92.0562
52543	291	107	53378306	19751	20.609	0.008	41.20198	-92.5127
52544	7847	3949	3.55E+08	988963	137.065	0.382	40.70664	-92.9123
52548	97	45	588295	34434	0.227	0.013	41.08584	-92.533
52549	762	328	1.13E+08	53075	43.757	0.02	40.61864	-92.9431

52550	585	287	1.01E+08	141269	38.825	0.055	41.31031	-92.3551
52551	688	357	1.49E+08	2671767	57.644	1.032	40.82477	-92.1094
52552	830	345	1.5E+08	1450714	58.082	0.56	40.82709	-92.5487
52553	1745	758	2.16E+08	2103436	83.522	0.812	41.14843	-92.6549
52554	1373	655	92616713	2089046	35.76	0.807	40.92548	-92.2275
52555	344	175	64699086	38011	24.98	0.015	40.64368	-92.8137
52556	13247	5999	4.57E+08	1280676	176.527	0.494	41.0242	-91.9275
52557	85	2	116099	0	0.045	0	41.02215	-91.9648
52560	430	200	90748254	1184300	35.038	0.457	40.85052	-92.2514
52561	962	417	90093309	79519	34.785	0.031	41.22029	-92.4523
52563	1583	733	2.99E+08	108928	115.461	0.042	41.16951	-92.2793
52565	2027	1064	3.01E+08	6809169	116.151	2.629	40.74208	-91.9345
52566	168	75	2692350	0	1.04	0	41.148	-92.5025
52567	615	274	73121919	0	28.233	0	40.93019	-92.078
52569	610	617	2.42E+08	7613001	93.266	2.939	40.98304	-93.0456
52570	954	379	1.77E+08	381961	68.439	0.147	40.68741	-92.1462
52571	1407	844	2.48E+08	28399326	95.755	10.965	40.88204	-92.8406
52572	1132	570	2.52E+08	452924	97.213	0.175	40.67049	-92.6884
52573	162	82	73619608	1010778	28.425	0.39	40.62757	-91.9288
52574	826	419	1.01E+08	8331356	39.09	3.217	40.8067	-92.9718
52576	568	263	1.17E+08	138769	45.19	0.054	41.21515	-92.1094
52577	15055	6621	4.12E+08	3957417	159.003	1.528	41.27298	-92.6616
52580	460	213	98696227	69238	38.107	0.027	41.10522	-92.0903
52581	305	178	98275489	4543215	37.944	1.754	40.80122	-93.0639
52583	342	180	1.21E+08	155287	46.549	0.06	40.79389	-93.1489
52584	438	171	58385858	165373	22.543	0.064	40.63767	-92.2482
52585	988	448	1.45E+08	748640	56.043	0.289	41.19322	-91.981
52586	521	250	1.22E+08	101027	47.262	0.039	41.34561	-92.4676
52588	134	66	26405619	481738	10.195	0.186	40.86512	-92.1704
52590	1246	505	1.94E+08	516550	74.907	0.199	40.66022	-93.125
52591	3028	1423	3.28E+08	281642	126.475	0.109	41.31664	-92.1914
52593	142	64	42464728	41148	16.396	0.016	40.77229	-92.7462
52594	399	209	1.22E+08	112662	47.056	0.043	40.83589	-92.651
52595	416	182	1193986	0	0.461	0	41.28863	-92.615
52601	29723	13740	2.87E+08	24870627	110.871	9.603	40.85605	-91.1297
52619	594	248	94003111	1319433	36.295	0.509	40.52522	-91.5639
52620	938	419	1.38E+08	1644039	53.187	0.635	40.69784	-91.7972
52621	668	299	1.09E+08	156210	42.25	0.06	41.20875	-91.5335
52623	1993	804	1.5E+08	1576161	57.863	0.609	40.86348	-91.3357
52624	290	131	1656465	0	0.64	0	40.73642	-91.3377
52625	2802	1198	2.85E+08	178897	110.065	0.069	40.66078	-91.5742
52626	1346	682	2.44E+08	3779546	94.077	1.459	40.62352	-91.7243
52627	13105	5879	1.77E+08	11772493	68.202	4.545	40.68206	-91.3576
52630	445	200	1.1E+08	70151	42.424	0.027	40.79874	-91.7115
52632	13086	6050	1.32E+08	8518800	50.947	3.289	40.43253	-91.4373
52635	675	301	1.11E+08	1108282	43.013	0.428	40.99556	-91.7586
52637	2449	1052	1.72E+08	39763	66.41	0.015	41.01754	-91.1459

52638	514	229	88053650	467658	33.998	0.181	40.80145	-91.2423
52639	2002	899	99006542	18463331	38.227	7.129	40.53271	-91.4604
52640	1447	607	1.89E+08	43999	72.819	0.017	41.10124	-91.2805
52641	12357	4925	5.49E+08	3228786	211.79	1.247	40.99242	-91.5864
52644	412	185	1.11E+08	0	42.888	0	41.04	-91.415
52645	3176	1348	1.84E+08	1297182	71.179	0.501	40.9122	-91.4042
52646	376	195	1.4E+08	14671780	54.183	5.665	41.05658	-90.9981
52647	229	105	911591	0	0.352	0	41.1351	-91.5447
52649	887	404	1.19E+08	80549	46.069	0.031	40.83857	-91.6121
52650	826	351	1.04E+08	223072	40.26	0.086	40.95121	-91.152
52651	646	293	1.57E+08	91898	60.455	0.035	40.86532	-91.8153
52653	3570	1641	2.92E+08	20541230	112.716	7.931	41.1637	-91.1574
52654	1728	719	1.36E+08	559501	52.319	0.216	41.1407	-91.6717
52655	4219	2069	42480154	84376	16.402	0.033	40.84649	-91.212
52656	2359	1054	2.47E+08	621587	95.233	0.24	40.73981	-91.4555
52657	95	35	494762	0	0.191	0	40.76783	-91.5188
52658	1071	491	1.18E+08	13425435	45.489	5.184	40.6994	-91.2297
52659	1553	671	1.6E+08	22385	61.698	0.009	41.1292	-91.441
52660	226	103	57330895	36648	22.136	0.014	40.9946	-91.2994
52701	108	43	1643828	0	0.635	0	41.98197	-90.2491
52720	861	446	1.06E+08	4439340	40.806	1.714	41.58772	-91.1734
52721	798	347	1.09E+08	0	41.969	0	41.75692	-90.9597
52722	34754	15055	68714054	4447571	26.531	1.717	41.5743	-90.4715
52726	4468	1774	93558953	1264181	36.123	0.488	41.49633	-90.7804
52727	409	165	63043506	38395	24.341	0.015	41.95479	-90.3259
52728	1110	460	4016961	1747597	1.551	0.675	41.45406	-90.7346
52729	874	380	1.09E+08	162683	41.977	0.063	41.80018	-90.7357
52730	4950	2235	94758761	6484650	36.587	2.504	41.77567	-90.3353
52731	894	379	1.37E+08	0	52.738	0	41.96698	-90.4864
52732	28293	12811	2.87E+08	23690397	110.817	9.147	41.89104	-90.253
52737	384	152	607264	0	0.234	0	41.25928	-91.3746
52738	3567	1499	3.18E+08	5065683	122.829	1.956	41.27366	-91.3785
52739	745	324	84960780	4250255	32.804	1.641	41.37517	-91.3673
52742	7618	3180	3.04E+08	536597	117.223	0.207	41.83826	-90.5197
52745	633	273	73906469	475142	28.535	0.183	41.7186	-90.7665
52746	967	400	68556073	251241	26.47	0.097	41.71646	-90.6704
52747	2106	885	56082804	11347	21.654	0.004	41.61114	-90.9054
52748	8850	3484	1.07E+08	108607	41.273	0.042	41.66574	-90.555
52749	925	326	5218220	0	2.015	0	41.34563	-91.1307
52750	619	240	77963305	472441	30.102	0.182	41.93702	-90.397
52751	1054	418	1.29E+08	212180	49.758	0.082	41.83644	-90.6798
52752	515	213	984227	0	0.38	0	41.27473	-91.1912
52753	5153	2181	64478931	4013252	24.895	1.55	41.62855	-90.3859
52754	1274	578	1.85E+08	1275885	71.325	0.493	41.34619	-91.2259
52755	1928	815	1.56E+08	1464935	60.412	0.566	41.47837	-91.438
52756	2133	857	1.11E+08	328250	42.772	0.127	41.7294	-90.5391
52757	201	86	3069924	0	1.185	0	41.80385	-90.3791

52758	199	85	1608926	136965	0.621	0.053	41.74251	-90.4373
52760	533	235	56930747	1969592	21.981	0.76	41.54866	-91.0868
52761	30678	13071	4.58E+08	24486760	177.023	9.454	41.4387	-91.064
52765	453	183	78185471	0	30.188	0	41.72547	-90.8715
52766	820	366	1.17E+08	2080925	45.298	0.803	41.46754	-91.2954
52767	349	151	1725980	1628662	0.666	0.629	41.56585	-90.4235
52768	1426	610	83537465	5943919	32.254	2.295	41.70068	-90.387
52769	671	278	1.07E+08	9774	41.203	0.004	41.6058	-90.8472
52772	5029	2279	3.4E+08	2731777	131.119	1.055	41.75517	-91.1437
52773	2380	1127	1.46E+08	67038	56.282	0.026	41.62192	-90.7528
52774	136	51	728977	0	0.281	0	41.90685	-90.5951
52776	4947	1800	2.19E+08	572685	84.597	0.221	41.57541	-91.2687
52777	1357	598	1.4E+08	0	54.034	0	41.85401	-90.8561
52778	4043	1709	2.16E+08	162565	83.325	0.063	41.60958	-90.9902
52801	1122	728	939343	420565	0.363	0.162	41.52104	-90.5748
52802	10868	4556	24767339	4527073	9.563	1.748	41.49451	-90.6372
52803	22174	10305	13273300	794735	5.125	0.307	41.53895	-90.556
52804	27379	11433	87535930	1325492	33.798	0.512	41.53242	-90.6814
52806	27503	11803	79448284	0	30.675	0	41.58969	-90.6259
52807	13470	6439	76469440	0	29.525	0	41.61068	-90.5169
53001	1901	796	76362304	713801	29.484	0.276	43.60788	-88.0552
53002	2299	931	82291114	152573	31.773	0.059	43.46395	-88.3521
53003	141	70	1213077	0	0.468	0	43.20657	-88.5097
53004	3330	1341	91486480	2291437	35.323	0.885	43.49784	-87.8756
53005	19425	7876	37737731	799143	14.571	0.309	43.0624	-88.0988
53006	1779	722	1.06E+08	532329	41.093	0.206	43.6201	-88.5336
53007	1841	925	2011956	27737	0.777	0.011	43.10845	-88.0722
53010	7681	3384	2.67E+08	6569803	102.927	2.537	43.61253	-88.272
53011	2260	1119	1.03E+08	1350336	39.636	0.521	43.65958	-88.0914
53012	18097	7432	90849848	552763	35.077	0.213	43.31473	-88.0346
53013	3308	1430	74680594	1838268	28.834	0.71	43.56532	-87.8469
53014	7962	3595	3.31E+08	2806710	127.862	1.084	44.02608	-88.1763
53015	2609	1112	1.03E+08	7266148	39.722	2.805	43.90769	-87.786
53016	384	159	1230537	527	0.475	0	43.31024	-88.7101
53017	5538	2079	45291086	645626	17.487	0.249	43.20101	-88.2514
53018	7899	2973	29831800	2565884	11.518	0.991	43.04817	-88.3905
53019	2027	808	1.03E+08	458282	39.704	0.177	43.69771	-88.3211
53020	3500	1808	1.59E+08	4187207	61.485	1.617	43.86178	-88.0114
53021	4709	1860	85738814	1101059	33.104	0.425	43.49465	-88.0093
53022	18920	7746	72232181	69044	27.889	0.027	43.23223	-88.1159
53023	1496	610	1.04E+08	1084606	40.347	0.419	43.78044	-88.1067
53024	16579	7194	70790819	4447202	27.332	1.717	43.33353	-87.9286
53027	22041	9189	2.39E+08	2980408	92.32	1.151	43.31798	-88.3725
53029	20799	8230	96259037	7259501	37.166	2.803	43.1466	-88.341
53031	43	13	23759	0	0.009	0	43.63914	-87.9156
53032	4757	2080	83465758	6347055	32.226	2.451	43.44939	-88.6259
53033	4885	1986	38020325	1010071	14.68	0.39	43.23494	-88.254

53034	1811	876	21610077	6807187	8.344	2.628	43.33017	-88.6188
53035	2406	1010	91745167	1193247	35.423	0.461	43.39064	-88.5469
53036	2720	1076	69382612	1369178	26.789	0.529	43.17966	-88.575
53037	9260	3977	59509119	212873	22.977	0.082	43.31236	-88.1632
53038	4013	1626	78228973	1138696	30.204	0.44	43.08433	-88.7877
53039	4863	1875	1.83E+08	1665243	70.836	0.643	43.36985	-88.7133
53040	8064	3280	1.69E+08	489779	65.177	0.189	43.52697	-88.191
53042	6690	3093	1.6E+08	2766124	61.674	1.068	43.95687	-87.9723
53044	2297	946	10182713	162726	3.932	0.063	43.74251	-87.7822
53045	21686	8994	37272515	515641	14.391	0.199	43.05894	-88.1528
53046	1107	517	6271233	52332	2.421	0.02	43.15725	-88.1579
53047	78	33	422653	0	0.163	0	43.25712	-88.6301
53048	3364	1469	68676703	116631	26.516	0.045	43.57379	-88.4572
53049	2451	1168	1.03E+08	291009	39.708	0.112	43.88612	-88.2886
53050	6986	3025	1.78E+08	6245913	68.548	2.412	43.51055	-88.5474
53051	35651	15159	85362174	1012151	32.959	0.391	43.15936	-88.1215
53057	1928	665	85363928	1180208	32.959	0.456	43.78899	-88.2449
53058	3243	1468	14967985	4717384	5.779	1.821	43.11224	-88.4115
53059	1767	732	81690257	1510893	31.541	0.583	43.28857	-88.5251
53061	5196	2317	1.18E+08	235038	45.742	0.091	43.94546	-88.1206
53063	1552	633	1.01E+08	3216688	39.133	1.242	43.95765	-87.7906
53065	2226	871	1.16E+08	837918	44.768	0.324	43.67978	-88.5716
53066	33830	14171	2.74E+08	23949115	105.699	9.247	43.11285	-88.49
53069	697	429	1004733	692756	0.388	0.267	43.11089	-88.435
53070	4713	2086	73783061	7157087	28.488	2.763	43.62043	-87.8071
53072	23907	10844	75600903	10773405	29.19	4.16	43.08161	-88.2708
53073	15757	6380	2.11E+08	2293621	81.465	0.886	43.75085	-87.9882
53074	12880	5692	78062591	5408408	30.14	2.088	43.41985	-87.8845
53075	3345	1409	93906611	1580584	36.258	0.61	43.56452	-87.991
53076	3648	1337	57460366	0	22.186	0	43.2684	-88.2071
53078	1912	723	87327565	627578	33.717	0.242	43.3177	-88.4662
53079	1413	655	88088853	1297035	34.011	0.501	43.81368	-88.1802
53080	5715	2378	74325266	1517956	28.697	0.586	43.40579	-87.9863
53081	43129	19696	65853648	11716930	25.426	4.524	43.71011	-87.7352
53083	20362	8675	84014243	9264829	32.438	3.577	43.81587	-87.7642
53085	11267	5127	1.84E+08	1593720	71.127	0.615	43.73282	-87.8556
53086	8255	3390	55629542	563510	21.479	0.218	43.31765	-88.2713
53088	379	200	3419771	6824	1.32	0.003	44.0705	-88.3009
53089	18568	7251	70538528	724594	27.235	0.28	43.14462	-88.2338
53090	21873	8850	1.45E+08	1502700	56.065	0.58	43.46286	-88.189
53091	2018	875	66744526	1168546	25.77	0.451	43.49962	-88.4346
53092	20024	8794	52820381	4326175	20.394	1.67	43.21496	-87.9512
53093	1981	760	51978774	551547	20.069	0.213	43.65287	-87.948
53094	19169	7584	2.32E+08	4239850	89.682	1.637	43.14332	-88.7231
53095	27139	11971	1.86E+08	5692543	71.863	2.198	43.38963	-88.158
53097	6319	1976	69821442	2143967	26.958	0.828	43.24205	-88.0098
53098	11965	5087	2.68E+08	2553473	103.314	0.986	43.25374	-88.7106

53103	3724	1418	33362731	1414543	12.881	0.546	42.88156	-88.2128
53104	5426	2301	82530339	1209579	31.865	0.467	42.54746	-88.0393
53105	29225	12424	4.08E+08	6673311	157.416	2.577	42.66322	-88.2803
53108	3329	1382	51176919	219872	19.76	0.085	42.815	-87.9433
53110	18320	8688	12349506	1855713	4.768	0.716	42.94844	-87.8608
53114	2678	1009	89869754	430918	34.699	0.166	42.59699	-88.7518
53115	15788	8320	1.84E+08	9357133	71.164	3.613	42.6566	-88.6683
53118	7202	2935	97167230	2851704	37.516	1.101	42.96249	-88.4915
53119	5608	2089	1E+08	2287925	38.641	0.883	42.89301	-88.4855
53120	9679	4350	1.5E+08	5417246	57.761	2.092	42.80913	-88.4224
53121	19045	8442	2.98E+08	5692024	115.229	2.198	42.71701	-88.5354
53122	5985	2534	8472040	47576	3.271	0.018	43.04752	-88.087
53125	1895	2599	14135069	4860895	5.458	1.877	42.55004	-88.5544
53126	6431	2495	1.35E+08	501861	52.242	0.194	42.79448	-87.9977
53128	8947	4088	65791738	3344767	25.402	1.291	42.52687	-88.3362
53129	13973	6262	13331607	22101	5.147	0.009	42.93999	-88.0009
53130	7755	3536	8317785	16322	3.212	0.006	42.94123	-88.0494
53132	34863	14025	90111017	271787	34.792	0.105	42.88388	-88.0115
53137	1702	674	83735772	32929	32.331	0.013	43.00788	-88.6691
53139	2802	1267	77640756	2246744	29.977	0.867	42.68551	-88.1208
53140	30017	13120	22383948	1728140	8.642	0.667	42.62231	-87.8288
53142	32375	12926	56052016	182877	21.642	0.071	42.51844	-87.9826
53143	23264	9609	10807605	500221	4.173	0.193	42.56131	-87.8299
53144	27256	10560	1.13E+08	36102	43.758	0.014	42.61501	-87.9225
53146	7458	2947	47507207	724452	18.343	0.28	42.97371	-88.1554
53147	16457	10241	1.84E+08	19539318	71.123	7.544	42.56592	-88.4573
53149	19057	7442	1.52E+08	6949821	58.724	2.683	42.87809	-88.3421
53150	24850	9765	86631043	11127760	33.448	4.296	42.87135	-88.1343
53151	31987	13785	45975308	396860	17.751	0.153	42.97478	-88.0986
53153	2328	875	10667911	137143	4.119	0.053	42.93447	-88.4071
53154	34451	14754	73816827	3040120	28.501	1.174	42.87869	-87.8987
53156	2992	1404	83471082	1255385	32.228	0.485	42.88987	-88.5888
53158	15917	6136	78603398	3823069	30.349	1.476	42.52436	-87.8855
53167	399	184	558002	64771	0.215	0.025	42.74455	-88.2282
53168	8643	3709	91124370	1993813	35.183	0.77	42.57507	-88.1357
53170	2380	1053	2669607	2096816	1.031	0.81	42.55084	-88.1538
53172	21156	9722	12428179	2229559	4.799	0.861	42.912	-87.8597
53177	8329	2807	70651319	121361	27.279	0.047	42.70421	-87.9329
53178	2626	1175	80761002	2765877	31.182	1.068	43.02955	-88.5968
53179	6310	2596	27865212	3462446	10.759	1.337	42.5138	-88.1306
53181	7357	3774	36131181	4062929	13.95	1.569	42.51266	-88.2433
53182	9412	3550	1.47E+08	164989	56.776	0.064	42.70239	-88.0413
53183	2815	1080	9225476	13890	3.562	0.005	43.00584	-88.3704
53184	4271	1760	75912448	191305	29.31	0.074	42.52624	-88.6054
53185	18551	7515	1.19E+08	10708740	45.917	4.135	42.79821	-88.1945
53186	33592	14339	32557513	280506	12.571	0.108	43.02216	-88.2047
53188	35195	14822	71303789	940251	27.531	0.363	43.02227	-88.2924

53189	26228	10018	1.23E+08	2552487	47.368	0.986	42.94402	-88.291
53190	19200	7469	3.48E+08	5265749	134.295	2.033	42.80777	-88.7362
53191	2842	2133	10044201	2186351	3.878	0.844	42.57992	-88.5447
53192	217	102	2808188	114734	1.084	0.044	42.50259	-88.1842
53195	114	47	841628	0	0.325	0	42.51399	-88.4902
53202	23386	16804	5267236	2855825	2.034	1.103	43.04512	-87.8919
53203	938	708	1156887	62379	0.447	0.024	43.0381	-87.9167
53204	42355	14477	8503810	224507	3.283	0.087	43.01859	-87.9261
53205	10050	4005	3657413	0	1.412	0	43.05346	-87.9338
53206	28210	11625	6971563	0	2.692	0	43.07513	-87.9337
53207	35149	17038	25461406	4193118	9.831	1.619	42.97739	-87.8989
53208	31133	14410	10107676	38422	3.903	0.015	43.04707	-87.9672
53209	46917	20706	28207403	182486	10.891	0.07	43.12778	-87.9495
53210	28126	11403	6591578	0	2.545	0	43.06884	-87.9738
53211	35406	16474	10101822	1921659	3.9	0.742	43.08241	-87.8814
53212	30416	14833	10491872	280380	4.051	0.108	43.07386	-87.9086
53213	26020	12233	10445577	0	4.033	0	43.0488	-88.0015
53214	34725	16929	18835092	14646	7.272	0.006	43.02033	-88.0129
53215	60953	21135	14658668	31918	5.66	0.012	42.99926	-87.9431
53216	32264	13913	12012155	0	4.638	0	43.08639	-87.9764
53217	29192	12544	36701601	6241954	14.171	2.41	43.1573	-87.9133
53218	40625	15347	15217503	17008	5.876	0.007	43.11372	-87.993
53219	33880	16144	12812754	15790	4.947	0.006	42.99518	-87.9937
53220	26303	12383	14337480	0	5.536	0	42.9652	-87.9914
53221	37701	16596	23848404	37481	9.208	0.014	42.95391	-87.9433
53222	25165	11748	14347675	9179	5.54	0.004	43.08321	-88.036
53223	29230	13213	26365824	178993	10.18	0.069	43.16346	-87.9905
53224	21284	8477	25425329	2425	9.817	0.001	43.16333	-88.0397
53225	25706	10501	17815378	13463	6.879	0.005	43.11515	-88.0429
53226	18370	8514	17820887	400	6.881	0	43.04901	-88.0422
53227	23357	11533	13185622	30353	5.091	0.012	42.99581	-88.042
53228	14369	6628	13468635	14778	5.2	0.006	42.96905	-88.0432
53233	16453	5990	4380569	0	1.691	0	43.03692	-87.9338
53235	9270	4794	6575661	1796308	2.539	0.694	42.97311	-87.8679
53295	359	1	606085	0	0.234	0	43.02248	-87.9761
53402	33174	14195	53036033	12763143	20.477	4.928	42.79589	-87.8165
53403	27432	11875	24695446	9716642	9.535	3.752	42.68419	-87.8155
53404	15658	6225	11534160	440291	4.453	0.17	42.75405	-87.8113
53405	25193	10997	16853150	313702	6.507	0.121	42.72692	-87.8302
53406	25845	11577	42921587	210364	16.572	0.081	42.73454	-87.8649
53501	23	9	168878	0	0.065	0	42.60621	-89.0655
53502	2421	1079	1.33E+08	328308	51.197	0.127	42.73041	-89.4381
53503	1947	868	1.46E+08	3918944	56.412	1.513	43.14298	-89.9575
53504	2084	940	2.36E+08	2052068	91.24	0.792	42.70352	-89.8603
53505	354	151	47697268	2673	18.416	0.001	42.66104	-88.8209
53506	1125	630	1.64E+08	4783690	63.301	1.847	43.15939	-90.2812
53507	2196	886	1.63E+08	63154	62.929	0.024	42.99543	-89.8965

53508	5262	2151	1.8E+08	1018989	69.453	0.393	42.86568	-89.5735
53510	1482	620	1.09E+08	249522	42.037	0.096	42.74536	-90.3052
53511	48929	20241	2.86E+08	3571903	110.494	1.379	42.5541	-89.0945
53515	2268	980	96023386	144679	37.075	0.056	43.11502	-89.7393
53516	2152	971	2.16E+08	55767	83.217	0.022	42.79664	-89.8736
53517	1752	714	1.15E+08	298	44.307	0	43.05698	-89.8323
53518	1330	753	1.94E+08	8466809	74.946	3.269	43.24099	-90.5951
53520	6810	2894	3.18E+08	1919425	122.911	0.741	42.59682	-89.3527
53521	3656	1429	1.59E+08	484675	61.235	0.187	42.83811	-89.4003
53522	1085	485	1E+08	365790	38.735	0.141	42.55691	-89.7835
53523	4949	2389	1.26E+08	3215048	48.473	1.241	42.98437	-89.0289
53525	4052	1598	1.45E+08	389069	55.847	0.15	42.54454	-88.8587
53526	565	249	21100011	0	8.147	0	42.97405	-90.3436
53527	9963	3739	93091922	82350	35.943	0.032	43.05136	-89.1923
53528	5734	2342	1.21E+08	911419	46.783	0.352	43.1183	-89.638
53529	2031	762	94687859	638305	36.559	0.246	43.24258	-89.5147
53530	4566	1927	3.46E+08	0	133.485	0	42.69383	-90.1059
53531	4338	1639	1.1E+08	196322	42.319	0.076	43.06222	-89.1024
53532	13606	5335	1.4E+08	815052	54.112	0.315	43.25009	-89.3262
53533	7276	3199	3.73E+08	940385	143.885	0.363	42.99502	-90.1589
53534	11512	5492	2.11E+08	8005809	81.306	3.091	42.86082	-89.0933
53536	8503	3456	2.45E+08	1102239	94.563	0.426	42.76145	-89.2679
53537	781	317	2263842	0	0.874	0	42.67242	-89.2103
53538	18468	8154	2.57E+08	24474060	99.219	9.449	42.92005	-88.8572
53540	169	81	3546448	0	1.369	0	43.22926	-90.2849
53541	861	406	1.6E+08	0	61.922	0	42.56614	-90.0294
53543	1641	744	2.06E+08	860645	79.492	0.332	43.05396	-90.3519
53544	800	351	1.04E+08	17224	40	0.007	42.87756	-89.9057
53545	23117	10484	64169107	1101354	24.776	0.425	42.73889	-89.0403
53546	30648	13110	2.14E+08	995767	82.648	0.384	42.65224	-88.9482
53548	18558	8042	1.85E+08	1943470	71.443	0.75	42.68299	-89.1247
53549	10414	4365	1.81E+08	2581235	69.879	0.997	42.98451	-88.7656
53550	1239	481	1.24E+08	18544	47.919	0.007	42.55257	-89.4943
53551	8273	3908	1.09E+08	6317743	42.229	2.439	43.08182	-88.9157
53553	624	266	22579552	0	8.718	0	42.90783	-90.3022
53554	1134	443	1.21E+08	13077	46.784	0.005	42.90866	-90.4407
53555	8465	4127	2.07E+08	17800230	79.745	6.873	43.32014	-89.5558
53556	2594	1202	1.21E+08	2638664	46.541	1.019	43.2382	-90.2453
53557	482	226	14609734	459100	5.641	0.177	43.33895	-88.7977
53558	10742	4438	44923981	2624650	17.345	1.013	42.99717	-89.2755
53559	6063	2350	1.65E+08	1707465	63.664	0.659	43.16558	-89.0819
53560	3458	1519	1.53E+08	2147738	58.942	0.829	43.19226	-89.7377
53561	1618	1161	93403954	9061437	36.063	3.499	43.39495	-89.6386
53562	23627	11053	82448717	447267	31.834	0.173	43.11598	-89.5436
53563	10728	4517	1.67E+08	24113209	64.6	9.31	42.8045	-88.916
53565	4765	2183	4.74E+08	280095	182.873	0.108	42.83336	-90.1658
53566	15217	6808	3.99E+08	37862	154.202	0.015	42.60778	-89.6499

53569	1155	493	1.14E+08	28604	44.155	0.011	42.98903	-90.439
53570	2627	1139	1.86E+08	41694	71.943	0.016	42.7372	-89.6199
53571	280	115	1051935	0	0.406	0	43.278	-89.3532
53572	9970	4010	2.7E+08	51217	104.062	0.02	42.9611	-89.7336
53573	3062	1582	2.82E+08	1849845	108.89	0.714	43.18751	-90.4591
53574	3877	1574	1.07E+08	0	41.38	0	42.81652	-89.6502
53575	15494	5933	1.42E+08	1394787	54.643	0.539	42.93306	-89.3906
53576	2319	947	81096378	165368	31.311	0.064	42.62568	-89.2332
53577	1371	620	1.19E+08	91844	45.927	0.035	43.31161	-90.0643
53578	5924	2535	1.27E+08	2945979	49.226	1.137	43.32744	-89.7755
53579	1760	771	1.11E+08	1940239	42.808	0.749	43.29598	-88.8677
53580	564	241	53534640	0	20.67	0	42.85981	-90.378
53581	10699	5144	6.17E+08	278455	238.059	0.108	43.37246	-90.4141
53582	1079	505	88614884	60788	34.214	0.023	43.01838	-89.9788
53583	5747	2490	1.97E+08	9401521	76.227	3.63	43.25053	-89.8045
53585	2215	957	70635598	0	27.273	0	42.52962	-88.7156
53586	2284	1001	2.6E+08	0	100.433	0	42.57309	-90.2267
53587	1290	553	1.5E+08	91696	57.839	0.035	42.58031	-89.9041
53588	4077	1974	3.55E+08	10318278	137.192	3.984	43.19374	-90.0863
53589	19427	8422	2.18E+08	15824834	84.269	6.11	42.92456	-89.2129
53590	36294	14934	1.73E+08	804244	66.765	0.311	43.20024	-89.2052
53593	19225	7858	1.86E+08	645557	71.903	0.249	42.9852	-89.5793
53594	5144	2151	1.83E+08	1540252	70.675	0.595	43.19085	-88.9738
53597	16844	6518	1.34E+08	876093	51.817	0.338	43.18343	-89.4573
53598	2511	1030	8931319	88803	3.448	0.034	43.21012	-89.3383
53599	69	38	624263	33335	0.241	0.013	42.64731	-89.8572
53702	50	32	43101	0	0.017	0	43.06093	-88.2306
53703	27958	15128	4713532	76610	1.82	0.03	43.07958	-89.3784
53704	44034	21500	58035117	2068513	22.407	0.799	43.13627	-89.3473
53705	23494	12224	17049538	63468	6.583	0.025	43.07401	-89.4605
53706	5133	56	1369089	3186	0.529	0.001	43.0744	-89.4115
53711	45728	20074	66094206	8985625	25.519	3.469	43.00961	-89.4177
53713	22146	10193	27016328	2509519	10.431	0.969	43.03616	-89.3871
53714	16463	7391	11936833	67490	4.609	0.026	43.10035	-89.312
53715	12136	4893	3133142	503	1.21	0	43.06849	-89.4017
53716	18419	8584	17028548	160125	6.575	0.062	43.06516	-89.3138
53717	11962	6082	9449002	44280	3.648	0.017	43.07434	-89.5199
53718	11753	5581	51972443	66687	20.067	0.026	43.09315	-89.2766
53719	28487	13330	26135370	245636	10.091	0.095	43.04531	-89.5154
53726	5177	2339	1287131	0	0.497	0	43.06985	-89.4225
53792	0	0	52522	0	0.02	0	43.07753	-89.4307
53801	878	779	1.53E+08	16987976	59.145	6.559	42.92482	-91.0746
53802	58	33	2465314	0	0.952	0	42.80579	-90.8886
53803	1306	575	31769359	0	12.266	0	42.55951	-90.3536
53804	1372	568	1.31E+08	0	50.625	0	42.87493	-90.9079
53805	5269	2304	3.6E+08	5219395	139.106	2.015	43.14353	-90.6873
53806	1831	1020	1.8E+08	18388647	69.407	7.1	42.7299	-90.9199

53807	4843	1970	2.76E+08	136167	106.629	0.053	42.61684	-90.4727
53808	1049	467	2197115	0	0.848	0	42.62631	-90.5931
53809	4120	1749	2.62E+08	0	101.285	0	42.99377	-90.6337
53810	429	206	95444956	3308369	36.852	1.277	42.82079	-91.0019
53811	3371	1333	1.26E+08	6031179	48.511	2.329	42.53357	-90.5
53813	6075	2624	3.83E+08	28412	147.74	0.011	42.84423	-90.7212
53816	810	367	1.56E+08	0	60.336	0	42.97885	-90.8544
53817	205	95	4036955	0	1.559	0	42.94508	-90.9677
53818	15091	5329	3.98E+08	49176	153.501	0.019	42.74566	-90.4925
53820	2532	1123	2.33E+08	38011512	89.946	14.676	42.69513	-90.7089
53821	8456	4131	2.68E+08	15958623	103.502	6.162	43.04908	-91.0573
53825	487	188	79870364	0	30.838	0	42.91823	-90.5906
53826	1332	616	1.85E+08	2546600	71.51	0.983	43.11342	-90.9186
53827	292	151	87982847	1962336	33.97	0.758	43.04587	-90.8205
53901	14445	6666	3.68E+08	23979629	141.962	9.259	43.56148	-89.4829
53910	3508	2097	1.59E+08	1047997	61.501	0.405	43.88672	-89.8078
53911	1351	573	92488199	819551	35.71	0.316	43.32582	-89.3675
53913	19881	9424	3.41E+08	9914104	131.49	3.828	43.49284	-89.7287
53916	22507	10150	2.6E+08	26022639	100.467	10.047	43.4668	-88.8678
53919	2629	1028	1.78E+08	897826	68.793	0.347	43.73386	-88.776
53920	414	348	20544527	3905227	7.932	1.508	43.66551	-89.5949
53922	1036	432	1.19E+08	1917716	45.788	0.74	43.52093	-88.7151
53923	2098	848	2E+08	1449994	77.262	0.56	43.57414	-89.1384
53924	1360	664	1.81E+08	245633	69.923	0.095	43.48341	-90.2617
53925	7781	3426	3.25E+08	1937939	125.529	0.748	43.32671	-89.0571
53926	1628	544	1.25E+08	2070133	48.406	0.799	43.66688	-89.2228
53928	128	49	725604	878	0.28	0	43.42706	-89.1568
53929	2782	1321	2.07E+08	133053	79.951	0.051	43.75142	-90.2836
53930	1285	561	1.04E+08	1261109	40.302	0.487	43.69169	-89.4868
53931	237	106	2189077	42169	0.845	0.016	43.74359	-88.8613
53932	2573	1042	96127628	1502105	37.115	0.58	43.42236	-89.0553
53933	4117	1699	96515090	15056841	37.265	5.813	43.58401	-88.8753
53934	4396	4051	3.12E+08	20459013	120.461	7.899	43.98828	-89.8202
53935	307	122	2591802	28957	1.001	0.011	43.58763	-89.0656
53936	1610	1116	1.53E+08	455828	59.265	0.176	43.86889	-89.7073
53937	1053	428	1.33E+08	523282	51.369	0.202	43.38692	-90.1454
53939	244	119	1413802	551678	0.546	0.213	43.69043	-89.1306
53941	2932	1940	1.81E+08	4894232	69.807	1.89	43.57001	-90.1611
53943	1065	453	1.26E+08	356597	48.805	0.138	43.38682	-90.0353
53944	2224	1244	2.01E+08	5135403	77.623	1.983	43.68589	-89.9287
53946	4386	2595	3.27E+08	33783469	126.388	13.044	43.71245	-89.0208
53947	137	159	668068	0	0.258	0	43.74678	-89.1399
53948	8414	4294	3.81E+08	8241773	147.25	3.182	43.77656	-90.0402
53949	6011	4181	4.4E+08	15377302	169.722	5.937	43.7832	-89.336
53950	5449	2875	2.67E+08	9203254	103.163	3.553	43.90114	-90.1378
53951	2601	1139	1.9E+08	1577269	73.221	0.609	43.38789	-89.8763
53952	4377	2247	2.45E+08	2991399	94.614	1.155	43.7832	-89.5974

53953	282	158	6425479	0	2.481	0	43.77254	-89.4683
53954	6926	3042	2.05E+08	7045758	79.27	2.72	43.55149	-89.3139
53955	5692	2825	1.92E+08	14481780	73.955	5.591	43.40661	-89.4166
53956	3397	1409	2.03E+08	2075907	78.561	0.802	43.54212	-89.0172
53959	13384	5828	2.86E+08	2238128	110.451	0.864	43.5335	-89.9996
53960	3268	1451	2.34E+08	5164227	90.433	1.994	43.42612	-89.2354
53961	837	354	62082319	966877	23.97	0.373	43.45762	-89.9276
53963	13910	4674	2.17E+08	3895352	83.778	1.504	43.63947	-88.7433
53964	3604	2122	2.93E+08	1943489	113.196	0.75	43.91258	-89.5125
53965	10398	6641	4.38E+08	12495529	169.266	4.825	43.67142	-89.7481
53968	2329	1111	1.87E+08	304059	72.038	0.117	43.64612	-90.2279
53969	419	155	2394590	353481	0.925	0.136	43.49322	-89.3012
54001	8155	4254	3E+08	17390925	115.782	6.715	45.33433	-92.3866
54002	6278	2590	1.96E+08	774051	75.585	0.299	44.96267	-92.3711
54003	1013	411	75035722	180664	28.971	0.07	44.79614	-92.4401
54004	2317	1066	2.18E+08	2170808	84.037	0.838	45.30222	-92.1252
54005	3056	1301	2.06E+08	1117668	79.594	0.432	45.23612	-92.2275
54006	743	374	70418436	3393164	27.189	1.31	45.5907	-92.6467
54007	1188	497	1.22E+08	1065192	47.179	0.411	45.19033	-92.3529
54009	2509	1095	83503714	5779657	32.241	2.232	45.35252	-92.5778
54010	50	35	35434	0	0.014	0	44.73432	-92.4656
54011	6819	2812	2.67E+08	545140	102.902	0.21	44.7183	-92.4646
54013	3475	1419	2.63E+08	970572	101.475	0.375	45.08295	-92.2282
54014	2232	976	1.12E+08	9500467	43.333	3.668	44.64872	-92.5727
54015	3586	1341	97888242	115907	37.795	0.045	44.97188	-92.465
54016	30108	11892	1.77E+08	15199936	68.192	5.869	44.98112	-92.6949
54017	16743	6899	3.58E+08	6783770	138.392	2.619	45.12005	-92.5198
54020	7260	3218	1.96E+08	7004728	75.681	2.705	45.27485	-92.6418
54021	6622	2674	1.15E+08	5300565	44.536	2.047	44.73417	-92.7063
54022	22358	8281	3.63E+08	4287174	140.343	1.655	44.84747	-92.6069
54023	3833	1503	1.07E+08	786755	41.305	0.304	44.98177	-92.5547
54024	4811	2640	2.18E+08	7615905	84.309	2.941	45.5017	-92.6407
54025	6864	2692	1.26E+08	4086113	48.6	1.578	45.144	-92.6887
54026	1809	904	71841349	5345887	27.738	2.064	45.22768	-92.535
54027	989	410	77441741	3750	29.9	0.001	44.91937	-92.1928
54028	2493	1025	1.07E+08	474441	41.269	0.183	44.95503	-92.2836
54082	1696	689	35073138	1672394	13.542	0.646	45.06804	-92.7494
54101	2751	1142	1.37E+08	90613	52.976	0.035	44.78579	-88.0751
54102	875	1454	2.55E+08	4778698	98.362	1.845	45.50106	-87.9783
54103	418	554	1.93E+08	2045276	74.63	0.79	45.6364	-88.5208
54104	1051	2540	5.27E+08	5916442	203.547	2.284	45.44863	-88.283
54106	4997	1984	2.37E+08	602092	91.61	0.232	44.48546	-88.4566
54107	3727	1512	1.91E+08	909780	73.67	0.351	44.6988	-88.457
54110	5338	2201	1.67E+08	1751953	64.591	0.676	44.18769	-88.0751
54111	2132	1165	1.37E+08	5139773	52.74	1.984	44.81234	-88.3805
54112	2284	1124	1.63E+08	1382640	62.782	0.534	45.05473	-88.0546
54113	3325	1263	4488252	453353	1.733	0.175	44.26426	-88.3067

54114	5178	6352	6.36E+08	25279319	245.493	9.76	45.24601	-88.1092
54115	41178	16552	3.25E+08	5799520	125.57	2.239	44.39798	-88.0963
54119	1083	850	2.43E+08	2448212	93.745	0.945	45.60746	-88.1597
54120	245	647	2.53E+08	2576530	97.752	0.995	45.8034	-88.5694
54121	2982	3139	6.77E+08	15004908	261.481	5.793	45.86777	-88.3214
54123	238	100	1296913	2890	0.501	0.001	44.21163	-88.1425
54124	3881	1978	2.44E+08	6278159	94.139	2.424	44.90802	-88.3452
54125	519	576	1.92E+08	2832249	74.08	1.094	45.58668	-88.3833
54126	3625	1393	1.97E+08	335327	76.027	0.129	44.29191	-88.0507
54127	76	35	218662	0	0.084	0	44.7964	-88.2696
54128	1778	949	1.34E+08	2664716	51.828	1.029	44.8691	-88.8043
54129	3477	1455	1.87E+08	835588	72.364	0.323	44.13158	-88.1942
54130	25108	10256	2.07E+08	2884501	79.738	1.114	44.31131	-88.2443
54135	3096	1786	2.08E+08	8993523	80.43	3.472	44.92738	-88.6079
54136	6406	2845	5356067	403643	2.068	0.156	44.26822	-88.3385
54137	1115	458	67760383	0	26.162	0	44.75681	-88.255
54138	821	1436	1.89E+08	3841946	72.944	1.483	45.33362	-88.409
54139	3096	1375	2.48E+08	939560	95.779	0.363	44.95684	-88.0755
54140	8533	3580	8204898	533784	3.168	0.206	44.28652	-88.3092
54141	2549	1141	67413952	12641520	26.029	4.881	44.72858	-87.9983
54143	15225	7404	1.76E+08	15929754	67.782	6.151	45.0762	-87.6989
54149	1184	1960	3.24E+08	6186589	125.281	2.389	45.19648	-88.4624
54150	1037	329	44368437	1078598	17.131	0.416	44.99764	-88.8538
54151	3556	2017	3.12E+08	5528244	120.645	2.134	45.72544	-87.9882
54153	7252	3415	2.62E+08	14464011	101.18	5.585	44.89808	-87.916
54154	5548	2483	2.16E+08	2436980	83.328	0.941	44.87369	-88.1821
54155	5451	1927	89029134	142244	34.374	0.055	44.5275	-88.2005
54156	1535	2024	3.53E+08	4896956	136.345	1.891	45.62871	-88.0245
54157	5986	2767	2.3E+08	7478898	88.685	2.888	45.04058	-87.8214
54159	1434	818	1.63E+08	919571	63.027	0.355	45.19336	-87.8389
54160	253	99	1176346	35845	0.454	0.014	44.12105	-88.1001
54161	2696	2246	3.22E+08	10247264	124.447	3.956	45.12221	-88.1624
54162	9065	3538	2.95E+08	247645	114.04	0.096	44.66254	-88.2709
54165	7539	3071	2.42E+08	118997	93.4	0.046	44.5166	-88.3218
54166	17002	8992	3.66E+08	28081643	141.295	10.842	44.7788	-88.6345
54169	2600	987	8845985	149178	3.415	0.058	44.17669	-88.2807
54170	3730	1584	2.96E+08	6846865	114.349	2.644	44.53616	-88.5772
54171	3362	1222	60022168	14378	23.175	0.006	44.71523	-88.0965
54173	4095	1609	36473799	617762	14.083	0.239	44.63909	-88.0305
54174	3013	2438	4.95E+08	6900942	191.057	2.664	45.03691	-88.4244
54175	1018	1920	1.41E+08	10970694	54.248	4.236	45.30901	-88.623
54177	2898	2909	4.45E+08	14383293	171.924	5.553	45.38482	-87.883
54180	2861	1103	10622464	636240	4.101	0.246	44.32633	-88.1739
54201	5345	2795	1.94E+08	5256363	74.902	2.029	44.62433	-87.4957
54202	1240	1711	1.07E+08	5645395	41.5	2.18	45.0873	-87.14
54204	1819	1025	1.23E+08	40417	47.609	0.016	44.75549	-87.6053
54205	2177	850	1.07E+08	17898	41.238	0.007	44.5962	-87.6324

54207	176	69	2561063	1212	0.989	0	44.08763	-87.989
54208	6061	2526	2.65E+08	2571966	102.343	0.993	44.36357	-87.7996
54209	1195	2175	1.02E+08	2191584	39.381	0.846	45.01795	-87.2704
54210	897	1326	69091012	8675942	26.676	3.35	45.24646	-87.0362
54211	277	647	9181966	966	3.545	0	45.16036	-87.1664
54212	997	1582	85277348	2251048	32.926	0.869	45.10978	-87.209
54213	1276	580	94962292	594564	36.665	0.23	44.69518	-87.5283
54214	334	149	737784	0	0.285	0	44.19754	-87.713
54216	6276	2904	2.81E+08	14739946	108.339	5.691	44.4386	-87.5699
54217	7405	3207	2.92E+08	3020556	112.869	1.166	44.55221	-87.72
54220	40220	18674	2.55E+08	13769290	98.627	5.316	44.10181	-87.7227
54227	1568	631	81071338	608279	31.302	0.235	44.2795	-87.8079
54228	2682	1196	1.04E+08	615443	40.213	0.238	44.269	-87.6529
54229	4306	1657	1.06E+08	29435	41.038	0.011	44.56006	-87.8155
54230	4782	1939	2.84E+08	2676395	109.801	1.033	44.16023	-87.9159
54232	779	344	1931152	58738	0.746	0.023	44.00684	-87.924
54234	1614	2247	62257236	18873	24.038	0.007	45.18196	-87.1015
54235	17203	11255	4.98E+08	36394603	192.154	14.052	44.84088	-87.3728
54241	14884	7109	1.72E+08	15130164	66.266	5.842	44.21587	-87.5947
54245	2259	1026	1.05E+08	1420973	40.559	0.549	44.03092	-87.8981
54246	708	1015	65998149	270410	25.482	0.104	45.37316	-86.8994
54247	2339	979	88084091	497144	34.009	0.192	44.19997	-87.7901
54301	22742	10348	16971584	1869357	6.553	0.722	44.48078	-88.0161
54302	30611	13438	24737298	686281	9.551	0.265	44.50765	-87.9768
54303	27041	12747	28322639	607109	10.935	0.234	44.53807	-88.0488
54304	28153	13146	30361862	1662445	11.723	0.642	44.4935	-88.0685
54307	1092	0	188932	0	0.073	0	44.47036	-88.0367
54311	33580	13304	1.66E+08	547283	64.101	0.211	44.47989	-87.8922
54313	35897	13769	1.54E+08	3115082	59.6	1.203	44.58636	-88.1152
54401	30702	13899	2.16E+08	5039470	83.274	1.946	44.9633	-89.7041
54403	24272	10754	3.46E+08	2829976	133.774	1.093	45.01842	-89.5252
54405	3032	1205	77477291	13537	29.914	0.005	44.96702	-90.2872
54406	3469	1480	1.74E+08	1439080	67.069	0.556	44.41222	-89.3049
54407	1515	720	1.22E+08	2917242	46.988	1.126	44.53218	-89.2818
54408	1068	467	1.15E+08	528529	44.489	0.204	45.02558	-89.324
54409	13238	6192	5.5E+08	3083378	212.181	1.19	45.1222	-89.1708
54410	2392	907	1.72E+08	40534	66.358	0.016	44.54229	-90.0305
54411	5406	2041	4.93E+08	38895	190.17	0.015	45.06256	-90.0334
54412	2181	919	1.87E+08	6082457	72.314	2.348	44.66327	-89.9742
54413	191	144	81215896	902276	31.358	0.348	44.28402	-90.1313
54414	3404	1555	3.34E+08	1414029	128.81	0.546	44.95967	-89.1769
54416	1684	857	2.15E+08	426552	82.992	0.165	44.87773	-88.9477
54417	46	22	804780	184415	0.311	0.071	45.02662	-89.6537
54418	1080	548	3.02E+08	2362001	116.75	0.912	45.22063	-88.9403
54420	1307	485	99622861	365728	38.465	0.141	44.61008	-90.3507
54421	3455	1316	1.83E+08	269017	70.835	0.104	44.89519	-90.2887
54422	1209	411	1E+08	221490	38.774	0.086	44.98589	-90.4575

54423	2343	939	1.38E+08	1697373	53.421	0.655	44.58528	-89.4217
54424	1651	1358	4.25E+08	10783478	164.195	4.164	45.28666	-89.1922
54425	2036	822	1.14E+08	320127	44.088	0.124	45.00684	-90.3412
54426	4479	1717	2.81E+08	505551	108.345	0.195	44.90747	-90.0098
54427	1099	494	1.16E+08	559611	44.851	0.216	44.81722	-89.2583
54428	1127	1405	1.69E+08	10898593	65.256	4.208	45.42117	-89.1357
54430	135	82	12610069	307953	4.869	0.119	45.14766	-88.8731
54433	1845	1016	4.16E+08	11370102	160.491	4.39	45.19507	-90.8158
54435	2010	1740	5.68E+08	9078148	219.429	3.505	45.36047	-89.4382
54436	2203	933	2.76E+08	1003688	106.745	0.388	44.53473	-90.4273
54437	3077	1314	3.08E+08	2721191	119.005	1.051	44.77721	-90.6291
54440	2964	1344	2.19E+08	2957076	84.51	1.142	44.81122	-89.3834
54441	828	313	2458256	0	0.949	0	44.64252	-90.1049
54442	1177	683	1.92E+08	2604155	74.28	1.005	45.35885	-89.659
54443	2137	981	2.35E+08	9365287	90.669	3.616	44.60892	-89.7517
54446	3123	1193	1.98E+08	425537	76.456	0.164	44.74779	-90.4664
54447	498	268	80497662	144921	31.08	0.056	45.08599	-90.7472
54448	4249	1774	2.31E+08	172160	89.016	0.066	44.93363	-89.8302
54449	26418	12345	4.42E+08	806006	170.478	0.311	44.63842	-90.2083
54450	436	189	4320483	0	1.668	0	45.00429	-89.041
54451	11755	5735	9E+08	4744090	347.32	1.832	45.19739	-90.4077
54452	19360	9099	1.15E+09	15784259	442.228	6.094	45.21719	-89.7933
54454	1279	526	1.18E+08	1091762	45.587	0.422	44.60672	-89.8829
54455	17029	7187	5.96E+08	50237205	230.106	19.397	44.76682	-89.6845
54456	6085	3199	5.75E+08	6149593	221.936	2.374	44.5444	-90.6328
54457	8539	6012	3.51E+08	41457066	135.497	16.007	44.21408	-89.9001
54458	124	53	1739619	31901	0.672	0.012	44.49718	-89.306
54459	1148	1028	3.59E+08	3010028	138.541	1.162	45.41318	-90.2375
54460	2746	1061	2.21E+08	2600115	85.194	1.004	44.93878	-90.5432
54462	348	383	1.05E+08	5163823	40.642	1.994	45.392	-89.0074
54463	684	1049	2.08E+08	17865454	80.217	6.898	45.50253	-89.219
54465	536	1045	72558933	10388955	28.015	4.011	45.3833	-88.8912
54466	2815	1560	7.87E+08	14184500	303.883	5.477	44.37977	-90.3065
54467	13635	5793	1.79E+08	2712575	69.019	1.047	44.41392	-89.5389
54469	1792	728	6581149	935231	2.541	0.361	44.34515	-89.874
54470	2068	1173	2.74E+08	2887941	105.604	1.115	45.28661	-90.1415
54471	1854	707	1.2E+08	214879	46.398	0.083	44.93072	-89.4243
54473	2700	1356	2.22E+08	3745343	85.824	1.446	44.65065	-89.3524
54474	4019	1816	11271418	587317	4.352	0.227	44.87362	-89.6272
54475	1482	632	95075843	2018878	36.709	0.779	44.48467	-89.7931
54476	18580	8079	1.09E+08	2869040	42.072	1.108	44.89032	-89.5301
54479	4119	1653	2.07E+08	737084	79.772	0.285	44.74998	-90.327
54480	1332	559	90395131	15736	34.902	0.006	45.05431	-90.2693
54481	29340	12272	1.65E+08	22781222	63.775	8.796	44.51066	-89.6383
54482	8955	3802	2.37E+08	7118368	91.386	2.748	44.55873	-89.5185
54484	4984	2024	2.7E+08	2650367	104.126	1.023	44.79982	-90.0786
54485	322	336	53101564	1546571	20.503	0.597	45.40296	-89.2104

54486	2290	1249	3.18E+08	715631	122.944	0.276	44.71799	-89.0452
54487	9594	7564	7.78E+08	61043259	300.575	23.569	45.51421	-89.7754
54488	1262	450	1.04E+08	171285	39.988	0.066	44.8404	-90.3331
54489	1550	659	1.14E+08	799545	44.048	0.309	44.46078	-90.004
54490	893	706	2.92E+08	4816630	112.563	1.86	45.34339	-90.3923
54491	1652	1745	4.63E+08	9160000	178.626	3.537	45.23553	-88.7531
54493	668	581	2.81E+08	3336389	108.674	1.288	44.69676	-90.8107
54494	27126	12224	3.45E+08	10763249	133.284	4.156	44.34084	-89.7349
54495	7637	3658	2.78E+08	15732241	107.492	6.074	44.37821	-89.9641
54498	2421	1014	3.14E+08	1847452	121.412	0.713	45.03511	-90.629
54499	3223	1439	2.92E+08	1402417	112.87	0.541	44.78983	-89.1764
54501	20019	11775	9.47E+08	66113304	365.537	25.526	45.65761	-89.3493
54511	1216	1510	7.21E+08	10541366	278.266	4.07	45.73747	-88.8231
54512	833	1256	1.96E+08	50399577	75.629	19.459	46.09036	-89.6585
54513	478	423	2.44E+08	243791	94.254	0.094	45.57838	-90.1413
54514	1717	1531	5.39E+08	10372547	207.986	4.005	46.04178	-90.4733
54515	472	409	2.15E+08	702142	82.833	0.271	45.51263	-90.491
54517	112	345	2.01E+08	11551595	77.777	4.46	46.14592	-90.9307
54519	1231	1676	2.07E+08	21775600	80.111	8.408	46.05078	-89.2631
54520	4141	3046	3.7E+08	28444386	142.966	10.982	45.53673	-88.9038
54521	7509	7855	5.88E+08	82340530	226.895	31.792	45.93691	-89.2912
54524	670	507	2.37E+08	4317142	91.397	1.667	45.83145	-90.3474
54525	279	167	1837024	65533	0.709	0.025	46.4233	-90.22
54526	919	509	2.86E+08	2944935	110.405	1.137	45.52927	-90.8572
54527	1081	1006	6E+08	3466112	231.713	1.338	46.12467	-90.6882
54529	1133	1401	1.71E+08	13342103	66.185	5.151	45.67771	-89.6672
54530	868	623	2.82E+08	1655934	108.823	0.639	45.53252	-90.7429
54531	1454	1637	2.01E+08	31781479	77.656	12.271	45.75282	-89.7747
54534	2459	1834	3.38E+08	7622375	130.606	2.943	46.34771	-90.2281
54536	184	174	1.3E+08	1085538	50.002	0.419	46.32206	-90.3703
54537	561	409	2.51E+08	163139	96.982	0.063	45.52881	-90.6035
54538	3137	2932	2.9E+08	64267505	111.843	24.814	45.97006	-89.9119
54539	1383	1852	1.27E+08	39319195	48.86	15.181	45.81335	-89.5621
54540	947	1696	2.15E+08	45433774	82.894	17.542	46.15572	-89.3814
54541	1552	926	3.47E+08	7786361	134.067	3.006	45.55621	-88.6178
54542	470	1251	6.88E+08	11143674	265.61	4.303	45.91951	-88.7154
54545	736	1476	1.13E+08	24513123	43.546	9.465	46.13014	-89.8627
54546	1266	927	5.58E+08	6314915	215.48	2.438	46.29967	-90.6947
54547	1392	2147	5.63E+08	50037892	217.516	19.32	46.19427	-90.1053
54548	4626	5101	2.29E+08	53557078	88.507	20.679	45.86546	-89.8343
54550	685	444	62214881	10103613	24.021	3.901	46.36099	-90.2771
54552	4416	3604	9.01E+08	67040154	347.893	25.884	45.93925	-90.3166
54554	1120	1460	2.24E+08	30870617	86.6	11.919	46.04722	-89.0672
54555	4872	3946	8.22E+08	22048351	317.275	8.513	45.70555	-90.4046
54556	1298	814	2.3E+08	1922765	88.972	0.742	45.53509	-90.2973
54557	925	2209	2.4E+08	56548797	92.479	21.834	46.22386	-89.7578
54558	2177	2470	1.1E+08	20768754	42.662	8.019	45.92019	-89.4987

54559	795	479	3.55E+08	4131506	137.073	1.595	46.49521	-90.4912
54560	589	631	91055645	13603014	35.157	5.252	46.03673	-89.5523
54561	35	97	43078101	5508927	16.633	2.127	46.09755	-89.5134
54562	1948	3039	3.75E+08	60650460	144.638	23.417	45.80265	-89.0793
54563	720	405	1.08E+08	1754730	41.519	0.678	45.46016	-90.9705
54564	387	732	4.57E+08	8605659	176.526	3.323	45.59891	-89.9604
54565	60	144	2.66E+08	1089342	102.71	0.421	46.28439	-90.4658
54566	1496	1324	3.38E+08	7791865	130.531	3.008	45.42014	-88.6013
54568	5198	3983	1.98E+08	34100425	76.333	13.166	45.95805	-89.6531
54601	49282	21040	1.9E+08	3284125	73.546	1.268	43.8062	-91.1405
54603	14305	6795	23704451	1155625	9.152	0.446	43.85676	-91.2419
54610	1624	969	3.32E+08	21620148	128.055	8.348	44.36529	-91.8315
54611	1307	577	1.4E+08	0	54.132	0	44.44771	-90.9522
54612	5152	2123	4.01E+08	785199	154.921	0.303	44.24955	-91.5013
54613	1826	2374	1.9E+08	55244212	73.211	21.33	44.07559	-89.9237
54614	2947	1210	2.11E+08	3689	81.38	0.001	43.90493	-90.9529
54615	10742	4601	7.77E+08	9121680	300.12	3.522	44.26478	-90.8219
54616	2601	1170	2.31E+08	238893	89.088	0.092	44.30081	-91.2235
54618	2262	1035	2.58E+08	3969130	99.65	1.532	43.96363	-90.2859
54619	3923	1419	2.66E+08	34650	102.871	0.013	43.75763	-90.7756
54621	1147	461	97726773	195593	37.733	0.076	43.6563	-91.081
54622	2121	1140	1.49E+08	24370282	57.571	9.409	44.27336	-91.7739
54623	1930	804	1.36E+08	16793	52.395	0.006	43.73299	-91.0063
54624	1383	984	1.7E+08	5965764	65.486	2.303	43.46151	-91.1311
54625	240	126	16336104	0	6.307	0	44.13342	-91.525
54626	1215	776	1.73E+08	3382597	66.962	1.306	43.21957	-91.054
54627	1819	841	2.12E+08	1212150	81.731	0.468	44.17138	-91.227
54628	1092	814	1.94E+08	103275	74.765	0.04	43.37299	-91.0262
54629	2576	1254	2.75E+08	34350698	106.078	13.263	44.17376	-91.6396
54630	3770	1660	2.04E+08	1754206	78.709	0.677	44.12116	-91.3739
54631	1844	996	2.73E+08	212274	105.382	0.082	43.28501	-90.8309
54632	1247	593	1.21E+08	4449848	46.742	1.718	43.56883	-91.1465
54634	4258	1894	3.86E+08	295848	148.977	0.114	43.58174	-90.4224
54635	1799	889	2.22E+08	42635	85.887	0.016	44.4029	-91.0456
54636	13737	5197	2.14E+08	2884522	82.698	1.114	44.00297	-91.224
54637	187	85	903227	0	0.349	0	43.87855	-90.2702
54638	1487	680	1.44E+08	18942	55.478	0.007	43.80004	-90.4042
54639	2397	1232	2.5E+08	645737	96.41	0.249	43.60198	-90.6378
54641	2	10	9650918	1035059	3.726	0.4	44.27065	-90.3301
54642	2125	951	2.45E+08	1496670	94.609	0.578	44.15206	-91.045
54643	12	10	237716	38178	0.092	0.015	44.18697	-90.6382
54644	1434	619	1.62E+08	1336758	62.69	0.516	44.03608	-91.0634
54645	81	39	1257948	0	0.486	0	43.32115	-90.9326
54646	3899	2751	4.35E+08	41929486	167.911	16.189	44.11376	-90.0981
54648	1737	683	1.87E+08	93749	72.166	0.036	43.82943	-90.6526
54650	23377	9817	80348155	621574	31.023	0.24	43.91046	-91.2272
54651	1382	653	1.5E+08	291572	57.797	0.113	43.72361	-90.5732

54652	953	486	93355561	210458	36.045	0.081	43.47565	-90.7723
54653	894	357	44679401	18901	17.251	0.007	43.81599	-90.9015
54654	153	64	1871879	2764	0.723	0.001	43.26966	-90.9641
54655	1778	926	2.33E+08	12855	90.126	0.005	43.37102	-90.7591
54656	17377	7331	6.47E+08	1422372	249.886	0.549	43.99	-90.8031
54657	411	198	70560768	64818	27.244	0.025	43.18804	-90.8959
54658	2501	1137	93933356	1690132	36.268	0.653	43.68213	-91.1681
54659	1409	626	1.47E+08	48213	56.613	0.019	44.29907	-91.1148
54660	15688	6880	3.95E+08	6462895	152.602	2.495	43.98254	-90.4944
54661	3415	1594	1.35E+08	18053133	52.09	6.97	44.0576	-91.4678
54664	1516	844	2.03E+08	523831	78.482	0.202	43.48823	-90.643
54665	8427	3943	4.57E+08	463297	176.282	0.179	43.53197	-90.9287
54666	2593	1633	5.91E+08	27310798	228.218	10.545	44.17008	-90.4497
54667	4599	1935	2.26E+08	517053	87.205	0.2	43.66405	-90.86
54669	7619	2932	1.33E+08	2436790	51.267	0.941	43.91125	-91.0839
54670	1878	646	1.4E+08	0	53.99	0	43.83735	-90.4859
54701	38803	16038	2.23E+08	3407630	85.91	1.316	44.75198	-91.515
54703	42272	18153	2.06E+08	9161489	79.423	3.537	44.83645	-91.5185
54720	7039	3414	12715921	1196380	4.91	0.462	44.80414	-91.4358
54721	1373	615	1.65E+08	3010419	63.672	1.162	44.63374	-92.0827
54722	4016	1778	3.73E+08	5009797	144.092	1.934	44.71158	-91.103
54723	1191	524	79535741	16039143	30.709	6.193	44.61056	-92.4195
54724	7174	3170	4.13E+08	5567589	159.375	2.15	45.10625	-91.4876
54725	2897	1275	2.59E+08	1018253	99.868	0.393	45.07321	-91.991
54726	1690	749	2.14E+08	840519	82.549	0.325	44.93138	-91.0214
54727	4915	2043	3.63E+08	1116554	140.193	0.431	44.95395	-91.1591
54728	6139	3594	3.27E+08	17608935	126.401	6.799	45.30809	-91.6383
54729	31469	13686	4.31E+08	29744380	166.371	11.484	44.94563	-91.393
54730	4903	2184	3.6E+08	8723681	139.038	3.368	45.02226	-91.7196
54731	802	390	1.26E+08	830878	48.54	0.321	45.34984	-91.0904
54732	2924	1356	2.86E+08	8073393	110.43	3.117	45.14461	-91.1705
54733	1340	539	1.19E+08	117632	45.9	0.045	45.27866	-91.8502
54734	856	363	85484359	127588	33.006	0.049	45.09874	-92.1258
54736	4127	1780	3.27E+08	9727814	126.402	3.756	44.59867	-91.9055
54737	487	228	56051874	2614076	21.642	1.009	44.7184	-91.9816
54738	3149	1258	2.58E+08	244790	99.671	0.095	44.58766	-91.4907
54739	4950	1885	2.64E+08	2234280	101.869	0.863	44.85976	-91.7012
54740	2056	931	2.36E+08	609407	90.954	0.235	44.75144	-92.1668
54741	1577	806	2.48E+08	223482	95.936	0.086	44.62034	-90.9746
54742	4459	1780	2.7E+08	1423907	104.418	0.55	44.76644	-91.267
54745	2261	1654	3.41E+08	18633833	131.61	7.195	45.25113	-91.1234
54746	746	397	1.13E+08	915553	43.646	0.353	44.55324	-90.8801
54747	2534	1176	2.92E+08	397863	112.858	0.154	44.40139	-91.5121
54748	1217	546	1.06E+08	4658641	41.07	1.799	45.07508	-91.263
54749	1231	539	99822497	33336	38.542	0.013	44.94805	-92.1072
54750	1062	518	1.65E+08	11045447	63.533	4.265	44.61379	-92.2945
54751	25642	10150	5.89E+08	12893284	227.348	4.978	44.85067	-91.9316

54754	1552	1243	2.21E+08	3691197	85.337	1.425	44.42716	-90.7533
54755	7502	3229	7.05E+08	6809109	272.093	2.629	44.57577	-91.6813
54756	916	487	1.86E+08	10399563	71.707	4.015	44.4681	-91.9396
54757	3314	2018	4.07E+08	20685152	157.011	7.987	45.2372	-91.5223
54758	4626	1999	4.12E+08	260270	159.204	0.1	44.55794	-91.2165
54759	1533	878	1.34E+08	18738915	51.61	7.235	44.48908	-92.1293
54760	255	113	371928	0	0.144	0	44.42405	-91.2064
54761	1216	518	1.06E+08	695399	40.893	0.268	44.62326	-92.1783
54762	1246	574	1.28E+08	180710	49.415	0.07	45.2462	-91.9932
54763	1134	507	1.44E+08	337764	55.422	0.13	45.17986	-91.8817
54765	24	16	29769	0	0.011	0	45.16913	-91.6856
54766	1707	848	3.41E+08	369926	131.719	0.143	45.34071	-90.858
54767	3221	1377	2.17E+08	2199288	83.682	0.849	44.82384	-92.268
54768	5990	1966	3.26E+08	3462522	125.722	1.337	44.95709	-90.9298
54769	502	385	81507924	16854626	31.47	6.508	44.5273	-92.2411
54770	2101	873	1.77E+08	337297	68.475	0.13	44.54856	-91.3719
54771	4286	1735	4.02E+08	1627140	155.14	0.628	44.93696	-90.8125
54772	1103	488	1.56E+08	898068	60.047	0.347	45.1006	-91.8817
54773	3336	1398	1.89E+08	61939	72.822	0.024	44.38999	-91.2964
54801	6493	4790	4.89E+08	36995521	188.811	14.284	45.87886	-91.9428
54805	1471	745	86373658	811111	33.349	0.313	45.41205	-92.0234
54806	11810	5493	6.87E+08	21890315	265.251	8.452	46.55349	-90.8718
54810	2512	2151	1.17E+08	14279799	45.316	5.513	45.45709	-92.3744
54812	5728	2408	2.39E+08	508248	92.099	0.196	45.39253	-91.8825
54813	601	375	1.41E+08	4113226	54.327	1.588	45.65294	-92.0448
54814	2478	1733	3.8E+08	12002204	146.808	4.634	46.86325	-90.9012
54817	2188	2519	4.19E+08	42543592	161.7	16.426	45.66973	-91.5466
54819	2544	1600	4.3E+08	7693524	166.04	2.97	45.48692	-91.3053
54820	864	524	2.84E+08	1800488	109.753	0.695	46.57253	-91.565
54821	1276	1792	4.79E+08	32252273	184.798	12.453	46.21696	-91.1662
54822	4516	2082	1.24E+08	3824632	47.844	1.477	45.40094	-91.6944
54824	2271	1207	97440354	2664331	37.622	1.029	45.48472	-92.5399
54826	807	701	1.27E+08	6425020	49.021	2.481	45.49524	-92.1597
54827	221	411	1.12E+08	5213411	43.225	2.013	46.78811	-91.0968
54828	678	818	1.59E+08	14371392	61.262	5.549	45.84099	-91.2942
54829	5236	3273	3.45E+08	18814374	133.086	7.264	45.56665	-92.0472
54830	2752	5043	9.31E+08	46553161	359.547	17.974	46.10601	-92.2257
54832	412	574	2.73E+08	9293745	105.566	3.588	46.31929	-91.3434
54835	1018	803	3.69E+08	5460514	142.608	2.108	45.6916	-91.2471
54836	1080	509	3.39E+08	1255507	130.853	0.485	46.45444	-92.195
54837	3778	2229	4.55E+08	13465171	175.656	5.199	45.67428	-92.3577
54838	1103	1622	5.98E+08	30287978	230.952	11.694	46.25871	-91.8188
54839	302	216	1.21E+08	430873	46.582	0.166	46.36158	-91.14
54840	4643	2903	6.6E+08	24920653	254.794	9.622	45.75126	-92.6924
54841	259	128	938844	0	0.362	0	45.60667	-91.7786
54842	185	81	15896985	17897	6.138	0.007	46.50537	-91.8547
54843	11487	9357	1.14E+09	1.57E+08	440.059	60.623	46.02594	-91.2968

54844	267	530	1.57E+08	14494448	60.716	5.596	46.80485	-91.2331
54845	147	84	17312759	42364	6.684	0.016	45.79732	-92.1938
54846	547	292	81058428	169695	31.297	0.066	46.37832	-90.7202
54847	2222	2011	4.27E+08	17872530	164.782	6.901	46.57933	-91.3999
54848	6141	3175	4.84E+08	12393992	186.854	4.785	45.51604	-91.1038
54849	1967	1280	2.35E+08	8974080	90.876	3.465	46.48119	-91.7257
54850	261	866	2.01E+08	7046236	77.76	2.721	46.94065	-90.5708
54853	4009	2715	2.42E+08	19654049	93.41	7.588	45.57459	-92.4292
54854	990	475	2.07E+08	12134479	79.769	4.685	46.64992	-91.6665
54855	774	375	1.86E+08	457108	71.936	0.176	46.37803	-90.831
54856	1616	1024	5.98E+08	5327647	230.978	2.057	46.44275	-91.1293
54857	62	60	721645	74091	0.279	0.029	45.59634	-91.6057
54858	1518	1008	49960560	3851507	19.29	1.487	45.51938	-92.4578
54859	1896	2405	4.69E+08	34174494	181.144	13.195	46.123	-91.8037
54861	150	54	12326458	0	4.759	0	46.61497	-90.6567
54862	261	288	1.15E+08	1207037	44.455	0.466	45.7787	-91.1424
54864	1322	569	1.32E+08	409874	50.886	0.158	46.61335	-91.7906
54865	440	517	1.59E+08	283502	61.431	0.109	46.73972	-91.375
54867	435	336	85194441	1463547	32.894	0.565	45.82254	-91.2026
54868	15512	7474	5.43E+08	13985038	209.745	5.4	45.52566	-91.7075
54870	1486	1491	2.33E+08	26055498	90.106	10.06	45.70927	-91.7751
54871	3105	1984	2.88E+08	18130199	111.24	7	45.74963	-92.002
54872	2581	2113	1.61E+08	17222996	62.242	6.65	45.77707	-92.4017
54873	2799	3051	6.96E+08	26621234	268.797	10.279	46.34045	-91.6918
54874	3646	1570	3.81E+08	5043097	147.161	1.947	46.56554	-91.9428
54875	1055	837	2.86E+08	9743239	110.525	3.762	45.96564	-91.6922
54876	1551	2091	2.64E+08	36577009	101.978	14.122	45.83604	-91.4935
54880	30772	14082	4.45E+08	30132782	171.944	11.634	46.59087	-92.1283
54888	1345	1436	2.48E+08	12362884	95.625	4.773	45.97482	-91.867
54889	2742	1793	1.81E+08	10794357	69.915	4.168	45.41511	-92.1701
54891	3389	1774	1.91E+08	2086050	73.566	0.805	46.69959	-90.9648
54893	3767	3738	4.08E+08	44689820	157.645	17.255	45.87881	-92.3259
54895	910	692	2.75E+08	5647248	106.046	2.18	45.44944	-91.4608
54896	1478	2220	1.12E+09	18789442	432.865	7.255	45.81717	-90.8817
54901	37710	14843	43192325	3014929	16.677	1.164	44.06289	-88.5357
54902	22375	10896	90833600	4078244	35.071	1.575	43.9469	-88.5403
54904	20623	8876	1.93E+08	1724265	74.673	0.666	44.0234	-88.6238
54909	2181	1132	2.49E+08	1396079	95.973	0.539	44.2807	-89.3674
54911	26674	11572	21470417	797972	8.29	0.308	44.28153	-88.381
54913	17629	7101	1.63E+08	63978	62.949	0.025	44.336	-88.4
54914	30475	13869	46108447	239727	17.803	0.093	44.28084	-88.452
54915	41855	16501	40643738	857123	15.693	0.331	44.24314	-88.3561
54921	1326	568	2.02E+08	893469	77.892	0.345	44.29526	-89.5591
54922	1514	622	1.23E+08	690776	47.487	0.267	44.54482	-88.7621
54923	8733	3983	3.51E+08	16424902	135.343	6.342	43.99776	-88.9668
54927	538	247	585884	21831	0.226	0.008	44.10313	-88.6544
54928	450	191	28407547	471562	10.968	0.182	44.7465	-88.8746

54929	8746	4301	3.09E+08	4569104	119.349	1.764	44.63649	-88.7392
54930	1786	1129	2.41E+08	960305	93.001	0.371	44.03262	-89.5553
54931	260	105	674594	0	0.26	0	44.27451	-88.6791
54932	1185	446	78245144	1535018	30.211	0.593	43.832	-88.5909
54933	231	96	2530511	115358	0.977	0.045	44.67047	-88.7032
54934	148	76	869623	3392	0.336	0.001	44.00297	-88.8393
54935	41651	18776	40879331	2346520	15.784	0.906	43.77366	-88.4368
54937	19112	7949	2.96E+08	2060570	114.107	0.796	43.792	-88.3885
54940	4020	2114	2.25E+08	6618897	86.892	2.556	44.22037	-88.8426
54941	2613	1937	83950809	32445764	32.414	12.527	43.8447	-88.9929
54942	8580	3058	53459431	41626	20.641	0.016	44.29411	-88.5474
54943	1923	1487	3.18E+08	1717398	122.664	0.663	44.13281	-89.5904
54944	8257	3161	1.75E+08	1871134	67.743	0.722	44.32469	-88.627
54945	3545	2029	2.72E+08	3919677	104.994	1.513	44.57365	-89.1368
54946	108	0	18110	0	0.007	0	44.33661	-89.1444
54947	2601	1266	1.2E+08	1034554	46.483	0.399	44.20359	-88.6987
54948	320	152	36677971	9311	14.161	0.004	44.78063	-88.8728
54949	3430	1567	1.64E+08	2591993	63.252	1.001	44.48399	-88.9155
54950	3083	1492	2.15E+08	2398787	83.203	0.926	44.65722	-88.9181
54952	25729	11511	72855373	1002555	28.13	0.387	44.20104	-88.3295
54956	42696	18395	1.59E+08	1623250	61.367	0.627	44.18234	-88.5276
54960	2800	2189	2.71E+08	4181794	104.769	1.615	43.94191	-89.2191
54961	14266	6271	3.2E+08	7081142	123.469	2.734	44.41015	-88.7617
54962	1110	643	1.23E+08	1640363	47.382	0.633	44.48619	-89.031
54963	6917	2982	1.98E+08	7508717	76.424	2.899	44.04419	-88.7791
54964	1022	426	92734144	4028677	35.805	1.555	43.92164	-88.717
54965	1344	703	1.5E+08	337186	57.998	0.13	44.16797	-89.0439
54966	2008	999	2.08E+08	816111	80.193	0.315	44.21002	-89.5049
54967	434	213	8519744	162587	3.289	0.063	44.12672	-88.9757
54968	2779	1736	1.56E+08	3762212	60.044	1.453	43.84706	-89.1359
54970	3902	1715	1.2E+08	624713	46.289	0.241	44.07275	-89.0982
54971	10827	4788	2.85E+08	10389821	110.153	4.012	43.85712	-88.8292
54974	1581	630	68092699	281640	26.291	0.109	43.78759	-88.6635
54977	1337	679	99510680	1560789	38.421	0.603	44.46117	-89.1712
54979	1472	624	67440620	257167	26.039	0.099	43.87251	-88.5364
54980	149	74	1263593	2962	0.488	0.001	43.98358	-88.7673
54981	15426	8074	3.46E+08	10553387	133.682	4.075	44.32266	-89.1315
54982	7117	4540	3.22E+08	7487445	124.365	2.891	44.07275	-89.2909
54983	4642	2144	2.2E+08	15820419	85.109	6.108	44.31934	-88.9331
54984	2989	2510	1.97E+08	3632180	76.224	1.402	44.19057	-89.2235
54985	836	0	261916	0	0.101	0	44.07507	-88.5185
54986	4770	2521	73449577	2545488	28.359	0.983	44.1233	-88.7499
55001	2916	1153	68257676	2608501	26.354	1.007	44.89878	-92.8191
55003	3471	912	5349029	2933109	2.065	1.132	45.01163	-92.7792
55005	4422	1577	49968324	2427084	19.293	0.937	45.39611	-93.2185
55006	4069	1687	2.03E+08	4525048	78.217	1.747	45.73827	-93.1989
55007	2498	1276	3.08E+08	3125822	118.847	1.207	45.9713	-93.1178

55008	14685	6098	2.6E+08	11894050	100.503	4.592	45.56949	-93.2767
55009	8030	3422	3.15E+08	6644402	121.734	2.565	44.48064	-92.871
55011	10170	3591	1.17E+08	4362783	45.048	1.684	45.34074	-93.2533
55012	2078	803	58998851	3107705	22.78	1.2	45.43809	-92.7881
55013	6541	2753	76014887	14279348	29.35	5.513	45.33847	-92.9054
55014	27274	9632	48414961	7797695	18.693	3.011	45.16175	-93.128
55016	34204	11944	75534643	9791824	29.164	3.781	44.81769	-92.9346
55017	714	293	78140863	1259212	30.17	0.486	45.67231	-93.4364
55018	997	404	1.25E+08	31946	48.195	0.012	44.42397	-92.9962
55019	1817	714	52392524	206290	20.229	0.08	44.41911	-93.2482
55020	3717	1234	64704485	573701	24.983	0.222	44.57554	-93.3736
55021	29732	11870	4.68E+08	30799572	180.816	11.892	44.29973	-93.2772
55024	32406	11364	2.31E+08	3111205	89.022	1.201	44.62723	-93.1247
55025	23244	9309	2.04E+08	20919048	78.792	8.077	45.2632	-93.0219
55026	455	235	14242847	3424352	5.499	1.322	44.53511	-92.346
55027	3031	1138	3.07E+08	190736	118.574	0.074	44.40736	-92.6101
55029	38	16	189730	0	0.073	0	45.63834	-93.1984
55030	1289	687	98987660	1367801	38.219	0.528	45.83912	-93.0894
55031	2035	760	1.03E+08	57672	39.605	0.022	44.61302	-92.9629
55032	3616	1472	1.81E+08	6247703	69.701	2.412	45.58627	-92.9882
55033	29488	11991	3.65E+08	19737277	140.994	7.621	44.71192	-92.8632
55036	71	38	738722	0	0.285	0	45.87125	-93.1196
55037	4940	3473	7.92E+08	9124012	305.652	3.523	46.03902	-92.785
55038	20816	7613	1.28E+08	11302891	49.57	4.364	45.16731	-92.9816
55040	12568	4884	2.57E+08	7782048	99.192	3.005	45.46614	-93.2802
55041	7601	3812	3.8E+08	31322783	146.628	12.094	44.39419	-92.3202
55042	8840	3126	63362059	5620308	24.464	2.17	44.98783	-92.9096
55043	3540	1522	10054990	5444756	3.882	2.102	44.94011	-92.769
55044	47218	16382	1.66E+08	4989600	64.12	1.926	44.6421	-93.2763
55045	7577	3222	91564729	17164020	35.353	6.627	45.39532	-92.835
55046	5211	2006	1.21E+08	4007908	46.617	1.547	44.44178	-93.4247
55047	2528	1230	77711587	13567744	30.005	5.239	45.20043	-92.8207
55049	2476	957	1.24E+08	185183	47.996	0.071	44.17628	-93.2308
55051	9719	4678	5.07E+08	17291517	195.788	6.676	45.92889	-93.3031
55052	2090	934	1.21E+08	7161004	46.569	2.765	44.23089	-93.4441
55053	1009	376	1.11E+08	4748	42.962	0.002	44.34654	-93.0612
55054	2171	705	3091141	0	1.193	0	44.57017	-93.3505
55055	3418	1461	9154927	641992	3.535	0.248	44.87446	-92.9987
55056	13546	5024	2.63E+08	3928761	101.508	1.517	45.50858	-92.9539
55057	24602	8572	3.24E+08	6665443	124.957	2.574	44.47041	-93.1761
55060	28911	12102	5.31E+08	4247525	204.98	1.64	44.05913	-93.2235
55063	9348	4692	4.33E+08	14730158	167.06	5.687	45.83857	-92.9029
55065	1201	444	85120767	722372	32.865	0.279	44.55076	-93.025
55066	18564	8413	3.1E+08	21472433	119.588	8.291	44.51193	-92.5391
55068	27490	9859	1.11E+08	5273119	42.838	2.036	44.73552	-93.0628
55069	5540	2060	1.92E+08	12410959	74.103	4.792	45.69399	-92.9647
55070	7541	2772	71016214	758513	27.42	0.293	45.41003	-93.387

55071	5569	2201	13326726	3027894	5.145	1.169	44.82177	-92.9988
55072	4737	2291	8.15E+08	10494279	314.697	4.052	46.09484	-92.5267
55073	3237	1282	71794412	4998635	27.72	1.93	45.27253	-92.8149
55074	2222	881	90064863	2817260	34.774	1.088	45.38778	-92.72
55075	20152	8667	14672640	1269981	5.665	0.49	44.88803	-93.0405
55076	21323	9115	23592015	4086369	9.109	1.578	44.83607	-93.0322
55077	12572	4955	48395789	2047138	18.686	0.79	44.81923	-93.069
55079	8329	3188	1.59E+08	9875103	61.367	3.813	45.41947	-93.0354
55080	2607	1152	1.68E+08	6819152	65.008	2.633	45.66642	-93.2222
55082	35024	14264	2.03E+08	14593291	78.194	5.635	45.07314	-92.8393
55084	1628	722	62915202	2270073	24.292	0.876	45.46259	-92.7162
55085	417	161	2078720	22423	0.803	0.009	44.66978	-92.9634
55087	268	118	528220	0	0.204	0	44.24854	-93.3949
55088	1704	659	90362563	343219	34.889	0.133	44.52359	-93.3835
55089	1814	715	1.56E+08	8380589	60.425	3.236	44.58378	-92.7164
55090	401	192	258327	14733	0.1	0.006	45.05333	-92.9575
55092	10840	4173	87237500	10089146	33.683	3.895	45.33413	-93.0998
55101	5592	4156	2109625	132774	0.815	0.051	44.95148	-93.0906
55102	18207	10105	8421495	706738	3.252	0.273	44.93173	-93.1215
55103	12991	5179	5406933	287953	2.088	0.111	44.96426	-93.1226
55104	43248	18536	15723037	121368	6.071	0.047	44.9539	-93.1645
55105	28455	11495	9322464	492928	3.599	0.19	44.93718	-93.1683
55106	52730	19597	22444943	1285926	8.666	0.496	44.96355	-93.0495
55107	14776	5704	10642423	1380648	4.109	0.533	44.931	-93.0792
55108	14688	6545	10178954	50002	3.93	0.019	44.98248	-93.1749
55109	31444	13166	30316358	1980162	11.705	0.765	45.01455	-93.0255
55110	37759	15844	62539629	16044413	24.147	6.195	45.08991	-93.006
55111	0	0	5850253	656931	2.259	0.254	44.87828	-93.1956
55112	43250	17803	49440028	4811050	19.089	1.858	45.08187	-93.1905
55113	38994	18138	38652209	2197348	14.924	0.848	45.0122	-93.1512
55114	3100	1610	3370763	77979	1.301	0.03	44.96669	-93.1951
55115	8607	3255	17368712	4836333	6.706	1.867	45.0679	-92.9534
55116	23851	11971	14132168	1367718	5.456	0.528	44.91072	-93.1696
55117	41649	17000	23910078	1612195	9.232	0.622	45.00356	-93.0913
55118	27548	12638	27310406	1643710	10.545	0.635	44.89432	-93.1009
55119	38966	15962	36495450	5642353	14.091	2.179	44.93742	-93.0074
55120	4352	1824	13830434	2246319	5.34	0.867	44.87498	-93.1521
55121	7861	3816	23389920	1946898	9.031	0.752	44.84654	-93.1549
55122	30346	13074	29177683	1525252	11.266	0.589	44.80683	-93.2013
55123	26030	9533	28463118	2507243	10.99	0.968	44.80893	-93.1384
55124	49084	19600	43542873	1788596	16.812	0.691	44.73946	-93.1938
55125	43281	16873	39555892	1233062	15.273	0.476	44.91803	-92.9383
55126	25140	10866	31027596	6007965	11.98	2.32	45.08445	-93.1328
55127	16782	7177	34955433	6892777	13.496	2.661	45.08391	-93.0802
55128	28113	11690	29129584	1020542	11.247	0.394	44.98755	-92.9636
55129	18697	6700	50639707	902531	19.552	0.348	44.88347	-92.8928
55130	17575	5908	5190307	4311	2.004	0.002	44.97326	-93.0821

55150	198	82	889256	123357	0.343	0.048	44.88664	-93.1654
55155	0	0	132079	0	0.051	0	44.95602	-93.0826
55301	10535	3807	26327334	748621	10.165	0.289	45.24856	-93.6598
55302	7107	3966	1.85E+08	33898830	71.494	13.088	45.24653	-94.1171
55303	46352	17737	1.63E+08	6335511	63.1	2.446	45.28828	-93.4311
55304	45967	15497	1.79E+08	6043007	69.083	2.333	45.25211	-93.2709
55305	19368	10009	24111531	381382	9.31	0.147	44.95638	-93.428
55306	15935	6776	16131914	1919806	6.229	0.741	44.73094	-93.2914
55307	3227	1434	2.01E+08	2498823	77.708	0.965	44.59971	-94.1112
55308	9064	3099	1.63E+08	2241124	62.752	0.865	45.4414	-93.832
55309	18208	6454	1.7E+08	9394635	65.563	3.627	45.37777	-93.7443
55310	1519	763	2.57E+08	0	99.254	0	44.75912	-94.8808
55311	32788	11985	42475986	2206145	16.4	0.852	45.1064	-93.497
55312	1595	698	1.85E+08	6692683	71.255	2.584	44.70634	-94.3513
55313	23255	8914	2.82E+08	28082437	108.714	10.843	45.17466	-93.8515
55314	1337	614	1.93E+08	8795427	74.453	3.396	44.77902	-94.5897
55315	4762	1651	68684244	1942515	26.519	0.75	44.7211	-93.689
55316	23089	8598	21153855	1457653	8.168	0.563	45.17258	-93.3873
55317	19218	7366	32449109	3171176	12.529	1.224	44.8587	-93.5502
55318	25493	9963	1.07E+08	5144675	41.385	1.986	44.81079	-93.6362
55319	5038	2186	1.84E+08	13634359	71.038	5.264	45.47527	-93.9439
55320	4973	2038	1.38E+08	6531919	53.116	2.522	45.39633	-94.0861
55321	5341	1986	2.1E+08	5960743	81.189	2.301	45.08759	-94.1932
55322	3163	1171	1.41E+08	5614992	54.594	2.168	44.77188	-93.787
55324	1234	683	91003444	18438512	35.137	7.119	45.05282	-94.4176
55325	4610	2073	1.99E+08	25330332	76.925	9.78	45.08422	-94.3172
55327	3478	1278	46338943	4532461	17.892	1.75	45.19574	-93.4758
55328	8541	3211	1.15E+08	3613853	44.543	1.395	45.0318	-93.8123
55329	2118	1014	1.3E+08	4224310	50.324	1.631	45.30454	-94.5589
55330	36440	13497	2.71E+08	10506806	104.493	4.057	45.33417	-93.5682
55331	17524	7203	38733455	18391360	14.955	7.101	44.89568	-93.6076
55332	1922	898	2.97E+08	1093236	114.543	0.422	44.52044	-94.6995
55333	856	387	1.84E+08	338619	70.854	0.131	44.56296	-94.8606
55334	2939	1277	2.23E+08	5000602	85.982	1.931	44.53546	-94.1875
55335	1629	746	2.92E+08	4636354	112.819	1.79	44.53109	-94.5531
55336	8054	3391	3.31E+08	8700852	127.657	3.359	44.77723	-94.1986
55337	44356	18979	48365503	3305647	18.674	1.276	44.77847	-93.2723
55338	1123	462	1.03E+08	3690021	39.598	1.425	44.66952	-93.9958
55339	988	385	58014410	687312	22.399	0.265	44.72343	-93.957
55340	6327	2236	93554197	1684958	36.121	0.651	45.07826	-93.5721
55341	2850	919	12320300	361219	4.757	0.139	45.15796	-93.6629
55342	2015	991	4.19E+08	15835	161.619	0.006	44.74293	-94.739
55343	23933	12366	19566965	674617	7.555	0.26	44.91437	-93.4163
55344	13952	7322	22806159	1805767	8.806	0.697	44.86389	-93.4301
55345	21147	8764	29454820	732334	11.373	0.283	44.91544	-93.4844
55346	16776	6431	17821647	625401	6.881	0.241	44.87862	-93.4813
55347	30069	11322	43584868	4625126	16.828	1.786	44.82789	-93.4624

55349	3887	1650	1.7E+08	10389809	65.573	4.012	45.05865	-94.0745
55350	18280	8040	4.16E+08	21778150	160.703	8.409	44.89558	-94.3941
55352	8751	3153	1.73E+08	4238391	66.748	1.636	44.65148	-93.5926
55353	3162	1394	2.19E+08	9395078	84.392	3.627	45.3291	-94.3246
55354	2741	1098	82148404	516837	31.718	0.2	44.88044	-94.0614
55355	9656	4368	4.48E+08	28232237	172.922	10.901	45.09909	-94.5413
55356	5311	2186	32317269	4154530	12.478	1.604	44.99444	-93.5895
55357	3246	1168	49197381	1559695	18.995	0.602	45.1058	-93.6732
55358	4982	2415	1.42E+08	14975310	54.81	5.782	45.25306	-93.9915
55359	5954	2363	1.08E+08	9375246	41.879	3.62	45.00959	-93.6983
55360	2672	972	82972691	993397	32.036	0.384	44.91596	-93.9196
55362	18089	6967	1.58E+08	11123853	61.162	4.295	45.29208	-93.8387
55363	4496	1709	70189268	557176	27.1	0.215	45.03719	-93.9183
55364	14353	6455	40575949	17882605	15.666	6.905	44.93776	-93.672
55366	443	199	1757332	0	0.679	0	44.67263	-94.2323
55367	913	386	53274898	539134	20.57	0.208	44.89514	-93.9758
55368	2218	946	94871419	2201592	36.63	0.85	44.73887	-93.8991
55369	32524	13320	62062075	4381802	23.962	1.692	45.12745	-93.4454
55370	802	326	59327539	101442	22.906	0.039	44.77718	-94.0368
55371	16442	6445	4.78E+08	14431946	184.493	5.572	45.57859	-93.5908
55372	29811	11286	1.49E+08	10566416	57.542	4.08	44.68239	-93.4136
55373	5600	2182	28475131	2330769	10.994	0.9	45.08862	-93.7211
55374	13576	4726	92056949	2390756	35.543	0.923	45.17553	-93.5738
55375	4518	1480	13589839	807768	5.247	0.312	44.90811	-93.7216
55376	16242	5422	78157634	9658748	30.177	3.729	45.21125	-93.6879
55378	26958	9417	37568057	1989963	14.505	0.768	44.7573	-93.367
55379	40416	14583	1.53E+08	6174713	58.933	2.384	44.75595	-93.5133
55381	2063	865	1.18E+08	3392670	45.609	1.31	44.93096	-94.2
55382	3563	2107	1.83E+08	16007164	70.614	6.18	45.30042	-94.1991
55384	1672	1073	926865	664136	0.358	0.256	44.93694	-93.6307
55385	1291	575	2.5E+08	3303199	96.685	1.275	44.73911	-94.4892
55386	6330	2186	17461229	2270603	6.742	0.877	44.86322	-93.6669
55387	12249	4675	81229006	19949794	31.363	7.703	44.86926	-93.7789
55388	5619	2265	1.04E+08	4642373	40.127	1.792	44.94984	-93.8456
55389	2643	1123	1.93E+08	4129843	74.342	1.595	45.29792	-94.4426
55390	2473	1053	90743415	5127929	35.036	1.98	45.06517	-93.9796
55391	14486	6545	44026580	28319424	16.999	10.934	44.9564	-93.539
55395	2892	1228	53109259	2556790	20.506	0.987	44.95183	-94.0677
55396	2252	1015	2.76E+08	2351415	106.477	0.908	44.54631	-94.367
55397	2693	1070	70653516	3139589	27.279	1.212	44.82381	-93.938
55398	15540	5707	2.01E+08	10371102	77.708	4.004	45.46562	-93.6104
55401	6590	4912	2331229	377143	0.9	0.146	44.98458	-93.2691
55402	368	373	461184	0	0.178	0	44.97603	-93.2714
55403	14985	11573	3548279	41489	1.37	0.016	44.97057	-93.284
55404	27121	13337	4582447	0	1.769	0	44.962	-93.2611
55405	15411	7822	7184962	493464	2.774	0.191	44.97187	-93.3025
55406	32112	15589	12957253	573329	5.003	0.221	44.9405	-93.221

55407	37881	15090	10469606	261186	4.042	0.101	44.93504	-93.253
55408	29981	15677	7038674	1418644	2.718	0.548	44.94043	-93.2926
55409	11615	5149	3216080	0	1.242	0	44.93033	-93.2815
55410	19340	8998	7708748	0	2.976	0	44.91188	-93.3196
55411	27428	10002	10550888	179947	4.074	0.069	44.99901	-93.2984
55412	22148	9193	9407292	210276	3.632	0.081	45.02748	-93.3035
55413	12934	6733	8538461	303942	3.297	0.117	44.99946	-93.2417
55414	28495	10797	8751408	435030	3.379	0.168	44.97951	-93.2274
55415	2604	1297	1121235	0	0.433	0	44.97479	-93.2575
55416	29027	16125	18938584	2649877	7.312	1.023	44.95019	-93.3363
55417	24875	11247	14084959	1481395	5.438	0.572	44.90444	-93.2304
55418	29472	13862	17553037	334723	6.777	0.129	45.02132	-93.2429
55419	26406	11202	10872252	291556	4.198	0.113	44.9058	-93.2877
55420	21767	9548	16819429	248708	6.494	0.096	44.83597	-93.2772
55421	27035	12360	16272408	851272	6.283	0.329	45.05088	-93.2538
55422	27820	12766	21477197	1213142	8.292	0.468	45.00928	-93.3411
55423	35375	15797	18071306	370622	6.977	0.143	44.87446	-93.2825
55424	9685	3612	6264144	201841	2.419	0.078	44.90503	-93.3448
55425	8952	4095	12214239	5615611	4.716	2.168	44.85156	-93.2256
55426	24945	12256	17526016	492926	6.767	0.19	44.95831	-93.3741
55427	22919	10237	18609501	200002	7.185	0.077	45.0055	-93.3792
55428	29357	12563	20919220	146693	8.077	0.057	45.06295	-93.3814
55429	26751	10585	16087193	796790	6.211	0.308	45.06355	-93.3411
55430	21508	8484	14617903	541792	5.644	0.209	45.0673	-93.3015
55431	18435	8181	20665925	626422	7.979	0.242	44.82591	-93.311
55432	30027	13027	25581616	1591361	9.877	0.614	45.09659	-93.2545
55433	33613	13800	30079325	1443330	11.614	0.557	45.16041	-93.3148
55434	28823	11342	23828477	164967	9.2	0.064	45.16372	-93.2505
55435	11592	7212	7647197	372712	2.953	0.144	44.87395	-93.3341
55436	13138	5983	12282537	438809	4.742	0.169	44.90414	-93.3732
55437	17484	8174	16988777	1131391	6.559	0.437	44.82435	-93.343
55438	16249	7640	21622491	2039004	8.348	0.787	44.82312	-93.3814
55439	8750	3697	12492486	342399	4.823	0.132	44.87563	-93.3747
55441	17848	7891	22439475	4054258	8.664	1.565	45.00632	-93.4246
55442	13217	5728	13741277	1263222	5.306	0.488	45.04885	-93.4262
55443	32462	11463	23910786	533327	9.232	0.206	45.11761	-93.3381
55444	15667	5380	11459197	579498	4.424	0.224	45.10392	-93.3017
55445	9879	3667	20233485	103495	7.812	0.04	45.12244	-93.3792
55446	18695	7757	26292819	371883	10.152	0.144	45.03914	-93.4897
55447	21187	8780	22760671	1543140	8.788	0.596	45.0011	-93.4896
55448	27863	10662	28135649	446876	10.863	0.173	45.19391	-93.3
55449	23277	8705	57874893	248944	22.346	0.096	45.17729	-93.1819
55450	10	3	9767394	17943	3.771	0.007	44.87953	-93.2243
55454	8125	3126	1580575	138768	0.61	0.054	44.96733	-93.2346
55455	1050	4	692288	131362	0.267	0.051	44.97181	-93.2337
55601	105	152	40947403	1652751	15.81	0.638	47.23684	-91.3629
55602	177	403	3.48E+08	13720828	134.197	5.298	47.34984	-91.8864

55603	508	475	9.35E+08	33901307	360.875	13.089	47.5465	-91.2512
55604	3360	3340	2.31E+09	3.4E+08	890.213	131.378	47.9551	-90.5556
55605	565	313	1.86E+08	26715387	71.959	10.315	47.96529	-89.7371
55606	272	410	3.4E+08	8843080	131.086	3.414	47.93452	-89.9889
55607	134	289	1.15E+09	32615147	442.294	12.593	47.56319	-91.4173
55609	303	185	9272299	0	3.58	0	46.97066	-91.7809
55612	518	1122	4.2E+08	30849853	162.157	11.911	47.76972	-90.7014
55613	205	323	2.24E+08	5122293	86.48	1.978	47.58168	-90.9222
55614	2627	1571	6.31E+08	39379212	243.784	15.204	47.36824	-91.376
55615	256	331	2.86E+08	11196566	110.383	4.323	47.66333	-90.8236
55616	6994	4239	9.18E+08	43069451	354.405	16.629	47.16579	-91.6421
55702	500	327	1.96E+08	2249790	75.82	0.869	46.95676	-92.636
55703	701	426	3.6E+08	25366	138.953	0.01	47.7309	-92.7501
55704	1128	600	1.44E+08	242480	55.469	0.094	46.21909	-92.7517
55705	3299	1731	3.01E+08	11144325	116.275	4.303	47.4518	-92.2074
55706	1825	1198	1.59E+08	29209497	61.49	11.278	47.72171	-91.9616
55707	3440	1668	4.09E+08	7220592	157.801	2.788	46.55478	-92.6316
55708	959	540	56306294	1884092	21.74	0.727	47.57129	-92.3477
55709	4075	2582	5.94E+08	57113638	229.44	22.052	47.42907	-93.3724
55710	1292	881	2.59E+08	10251965	100.126	3.958	47.62969	-92.7086
55711	607	220	1.75E+08	2708956	67.649	1.046	46.84427	-92.6912
55712	586	450	4.88E+08	927574	188.324	0.358	46.2817	-92.5206
55713	1017	502	13987644	174708	5.401	0.067	47.50038	-92.746
55716	341	158	3447520	34539	1.331	0.013	47.32039	-93.2715
55717	335	403	2.84E+08	9154810	109.568	3.535	47.0687	-92.3872
55718	3281	1363	1.58E+08	5816516	60.905	2.246	46.62093	-92.4864
55719	5895	3008	1.81E+08	3788241	69.924	1.463	47.54104	-92.8622
55720	16999	7292	4.17E+08	12351442	160.819	4.769	46.75111	-92.5334
55721	3410	1794	2.27E+08	35251642	87.577	13.611	47.22063	-93.6868
55722	1200	519	6917649	502832	2.671	0.194	47.27887	-93.442
55723	2363	2449	1.36E+09	60557745	525.122	23.381	47.83906	-92.9162
55724	741	928	6.19E+08	14831342	238.903	5.726	47.16639	-92.3551
55725	103	258	7.02E+08	1.7E+08	271.158	65.78	48.20967	-92.1681
55726	1045	731	2.4E+08	3497146	92.699	1.35	46.67405	-92.8294
55731	5820	5202	2.18E+09	4.42E+08	841.583	170.812	47.98105	-91.6569
55732	1453	826	4.65E+08	6814598	179.52	2.631	47.67441	-92.209
55733	4616	1756	92832749	1622246	35.843	0.626	46.71383	-92.3608
55734	6213	3436	2.58E+08	15726941	99.51	6.072	47.35235	-92.4447
55735	1809	1501	3.49E+08	8346109	134.565	3.222	46.21029	-93.0102
55736	1550	1079	7.98E+08	7394276	308.156	2.855	46.95564	-92.9408
55738	544	318	2.81E+08	4039865	108.657	1.56	47.26433	-92.6603
55741	3164	1782	1.7E+08	8587806	65.51	3.316	47.46259	-92.3982
55742	344	273	1.37E+08	4290198	53.054	1.656	47.20429	-93.1367
55744	20164	9867	6.44E+08	91526302	248.711	35.339	47.23458	-93.507
55746	17228	8797	8.61E+08	24331871	332.31	9.395	47.36185	-92.9557
55748	1476	1006	3.12E+08	6366775	120.599	2.458	47.01446	-93.6213
55749	449	383	2.06E+08	1931146	79.617	0.746	46.43956	-92.4433

55750	2025	1032	3.75E+08	15094109	144.967	5.828	47.53185	-91.9637
55751	1553	708	1.59E+08	2746759	61.246	1.061	47.39732	-92.6591
55752	395	357	5.2E+08	8954215	200.803	3.457	46.95055	-93.2859
55753	989	508	1951419	0	0.753	0	47.39544	-93.0816
55756	431	351	1.26E+08	2654302	48.683	1.025	46.36118	-92.5846
55757	866	577	2.83E+08	37157	109.15	0.014	46.51254	-92.9501
55758	145	74	5526245	766172	2.134	0.296	47.50602	-92.7202
55760	3108	3932	9.6E+08	65998801	370.584	25.482	46.63759	-93.2551
55763	554	819	4.54E+08	24859711	175.114	9.598	47.34759	-92.1553
55764	569	282	15095663	700083	5.828	0.27	47.33201	-93.3067
55765	802	475	4.52E+08	2719665	174.437	1.05	47.10371	-92.7563
55766	43	56	46530511	1947588	17.966	0.752	47.26049	-92.4307
55767	4532	1727	1.41E+08	4062496	54.443	1.569	46.45072	-92.7596
55768	2843	1397	1.62E+08	6783280	62.675	2.619	47.48698	-92.6843
55769	2313	1483	4.7E+08	19170406	181.513	7.402	47.47999	-93.1839
55771	1680	2126	2.71E+09	1.85E+08	1044.933	71.539	48.1321	-92.8175
55772	76	27	38592271	19750551	14.901	7.626	48.11271	-93.1306
55775	1205	809	1.54E+08	14435235	59.386	5.573	47.32017	-93.1716
55779	3755	1654	3.44E+08	15167836	132.874	5.856	46.90885	-92.4488
55780	212	131	65857827	2580017	25.428	0.996	46.68814	-92.6989
55781	734	873	1.98E+08	13664334	76.278	5.276	47.67993	-93.0471
55782	480	281	34325986	990599	13.253	0.382	47.83295	-92.206
55783	2437	1876	2.74E+08	13176303	105.923	5.087	46.39641	-92.8924
55784	89	68	64809275	20868	25.023	0.008	47.05839	-93.1653
55785	263	243	2.91E+08	6515137	112.472	2.516	46.92158	-93.7312
55786	305	134	11065174	271072	4.272	0.105	47.31883	-93.3794
55787	525	470	2.24E+08	4285733	86.538	1.655	46.67842	-93.103
55790	1866	2476	8.61E+08	1.79E+08	332.491	69.143	47.92748	-92.2529
55792	10107	5415	2.58E+08	10207973	99.647	3.941	47.59717	-92.479
55793	615	391	2.05E+08	4873976	79.153	1.882	47.1159	-93.2861
55795	1629	962	2.21E+08	3166218	85.281	1.222	46.29787	-92.8829
55797	1441	602	1.79E+08	37930	69.19	0.015	46.5665	-92.3621
55798	581	439	2.49E+08	2263170	96.279	0.874	46.72326	-92.9678
55802	2442	1623	6636041	21889824	2.562	8.452	46.74095	-92.0493
55803	17431	8146	8.68E+08	77273245	335.012	29.835	47.0506	-92.0709
55804	14592	6194	2.36E+08	27629823	91.309	10.668	46.93135	-91.9363
55805	10194	5378	3655279	0	1.411	0	46.80083	-92.0958
55806	9576	4808	8688079	1627355	3.354	0.628	46.76813	-92.1276
55807	9963	4609	14916016	4538247	5.759	1.752	46.7355	-92.1686
55808	5846	2698	28030422	6860494	10.823	2.649	46.67628	-92.2414
55810	8702	3714	1.33E+08	137194	51.347	0.053	46.75675	-92.2694
55811	26246	10650	1.69E+08	7427560	65.129	2.868	46.84267	-92.2243
55812	10924	3666	4550597	1725747	1.757	0.666	46.80869	-92.0707
55814	772	0	117937	0	0.046	0	46.83359	-92.1979
55901	51917	21939	77370164	97	29.873	0	44.06982	-92.5066
55902	21968	9721	1.05E+08	318409	40.574	0.123	43.97122	-92.5071
55904	26332	10657	1.61E+08	0	62.308	0	43.95987	-92.4005

55905	0	0	154860	0	0.06	0	44.05595	-92.5259
55906	17598	7608	1.65E+08	1729179	63.777	0.668	44.09989	-92.4082
55909	1428	560	1.32E+08	0	51.059	0	43.56206	-92.7337
55910	1423	623	2.28E+08	1042974	87.851	0.403	44.12866	-91.9718
55912	28483	12519	4.87E+08	962938	188.105	0.372	43.68261	-92.9886
55917	3696	1540	3.49E+08	1512023	134.865	0.584	43.88482	-93.0755
55918	982	450	66918722	0	25.837	0	43.74082	-92.8465
55919	985	584	1.12E+08	22921608	43.306	8.85	43.62077	-91.3
55920	7026	2752	1.82E+08	0	70.129	0	44.01376	-92.622
55921	4964	2184	4.69E+08	2384076	181.157	0.92	43.62899	-91.4589
55922	1021	405	1.1E+08	0	42.603	0	43.55896	-91.9009
55923	4469	1881	3.18E+08	0	122.674	0	43.85103	-92.1861
55924	1303	576	2E+08	140774	77.128	0.054	44.02923	-93.0273
55925	1113	461	78570389	1058487	30.336	0.409	43.91209	-91.4584
55926	853	353	1.61E+08	0	62.212	0	43.7432	-92.7069
55927	4071	1610	2.08E+08	56260	80.151	0.022	44.03647	-92.8709
55929	1209	472	1.2E+08	0	46.291	0	43.97672	-92.1396
55931	330	164	47783313	125043	18.449	0.048	43.50981	-91.3896
55932	2042	783	1.32E+08	45127	50.85	0.017	44.15221	-92.2983
55933	273	110	68146919	0	26.312	0	43.646	-92.6806
55934	3338	1324	2.06E+08	0	79.474	0	44.00403	-92.2642
55935	939	398	1.41E+08	50801	54.496	0.02	43.75375	-92.1215
55936	1861	778	2.12E+08	11117	81.732	0.004	43.71708	-92.5777
55939	1963	902	2.11E+08	0	81.437	0	43.54343	-92.0917
55940	2666	1089	2.35E+08	88569	90.585	0.034	43.89861	-92.8095
55941	969	435	64605243	263082	24.944	0.102	43.72485	-91.3491
55943	3059	1395	4.41E+08	3088605	170.362	1.193	43.78287	-91.5828
55944	7151	2784	1.51E+08	67767	58.226	0.026	43.98983	-92.7179
55945	1458	684	2.57E+08	7637458	99.269	2.949	44.26689	-92.0524
55946	3178	1392	3.12E+08	57701	120.522	0.022	44.27321	-92.9662
55947	7513	3217	1.89E+08	17600500	73.048	6.796	43.82295	-91.3655
55949	1808	1003	2.87E+08	866738	110.625	0.335	43.71011	-91.9286
55950	169	79	1725725	0	0.666	0	43.7471	-92.9645
55951	1567	746	1.96E+08	124890	75.832	0.048	43.52923	-92.4825
55952	2529	971	1.7E+08	0	65.657	0	43.9433	-91.8436
55953	894	383	89070669	0	34.39	0	43.52658	-92.9665
55954	1442	738	1.69E+08	15097	65.395	0.006	43.55706	-91.7801
55955	2746	978	81822240	142320	31.592	0.055	44.08732	-92.7409
55956	1962	822	1.41E+08	800671	54.291	0.309	44.28607	-92.5276
55957	756	313	1.04E+08	918570	40.253	0.355	44.24873	-92.2643
55959	2321	942	96357304	13189597	37.204	5.093	44.11796	-91.7995
55960	3134	1257	91723367	1611619	35.415	0.622	44.13757	-92.534
55961	447	204	85773697	0	33.117	0	43.6084	-92.4738
55962	763	388	1.64E+08	719699	63.243	0.278	43.76212	-91.8452
55963	4988	2078	2.02E+08	305854	78.07	0.118	44.19057	-92.656
55964	4389	1788	2.32E+08	220398	89.404	0.085	44.16008	-92.158
55965	2376	1172	2.97E+08	72333	114.827	0.028	43.62319	-92.1282

55967	938	360	97498740	0	37.644	0	43.79516	-92.5134
55968	121	80	4099947	660	1.583	0	44.39705	-92.0899
55969	1117	454	79909886	0	30.853	0	44.08248	-91.8773
55970	1016	402	1.57E+08	0	60.584	0	43.59515	-92.832
55971	2993	1265	2.09E+08	379873	80.639	0.147	43.81585	-91.7557
55972	4995	1974	2.25E+08	0	86.851	0	43.99598	-92.0488
55973	285	114	74416445	0	28.732	0	43.80624	-92.7729
55974	2132	1008	2.17E+08	382366	83.807	0.148	43.57712	-91.648
55975	4335	1982	3.97E+08	85610	153.311	0.033	43.67787	-92.3645
55976	7582	3085	2.29E+08	272052	88.398	0.105	43.8658	-92.4842
55977	203	80	64010011	0	24.714	0	43.55578	-92.6481
55979	1143	399	1.52E+08	0	58.509	0	43.92038	-91.9508
55981	3961	2152	1.31E+08	18477975	50.65	7.134	44.35785	-92.0507
55982	436	197	77795047	0	30.037	0	43.81577	-92.8847
55983	1588	684	1E+08	35205	38.636	0.014	44.2914	-92.807
55985	1858	814	2.35E+08	58733	90.735	0.023	44.15822	-92.9043
55987	35629	14483	4.14E+08	21589970	159.731	8.336	43.99423	-91.6254
55990	925	438	1.2E+08	0	46.279	0	43.73218	-92.2618
55991	1490	683	1.42E+08	2587111	54.652	0.999	44.26122	-92.4186
55992	4693	2017	1.94E+08	190043	74.742	0.073	44.3224	-92.6828
56001	46327	18611	2.97E+08	3920088	114.54	1.514	44.12833	-93.9789
56003	14335	6249	1.13E+08	975230	43.724	0.377	44.21547	-94.0904
56007	21228	9789	4.38E+08	17937045	169.096	6.926	43.66099	-93.3244
56009	1613	701	2.49E+08	8303263	96.218	3.206	43.66183	-93.5464
56010	1129	538	2.11E+08	5787282	81.576	2.234	43.88616	-94.1798
56011	8925	3351	2.7E+08	4702462	104.22	1.816	44.60257	-93.7726
56013	4531	2184	4.38E+08	1779338	169.148	0.687	43.62018	-94.1038
56014	797	387	1.91E+08	221273	73.659	0.085	43.58316	-93.8179
56016	1096	462	68060846	1073455	26.278	0.414	43.76207	-93.3431
56017	1620	919	74648004	13069573	28.822	5.046	44.30535	-93.8195
56019	914	433	2.68E+08	1067838	103.487	0.412	44.1159	-94.8889
56020	115	55	2668504	894	1.03	0	43.60738	-93.5383
56021	1038	419	93142536	18714405	35.963	7.226	44.28931	-94.316
56022	70	36	247843	0	0.096	0	44.05356	-94.8393
56023	485	255	1.55E+08	562730	59.717	0.217	43.78234	-94.0136
56024	2759	1072	51440500	1354654	19.861	0.523	44.14359	-93.8388
56025	507	229	1.3E+08	33607	50.079	0.013	43.75325	-93.9174
56026	2012	863	2.73E+08	4628091	105.287	1.787	43.88578	-93.291
56027	969	478	2.02E+08	160355	77.97	0.062	43.51671	-94.1166
56028	1372	819	57752316	12431581	22.298	4.8	44.22626	-93.7174
56029	744	346	1.17E+08	3232977	45.361	1.248	43.53005	-93.5223
56031	12401	5980	4.04E+08	18306063	156.038	7.068	43.62257	-94.4685
56032	313	136	1654859	544307	0.639	0.21	43.76364	-93.5569
56033	345	196	92526446	10705	35.725	0.004	43.56506	-93.9381
56034	496	218	74444943	1841120	28.743	0.711	44.0286	-94.182
56035	546	226	1537342	33005	0.594	0.013	43.82005	-93.271
56036	1959	892	3.06E+08	1110901	117.983	0.429	43.55188	-93.221

56037	1635	664	1.85E+08	1641007	71.398	0.634	44.01695	-94.0518
56039	957	434	2.28E+08	1729038	88.164	0.668	43.66325	-94.3119
56041	1066	482	1.78E+08	10278966	68.82	3.969	44.16131	-94.5331
56042	720	325	1.36E+08	57593	52.411	0.022	43.80423	-93.4838
56043	486	221	52380015	8139	20.224	0.003	43.6494	-93.2224
56044	2082	868	2.08E+08	3691258	80.247	1.425	44.5648	-93.9566
56045	813	374	70961367	1179779	27.398	0.456	43.75706	-93.2143
56046	94	42	3785627	0	1.462	0	43.96452	-93.2714
56047	117	55	4369850	0	1.687	0	43.73226	-94.2335
56048	3898	1656	3.1E+08	13980496	119.5	5.398	44.09277	-93.7211
56050	1464	649	54055182	2251538	20.871	0.869	44.26611	-93.9454
56051	703	374	79199946	80503	30.579	0.031	43.53746	-93.7106
56052	699	328	1.24E+08	5368278	47.936	2.073	44.32742	-93.5579
56054	923	431	1.54E+08	0	59.456	0	44.43523	-94.3738
56055	3902	1721	3.06E+08	8108874	118.296	3.131	44.1285	-94.2353
56056	96	49	2689286	0	1.038	0	44.07269	-94.5795
56057	3867	1577	2.25E+08	6090567	86.811	2.352	44.39079	-93.7117
56058	5985	2578	3.34E+08	3477771	128.929	1.343	44.44177	-93.9137
56060	452	211	84864243	215137	32.766	0.083	43.93038	-94.4397
56062	3208	1400	3.26E+08	4014968	125.767	1.55	44.04624	-94.4141
56063	2724	1498	1.09E+08	21269103	42.169	8.212	44.21803	-93.8157
56065	2844	1170	3.02E+08	4234088	116.561	1.635	43.94223	-93.9284
56068	1087	506	1.7E+08	8526670	65.618	3.292	43.86531	-93.8061
56069	4467	1916	1.85E+08	10944186	71.425	4.226	44.41209	-93.5424
56071	11817	4472	2.15E+08	5902198	83.094	2.279	44.53497	-93.5794
56072	2389	1094	3.15E+08	1931884	121.738	0.746	43.89923	-93.5171
56073	16759	7364	5.18E+08	7878679	199.886	3.042	44.30483	-94.4647
56074	2004	790	2.02E+08	17851068	77.981	6.892	44.33286	-94.1969
56075	171	81	151505	0	0.058	0	43.73505	-94.4367
56078	476	190	56208014	8809	21.702	0.003	44.00592	-93.7609
56080	770	275	1194283	0	0.461	0	44.08044	-93.8544
56081	6098	2732	4.56E+08	4700363	176.249	1.815	43.99109	-94.6293
56082	13597	4646	3.21E+08	6201786	124.029	2.395	44.35729	-94.037
56083	874	429	2.55E+08	923267	98.324	0.356	44.20092	-95.1342
56085	5451	2408	5.43E+08	3022020	209.579	1.167	44.29497	-94.7386
56087	3179	1446	3.8E+08	1013060	146.563	0.391	44.24051	-94.9752
56088	1946	910	3.25E+08	1937947	125.529	0.748	43.82426	-94.4433
56089	155	86	1974897	447363	0.763	0.173	43.56157	-93.4311
56090	694	306	1.19E+08	1368562	46.09	0.528	43.95635	-94.244
56091	367	176	50117339	654500	19.35	0.253	43.92742	-93.6813
56093	12831	5152	4.65E+08	8451628	179.561	3.263	44.05857	-93.5194
56096	3021	1569	1.39E+08	11954576	53.491	4.616	44.24489	-93.6035
56097	3715	1746	4.77E+08	6386035	184.043	2.466	43.72097	-93.7133
56098	2124	1064	2.87E+08	7531069	110.767	2.908	43.79302	-94.1818
56101	5867	2793	4.47E+08	12741392	172.514	4.919	43.87998	-95.134
56110	1843	784	2.79E+08	604892	107.674	0.234	43.62154	-95.9447
56111	420	193	1.3E+08	9696	50.164	0.004	43.63936	-94.8827

56113	238	115	94344015	1795130	36.426	0.693	44.39542	-96.1532
56114	361	186	1.22E+08	1739762	47.291	0.672	43.97622	-95.5933
56115	1366	621	3.1E+08	7965701	119.561	3.076	44.20946	-95.9058
56116	628	251	1.11E+08	17475	42.668	0.007	43.61438	-96.3863
56117	399	162	66069691	825410	25.51	0.319	43.52312	-95.6874
56118	421	179	1.37E+08	2112308	52.72	0.816	43.95058	-95.0292
56119	1017	439	2.35E+08	2003497	90.546	0.774	43.71372	-95.463
56120	1121	518	2.58E+08	3489250	99.486	1.347	43.96238	-94.7926
56121	659	325	96396590	9930438	37.219	3.834	43.53598	-94.5968
56122	586	243	1.31E+08	249533	50.7	0.096	43.89845	-95.956
56123	514	323	1.8E+08	3096091	69.624	1.195	44.08694	-95.5924
56125	65	41	2621494	0	1.012	0	44.05819	-95.5529
56127	398	187	1.36E+08	13708	52.462	0.005	43.54747	-94.7647
56128	1984	853	3.04E+08	499221	117.296	0.193	43.88154	-96.1103
56129	741	344	1.21E+08	51422	46.749	0.02	43.52914	-96.0419
56131	2293	1059	4.21E+08	10216336	162.367	3.945	43.85585	-95.5725
56132	540	349	1.54E+08	9294560	59.564	3.589	44.20349	-95.7649
56134	462	206	1.32E+08	0	51.102	0	43.79569	-96.2384
56136	1118	620	2.22E+08	6409877	85.728	2.475	44.50025	-96.3952
56137	1149	554	3.04E+08	9769741	117.463	3.772	43.84037	-95.3307
56138	899	374	75037140	26714	28.972	0.01	43.53458	-96.3895
56139	430	214	1.16E+08	371857	44.638	0.144	44.10393	-96.1794
56140	59	38	214152	11365	0.083	0.004	43.90774	-96.3694
56141	323	166	1.03E+08	760403	39.746	0.294	43.87708	-95.8039
56142	981	550	2.5E+08	4853304	96.569	1.874	44.46755	-96.2312
56143	4478	2196	4.73E+08	5479613	182.435	2.116	43.6326	-95.0087
56144	1143	548	2.57E+08	629548	99.041	0.243	43.85139	-96.392
56145	622	309	1.39E+08	0	53.629	0	44.05473	-95.1757
56146	40	18	2570165	0	0.992	0	43.58006	-96.1034
56147	192	83	76698891	45361	29.614	0.018	43.75741	-96.0578
56149	1268	732	2.88E+08	9646611	111.159	3.725	44.30416	-96.3056
56150	2742	1307	4.44E+08	14454274	171.447	5.581	43.62827	-95.1972
56151	823	387	2.6E+08	1349517	100.37	0.521	44.03145	-95.9294
56152	1507	731	3.43E+08	1072915	132.287	0.414	44.23046	-95.2729
56153	224	121	9351328	1826	3.611	0.001	43.82666	-96.0031
56155	419	192	1.1E+08	70689	42.44	0.027	43.77245	-95.9448
56156	6066	2763	4.33E+08	592424	167.231	0.229	43.66178	-96.2271
56157	788	325	1.17E+08	261059	45.215	0.101	44.40418	-95.9484
56158	434	173	1.06E+08	11722	40.915	0.005	43.64063	-96.0785
56159	2928	1228	3.1E+08	1634654	119.627	0.631	43.94118	-94.9319
56160	214	111	55847011	1276839	21.563	0.493	43.84116	-94.8047
56161	400	175	84142561	701489	32.488	0.271	43.70703	-95.3248
56162	285	129	59477281	0	22.964	0	43.84171	-94.6687
56164	5969	2801	6.78E+08	765629	261.969	0.296	44.06052	-96.3427
56165	349	146	98853224	145554	38.167	0.056	43.72534	-95.7031
56166	253	110	92226710	14822	35.609	0.006	44.203	-95.381
56167	661	326	1.32E+08	6157348	50.913	2.377	43.55393	-95.4087

56168	932	424	2.53E+08	327331	97.788	0.126	43.61749	-95.8095
56169	681	315	1.41E+08	2982476	54.364	1.152	44.33833	-96.0065
56170	587	280	1.78E+08	2790887	68.779	1.078	44.17369	-96.0906
56171	1821	934	2.44E+08	7191779	94.023	2.777	43.67129	-94.7618
56172	3164	1665	3.08E+08	6378167	119.051	2.463	44.01416	-95.7755
56173	424	161	74431694	0	28.738	0	43.52472	-96.246
56174	357	194	99353938	1837782	38.361	0.71	44.01634	-95.3051
56175	3085	1562	3.54E+08	12159315	136.757	4.695	44.26015	-95.6387
56176	1137	516	1.59E+08	3906874	61.32	1.508	43.78329	-94.7205
56177	45	22	957166	0	0.37	0	43.88912	-96.2529
56178	1746	824	2.19E+08	6894123	84.624	2.662	44.28461	-96.1332
56180	1408	588	2.99E+08	463339	115.329	0.179	44.2462	-95.4596
56181	1147	550	1.7E+08	1067969	65.516	0.412	43.6777	-94.6268
56183	1263	679	2.65E+08	4819200	102.481	1.861	44.02901	-95.4311
56185	560	250	1.14E+08	115305	43.862	0.045	43.79853	-95.8242
56186	388	188	1.63E+08	174496	62.756	0.067	44.03323	-96.0743
56187	14170	5278	4.4E+08	10230747	169.817	3.95	43.62467	-95.5824
56201	23173	9593	3.1E+08	29138219	119.768	11.25	45.10219	-95.0418
56207	251	118	1.22E+08	5282944	47.068	2.04	45.4917	-96.0662
56208	2066	1200	4.88E+08	20132559	188.579	7.773	45.24672	-96.0048
56209	2339	1313	2.53E+08	20926304	97.79	8.08	45.12723	-94.8121
56210	13	14	584752	0	0.226	0	45.55989	-96.5654
56211	529	399	2.81E+08	21331412	108.42	8.236	45.57902	-96.6939
56212	531	278	2.13E+08	613923	82.321	0.237	45.13087	-96.3238
56214	725	334	1.63E+08	867032	62.752	0.335	44.60368	-95.3226
56215	4693	2244	5.47E+08	7481781	211.296	2.889	45.31772	-95.572
56216	670	279	99203891	37576	38.303	0.015	44.94251	-95.0594
56218	628	312	2.53E+08	1403098	97.83	0.542	44.82695	-95.9405
56219	1082	652	1.96E+08	11193376	75.85	4.322	45.60765	-96.8183
56220	3070	1472	7.1E+08	740215	274.31	0.286	44.73211	-96.2952
56221	773	406	3.63E+08	987054	140.084	0.381	45.54813	-96.1929
56222	1984	871	2.47E+08	32388	95.302	0.013	44.9854	-95.3568
56223	1408	670	3.03E+08	382589	116.803	0.148	44.76214	-95.8188
56224	333	166	96273153	17185	37.171	0.007	44.37281	-95.0521
56225	834	522	2.77E+08	10564319	106.76	4.079	45.441	-96.4427
56226	254	111	81611453	148391	31.51	0.057	45.42162	-95.6781
56227	223	142	1.71E+08	19878715	65.852	7.675	45.29084	-96.1688
56228	882	442	1.52E+08	996674	58.86	0.385	44.95124	-94.6852
56229	1871	804	2.53E+08	4776069	97.655	1.844	44.59404	-95.7164
56230	854	374	1.57E+08	136050	60.81	0.053	44.76346	-95.0841
56231	390	183	2.58E+08	650337	99.594	0.251	45.27945	-95.7632
56232	2415	1141	3.78E+08	7716847	145.857	2.979	44.93262	-96.0352
56235	579	298	2.31E+08	7446442	89.337	2.875	45.7097	-96.0165
56236	359	183	2.53E+08	113496	97.522	0.044	45.66447	-96.416
56237	600	274	1.71E+08	2861411	65.873	1.105	44.61661	-95.4335
56239	596	248	69558551	0	26.857	0	44.50419	-95.9104
56240	1042	489	3.87E+08	10256270	149.415	3.96	45.56259	-96.4837

56241	4166	1943	3.81E+08	3223308	146.935	1.245	44.79788	-95.5729
56243	1725	761	2.42E+08	7586717	93.579	2.929	45.17024	-94.6865
56244	1496	607	3.11E+08	2417846	120.174	0.934	45.47788	-95.7805
56245	535	210	1.22E+08	397607	47.053	0.154	44.68404	-95.6772
56248	807	433	3.51E+08	10095081	135.687	3.898	45.78615	-96.1358
56249	296	154	1.72E+08	251492	66.232	0.097	45.3188	-95.9046
56251	987	438	87482720	4344680	33.777	1.677	45.14377	-94.9203
56252	1238	543	1.88E+08	445213	72.745	0.172	45.17825	-95.3101
56253	1015	694	2.76E+08	19112267	106.687	7.379	44.95996	-94.8725
56255	394	193	1.04E+08	245258	39.968	0.095	44.39707	-95.4193
56256	2581	1380	5.98E+08	7946896	231.062	3.068	45.02869	-96.2024
56257	508	289	2.23E+08	1729040	86.045	0.668	44.96926	-96.4022
56258	15617	6512	5.01E+08	1176929	193.498	0.454	44.44607	-95.7582
56260	929	413	2.46E+08	207948	95.059	0.08	44.96328	-95.483
56262	724	355	1.71E+08	6795471	66.089	2.624	45.11507	-95.8697
56263	541	240	1.29E+08	545055	49.664	0.21	44.42149	-95.5325
56264	2204	987	3.27E+08	271731	126.291	0.105	44.57025	-95.9847
56265	7757	3532	6.9E+08	2911844	266.364	1.124	44.99982	-95.7065
56266	1628	737	2.66E+08	544718	102.605	0.21	44.42106	-94.9146
56267	6807	2803	5.25E+08	13235188	202.56	5.11	45.58255	-95.9287
56270	1061	445	1.04E+08	398683	40.108	0.154	44.57038	-94.9874
56271	1196	540	3.88E+08	4351593	149.705	1.68	45.24475	-95.405
56273	4797	2352	2.55E+08	29142991	98.366	11.252	45.31788	-94.9799
56274	177	94	1.94E+08	0	74.998	0	45.90222	-96.2457
56276	298	151	1.42E+08	7418614	54.876	2.864	45.24643	-96.3242
56277	3191	1432	2.77E+08	78768	106.963	0.03	44.75618	-94.9855
56278	2601	1612	3.33E+08	27930896	128.686	10.784	45.348	-96.38
56279	1271	533	1.56E+08	8132967	60.174	3.14	45.21883	-95.1698
56280	480	237	1.8E+08	247717	69.671	0.096	44.63261	-96.1683
56281	619	261	31890800	0	12.313	0	44.95324	-95.1693
56282	1510	631	2.73E+08	1102121	105.439	0.426	45.04013	-95.2285
56283	6636	3073	4.59E+08	2663063	177.103	1.028	44.528	-95.1388
56284	2111	955	3.64E+08	257827	140.557	0.1	44.78189	-95.1984
56285	1096	526	2.53E+08	197653	97.705	0.076	44.7887	-95.3461
56287	81	35	1143475	1268	0.441	0	44.47576	-95.3264
56288	4696	2788	1.22E+08	42912603	46.947	16.569	45.24121	-94.9515
56289	634	390	1.27E+08	13004533	48.92	5.021	45.33319	-95.2245
56291	501	230	1.75E+08	409651	67.496	0.158	44.62674	-96.0819
56292	636	261	1.54E+08	408598	59.547	0.158	44.50207	-95.4565
56293	1223	525	2.2E+08	594405	84.909	0.23	44.41651	-95.2599
56294	84	41	666887	8054	0.257	0.003	44.31322	-95.2135
56295	310	146	57449005	3005423	22.181	1.16	45.03581	-95.8267
56296	2029	1132	6.47E+08	11110053	249.643	4.29	45.82683	-96.4625
56297	867	367	1.71E+08	3871496	65.935	1.495	44.63663	-95.5294
56301	32434	12235	1.92E+08	5196441	74.217	2.006	45.48708	-94.2428
56303	25984	11528	28920053	549983	11.166	0.212	45.57449	-94.2137
56304	16020	6882	1.55E+08	4420615	59.955	1.707	45.53041	-94.0572

56307	5157	1981	2.78E+08	4699744	107.247	1.815	45.62681	-94.591
56308	23961	12937	4.04E+08	97036169	155.873	37.466	45.87839	-95.3861
56309	1185	774	1.42E+08	27539291	54.773	10.633	46.07949	-95.8057
56310	5120	2130	1.85E+08	10743982	71.606	4.148	45.63429	-94.4502
56311	757	375	1.83E+08	10693718	70.644	4.129	45.89747	-95.8956
56312	2365	998	4.49E+08	7139045	173.269	2.756	45.47012	-94.9618
56313	106	49	378664	0	0.146	0	45.78414	-93.5527
56314	1258	497	1.1E+08	928926	42.458	0.359	45.8147	-94.433
56315	1591	919	1.8E+08	23054936	69.592	8.902	45.98014	-95.5941
56316	1580	722	3.5E+08	11427057	135.316	4.412	45.4883	-95.1627
56318	1238	873	1.03E+08	10916489	39.894	4.215	45.85304	-94.6745
56319	1321	668	1.04E+08	196577	40.191	0.076	46.01082	-95.2157
56320	8080	3380	1.39E+08	10270215	53.572	3.965	45.46663	-94.4028
56321	1536	2	1716841	659594	0.663	0.255	45.57903	-94.3895
56323	496	248	94364245	2394735	36.434	0.925	45.62963	-95.7239
56324	1115	647	1.46E+08	33143844	56.35	12.797	46.16895	-95.9041
56325	211	91	419514	0	0.162	0	45.56282	-94.9469
56326	1526	807	2.45E+08	33609989	94.627	12.977	46.03956	-95.6708
56327	803	557	1.3E+08	18604376	50.079	7.183	45.75447	-95.608
56328	128	55	3620411	0	1.398	0	45.95476	-94.5175
56329	7367	2838	4.96E+08	265095	191.341	0.102	45.70907	-93.9148
56330	1691	671	1.03E+08	141222	39.805	0.055	45.75324	-93.7564
56331	2019	764	1.8E+08	4364553	69.349	1.685	45.679	-94.6717
56332	1407	684	1.32E+08	8031773	50.979	3.101	45.96706	-95.508
56334	5497	3392	5.2E+08	48347058	200.821	18.667	45.57438	-95.3368
56335	199	95	1336224	0	0.516	0	45.60029	-94.8616
56336	1514	1128	1.29E+08	14957783	49.662	5.775	45.82069	-94.7626
56338	1691	1305	4.35E+08	15865836	167.816	6.126	46.04312	-93.8542
56339	1129	609	1.63E+08	7351681	62.879	2.839	45.82485	-95.8109
56340	2288	919	1.28E+08	8115	49.364	0.003	45.75947	-94.429
56342	2739	2611	4.9E+08	56277766	189.28	21.729	46.18419	-93.3699
56343	926	511	1.79E+08	15584212	69.022	6.017	45.78591	-95.705
56345	14786	6455	5.88E+08	10561046	226.978	4.078	45.98842	-94.3735
56347	7062	2961	4.86E+08	9789442	187.57	3.78	45.96748	-94.872
56349	733	357	1.11E+08	19507161	42.732	7.532	45.72616	-95.513
56350	570	570	5.93E+08	1028584	229.082	0.397	46.30503	-93.2304
56352	5868	2412	2.93E+08	7611367	113.029	2.939	45.6418	-94.8064
56353	8996	3789	4.8E+08	3133891	185.513	1.21	45.80366	-93.6291
56354	1367	1042	1.09E+08	9132898	41.956	3.526	46.05744	-95.2485
56355	579	237	67096120	443838	25.906	0.171	45.94144	-95.2457
56356	300	129	992921	0	0.383	0	45.62895	-94.7535
56357	1029	389	95998110	15731	37.065	0.006	45.69772	-93.8007
56358	3256	1413	3.19E+08	4588187	123.099	1.772	45.84548	-93.45
56359	3878	2240	5.02E+08	2.22E+08	193.951	85.692	46.09957	-93.6653
56360	3917	2530	3.36E+08	34760645	129.605	13.421	45.89549	-95.1166
56361	2403	1269	4.04E+08	19399172	155.85	7.49	46.15679	-95.3377
56362	5844	2978	3.81E+08	19310255	147.159	7.456	45.40188	-94.7121

56363	155	59	992811	1470	0.383	0.001	45.69674	-93.6524
56364	5416	2244	6.18E+08	2568989	238.418	0.992	46.00501	-94.073
56367	6263	2519	2.62E+08	8965152	101.267	3.461	45.76376	-94.182
56368	4239	2376	1.78E+08	16609329	68.89	6.413	45.46455	-94.5615
56369	528	235	2430006	0	0.938	0	45.46701	-94.3454
56371	99	54	1182083	0	0.456	0	45.43323	-94.6366
56373	3051	1168	2.61E+08	5959018	100.595	2.301	45.85974	-94.2306
56374	9868	3209	1.76E+08	4964185	67.869	1.917	45.67003	-94.3033
56375	852	317	9468836	0	3.656	0	45.70088	-94.2743
56376	358	138	4718361	0	1.822	0	45.50564	-94.6795
56377	17648	6771	54261529	1768110	20.95	0.683	45.64615	-94.2478
56378	7778	3605	5.47E+08	19177899	211.363	7.405	45.72503	-94.9873
56379	16163	6573	2.34E+08	2555389	90.457	0.987	45.63968	-94.0827
56381	2458	1380	3.92E+08	30311983	151.472	11.704	45.55667	-95.5379
56382	1540	664	1.89E+08	5097877	72.84	1.968	45.90786	-94.5983
56384	328	161	2828985	0	1.092	0	45.80944	-94.5672
56385	928	681	1.68E+08	9290125	64.869	3.587	45.70087	-95.2322
56386	652	593	51629023	14005142	19.934	5.407	46.11433	-93.5193
56387	6734	3428	21967084	0	8.482	0	45.53288	-94.2397
56389	111	42	1530267	331419	0.591	0.128	45.79747	-95.0915
56401	29439	14910	8.43E+08	96414001	325.654	37.226	46.32292	-94.1252
56425	7655	3188	49047370	6951429	18.937	2.684	46.34394	-94.276
56431	8931	7858	1.17E+09	3.38E+08	451.872	130.614	46.48993	-93.636
56433	1840	1360	3.15E+08	21039336	121.657	8.123	46.97371	-94.697
56434	235	99	38677248	0	14.933	0	46.33844	-94.9347
56435	2372	2186	4.15E+08	40107390	160.141	15.486	46.82293	-94.5395
56436	67	26	1685552	46874	0.651	0.018	47.16126	-94.6885
56437	1380	540	1.72E+08	12974	66.56	0.005	46.24806	-95.0568
56438	2949	1461	3.72E+08	6303033	143.729	2.434	46.1386	-94.8192
56440	1409	598	1.41E+08	29075	54.318	0.011	46.14195	-94.9551
56441	3596	2066	2.05E+08	21393408	79.335	8.26	46.5778	-93.9815
56442	2381	3136	91762613	30969037	35.43	11.957	46.67746	-94.1015
56443	1417	1491	2.61E+08	26984780	100.83	10.419	46.17889	-94.6198
56444	3087	2768	1.44E+08	36344526	55.785	14.033	46.42053	-93.8789
56446	1597	773	2.58E+08	1053350	99.614	0.407	46.12884	-95.0975
56447	1150	1480	2.55E+08	25544794	98.394	9.863	46.73871	-93.915
56448	332	613	69695250	8807321	26.909	3.401	46.76622	-94.1193
56449	1769	827	2.39E+08	6262759	92.094	2.418	46.18473	-94.249
56450	1017	1209	66380882	14585814	25.63	5.632	46.23126	-93.8315
56452	1755	3223	2.53E+08	73508581	97.641	28.382	46.95671	-94.4486
56453	871	423	1.41E+08	351845	54.606	0.136	46.316	-95.1754
56455	1488	785	63155231	6887383	24.384	2.659	46.44098	-94.0006
56456	50	24	1918995	0	0.741	0	46.63775	-94.3373
56458	357	292	65015985	5648180	25.103	2.181	47.19334	-94.9753
56461	3241	2033	7.1E+08	33400190	274.023	12.896	47.23207	-94.8539
56464	4336	2539	6.57E+08	17185336	253.815	6.635	46.77289	-95.1241
56465	2062	1693	1E+08	35344291	38.786	13.647	46.53733	-94.1144

56466	3116	2136	4.84E+08	14541575	186.81	5.615	46.42053	-94.6427
56467	2412	2484	3.15E+08	42175845	121.735	16.284	46.99273	-94.8186
56468	4589	3694	1.34E+08	62580722	51.628	24.163	46.49031	-94.2906
56469	998	1199	7.09E+08	18796155	273.562	7.257	46.78124	-93.5668
56470	10334	7407	1.01E+09	95242626	390.862	36.773	47.0275	-95.0986
56472	7459	5803	4.03E+08	56476433	155.789	21.806	46.57726	-94.3562
56473	3380	1747	2.09E+08	10987551	80.618	4.242	46.35753	-94.4933
56474	4244	2739	6.3E+08	46593015	243.271	17.99	46.71985	-94.4028
56475	1655	738	1.74E+08	1557322	67.083	0.601	46.07972	-94.546
56477	2758	1404	6.15E+08	2304376	237.58	0.89	46.64462	-95.0002
56479	5384	2631	5.13E+08	9784750	198.039	3.778	46.4426	-94.7902
56481	2031	958	3.83E+08	1063853	147.891	0.411	46.47542	-94.9197
56482	6666	3016	3.4E+08	309150	131.29	0.119	46.4642	-95.1478
56484	3205	2640	2.35E+08	2.46E+08	90.645	94.87	47.09364	-94.4684
56501	16290	9412	4.84E+08	94950156	187.012	36.66	46.83728	-95.814
56510	2333	1131	6.11E+08	1719355	235.987	0.664	47.35881	-96.5249
56511	1878	1195	1.68E+08	16723937	64.894	6.457	46.83995	-95.9953
56514	3696	1560	5.54E+08	1242841	213.918	0.48	46.64271	-96.4288
56515	2892	3037	2.58E+08	90586624	99.443	34.976	46.29401	-95.693
56516	294	140	2.08E+08	1731040	80.196	0.668	47.44204	-95.976
56517	279	118	2.46E+08	0	94.836	0	47.56034	-96.5496
56518	388	156	48436798	219559	18.702	0.085	46.49007	-95.2504
56519	300	150	2.45E+08	215540	94.721	0.083	47.16194	-96.479
56520	3983	1868	3.19E+08	337104	123.028	0.13	46.28975	-96.4971
56521	757	313	1.74E+08	6238069	67.289	2.409	46.9993	-95.9018
56522	538	271	3.79E+08	109882	146.396	0.042	46.13192	-96.3794
56523	539	228	2.15E+08	0	82.969	0	47.65024	-96.8134
56524	661	787	1.04E+08	19599916	40.3	7.568	46.21679	-95.6155
56525	106	48	5421187	0	2.093	0	46.66633	-96.7501
56527	840	412	1.35E+08	1540495	52.165	0.595	46.37832	-95.3197
56528	1673	1729	1.68E+08	58984766	64.76	22.774	46.52135	-95.8238
56529	4026	1728	12789955	23724	4.938	0.009	46.87714	-96.6902
56531	1994	1093	4.14E+08	16930216	159.658	6.537	45.98727	-95.9813
56533	291	141	45845165	2787857	17.701	1.076	46.409	-96.1565
56534	1164	632	1.6E+08	15680404	61.837	6.054	46.47157	-96.0114
56535	1363	885	2.18E+08	15938133	83.989	6.154	47.67758	-96.0419
56536	482	224	2.64E+08	243758	101.881	0.094	47.04679	-96.523
56537	18548	8876	7.38E+08	55869666	285.057	21.571	46.27535	-96.0899
56540	1962	920	4.9E+08	8003409	189.313	3.09	47.55771	-96.2696
56541	24	14	5183684	3691	2.001	0.001	47.16239	-96.1415
56542	2829	1377	4.95E+08	27507038	191.298	10.621	47.55033	-95.7362
56543	276	130	1.73E+08	0	66.738	0	46.28701	-96.3383
56544	5294	2673	4.98E+08	43717207	192.307	16.879	46.75778	-95.6054
56545	682	347	4.02E+08	873395	155.249	0.337	47.39063	-96.242
56546	346	147	1.56E+08	3230	60.291	0.001	47.10023	-96.7273
56547	2700	998	4.02E+08	335186	155.222	0.129	46.88947	-96.5537
56548	771	399	1.66E+08	905163	64.122	0.349	47.36827	-96.7454

56549	4508	1963	5.41E+08	10763125	208.704	4.156	46.84745	-96.3123
56550	414	203	1.5E+08	1303490	57.896	0.503	47.27393	-96.7431
56551	2237	1452	2.79E+08	18130447	107.81	7	46.31739	-95.4469
56552	429	199	1.25E+08	4005906	48.367	1.547	46.98461	-96.2043
56553	293	127	1.63E+08	0	62.791	0	46.42883	-96.6183
56554	2709	1866	3.05E+08	42570859	117.813	16.437	46.88553	-96.1161
56556	1160	545	2.55E+08	5576807	98.569	2.153	47.66295	-95.88
56557	2811	1248	6.37E+08	18571410	246.062	7.17	47.31722	-95.795
56560	40766	16298	4.1E+08	0	158.28	0	46.84203	-96.7356
56565	107	52	74545971	0	28.782	0	46.04959	-96.2976
56566	668	262	46489491	9569538	17.95	3.695	47.23891	-95.6129
56567	3169	1560	3.84E+08	5717912	148.089	2.208	46.54983	-95.3744
56568	142	89	86972838	101454	33.58	0.039	47.53497	-96.7629
56569	1357	809	3.27E+08	22431269	126.316	8.661	47.07377	-95.8597
56570	1238	816	2.52E+08	23171479	97.451	8.947	46.91793	-95.3671
56571	1800	1589	1.19E+08	48793391	46.043	18.839	46.43386	-95.5427
56572	5454	3893	4.24E+08	88409574	163.846	34.135	46.60218	-96.0737
56573	5993	3340	3.58E+08	47144790	138.157	18.203	46.61877	-95.5483
56574	266	132	1.53E+08	1481015	59.006	0.572	47.20212	-96.7143
56575	763	582	3.89E+08	37064722	150.295	14.311	47.04241	-95.4348
56576	799	844	1.02E+08	39757871	39.492	15.351	46.46311	-95.6994
56577	21	15	786496	278243	0.304	0.107	46.97438	-95.8012
56578	747	625	1.78E+08	42070031	68.681	16.243	46.94089	-95.6415
56579	1136	539	5.07E+08	2113271	195.789	0.816	46.46353	-96.339
56580	1171	440	1.65E+08	195393	63.515	0.075	46.73606	-96.604
56581	287	165	1.03E+08	290429	39.662	0.112	47.46233	-96.7618
56583	168	96	2.08E+08	0	80.139	0	46.01057	-96.411
56584	1553	772	3.53E+08	2584885	136.208	0.998	47.22367	-96.2374
56585	1049	481	3.04E+08	520998	117.451	0.201	47.08837	-96.2463
56586	1839	1292	1.86E+08	33550701	71.923	12.954	46.31827	-95.8309
56587	1404	1132	1.48E+08	23968185	57.281	9.254	46.63663	-95.8565
56588	568	421	1.37E+08	12470669	52.939	4.815	46.20914	-95.4969
56589	1975	1456	6.39E+08	55779885	246.646	21.537	47.16733	-95.7457
56590	373	204	2E+08	5233263	77.366	2.021	46.0504	-96.1533
56591	170	62	2231367	155131	0.862	0.06	47.08596	-95.8424
56592	516	243	1.51E+08	2638744	58.479	1.019	47.5382	-96.0095
56593	14	11	46180	0	0.018	0	46.80354	-95.3535
56594	440	201	2.48E+08	0	95.568	0	46.54826	-96.643
56601	32225	14446	9.48E+08	1.32E+08	365.962	51.119	47.50736	-94.864
56621	4639	2378	8.12E+08	23346440	313.544	9.014	47.41906	-95.4129
56623	2749	2102	1.23E+09	36312833	473.176	14.02	48.59745	-94.6006
56626	356	271	1.49E+08	19281333	57.685	7.445	47.32054	-94.2461
56627	309	346	2.18E+09	2595599	842.024	1.002	48.25613	-94.0707
56628	1681	1910	6.47E+08	63498232	249.622	24.517	47.69421	-93.59
56629	197	216	6.45E+08	4395294	248.848	1.697	48.54516	-94.1016
56630	2117	1177	7.09E+08	13166222	273.749	5.084	47.75703	-94.4978
56633	4541	2516	5.71E+08	2.24E+08	220.378	86.387	47.31878	-94.5012

56634	1639	817	3.1E+08	5362368	119.564	2.07	47.68073	-95.3981
56636	5137	3215	1.17E+09	2.83E+08	450.174	109.42	47.43794	-93.9192
56637	227	176	61567106	8465827	23.771	3.269	47.60812	-93.83
56639	459	486	7.82E+08	13506873	301.902	5.215	47.91784	-93.5363
56641	324	354	81814324	19634243	31.589	7.581	47.22236	-94.2528
56644	787	528	2.68E+08	6221427	103.291	2.402	47.79701	-95.4951
56646	355	208	2.03E+08	3087391	78.411	1.192	47.77359	-95.6327
56647	839	520	2.08E+08	17808848	80.483	6.876	47.68994	-94.6187
56649	9932	5312	6.67E+08	2.38E+08	257.553	91.71	48.57499	-92.9171
56650	722	606	4.65E+08	261497	179.523	0.101	47.99806	-94.5575
56651	538	476	1.73E+08	8730230	66.683	3.371	47.4545	-95.6167
56652	539	350	2.18E+08	8294138	84.151	3.202	47.73348	-95.2485
56653	1336	816	1.64E+09	3363887	631.288	1.299	48.27209	-93.5096
56654	153	110	3.06E+08	1836624	118.257	0.709	48.47394	-93.9768
56655	1303	2188	2.73E+08	72977768	105.28	28.177	47.02893	-94.2313
56657	304	551	1.44E+08	22894967	55.536	8.84	47.57301	-93.6343
56658	6	28	1.88E+08	29914	72.494	0.012	48.06334	-93.8424
56659	54	78	34047830	3473133	13.146	1.341	47.65309	-94.0174
56660	240	200	4.67E+08	1070580	180.242	0.413	47.99131	-94.1924
56661	942	793	1.02E+09	26405935	392.846	10.195	47.86056	-94.1954
56662	511	1174	1.55E+08	14646965	59.881	5.655	46.86219	-93.853
56663	220	224	1.47E+08	30665240	56.6	11.84	47.46643	-94.4466
56666	1066	307	1.14E+08	20657	43.963	0.008	48.03324	-94.8212
56667	662	336	2.38E+08	20327468	91.855	7.848	47.72259	-94.9685
56668	136	77	402637	5737	0.155	0.002	48.61339	-93.3469
56669	375	480	5.69E+08	49714243	219.514	19.195	48.38395	-93.1355
56670	1440	429	1.2E+08	1761661	46.478	0.68	47.85326	-94.8636
56671	3371	1078	5.72E+08	15721403	220.949	6.07	47.89513	-95.3054
56672	2097	2670	1.12E+09	1.01E+08	432.861	39.099	47.0725	-94.0018
56673	795	626	3.04E+08	21032421	117.461	8.121	48.82233	-95.1055
56676	1663	1029	5.28E+08	24027728	203.941	9.277	47.53965	-95.1958
56678	1321	645	3.2E+08	5781497	123.417	2.232	47.42195	-95.1181
56680	117	185	74930206	7898397	28.931	3.05	47.65909	-93.9572
56681	318	324	2.69E+08	25907001	103.969	10.003	47.61176	-94.2374
56683	772	439	1.6E+08	16474892	61.904	6.361	47.73631	-94.7511
56684	282	172	2.59E+08	559030	99.992	0.216	47.85562	-95.6989
56685	117	293	3.26E+08	404015	126.03	0.156	48.23869	-94.5313
56686	984	832	4.57E+08	8912691	176.298	3.441	48.78405	-94.9117
56687	73	37	4462427	31621	1.723	0.012	47.50102	-94.9941
56688	157	185	2.88E+08	4462812	111.202	1.723	47.77296	-93.9122
56701	12690	5693	9.88E+08	3969178	381.418	1.533	48.1212	-96.192
56710	490	237	1.09E+08	0	42.171	0	48.21539	-97.0018
56711	96	243	48964391	27324586	18.905	10.55	49.31107	-94.959
56713	1022	470	4.95E+08	43524	191.291	0.017	48.35136	-96.8145
56714	1157	593	5.38E+08	104548	207.543	0.04	48.78386	-96.0046
56715	350	171	1.66E+08	0	64.091	0	47.80897	-95.9413
56716	9416	3865	8.21E+08	98855	316.876	0.038	47.74325	-96.5554

56720	57	27	49193912	7466	18.994	0.003	48.56975	-96.893
56721	10096	4220	4.88E+08	1219495	188.603	0.471	47.96973	-96.947
56722	386	167	3.75E+08	62412	144.696	0.024	47.98509	-96.646
56723	970	410	2.95E+08	0	113.97	0	47.80941	-96.8064
56724	159	131	2.97E+08	0	114.797	0	48.4458	-95.7359
56725	978	470	7.55E+08	125685	291.32	0.049	48.15037	-95.7977
56726	1631	795	8.14E+08	840861	314.338	0.325	48.7538	-96.2392
56727	769	630	2.13E+09	1250041	822.589	0.483	48.28872	-95.4121
56728	1364	747	5.02E+08	2995971	193.921	1.157	48.78251	-97.0082
56729	140	79	1.47E+08	729770	56.9	0.282	48.66968	-96.5691
56731	93	47	97706126	11616	37.725	0.004	48.91302	-97.0726
56732	1136	627	3.64E+08	2943341	140.468	1.136	48.58421	-96.4673
56733	390	234	3.8E+08	930143	146.562	0.359	48.63807	-96.8958
56734	467	339	4.72E+08	3070387	182.254	1.185	48.7703	-96.6025
56735	816	487	8.79E+08	8880522	339.259	3.429	48.91018	-96.6353
56736	903	978	2.76E+08	10890441	106.464	4.205	47.70867	-96.1915
56737	871	496	4.95E+08	34606836	191.281	13.362	48.43447	-96.0367
56738	1368	626	4.63E+08	3663	178.937	0.001	48.33491	-96.3357
56741	23	159	13085194	749612	5.052	0.289	49.30687	-94.8532
56742	918	447	3.29E+08	57964	126.937	0.022	47.92829	-95.807
56744	621	305	2.66E+08	4989934	102.538	1.927	48.24381	-97.1276
56748	600	291	2.24E+08	0	86.678	0	47.92197	-96.0103
56750	2539	1171	6E+08	192475	231.606	0.074	47.89302	-96.2945
56751	5575	2599	1.21E+09	6973723	467.489	2.693	48.80982	-95.7333
56754	546	246	95563598	332159	36.897	0.128	47.99911	-96.1885
56755	102	70	1.24E+08	575872	48.03	0.222	48.97033	-97.0972
56756	799	362	2.75E+08	21894	106.025	0.008	48.89331	-95.5383
56757	932	523	5.74E+08	1349147	221.464	0.521	48.47809	-96.8981
56758	418	247	2.76E+08	513181	106.675	0.198	48.46537	-96.5112
56759	364	200	3.81E+08	6461198	147.109	2.495	48.55453	-96.0701
56760	358	174	1.93E+08	0	74.333	0	48.24357	-96.4533
56761	488	272	2.76E+08	0	106.577	0	48.60268	-95.6962
56762	2494	1164	8.8E+08	0	339.93	0	48.16875	-96.7396
56763	5180	2427	6.29E+08	1796250	243.016	0.694	48.8153	-95.3609
57001	1672	792	3.29E+08	283979	127.2	0.11	42.9892	-96.6377
57002	863	394	1.54E+08	0	59.458	0	44.29645	-96.6769
57003	1879	706	1.25E+08	389087	48.183	0.15	43.74631	-96.7553
57004	3356	1489	5.15E+08	196152	198.932	0.076	43.07978	-96.7912
57005	10473	3854	1.33E+08	687445	51.434	0.265	43.59207	-96.5857
57006	24530	9745	4.03E+08	4414464	155.484	1.704	44.31542	-96.7975
57010	493	251	1.46E+08	2951495	56.422	1.14	42.81918	-96.8162
57012	1160	496	2.21E+08	1968935	85.162	0.76	43.59454	-97.2772
57013	4440	1886	3.54E+08	508742	136.751	0.196	43.27838	-96.6175
57014	1471	688	3.44E+08	46370	132.959	0.018	43.1118	-96.9564
57015	787	328	1.27E+08	0	49.003	0	43.41838	-96.98
57016	693	469	87857373	5196130	33.922	2.006	43.89902	-96.959
57017	1340	568	3.26E+08	1502128	125.792	0.58	44.01516	-96.8491

57018	1372	585	2.12E+08	3875279	81.744	1.496	43.79789	-96.981
57020	1502	533	41972793	9697	16.206	0.004	43.68128	-96.8202
57021	276	133	80628174	76061	31.131	0.029	43.26482	-96.9722
57022	4996	1985	3.4E+08	1219338	131.224	0.471	43.8409	-96.7172
57024	428	183	82752845	0	31.951	0	43.98852	-96.6792
57025	2795	1221	3.43E+08	5785785	132.544	2.234	42.7284	-96.6977
57026	1458	603	4.08E+08	94756	157.648	0.037	44.25993	-96.5184
57027	109	44	15228398	47851	5.88	0.018	43.18	-96.5172
57028	3448	1528	5.18E+08	974210	200.112	0.376	44.06174	-96.5998
57029	2023	1007	4.96E+08	249325	191.451	0.096	43.33906	-97.4848
57030	2959	1145	3.89E+08	1012423	150.198	0.391	43.7383	-96.5196
57031	741	315	1.25E+08	5390033	48.336	2.081	42.87532	-97.1857
57032	5906	2140	1.26E+08	352835	48.792	0.136	43.42419	-96.6781
57033	4713	1753	3.04E+08	3441167	117.26	1.329	43.61797	-96.9609
57034	712	318	1.88E+08	34856	72.458	0.013	43.11993	-96.5538
57035	1200	487	2.23E+08	5005072	85.988	1.932	43.62718	-97.0805
57036	811	373	2.36E+08	793895	91.191	0.307	43.27814	-97.1391
57037	819	369	2.58E+08	126217	99.628	0.049	43.10456	-97.2492
57038	1667	672	1.38E+08	6536530	53.424	2.524	42.58516	-96.5766
57039	3265	1361	2.29E+08	21464	88.27	0.008	43.33784	-96.8749
57040	389	189	1.7E+08	188633	65.777	0.073	43.06103	-97.5874
57041	97	44	7709918	0	2.977	0	43.72977	-96.8676
57042	8415	3845	5.31E+08	11087962	205.204	4.281	43.98659	-97.1567
57043	1378	636	2.83E+08	36983	109.169	0.014	43.42261	-97.3101
57045	996	500	3.16E+08	472221	122.038	0.182	43.20501	-97.5284
57046	626	274	1.22E+08	1876467	47.007	0.725	42.95764	-97.3066
57047	256	122	38182366	0	14.742	0	43.52067	-97.212
57048	1170	448	3.31E+08	1062280	127.729	0.41	43.74198	-97.2003
57049	5789	2482	36144043	4363802	13.955	1.685	42.53147	-96.5076
57050	191	83	1.04E+08	2171638	39.985	0.838	44.1572	-97.0128
57051	263	174	1.65E+08	4530351	63.75	1.749	44.23268	-97.3379
57052	452	128	1.89E+08	135279	73.145	0.052	43.29236	-97.708
57053	1893	841	3.68E+08	0	142.265	0	43.41006	-97.1403
57054	502	263	2.99E+08	957422	115.299	0.37	44.13149	-97.2598
57055	1090	449	45169293	195419	17.44	0.075	43.66685	-96.7439
57057	152	63	74555489	258586	28.786	0.1	44.10223	-96.9593
57058	1973	911	4.12E+08	1621009	159.058	0.626	43.73819	-97.3952
57059	1522	705	3.88E+08	679166	149.778	0.262	43.11921	-97.7643
57061	102	49	561797	0	0.217	0	44.24235	-97.044
57062	2410	694	2.62E+08	16574288	101.146	6.399	42.8462	-97.9452
57063	1006	388	2.36E+08	38772010	90.976	14.97	42.93027	-97.6846
57064	5072	1790	67377032	0	26.014	0	43.45593	-96.8738
57065	397	172	78416394	0	30.277	0	43.90458	-96.6156
57066	1508	731	3.03E+08	87913	117.04	0.034	42.99005	-97.8694
57067	537	204	1.69E+08	902793	65.368	0.349	43.04559	-97.469
57068	1512	622	1.16E+08	76523	44.836	0.03	43.57502	-96.4956
57069	11988	4767	4.25E+08	7859051	164.274	3.034	42.84316	-96.9752

57070	1387	753	2.45E+08	708335	94.743	0.273	43.18007	-97.1734
57071	2758	1221	3.09E+08	3991801	119.269	1.541	44.27281	-96.9584
57072	584	267	2.24E+08	493099	86.658	0.19	42.98867	-97.1886
57073	711	347	1.79E+08	49433	68.981	0.019	43.00596	-97.0551
57075	893	730	1.76E+08	10579702	67.995	4.085	44.00438	-96.959
57076	521	153	3.21E+08	198748	123.781	0.077	43.97153	-97.3597
57077	1324	508	1.18E+08	66213	45.554	0.026	43.32185	-96.7564
57078	19121	8204	2.89E+08	11965942	111.597	4.62	42.91565	-97.4467
57103	34480	14067	31114106	297578	12.013	0.115	43.54583	-96.6901
57104	25901	12105	72467590	617751	27.98	0.239	43.6048	-96.7086
57105	22268	10052	18066824	155761	6.976	0.06	43.5203	-96.7356
57106	39852	17425	78058325	153095	30.138	0.059	43.50734	-96.84
57107	8044	3249	1.26E+08	412814	48.568	0.159	43.59762	-96.8204
57108	17267	7283	79890940	59707	30.846	0.023	43.47953	-96.705
57110	12309	4788	52606858	408628	20.312	0.158	43.54549	-96.6426
57117	61	0	243309	0	0.094	0	43.53124	-96.755
57197	959	0	219695	0	0.085	0	43.52457	-96.7386
57201	24983	11415	8.4E+08	35360391	324.44	13.653	44.93672	-97.0928
57212	2062	1039	5.91E+08	27210644	228.002	10.506	44.37873	-97.1391
57213	485	300	1.78E+08	10000081	68.587	3.861	44.55349	-96.5295
57214	75	37	10702285	0	4.132	0	44.50198	-97.2048
57216	1044	728	1.62E+08	16023835	62.515	6.187	45.30324	-96.5298
57217	244	149	2.61E+08	6509384	100.933	2.513	45.07248	-97.6775
57218	327	146	1.81E+08	315826	69.928	0.122	44.65238	-96.5921
57219	567	292	4.13E+08	9286470	159.309	3.586	45.29064	-97.7961
57220	767	428	2.86E+08	9775568	110.278	3.774	44.46706	-96.9175
57221	808	321	2.66E+08	2593364	102.679	1.001	44.59663	-97.4565
57223	1356	602	3.31E+08	9996815	127.829	3.86	44.71024	-97.0125
57224	195	95	1.34E+08	619362	51.759	0.239	45.85916	-97.1343
57225	1873	887	7.23E+08	6424936	279.262	2.481	44.88819	-97.7284
57226	2072	949	4.91E+08	14492237	189.68	5.595	44.78816	-96.7141
57227	434	416	1.13E+08	3389943	43.445	1.309	45.36155	-96.7048
57231	1695	887	7.08E+08	31224488	273.386	12.056	44.36152	-97.572
57232	299	284	2.07E+08	48104403	79.737	18.573	45.62347	-97.3926
57233	118	68	88798233	0	34.285	0	44.51195	-97.3983
57234	1274	691	2.62E+08	11293498	101.059	4.36	44.61029	-96.8943
57235	844	349	3.53E+08	19094564	136.305	7.372	45.06836	-97.2951
57236	118	71	1.27E+08	578217	49.037	0.223	44.98555	-97.5856
57237	665	473	2.46E+08	6055893	94.961	2.338	44.7977	-96.5005
57238	483	210	1.96E+08	4144790	75.773	1.6	44.87336	-96.8609
57239	223	437	1.18E+08	6281486	45.636	2.425	45.50921	-97.2993
57241	1048	389	2.62E+08	18214654	101.065	7.033	44.69555	-97.2162
57242	432	163	2.12E+08	343558	81.906	0.133	44.77072	-97.3655
57243	604	270	3.09E+08	15666677	119.334	6.049	44.91313	-97.4428
57245	126	54	1254867	0	0.485	0	44.89758	-96.9182
57246	161	77	79343661	59351	30.635	0.023	45.05491	-96.667
57247	320	460	1.49E+08	28077908	57.49	10.841	45.71741	-97.4378

57248	1057	631	1.77E+08	37505109	68.353	14.481	44.58354	-97.188
57249	994	596	3.82E+08	28952552	147.474	11.179	44.38373	-97.3602
57251	127	61	1.24E+08	2088772	47.905	0.806	45.28331	-96.9154
57252	4800	2268	4.22E+08	2702016	163.036	1.043	45.20041	-96.6126
57255	538	243	2.74E+08	5435544	105.715	2.099	45.86879	-96.9366
57256	127	64	74244356	625435	28.666	0.241	45.2609	-97.1953
57257	810	276	1.92E+08	1303113	74.045	0.503	45.49752	-97.0282
57258	385	127	3.15E+08	563612	121.64	0.218	44.8896	-97.9226
57259	505	240	3.54E+08	688328	136.577	0.266	45.0025	-96.5635
57260	1093	541	4.26E+08	27358430	164.321	10.563	45.84173	-96.7196
57261	321	186	1.73E+08	25251659	66.952	9.75	45.52942	-97.4997
57262	4963	1998	8.97E+08	28733625	346.388	11.094	45.67291	-97.07
57263	450	207	2.43E+08	2952457	93.814	1.14	45.14213	-96.9959
57264	219	104	1.12E+08	571996	43.244	0.221	45.11676	-96.8238
57265	225	114	2.06E+08	9308497	79.534	3.594	44.9922	-96.7816
57266	607	270	3.43E+08	3840038	132.345	1.483	45.28044	-97.0953
57268	443	213	1.65E+08	16478	63.576	0.006	44.56796	-96.6894
57269	413	187	2.61E+08	814002	100.961	0.314	45.22098	-96.8147
57270	904	363	4.34E+08	15598700	167.393	6.023	45.84119	-97.3386
57271	247	100	2.26E+08	18154	87.301	0.007	44.73938	-97.522
57272	173	84	86707373	2875375	33.478	1.11	45.10123	-97.4629
57273	1316	940	4.53E+08	57386858	174.775	22.157	45.33713	-97.2804
57274	2813	1492	1.01E+09	62795239	388.616	24.245	45.30546	-97.5645
57276	1178	449	3.24E+08	159697	124.925	0.062	44.43086	-96.6135
57278	748	292	4.6E+08	3308172	177.546	1.277	44.63814	-97.7053
57279	1058	653	3.76E+08	8607476	145.114	3.323	45.42122	-96.8763
57301	18375	8256	6.26E+08	3669189	241.887	1.417	43.71376	-98.0477
57311	1616	517	4.81E+08	592295	185.767	0.229	43.65565	-97.7634
57312	516	236	2.75E+08	1371022	106.114	0.529	44.20724	-98.3792
57313	1128	588	4.52E+08	997046	174.582	0.385	43.30503	-98.3743
57314	734	345	7.26E+08	1670612	280.208	0.645	44.04609	-97.9813
57315	987	500	3.13E+08	1071837	120.719	0.414	42.98839	-98.0403
57317	526	308	4.03E+08	23045820	155.459	8.898	43.14356	-98.9664
57319	1003	487	3.8E+08	3249835	146.841	1.255	43.53302	-97.48
57321	388	194	3.01E+08	300146	116.136	0.116	43.87013	-97.56
57322	296	112	4.16E+08	328010	160.573	0.127	44.62806	-97.9744
57323	215	186	2.33E+08	833462	90.069	0.322	44.14687	-97.7203
57324	383	184	1.92E+08	0	74.119	0	44.29843	-98.0541
57325	3054	1432	5.67E+08	68250821	218.789	26.352	43.75236	-99.3019
57328	1134	520	4.18E+08	2760081	161.219	1.066	43.43762	-98.439
57329	258	119	1.66E+08	378893	63.906	0.146	42.97403	-98.1473
57330	625	257	3.31E+08	189901	127.949	0.073	43.24802	-98.157
57331	459	189	1.9E+08	314467	73.448	0.121	43.47442	-98.0448
57332	730	342	2.67E+08	162007	102.962	0.063	43.5505	-97.6568
57334	895	325	2.77E+08	148648	106.866	0.057	43.54982	-97.9971
57335	244	162	2.66E+08	36396483	102.709	14.053	43.05369	-98.7839
57337	140	83	2.08E+08	501118	80.23	0.193	44.01196	-97.7958

57339	1525	429	3.31E+08	28062502	127.793	10.835	44.10218	-99.4173
57340	355	140	2.07E+08	1853488	79.952	0.716	43.79576	-97.8375
57341	151	97	6.54E+08	1565349	252.55	0.604	44.09467	-99.118
57342	558	340	4.14E+08	21922722	160.006	8.464	43.24463	-98.7014
57344	155	77	89309448	905614	34.483	0.35	43.46375	-98.6538
57345	1238	627	1.7E+09	7651370	656.807	2.954	44.57838	-99.4444
57346	68	27	1.34E+08	5887017	51.633	2.273	44.24073	-99.6001
57348	527	257	6.54E+08	995097	252.533	0.384	44.62557	-98.3722
57349	1493	808	6.02E+08	1172717	232.401	0.453	44.0301	-97.5808
57350	14534	6951	7.96E+08	13612127	307.512	5.256	44.40432	-98.1993
57353	829	345	8.05E+08	546305	310.781	0.211	44.35842	-97.842
57355	1352	639	1.01E+09	6055000	390.964	2.338	43.78085	-98.9434
57356	1993	792	3.92E+08	38941306	151.363	15.035	43.15817	-98.5296
57358	34	23	2450553	0	0.946	0	44.07535	-98.4219
57359	649	329	4.33E+08	328519	167.137	0.127	43.90287	-98.1826
57361	198	59	7462923	0	2.881	0	42.99699	-98.4292
57362	2149	1133	1.3E+09	3759486	500.733	1.452	44.49386	-99.0744
57363	1003	442	4.63E+08	122332	178.853	0.047	43.68049	-98.2555
57364	56	31	342441	0	0.132	0	43.4291	-98.6069
57365	522	274	1.6E+08	24672482	61.773	9.526	43.81133	-99.4164
57366	2228	1044	5.78E+08	811050	223.279	0.313	43.37717	-97.9465
57367	210	122	9607226	695987	3.709	0.269	43.06162	-98.5247
57368	1226	550	6.08E+08	1696971	234.92	0.655	43.74951	-98.4721
57369	2495	1089	1.15E+09	66167311	443.432	25.547	43.42075	-98.953
57370	814	351	5.5E+08	14993705	212.472	5.789	43.78946	-99.1659
57371	234	148	5.13E+08	818497	197.912	0.316	44.41316	-99.2722
57373	437	216	5.28E+08	225337	204.028	0.087	44.53836	-98.8724
57374	343	160	1.95E+08	1267029	75.297	0.489	43.75335	-97.5991
57375	647	339	3.77E+08	104262	145.752	0.04	43.56395	-98.4897
57376	1010	554	4.06E+08	140197	156.583	0.054	43.2175	-97.9373
57379	84	50	1.4E+08	208949	53.874	0.081	44.25467	-98.5572
57380	3470	1338	7.25E+08	9133823	279.943	3.527	43.03062	-98.2986
57381	490	314	7.91E+08	3200608	305.242	1.236	44.39104	-98.7375
57382	1591	827	1.14E+09	12819713	440.74	4.95	44.05903	-98.6597
57383	732	369	6.73E+08	8758305	259.828	3.382	43.72448	-98.7336
57384	839	404	5.49E+08	224321	211.977	0.087	44.41904	-98.4931
57385	1221	637	5.97E+08	3118342	230.48	1.204	44.0453	-98.2867
57386	209	93	1.4E+08	563127	54.123	0.217	44.50572	-98.0062
57401	30061	13781	7.52E+08	3936319	290.536	1.52	45.48234	-98.5325
57420	75	195	1.2E+08	53314	46.22	0.021	45.29276	-100.149
57421	88	53	1.02E+08	261870	39.516	0.101	45.75548	-97.9071
57422	235	141	2.86E+08	1285561	110.41	0.496	45.41969	-97.9095
57424	291	155	3.93E+08	756020	151.631	0.292	45.00647	-98.5644
57426	63	28	18123055	0	6.997	0	45.73795	-98.4956
57427	620	250	1.56E+08	10761	60.293	0.004	45.48055	-98.3186
57428	710	370	4.87E+08	10996136	188.151	4.246	45.45271	-99.6782
57429	94	43	70103538	0	27.067	0	45.17476	-98.2974

57430	2243	1047	9.42E+08	17094199	363.677	6.6	45.81269	-97.7196
57432	465	169	2.65E+08	1756925	102.477	0.678	45.68287	-98.031
57433	383	225	3.28E+08	10795443	126.608	4.168	45.63824	-98.3208
57434	566	269	7.46E+08	2096874	288.082	0.81	45.17625	-98.0723
57435	247	147	3.61E+08	6256086	139.218	2.415	45.17967	-98.9089
57436	384	242	5.52E+08	346226	212.955	0.134	44.86379	-98.0888
57437	1286	921	1.48E+09	16376107	572.264	6.323	45.7889	-99.6041
57438	1580	658	1.21E+09	28866907	468.773	11.146	45.05938	-99.1589
57439	52	27	12943881	0	4.998	0	45.33168	-98.0651
57440	612	197	3.69E+08	1752716	142.569	0.677	44.85697	-98.2719
57441	607	321	7.34E+08	5966803	283.307	2.304	45.82928	-98.5279
57442	1664	1116	1.58E+09	1.23E+08	609.749	47.423	45.06175	-100.158
57445	2068	894	6.63E+08	236357	255.96	0.091	45.46554	-98.115
57446	472	283	4E+08	5804154	154.511	2.241	45.87083	-98.1527
57448	348	226	4.6E+08	6585572	177.466	2.543	45.63546	-99.4113
57449	146	82	1.99E+08	17664258	76.675	6.82	45.73741	-98.1762
57450	672	349	5.08E+08	19272534	196.023	7.441	45.226	-99.8484
57451	2293	1044	1.14E+09	7960514	438.919	3.074	45.4374	-98.9566
57452	278	192	5.14E+08	3650399	198.293	1.409	45.5294	-99.8629
57454	558	294	3.9E+08	9425333	150.557	3.639	45.61024	-97.7835
57455	96	72	3.29E+08	2586374	126.868	0.999	45.01882	-99.6815
57456	862	422	1.05E+09	9767395	404.883	3.771	45.7356	-98.9801
57457	90	84	3.18E+08	11651150	122.598	4.499	45.87728	-99.1543
57460	365	161	3.11E+08	9165874	119.964	3.539	45.27958	-98.6707
57461	392	183	3.2E+08	0	123.41	0	45.15687	-98.432
57465	371	170	3.99E+08	2878841	154.2	1.112	45.13604	-98.6875
57466	124	77	3.64E+08	14024577	140.381	5.415	45.22361	-99.4606
57467	293	152	4.86E+08	1447618	187.769	0.559	44.83207	-99.1765
57468	247	136	2.02E+08	3901284	78.047	1.506	45.49975	-97.7581
57469	3305	1651	7.55E+08	7798622	291.522	3.011	44.85738	-98.5718
57470	143	93	3.9E+08	3059398	150.423	1.181	44.8839	-98.8943
57471	674	346	8.83E+08	32519125	340.969	12.556	45.40454	-99.3183
57472	953	491	7.07E+08	3106556	272.967	1.199	45.43572	-100.068
57473	161	92	4.29E+08	7921845	165.52	3.059	44.99146	-99.4993
57474	197	92	1.57E+08	958	60.793	0	45.29201	-98.2787
57475	160	94	3.01E+08	6622740	116.389	2.557	45.22355	-99.6246
57476	463	218	4.26E+08	4796641	164.471	1.852	44.71336	-98.6152
57477	117	85	2.37E+08	37619	91.536	0.015	45.04694	-98.1624
57479	666	252	1.38E+08	0	53.207	0	45.30295	-98.4432
57481	598	188	4.73E+08	1269634	182.667	0.49	45.65575	-98.6691
57501	16309	7384	1.51E+09	2.52E+08	584.797	97.23	44.5276	-100.309
57520	153	103	3.81E+08	654248	147.243	0.253	44.8528	-100.194
57521	167	105	1E+09	5953042	386.285	2.298	43.80414	-101.202
57522	463	220	3.06E+08	204656	118.067	0.079	44.46807	-99.9949
57523	1094	655	6.78E+08	32917789	261.666	12.71	43.2334	-99.2138
57528	748	397	5.18E+08	425559	199.913	0.164	43.19078	-99.7613
57529	395	255	6.45E+08	1524458	249.214	0.589	43.2306	-99.5638

57531	228	132	8.7E+08	1694156	335.733	0.654	43.97367	-100.486
57532	2835	1307	3.03E+09	1.7E+08	1171.171	65.742	44.40031	-100.628
57533	1900	1075	1.05E+09	22532448	407.182	8.7	43.37893	-99.4249
57534	183	95	4.79E+08	1703155	184.972	0.658	43.57092	-99.6874
57536	469	235	9.58E+08	55537144	370.064	21.443	44.40539	-99.7653
57537	83	47	5.35E+08	17549975	206.68	6.776	44.57809	-101.067
57538	322	178	3.44E+08	534341	132.674	0.206	43.15399	-99.142
57540	106	49	3.68E+08	1003161	142.243	0.387	44.51732	-99.6126
57541	167	82	3.07E+08	2450786	118.546	0.946	43.59402	-99.8839
57543	870	460	1.2E+09	7616524	461.887	2.941	43.77419	-101.501
57544	419	229	8.4E+08	2911079	324.3	1.124	43.94124	-99.9061
57547	139	70	6.56E+08	786024	253.176	0.303	43.47353	-101.422
57548	1380	393	3.03E+08	91767174	116.967	35.432	44.08681	-99.6601
57551	2279	926	1.88E+09	11907269	726.066	4.597	43.17543	-101.702
57552	554	315	2.64E+09	19625305	1020.791	7.577	44.28298	-101.2
57553	153	75	6.81E+08	8621088	262.846	3.329	44.47268	-101.648
57555	3834	1365	1.09E+09	2936648	419.289	1.134	43.2421	-100.612
57559	638	382	9.84E+08	711436	379.94	0.275	43.93621	-100.723
57560	436	154	4.25E+08	519268	163.994	0.2	43.43923	-101.191
57562	98	50	2.86E+08	556766	110.276	0.215	43.89757	-100.958
57563	240	90	74832979	85983	28.893	0.033	43.36538	-100.366
57564	995	521	1.35E+09	9384395	522.708	3.623	44.72961	-99.9897
57566	1060	320	4.52E+08	1152946	174.568	0.445	43.3235	-101.091
57567	1406	718	2.53E+09	17011448	976.332	6.568	44.0971	-101.722
57568	689	405	9.52E+08	3747876	367.562	1.447	43.88565	-100.077
57569	445	235	9.31E+08	24941018	359.572	9.63	43.85645	-99.5729
57570	2064	618	2.46E+08	597654	95.066	0.231	43.19819	-100.831
57571	14	16	1018696	0	0.393	0	43.08522	-99.0925
57572	1847	523	4.35E+08	22057	167.772	0.009	43.14654	-101.07
57574	104	61	5.07E+08	2923693	195.695	1.129	43.10564	-101.346
57576	204	111	5.62E+08	1181395	216.986	0.456	43.92092	-100.296
57577	1211	296	6.12E+08	556507	236.46	0.215	43.52876	-101.677
57579	1330	525	1.69E+09	3638128	652.338	1.405	43.5972	-100.786
57580	4449	2389	2.8E+09	7947937	1081.043	3.069	43.28935	-100.09
57584	125	85	2.48E+08	577147	95.63	0.223	43.5362	-100.071
57585	226	132	8.58E+08	2624911	331.094	1.013	43.53911	-100.405
57601	4003	1948	5.39E+08	36465315	208.245	14.079	45.45786	-100.541
57620	515	273	9.54E+08	5791775	368.178	2.236	45.37726	-102.54
57621	378	97	2.47E+08	2672949	95.367	1.032	45.75009	-101.073
57622	318	108	2.81E+08	1292724	108.462	0.499	44.66547	-101.535
57623	1042	415	2.04E+09	5649110	788.032	2.181	45.02981	-101.686
57625	4230	1414	3.18E+09	2.33E+08	1228.717	90.132	44.95573	-101.004
57626	971	488	3.13E+09	6734618	1208.027	2.6	44.99465	-102.217
57630	32	16	28417455	0	10.972	0	45.43916	-100.906
57631	361	246	4.05E+08	85936383	156.457	33.18	45.53293	-100.281
57632	634	355	5.25E+08	2682890	202.584	1.036	45.834	-100.038
57633	414	199	1.95E+09	7445660	752.888	2.875	45.45721	-101.448

57634	115	58	5.71E+08	1425278	220.502	0.55	45.75203	-101.896
57636	164	60	52832558	298748	20.399	0.115	45.03183	-101.437
57638	1921	1170	2.53E+09	26718884	976.87	10.316	45.86986	-102.232
57639	371	88	53483341	1761787	20.65	0.68	45.69619	-100.755
57640	176	112	1.03E+09	1954483	398.686	0.755	45.7896	-102.718
57641	295	180	8.5E+08	3089109	328.015	1.193	45.86935	-101.318
57642	1917	703	1.51E+09	50611068	583.155	19.541	45.81125	-100.75
57644	335	182	2.08E+09	9656108	801.771	3.728	45.44923	-102.046
57645	217	118	6.47E+08	1651265	249.758	0.638	45.98045	-101.739
57646	199	121	3.56E+08	2591319	137.618	1.001	45.68242	-100.082
57648	335	355	3.46E+08	94285667	133.636	36.404	45.91017	-100.354
57649	217	128	1.24E+09	7429102	479.897	2.868	45.52382	-102.858
57650	29	23	1.68E+08	338209	64.869	0.131	45.84796	-103.014
57651	115	61	8.02E+08	1333419	309.634	0.515	45.47547	-103.149
57652	402	149	1.15E+09	1.02E+08	442.605	39.297	45.20541	-100.608
57656	723	331	1.14E+09	4555999	441.832	1.759	45.39299	-101.059
57657	203	101	7.08E+08	7623601	273.225	2.943	45.51888	-100.792
57658	446	132	3.55E+08	61637199	136.953	23.798	45.67985	-100.495
57660	99	48	7.32E+08	1180573	282.437	0.456	45.79734	-101.586
57661	88	25	53570246	0	20.684	0	45.25675	-100.96
57701	43462	18977	1.83E+08	268540	70.818	0.104	44.14587	-103.207
57702	32980	15142	7.56E+08	5213836	292.001	2.013	44.04827	-103.42
57703	14205	5645	3.33E+08	379532	128.499	0.147	44.00456	-103.043
57706	2903	983	16686316	0	6.443	0	44.15719	-103.094
57714	872	226	4.83E+08	179905	186.564	0.069	43.30162	-101.937
57716	486	155	4.68E+08	2091052	180.758	0.807	43.10694	-102.208
57717	8007	3552	3.21E+09	32640813	1240.943	12.603	44.9402	-103.902
57718	6307	2520	58623463	3775	22.635	0.001	44.17073	-103.368
57719	6217	2400	4.28E+08	3574429	165.333	1.38	44.23244	-102.976
57720	651	397	3.35E+09	10565191	1295.303	4.079	45.57587	-103.657
57722	283	173	1.24E+09	1449029	478.409	0.559	43.45629	-102.921
57724	210	126	8.48E+08	1241786	327.557	0.479	45.64537	-104.024
57725	162	72	2.99E+08	62740	115.593	0.024	43.93203	-102.792
57730	5315	3134	1.38E+09	1466935	533.983	0.566	43.72414	-103.65
57732	1979	1329	2.99E+08	31749	115.472	0.012	44.20104	-103.693
57735	1327	883	2.38E+09	1603334	917.73	0.619	43.30092	-103.85
57738	170	92	3.88E+08	685492	149.686	0.265	43.6367	-103.124
57741	63	41	4565351	0	1.763	0	44.40497	-103.467
57744	2238	977	1.3E+09	2741378	502.755	1.058	43.78264	-103.046
57745	2109	1513	9.51E+08	1448503	367.216	0.559	44.01924	-103.779
57747	5870	3389	1.14E+09	20508944	441.954	7.919	43.38485	-103.527
57748	318	141	1.01E+09	6824130	390.994	2.635	44.59104	-102.045
57750	295	143	7.13E+08	1518329	275.17	0.586	43.59379	-101.956
57751	844	556	1.77E+08	112796	68.215	0.044	43.88453	-103.453
57752	2245	648	1.09E+09	569761	419.96	0.22	43.46026	-102.184
57754	3793	2693	6.1E+08	4706	235.705	0.002	44.25559	-103.887
57755	116	66	5.82E+08	539492	224.867	0.208	45.84774	-103.362

57756	1126	264	3.42E+08	70819	132.18	0.027	43.2297	-102.498
57758	200	105	1.35E+09	4227303	520.565	1.632	44.90945	-102.816
57759	546	260	1.51E+08	23816	58.342	0.009	44.22919	-103.56
57760	1353	695	3.08E+09	10969708	1189.165	4.235	45.01218	-103.287
57761	1210	522	1.39E+09	3237267	535.645	1.25	44.23121	-102.741
57762	531	263	2.74E+08	850551	105.827	0.328	44.75335	-103.62
57763	282	165	1.07E+09	1348556	413.058	0.521	43.11135	-103.252
57764	1923	470	9.11E+08	2544097	351.859	0.982	43.18321	-102.838
57766	237	133	3.31E+08	507893	127.958	0.196	43.39762	-103.198
57767	149	72	4.05E+08	27752	156.551	0.011	44.13675	-102.571
57769	3515	1519	3.28E+08	534783	126.741	0.206	44.24707	-103.287
57770	5271	1422	5.17E+08	624343	199.616	0.241	43.05948	-102.59
57772	2048	506	1.27E+09	658705	491.668	0.254	43.53255	-102.589
57773	133	81	29011804	0	11.202	0	43.59211	-103.568
57775	230	120	8.25E+08	4184467	318.708	1.616	44.10196	-102.029
57776	15	9	3.22E+08	961702	124.349	0.371	45.26378	-103.498
57779	333	159	1.03E+08	153134	39.6	0.059	44.56377	-103.755
57780	102	57	8.47E+08	1987933	326.932	0.768	43.78027	-102.511
57782	61	37	3.27E+08	179766	126.3	0.069	43.2966	-103.141
57783	14290	7097	6.08E+08	417052	234.897	0.161	44.4676	-103.915
57785	9377	4532	1.54E+09	5239730	596.351	2.023	44.42566	-103.233
57787	365	200	1.52E+09	2376859	587.47	0.918	44.68541	-102.653
57788	485	238	5.55E+08	1326368	214.103	0.512	44.61835	-103.207
57790	1111	605	1.92E+09	8122599	742.285	3.136	44.08208	-102.217
57791	190	96	5.31E+08	3560733	205.058	1.375	44.22316	-102.444
57792	129	76	6.34E+08	802462	244.645	0.31	44.5364	-102.424
57793	1913	824	3.83E+08	218086	147.762	0.084	44.52559	-103.579
57794	644	145	1.31E+08	0	50.447	0	43.12403	-102.395
57799	660	10	361500	0	0.14	0	44.49871	-103.872
58001	55	28	624677	0	0.241	0	46.44519	-96.72
58002	23	11	9024328	40362	3.484	0.016	46.97109	-97.3972
58004	266	115	1.48E+08	20672	56.981	0.008	47.02648	-97.2707
58005	854	299	2.59E+08	0	100.13	0	47.05288	-96.9509
58006	427	183	1.6E+08	0	61.754	0	47.10156	-97.2098
58007	119	57	1.26E+08	0	48.713	0	47.02436	-97.4687
58008	229	102	1.42E+08	0	54.699	0	46.30928	-97.0005
58009	102	45	1.15E+08	0	44.333	0	47.32769	-97.2466
58011	391	192	2.87E+08	121857	110.932	0.047	46.91875	-97.5399
58012	2474	986	1.74E+08	335241	67.277	0.129	46.94169	-97.1683
58013	101	71	1.92E+08	5805789	74.083	2.242	46.05785	-97.3533
58015	291	121	50454624	0	19.481	0	46.59526	-96.8165
58016	192	81	1.8E+08	0	69.503	0	47.36713	-97.4618
58017	313	199	4.97E+08	833080	191.972	0.322	46.04336	-97.8515
58018	324	145	1.86E+08	0	71.995	0	46.43598	-96.8965
58021	447	176	1.68E+08	5558	64.759	0.002	46.73908	-97.0832
58027	1391	689	4.73E+08	3184944	182.639	1.23	46.633	-97.6079
58029	129	60	1.08E+08	465987	41.611	0.18	47.1196	-97.4038

58030	649	332	3.3E+08	0	127.588	0	46.03006	-96.6701
58031	414	205	4.13E+08	1404863	159.631	0.542	46.76768	-97.6715
58032	722	354	2.64E+08	840260	101.84	0.324	46.06509	-97.6428
58033	374	200	3.43E+08	201430	132.278	0.078	46.4347	-97.9196
58035	262	147	2.38E+08	388086	92.064	0.15	47.26072	-97.4201
58036	274	138	1.92E+08	0	74.179	0	47.15556	-96.9481
58038	332	152	2.24E+08	0	86.447	0	47.24511	-96.9958
58040	920	459	2.09E+08	2286931	80.684	0.883	46.1895	-97.685
58041	1545	786	5.21E+08	10660465	201.179	4.116	46.04791	-96.9184
58042	1386	500	1.11E+08	293337	42.993	0.113	46.97089	-96.956
58043	167	91	1.51E+08	1700299	58.177	0.656	45.97358	-97.545
58045	2230	1042	5.27E+08	1068276	203.389	0.412	47.38888	-97.0163
58046	583	303	5.93E+08	1116523	228.793	0.431	47.32812	-97.7246
58047	3560	1251	1.81E+08	172445	69.923	0.067	46.72426	-96.8728
58048	418	213	2.86E+08	200218	110.297	0.077	47.19881	-97.2238
58049	289	174	3.43E+08	1757756	132.301	0.679	46.65074	-98.0081
58051	1458	592	2.85E+08	9716	110.053	0.004	46.63683	-97.0215
58052	581	282	3.93E+08	161000	151.801	0.062	46.63553	-97.272
58053	1171	663	5.77E+08	14946251	222.793	5.771	46.05251	-97.1805
58054	3128	1534	7.51E+08	969009	289.883	0.374	46.41688	-97.6687
58056	191	134	2.45E+08	6828726	94.689	2.637	47.23135	-97.9294
58057	147	78	2.33E+08	0	90.055	0	46.42448	-97.2573
58058	123	61	48611435	0	18.769	0	46.18254	-96.9634
58059	1168	448	3.17E+08	369741	122.563	0.143	46.84396	-97.1256
58060	1329	624	6.23E+08	6587976	240.708	2.544	46.26413	-97.4156
58061	413	174	1.57E+08	145185	60.742	0.056	46.27895	-96.9021
58062	174	90	1.45E+08	141331	55.956	0.055	46.63744	-97.8188
58063	340	160	3.18E+08	265691	122.735	0.103	46.95903	-97.7976
58064	450	223	4.09E+08	331970	157.73	0.128	47.14474	-97.6109
58065	22	17	53179627	0	20.533	0	47.18617	-97.7605
58067	243	143	1.46E+08	927413	56.522	0.358	46.07082	-97.4694
58068	321	151	2.91E+08	1442545	112.521	0.557	46.53029	-97.3958
58069	176	77	1.52E+08	728521	58.502	0.281	46.24729	-97.8301
58071	409	183	2.72E+08	17264	105.035	0.007	46.9564	-97.6768
58072	7997	3974	8.2E+08	8637844	316.523	3.335	46.92572	-98.0068
58075	9276	4210	6.45E+08	374699	249.06	0.145	46.27554	-96.7304
58076	236	0	96571	0	0.037	0	46.27283	-96.6076
58077	787	325	3.64E+08	0	140.587	0	46.52484	-96.9751
58078	26321	10946	1.01E+08	1122021	39.173	0.433	46.8625	-96.9241
58079	530	220	3.45E+08	445478	133.296	0.172	46.86824	-97.325
58081	845	406	4.28E+08	0	165.119	0	46.31064	-97.1414
58102	29850	14338	80929583	152567	31.247	0.059	46.92709	-96.8347
58103	47302	24011	29283647	0	11.306	0	46.85614	-96.8221
58104	28322	12436	74199324	0	28.649	0	46.79324	-96.8397
58105	2483	5	1484243	0	0.573	0	46.89539	-96.8078
58201	34880	16488	1.83E+08	548729	70.639	0.212	47.86664	-97.1411
58202	1839	3	426583	5455	0.165	0.002	47.92076	-97.0722

58203	18229	7772	1.76E+08	1077524	67.763	0.416	47.97048	-97.1655
58204	2107	807	20643953	0	7.971	0	47.955	-97.3868
58205	260	0	417527	0	0.161	0	47.95147	-97.379
58210	322	207	3.95E+08	7872899	152.439	3.04	48.40569	-98.1116
58212	474	283	5.22E+08	3801679	201.639	1.468	47.70854	-98.0004
58214	367	179	1.79E+08	0	69.013	0	47.92455	-97.4997
58216	153	79	1.76E+08	0	67.953	0	48.88189	-97.4345
58218	700	306	3.19E+08	80710	123.062	0.031	47.59387	-97.0384
58219	47	24	13895263	0	5.365	0	47.47763	-96.879
58220	2360	1198	4.47E+08	1430548	172.737	0.552	48.79632	-97.7196
58222	295	161	2.1E+08	23058	81.117	0.009	48.60995	-97.6787
58223	212	109	1.83E+08	85373	70.684	0.033	47.50523	-97.0379
58224	41	28	30754848	0	11.875	0	48.17234	-97.9436
58225	1125	608	6.11E+08	7515996	236.1	2.902	48.61124	-97.2228
58227	504	291	2.74E+08	344641	105.868	0.133	48.5491	-97.8927
58228	880	462	2.71E+08	270504	104.56	0.104	47.88096	-97.3546
58229	114	87	2.12E+08	2446215	81.899	0.944	48.49849	-98.2443
58230	663	355	4.16E+08	2302206	160.588	0.889	47.47414	-97.8316
58231	490	232	3.18E+08	1231076	122.605	0.475	48.20131	-97.8242
58233	283	136	1.82E+08	0	70.236	0	48.22617	-97.5257
58235	418	216	2.27E+08	0	87.662	0	48.09899	-97.4748
58237	5499	2521	6.37E+08	551825	245.955	0.213	48.41421	-97.4029
58238	167	100	2.4E+08	123290	92.651	0.048	48.78279	-97.3928
58239	71	49	2.35E+08	5446300	90.739	2.103	48.92214	-98.6951
58240	1276	753	3.89E+08	2764836	150.345	1.068	47.63416	-97.4872
58241	126	84	1.27E+08	0	48.916	0	48.69842	-97.6774
58243	539	295	2.26E+08	0	87.17	0	48.51271	-97.6809
58244	194	124	1.49E+08	34174	57.48	0.013	48.14407	-97.6117
58249	2574	1419	1.05E+09	9157817	405.973	3.536	48.82278	-98.3268
58250	241	147	2.36E+08	2500969	91.178	0.966	48.27438	-98.0008
58251	2049	943	5.09E+08	980708	196.582	0.379	47.95429	-97.7002
58254	513	341	2.73E+08	1532383	105.27	0.592	47.774	-98.15
58256	872	356	2.35E+08	1860890	90.9	0.718	48.08403	-97.2002
58257	2239	1023	3.13E+08	0	120.918	0	47.4973	-97.2818
58258	290	135	1.1E+08	653759	42.627	0.252	48.01538	-97.3519
58259	454	286	4.32E+08	18468343	166.637	7.131	48.02576	-98.1282
58260	173	119	3.32E+08	551151	128.135	0.213	48.63759	-98.0248
58261	1112	536	3.67E+08	3694282	141.547	1.426	48.2449	-97.3128
58262	134	71	46327169	0	17.887	0	48.68218	-97.8763
58265	519	243	2.28E+08	65278	87.842	0.025	48.95609	-97.6121
58266	203	116	2.79E+08	1664183	107.593	0.643	48.00094	-97.85
58267	1520	710	6.1E+08	387428	235.439	0.15	47.75236	-97.6392
58269	207	117	2.01E+08	677167	77.567	0.261	48.69618	-98.1769
58270	1950	973	3.65E+08	737111	140.856	0.285	48.39395	-97.7841
58271	708	359	2.61E+08	2208666	100.716	0.853	48.9129	-97.2897
58272	312	172	3.14E+08	3667017	121.388	1.416	48.01626	-97.9818
58273	264	132	1.68E+08	0	64.89	0	48.2961	-97.6685

58274	953	453	3.38E+08	514454	130.647	0.199	47.4919	-97.4885
58275	733	292	2.66E+08	99358	102.788	0.038	47.67937	-97.1211
58276	503	279	3.09E+08	80944	119.204	0.031	48.63808	-97.4604
58277	225	133	2.25E+08	599132	86.961	0.231	47.60838	-97.8233
58278	1988	738	3.2E+08	1053595	123.427	0.407	47.77009	-97.1215
58281	124	68	3.24E+08	7117433	124.922	2.748	48.85584	-98.6165
58282	1441	763	6.15E+08	812744	237.335	0.314	48.912	-97.9406
58301	9864	4661	6.29E+08	1.87E+08	243.034	72.382	48.14211	-98.8717
58311	60	57	2.85E+08	3724058	110.115	1.438	48.6521	-98.5902
58316	6486	2242	3.06E+08	14732631	117.961	5.688	48.8243	-99.777
58317	226	155	3.54E+08	2618062	136.717	1.011	48.60534	-99.3739
58318	3684	2707	7.41E+08	31746724	285.92	12.257	48.85825	-100.398
58321	161	117	3.19E+08	14697280	123.159	5.675	48.20071	-98.3448
58323	47	28	1.49E+08	1497885	57.458	0.578	48.85522	-98.8852
58324	1345	831	6.32E+08	11986622	244.114	4.628	48.4794	-99.2209
58325	92	49	2.78E+08	36314357	107.285	14.021	48.29031	-99.1486
58327	390	177	4.1E+08	39192950	158.476	15.132	48.10095	-98.5944
58329	3313	1233	5.96E+08	38050765	230.199	14.691	48.87331	-100.08
58330	341	218	4.35E+08	4037117	168.062	1.559	48.4495	-98.4596
58331	122	97	2.65E+08	6792478	102.285	2.623	48.63929	-99.0888
58332	320	241	5.47E+08	20162907	211.02	7.785	48.04416	-99.773
58335	1694	409	76074748	6911794	29.373	2.669	47.98658	-99.0214
58338	105	72	2.05E+08	4054760	79.199	1.566	48.53714	-98.6244
58339	47	30	80068305	889545	30.915	0.343	48.89953	-99.4363
58341	2597	1459	1.19E+09	18193296	458.371	7.024	47.7821	-99.8444
58343	81	53	1.66E+08	5555992	64.063	2.145	48.3038	-99.7295
58344	958	539	5.4E+08	12437465	208.335	4.802	48.02784	-98.3415
58345	158	113	3.55E+08	11330892	137.203	4.375	48.30701	-98.3662
58346	650	409	5.34E+08	20013426	206.303	7.727	48.28738	-99.4277
58348	727	440	6.65E+08	7178648	256.813	2.772	47.97167	-99.5211
58351	478	309	4.53E+08	7703683	174.946	2.974	48.09907	-99.2781
58352	435	237	5.66E+08	19596536	218.522	7.566	48.71057	-98.8728
58353	140	66	2.26E+08	5620131	87.347	2.17	48.63466	-99.5966
58355	84	61	1.15E+08	1607271	44.387	0.621	48.59075	-98.3664
58356	1751	954	7.52E+08	3709603	290.445	1.432	47.67866	-99.0852
58357	364	160	3.06E+08	14225929	118.103	5.493	47.94846	-99.2385
58361	190	143	3.4E+08	4576578	131.247	1.767	47.75248	-98.3392
58362	82	43	83278108	631676	32.154	0.244	48.2122	-99.0855
58363	83	43	1.65E+08	397073	63.693	0.153	48.75503	-99.4473
58365	304	222	7.68E+08	13247108	296.422	5.115	48.85938	-99.2529
58366	1080	505	6.39E+08	24233988	246.822	9.357	48.65352	-99.874
58367	1707	783	3.29E+08	2348628	127.012	0.907	48.8704	-99.5806
58368	3801	1895	1.68E+09	1.07E+08	648.199	41.285	48.26087	-100.053
58369	1231	574	1.77E+08	17225302	68.29	6.651	48.94364	-99.7971
58370	1280	404	1.33E+08	13787138	51.409	5.323	47.98518	-98.8349
58372	106	77	2.77E+08	3058880	106.859	1.181	48.94519	-98.9969
58374	640	356	6.74E+08	6866343	260.292	2.651	47.83957	-99.0977

58377	334	196	6.04E+08	13098064	233.176	5.057	48.46444	-98.8728
58379	360	198	36051229	714161	13.919	0.276	47.90558	-98.8436
58380	442	265	4.45E+08	25226760	171.688	9.74	47.82515	-98.5019
58381	317	175	3.93E+08	28329063	151.639	10.938	47.82577	-98.7488
58382	163	96	3.44E+08	12688014	132.928	4.899	48.31815	-98.7788
58384	549	353	1.01E+09	15121440	391.847	5.838	48.59587	-100.266
58385	225	117	3.19E+08	14511189	123.035	5.603	48.47981	-99.6564
58386	134	93	3.06E+08	17598185	118.1	6.795	48.306	-99.5983
58401	17142	8103	1.09E+09	20900304	422.182	8.07	46.88437	-98.7667
58402	260	0	446362	0	0.172	0	46.88035	-98.6872
58405	427	0	110712	0	0.043	0	46.91517	-98.6994
58413	1150	797	1.17E+09	43473500	453.284	16.785	46.03575	-99.2932
58415	145	61	1.54E+08	53520	59.285	0.021	46.37334	-98.4894
58416	440	358	4.46E+08	9736111	172.126	3.759	47.52894	-98.3479
58418	353	230	5.56E+08	11122335	214.652	4.294	47.42059	-99.639
58420	314	137	4.2E+08	17852778	162.196	6.893	47.06102	-98.8584
58421	2850	1434	1E+09	18926819	387.388	7.308	47.44042	-99.0766
58422	195	109	3.83E+08	2881848	147.796	1.113	47.60022	-99.4052
58423	78	64	2.59E+08	12010191	100.015	4.637	47.40111	-99.8363
58424	301	165	4.68E+08	28258773	180.792	10.911	46.8874	-99.1101
58425	1379	742	5.54E+08	1836364	213.895	0.709	47.45637	-98.1247
58426	200	111	3.56E+08	4130754	137.489	1.595	47.21852	-98.5893
58428	271	361	3.75E+08	45615821	144.8	17.612	46.82827	-99.7794
58429	357	240	3.47E+08	12107363	133.863	4.675	47.19001	-98.1583
58430	112	71	2.42E+08	6598771	93.486	2.548	47.50883	-100.257
58431	132	83	1.84E+08	176143	71.134	0.068	46.51093	-98.4866
58433	1092	559	7.98E+08	1086312	308.054	0.419	46.37006	-98.7121
58436	1965	1008	8.22E+08	1492913	317.393	0.576	46.08959	-98.5816
58438	625	382	3.86E+08	5989100	149.022	2.312	47.66687	-99.6024
58439	310	105	3.74E+08	2900849	144.523	1.12	45.97564	-98.8292
58440	181	147	5.98E+08	8325681	231.075	3.215	46.25331	-99.1636
58441	389	170	3.79E+08	1179361	146.168	0.455	46.17529	-98.3685
58442	478	331	5.73E+08	12724404	221.178	4.913	46.55368	-99.1796
58443	200	126	2.61E+08	2420522	100.595	0.935	47.44984	-98.6811
58444	192	180	4.79E+08	22010578	185.05	8.498	47.49406	-100.129
58445	160	153	1.43E+08	4064648	55.109	1.569	47.5659	-98.8095
58448	347	195	3.79E+08	1654356	146.303	0.639	47.30596	-98.225
58451	185	121	3.4E+08	11644017	131.152	4.496	47.44714	-99.9584
58452	27	15	4189432	0	1.618	0	47.54776	-98.2312
58454	360	216	6.34E+08	5062007	244.956	1.954	46.58808	-98.9533
58455	303	162	3.65E+08	11702509	140.819	4.518	47.30491	-98.7668
58456	523	364	5.82E+08	7155467	224.654	2.763	46.26551	-98.9543
58458	1397	650	4.94E+08	4701290	190.6	1.815	46.36793	-98.2939
58460	230	200	4.64E+08	17106626	179.146	6.605	46.30169	-99.3246
58461	413	251	5.25E+08	831577	202.738	0.321	46.65259	-98.1948
58463	651	432	1.01E+09	17730835	390.202	6.846	47.49341	-100.471
58464	242	146	4.74E+08	15400109	182.906	5.946	47.61073	-98.5653

58466	355	203	4.17E+08	1126647	161.082	0.435	46.6238	-98.3689
58467	606	331	5.83E+08	39183511	225.125	15.129	46.88486	-99.3306
58472	419	209	4.21E+08	659965	162.515	0.255	46.63857	-98.6502
58474	2681	1291	9.82E+08	7103512	379.192	2.743	46.10029	-98.1271
58475	150	127	3.66E+08	29594198	141.476	11.426	47.17995	-99.5554
58476	271	156	6.25E+08	21702468	241.279	8.379	47.20051	-99.0116
58477	148	92	3.43E+08	1424614	132.38	0.55	47.21889	-100.505
58478	135	144	3.86E+08	25522410	149.084	9.854	47.17549	-99.7495
58479	192	173	1.64E+08	9788780	63.43	3.779	47.09228	-98.1827
58480	340	155	3.32E+08	9445539	128.103	3.647	46.95765	-98.2594
58481	272	133	3.53E+08	9505980	136.155	3.67	46.92779	-98.4287
58482	1003	496	6.04E+08	29423653	233.017	11.361	46.85346	-99.8999
58483	340	236	4.14E+08	24033117	159.799	9.279	46.64633	-99.4298
58484	65	55	1.53E+08	963919	59.244	0.372	47.376	-98.4851
58486	262	151	4.06E+08	8265407	156.825	3.191	47.39136	-99.382
58487	444	235	6.39E+08	25886907	246.797	9.995	46.85677	-99.6057
58488	258	194	5.97E+08	25611468	230.474	9.889	47.1763	-99.994
58490	240	134	3.29E+08	2202184	126.91	0.85	46.37699	-98.0659
58492	481	227	3.65E+08	5039981	140.813	1.946	47.1564	-98.4413
58494	350	203	8.81E+08	27780050	339.968	10.726	47.18478	-100.263
58495	1332	755	9.26E+08	15052942	357.345	5.812	46.27779	-99.6049
58496	182	128	5.54E+08	39557681	213.955	15.273	47.14646	-99.3287
58497	326	144	2.88E+08	13490	111.057	0.005	46.76507	-98.55
58501	28055	13182	62828782	165652	24.258	0.064	46.81604	-100.7
58503	25734	10872	3.44E+08	5219511	132.822	2.015	46.90412	-100.75
58504	24342	10169	2.68E+08	21251069	103.519	8.205	46.73757	-100.678
58505	2	1	581761	0	0.225	0	46.82021	-100.781
58520	264	144	4.73E+08	133985	182.461	0.052	46.6742	-101.576
58521	658	263	3.93E+08	2904554	151.651	1.121	47.0081	-100.694
58523	3619	1897	6.78E+08	38685408	261.688	14.937	47.25722	-101.78
58524	100	70	2.79E+08	595202	107.858	0.23	46.60012	-100.074
58528	798	195	1.75E+08	18820276	67.647	7.267	46.33862	-100.637
58529	660	381	1.15E+09	675519	443.586	0.261	46.29501	-101.56
58530	1193	611	8.71E+08	19144050	336.405	7.392	47.12778	-101.143
58531	307	279	2.97E+08	80601242	114.811	31.12	47.56726	-101.196
58532	297	146	5.86E+08	10164380	226.255	3.924	46.85761	-100.109
58533	945	760	8.19E+08	3967885	316.241	1.532	46.40584	-101.79
58535	571	303	8.6E+08	522196	332.21	0.202	46.50179	-101.247
58538	2489	745	4.56E+08	68078614	176.104	26.285	46.10962	-100.69
58540	2449	1393	1.01E+09	3.39E+08	388.126	130.89	47.62888	-101.727
58541	364	206	4.79E+08	69006715	184.958	26.644	47.36612	-102.068
58542	324	168	5.07E+08	5000090	195.859	1.931	46.05085	-100.01
58544	551	318	8.68E+08	26923511	334.983	10.395	46.51219	-100.371
58545	3461	1828	7.98E+08	63224695	308.135	24.411	47.35793	-101.591
58549	214	106	4.97E+08	6874541	191.912	2.654	46.4791	-99.9297
58552	1797	1122	1.42E+09	34889751	546.792	13.471	46.2472	-100.283
58554	22884	9792	1.59E+09	42709499	614.573	16.49	46.74272	-100.935

58558	812	327	4.13E+08	475785	159.437	0.184	46.82974	-100.488
58559	218	354	4.13E+08	17208963	159.29	6.644	47.48937	-100.728
58560	161	85	2.46E+08	21178044	94.938	8.177	46.67844	-100.265
58561	1085	549	8.57E+08	9001146	330.775	3.475	46.48715	-99.6829
58562	415	297	7.56E+08	9573916	291.734	3.697	46.37735	-101.997
58563	1977	906	1.41E+09	4271289	544.402	1.649	46.89898	-101.439
58564	92	64	3.06E+08	82502	118.141	0.032	46.2661	-101.344
58565	209	192	7458792	338070	2.88	0.131	47.49348	-101.371
58566	180	75	2.12E+08	0	81.896	0	46.58322	-100.925
58568	535	227	1.2E+09	767558	464.417	0.296	46.08732	-101.045
58569	77	52	3.61E+08	104544	139.567	0.04	46.2681	-101.199
58570	397	168	7.29E+08	229343	281.426	0.089	46.38192	-100.888
58571	603	320	3.02E+08	6672824	116.557	2.576	47.2795	-101.398
58572	319	171	4.48E+08	875306	172.993	0.338	46.85703	-100.341
58573	674	343	5.31E+08	4061810	205.02	1.568	46.09827	-100.201
58575	920	579	6.11E+08	20173360	235.756	7.789	47.56727	-100.896
58576	953	465	4.32E+08	6871900	166.759	2.653	47.43691	-101.214
58577	1671	900	4.87E+08	12732151	188.059	4.916	47.31779	-101.052
58579	1190	609	6.72E+08	5473434	259.356	2.113	47.17942	-100.738
58580	455	229	4.25E+08	1598234	163.982	0.617	47.26753	-101.943
58581	258	189	3.54E+08	406433	136.516	0.157	46.03518	-99.7744
58601	21078	9184	1.49E+09	7252573	574.67	2.8	46.91687	-102.834
58620	132	82	6.08E+08	1842386	234.751	0.711	46.52026	-103.33
58621	1231	730	1.04E+09	1481776	400.958	0.572	47.08837	-103.93
58622	1489	743	1.62E+09	3583623	625.704	1.384	46.89401	-103.263
58623	2370	1208	1.51E+09	7145288	582.447	2.759	46.18731	-103.434
58625	185	126	2.6E+08	616347	100.403	0.238	47.26813	-102.2
58626	262	158	4.28E+08	11568979	165.163	4.467	47.38303	-102.623
58627	154	83	7.07E+08	1040310	273.011	0.402	47.24014	-103.3
58630	502	249	5.23E+08	1345484	201.991	0.519	46.9441	-102.579
58631	1150	610	9.59E+08	5679136	370.389	2.193	46.80657	-101.801
58632	149	95	2.07E+08	256532	80.027	0.099	46.66599	-103.966
58634	251	152	1.07E+09	4353754	412.797	1.681	47.4231	-103.316
58636	706	517	1.12E+09	49646010	432.27	19.168	47.37935	-102.367
58638	992	533	9.02E+08	2515624	348.127	0.971	46.946	-102.045
58639	1816	1048	1.15E+09	1476523	444.987	0.57	46.09424	-102.603
58640	1344	674	1.13E+09	5346971	435.242	2.064	47.44154	-102.909
58641	79	56	1.83E+08	101035	70.531	0.039	46.66788	-102.514
58642	334	136	4.43E+08	812157	171.115	0.314	47.20946	-102.84
58643	191	129	7.61E+08	3467371	293.874	1.339	46.3309	-103.945
58645	238	198	1.09E+09	8232773	418.987	3.179	46.95127	-103.552
58646	1138	667	1.45E+09	2455184	560.002	0.948	46.39291	-102.288
58647	1142	596	1.34E+09	878668	517.237	0.339	46.5189	-102.936
58649	321	219	6.67E+08	757386	257.557	0.292	46.12627	-102.923
58650	393	248	8.11E+08	830700	313.091	0.321	46.44305	-102.583
58651	475	277	1.77E+09	4250635	684.316	1.641	46.25591	-103.733
58652	987	487	9.96E+08	4547069	384.698	1.756	46.89407	-102.242

58653	601	347	1.06E+09	7094257	407.92	2.739	46.09726	-103.131
58654	289	141	1.23E+09	3250480	475.229	1.255	46.88723	-103.795
58655	484	200	2.57E+08	609769	99.057	0.235	46.78111	-103.03
58656	366	213	4.74E+08	1514683	183.002	0.585	46.94304	-102.458
58701	28368	13381	5.72E+08	8170855	220.774	3.155	48.14483	-101.326
58702	0	0	12695	0	0.005	0	48.23214	-101.294
58703	19396	8278	4.16E+08	2995265	160.597	1.156	48.33404	-101.307
58704	4770	1463	4753839	251078	1.835	0.097	48.42472	-101.321
58705	751	0	385419	0	0.149	0	48.42234	-101.334
58707	509	0	164989	0	0.064	0	48.24622	-101.301
58710	469	276	4.79E+08	25665754	184.99	9.91	47.86806	-100.231
58711	211	121	3.06E+08	1085639	117.96	0.419	48.92958	-101.289
58712	155	90	3.08E+08	8207075	119.071	3.169	47.97097	-100.532
58713	35	21	70143318	315914	27.082	0.122	48.53838	-100.582
58716	147	82	1.84E+08	3592952	71.021	1.387	47.80433	-101.068
58718	1040	456	1.07E+09	60716782	413.63	23.443	48.30556	-101.804
58721	529	334	6.19E+08	20833602	238.994	8.044	48.80308	-102.273
58722	1516	592	1.63E+08	2079720	62.947	0.803	48.23817	-101.501
58723	236	206	5.33E+08	18987365	205.888	7.331	47.74589	-100.596
58725	341	157	3.74E+08	2432530	144.382	0.939	48.49549	-101.68
58727	279	250	6.45E+08	8337686	248.962	3.219	48.83987	-102.797
58730	1295	749	6.39E+08	17381546	246.824	6.711	48.86488	-103.317
58731	300	143	3.07E+08	503932	118.618	0.195	48.43675	-100.984
58733	402	164	2.42E+08	8488583	93.281	3.277	48.17501	-101.588
58734	241	151	4.87E+08	10699782	188.161	4.131	48.51369	-101.935
58735	314	304	5.13E+08	12017783	198.086	4.64	47.87021	-101.481
58736	452	305	4.16E+08	21998422	160.769	8.494	47.93085	-100.397
58737	140	129	3.54E+08	5502075	136.73	2.124	48.91598	-102.382
58740	755	343	4.32E+08	583155	166.962	0.225	48.4689	-101.224
58741	554	277	4.2E+08	6105045	162.222	2.357	48.2768	-100.831
58744	143	110	2.24E+08	1854143	86.526	0.716	48.11655	-100.615
58746	1620	836	1.13E+09	23611723	437.168	9.117	48.71344	-102.094
58748	148	120	3.09E+08	17118564	119.311	6.61	48.68173	-100.655
58750	528	250	5.73E+08	8732621	221.351	3.372	48.61095	-101.398
58752	223	137	1.75E+08	1979546	67.508	0.764	48.82949	-102.58
58755	129	95	2.3E+08	1918287	88.94	0.741	48.62589	-102.951
58756	250	140	2.3E+08	3354976	88.962	1.295	47.9709	-101.815
58757	909	507	9.58E+08	1.34E+08	369.73	51.82	47.68628	-102.556
58758	222	129	2.87E+08	9791286	110.759	3.78	47.78203	-100.102
58759	821	374	6E+08	8397043	231.57	3.242	47.85562	-101.239
58760	254	146	3.92E+08	962839	151.521	0.372	48.6973	-101.158
58761	1104	612	7.28E+08	8942697	280.96	3.453	48.78437	-101.535
58762	246	149	2.83E+08	6003070	109.144	2.318	48.67321	-100.94
58763	3502	1917	1.34E+09	2.73E+08	518.077	105.277	47.99094	-102.565
58765	248	184	4.15E+08	5894115	160.33	2.276	48.8733	-103.043
58768	282	122	2.02E+08	204600	78.142	0.079	48.23324	-101.004
58769	229	196	5.28E+08	14656988	203.757	5.659	48.31991	-102.203

58770	1240	818	6.43E+08	73412068	248.231	28.345	47.88434	-102.17
58771	453	265	7.17E+08	18686425	276.923	7.215	48.08831	-101.976
58772	137	94	1.29E+08	1058424	49.988	0.409	48.95957	-102.623
58773	687	405	8.09E+08	25504180	312.226	9.847	48.58258	-102.658
58775	290	119	2.23E+08	1284805	86.191	0.496	47.71006	-101.861
58776	298	153	4.32E+08	4070696	166.963	1.572	48.24781	-102.623
58778	133	243	3.51E+08	3609214	135.487	1.394	47.78789	-100.934
58779	367	215	7.42E+08	8205708	286.362	3.168	47.86939	-101.775
58781	695	298	2.78E+08	720494	107.235	0.278	48.01576	-101.133
58782	436	231	4.91E+08	701113	189.748	0.271	48.94435	-101.705
58783	346	232	6.82E+08	6426880	263.16	2.481	48.87935	-100.764
58784	2330	962	8.31E+08	29923369	320.779	11.553	48.36436	-102.418
58785	1091	392	1.19E+08	269989	45.87	0.104	48.30779	-101.089
58787	136	148	2.72E+08	9244958	105.106	3.569	48.75632	-101.814
58788	1124	647	1.38E+09	26193067	534.601	10.113	48.3458	-100.468
58789	321	217	3.65E+08	16648356	140.74	6.428	48.55318	-100.809
58790	1585	693	4.76E+08	1516058	183.764	0.585	48.02957	-100.948
58792	227	138	4.23E+08	9656598	163.387	3.728	47.97123	-100.747
58793	609	315	4.23E+08	8884869	163.224	3.43	48.87219	-101.05
58794	159	150	2.52E+08	23253582	97.476	8.978	48.26891	-102.78
58795	198	175	5.24E+08	10643040	202.378	4.109	48.64038	-103.157
58801	18371	8179	2.15E+09	91481225	831.52	35.321	48.21789	-103.763
58830	213	153	7.68E+08	10724626	296.339	4.141	48.61187	-103.461
58831	472	255	8.58E+08	6941533	331.277	2.68	47.79935	-103.659
58833	80	71	2.2E+08	6748618	85.019	2.606	48.88712	-103.51
58835	313	174	5.91E+08	24165113	228.252	9.33	47.76758	-103.437
58838	199	101	6.43E+08	18709771	248.408	7.224	47.76999	-103.901
58843	466	247	5.55E+08	41552988	214.164	16.044	48.23386	-103.377
58844	142	112	6.08E+08	14604808	234.849	5.639	48.88753	-103.75
58845	371	213	6.67E+08	22517265	257.678	8.694	48.64104	-103.918
58847	283	125	5.07E+08	108523	195.635	0.042	47.91089	-102.908
58849	883	521	6.57E+08	12492038	253.705	4.823	48.31753	-103.203
58852	1750	933	8.99E+08	52482687	347.039	20.264	48.36429	-102.947
58853	292	118	9721795	0	3.754	0	48.07543	-103.837
58854	2804	1417	1.57E+09	61331620	604.567	23.68	47.82835	-103.153
58856	131	88	4.78E+08	6497295	184.612	2.509	48.59503	-103.733
59001	1643	904	4.13E+08	172048	159.473	0.066	45.53289	-109.533
59002	165	75	1.69E+08	163251	65.2	0.063	46.00834	-108.658
59003	1160	531	1.77E+09	94638	681.525	0.037	45.44576	-106.202
59006	926	398	1.67E+08	32428	64.501	0.013	45.92083	-108.089
59007	113	79	1.49E+08	20761	57.57	0.008	45.14101	-109.13
59008	410	215	2.64E+08	1891042	101.761	0.73	45.06173	-109.088
59010	102	55	8.57E+08	2040670	331.049	0.788	45.99271	-107.286
59011	3027	1694	2.43E+09	10399784	936.388	4.015	45.92475	-109.949
59012	249	119	6.68E+08	139927	257.976	0.054	45.27485	-106.439
59013	127	69	7778110	0	3.003	0	45.45611	-109.087
59014	1446	736	1.07E+09	2310775	412.917	0.892	45.19395	-108.76

59015	576	200	6.41E+08	1403203	247.391	0.542	46.05407	-108.804
59016	1089	333	1.02E+09	222617	394.475	0.086	45.39268	-106.947
59018	602	337	5.41E+08	125414	209.024	0.048	45.85274	-110.542
59019	3972	1888	8.91E+08	9632569	343.935	3.719	45.65178	-109.218
59020	77	162	6.08E+08	7811250	234.889	3.016	45.10796	-110.101
59022	1945	481	4.31E+08	187704	166.589	0.072	45.53787	-107.288
59024	390	220	1.3E+09	10959573	501.132	4.232	46.27843	-107.807
59025	56	74	1.17E+09	8811169	453.55	3.402	45.10718	-106.633
59026	194	91	53305971	379524	20.582	0.147	45.48536	-108.784
59027	836	622	5.58E+08	3010625	215.518	1.162	45.24215	-110.913
59028	434	369	5.67E+08	3144736	218.732	1.214	45.3024	-109.714
59029	733	375	2.63E+08	1472873	101.548	0.569	45.40797	-108.799
59030	1263	875	1.25E+09	2694589	483.047	1.04	45.10452	-110.519
59031	339	106	1.82E+08	19814	70.211	0.008	45.50243	-107.415
59032	408	206	1.09E+09	1641241	422.703	0.634	47.02462	-108.703
59033	334	165	1.97E+08	3937444	76.127	1.52	45.72948	-109.701
59034	5189	2111	1.98E+09	14688180	763.802	5.671	45.69725	-107.693
59035	227	238	1.95E+08	1387995	75.468	0.536	45.283	-107.963
59036	1505	765	1.47E+09	516087	568.231	0.199	46.48028	-109.934
59037	1672	719	4.86E+08	3377221	187.704	1.304	45.82398	-108.242
59038	656	382	2.26E+09	15441085	873.507	5.962	46.20313	-107.208
59039	28	31	1.13E+09	1753444	436.16	0.677	46.68677	-107.291
59041	1950	921	5.1E+08	3572184	196.739	1.379	45.52681	-108.982
59043	2950	863	1.06E+09	176921	407.953	0.068	45.5508	-106.676
59044	10971	4588	4.59E+08	6167714	177.33	2.381	45.63015	-108.728
59046	390	218	1.45E+09	2317745	557.919	0.895	46.39848	-109.016
59047	11880	6506	2.32E+09	7785868	896.155	3.006	45.54729	-110.571
59050	1715	540	1.59E+09	2589598	612.569	1	45.23663	-107.544
59052	139	321	1.8E+09	3810610	694.625	1.471	45.4663	-110.145
59053	354	299	1.52E+09	2930672	588.529	1.132	46.46129	-110.46
59054	315	184	1.68E+09	1270215	647.708	0.49	46.64454	-107.749
59055	59	40	6.37E+08	322925	245.826	0.125	46.109	-109.81
59057	692	292	6.84E+08	791517	264.062	0.306	45.8535	-108.933
59058	50	34	1.03E+09	4311922	396.113	1.665	47.14701	-107.718
59059	146	129	6.44E+08	22458	248.462	0.009	46.40792	-108.073
59061	272	401	6.97E+08	3181101	269.047	1.228	45.26633	-109.89
59062	35	32	3.41E+08	126450	131.492	0.049	45.09294	-106.15
59063	2058	841	1.8E+08	2260946	69.638	0.873	45.66977	-108.948
59064	284	132	3.86E+08	4181453	149.196	1.614	45.81918	-107.978
59065	197	151	1.53E+08	1805589	59.039	0.697	45.27143	-110.715
59066	701	236	7.77E+08	87423	299.983	0.034	45.33587	-108.51
59067	221	137	8.99E+08	3379227	347.185	1.305	46.00039	-109.218
59068	3580	2913	1.37E+09	14296578	527.712	5.52	45.1193	-109.446
59069	461	263	9.06E+08	2502196	349.822	0.966	45.82035	-109.501
59070	1047	651	4.06E+08	2877594	156.707	1.111	45.37531	-109.186
59071	104	239	2.56E+08	698595	98.83	0.27	45.24567	-109.631
59072	4140	2366	2.59E+09	6082879	1000.024	2.349	46.4713	-108.545

59074	490	261	1.56E+09	270536	602.293	0.104	46.36306	-109.353
59075	289	141	7.51E+08	3314682	290.048	1.28	45.40533	-107.884
59076	33	22	30794313	0	11.89	0	46.27875	-107.074
59077	79	58	1.41E+09	1199874	544.657	0.463	47.20509	-107.601
59078	145	146	6.4E+08	8069924	247.034	3.116	46.33365	-109.611
59079	3481	1354	9.17E+08	1424226	354.115	0.55	46.06212	-108.363
59081	9	98	2317387	0	0.895	0	45.00832	-109.974
59082	39	18	753595	39485	0.291	0.015	45.74301	-110.225
59085	88	88	7.6E+08	4395462	293.469	1.697	46.33158	-110.185
59086	727	489	1.24E+09	2801616	479.236	1.082	46.07224	-110.561
59087	436	295	3.84E+09	47779218	1481.736	18.448	47.14192	-108.227
59088	1373	613	8.53E+08	5560187	329.464	2.147	46.07434	-108.094
59089	467	153	6.42E+08	128945	247.96	0.05	45.08348	-107.362
59101	39562	17387	1.32E+09	7299954	509.014	2.819	45.61305	-108.39
59102	46564	21613	38267476	0	14.775	0	45.77565	-108.58
59105	29624	11855	2.69E+08	2565941	103.973	0.991	45.89282	-108.498
59106	12375	4798	2.51E+08	39400	96.946	0.015	45.81366	-108.706
59201	5100	2048	3.57E+09	26659547	1377.327	10.293	48.17293	-105.7
59211	125	97	2.76E+08	63962	106.605	0.025	48.69864	-104.35
59212	373	187	7.92E+08	8997685	305.653	3.474	48.22239	-104.143
59213	772	283	1.14E+09	10817936	440.161	4.177	48.18941	-104.887
59214	120	73	8.87E+08	18260838	342.634	7.051	47.30728	-105.994
59215	1135	606	3.44E+09	19604238	1326.685	7.569	47.51819	-105.775
59217	100	42	9007765	0	3.478	0	47.57932	-104.249
59218	927	449	8.48E+08	3888773	327.491	1.501	48.08262	-104.56
59219	199	120	6.62E+08	11294734	255.465	4.361	48.5261	-104.22
59221	1658	795	7.33E+08	15561187	283.115	6.008	47.93409	-104.188
59222	221	147	6.12E+08	191834	236.133	0.074	48.69349	-105.116
59223	364	290	5.75E+08	64229742	222.086	24.799	47.83378	-106.213
59225	560	203	7.95E+08	3959470	306.763	1.529	48.28438	-105.975
59226	410	255	8.41E+08	3543489	324.896	1.368	48.35247	-104.571
59230	4490	2385	4E+09	1.55E+08	1543.502	59.908	48.1017	-106.836
59231	264	1001	5165801	0	1.995	0	48.39805	-106.548
59240	21	17	1.05E+08	0	40.355	0	48.84217	-106.236
59241	413	240	3.42E+09	6728026	1322.392	2.598	48.47764	-107.06
59242	79	41	98648002	38470506	38.088	14.854	48.44367	-104.451
59243	345	175	9.87E+08	4902810	381.23	1.893	47.75755	-104.679
59244	65	40	5.13E+08	308451	198.03	0.119	48.59045	-106.306
59247	314	216	3.99E+08	807219	154.123	0.312	48.5162	-104.524
59248	762	465	1.52E+09	12175669	588.745	4.701	48.29158	-106.299
59250	198	150	1.42E+09	967426	547.567	0.374	48.87482	-106.557
59252	115	96	4.98E+08	509397	192.294	0.197	48.9179	-104.816
59253	112	87	6.61E+08	46112	255.182	0.018	48.70109	-105.899
59254	2026	1125	7.03E+08	364566	271.61	0.141	48.75434	-104.608
59255	3429	1159	1.74E+09	16208097	669.895	6.258	48.24417	-105.169
59256	59	39	1.64E+08	495500	63.413	0.191	48.92511	-104.563
59257	61	71	3.97E+08	10499	153.314	0.004	48.75131	-104.962

59258	110	73	4.65E+08	41611	179.563	0.016	48.5847	-104.691
59259	348	252	1.62E+09	1576393	626.755	0.609	47.68096	-105.1
59260	110	94	8.94E+08	222593	345.177	0.086	48.82695	-106.088
59261	520	354	1.29E+09	22712094	498.511	8.769	48.57362	-107.387
59262	655	306	7.13E+08	3651934	275.19	1.41	47.48962	-104.497
59263	1349	800	1.74E+09	641849	671.372	0.248	48.78815	-105.529
59270	7339	3411	2.49E+09	22000685	962.812	8.495	47.60946	-104.086
59274	206	131	9.25E+08	733947	357.238	0.283	47.82189	-105.485
59275	376	249	9.87E+08	31675077	380.96	12.23	48.87447	-104.199
59276	40	53	2.91E+08	141905	112.367	0.055	48.95223	-105.212
59301	11404	5421	8.15E+09	19209945	3145.064	7.417	46.29334	-105.76
59311	159	118	2.63E+09	7691369	1015.641	2.97	45.17168	-104.417
59312	31	29	6.51E+08	167463	251.204	0.065	47.00238	-106.215
59313	2498	1257	2.4E+09	4568546	927.039	1.764	46.30966	-104.245
59314	112	76	7.29E+08	294830	281.437	0.114	45.07561	-105.375
59315	150	84	5.83E+08	196851	224.978	0.076	47.4365	-104.858
59317	1164	672	4.77E+09	679643	1841.154	0.262	45.35654	-105.488
59318	136	74	1.33E+09	69112867	513.131	26.685	47.50115	-107.514
59322	85	46	1.42E+09	1436906	548.118	0.555	47.0105	-106.686
59323	2294	1019	1.6E+08	721538	61.656	0.279	45.98421	-106.666
59324	821	578	4.16E+09	6846048	1605.044	2.643	45.78374	-104.543
59326	265	152	9.19E+08	10311630	354.734	3.981	46.77036	-104.859
59327	2945	1531	5.48E+09	24754401	2117.01	9.558	46.23677	-106.682
59330	8307	3806	3.15E+09	19563369	1214.713	7.553	47.09869	-104.749
59332	146	87	1.56E+09	4671038	600.576	1.803	45.32816	-104.862
59333	21	13	19229886	1180351	7.425	0.456	46.27737	-106.22
59336	192	115	2.4E+09	1762646	928.042	0.681	46.332	-105.023
59337	812	595	5.97E+09	3.69E+08	2304.016	142.561	47.38425	-106.798
59338	142	57	2.03E+08	4705617	78.269	1.817	46.64046	-105.64
59339	149	88	8.51E+08	435116	328.452	0.168	47.27055	-105.196
59343	82	42	4.54E+08	160492	175.117	0.062	45.66259	-105.465
59344	300	168	1.16E+09	850864	449.191	0.329	46.39888	-104.594
59347	321	172	2.18E+09	13496274	843.021	5.211	46.38389	-106.32
59349	913	526	3.62E+09	13003555	1398.718	5.021	46.89015	-105.502
59351	200	109	1.38E+09	351893	534.423	0.136	45.75235	-105.75
59353	1017	538	2.3E+09	1713204	889.265	0.661	46.96287	-104.274
59354	41	15	1.17E+08	96360	44.99	0.037	46.18192	-104.3
59401	13774	6749	8047826	754368	3.107	0.291	47.51122	-111.276
59404	26867	11142	9.37E+08	9625587	361.6	3.716	47.63177	-111.329
59405	31438	14307	1.05E+09	7499487	405.817	2.896	47.31926	-111.299
59410	666	608	3.03E+09	22627723	1169.437	8.737	47.48688	-112.635
59411	460	467	6.19E+08	18668360	239.173	7.208	48.86292	-113.394
59412	1747	799	9.95E+08	65410	384.012	0.025	47.32727	-110.889
59414	904	474	4311609	456557	1.665	0.176	47.5281	-111.259
59416	337	210	8.99E+08	1320486	347.206	0.51	48.03734	-111.493
59417	7719	2521	3.63E+09	60283606	1401.805	23.276	48.70139	-113.129
59418	95	49	2.64E+08	11787	102.043	0.005	46.7995	-109.92

59419	96	61	2.18E+08	11670815	84.004	4.506	47.98373	-112.417
59420	243	94	6.34E+08	322986	244.71	0.125	47.87749	-111.004
59421	1831	1441	1.8E+09	12370095	693.99	4.776	47.19607	-111.737
59422	2643	1338	2.77E+09	19498470	1069.259	7.528	47.81394	-112.474
59424	87	53	1.78E+08	30037	68.764	0.012	47.35294	-110.107
59425	3751	1728	1.46E+09	1232319	563.926	0.476	48.18719	-111.899
59427	4757	2054	2.75E+09	19443794	1063.47	7.507	48.77023	-112.533
59430	454	271	1.32E+09	2826699	509.234	1.091	47.4281	-109.829
59432	104	75	1.27E+08	62221	48.955	0.024	48.16893	-112.411
59433	594	323	9.37E+08	284604	361.698	0.11	47.88362	-111.692
59434	463	306	7.55E+08	7761170	291.49	2.997	48.47949	-113.364
59436	1827	828	6.8E+08	18228933	262.697	7.038	47.612	-112.047
59440	175	92	4.41E+08	3427874	170.383	1.324	47.71602	-111.159
59441	82	96	6.41E+08	145192	247.47	0.056	46.86092	-108.984
59442	1789	1008	2.2E+09	22132070	850.147	8.545	47.89461	-110.645
59443	612	261	1.61E+08	28723	62.334	0.011	47.56393	-111.829
59444	355	111	8.61E+08	3712673	332.61	1.433	48.72706	-111.377
59446	564	329	1.83E+09	16916391	708.453	6.531	47.6184	-110.16
59447	250	165	1.01E+09	309753	388.316	0.12	47.26485	-110.473
59448	743	206	2.92E+08	3755430	112.896	1.45	48.26702	-112.781
59450	467	250	9.87E+08	3101134	381.24	1.197	47.55253	-110.743
59451	241	132	6.02E+08	648068	232.316	0.25	47.38918	-109.39
59452	525	376	1.07E+09	1185640	414.178	0.458	46.8619	-110.107
59453	362	220	1.15E+09	49782	444.255	0.019	46.63857	-109.653
59454	201	122	3.24E+08	7295121	125.148	2.817	48.72252	-112.005
59456	233	91	9.71E+08	51589662	374.78	19.919	48.27015	-111.362
59457	9105	4448	2.8E+09	1163504	1080.544	0.449	47.14	-109.311
59460	233	150	7.18E+08	6216390	277.364	2.4	48.08457	-110.505
59461	33	19	1.37E+08	203195	52.963	0.078	48.48934	-111.201
59462	168	102	3.59E+08	181226	138.751	0.07	47.12256	-109.892
59463	169	391	5.9E+08	0	227.899	0	47.03564	-110.831
59464	500	236	5.66E+08	242735	218.574	0.094	46.90711	-109.655
59465	52	185	1.13E+08	0	43.519	0	46.89035	-110.72
59466	97	63	3.96E+08	2707194	152.852	1.045	48.76883	-111.701
59467	259	44	6.36E+08	420970	245.735	0.163	48.06736	-112.601
59468	571	250	6.53E+08	184733	251.993	0.071	47.70561	-111.628
59469	157	111	2.64E+08	0	102.074	0	47.2014	-110.702
59471	295	166	2.45E+09	7840371	945.704	3.027	47.42666	-108.772
59472	657	284	1.04E+08	40482	40.326	0.016	47.39663	-111.159
59474	3820	1602	1.83E+09	25152630	706.325	9.711	48.50881	-111.73
59477	521	200	1.87E+08	197032	72.219	0.076	47.45016	-111.917
59479	826	498	1.68E+09	325886	648.387	0.126	47.03256	-110.305
59480	383	205	6.33E+08	34495	244.457	0.013	47.15648	-111.229
59482	802	329	8.45E+08	19247080	326.129	7.431	48.86988	-111.912
59483	530	230	2.71E+08	114295	104.475	0.044	47.45301	-111.701
59484	111	94	3.45E+08	2458790	133.313	0.949	48.96718	-111.659
59485	705	269	52070369	1655288	20.104	0.639	47.4017	-111.572

59486	1328	506	1.42E+09	38092156	547.922	14.707	48.32801	-112.352
59487	1240	559	1.36E+08	2270	52.534	0.001	47.5872	-111.638
59489	396	212	1.64E+09	13873323	631.682	5.357	47.62455	-109.229
59501	12638	5863	3.33E+09	23087870	1285.991	8.914	48.68986	-109.781
59520	1030	585	2.81E+09	12341725	1084.275	4.765	48.02511	-109.911
59521	3475	1002	7.63E+08	737963	294.705	0.285	48.29878	-109.918
59522	1755	749	2.3E+09	9371872	889.494	3.619	48.55078	-111.005
59523	2287	1180	3.53E+09	12276845	1363.674	4.74	48.53158	-109.239
59524	663	313	1.87E+09	10261569	720.52	3.962	48.22906	-108.337
59525	384	149	8.66E+08	3465183	334.402	1.338	48.68965	-110.303
59526	2435	936	2.02E+09	2636214	780.633	1.018	48.44057	-108.718
59527	974	331	5.45E+08	2512166	210.536	0.97	48.03336	-108.753
59528	208	130	3.94E+08	132949	151.934	0.051	48.57618	-110.409
59529	163	88	1.08E+09	663318	415.542	0.256	48.82452	-108.632
59530	99	92	6.34E+08	376617	244.786	0.145	48.63178	-110.717
59531	241	189	5.9E+08	259303	227.66	0.1	48.78839	-110.801
59532	180	103	5.61E+08	14326616	216.581	5.532	48.57815	-110.106
59535	74	69	1.91E+09	7904934	738.372	3.052	47.9805	-109.291
59537	96	36	1.16E+09	2716917	449.311	1.049	48.82978	-108.056
59538	3037	1553	6.65E+09	1.38E+08	2568.063	53.179	48.11202	-107.846
59540	371	231	1.04E+09	2429620	401.002	0.938	48.59508	-110.564
59542	192	95	6.31E+08	1351541	243.67	0.522	48.79301	-108.379
59544	175	94	1.39E+09	4960887	536.791	1.915	48.80531	-107.557
59545	39	30	2.27E+08	493354	87.714	0.19	48.93896	-111.163
59546	129	125	1.34E+09	7962666	516.698	3.074	47.75119	-108.592
59547	38	23	73202140	328405	28.264	0.127	48.66156	-109.03
59601	29283	14056	3.58E+08	677424	138.347	0.262	46.5274	-112.21
59602	24285	10411	1.38E+09	53940985	533.645	20.827	46.73937	-111.906
59631	237	157	4.41E+08	50100	170.292	0.019	46.31834	-112.43
59632	1939	914	1.3E+09	3166531	501.065	1.223	46.19991	-112.02
59633	206	186	5.78E+08	96137	223.299	0.037	46.81885	-112.343
59634	4819	1859	3.98E+08	500633	153.752	0.193	46.45351	-111.948
59635	7282	2892	1.87E+08	319436	72.133	0.123	46.56513	-111.826
59636	12	18	5051796	0	1.951	0	46.61973	-112.11
59638	617	283	2.5E+08	367	96.477	0	46.36076	-111.967
59639	1286	1215	1.75E+09	4539982	677.039	1.753	47.07614	-112.693
59640	89	63	8934724	424	3.45	0	46.73612	-112.299
59642	62	40	3.23E+08	724605	124.783	0.28	46.28348	-110.719
59643	437	261	5.38E+08	3178881	207.772	1.227	46.17252	-111.59
59644	4036	1972	1.91E+09	61323866	739.062	23.677	46.42879	-111.416
59645	1635	1083	4.32E+09	3796514	1669.332	1.466	46.68767	-111.055
59647	334	141	2.02E+08	51657603	78.087	19.945	46.49104	-111.653
59648	635	710	1.73E+09	19434652	667.881	7.504	47.07724	-112.128
59701	33147	16176	1.17E+09	1954602	452.267	0.755	46.03504	-112.476
59703	43	18	2321651	0	0.896	0	46.04569	-112.537
59710	286	264	1.56E+09	3954772	603.109	1.527	45.06535	-112.068
59711	8933	5592	1.6E+09	19466426	616.825	7.516	46.09906	-113.139

59713	213	113	4.26E+08	187511	164.494	0.072	46.70078	-112.561
59714	18182	7462	1.15E+09	2756451	445.03	1.064	45.98028	-111.13
59715	31567	14370	1.2E+09	707503	462.298	0.273	45.82641	-110.899
59716	1798	3137	1.04E+09	1344006	400.706	0.519	45.06713	-111.489
59718	27367	12530	6.19E+08	2925524	239	1.13	45.57627	-111.118
59720	191	394	9.43E+08	9230378	364.128	3.564	44.85875	-111.724
59721	433	263	6.66E+08	1169243	257.232	0.451	45.88307	-111.837
59722	5781	2124	9.49E+08	1926817	366.222	0.744	46.36648	-112.773
59724	128	110	1.52E+09	89141	585.632	0.034	44.69625	-112.762
59725	7963	3861	5.62E+09	21905278	2169.779	8.458	45.09802	-112.821
59727	221	163	7.16E+08	877450	276.275	0.339	45.80168	-112.838
59728	343	229	5.34E+08	29048	206.012	0.011	46.50891	-112.435
59729	2141	1553	1.4E+09	4432750	538.672	1.711	45.29372	-111.649
59730	1790	1341	1.74E+09	4549707	673.218	1.757	45.27447	-111.135
59731	209	123	3.55E+08	7066	136.926	0.003	46.5822	-112.78
59732	128	101	3.58E+08	828236	138.388	0.32	45.48522	-112.727
59733	198	117	4.7E+08	922242	181.458	0.356	46.49225	-112.942
59735	331	234	4.5E+08	1912412	173.838	0.738	45.65122	-111.869
59736	127	134	1.09E+09	1775697	422.582	0.686	45.32065	-113.374
59739	340	375	2.5E+09	46649610	964.721	18.012	44.63588	-112.172
59740	495	357	3.04E+08	16035381	117.294	6.191	45.48294	-111.828
59741	4352	1929	4.06E+08	1451326	156.874	0.56	45.76982	-111.368
59743	134	122	2.12E+08	171028	81.877	0.066	45.68041	-112.68
59745	134	82	4.52E+08	1268718	174.433	0.49	45.5952	-111.615
59746	92	193	4.2E+08	805564	162.236	0.311	45.38645	-113.062
59747	159	143	1.5E+08	152351	57.912	0.059	45.73518	-111.924
59748	254	102	52593601	0	20.307	0	46.04668	-112.699
59749	1513	907	5.13E+08	359775	198.015	0.139	45.4516	-112.085
59750	309	142	1.74E+08	378812	67.289	0.146	45.94819	-112.757
59751	208	140	6.01E+08	79169	231.935	0.031	45.70478	-112.436
59752	3431	1583	1E+09	13069518	386.489	5.046	45.94638	-111.504
59754	964	556	7.71E+08	350496	297.802	0.135	45.45686	-112.326
59755	210	200	2.22E+08	53798	85.531	0.021	45.31929	-111.917
59756	463	48	29882610	0	11.538	0	46.17985	-112.828
59758	1769	1742	8.25E+08	52792769	318.513	20.383	44.74194	-111.183
59759	3643	1794	1.18E+09	683198	455.017	0.264	45.85162	-112.191
59760	260	152	1.54E+08	1100043	59.639	0.425	45.76663	-111.632
59761	265	274	2.23E+09	4061742	860.988	1.568	45.64232	-113.534
59762	258	271	1.58E+09	4070748	611.537	1.572	45.60219	-113.031
59801	30940	14103	17620495	193291	6.803	0.075	46.8564	-114.014
59802	18407	9143	1.19E+08	1722294	46.007	0.665	46.90387	-113.919
59803	16203	6429	2.07E+08	795357	79.806	0.307	46.79661	-113.95
59804	7533	3236	3.26E+08	2929810	125.925	1.131	46.87576	-114.234
59808	17904	7792	3.4E+08	4316678	131.124	1.667	46.98086	-114.086
59820	1361	768	1.03E+09	3445161	397.894	1.33	46.89885	-114.626
59821	2377	1040	6.1E+08	1000612	235.58	0.386	47.17334	-114.077
59823	1561	804	8.37E+08	2929379	323.28	1.131	46.91981	-113.578

59824	1792	713	2.34E+08	12072605	90.435	4.661	47.42274	-114.203
59825	2412	1243	1.34E+09	2265042	518.144	0.875	46.61428	-113.736
59826	521	682	1.13E+09	21050906	437.025	8.128	47.37392	-113.792
59827	300	209	1.96E+08	356124	75.716	0.138	45.88563	-114.004
59828	5543	2477	4.32E+08	885536	166.696	0.342	46.33117	-113.975
59829	2679	1642	1.93E+09	8715679	747.018	3.365	45.77642	-114.296
59830	146	106	84847755	0	32.76	0	47.42453	-115.344
59831	454	210	2.81E+08	2977730	108.617	1.15	47.26012	-114.368
59832	765	450	6.74E+08	684811	260.279	0.264	46.68896	-113.253
59833	5448	2247	4.5E+08	1526899	173.832	0.59	46.65549	-114.062
59834	2240	852	1.9E+08	1347982	73.471	0.52	47.08095	-114.222
59837	407	224	4.32E+08	884229	166.835	0.341	46.5403	-113.255
59840	13052	6696	1.21E+09	6897788	468.73	2.663	46.18549	-114.194
59841	917	194	3354738	3575	1.295	0.001	46.33421	-114.223
59842	90	70	3.32E+08	291594	128.119	0.113	47.32995	-115.437
59843	260	244	9.58E+08	4378714	369.798	1.691	46.8326	-112.966
59844	736	383	3.13E+08	5138696	120.887	1.984	48.05823	-115.974
59845	1186	760	1.18E+09	6347987	455.766	2.451	47.69034	-114.556
59846	1617	741	5.34E+08	679409	206.014	0.262	47.15181	-114.513
59847	5658	2290	9.28E+08	1088990	358.252	0.42	46.70209	-114.461
59848	106	52	91559044	1069279	35.351	0.413	47.69949	-114.693
59851	173	82	558856	61896	0.216	0.024	46.87154	-113.877
59853	699	481	6.75E+08	15628256	260.52	6.034	48.04202	-115.791
59854	239	226	9.58E+08	6328022	369.902	2.443	47.02846	-113.088
59855	957	363	1869748	0	0.722	0	47.60551	-114.119
59856	347	256	2.07E+08	3495764	79.951	1.35	47.31418	-114.748
59858	1538	1299	2.12E+09	3467254	818.045	1.339	46.28577	-113.467
59859	3270	1776	1.8E+09	12039627	693.544	4.649	47.53521	-114.827
59860	9913	6461	6.29E+08	1.52E+08	242.796	58.546	47.70652	-114.173
59863	76	53	31974522	84932	12.345	0.033	47.30023	-114.183
59864	6752	2753	4.91E+08	7294503	189.435	2.816	47.52925	-114.109
59865	3185	1336	4.05E+08	4507284	156.287	1.74	47.33051	-114.01
59866	943	588	5.88E+08	2355561	227.163	0.909	47.32704	-115.159
59867	28	45	1.51E+08	97400	58.405	0.038	47.44	-115.612
59868	2054	1991	4.69E+08	19177593	180.95	7.405	47.21179	-113.506
59870	9617	4444	6.57E+08	3152912	253.849	1.217	46.51631	-114.063
59871	218	343	8.68E+08	1477786	335.141	0.571	45.87073	-113.819
59872	2309	1212	1.24E+09	4940539	477.219	1.908	47.11002	-114.901
59873	3085	1865	1.96E+09	11124470	756.536	4.295	47.66831	-115.297
59874	1568	930	9.2E+08	19091877	355.03	7.371	47.79941	-115.623
59875	3537	1803	3.35E+08	1716170	129.293	0.663	46.41984	-114.315
59901	49693	22002	1.17E+09	32844591	452.114	12.681	48.22965	-114.385
59910	356	419	1.43E+08	70920690	55.396	27.383	47.79527	-114.299
59911	7678	5995	1.02E+09	1.04E+08	392.38	40.18	47.73844	-113.741
59912	13499	6048	3.63E+08	6109462	140.239	2.359	48.40822	-114.154
59913	675	374	1.48E+08	684271	57.144	0.264	48.44028	-113.951
59914	234	242	36072427	18413961	13.928	7.11	47.8582	-114.282

59915	403	326	87069295	9657317	33.618	3.729	47.84813	-114.405
59916	130	389	2.7E+08	1110457	104.397	0.429	48.25653	-113.382
59917	4225	2387	6.69E+08	4981967	258.227	1.924	48.93604	-114.877
59918	592	326	2.35E+08	2260935	90.787	0.873	48.7681	-114.859
59919	839	662	2.46E+09	8638661	949.792	3.335	47.95855	-113.24
59920	1680	853	4.67E+08	5979728	180.354	2.309	48.05374	-114.546
59922	2408	1548	87606570	99316862	33.825	38.346	47.99664	-114.188
59923	9856	5285	3.55E+09	17846596	1369.297	6.891	48.22614	-115.392
59925	1435	1011	9.79E+08	22235874	377.931	8.585	48.04836	-114.834
59926	513	270	24989096	316590	9.648	0.122	48.35272	-113.998
59927	368	217	6.15E+08	6425044	237.55	2.481	48.59235	-114.712
59928	88	508	1.55E+09	16139881	599.97	6.232	48.77814	-114.458
59929	237	263	1.57E+08	6445060	60.527	2.488	47.92743	-114.369
59930	867	704	2.15E+08	47209879	82.868	18.228	48.86673	-115.133
59931	328	436	26537498	51990995	10.246	20.074	47.91463	-114.175
59932	1648	974	67606713	28642456	26.103	11.059	48.058	-114.192
59933	43	37	20706511	578772	7.995	0.223	48.68238	-114.773
59934	528	344	4.89E+08	3340250	188.954	1.29	48.6003	-114.898
59935	3576	2330	2.33E+09	13866489	899.498	5.354	48.65038	-115.833
59936	367	632	2.38E+09	67077137	918.891	25.899	48.6264	-113.808
59937	12588	7873	7.79E+08	23485209	300.735	9.068	48.40609	-114.533
60002	24299	10548	84457987	12420094	32.609	4.795	42.47108	-88.0838
60004	50582	21177	28701818	66765	11.082	0.026	42.11278	-87.9795
60005	29308	13484	16979978	104883	6.556	0.04	42.06449	-87.9855
60007	33820	14168	36460145	946066	14.077	0.365	42.00865	-87.9974
60008	22717	8905	13389228	11945	5.17	0.005	42.06979	-88.0162
60010	44095	17154	1.91E+08	6853778	73.783	2.646	42.14679	-88.1653
60012	11120	3933	44593835	22151	17.218	0.009	42.27249	-88.3141
60013	26872	9409	37767656	2134159	14.582	0.824	42.22319	-88.2355
60014	48550	17894	65536181	2905763	25.304	1.122	42.23241	-88.3274
60015	26800	9928	35037256	489285	13.528	0.189	42.17381	-87.8782
60016	59690	25330	27518585	251245	10.625	0.097	42.04958	-87.895
60018	30099	10954	42345213	656169	16.35	0.253	41.97939	-87.9118
60020	9825	5389	11831882	3301667	4.568	1.275	42.38905	-88.1733
60021	5545	2162	5675592	362692	2.191	0.14	42.1947	-88.2171
60022	8153	2993	10174351	3744418	3.928	1.446	42.13542	-87.7619
60025	39105	15684	29799274	262577	11.506	0.101	42.0752	-87.821
60026	13335	5359	10552664	0	4.074	0	42.09223	-87.8374
60029	482	157	2165140	0	0.836	0	42.05925	-87.7783
60030	36056	14489	66389884	3320939	25.633	1.282	42.33708	-88.0443
60031	37947	14559	48850231	884041	18.861	0.341	42.37357	-87.9394
60033	13922	5223	3.14E+08	367857	121.329	0.142	42.42479	-88.608
60034	2040	840	67279665	0	25.977	0	42.45632	-88.4197
60035	29763	12256	32848990	6895094	12.683	2.662	42.18597	-87.8059
60040	5431	1950	1824463	0	0.704	0	42.20637	-87.8131
60041	9250	3823	24887372	3946005	9.609	1.524	42.36455	-88.1511
60042	8547	3309	11853313	1364469	4.577	0.527	42.27821	-88.1966

60043	2513	855	1591034	0	0.614	0	42.08886	-87.7146
60044	9792	4211	19592039	3803150	7.565	1.468	42.28441	-87.8623
60045	20925	8004	54790343	4224848	21.155	1.631	42.236	-87.8648
60046	35111	12946	59312529	8032151	22.901	3.101	42.41632	-88.0591
60047	41669	14157	90114747	3564843	34.793	1.376	42.20313	-88.0442
60048	29095	11069	71298056	1806464	27.528	0.697	42.29541	-87.9506
60050	31620	12682	72477002	2323367	27.984	0.897	42.33115	-88.2952
60051	25192	10202	82827733	4058386	31.98	1.567	42.35546	-88.2287
60053	23260	9030	13014738	0	5.025	0	42.04234	-87.7889
60056	55219	22216	27850658	1196	10.753	0	42.06717	-87.9347
60060	37189	13194	61023056	3425504	23.561	1.323	42.27016	-88.0393
60061	25748	10179	20639233	505481	7.969	0.195	42.23491	-87.9591
60062	39936	16649	47995817	307011	18.531	0.119	42.12651	-87.8467
60064	15407	5413	13408002	1746687	5.177	0.674	42.32403	-87.8567
60067	38585	16577	35545352	160434	13.724	0.062	42.10632	-88.0644
60068	37475	15026	18373706	77742	7.094	0.03	42.01176	-87.8434
60069	8384	3830	17549922	417859	6.776	0.161	42.19616	-87.9239
60070	16001	6382	9329364	75022	3.602	0.029	42.10366	-87.929
60071	3598	1666	67245458	411441	25.964	0.159	42.46806	-88.3159
60072	928	333	20630678	0	7.966	0	42.4067	-88.3059
60073	60002	19344	53100857	2438804	20.502	0.942	42.34882	-88.1096
60074	38985	15444	18487770	324299	7.138	0.125	42.13146	-88.0263
60076	33415	11959	13866395	0	5.354	0	42.03526	-87.7299
60077	26825	11332	10426672	0	4.026	0	42.03475	-87.7572
60081	10079	3712	45758232	807105	17.667	0.312	42.45101	-88.2254
60083	9838	3671	68463662	1049561	26.434	0.405	42.4364	-87.9419
60084	16771	6639	37841077	2529442	14.611	0.977	42.26967	-88.1409
60085	71714	24362	38771835	2441917	14.97	0.943	42.3521	-87.8677
60087	26978	9878	34455146	2276108	13.303	0.879	42.40309	-87.8508
60088	15761	1430	6020439	2652331	2.325	1.024	42.30963	-87.8441
60089	41533	17047	25258713	92303	9.752	0.036	42.16747	-87.9607
60090	37633	15392	24323149	154296	9.391	0.06	42.12942	-87.9211
60091	27020	10268	13856986	3492923	5.35	1.349	42.07807	-87.7206
60093	19570	7536	22045825	4020510	8.512	1.552	42.10671	-87.7563
60096	6897	2755	12430994	2113847	4.8	0.816	42.47972	-87.8248
60097	11250	4534	38192908	3080447	14.746	1.189	42.39695	-88.371
60098	32228	12646	2.73E+08	197664	105.273	0.076	42.32623	-88.4561
60099	31104	11609	58826359	2951675	22.713	1.14	42.45991	-87.865
60101	39119	13341	29866966	854519	11.532	0.33	41.93106	-88.0131
60102	32193	11653	37541285	939599	14.495	0.363	42.16474	-88.3086
60103	41928	14772	49681202	913012	19.182	0.353	41.98045	-88.2034
60104	19038	6612	6096104	0	2.354	0	41.88285	-87.8764
60106	20309	7444	23233400	260810	8.97	0.101	41.9597	-87.9418
60107	39927	13659	20645758	86799	7.971	0.034	42.02059	-88.1778
60108	22735	9369	18630709	905100	7.193	0.349	41.95002	-88.0919
60109	560	231	7445739	0	2.875	0	42.04979	-88.5459
60110	38557	11822	23121084	552209	8.927	0.213	42.11469	-88.2919

60111	258	117	52828981	193591	20.397	0.075	42.0095	-88.8054
60112	4560	1651	9587096	5454	3.702	0.002	41.9248	-88.6902
60113	337	134	410023	0	0.158	0	41.93225	-88.9659
60115	46272	17761	2.09E+08	882158	80.761	0.341	41.90126	-88.7593
60118	15851	6461	52304125	1639366	20.195	0.633	42.1062	-88.3044
60119	10371	3772	1.31E+08	12477	50.457	0.005	41.85153	-88.4765
60120	50955	16718	42961291	867266	16.587	0.335	42.03449	-88.2384
60123	47405	17495	35666047	681546	13.771	0.263	42.04064	-88.3113
60124	18935	6987	99070783	173659	38.251	0.067	42.02017	-88.4007
60126	46371	17417	28841228	296537	11.136	0.114	41.89684	-87.9412
60129	242	99	44293766	0	17.102	0	42.00812	-88.975
60130	14167	7834	7168774	0	2.768	0	41.86644	-87.8174
60131	18097	6479	14368840	0	5.548	0	41.93876	-87.8843
60133	38103	11529	21024056	779300	8.117	0.301	41.97773	-88.1426
60134	28565	10459	39872798	628323	15.395	0.243	41.87834	-88.3421
60135	7248	2741	1.2E+08	591632	46.367	0.228	42.1125	-88.6709
60136	7013	2335	17768066	11407	6.86	0.004	42.10549	-88.3806
60137	37805	14837	28010288	591169	10.815	0.228	41.86521	-88.0615
60139	34381	11947	14375637	362510	5.55	0.14	41.91888	-88.0781
60140	14341	5166	2.13E+08	70449	82.108	0.027	42.08005	-88.5154
60141	224	84	1072024	0	0.414	0	41.85783	-87.838
60142	26447	11286	1.04E+08	118357	40.148	0.046	42.174	-88.4447
60143	10360	4227	17832233	703260	6.885	0.272	41.97417	-88.0228
60144	58	27	106763	0	0.041	0	41.83596	-88.5206
60145	2627	957	92837637	637676	35.845	0.246	42.08456	-88.7738
60146	2713	1029	1.39E+08	1078918	53.774	0.417	42.10045	-88.8744
60148	51468	21662	35095925	690970	13.551	0.267	41.87357	-88.0208
60150	1794	709	1.39E+08	176373	53.504	0.068	41.92583	-88.8945
60151	4061	1577	2.11E+08	274713	81.532	0.106	41.91848	-88.5745
60152	12533	4918	2.45E+08	302338	94.443	0.117	42.23779	-88.6255
60153	24106	8400	7762120	0	2.997	0	41.87928	-87.8433
60154	16773	7246	12486176	0	4.821	0	41.84747	-87.8916
60155	7927	3321	4829426	0	1.865	0	41.8577	-87.8562
60156	28987	9894	29297796	593363	11.312	0.229	42.20362	-88.3208
60157	2380	881	3844518	96485	1.484	0.037	41.9753	-88.0561
60160	25432	8534	11518695	0	4.447	0	41.90414	-87.8607
60162	8111	3114	8289155	0	3.2	0	41.86753	-87.9022
60163	5209	1919	4165453	0	1.608	0	41.88883	-87.909
60164	22048	7332	12276020	0	4.74	0	41.91751	-87.9007
60165	4946	1285	880352	0	0.34	0	41.90322	-87.8807
60169	33847	12805	19898547	225859	7.683	0.087	42.05087	-88.1166
60171	10246	4434	5847505	0	2.258	0	41.92505	-87.8384
60172	24537	9711	18001807	369060	6.951	0.142	41.97985	-88.0896
60173	12217	6548	15863102	9786	6.125	0.004	42.05156	-88.0555
60174	30752	12907	36274040	1140366	14.005	0.44	41.93076	-88.2987
60175	25564	8150	88657505	724196	34.231	0.28	41.94819	-88.3887
60176	11795	4700	6860618	0	2.649	0	41.95813	-87.8689

60177	22659	7722	22128596	839679	8.544	0.324	41.98848	-88.3102
60178	21840	9022	1.8E+08	1421223	69.328	0.549	42.00679	-88.6707
60180	1694	651	56109220	0	21.664	0	42.22526	-88.5245
60181	28836	11567	17076728	213231	6.593	0.082	41.8769	-87.9763
60184	2448	897	21026502	739247	8.118	0.285	41.9515	-88.2532
60185	36527	11142	78570519	2077598	30.336	0.802	41.89669	-88.211
60187	29016	10074	17154064	242721	6.623	0.094	41.87272	-88.1124
60188	42656	15967	26155804	812082	10.099	0.314	41.91574	-88.1294
60189	30472	12340	26394675	909914	10.191	0.351	41.83998	-88.1177
60190	10663	3999	12029415	201551	4.645	0.078	41.8718	-88.157
60191	14310	5725	14511095	347639	5.603	0.134	41.96631	-87.9809
60192	16343	5520	27319690	209342	10.548	0.081	42.06327	-88.2037
60193	39188	16649	23666216	75195	9.138	0.029	42.00967	-88.0966
60194	19777	8476	9375542	177883	3.62	0.069	42.03482	-88.1103
60195	4769	2528	5122557	0	1.978	0	42.07496	-88.0863
60201	43125	18268	12236667	2538085	4.725	0.98	42.05614	-87.6922
60202	31361	14913	7913053	1455196	3.055	0.562	42.03036	-87.6855
60203	4523	1763	1765387	0	0.682	0	42.04905	-87.7175
60301	2539	1764	400865	0	0.155	0	41.88855	-87.7989
60302	32108	15670	7803797	0	3.013	0	41.89461	-87.7897
60304	17231	7085	3969173	0	1.533	0	41.87239	-87.7895
60305	11172	4176	6410886	4794	2.475	0.002	41.89488	-87.8191
60401	7797	3203	1.47E+08	12586	56.752	0.005	41.34396	-87.6164
60402	63448	23339	13653673	151970	5.272	0.059	41.83522	-87.7914
60403	17529	7649	16965798	21597	6.551	0.008	41.55374	-88.1342
60404	17395	6372	40433858	467679	15.612	0.181	41.51305	-88.224
60406	25460	9559	14381543	240123	5.553	0.093	41.65495	-87.682
60407	1684	664	31051182	364810	11.989	0.141	41.23491	-88.2613
60408	5696	2202	19501759	539019	7.53	0.208	41.26374	-88.2155
60409	37186	15708	19287124	322264	7.447	0.124	41.61364	-87.5521
60410	12687	4258	64248674	6181206	24.807	2.387	41.4236	-88.2019
60411	58136	21400	82189811	544594	31.734	0.21	41.50877	-87.5903
60415	14139	5849	5944001	0	2.295	0	41.70295	-87.7788
60416	9397	3825	57848324	2669489	22.335	1.031	41.29391	-88.2831
60417	15547	6426	1.01E+08	98330	38.969	0.038	41.42759	-87.5861
60419	22788	8640	10879981	136161	4.201	0.053	41.62915	-87.5995
60420	6102	2173	2.6E+08	266790	100.548	0.103	41.08829	-88.417
60421	3968	1570	1.06E+08	398391	40.794	0.154	41.43118	-88.0997
60422	9403	3668	10918079	0	4.215	0	41.53696	-87.6841
60423	30423	10540	94430508	6761	36.46	0.003	41.47737	-87.8324
60424	2440	1017	1.34E+08	836705	51.586	0.323	41.16415	-88.3277
60425	9117	3578	12396163	0	4.786	0	41.54558	-87.6117
60426	29594	11405	19954704	0	7.705	0	41.61034	-87.6534
60428	12203	4278	13454827	0	5.195	0	41.5998	-87.6906
60429	15630	6054	10123623	54689	3.909	0.021	41.57403	-87.6837
60430	20094	8276	17614501	126073	6.801	0.049	41.55888	-87.6644
60431	22577	8110	35290456	116251	13.626	0.045	41.50967	-88.1802

60432	21403	6810	21711268	231439	8.383	0.089	41.54175	-88.0347
60433	17160	6163	33632353	89440	12.986	0.035	41.4995	-88.0437
60435	48899	19611	27734572	126331	10.708	0.049	41.54859	-88.1289
60436	18315	6926	39020767	2460576	15.066	0.95	41.48689	-88.1293
60437	187	87	49756386	6915	19.211	0.003	41.16293	-88.5604
60438	28884	11963	20581151	149619	7.946	0.058	41.56624	-87.5502
60439	22919	8533	78807832	3407701	30.428	1.316	41.6764	-87.9818
60440	52911	17217	41638235	484473	16.077	0.187	41.7006	-88.075
60441	36869	12655	72777727	1419141	28.1	0.548	41.59264	-88.05
60442	9924	3462	1.77E+08	0	68.327	0	41.3927	-87.9635
60443	21145	8209	29946635	134015	11.562	0.052	41.50218	-87.7482
60444	1761	723	1.22E+08	1452040	47.182	0.561	41.24312	-88.4027
60445	26057	10811	17911389	163034	6.916	0.063	41.63439	-87.7364
60446	39807	12670	44694672	676085	17.257	0.261	41.63202	-88.1062
60447	13709	4787	1.76E+08	862426	68.138	0.333	41.48724	-88.3222
60448	24423	8534	47015624	37158	18.153	0.014	41.53779	-87.8925
60449	9217	3539	1.26E+08	167099	48.591	0.065	41.41755	-87.7789
60450	20332	8685	4.08E+08	22860437	157.347	8.826	41.36637	-88.4346
60451	34063	11553	66085897	192519	25.516	0.074	41.50765	-87.9611
60452	27969	10663	24098229	163819	9.304	0.063	41.60801	-87.7535
60453	56855	23586	21904195	59	8.457	0	41.71344	-87.7526
60455	16446	5894	11285494	0	4.357	0	41.74208	-87.8086
60456	4349	1935	1240336	0	0.479	0	41.73125	-87.7311
60457	14049	5487	7504069	0	2.897	0	41.72466	-87.828
60458	14428	5838	7439101	126302	2.872	0.049	41.7534	-87.8269
60459	28929	9717	10868636	0	4.196	0	41.74443	-87.7686
60460	1522	654	2.49E+08	74780	96.189	0.029	40.99848	-88.5367
60461	4836	1999	7200227	9275	2.78	0.004	41.52212	-87.7007
60462	38723	15656	40625938	964328	15.686	0.372	41.62531	-87.8329
60463	14671	5853	13929262	322458	5.378	0.125	41.66245	-87.79
60464	9620	4030	20067859	970289	7.748	0.375	41.66284	-87.8608
60465	17495	7637	12297367	8799	4.748	0.003	41.69802	-87.8291
60466	22115	9897	16599952	66519	6.409	0.026	41.47782	-87.6832
60467	26046	9593	37685742	1055057	14.551	0.407	41.60162	-87.8891
60468	6116	2377	1.87E+08	175443	72.264	0.068	41.33528	-87.8103
60469	5930	1866	2457397	0	0.949	0	41.62836	-87.687
60470	616	260	96170850	0	37.132	0	41.16897	-88.641
60471	14101	5574	12430330	31490	4.799	0.012	41.47897	-87.7341
60472	5390	2060	4284829	154441	1.654	0.06	41.64308	-87.7081
60473	22439	7893	22037857	40377	8.509	0.016	41.59738	-87.5992
60474	760	342	8556009	1767973	3.303	0.683	41.18003	-88.2664
60475	9870	4248	12481010	7855	4.819	0.003	41.47254	-87.6275
60476	2391	1059	8744246	208984	3.376	0.081	41.56948	-87.6017
60477	38161	16328	33047771	30851	12.76	0.012	41.57214	-87.7893
60478	16833	6170	13456587	45922	5.196	0.018	41.56345	-87.7254
60479	760	290	1.06E+08	144636	40.805	0.056	41.23238	-88.5264
60480	5246	2288	15117477	697481	5.837	0.269	41.72924	-87.8813

60481	11851	5735	2.85E+08	12504108	109.987	4.828	41.28523	-88.1143
60482	11063	4708	6322620	33038	2.441	0.013	41.68784	-87.7899
60484	6829	2605	17428533	5723	6.729	0.002	41.44362	-87.7084
60487	26928	9057	22300994	63502	8.61	0.025	41.56273	-87.8344
60490	20463	5926	24443086	52343	9.438	0.02	41.66932	-88.1454
60491	22743	7919	65902462	126402	25.445	0.049	41.60255	-87.9629
60501	11626	3896	12527100	970849	4.837	0.375	41.7802	-87.8235
60502	21873	8200	27090071	406323	10.46	0.157	41.79065	-88.2597
60503	16717	5441	8627509	19957	3.331	0.008	41.71213	-88.2552
60504	37919	14382	22992804	546999	8.878	0.211	41.74745	-88.2386
60505	76573	23262	28917881	459593	11.165	0.177	41.76453	-88.2947
60506	53013	18743	48479757	841576	18.718	0.325	41.76539	-88.3622
60510	28897	11046	67148707	2418582	25.926	0.934	41.84114	-88.3066
60511	1793	693	77245763	35743	29.825	0.014	41.75899	-88.552
60512	1111	429	20557908	0	7.937	0	41.70158	-88.4398
60513	19047	7816	8175969	17368	3.157	0.007	41.82506	-87.8475
60514	9708	3967	5263005	32448	2.032	0.013	41.79569	-87.9622
60515	27503	12117	29182943	297387	11.268	0.115	41.81055	-88.0228
60516	29084	11969	20481229	322455	7.908	0.125	41.7613	-88.0134
60517	32038	12971	22512557	486493	8.692	0.188	41.74033	-88.0421
60518	3580	1538	3.47E+08	576987	133.937	0.223	41.59886	-88.9197
60519	88	36	160704	0	0.062	0	41.77782	-88.2426
60520	2886	1155	1.16E+08	411720	44.921	0.159	41.78727	-88.6675
60521	17597	6308	12205020	296246	4.712	0.114	41.80068	-87.9282
60523	9890	4751	23108741	878175	8.922	0.339	41.83661	-87.9535
60525	31168	13095	32646552	35241	12.605	0.014	41.78443	-87.869
60526	13576	5837	7111387	0	2.746	0	41.83179	-87.874
60527	27486	12151	37499879	937009	14.479	0.362	41.74262	-87.9324
60530	649	253	72829460	57040	28.12	0.022	41.79691	-88.953
60531	1902	786	1.51E+08	124831	58.264	0.048	41.61732	-88.7796
60532	27066	12481	23124188	689988	8.928	0.266	41.78944	-88.084
60534	10649	4340	4398839	74139	1.698	0.029	41.81324	-87.8219
60536	126	48	1965028	0	0.759	0	41.59754	-88.55
60537	665	241	1712657	153497	0.661	0.059	41.56052	-88.6042
60538	26619	9324	26134134	266374	10.09	0.103	41.72687	-88.3382
60539	341	6	1941673	47721	0.75	0.018	41.82724	-88.3362
60540	42910	16130	34163246	544204	13.191	0.21	41.76467	-88.1454
60541	3148	1189	2.18E+08	874295	84.35	0.338	41.51336	-88.5324
60542	17099	6233	24412860	609371	9.426	0.235	41.80961	-88.3526
60543	36156	12624	1.1E+08	1076271	42.664	0.416	41.66414	-88.3178
60544	25959	9812	60437797	3948929	23.335	1.525	41.61364	-88.2187
60545	12940	4691	98030276	871346	37.85	0.336	41.67976	-88.533
60546	15668	6708	10027969	48322	3.872	0.019	41.83792	-87.8219
60548	12218	4918	1.05E+08	982217	40.454	0.379	41.64915	-88.6381
60549	643	255	61566308	633425	23.771	0.245	41.50254	-88.7396
60550	1440	588	1.15E+08	1529180	44.471	0.59	41.78139	-88.8633
60551	5062	1514	1.49E+08	1675266	57.687	0.647	41.52483	-88.6877

60552	4448	1842	70274137	739316	27.133	0.285	41.66689	-88.7065
60553	782	314	1.33E+08	113445	51.411	0.044	41.82706	-89.0337
60554	11796	4371	92427115	245229	35.686	0.095	41.77668	-88.4571
60555	13538	5272	17815545	629590	6.879	0.243	41.82217	-88.1808
60556	2007	814	1.36E+08	297255	52.324	0.115	41.76292	-88.7711
60557	155	63	1740612	229755	0.672	0.089	41.4481	-88.7601
60558	12960	4584	9130758	263	3.525	0	41.8056	-87.901
60559	24852	10847	12656797	240515	4.887	0.093	41.79437	-87.9729
60560	22415	8403	2.02E+08	1879037	77.879	0.726	41.60822	-88.4293
60561	23115	9587	16179386	284381	6.247	0.11	41.74566	-87.9815
60563	35922	16086	39270125	1174087	15.162	0.453	41.79	-88.2044
60564	41312	13153	41650701	405676	16.081	0.157	41.70743	-88.1948
60565	40524	13942	32283283	355415	12.465	0.137	41.73073	-88.1243
60585	22311	6761	41520367	592797	16.031	0.229	41.65706	-88.2252
60586	46251	13808	45379297	390868	17.521	0.151	41.57141	-88.2378
60601	11110	8594	999363	0	0.386	0	41.88531	-87.6221
60602	1204	791	225435	0	0.087	0	41.88307	-87.6291
60603	493	749	375285	0	0.145	0	41.88019	-87.6255
60604	570	496	239756	0	0.093	0	41.8781	-87.6285
60605	24668	14805	3225725	2031071	1.245	0.784	41.86757	-87.6172
60606	2308	2022	661666	0	0.255	0	41.88207	-87.6373
60607	23897	13356	6009736	0	2.32	0	41.87493	-87.6516
60608	82739	28852	16452029	456919	6.352	0.176	41.84622	-87.6724
60609	64906	24656	20092663	49424	7.758	0.019	41.81268	-87.6569
60610	37726	26614	3037781	1138536	1.173	0.44	41.90684	-87.6319
60611	28718	24211	2094884	1543098	0.809	0.596	41.8957	-87.6138
60612	33472	15513	9705205	0	3.747	0	41.88032	-87.6877
60613	48281	29976	5634577	1114040	2.176	0.43	41.95695	-87.6543
60614	66617	37951	8200331	744059	3.166	0.287	41.92271	-87.6496
60615	40603	23192	5730411	1663609	2.213	0.642	41.80165	-87.5963
60616	48433	25198	10482831	1480932	4.047	0.572	41.84488	-87.624
60617	84155	33392	35909179	3912352	13.865	1.511	41.7182	-87.5527
60618	92084	39547	13107751	0	5.061	0	41.94696	-87.7025
60619	63825	31893	15593782	0	6.021	0	41.74369	-87.6055
60620	72216	29936	18353976	10735	7.087	0.004	41.7405	-87.6526
60621	35912	16904	9656913	0	3.729	0	41.77638	-87.6396
60622	52548	26433	6354377	35154	2.453	0.014	41.90217	-87.6833
60623	92108	30931	13873043	253947	5.356	0.098	41.8489	-87.7177
60624	38105	16693	9155267	14139	3.535	0.005	41.8805	-87.7244
60625	78651	32255	10093806	29163	3.897	0.011	41.97329	-87.7004
60626	50139	25517	4416736	1192512	1.705	0.46	42.01002	-87.6671
60628	72202	28651	28281273	194237	10.919	0.075	41.69088	-87.6158
60629	113916	34000	17639584	161563	6.811	0.062	41.77587	-87.7115
60630	54093	22195	12365754	3027	4.774	0.001	41.97207	-87.7566
60631	28641	12650	9635928	0	3.72	0	41.99486	-87.813
60632	91326	27057	19235615	123025	7.427	0.048	41.81017	-87.7133
60633	12927	5182	26600801	5011682	10.271	1.935	41.66381	-87.5615

60634	74298	27449	18422020	24085	7.113	0.009	41.94619	-87.8061
60636	40916	15300	10132375	0	3.912	0	41.77574	-87.6691
60637	49503	24632	11667654	1911137	4.505	0.738	41.78162	-87.5999
60638	55026	21397	28752636	0	11.101	0	41.78144	-87.7705
60639	90407	28183	12631958	0	4.877	0	41.92055	-87.7561
60640	65790	37598	6234410	652940	2.407	0.252	41.97287	-87.6626
60641	71663	27072	10468217	0	4.042	0	41.94661	-87.7468
60642	18480	9910	4409406	83164	1.702	0.032	41.90204	-87.6585
60643	49952	19525	19027065	32586	7.346	0.013	41.70027	-87.6633
60644	48648	19620	9074682	24575	3.504	0.009	41.88008	-87.7564
60645	45274	17528	5847014	0	2.258	0	42.00856	-87.6947
60646	27177	11443	11840818	0	4.572	0	41.99302	-87.7596
60647	87291	38453	10481520	30466	4.047	0.012	41.92122	-87.701
60649	46650	26343	7589170	2576122	2.93	0.995	41.76342	-87.5659
60651	64267	23199	9055133	0	3.496	0	41.9021	-87.7409
60652	40959	13394	12993375	0	5.017	0	41.74794	-87.7148
60653	29908	15989	6043069	1696671	2.333	0.655	41.81996	-87.606
60654	14875	11859	1574555	0	0.608	0	41.89229	-87.6373
60655	28550	11036	11411336	0	4.406	0	41.69478	-87.7038
60656	27613	12660	8465988	0	3.269	0	41.97428	-87.8271
60657	65996	41483	5888326	2025836	2.273	0.782	41.94029	-87.6469
60659	38104	14198	5250723	2819	2.027	0.001	41.99149	-87.704
60660	42752	23645	3303447	595676	1.275	0.23	41.99111	-87.6631
60661	7792	5866	769603	0	0.297	0	41.88303	-87.6441
60706	23134	9669	7660354	0	2.958	0	41.96426	-87.8162
60707	42920	16901	9344447	0	3.608	0	41.92185	-87.8073
60712	12590	4640	6888377	0	2.66	0	42.00543	-87.7332
60714	29931	12623	16481998	0	6.364	0	42.02806	-87.811
60803	22285	9288	19567015	376929	7.555	0.146	41.67355	-87.736
60804	84573	24986	19848453	372767	7.664	0.144	41.83804	-87.7599
60805	19852	7559	8823142	0	3.407	0	41.72201	-87.7024
60827	27946	11457	18161652	1229641	7.012	0.475	41.64943	-87.6336
60901	37157	14895	2.48E+08	5277374	95.746	2.038	41.10951	-87.8979
60910	538	226	1298839	288092	0.501	0.111	41.08055	-87.8095
60911	1372	597	1.66E+08	153651	64.182	0.059	40.88024	-87.9766
60912	599	268	92040351	28989	35.537	0.011	40.97362	-87.6035
60913	1617	631	1.19E+08	0	45.871	0	41.14699	-88.0618
60914	29107	10589	1.26E+08	916617	48.799	0.354	41.18737	-87.8618
60915	10774	4466	8208456	79558	3.169	0.031	41.1463	-87.861
60917	574	217	95749272	16479	36.969	0.006	41.04749	-88.1863
60918	898	407	1.31E+08	150753	50.706	0.058	40.59497	-88.0257
60919	558	238	90280429	9598	34.857	0.004	40.98788	-88.2375
60920	178	73	5098987	0	1.969	0	41.02926	-88.305
60921	1519	716	1.85E+08	165919	71.568	0.064	40.73146	-88.297
60922	2459	1045	1.38E+08	536429	53.145	0.207	41.00323	-87.9172
60924	1635	780	1.88E+08	105421	72.595	0.041	40.55101	-87.8865
60926	67	35	7159743	0	2.764	0	40.56635	-87.8237

60927	2404	950	1.9E+08	607858	73.428	0.235	40.93849	-87.9728
60928	709	320	28588297	0	11.038	0	40.74166	-87.849
60929	730	355	1.02E+08	0	39.266	0	40.87497	-88.2892
60930	918	372	1.14E+08	0	44.086	0	40.82991	-88.0026
60931	615	258	1.19E+08	31755	46.096	0.012	40.88933	-87.5881
60932	78	39	1917884	0	0.74	0	40.46331	-87.8056
60933	302	137	5239176	0	2.023	0	40.46473	-88.2719
60934	273	128	83820337	73472	32.363	0.028	40.95806	-88.353
60935	1064	407	48993151	980612	18.916	0.379	41.17045	-88.1759
60936	4321	1956	2.62E+08	610144	101.272	0.236	40.46785	-88.352
60938	2131	940	1.32E+08	171086	50.959	0.066	40.77303	-87.9883
60940	3369	1298	1.96E+08	66966	75.648	0.026	41.24978	-87.6429
60941	2039	831	1.36E+08	0	52.426	0	41.04199	-88.0821
60942	6181	2880	2.99E+08	81203	115.529	0.031	40.46538	-87.6614
60945	153	92	1370577	0	0.529	0	40.82819	-87.5842
60946	426	195	1.13E+08	0	43.536	0	40.91651	-88.2029
60948	1533	813	1.22E+08	781915	47.192	0.302	40.52504	-88.0811
60949	636	281	65395164	54633	25.249	0.021	40.37834	-88.1052
60950	12168	4902	1.98E+08	457400	76.384	0.177	41.25278	-87.8846
60951	961	423	1.38E+08	724446	53.233	0.28	40.9146	-87.7551
60952	684	307	1.06E+08	110184	41.076	0.043	40.5628	-88.2504
60953	2469	1184	3.85E+08	54555	148.634	0.021	40.62958	-87.6886
60954	6104	2677	1.72E+08	1975843	66.435	0.763	41.14771	-87.6225
60955	1901	737	2.26E+08	61580	87.077	0.024	40.69951	-87.9693
60957	5615	2410	2.58E+08	441483	99.783	0.17	40.44318	-88.1359
60958	2135	1059	1.35E+08	0	52.214	0	41.06483	-87.5914
60959	1082	490	1.44E+08	0	55.457	0	40.7897	-88.182
60960	1064	473	2.15E+08	78997	83.084	0.031	40.43896	-87.8907
60961	700	418	96035981	325791	37.08	0.126	41.10957	-88.2215
60962	524	268	1.05E+08	175442	40.429	0.068	40.62612	-88.1871
60963	1807	789	2.02E+08	0	77.861	0	40.36668	-87.6484
60964	4968	2145	1.94E+08	1429661	74.988	0.552	41.03882	-87.7442
60966	1526	696	1.56E+08	0	60.077	0	40.7515	-87.5832
60968	433	207	1.12E+08	53781	43.28	0.021	40.67235	-88.1195
60969	65	30	655728	0	0.253	0	41.11098	-88.1497
60970	7190	3431	3.36E+08	1247969	129.874	0.482	40.79494	-87.7347
60973	385	187	89922773	0	34.719	0	40.54169	-87.6631
60974	283	112	3562597	0	1.376	0	40.71901	-87.7338
61001	1179	1209	1E+08	1698879	38.79	0.656	42.46582	-90.1102
61006	1759	745	1.8E+08	129173	69.452	0.05	41.86174	-89.2021
61007	534	219	69297991	0	26.756	0	42.19776	-89.5895
61008	34311	12775	2.24E+08	1468983	86.441	0.567	42.24592	-88.8411
61010	8032	3109	1.01E+08	1983483	38.859	0.766	42.13499	-89.2664
61011	2945	1106	98834710	30528	38.16	0.012	42.39253	-88.8979
61012	2175	808	93951389	231790	36.275	0.089	42.40145	-88.7646
61013	528	228	901287	0	0.348	0	42.37212	-89.6393
61014	1173	537	1.68E+08	0	64.949	0	41.97469	-89.8844

61015	946	402	1.06E+08	134989	40.975	0.052	41.99675	-89.1971
61016	4837	2067	73023042	1188202	28.194	0.459	42.1973	-88.9477
61018	1080	454	83428996	0	32.212	0	42.41526	-89.5552
61019	3550	1906	93712000	1171343	36.182	0.452	42.43951	-89.41
61020	3108	1083	81789135	0	31.579	0	42.11018	-89.0982
61021	23745	9926	3.88E+08	8522280	149.831	3.29	41.82739	-89.4792
61024	2620	1094	1.62E+08	233798	62.482	0.09	42.43642	-89.2971
61025	4867	2102	89898472	11199206	34.71	4.324	42.4709	-90.5563
61027	52	26	666663	0	0.257	0	42.33091	-89.7573
61028	1989	1125	2.77E+08	14050	106.99	0.005	42.29847	-90.1759
61030	2205	951	1.55E+08	86205	59.672	0.033	42.11965	-89.5916
61031	1656	664	1.2E+08	51067	46.383	0.02	41.83207	-89.3116
61032	31651	15028	3.83E+08	428230	147.992	0.165	42.318	-89.6368
61036	6821	5166	2.76E+08	10854125	106.373	4.191	42.41361	-90.3771
61037	140	58	435113	0	0.168	0	41.78933	-89.7603
61038	1354	537	1.1E+08	594840	42.585	0.23	42.26582	-88.738
61039	802	341	72450012	0	27.973	0	42.20887	-89.4676
61041	1327	839	1.55E+08	273797	59.723	0.106	42.27316	-90.3112
61042	527	222	1.72E+08	37536	66.5	0.014	41.68763	-89.5628
61043	131	59	4883555	0	1.886	0	42.05644	-89.1052
61044	232	105	32578287	0	12.579	0	42.31878	-89.9151
61046	2831	2079	2.13E+08	1661474	82.23	0.641	42.10439	-89.8117
61047	1711	788	1.72E+08	0	66.508	0	42.15315	-89.3959
61048	4360	1889	2.16E+08	214741	83.285	0.083	42.38264	-89.8412
61049	585	216	52836578	52054	20.4	0.02	42.04963	-89.0089
61050	376	161	24719219	0	9.544	0	42.44029	-89.7341
61051	1574	730	1.39E+08	0	53.836	0	41.98278	-89.7549
61052	1148	444	71493502	0	27.604	0	42.11137	-88.9996
61053	2852	1424	2.86E+08	37192	110.397	0.014	42.12076	-89.9834
61054	3973	1862	1.03E+08	0	39.713	0	42.05497	-89.4494
61057	168	57	4389664	0	1.695	0	41.8292	-89.382
61059	141	69	4315879	0	1.666	0	42.45315	-89.9402
61060	1432	633	93712746	0	36.183	0	42.47816	-89.6219
61061	7009	3310	2.72E+08	4981822	104.832	1.923	41.99792	-89.3417
61062	1983	799	1.91E+08	23705	73.874	0.009	42.25064	-89.8357
61063	4132	1719	1.98E+08	1144734	76.405	0.442	42.31949	-89.3407
61064	3868	1733	2.74E+08	0	105.633	0	41.98785	-89.5823
61065	11156	3939	1.32E+08	947315	51.1	0.366	42.40059	-88.837
61067	811	361	77763145	282163	30.025	0.109	42.30505	-89.4789
61068	14858	6074	3.05E+08	407810	117.583	0.157	41.94582	-89.06
61070	1130	484	89882701	0	34.704	0	42.41682	-89.4731
61071	14381	6397	1.84E+08	5429332	71.134	2.096	41.72467	-89.6989
61072	11797	4606	1.36E+08	2668332	52.531	1.03	42.44235	-89.1385
61073	20052	7599	70812638	1423118	27.341	0.549	42.42372	-88.9938
61074	4431	2353	1.92E+08	11603715	74.268	4.48	42.12582	-90.1203
61075	958	478	1.31E+08	0	50.571	0	42.46445	-90.2589
61077	73	39	82842	0	0.032	0	42.23814	-89.3578

61078	1374	619	1.49E+08	0	57.409	0	42.16592	-89.729
61079	188	78	4571209	91398	1.765	0.035	42.43725	-89.2162
61080	10599	4539	64991876	884411	25.094	0.341	42.48206	-88.988
61081	21934	9616	3.2E+08	5366921	123.54	2.072	41.84385	-89.7353
61084	3175	1211	90063187	992561	34.774	0.383	42.12402	-89.1857
61085	3443	1654	3.35E+08	0	129.266	0	42.34181	-90.0322
61087	1670	800	77075124	0	29.759	0	42.48022	-89.9926
61088	6020	2320	1.43E+08	22127	55.152	0.009	42.26812	-89.2627
61089	867	378	1.11E+08	0	42.889	0	42.47342	-89.8193
61091	63	28	2104521	0	0.813	0	41.90688	-89.5277
61101	21593	9024	1.08E+08	174784	41.635	0.067	42.34608	-89.1461
61102	20538	7474	89168070	2812241	34.428	1.086	42.22877	-89.1625
61103	24578	11479	44744957	1409075	17.276	0.544	42.34026	-89.0865
61104	19269	9013	11681766	147628	4.51	0.057	42.25172	-89.0799
61107	30439	14065	38423400	341404	14.835	0.132	42.28529	-89.0017
61108	28550	12465	27341335	38186	10.557	0.015	42.25737	-89.0021
61109	28333	12056	99998954	802766	38.61	0.31	42.1913	-89.0558
61111	23492	10217	36826109	1132904	14.219	0.437	42.3355	-89.0027
61112	86	95	2021969	0	0.781	0	42.24198	-88.9752
61114	15776	6832	20634896	11147	7.967	0.004	42.30661	-88.9909
61115	23180	9226	27511093	710636	10.622	0.274	42.36431	-89.0275
61201	39116	17464	46759130	5180514	18.054	2	41.47756	-90.5756
61230	1232	576	48675680	73785	18.794	0.028	41.73409	-90.2131
61231	5627	2520	3.88E+08	230929	149.779	0.089	41.21149	-90.7182
61232	1284	500	7332336	0	2.831	0	41.43074	-90.7324
61234	1258	574	1.49E+08	458995	57.714	0.177	41.41796	-89.9143
61235	1391	642	1.35E+08	519620	52.008	0.201	41.40129	-90.0236
61236	193	82	3860172	144362	1.49	0.056	41.51596	-90.3678
61238	3247	1388	2.68E+08	47264	103.503	0.018	41.28248	-90.1727
61239	1219	509	4327804	151585	1.671	0.059	41.48057	-90.3832
61240	5870	2438	95383222	977301	36.828	0.377	41.42116	-90.4286
61241	7124	2900	46720429	2843221	18.039	1.098	41.48859	-90.3212
61242	1145	521	81284566	6898282	31.384	2.663	41.70801	-90.2851
61243	264	104	70557865	0	27.243	0	41.61877	-89.6829
61244	24053	10312	67464803	4767379	26.048	1.841	41.52256	-90.3908
61250	2737	1133	2.22E+08	4269723	85.69	1.649	41.65593	-90.1124
61251	347	148	46048338	0	17.779	0	41.7306	-90.0757
61252	5436	2550	1.53E+08	2014374	59.029	0.778	41.83691	-90.1254
61254	11414	4956	4.48E+08	1976622	172.867	0.763	41.4672	-90.1498
61256	1822	788	3625940	1932248	1.4	0.746	41.54783	-90.4075
61257	1210	542	1.06E+08	2754421	41.014	1.063	41.59336	-90.2218
61258	204	83	888721	0	0.343	0	41.52156	-89.914
61259	1276	533	1.98E+08	20800291	76.428	8.031	41.39257	-90.9544
61260	856	392	1.52E+08	36224	58.572	0.014	41.24597	-90.8805
61261	975	421	46463225	1177605	17.94	0.455	41.72629	-89.9155
61262	1188	492	1.11E+08	91391	43.032	0.035	41.27607	-90.3483
61263	530	218	781595	0	0.302	0	41.25885	-90.6047

61264	10548	4801	1.86E+08	8744621	71.768	3.376	41.40222	-90.5949
61265	45099	20647	49105652	3689165	18.96	1.424	41.48239	-90.4935
61270	7306	3182	3.93E+08	582693	151.689	0.225	41.8266	-89.9635
61272	1504	741	2.33E+08	13997367	90.125	5.404	41.25361	-91.0046
61273	3316	1341	1.21E+08	0	46.659	0	41.3629	-90.3989
61274	351	145	63314499	0	24.446	0	41.36857	-90.277
61275	4347	1826	86960956	3582050	33.576	1.383	41.60558	-90.307
61276	138	57	6052175	0	2.337	0	41.30408	-90.5899
61277	3355	1490	3.28E+08	2439775	126.603	0.942	41.61358	-89.9306
61278	412	184	2612254	0	1.009	0	41.58203	-90.3367
61279	1061	447	1.1E+08	0	42.572	0	41.32053	-90.7268
61281	2597	1079	99705271	644645	38.496	0.249	41.29978	-90.5201
61282	7809	3674	8648236	0	3.339	0	41.49555	-90.413
61283	1640	634	2.15E+08	0	82.961	0	41.59186	-89.7866
61284	2292	963	1.17E+08	2165532	45.115	0.836	41.39421	-90.7518
61285	1631	902	1.02E+08	1779912	39.5	0.687	41.98578	-90.0583
61301	10588	4865	1.03E+08	350768	39.8	0.135	41.4011	-89.0822
61310	3970	1757	2.78E+08	1024721	107.16	0.396	41.70137	-89.3568
61311	232	107	40351054	0	15.58	0	41.03769	-88.86
61312	474	220	90440323	29449	34.919	0.011	41.43636	-89.2349
61313	282	127	1.09E+08	0	42.017	0	41.07369	-88.6687
61314	807	382	1.21E+08	27988	46.734	0.011	41.29648	-89.6785
61315	322	163	3727743	171166	1.439	0.066	41.2878	-89.3645
61316	282	138	4100430	0	1.583	0	41.25908	-89.125
61317	513	230	8460306	0	3.267	0	41.43145	-89.2089
61318	700	314	89617453	38199	34.601	0.015	41.71129	-89.0783
61319	1293	576	1.29E+08	964468	49.715	0.372	41.01842	-88.7423
61320	710	314	2421214	0	0.935	0	41.35468	-89.1705
61321	282	132	72555582	0	28.014	0	40.96928	-88.9731
61322	1647	625	10218988	2970649	3.946	1.147	41.31413	-89.3176
61323	111	46	456242	0	0.176	0	41.43306	-89.3968
61324	109	42	503962	0	0.195	0	41.76991	-89.4139
61325	1073	436	1.31E+08	71412	50.496	0.028	41.23495	-88.8096
61326	2452	1091	1.28E+08	2160952	49.326	0.834	41.24592	-89.231
61327	1235	560	88946083	4885858	34.342	1.886	41.22671	-89.3115
61328	42	18	1261054	0	0.487	0	41.49954	-89.4593
61329	1303	590	4621643	0	1.784	0	41.37503	-89.1807
61330	1483	625	2E+08	30908	77.078	0.012	41.53607	-89.267
61331	55	24	71553	0	0.028	0	41.7477	-89.2775
61332	134	64	1318075	0	0.509	0	41.18877	-88.9888
61333	381	167	46243265	0	17.855	0	40.98925	-88.8882
61334	741	322	96152877	0	37.125	0	41.14511	-89.0985
61335	532	299	54046919	64606	20.868	0.025	41.16575	-89.2184
61336	628	277	1.02E+08	2864726	39.362	1.106	41.11261	-89.2319
61337	478	187	17196274	0	6.64	0	41.43641	-89.3284
61338	284	129	1466626	0	0.566	0	41.45874	-89.6761
61340	292	124	1324492	0	0.511	0	41.26125	-89.2502

61341	8234	3656	2.35E+08	10179754	90.887	3.93	41.35204	-88.6933
61342	9216	3803	2.72E+08	367546	105.018	0.142	41.54334	-89.0843
61344	374	171	63377174	107090	24.47	0.041	41.41115	-89.8397
61345	846	385	1.27E+08	219551	49.098	0.085	41.28025	-89.7944
61346	75	44	462232	0	0.178	0	41.51119	-89.7184
61348	4696	2170	98737225	1824290	38.123	0.704	41.28572	-89.0352
61349	977	446	1.71E+08	105347	66.075	0.041	41.54482	-89.4423
61350	24246	10984	3.98E+08	13776445	153.698	5.319	41.37205	-88.8651
61353	1333	587	82394337	134509	31.813	0.052	41.70432	-88.9911
61354	10870	5062	1.1E+08	899101	42.35	0.347	41.32793	-89.1432
61356	11281	5272	4.6E+08	2145030	177.678	0.828	41.39479	-89.4339
61358	478	221	64474197	0	24.894	0	40.97872	-89.044
61359	312	144	2144660	38138	0.828	0.015	41.36245	-89.2715
61360	3393	1364	1.29E+08	1032644	49.69	0.399	41.32822	-88.6006
61361	1409	664	2.21E+08	702635	85.149	0.271	41.41306	-89.7562
61362	5911	2616	64600476	745568	24.942	0.288	41.35871	-89.2332
61363	220	118	1357892	0	0.524	0	41.25419	-89.1823
61364	20133	9159	3.76E+08	386954	145.07	0.149	41.12808	-88.8416
61367	864	416	1.21E+08	395343	46.631	0.153	41.62141	-89.2595
61368	1489	665	1.9E+08	288449	73.527	0.111	41.26464	-89.5213
61369	1711	767	1.19E+08	0	45.884	0	40.98405	-89.1551
61370	1460	624	1.36E+08	108772	52.477	0.042	41.19978	-89.0385
61372	145	70	667768	0	0.258	0	41.4649	-89.078
61373	2031	891	1.26E+08	1153172	48.515	0.445	41.40723	-88.9959
61374	119	50	7319803	0	2.826	0	41.54771	-89.3587
61375	1156	773	1.24E+08	915695	47.948	0.354	41.03389	-89.2445
61376	2280	979	2.5E+08	176176	96.577	0.068	41.54535	-89.6133
61377	1457	658	1.41E+08	95387	54.608	0.037	41.06138	-89.034
61378	512	225	1.53E+08	304641	59.256	0.118	41.72267	-89.1554
61379	1359	604	1.07E+08	68110	41.309	0.026	41.3908	-89.607
61401	34788	15516	2.96E+08	1299878	114.43	0.502	40.94456	-90.3853
61410	3912	1713	1.07E+08	24459	41.199	0.009	40.79648	-90.396
61411	378	177	98046488	42515	37.856	0.016	40.40098	-90.5021
61412	1321	625	1.94E+08	572	75.066	0	41.0784	-90.5797
61413	1075	497	82399988	110031	31.815	0.042	41.1906	-90.3689
61414	854	375	1.31E+08	0	50.654	0	41.12468	-90.1557
61415	1747	853	2.9E+08	1024225	112.069	0.395	40.65631	-90.4313
61416	235	119	2283710	0	0.882	0	40.4994	-90.5629
61417	259	134	74422083	0	28.735	0	40.77417	-90.5383
61418	673	326	1.38E+08	158471	53.247	0.061	40.85017	-90.8626
61419	128	65	1384627	0	0.535	0	41.19946	-90.1175
61420	1067	565	1.84E+08	28005	71.087	0.011	40.54772	-90.8666
61421	1392	599	2.45E+08	209610	94.685	0.081	41.18754	-89.6479
61422	3416	1573	1.03E+08	34333	39.579	0.013	40.55136	-90.5328
61423	682	296	1.27E+08	0	49.079	0	40.88628	-90.5012
61424	100	43	1891796	0	0.73	0	41.07677	-89.635
61425	483	378	80246325	3596890	30.983	1.389	40.75924	-91.0402

61426	107	40	8221384	0	3.174	0	41.12	-89.707
61427	2329	1032	1.52E+08	4745102	58.632	1.832	40.50852	-90.1839
61428	986	903	85170709	2369060	32.885	0.915	40.94383	-90.1071
61430	828	362	4486060	143756	1.732	0.056	40.93923	-90.3112
61431	371	176	86906297	323136	33.555	0.125	40.60801	-90.2765
61432	676	291	95348626	1016741	36.814	0.393	40.64839	-90.1532
61433	74	25	2747558	181420	1.061	0.07	40.55438	-90.169
61434	3312	1593	2.05E+08	16978	79.143	0.007	41.18398	-90.0385
61435	116	57	25324079	0	9.778	0	40.97515	-90.5449
61436	951	403	1.59E+08	40035	61.337	0.015	40.86015	-90.2232
61437	818	459	1.04E+08	4946641	40.246	1.91	40.84879	-90.9878
61438	760	356	1.11E+08	0	42.912	0	40.58274	-90.6517
61439	269	127	1757576	0	0.679	0	41.02842	-90.3571
61440	766	368	1.32E+08	22904	51.044	0.009	40.30558	-90.5986
61441	897	468	1.59E+08	61546	61.325	0.024	40.33856	-90.2772
61442	762	425	67510325	4536201	26.066	1.751	41.10887	-90.9217
61443	14214	6516	2.53E+08	46642	97.531	0.018	41.26367	-89.9449
61447	924	407	95753175	124270	36.971	0.048	40.86731	-90.7533
61448	3823	1637	1.09E+08	0	42.108	0	40.93362	-90.2468
61449	512	239	97500441	120259	37.645	0.046	41.0915	-89.9795
61450	1742	834	2.17E+08	11812	83.768	0.005	40.57864	-90.9791
61451	393	160	59598810	273427	23.011	0.106	40.9387	-89.9395
61452	293	137	76048865	0	29.363	0	40.23619	-90.6606
61453	781	333	1.48E+08	0	57.196	0	41.0122	-90.7641
61454	725	329	80492958	75004	31.079	0.029	40.68193	-91.0399
61455	22086	9476	4.42E+08	1282117	170.841	0.495	40.43987	-90.6465
61458	822	395	2.15E+08	484514	83.083	0.187	40.78225	-90.1831
61459	433	205	90860329	401583	35.081	0.155	40.51025	-90.4196
61460	291	140	90441707	0	34.92	0	40.71666	-90.8292
61462	11643	4876	4.05E+08	507678	156.434	0.196	40.92325	-90.6443
61465	1213	542	1.08E+08	38567	41.79	0.015	41.21067	-90.4797
61466	342	150	60617989	0	23.405	0	41.11001	-90.4797
61467	1048	456	1.28E+08	496007	49.41	0.192	41.07637	-90.2408
61468	104	42	5046396	0	1.948	0	41.25775	-90.3878
61469	2184	1197	1.18E+08	10978379	45.556	4.239	40.95599	-90.9082
61470	547	232	57387642	0	22.157	0	40.60386	-90.5048
61471	140	65	837632	0	0.323	0	40.69748	-90.8348
61472	648	289	1.02E+08	0	39.561	0	41.10215	-90.3829
61473	1667	778	2.69E+08	24804	103.866	0.01	40.70769	-90.6404
61474	292	153	73510158	28306	28.382	0.011	40.73646	-90.3804
61475	205	92	76414056	0	29.504	0	40.59792	-90.7535
61476	407	185	1.06E+08	51444	40.8	0.02	41.09915	-90.8339
61477	631	301	1.3E+08	83793	50.226	0.032	40.49599	-90.3106
61478	290	128	94244030	0	36.388	0	40.75786	-90.7606
61479	165	68	31106764	0	12.01	0	41.00479	-89.6448
61480	1324	594	1.65E+08	22840	63.523	0.009	40.72742	-90.9134
61482	650	296	1.43E+08	424432	55.309	0.164	40.38424	-90.4083

61483	1961	903	2.46E+08	54476	94.826	0.021	41.08483	-89.8814
61484	825	387	99341104	270697	38.356	0.105	40.29582	-90.4358
61485	560	296	1.12E+08	1994075	43.29	0.77	41.02128	-90.1029
61486	1552	668	1.12E+08	62056	43.11	0.024	41.19502	-90.5779
61488	1120	499	66940833	0	25.846	0	41.03224	-90.3183
61489	900	418	1.18E+08	303358	45.654	0.117	40.93086	-90.0332
61490	1091	498	1.02E+08	31883	39.342	0.012	41.18553	-90.2587
61491	2197	992	2.58E+08	626675	99.726	0.242	41.05446	-89.7307
61501	1921	900	2.01E+08	7070601	77.616	2.73	40.22837	-90.3119
61516	720	301	81897259	0	31.621	0	40.85808	-89.1352
61517	3259	1270	1.79E+08	156336	68.944	0.06	40.82837	-89.8449
61519	233	115	3075062	0	1.187	0	40.46007	-90.089
61520	17839	7348	3.98E+08	21870439	153.707	8.444	40.53903	-90.0232
61523	11204	4842	1.38E+08	5962231	53.388	2.302	40.91193	-89.5378
61524	262	121	616779	0	0.238	0	40.49132	-90.0347
61525	9021	3393	81131483	0	31.325	0	40.84848	-89.6691
61526	1088	418	82677295	21098	31.922	0.008	40.9229	-89.62
61528	2668	998	47369338	0	18.289	0	40.77896	-89.723
61529	2880	1210	1.66E+08	893877	64.019	0.345	40.78202	-89.9376
61530	6713	2507	1.61E+08	169033	62.292	0.065	40.71437	-89.2601
61531	3379	1469	1.46E+08	1354109	56.304	0.523	40.68251	-90.0368
61532	534	246	86187469	0	33.277	0	40.33949	-89.8188
61533	2427	1039	1.06E+08	2178959	40.996	0.841	40.58637	-89.8425
61534	1737	708	1.43E+08	0	55.069	0	40.41444	-89.6661
61535	1629	639	22491297	164207	8.684	0.063	40.57871	-89.5161
61536	2919	1292	1.06E+08	325089	41.059	0.126	40.68943	-89.7938
61537	2974	1357	1.53E+08	2894805	59.042	1.118	41.1192	-89.4715
61539	205	97	2043925	519038	0.789	0.2	40.5564	-89.7621
61540	2916	1299	1.35E+08	16467489	52.169	6.358	41.0146	-89.3666
61541	136	63	425088	0	0.164	0	40.98038	-89.235
61542	3794	1794	2.98E+08	992692	114.92	0.383	40.38973	-90.1302
61543	151	77	20224308	4399833	7.809	1.699	40.41251	-89.9746
61544	713	330	85056112	169064	32.84	0.065	40.69365	-90.2358
61545	646	279	78964743	0	30.488	0	40.87071	-89.3535
61546	4276	1919	2.63E+08	17406684	101.542	6.721	40.44834	-89.8096
61547	3779	1467	57910082	1462092	22.359	0.565	40.58083	-89.7209
61548	12085	4569	1.96E+08	10702238	75.694	4.132	40.80836	-89.4127
61550	17721	7566	1.06E+08	142004	40.899	0.055	40.61025	-89.4419
61552	239	100	1379365	0	0.533	0	40.81763	-89.5657
61553	213	102	690658	0	0.267	0	40.62593	-90.0323
61554	43810	18655	1.81E+08	1173921	69.931	0.453	40.53934	-89.6183
61559	3332	1321	2.54E+08	331294	98.171	0.128	40.91902	-89.7792
61560	754	655	85783471	21266903	33.121	8.211	41.18726	-89.4198
61561	2788	1120	1.43E+08	130433	55.133	0.05	40.80304	-89.2009
61562	46	25	70325	0	0.027	0	40.8804	-89.5015
61563	526	241	902896	0	0.349	0	40.49202	-90.0542
61564	1077	414	742194	0	0.287	0	40.49347	-89.6535

61565	1504	653	1.71E+08	8750487	65.868	3.379	41.03871	-89.505
61567	624	330	95567764	0	36.899	0	40.35814	-89.8966
61568	4459	1724	1.74E+08	222312	67.224	0.086	40.51163	-89.4822
61569	1220	519	1.02E+08	872339	39.413	0.337	40.68323	-89.9006
61570	1879	775	1.72E+08	12698739	66.574	4.903	40.92107	-89.3257
61571	23744	9799	1.47E+08	31210	56.818	0.012	40.70415	-89.4179
61572	1068	477	92282267	358366	35.63	0.138	40.80317	-90.0445
61602	1055	665	3943497	535903	1.523	0.207	40.67457	-89.6086
61603	17600	7731	11117130	148321	4.292	0.057	40.71288	-89.5767
61604	31647	14343	40892671	0	15.789	0	40.70573	-89.6536
61605	16303	7105	10769613	0	4.158	0	40.67654	-89.6333
61606	8051	2998	3450145	0	1.332	0	40.69981	-89.6115
61607	10941	4665	82986199	2576389	32.041	0.995	40.62714	-89.6851
61610	5476	2423	10879378	946022	4.201	0.365	40.64212	-89.5996
61611	25268	11239	1.06E+08	24048974	40.891	9.285	40.71324	-89.5358
61614	27628	13929	31250722	236645	12.066	0.091	40.75914	-89.6041
61615	22432	10534	81906221	35245	31.624	0.014	40.73789	-89.6868
61616	6116	3058	6562244	334918	2.534	0.129	40.74673	-89.5716
61625	385	5	36486	0	0.014	0	40.69762	-89.6127
61701	36105	17557	29243079	0	11.291	0	40.47677	-88.993
61704	35981	15047	47816811	24508	18.462	0.009	40.47113	-88.9445
61705	12263	4708	2.26E+08	197933	87.419	0.076	40.41358	-88.8971
61720	236	120	72676088	0	28.06	0	40.55467	-88.5145
61721	613	264	92019561	27046	35.529	0.01	40.35076	-89.3235
61722	549	226	1.31E+08	13803	50.685	0.005	40.41866	-88.6324
61723	2321	1032	1.68E+08	132279	64.926	0.051	40.26466	-89.2765
61724	536	247	99107265	1397	38.266	0.001	40.32951	-88.5309
61725	1547	608	1.25E+08	107279	48.131	0.041	40.61045	-89.1227
61726	2544	1122	2.37E+08	569780	91.361	0.22	40.7384	-88.6923
61727	10015	4585	3.19E+08	4194448	123.253	1.619	40.14242	-88.9612
61728	1410	599	1.7E+08	54860	65.581	0.021	40.57174	-88.6273
61729	1073	399	48713452	81781	18.808	0.032	40.62865	-89.2213
61730	379	171	75613335	0	29.194	0	40.53249	-88.7294
61731	280	108	57619398	0	22.247	0	40.61395	-88.4855
61732	2096	827	1.44E+08	132771	55.722	0.051	40.52953	-89.2086
61733	1124	469	55691090	66084	21.502	0.026	40.61886	-89.3369
61734	2867	1214	2.15E+08	52147	82.824	0.02	40.376	-89.5126
61735	420	199	81161749	8165534	31.337	3.153	40.20064	-88.8148
61736	1808	657	95278636	85647	36.787	0.033	40.40231	-88.8406
61737	516	233	88319735	35130	34.1	0.014	40.46452	-88.7453
61738	4212	1670	2.07E+08	141337	79.894	0.055	40.74498	-89.03
61739	4897	2021	2.53E+08	752964	97.696	0.291	40.73294	-88.5207
61740	1634	720	1.91E+08	0	73.756	0	40.88426	-88.8616
61741	1746	689	1.45E+08	0	55.895	0	40.75944	-88.4043
61742	1144	423	16368594	37116	6.32	0.014	40.63556	-89.27
61743	212	95	39148869	0	15.115	0	40.87566	-88.7817
61744	2031	830	2.03E+08	0	78.216	0	40.73997	-88.8871

61745	4408	1655	2.03E+08	354022	78.554	0.137	40.32614	-88.9704
61747	1560	669	71973394	29752	27.789	0.011	40.41622	-89.4355
61748	2782	1175	1.02E+08	5531080	39.464	2.136	40.61949	-88.9912
61749	556	279	84201070	34047	32.51	0.013	40.09285	-89.1162
61750	133	62	3089792	0	1.193	0	40.12355	-88.8597
61751	124	57	4303557	0	1.662	0	40.21456	-89.2993
61752	4339	1812	2.16E+08	794132	83.538	0.307	40.33968	-88.7543
61753	3012	1263	2.2E+08	157910	85.069	0.061	40.62973	-88.788
61754	1261	520	1.75E+08	54201	67.52	0.021	40.33373	-89.1818
61755	4669	1774	1.27E+08	551660	49.053	0.213	40.52802	-89.3372
61756	2337	983	2.14E+08	0	82.464	0	40.03124	-88.9734
61759	1534	659	87990143	32045	33.973	0.012	40.43733	-89.3349
61760	2544	1108	1.89E+08	131074	73.08	0.051	40.87924	-89.0218
61761	52879	18982	1.1E+08	160794	42.568	0.062	40.52908	-88.9589
61764	14460	5725	4.23E+08	1329799	163.187	0.513	40.88244	-88.6281
61769	619	258	98182789	0	37.909	0	40.88201	-88.3994
61770	1108	503	1.61E+08	137476	62.322	0.053	40.44297	-88.5253
61771	860	349	59588346	51440	23.007	0.02	40.70202	-89.1314
61772	351	156	72163663	0	27.863	0	40.38126	-89.066
61773	477	225	1.13E+08	274741	43.493	0.106	40.57162	-88.3834
61774	962	410	1.12E+08	0	43.128	0	40.43068	-89.2039
61775	307	120	89741480	83333	34.649	0.032	40.6537	-88.376
61776	1409	594	1.14E+08	396706	43.93	0.153	40.56652	-88.8745
61777	952	418	1.04E+08	34688	40.237	0.013	40.24406	-88.9457
61778	683	313	78187708	0	30.188	0	40.23288	-89.0912
61801	30937	13868	13861667	70059	5.352	0.027	40.10897	-88.211
61802	19052	9223	2.15E+08	247466	82.873	0.096	40.1315	-88.1568
61810	361	154	53432081	0	20.63	0	39.91612	-87.9148
61811	703	296	73419327	0	28.347	0	40.29274	-87.6228
61812	375	172	69086175	0	26.674	0	40.22669	-87.9112
61813	1971	833	1.69E+08	12023	65.191	0.005	39.91075	-88.5657
61814	1157	482	55782913	0	21.538	0	40.23061	-87.5725
61815	228	105	758355	0	0.293	0	40.11075	-88.3765
61816	509	215	74437586	0	28.741	0	39.92281	-88.0012
61817	2583	1099	72222042	197258	27.885	0.076	40.03528	-87.7163
61818	1665	693	1.07E+08	10889	41.209	0.004	39.88671	-88.7165
61820	36964	14760	16927476	797	6.536	0	40.10789	-88.2443
61821	30174	13784	19541881	54136	7.545	0.021	40.10965	-88.2749
61822	21608	9423	2.82E+08	167443	108.791	0.065	40.13648	-88.3053
61830	478	224	98607931	95462	38.073	0.037	40.03308	-88.7165
61831	157	72	30081623	0	11.615	0	40.22509	-87.7921
61832	37290	17511	67130134	2965801	25.919	1.145	40.13623	-87.6365
61833	2124	1018	4037123	29096	1.559	0.011	40.09975	-87.6442
61834	8454	2809	2.78E+08	1443258	107.309	0.557	40.15255	-87.6733
61839	586	272	86254118	0	33.303	0	40.13772	-88.6292
61840	709	289	86469339	208822	33.386	0.081	40.29887	-88.3003
61841	1386	590	1.5E+08	801671	57.83	0.31	40.02059	-87.8169

61842	2984	1312	2.58E+08	2782026	99.508	1.074	40.23868	-88.6654
61843	2363	956	98373650	405882	37.982	0.157	40.31416	-88.3752
61844	970	426	1.5E+08	19113	58.028	0.007	40.14108	-87.8688
61845	364	174	78019106	390626	30.123	0.151	40.37362	-88.3968
61846	5101	2228	1.13E+08	232180	43.733	0.09	39.97725	-87.6075
61847	1256	507	80641593	54985	31.136	0.021	40.31931	-88.0112
61848	227	95	2003491	0	0.774	0	40.30806	-87.7028
61849	1842	784	1.49E+08	574712	57.489	0.222	40.01423	-87.9674
61850	671	284	89158703	123199	34.424	0.048	39.93173	-87.7398
61851	436	219	88467998	0	34.158	0	39.96082	-88.4347
61852	261	111	51003038	0	19.692	0	39.90315	-88.0758
61853	13206	5142	1.25E+08	1011779	48.419	0.391	40.21496	-88.4212
61854	1438	628	1.39E+08	125434	53.649	0.048	40.19987	-88.5293
61855	96	52	26399907	0	10.193	0	39.92214	-88.6609
61856	7433	3226	2.7E+08	285405	104.29	0.11	40.0267	-88.5801
61857	153	74	619767	0	0.239	0	40.11655	-87.8423
61858	3124	1377	74563377	1554296	28.789	0.6	40.13426	-87.7619
61859	1297	510	81156728	33010	31.335	0.013	40.15043	-87.9629
61862	510	213	1.04E+08	212279	40.294	0.082	40.30603	-87.9586
61863	814	355	84235905	80662	32.524	0.031	39.90526	-88.2785
61864	1715	654	59010108	52474	22.784	0.02	39.97506	-88.1527
61865	1391	592	2E+08	51984	77.044	0.02	40.30493	-87.8025
61866	14048	6542	2.08E+08	287583	80.25	0.111	40.31259	-88.1545
61870	1327	600	1.07E+08	0	41.334	0	39.89755	-87.6184
61871	284	129	900562	0	0.348	0	40.19022	-87.968
61872	760	321	85050217	173063	32.838	0.067	39.94538	-88.3781
61873	6250	2398	1.74E+08	799024	67.267	0.309	40.1339	-88.0391
61874	7114	3355	10779441	49098	4.162	0.019	40.04576	-88.2594
61875	761	309	82295621	3293	31.775	0.001	40.10349	-88.4164
61876	800	333	1.13E+08	1085	43.485	0	39.90277	-87.8395
61877	1627	666	72984498	271809	28.179	0.105	39.98919	-88.0816
61878	1433	682	71952521	56090	27.781	0.022	40.24265	-88.1455
61880	4183	1711	1.57E+08	142360	60.59	0.055	39.9738	-88.2489
61882	713	308	97958852	4419861	37.822	1.707	40.10623	-88.7547
61883	4438	2057	55137961	0	21.289	0	40.03739	-87.6415
61884	1244	501	66256549	146033	25.582	0.056	40.08916	-88.4778
61910	4463	1617	2.69E+08	336017	103.669	0.13	39.67551	-88.2999
61911	4860	1715	1.63E+08	43701	62.941	0.017	39.70094	-88.4693
61912	1344	592	1.31E+08	209213	50.724	0.081	39.52195	-88.0397
61913	1684	768	1.08E+08	0	41.696	0	39.82756	-88.4661
61914	1920	828	1.53E+08	1456676	59.246	0.562	39.63034	-88.7624
61917	591	281	1.65E+08	0	63.658	0	39.7142	-87.8977
61919	813	367	56766760	118599	21.918	0.046	39.78444	-88.1378
61920	25594	10220	3.88E+08	2331997	149.658	0.9	39.51204	-88.1542
61924	2449	1164	3.75E+08	106435	144.929	0.041	39.7862	-87.6632
61925	912	368	1.08E+08	12677	41.774	0.005	39.71911	-88.8405
61928	757	362	93124138	681499	35.955	0.263	39.45122	-88.5013

61929	769	359	1.05E+08	1727	40.554	0.001	39.82479	-88.6258
61930	515	239	80785226	0	31.191	0	39.68089	-88.1305
61931	1255	498	82524363	59371	31.863	0.023	39.58634	-88.3498
61932	456	238	55931575	0	21.595	0	39.8036	-87.879
61933	1141	547	1.55E+08	87033	59.888	0.034	39.5467	-87.9268
61936	243	112	5812751	0	2.244	0	39.80135	-88.7303
61937	2022	901	2.44E+08	42339	94.16	0.016	39.74136	-88.6548
61938	22409	10616	3.23E+08	932599	124.666	0.36	39.48414	-88.3748
61940	258	129	72792788	0	28.105	0	39.8077	-87.8185
61941	57	44	3541164	0	1.367	0	39.80407	-88.0729
61942	1202	579	1.83E+08	196117	70.828	0.076	39.81441	-88.0032
61943	1637	780	2.01E+08	391228	77.676	0.151	39.6731	-88.0309
61944	12908	6079	6.86E+08	1421835	264.987	0.549	39.60085	-87.7006
61949	179	88	7357388	0	2.841	0	39.63364	-87.8736
61951	8017	3476	3.49E+08	20598960	134.873	7.953	39.59575	-88.5903
61953	6216	2796	3.12E+08	577804	120.625	0.223	39.80341	-88.2913
61955	157	78	645288	0	0.249	0	39.58217	-87.5917
61956	2909	1281	87589997	68518	33.819	0.026	39.85819	-88.135
61957	1869	856	2.13E+08	7748581	82.383	2.992	39.44056	-88.6152
62001	1752	691	1.33E+08	848728	51.254	0.328	38.8814	-89.745
62002	32704	15397	1.09E+08	5466405	42.022	2.111	38.93953	-90.1245
62006	648	329	76055762	20586053	29.365	7.948	39.05305	-90.6697
62009	1810	872	9756320	9550	3.767	0.004	39.09155	-89.7981
62010	11186	4881	57233665	666341	22.098	0.257	38.92112	-90.0453
62011	284	135	74150241	0	28.63	0	39.12651	-89.216
62012	6654	2669	1.54E+08	1160816	59.523	0.448	39.04475	-90.1482
62013	552	330	64018383	14407920	24.718	5.563	38.95641	-90.5736
62014	4122	1680	1.54E+08	697328	59.375	0.269	39.04338	-89.9511
62015	487	240	86364357	2117148	33.345	0.817	39.22145	-89.544
62016	3816	1775	3.44E+08	232508	132.683	0.09	39.29503	-90.4318
62017	1185	588	82081173	2795372	31.692	1.079	39.0651	-89.3686
62018	3604	1469	8216988	63121	3.173	0.024	38.90778	-90.0813
62019	490	234	70349778	1470553	27.162	0.568	39.01726	-89.4424
62021	936	417	51887369	722175	20.034	0.279	38.98487	-89.9717
62022	1138	453	48579866	30839	18.757	0.012	39.00316	-90.3262
62023	91	32	805187	72365	0.311	0.028	39.11229	-89.7871
62024	9775	4581	16159133	2905303	6.239	1.122	38.87566	-90.0734
62025	33748	13409	2.82E+08	4703682	108.995	1.816	38.83139	-89.9323
62027	536	272	1.65E+08	5111477	63.86	1.974	39.2496	-90.5627
62028	1276	499	15284978	2359101	5.902	0.911	38.95823	-90.355
62030	114	54	283996	0	0.11	0	39.15462	-90.1642
62031	970	533	1.49E+08	4855247	57.466	1.875	39.1115	-90.5369
62032	749	351	1.23E+08	0	47.402	0	39.11564	-89.2885
62033	4894	2271	1.28E+08	1573373	49.356	0.607	39.13657	-89.8399
62034	13819	5867	36212358	462050	13.982	0.178	38.75487	-89.9723
62035	16494	7036	1.2E+08	8998053	46.172	3.474	38.96491	-90.2401
62036	704	368	74103891	11401356	28.612	4.402	38.91831	-90.5897

62037	1993	947	1.51E+08	7985957	58.479	3.083	39.0104	-90.4656
62040	43735	19464	1.15E+08	20818860	44.5	8.038	38.72584	-90.1118
62044	2009	901	2.7E+08	531709	104.173	0.205	39.36305	-90.2216
62045	647	407	98230949	7679583	37.927	2.965	39.26419	-90.6901
62046	713	294	2055365	13351	0.794	0.005	38.88983	-89.8462
62047	1555	725	93278388	4849694	36.015	1.872	39.12274	-90.6262
62048	1459	697	19758062	1355048	7.629	0.523	38.80136	-90.0917
62049	8470	3035	2.2E+08	3723143	84.881	1.438	39.13172	-89.4814
62050	473	229	1.45E+08	2124265	56.022	0.82	39.44002	-90.5447
62051	950	426	98614415	1064026	38.075	0.411	39.20165	-89.4033
62052	13002	5530	3.65E+08	217690	140.996	0.084	39.11057	-90.3212
62053	650	436	1.19E+08	2104557	45.963	0.813	39.31925	-90.6654
62054	872	381	1.01E+08	27595	38.932	0.011	39.20434	-90.3394
62056	8930	4048	2.79E+08	3757273	107.868	1.451	39.17946	-89.672
62058	843	409	3092843	11322	1.194	0.004	38.97112	-89.7696
62059	746	325	685819	0	0.265	0	38.65649	-90.165
62060	4847	2418	9138801	1102776	3.529	0.426	38.68191	-90.1424
62061	1718	715	62654720	504003	24.191	0.195	38.78957	-89.7791
62062	7658	3216	16630310	234799	6.421	0.091	38.72593	-89.9613
62063	1214	493	1.25E+08	68520	48.45	0.026	39.19842	-90.1498
62065	97	89	27990881	3402382	10.807	1.314	39.22609	-90.6327
62067	2401	1013	47705757	425338	18.419	0.164	38.9296	-89.9821
62069	3313	1603	82406607	711323	31.817	0.275	39.08911	-89.7393
62070	37	27	4417107	85575	1.705	0.033	39.2969	-90.7325
62074	1087	487	1.07E+08	547616	41.468	0.211	38.955	-89.6897
62075	3458	1612	2.86E+08	50733	110.576	0.02	39.30226	-89.2962
62076	135	65	997472	0	0.385	0	39.34337	-89.2191
62077	347	178	1351944	2470	0.522	0.001	39.02919	-89.5224
62078	119	50	1154544	0	0.446	0	39.47863	-90.4861
62079	256	111	24562624	119937	9.484	0.046	39.1105	-90.1438
62080	2508	1113	3.15E+08	501678	121.475	0.194	39.13791	-89.1042
62081	298	146	63223773	45222	24.411	0.017	39.26493	-90.225
62082	3109	1410	2.81E+08	232539	108.671	0.09	39.48999	-90.3175
62083	295	110	50634729	0	19.55	0	39.35445	-89.2014
62084	1606	720	13683798	429481	5.283	0.166	38.83837	-90.0637
62085	209	94	2057344	32053	0.794	0.012	39.08189	-89.8045
62086	1437	660	1.37E+08	57674	53.036	0.022	38.98077	-89.5798
62087	2087	875	7853118	237911	3.032	0.092	38.81701	-90.0655
62088	6960	3136	1.12E+08	1316619	43.271	0.508	39.01243	-89.7998
62089	489	231	1973320	86121	0.762	0.033	39.12959	-89.4951
62090	1189	513	4034907	594	1.558	0	38.67036	-90.1696
62091	337	155	81541680	37130	31.483	0.014	39.05625	-89.6106
62092	2979	1371	1.61E+08	242535	62.273	0.094	39.41857	-90.4312
62093	435	194	1648018	66754	0.636	0.026	39.06636	-89.8539
62094	1152	585	83046249	26763	32.064	0.01	39.24555	-89.3499
62095	11237	5154	18047959	222940	6.968	0.086	38.86134	-90.069
62097	2828	1172	1E+08	1395510	38.68	0.539	38.93666	-89.8526

62098	91	39	8446744	0	3.261	0	39.3861	-90.3046
62201	7547	2890	39068660	3677875	15.084	1.42	38.64441	-90.14
62203	8209	3223	17235995	431592	6.655	0.167	38.59996	-90.0773
62204	7960	3799	14499430	450440	5.598	0.174	38.63375	-90.0902
62205	9329	4301	13078154	185234	5.05	0.072	38.60976	-90.1228
62206	16509	6649	36285156	1261445	14.01	0.487	38.57234	-90.1667
62207	8750	3857	17255095	241247	6.662	0.093	38.58247	-90.1232
62208	17376	8044	34637989	237632	13.374	0.092	38.59508	-90.0051
62214	1229	545	1.66E+08	217719	63.945	0.084	38.37641	-89.6036
62215	1872	661	27704271	352986	10.697	0.136	38.50831	-89.6088
62216	2526	912	55159103	17408	21.297	0.007	38.61862	-89.6018
62217	807	391	71332631	6483906	27.542	2.503	38.17567	-89.8535
62218	1481	570	1.2E+08	575971	46.244	0.222	38.52219	-89.4738
62219	1009	426	1569625	0	0.606	0	38.60579	-89.4319
62220	20504	9341	75802394	1125293	29.267	0.434	38.47828	-89.998
62221	27858	12063	88878409	764087	34.316	0.295	38.51211	-89.9053
62223	17560	8075	65634450	442756	25.342	0.171	38.53596	-90.0595
62225	5381	1654	18336732	79704	7.08	0.031	38.54296	-89.8521
62226	29744	13722	36022066	739270	13.908	0.285	38.53512	-89.9996
62230	6194	2535	1.29E+08	96441	49.878	0.037	38.63508	-89.531
62231	7589	3694	4.92E+08	2352680	189.992	0.908	38.61226	-89.3193
62232	7260	3025	34133518	304774	13.179	0.118	38.6315	-89.9999
62233	10037	2832	1.69E+08	777115	65.254	0.3	37.94225	-89.7886
62234	33430	15004	94881819	2584053	36.634	0.998	38.68322	-89.9821
62236	12562	5029	1.41E+08	7586698	54.628	2.929	38.43691	-90.2166
62237	2659	1230	2.5E+08	1328324	96.39	0.513	38.18672	-89.5685
62238	696	328	1.1E+08	1697462	42.616	0.655	38.03856	-89.5323
62239	4954	2238	20471529	113219	7.904	0.044	38.53518	-90.1615
62240	1966	842	41922434	2679943	16.186	1.035	38.50186	-90.1766
62241	1061	479	94923602	4236743	36.65	1.636	38.01129	-89.8937
62242	1526	725	1.43E+08	3032253	55.112	1.171	38.09815	-89.9469
62243	5910	2408	1.36E+08	5183095	52.623	2.001	38.42013	-89.8895
62244	1156	496	1.29E+08	3038340	49.918	1.173	38.19569	-90.1988
62245	1794	726	55498415	733186	21.428	0.283	38.54534	-89.5628
62246	10355	3770	3.7E+08	3361007	142.804	1.298	38.89036	-89.4275
62248	320	133	453925	0	0.175	0	38.30304	-89.9964
62249	15971	6511	2.21E+08	4377064	85.207	1.69	38.75456	-89.6673
62250	504	204	984987	0	0.38	0	38.5408	-89.2661
62253	696	386	87254220	7310129	33.689	2.822	38.77773	-89.3001
62254	6089	2527	98068053	1241061	37.864	0.479	38.60904	-89.8232
62255	1001	437	65442104	1359458	25.267	0.525	38.3132	-89.7831
62257	3214	1493	1.91E+08	2732230	73.627	1.055	38.28487	-89.7287
62258	9199	3745	1.9E+08	2331669	73.488	0.9	38.4609	-89.7821
62260	7290	3037	1.23E+08	3206583	47.471	1.238	38.46065	-90.1007
62261	152	165	74558180	7599822	28.787	2.934	37.99758	-90.0004
62262	1810	853	1.74E+08	65876	67.267	0.025	38.94068	-89.2827
62263	5387	2354	3.77E+08	2052510	145.654	0.792	38.32644	-89.4106

62264	3338	1417	1.7E+08	10529924	65.485	4.066	38.3188	-89.9035
62265	4353	1736	1E+08	457182	38.79	0.177	38.49976	-89.6734
62266	254	94	2937472	0	1.134	0	38.48669	-89.6771
62268	738	320	1.35E+08	26519	52.202	0.01	38.27567	-89.5302
62269	31348	12753	69991816	760748	27.024	0.294	38.60007	-89.9155
62271	2077	954	1.5E+08	420945	57.98	0.163	38.45013	-89.5191
62272	1674	779	98191669	1507637	37.912	0.582	37.98666	-89.5979
62273	426	178	3481904	0	1.344	0	38.7868	-89.5839
62274	8410	2894	3.62E+08	3643098	139.583	1.407	38.10003	-89.414
62275	3621	1484	2.64E+08	474264	101.768	0.183	38.80987	-89.5511
62277	1314	599	1.65E+08	6443198	63.873	2.488	38.09711	-90.1123
62278	6690	2891	2.65E+08	3353962	102.38	1.295	38.20753	-89.9926
62279	69	33	344845	3499	0.133	0.001	38.15086	-90.1358
62280	444	200	1.36E+08	3017802	52.686	1.165	37.84664	-89.648
62281	2155	844	87241880	949897	33.684	0.367	38.7069	-89.7793
62282	471	208	2644262	544	1.021	0	38.36307	-89.7181
62284	636	273	72385432	203854	27.948	0.079	38.88127	-89.314
62285	4484	1722	42378844	1082553	16.363	0.418	38.38975	-90.0103
62286	6008	2819	2.8E+08	4505045	108.22	1.739	38.11859	-89.7158
62288	2918	1349	98316923	148461	37.96	0.057	37.98859	-89.6873
62289	350	151	535336	0	0.207	0	38.59691	-89.7515
62292	947	436	3789966	30512	1.463	0.012	38.21131	-89.6766
62293	4748	2019	1.54E+08	359585	59.466	0.139	38.61927	-89.6972
62294	14367	5548	79652166	1437968	30.754	0.555	38.70239	-89.8685
62295	1599	677	1.76E+08	17076483	68.015	6.593	38.28388	-90.3237
62297	452	212	61825490	561174	23.871	0.217	38.05212	-89.8063
62298	16609	6735	3.73E+08	3770864	144.181	1.456	38.31183	-90.1498
62301	33758	15576	29259045	1398004	11.297	0.54	39.93114	-91.3857
62305	18052	7668	3.58E+08	20994415	138.337	8.106	39.92821	-91.3438
62311	860	417	1.32E+08	163845	51.023	0.063	40.20985	-90.9309
62312	2162	1023	2.38E+08	152277	92.054	0.059	39.70735	-91.0242
62313	389	183	1.1E+08	179359	42.311	0.069	40.31773	-91.2283
62314	611	325	1.81E+08	50183	69.869	0.019	39.76799	-90.8917
62316	660	283	1.07E+08	36116	41.168	0.014	40.23547	-91.053
62319	264	141	1.05E+08	0	40.572	0	40.15248	-90.7313
62320	2185	949	2.25E+08	378997	87.062	0.146	40.03038	-91.0828
62321	4091	1997	4.34E+08	538216	167.531	0.208	40.41143	-91.1056
62323	290	138	1.08E+08	1397601	41.646	0.54	39.79757	-90.6874
62324	1361	617	2.29E+08	668299	88.368	0.258	39.99828	-90.9663
62325	403	176	40714337	82935	15.72	0.032	40.04562	-91.162
62326	2478	1179	1.97E+08	462749	75.968	0.179	40.41674	-90.8091
62330	1769	924	2.09E+08	6006392	80.839	2.319	40.57144	-91.1258
62334	172	81	5796727	4523	2.238	0.002	40.38885	-91.2336
62336	47	26	153002	0	0.059	0	40.46807	-91.1714
62338	1473	600	94959896	205594	36.664	0.079	39.98797	-91.238
62339	874	383	84591479	33647	32.661	0.013	40.12857	-91.0382
62340	1715	810	2.36E+08	2300976	91.095	0.888	39.73477	-90.7282

62341	3610	1587	1.2E+08	8765691	46.456	3.384	40.42661	-91.2957
62343	712	377	1.96E+08	13046125	75.855	5.037	39.69787	-91.2459
62344	138	77	92668768	0	35.78	0	40.16889	-90.8311
62345	357	193	56029383	14318	21.633	0.006	39.70432	-91.1273
62346	178	106	87714993	58397	33.867	0.023	40.15062	-90.9513
62347	2282	983	3.11E+08	265932	120.053	0.103	39.87009	-91.089
62348	170	70	4667990	0	1.802	0	40.18756	-91.3673
62349	636	296	1.15E+08	463033	44.34	0.179	40.17039	-91.1901
62351	1856	763	1.92E+08	731329	74.138	0.282	40.11361	-91.2689
62352	271	118	978774	0	0.378	0	39.56455	-90.6501
62353	5637	1772	4.85E+08	426662	187.256	0.165	39.96774	-90.7564
62354	1684	973	95028359	20489240	36.691	7.911	40.52634	-91.3376
62355	820	432	2.12E+08	8528718	81.731	3.293	39.41225	-90.7786
62356	571	318	1.51E+08	4688786	58.222	1.81	39.58968	-91.0767
62357	245	107	51914447	26388	20.044	0.01	39.68807	-90.8672
62358	752	350	1.12E+08	2905758	43.107	1.122	40.58759	-91.2535
62359	166	68	10360074	7921	4	0.003	40.03388	-91.2015
62360	1656	685	92627315	0	35.764	0	39.81626	-91.2634
62361	539	322	1.56E+08	1682364	60.181	0.65	39.48028	-90.6455
62362	399	211	982408	0	0.379	0	39.78233	-90.7471
62363	6353	2842	4.09E+08	4744829	158.035	1.832	39.5905	-90.7697
62365	647	262	72664377	50492	28.056	0.019	39.7964	-91.1651
62366	1408	716	1.84E+08	12503897	71.236	4.828	39.47209	-90.9018
62367	1345	623	2.96E+08	20505	114.213	0.008	40.29931	-90.8743
62370	520	301	1.63E+08	8908254	62.981	3.439	39.51729	-91.0072
62373	300	132	93073756	363322	35.936	0.14	40.24188	-91.3393
62374	298	159	59541814	0	22.989	0	40.40892	-90.9121
62375	369	194	1.16E+08	45384	44.846	0.018	40.00634	-90.8685
62376	1198	552	1.95E+08	10146176	75.463	3.917	40.12055	-91.4349
62378	896	473	1.74E+08	3667262	67.067	1.416	39.90586	-90.6348
62379	2049	1005	2.47E+08	21851688	95.478	8.437	40.2835	-91.4034
62380	401	181	1.1E+08	385264	42.435	0.149	40.23823	-91.1909
62401	19096	8564	2.7E+08	2394112	104.161	0.924	39.11872	-88.5624
62410	985	426	97208089	1963823	37.532	0.758	38.5388	-87.7332
62411	4430	1832	2.23E+08	370331	86.071	0.143	39.07126	-88.7336
62413	421	168	81323649	87880	31.399	0.034	39.1388	-87.8377
62414	1886	833	1.91E+08	102244	73.87	0.039	39.17441	-88.8264
62417	3064	1340	93659814	65854	36.162	0.025	38.70744	-87.7664
62418	2133	972	2.39E+08	282306	92.246	0.109	39.02225	-88.9739
62419	410	186	59823386	20591	23.098	0.008	38.61074	-87.9897
62420	4759	2219	3.19E+08	483902	123.049	0.187	39.28703	-87.9985
62421	778	329	1.37E+08	0	52.965	0	38.75353	-87.9435
62422	1156	515	1.03E+08	0	39.929	0	39.2388	-88.8832
62423	724	324	60006845	42605	23.169	0.016	39.46269	-87.5799
62424	2092	768	2.23E+08	93524	86.263	0.036	38.99116	-88.4202
62425	649	275	1.08E+08	148474	41.813	0.057	38.83009	-88.0922
62426	1085	512	1.23E+08	285053	47.37	0.11	38.8923	-88.664

62427	1702	771	2.3E+08	983384	88.8	0.38	38.87313	-87.6499
62428	3104	1467	2.49E+08	300804	95.988	0.116	39.26265	-88.1367
62431	1232	549	1.43E+08	35462	55.022	0.014	39.22817	-88.9887
62432	571	264	1.03E+08	0	39.789	0	39.13547	-88.1398
62433	998	470	83327219	978085	32.173	0.378	39.10674	-87.7158
62434	330	160	69003184	111294	26.642	0.043	38.84219	-88.3216
62436	562	249	57828067	0	22.328	0	39.17986	-88.2526
62438	433	180	68505579	0	26.45	0	39.32111	-88.8692
62439	7536	3814	3.65E+08	3578266	140.943	1.382	38.74406	-87.6397
62440	1316	573	99999598	0	38.61	0	39.39549	-88.2679
62441	7395	3493	4.49E+08	5083529	173.28	1.963	39.39762	-87.6976
62442	2421	1210	3.65E+08	1223359	140.958	0.472	39.31162	-87.8584
62443	1623	642	1.9E+08	160820	73.439	0.062	38.95433	-88.6271
62444	387	174	75304417	0	29.075	0	39.27654	-88.7393
62445	907	383	1.22E+08	23784	47.05	0.009	39.16916	-88.3213
62446	414	196	1.55E+08	271176	59.926	0.105	38.50295	-88.2133
62447	3404	1579	1.55E+08	3720209	59.798	1.436	39.31475	-88.4483
62448	5834	2648	5.28E+08	8854042	204	3.419	38.96836	-88.1792
62449	3175	1388	3.17E+08	44061	122.286	0.017	39.00622	-87.9144
62450	12218	5747	3.94E+08	4588402	152.211	1.772	38.71318	-88.0892
62451	2156	1027	1.61E+08	2574679	62.35	0.994	38.97118	-87.6111
62452	400	183	52219397	55955	20.162	0.022	38.58989	-88.0152
62454	11467	4905	3.19E+08	947416	123.034	0.366	38.99967	-87.7559
62458	2228	956	1.48E+08	392349	57.03	0.151	39.02478	-88.8516
62459	243	123	2827359	0	1.092	0	38.93002	-88.0278
62460	1231	564	1.2E+08	1222676	46.214	0.472	38.60173	-87.7175
62461	854	359	1.04E+08	95648	40.021	0.037	39.19688	-88.6832
62462	1149	408	1.04E+08	19679	40.265	0.008	39.23699	-88.4606
62463	1294	555	1.21E+08	0	46.578	0	39.27665	-88.6054
62465	858	377	96122400	0	37.113	0	39.34939	-88.6405
62466	4848	1130	3.68E+08	210982	142.052	0.081	38.72841	-87.8526
62467	3741	1335	1.53E+08	0	58.917	0	39.13119	-88.435
62468	2564	1132	1.83E+08	6702	70.798	0.003	39.27695	-88.2703
62469	419	171	60512536	58677	23.364	0.023	39.35124	-88.3338
62471	10233	4027	3.55E+08	3901501	136.902	1.506	38.94617	-89.1301
62473	1422	533	57242549	20094	22.101	0.008	39.02157	-88.5678
62474	848	391	93891687	34377	36.252	0.013	39.42361	-88.0007
62475	387	160	78326059	146529	30.242	0.057	38.8899	-88.0469
62476	1734	853	1.95E+08	228271	75.208	0.088	38.53511	-88.007
62477	946	460	1.64E+08	2001006	63.267	0.773	39.23355	-87.6434
62478	398	190	76434985	124367	29.512	0.048	39.17997	-87.7436
62479	820	342	1.37E+08	43817	52.862	0.017	39.03704	-88.3069
62480	787	341	1.47E+08	239421	56.905	0.092	38.99739	-87.9996
62481	386	178	93300874	0	36.024	0	39.12723	-88.022
62501	2661	1119	2.05E+08	658419	79.284	0.254	39.94196	-88.8054
62510	1669	803	1.98E+08	26118	76.573	0.01	39.53067	-89.0289
62512	500	210	1.21E+08	11015	46.533	0.004	40.14714	-89.2092

62513	1766	741	1.8E+08	0	69.596	0	39.72198	-89.1508
62514	252	113	2889730	0	1.116	0	39.76244	-89.0507
62515	961	412	1.64E+08	18269	63.512	0.007	39.86042	-89.3783
62517	226	101	319625	31153	0.123	0.012	39.59165	-89.4253
62518	457	203	65982023	0	25.476	0	40.05419	-89.1914
62519	94	44	3896441	0	1.504	0	39.9288	-89.3953
62520	1529	640	56622374	0	21.862	0	39.81806	-89.456
62521	35851	16791	1.73E+08	10259096	66.919	3.961	39.81707	-88.9263
62522	16630	7395	65714810	651000	25.373	0.251	39.82758	-89.0478
62523	1237	404	1241689	0	0.479	0	39.8441	-88.9522
62526	34075	16415	1.6E+08	665085	61.633	0.257	39.90194	-88.9895
62530	1532	685	73275327	88961	28.292	0.034	39.56029	-89.6751
62531	1792	821	1.56E+08	573024	60.359	0.221	39.67438	-89.3776
62532	105	45	5382547	0	2.078	0	39.76336	-88.9893
62533	973	460	1.25E+08	158546	48.422	0.061	39.44694	-89.616
62534	1130	571	1.53E+08	5564297	59.186	2.148	39.52968	-88.8006
62535	3534	1370	9600818	0	3.707	0	39.92476	-88.9691
62536	912	338	17900735	161667	6.912	0.062	39.62908	-89.6523
62537	92	37	2350330	0	0.907	0	39.85327	-89.0948
62538	378	186	87995962	0	33.975	0	39.35641	-89.5199
62539	1358	574	1.21E+08	0	46.551	0	39.86603	-89.2513
62540	1492	686	5292372	545141	2.043	0.21	39.58396	-89.4175
62541	57	29	1063302	0	0.411	0	39.96537	-89.3551
62543	540	243	53695109	0	20.732	0	39.97142	-89.1522
62544	1776	768	1.77E+08	0	68.351	0	39.70641	-88.9678
62545	1246	509	71869783	558864	27.749	0.216	39.75672	-89.3883
62546	1630	712	2.97E+08	39876	114.48	0.015	39.43146	-89.4459
62547	804	354	1.08E+08	9017	41.877	0.003	39.77048	-89.2423
62548	2258	1035	2.3E+08	65286	88.752	0.025	39.98125	-89.2835
62549	6269	2503	20522229	31636	7.924	0.012	39.77103	-88.8672
62550	2869	1238	2.3E+08	51728	88.68	0.02	39.61788	-88.9896
62551	837	366	69542898	150800	26.851	0.058	39.85537	-89.1589
62553	437	191	92589272	0	35.749	0	39.26627	-89.1072
62554	1563	651	47739348	958204	18.432	0.37	39.94448	-88.8823
62555	540	226	91879097	885885	35.475	0.342	39.46298	-89.2105
62556	422	186	55577407	19975	21.459	0.008	39.47497	-89.3752
62557	7607	3878	3.23E+08	1301847	124.615	0.503	39.39687	-89.1045
62558	3590	1504	2.39E+08	8353897	92.366	3.225	39.58671	-89.5499
62560	1508	666	1.65E+08	235954	63.587	0.091	39.29863	-89.6028
62561	5315	2145	68811611	778702	26.568	0.301	39.8639	-89.5019
62563	5686	2210	1.49E+08	1252087	57.585	0.483	39.71926	-89.4963
62565	7538	3578	3.15E+08	9002877	121.692	3.476	39.41178	-88.8041
62567	1154	495	99847287	0	38.551	0	39.64521	-89.1899
62568	16355	7113	3.26E+08	5108177	125.902	1.972	39.561	-89.2892
62570	512	229	679264	52853	0.262	0.02	39.58858	-89.448
62571	1532	627	1.77E+08	12853	68.33	0.005	39.38101	-88.9602
62572	666	309	1.08E+08	0	41.655	0	39.36094	-89.7015

62573	1513	647	1.15E+08	0	44.3	0	39.94541	-89.0741
62601	434	206	1.16E+08	2192	44.798	0.001	39.74909	-90.0393
62610	199	93	881097	0	0.34	0	39.55884	-90.4349
62611	1067	469	1.91E+08	3861350	73.849	1.491	39.88412	-90.3982
62612	1915	865	2.33E+08	36723	89.981	0.014	39.89605	-90.0632
62613	3872	1609	1.69E+08	307181	65.381	0.119	39.99743	-89.6659
62615	5748	2262	1.32E+08	0	50.826	0	39.58506	-89.7574
62617	762	472	1.5E+08	27333180	57.755	10.553	40.15682	-90.1699
62618	7955	3166	2.22E+08	5027936	85.768	1.941	39.9826	-90.402
62621	1171	532	1.36E+08	365513	52.409	0.141	39.72672	-90.5206
62622	49	21	4855207	0	1.875	0	39.97818	-90.3534
62624	546	300	91127516	1083456	35.185	0.418	40.15657	-90.3637
62625	855	349	58513289	401160	22.592	0.155	39.91007	-89.6877
62626	8354	3716	4.44E+08	1523985	171.612	0.588	39.2828	-89.8839
62627	992	523	2.32E+08	5636133	89.392	2.176	40.05913	-90.1111
62628	896	390	97570906	0	37.672	0	39.77946	-90.4032
62629	12949	5062	98373829	3636426	37.982	1.404	39.67978	-89.7118
62630	532	251	1.05E+08	269026	40.724	0.104	39.25512	-90.0911
62631	262	118	35978865	84535	13.892	0.033	39.82742	-90.3542
62633	647	317	1.78E+08	288548	68.903	0.111	40.22498	-89.8663
62634	821	390	1.46E+08	59322	56.186	0.023	40.0118	-89.4545
62635	738	331	1.01E+08	0	39.168	0	40.29671	-89.4715
62638	1337	611	1.75E+08	436821	67.6	0.169	39.6093	-90.0812
62639	316	146	88085814	2698210	34.01	1.042	40.03767	-90.486
62640	3756	1786	1.98E+08	2440844	76.325	0.942	39.42826	-89.805
62642	1440	696	1.93E+08	686210	74.66	0.265	40.09275	-89.724
62643	526	234	88457598	0	34.154	0	40.24299	-89.4517
62644	5385	2679	2.67E+08	20621988	103.199	7.962	40.28794	-90.0545
62649	488	237	97639349	425058	37.699	0.164	39.35753	-90.0702
62650	26992	11648	5.28E+08	2994292	203.878	1.156	39.73454	-90.223
62655	568	275	1.46E+08	878892	56.561	0.339	40.16993	-89.9865
62656	20405	7638	3.74E+08	1885210	144.251	0.728	40.13994	-89.3716
62661	1213	512	1.06E+08	226425	40.739	0.087	39.66801	-89.827
62663	292	138	2574513	0	0.994	0	39.54055	-90.3288
62664	3042	1409	2.82E+08	708769	109.062	0.274	40.21256	-89.7241
62665	1629	788	1.12E+08	7645968	43.423	2.952	39.81695	-90.5296
62666	616	295	78077585	128866	30.146	0.05	40.08611	-89.5439
62667	464	218	95660089	56087	36.935	0.022	39.48777	-89.9923
62668	1512	675	1.67E+08	181236	64.333	0.07	39.57236	-90.2342
62670	2997	1234	2.18E+08	1807	84.184	0.001	39.74291	-89.8917
62671	572	247	1.25E+08	0	48.25	0	40.17288	-89.5585
62672	244	105	1898766	0	0.733	0	39.39801	-89.8045
62673	530	235	81443978	924411	31.446	0.357	40.08554	-89.9787
62674	1454	689	1.93E+08	1313595	74.548	0.507	39.44165	-90.0285
62675	6154	2785	2.83E+08	1105240	109.228	0.427	40.03603	-89.8479
62677	2562	1062	2.38E+08	132844	91.99	0.051	39.85059	-89.883
62681	5602	2458	4.48E+08	1741246	173.158	0.672	40.13536	-90.5506

62682	907	374	1.08E+08	107381	41.62	0.041	40.29873	-89.631
62684	5111	1904	65066083	323814	25.122	0.125	39.90942	-89.5872
62685	2097	965	2.18E+08	1030992	84.348	0.398	39.13988	-90.0028
62688	761	355	1.22E+08	0	46.943	0	39.94597	-89.9231
62689	518	236	1592603	0	0.615	0	39.53367	-89.7619
62690	4120	1885	1.31E+08	114567	50.561	0.044	39.50591	-89.7628
62691	2426	1155	2.8E+08	235285	108.047	0.091	39.95826	-90.2104
62692	2093	963	2.27E+08	91493	87.67	0.035	39.58352	-89.9391
62693	1638	652	1.02E+08	85645	39.431	0.033	39.95805	-89.5162
62694	3192	1433	4.03E+08	1995331	155.778	0.77	39.62278	-90.4771
62695	296	130	385211	0	0.149	0	39.62709	-90.2237
62701	1152	758	988330	0	0.382	0	39.8007	-89.6488
62702	37281	18081	39974311	103076	15.434	0.04	39.82414	-89.6419
62703	30333	13925	39872849	100744	15.395	0.039	39.76245	-89.6299
62704	39831	20721	31305616	37539	12.087	0.014	39.7735	-89.6838
62707	7648	3261	1.11E+08	1590917	42.912	0.614	39.85493	-89.6504
62711	15347	6582	79346300	403700	30.636	0.156	39.76547	-89.7293
62712	10302	4357	55034043	12678004	21.249	4.895	39.75381	-89.5797
62801	22415	9942	3.54E+08	4342073	136.522	1.676	38.51286	-89.1418
62803	1014	409	1.5E+08	12450	57.792	0.005	38.45334	-89.295
62806	3412	1583	2.65E+08	464973	102.315	0.18	38.38205	-88.0773
62807	961	475	1.14E+08	197586	44.036	0.076	38.74477	-88.9407
62808	1457	666	1.97E+08	78492	76.22	0.03	38.30618	-89.1887
62809	142	68	30395325	81046	11.736	0.031	38.27075	-88.2947
62810	1089	424	1.59E+08	1100435	61.221	0.425	38.20128	-88.7523
62811	310	148	1558844	0	0.602	0	38.38297	-87.9056
62812	11265	5341	2.47E+08	3929419	95.518	1.517	37.99734	-88.916
62814	2124	875	1.83E+08	666686	70.817	0.257	38.3784	-88.7319
62815	416	171	54162917	10719	20.912	0.004	38.45835	-87.9664
62816	1306	617	89527642	17305564	34.567	6.682	38.18977	-88.9229
62817	557	290	1.8E+08	442017	69.658	0.171	37.95447	-88.4761
62818	330	154	67322510	0	25.993	0	38.38328	-87.9653
62819	448	217	2897017	82648	1.119	0.032	37.97731	-89.0166
62820	162	102	55012747	81957	21.241	0.032	38.2424	-88.2374
62821	7657	3701	4.55E+08	7769700	175.845	3	38.07102	-88.1297
62822	2574	1274	6929457	45170	2.675	0.017	37.97754	-89.0565
62823	1691	802	2.1E+08	230909	80.931	0.089	38.53077	-88.4425
62824	1761	878	2.75E+08	1448586	105.993	0.559	38.66945	-88.3417
62825	203	92	812955	2538	0.314	0.001	37.99889	-89.0687
62827	1245	608	1.68E+08	3667853	64.741	1.416	38.17279	-88.0479
62828	1426	621	2.12E+08	283623	81.722	0.11	38.19454	-88.6016
62829	72	35	4431527	2021	1.711	0.001	37.97356	-88.4895
62830	1392	653	73570581	85181	28.406	0.033	38.44341	-88.9676
62831	573	286	1.04E+08	125502	40.175	0.048	38.23497	-89.2227
62832	9208	4342	2.51E+08	6900219	96.812	2.664	38.01182	-89.2489
62833	383	177	1.2E+08	477089	46.218	0.184	38.36172	-88.1642
62835	1152	547	1.89E+08	132316	72.939	0.051	38.10605	-88.3216

62836	801	325	98487927	334274	38.026	0.129	38.09457	-88.8055
62837	8867	4356	4.22E+08	1068202	163.064	0.412	38.36041	-88.3529
62838	1497	685	2.22E+08	163036	85.529	0.063	38.87374	-88.7514
62839	6718	3086	1.9E+08	420346	73.364	0.162	38.6658	-88.5009
62841	98	45	254182	0	0.098	0	37.85926	-89.0002
62842	835	385	1.14E+08	24942	43.999	0.01	38.46767	-88.371
62843	100	58	15555324	80454	6.006	0.031	38.38221	-88.1991
62844	2083	1026	1.15E+08	965285	44.269	0.373	38.26273	-88.0435
62846	2631	349	55072770	5561071	21.264	2.147	38.14521	-88.8669
62848	636	297	8479297	15823	3.274	0.006	38.4354	-89.1665
62849	2205	971	2.92E+08	441619	112.778	0.171	38.58494	-88.7737
62850	381	142	73418948	1050145	28.347	0.405	38.49473	-88.5948
62851	329	160	72415501	88449	27.96	0.034	38.4276	-88.66
62852	160	80	254367	0	0.098	0	38.35022	-87.8668
62853	1034	426	69576485	94273	26.864	0.036	38.51611	-88.9122
62854	1776	791	2.35E+08	3262577	90.834	1.26	38.76994	-88.801
62856	324	153	2408256	17261	0.93	0.007	37.95641	-88.8385
62858	2981	1353	3.99E+08	794691	154.111	0.307	38.81181	-88.493
62859	5748	2823	5.39E+08	2211977	208.187	0.854	38.08134	-88.5327
62860	524	247	85814215	250977	33.133	0.097	38.04137	-88.7319
62861	128	75	1407530	542868	0.543	0.21	38.02995	-88.0139
62862	364	193	69595336	76990	26.871	0.03	38.2191	-88.2993
62863	10183	4795	3.87E+08	9053791	149.558	3.496	38.41583	-87.8599
62864	24108	11420	3.76E+08	1661518	145.158	0.642	38.33049	-88.9025
62865	2018	919	1.41E+08	2686627	54.504	1.037	37.9721	-89.0801
62867	521	306	86833021	3955278	33.526	1.527	37.91227	-88.0989
62868	1872	836	2.61E+08	326281	100.776	0.126	38.67771	-88.2281
62869	2682	1303	2.33E+08	1698824	89.83	0.656	37.96244	-88.2809
62870	2080	894	1.01E+08	55907	39.063	0.022	38.63515	-89.0531
62871	686	320	1.32E+08	286046	51.066	0.11	37.87536	-88.2729
62872	1178	462	61138765	38257	23.606	0.015	38.26806	-88.8094
62874	372	177	3669090	79546	1.417	0.031	37.91871	-88.976
62875	1167	529	1.75E+08	12642999	67.758	4.881	38.75545	-89.1212
62876	247	112	7944997	0	3.068	0	38.27641	-89.1957
62877	514	243	84822399	197264	32.75	0.076	38.39281	-89.2112
62878	410	191	91313837	28318	35.256	0.011	38.57451	-88.5079
62879	85	49	508346	0	0.196	0	38.76491	-88.3605
62880	717	304	1.08E+08	0	41.551	0	38.86699	-88.8844
62881	11385	5083	2.6E+08	1274966	100.401	0.492	38.63533	-88.9274
62882	2331	1017	81750659	98880	31.564	0.038	38.63625	-89.1186
62883	591	271	1.05E+08	222419	40.395	0.086	38.16842	-89.1204
62884	2940	1372	81093923	2135280	31.311	0.824	38.08337	-89.0562
62885	839	356	1.26E+08	111492	48.732	0.043	38.85906	-89.0542
62886	440	199	76848852	37655	29.672	0.015	38.3809	-88.5392
62887	295	148	58559611	18477	22.61	0.007	38.18453	-88.362
62888	2135	975	2E+08	144170	77.347	0.056	38.13098	-89.2345
62889	851	367	78485632	118151	30.303	0.046	38.45654	-88.8236

62890	2882	1307	2.72E+08	1641819	105.112	0.634	37.90621	-88.738
62891	652	292	1952938	5444	0.754	0.002	38.01502	-89.0425
62892	317	188	57976412	106530	22.385	0.041	38.80836	-89.076
62893	977	422	48131382	266550	18.584	0.103	38.46581	-89.0302
62894	1006	426	1.16E+08	5610352	44.956	2.166	38.20852	-89.0367
62895	2022	937	2.65E+08	170285	102.33	0.066	38.30555	-88.5551
62896	12626	5902	1.67E+08	3515658	64.401	1.357	37.89049	-88.916
62897	398	213	32285490	2996960	12.465	1.157	38.09461	-88.8989
62898	2097	856	1.4E+08	123232	53.968	0.048	38.35038	-89.0602
62899	1612	739	2.66E+08	356845	102.665	0.138	38.61889	-88.6425
62901	27182	12916	77545948	2373771	29.941	0.917	37.739	-89.2091
62902	4531	2240	1.59E+08	4470945	61.469	1.726	37.66259	-89.1175
62903	2962	1506	51339715	3943116	19.822	1.522	37.67412	-89.2762
62905	677	304	89376856	818351	34.509	0.316	37.55756	-89.3672
62906	7276	3267	1.58E+08	1527288	61.045	0.59	37.46211	-89.1725
62907	2164	944	2.39E+08	7038835	92.207	2.718	37.87247	-89.4975
62908	467	228	1.31E+08	2325951	50.756	0.898	37.31023	-88.8649
62910	2865	1315	2.69E+08	6945598	103.713	2.682	37.15311	-88.5345
62912	1179	548	1.39E+08	1125803	53.551	0.435	37.4762	-89.0324
62914	3147	1782	50837105	1038694	19.628	0.401	37.06117	-89.2182
62915	321	149	313171	0	0.121	0	37.78361	-89.1196
62916	995	406	87866955	59814	33.926	0.023	37.93068	-89.5687
62917	2305	1145	83051297	3280699	32.066	1.267	37.69342	-88.6516
62918	9793	4403	93303989	3809746	36.025	1.471	37.78953	-89.0881
62919	1003	640	1.27E+08	6618341	48.843	2.555	37.52402	-88.1384
62920	3265	1425	1.7E+08	1209934	65.505	0.467	37.55007	-89.2378
62921	375	204	1971949	26511	0.761	0.01	37.80191	-89.0843
62922	3119	1723	1.68E+08	4904967	64.765	1.894	37.62075	-88.8148
62923	518	255	78086810	641825	30.149	0.248	37.34643	-89.016
62924	2809	1260	1.1E+08	3325668	42.427	1.284	37.823	-89.198
62926	2263	990	2.08E+08	1676562	80.239	0.647	37.36668	-89.1314
62927	367	179	1134755	8440	0.438	0.003	37.93466	-89.2423
62928	293	182	43954467	118262	16.971	0.046	37.4824	-88.5753
62930	6263	3031	1.84E+08	1297174	70.864	0.501	37.83778	-88.4411
62931	1571	933	2.67E+08	2461263	103.058	0.95	37.52143	-88.292
62932	1592	711	99687684	4371214	38.49	1.688	37.90222	-89.2187
62933	1230	578	3722083	149857	1.437	0.058	37.77237	-89.0257
62934	927	460	1.99E+08	2660741	76.829	1.027	37.70724	-88.3586
62935	1943	978	1.44E+08	1876601	55.736	0.725	37.83955	-88.6348
62938	3033	1606	4.36E+08	9006602	168.211	3.477	37.38146	-88.5394
62939	3119	1610	1.14E+08	2103808	43.896	0.812	37.55116	-88.9816
62940	445	202	66915868	1852308	25.836	0.715	37.73849	-89.4718
62941	808	391	87890170	4829581	33.935	1.865	37.23926	-88.9861
62942	707	336	84043437	4393092	32.449	1.696	37.64936	-89.4729
62943	715	327	98823817	919968	38.156	0.355	37.35756	-88.7504
62946	12930	5880	3.6E+08	6557724	139.019	2.532	37.70986	-88.5388
62947	539	308	1.77E+08	413528	68.371	0.16	37.52841	-88.4544

62948	12865	5893	48619075	1054532	18.772	0.407	37.81714	-89.0307
62949	810	400	4001695	68811	1.545	0.027	37.82792	-89.1446
62950	193	97	77920973	2761964	30.085	1.066	37.74645	-89.5607
62951	5352	2459	63956813	1497346	24.694	0.578	37.82397	-88.9293
62952	3372	1487	2.54E+08	6852798	97.882	2.646	37.40957	-89.341
62953	360	168	2237076	324281	0.864	0.125	37.20947	-88.8495
62954	515	247	1.27E+08	1128335	48.894	0.436	37.69209	-88.2795
62956	869	433	67185400	594549	25.94	0.23	37.2798	-88.9384
62957	996	453	1.1E+08	5461746	42.592	2.109	37.3125	-89.4261
62958	2262	1093	1.19E+08	6194801	45.812	2.392	37.631	-89.231
62959	26948	12202	3.5E+08	11155021	135.226	4.307	37.71683	-88.9104
62960	11603	5384	3.01E+08	5064732	116.314	1.956	37.2253	-88.7094
62961	65	23	580949	15407	0.224	0.006	37.33825	-89.2552
62962	82	46	1.02E+08	20928492	39.254	8.081	37.07536	-89.3359
62963	611	284	11912566	1257719	4.599	0.486	37.09651	-89.1649
62964	1456	744	68099604	1176753	26.293	0.454	37.12779	-89.217
62965	125	59	1654544	101007	0.639	0.039	37.76732	-88.5206
62966	15607	7512	2.93E+08	7985394	113.195	3.083	37.77514	-89.351
62967	326	163	16821827	53072	6.495	0.02	37.58382	-88.7458
62969	731	400	51329077	4631402	19.818	1.788	37.15439	-89.3423
62970	639	329	71718978	799406	27.691	0.309	37.22458	-89.0911
62972	1205	682	1.73E+08	3357055	66.659	1.296	37.54229	-88.791
62974	1401	618	69217505	952538	26.725	0.368	37.7812	-88.783
62975	279	135	59997379	914172	23.165	0.353	37.63377	-89.3876
62976	469	264	68179509	348633	26.324	0.135	37.22166	-89.2044
62977	700	314	51044170	245698	19.708	0.095	37.85178	-88.5459
62979	1230	619	1.98E+08	3543654	76.35	1.368	37.82211	-88.1911
62982	1328	673	20174298	1554451	7.789	0.6	37.42478	-88.3654
62983	1504	688	52297326	644111	20.192	0.249	37.90297	-89.1212
62984	1841	900	2.05E+08	6588506	79.215	2.544	37.712	-88.1549
62985	845	468	1.74E+08	1415143	67.133	0.546	37.4586	-88.6854
62987	1174	557	2.12E+08	4562815	81.913	1.762	37.61847	-88.6519
62988	2110	789	1.61E+08	15623	62.248	0.006	37.25129	-89.2947
62990	1109	510	1.11E+08	4186509	42.891	1.616	37.22858	-89.3988
62992	1032	525	90036361	666897	34.763	0.257	37.28012	-89.1658
62994	755	308	96702498	1379562	37.337	0.533	37.90673	-89.3424
62995	5284	1774	2.81E+08	3284251	108.624	1.268	37.43764	-88.8694
62996	535	283	65670550	1535665	25.356	0.593	37.15753	-89.151
62997	599	267	895943	0	0.346	0	37.98228	-89.5904
62998	419	202	1.2E+08	10238758	46.369	3.953	37.51207	-89.4582
62999	1829	813	5554641	143124	2.145	0.055	37.88982	-89.0475
63005	17753	6384	89940830	4835317	34.726	1.867	38.64421	-90.6514
63010	35439	14159	56342909	1394082	21.754	0.538	38.43037	-90.3921
63011	36347	14828	37358218	0	14.424	0	38.60368	-90.5593
63012	9973	3659	73902237	1375959	28.534	0.531	38.33168	-90.4539
63013	1589	669	97010631	63939	37.456	0.025	38.41508	-91.1615
63014	779	375	1E+08	5036469	38.702	1.945	38.65181	-91.3134

63015	2076	842	43509691	522636	16.799	0.202	38.40579	-90.7594
63016	7582	3017	59097794	396603	22.818	0.153	38.35246	-90.635
63017	41470	17735	50722249	691627	19.584	0.267	38.65131	-90.5312
63019	4449	1937	8492363	1112996	3.279	0.43	38.22636	-90.377
63020	20714	8643	3.67E+08	1635243	141.549	0.631	38.10097	-90.5655
63021	56261	22553	56473197	1034831	21.804	0.4	38.56984	-90.5457
63023	5831	2506	1.82E+08	381206	70.245	0.147	38.27019	-90.6987
63025	13854	5218	1.04E+08	2992475	39.992	1.155	38.48758	-90.6201
63026	44124	17360	65526686	1809275	25.3	0.699	38.50335	-90.461
63028	26413	10756	3.17E+08	3312537	122.281	1.279	38.13792	-90.3922
63030	407	172	50647548	325284	19.555	0.126	38.12469	-90.7463
63031	48212	20039	38008005	2907546	14.675	1.123	38.81347	-90.3539
63033	43000	18401	32008713	55816	12.359	0.022	38.79972	-90.2747
63034	17761	6865	48504472	6006847	18.728	2.319	38.8483	-90.2884
63036	1064	1783	69655369	1173143	26.894	0.453	37.97643	-90.3718
63037	3241	1542	2.12E+08	411939	82.041	0.159	38.43139	-91.3019
63038	6914	2532	54205565	159594	20.929	0.062	38.57705	-90.6678
63039	726	329	9914172	22379	3.828	0.009	38.4945	-90.8393
63040	8512	3100	11744869	0	4.535	0	38.57295	-90.635
63041	534	229	35740653	109671	13.8	0.042	38.26013	-90.7875
63042	19602	9347	31552710	170774	12.183	0.066	38.78413	-90.3837
63043	22367	10030	36542078	877959	14.109	0.339	38.72974	-90.4614
63044	10568	4626	39188163	1856803	15.131	0.717	38.77279	-90.43
63045	3	3	4644832	425357	1.793	0.164	38.76921	-90.4635
63047	31	13	567836	0	0.219	0	38.1955	-90.4874
63048	3357	1404	8816595	745234	3.404	0.288	38.25756	-90.3931
63049	15896	6429	65399124	11311	25.251	0.004	38.48128	-90.5308
63050	15716	6211	2.33E+08	1569619	90.077	0.606	38.25477	-90.578
63051	14495	5656	1.2E+08	670597	46.324	0.259	38.37777	-90.5766
63052	26431	9727	84331739	1850599	32.561	0.715	38.3889	-90.4369
63053	62	29	65553	0	0.025	0	38.36659	-90.3639
63055	2449	1000	71201891	2167250	27.491	0.837	38.52709	-90.8244
63056	2002	933	1.51E+08	413081	58.482	0.159	38.40003	-91.2148
63057	56	0	130940	0	0.051	0	38.3433	-90.4056
63060	2461	1056	1.23E+08	182629	47.683	0.071	38.25779	-90.875
63061	95	44	5402804	55963	2.086	0.022	38.27289	-90.8122
63068	4909	2160	2.34E+08	2110065	90.291	0.815	38.56588	-91.2441
63069	15647	6145	1.79E+08	2241689	69.173	0.866	38.49084	-90.732
63070	7438	3119	35195913	796519	13.589	0.308	38.28843	-90.4291
63071	1103	491	1.03E+08	563071	39.753	0.217	38.14763	-90.8318
63072	3194	1313	1.07E+08	500839	41.297	0.193	38.36927	-90.8125
63073	301	119	17766962	1755951	6.86	0.678	38.58975	-90.7793
63074	15164	7542	9951665	0	3.842	0	38.7265	-90.3887
63077	11798	5213	2.25E+08	646127	86.787	0.249	38.32908	-90.9845
63079	58	25	2209361	0	0.853	0	38.26058	-91.0998
63080	13987	6427	6.75E+08	930221	260.655	0.359	38.19467	-91.077
63084	17414	7047	1.95E+08	173941	75.1	0.067	38.4219	-91.0193

63087	769	345	34256787	106323	13.227	0.041	38.01328	-90.4515
63088	8269	4018	15460796	780885	5.969	0.302	38.54962	-90.4999
63089	5965	2367	93934749	413312	36.268	0.16	38.45827	-90.8896
63090	21524	9232	2.12E+08	5154030	81.689	1.99	38.53524	-91.0488
63091	1264	579	1.25E+08	797166	48.352	0.308	38.37166	-91.3932
63101	2620	2085	976846	0	0.377	0	38.63156	-90.1926
63102	2316	1351	3864674	1261237	1.492	0.487	38.63518	-90.187
63103	6900	5625	5592208	0	2.159	0	38.62971	-90.2169
63104	18656	10840	8950000	897412	3.456	0.346	38.61113	-90.2141
63105	17667	7399	6883619	0	2.658	0	38.64431	-90.3282
63106	11883	5865	5843886	0	2.256	0	38.6444	-90.2083
63107	11912	7090	6218033	0	2.401	0	38.66392	-90.2121
63108	21568	13197	5802373	0	2.24	0	38.6448	-90.2534
63109	26946	14884	9248824	176916	3.571	0.068	38.5846	-90.2944
63110	17107	9404	16220321	0	6.263	0	38.62579	-90.267
63111	20313	10670	8383840	1936755	3.237	0.748	38.55808	-90.25
63112	20368	11931	8567955	0	3.308	0	38.65893	-90.2827
63113	13167	7160	6574088	0	2.538	0	38.658	-90.2476
63114	36201	16568	22838169	44971	8.818	0.017	38.70226	-90.3637
63115	20775	11417	11057944	0	4.269	0	38.68219	-90.24
63116	43540	21983	14257521	60076	5.505	0.023	38.58081	-90.2641
63117	9163	5060	6101992	0	2.356	0	38.63077	-90.3309
63118	26704	14594	8687833	674835	3.354	0.261	38.59244	-90.2262
63119	33969	15446	21732317	0	8.391	0	38.58845	-90.3513
63120	10296	4976	6259219	0	2.417	0	38.69058	-90.2621
63121	26602	12491	18594104	0	7.179	0	38.70719	-90.3013
63122	38495	17320	36671420	177470	14.159	0.069	38.58119	-90.418
63123	49308	23271	32521712	45049	12.557	0.017	38.54743	-90.3281
63124	10417	4935	22670949	0	8.753	0	38.6381	-90.3803
63125	32201	14961	25727230	2037173	9.933	0.787	38.51845	-90.2935
63126	15112	6811	12031136	0	4.645	0	38.54966	-90.3786
63127	4939	2216	16301015	233937	6.294	0.09	38.53328	-90.4168
63128	29356	13134	38882716	750512	15.013	0.29	38.49243	-90.3865
63129	52718	22125	54122271	5071380	20.897	1.958	38.45862	-90.3165
63130	30084	14020	13044463	0	5.036	0	38.66507	-90.3253
63131	16769	6416	36040575	0	13.915	0	38.6174	-90.4442
63132	13988	6538	13628266	0	5.262	0	38.67603	-90.378
63133	8161	3660	7734843	0	2.986	0	38.68091	-90.306
63134	13638	5731	21283008	9653	8.217	0.004	38.74071	-90.347
63135	21334	9104	16248529	20503	6.274	0.008	38.74968	-90.2987
63136	48560	21585	27405368	0	10.581	0	38.74331	-90.2598
63137	20654	8771	19278628	3318600	7.444	1.281	38.75047	-90.2117
63138	20175	9083	47511686	4958862	18.344	1.915	38.80105	-90.1924
63139	22789	12843	10078120	0	3.891	0	38.61041	-90.2917
63140	294	173	1303667	0	0.503	0	38.73838	-90.3231
63141	20593	9040	36603879	0	14.133	0	38.65828	-90.4582
63143	9678	5708	5104698	1466	1.971	0.001	38.61173	-90.3214

63144	8825	4775	6088574	0	2.351	0	38.61902	-90.3477
63146	29262	15142	36259825	3013312	14	1.163	38.69769	-90.4747
63147	11373	4745	15205092	2295197	5.871	0.886	38.69402	-90.2162
63155	0	0	57711	0	0.022	0	38.62787	-90.2055
63301	48514	20603	2.29E+08	25944139	88.381	10.017	38.85804	-90.4633
63303	45834	19851	51405804	3987400	19.848	1.54	38.73988	-90.5437
63304	40336	14765	1.08E+08	8239749	41.756	3.181	38.70351	-90.6675
63330	125	190	79129889	7548765	30.552	2.915	39.27134	-90.8043
63332	1292	575	1.39E+08	5034887	53.775	1.944	38.59692	-90.894
63333	783	392	1.13E+08	583116	43.81	0.225	39.03374	-91.309
63334	8569	2831	4.52E+08	2145416	174.447	0.828	39.29758	-91.1883
63336	1146	663	1.87E+08	8311663	72.192	3.209	39.33279	-90.9334
63339	1145	476	2.19E+08	1324681	84.557	0.511	39.34438	-91.3713
63341	3530	1403	1.42E+08	3532482	54.758	1.364	38.67083	-90.8159
63343	4546	2118	2.87E+08	10268509	110.626	3.965	39.15481	-90.8282
63344	1663	707	2.03E+08	650255	78.524	0.251	39.23686	-91.004
63345	393	200	53231414	354583	20.553	0.137	39.27706	-91.5691
63347	3078	1273	97699918	10381857	37.722	4.008	39.06987	-90.7667
63348	6059	2365	1.39E+08	1139494	53.506	0.44	38.78546	-90.9452
63349	1934	798	93391391	952664	36.059	0.368	38.97439	-91.151
63350	562	299	62384493	1364941	24.087	0.527	38.9011	-91.3617
63351	1768	796	1.43E+08	484613	55.316	0.187	38.86237	-91.3127
63352	1078	523	2.74E+08	1257199	105.692	0.485	39.24779	-91.6589
63353	4593	2344	2.18E+08	5673891	84.275	2.191	39.4545	-91.1132
63357	5534	2378	3.29E+08	11202226	126.844	4.325	38.66102	-91.0869
63359	1296	675	3.68E+08	2255829	142.252	0.871	39.15121	-91.3562
63361	4525	2203	4.12E+08	2943336	158.915	1.136	38.96515	-91.553
63362	6350	2394	95377694	1268877	36.826	0.49	38.9228	-90.8698
63363	1719	955	2.25E+08	1481709	87.065	0.572	38.88391	-91.4549
63366	46175	17758	1.78E+08	3442079	68.751	1.329	38.85744	-90.7255
63367	19433	7958	34642454	2105249	13.376	0.813	38.77433	-90.795
63368	43360	15431	42698642	0	16.486	0	38.75129	-90.7296
63369	2258	886	83857627	3360248	32.378	1.297	38.93515	-90.7633
63370	33	17	620954	2792	0.24	0.001	39.09151	-91.2405
63373	603	309	42986852	7927507	16.597	3.061	38.92957	-90.3854
63376	70828	27628	1.08E+08	42355	41.538	0.016	38.79891	-90.6075
63377	2462	1049	3.42E+08	3095831	132.019	1.195	39.11031	-91.1034
63379	23348	9034	3.51E+08	3775882	135.503	1.458	39.00091	-90.9957
63381	532	244	69944152	396974	27.006	0.153	38.9864	-91.2533
63382	4897	1709	2.98E+08	1534651	115.249	0.593	39.30539	-91.4959
63383	15770	6547	4.11E+08	3581914	158.63	1.383	38.80437	-91.1937
63384	1955	922	2.18E+08	2051888	83.994	0.792	39.09253	-91.5536
63385	35750	12777	1.74E+08	313260	67.027	0.121	38.79699	-90.8573
63386	538	276	80525234	22512886	31.091	8.692	38.87023	-90.2196
63387	73	31	241598	3640	0.093	0.001	39.18356	-91.0167
63388	710	466	1.59E+08	1975990	61.305	0.763	38.87511	-91.7571
63389	6336	2520	1.05E+08	1909293	40.591	0.737	39.01056	-90.7741

63390	9760	5113	1.99E+08	5338190	77.016	2.061	38.8034	-91.0401
63401	22067	9750	2.7E+08	6166501	104.36	2.381	39.69067	-91.4566
63430	639	281	1.36E+08	7782098	52.424	3.005	40.39063	-91.5426
63431	334	167	1.21E+08	285938	46.66	0.11	39.74022	-92.314
63432	513	282	2.3E+08	1048839	88.75	0.405	40.49724	-91.9939
63433	68	40	32405844	8593943	12.512	3.318	39.53418	-91.1312
63434	687	317	1.66E+08	213450	64.169	0.082	39.90673	-91.9472
63435	4219	1743	3.65E+08	8431676	140.897	3.255	40.19914	-91.5837
63436	1155	658	2.19E+08	3584839	84.371	1.384	39.50573	-91.5525
63437	1503	762	3.21E+08	1559628	123.757	0.602	39.72822	-92.2207
63438	466	206	35755949	404050	13.805	0.156	39.96851	-91.688
63439	127	78	52247025	0	20.173	0	39.80193	-91.8606
63440	1407	642	2.32E+08	466385	89.66	0.18	39.98748	-91.7588
63441	1121	565	2.33E+08	1925328	89.93	0.743	39.48033	-91.312
63443	440	259	1.26E+08	1675750	48.489	0.647	39.66852	-91.8825
63445	3911	1820	4.3E+08	3764600	165.993	1.454	40.39566	-91.7322
63446	691	363	2.82E+08	1244943	108.986	0.481	40.13041	-91.9872
63447	1133	548	2.21E+08	570845	85.139	0.22	40.09702	-91.9034
63448	1520	733	1.28E+08	3217501	49.324	1.242	40.02466	-91.557
63450	132	69	65771617	30473	25.395	0.012	39.66891	-92.1503
63451	244	137	1.49E+08	248041	57.669	0.096	39.90378	-92.2059
63452	1167	570	2.49E+08	353178	96.011	0.136	40.09313	-91.7901
63453	519	219	1.57E+08	899574	60.621	0.347	40.51076	-91.8673
63454	946	424	98226450	291754	37.925	0.113	39.92298	-91.6504
63456	4271	2290	4.78E+08	11641999	184.441	4.495	39.65647	-91.7283
63457	337	141	89243103	123057	34.457	0.048	40.16585	-91.7119
63458	197	124	78009622	724858	30.12	0.28	39.99245	-92.0199
63459	4153	1824	3.59E+08	7039785	138.656	2.718	39.57937	-91.3693
63460	328	200	2.21E+08	662544	85.483	0.256	39.99927	-92.2079
63461	5876	2597	4.1E+08	7732492	158.364	2.986	39.79054	-91.5689
63462	1458	1056	3.16E+08	20113327	122.14	7.766	39.41921	-91.7011
63463	652	292	1.22E+08	446251	47.125	0.172	39.85144	-91.781
63464	21	24	3316530	6312	1.281	0.002	39.98089	-92.0836
63465	407	207	1.15E+08	2034186	44.587	0.785	40.52764	-91.6795
63467	75	32	547673	0	0.211	0	39.6486	-91.2707
63468	2644	1319	3.64E+08	847387	140.511	0.327	39.68406	-92.0146
63469	1194	609	3.45E+08	449284	133.372	0.173	39.82585	-92.0412
63471	639	283	1.26E+08	10426839	48.742	4.026	39.90724	-91.4878
63472	587	275	5987619	57768	2.312	0.022	40.40443	-91.5858
63473	262	178	1.77E+08	739890	68.439	0.286	40.24685	-91.7839
63474	479	282	1.73E+08	757610	66.936	0.293	40.34977	-91.8936
63501	21532	9321	5.32E+08	3219144	205.459	1.243	40.16629	-92.5912
63530	868	435	2.58E+08	1850604	99.655	0.715	39.90762	-92.4551
63531	532	334	2.15E+08	1243691	83.087	0.48	40.30026	-92.241
63532	1322	656	1.33E+08	1964385	51.165	0.758	39.76089	-92.5729
63533	805	382	1.71E+08	86489	66.08	0.033	40.19977	-92.3922
63534	804	428	1.91E+08	5579106	73.91	2.154	39.73731	-92.6484

63535	114	64	67872014	140589	26.206	0.054	40.55996	-92.665
63536	851	407	1.96E+08	496660	75.765	0.192	40.48529	-92.3559
63537	1916	1002	3.38E+08	1956918	130.537	0.756	40.14993	-92.1536
63538	283	165	1.48E+08	2183915	57.033	0.843	39.95394	-92.6799
63539	206	145	1.12E+08	351527	43.065	0.136	39.92622	-92.7512
63540	150	61	22529122	1596	8.699	0.001	40.10539	-92.4069
63541	409	210	99264442	136781	38.326	0.053	40.50417	-92.627
63543	352	185	1E+08	577029	38.777	0.223	40.35242	-92.0141
63544	818	460	3.17E+08	503155	122.377	0.194	40.24575	-92.8402
63545	1111	597	2.96E+08	1091251	114.465	0.421	40.27224	-92.9645
63546	1715	741	2.95E+08	2191767	113.903	0.846	40.33774	-92.511
63547	459	255	1.76E+08	1139574	67.955	0.44	40.13583	-92.2977
63548	1287	606	1.98E+08	787340	76.632	0.304	40.53637	-92.4892
63549	2742	1197	3.74E+08	804315	144.528	0.311	40.01876	-92.4862
63551	338	200	89293358	0	34.476	0	40.50057	-92.7356
63552	7926	3820	3.34E+08	11594380	129.129	4.477	39.76316	-92.4365
63555	3201	1553	5.14E+08	4185320	198.337	1.616	40.4864	-92.1932
63556	3779	1749	6.26E+08	4398580	241.533	1.698	40.18299	-93.1273
63557	291	204	2.69E+08	843102	103.978	0.326	39.97099	-92.8788
63558	742	412	2.92E+08	2117254	112.915	0.817	39.74945	-92.7511
63559	1420	748	2.86E+08	270138	110.489	0.104	40.21982	-92.7517
63560	239	136	1.1E+08	245314	42.491	0.095	40.35963	-93.1204
63561	1206	584	2.22E+08	437499	85.533	0.169	40.41956	-92.5409
63563	575	266	1.92E+08	1181824	74.29	0.456	40.30455	-92.0659
63565	3805	2280	7.08E+08	4792441	273.245	1.85	40.48062	-92.9473
63566	125	86	77881554	326834	30.07	0.126	40.04328	-92.9256
63567	192	117	28707572	0	11.084	0	40.4188	-92.7197
63601	16656	7416	1.46E+08	409090	56.55	0.158	37.82445	-90.5465
63620	1619	997	5.07E+08	2557326	195.729	0.987	37.38173	-90.6519
63621	1228	634	1.7E+08	1108182	65.62	0.428	37.47837	-90.6102
63622	1011	461	1.16E+08	534914	44.801	0.207	37.79102	-90.9075
63623	882	389	2.61E+08	74723	100.729	0.029	37.68506	-90.8826
63624	3757	1826	1.6E+08	1894529	61.874	0.731	37.75551	-90.634
63625	457	284	2.08E+08	575134	80.369	0.222	37.5549	-90.9718
63626	1037	412	40893429	302747	15.789	0.117	38.06998	-90.6865
63627	2937	1289	1.88E+08	8711452	72.752	3.364	38.04922	-90.2596
63628	16014	6551	3.02E+08	2324128	116.721	0.897	37.9457	-90.5247
63629	1314	640	6.7E+08	2211630	258.86	0.854	37.40864	-91.2368
63630	4062	1657	1.73E+08	729158	66.644	0.282	38.0296	-90.7175
63631	849	421	1.08E+08	72226	41.549	0.028	37.75457	-90.788
63633	645	369	2.53E+08	593496	97.873	0.229	37.44347	-91.0205
63636	608	316	96693882	971978	37.334	0.375	37.29364	-90.5755
63637	1329	585	43149255	57026	16.66	0.022	37.71229	-90.5183
63638	2920	1639	8.6E+08	1393796	331.928	0.538	37.21502	-91.0189
63640	26335	10474	5.4E+08	2032569	208.311	0.785	37.75467	-90.3806
63645	11420	5486	9.86E+08	6208124	380.765	2.397	37.53868	-90.3418
63648	1628	664	76297839	40693	29.459	0.016	37.82511	-90.6956

63650	4401	2115	2.86E+08	1616010	110.346	0.624	37.62338	-90.6094
63653	1206	493	3743792	0	1.445	0	37.86029	-90.5916
63654	706	423	1.94E+08	2257565	74.778	0.872	37.48753	-90.8578
63655	1523	786	3.8E+08	1146670	146.832	0.443	37.39056	-90.1891
63656	531	301	1.66E+08	797460	64.26	0.308	37.59323	-90.7973
63660	4276	1410	96681132	503761	37.329	0.195	37.90925	-90.6888
63662	1185	566	1.7E+08	218144	65.511	0.084	37.53242	-90.05
63663	723	381	1789179	10524	0.691	0.004	37.6262	-90.6473
63664	8920	3967	7.62E+08	2560239	294.095	0.989	37.89983	-90.9276
63665	241	175	1.79E+08	1295452	69.167	0.5	37.29284	-90.8439
63666	93	37	7361264	3418	2.842	0.001	37.40298	-91.0559
63670	11295	5342	6.7E+08	10154700	258.87	3.921	37.89018	-90.1812
63673	2115	1024	2.83E+08	9074483	109.324	3.504	37.84183	-89.9911
63674	132	57	8758849	38088	3.382	0.015	38.03666	-90.6593
63675	144	78	33818184	14490	13.057	0.006	37.31448	-90.6948
63701	36812	15423	3.35E+08	8659051	129.295	3.343	37.33529	-89.5746
63703	8182	4243	33404030	4441262	12.897	1.715	37.27231	-89.5398
63730	3430	1583	3.12E+08	2487654	120.476	0.96	37.09829	-89.9172
63732	834	361	98398093	6498905	37.992	2.509	37.59414	-89.5759
63735	847	390	1.56E+08	390678	60.25	0.151	36.97771	-89.7757
63736	3310	1370	1.75E+08	5565371	67.495	2.149	37.09318	-89.5103
63738	76	42	743236	5189	0.287	0.002	37.08984	-89.9572
63739	464	247	37314861	89024	14.407	0.034	37.35855	-89.8003
63740	5339	2359	2.31E+08	1476431	89.17	0.57	37.17537	-89.6807
63742	64	38	798404	0	0.308	0	37.15867	-89.4461
63743	122	47	16100371	42648	6.216	0.016	37.52128	-89.8161
63744	111	55	315408	0	0.122	0	37.196	-89.7383
63745	66	26	13360639	63148	5.159	0.024	37.2398	-89.6902
63746	65	25	3265025	0	1.261	0	37.70784	-89.6948
63747	469	197	52314004	18273	20.199	0.007	37.55638	-89.7997
63748	1015	477	1.89E+08	8085989	73.015	3.122	37.66893	-89.6263
63750	43	29	23279064	130538	8.988	0.05	37.15213	-90.2027
63751	1249	658	2.32E+08	839772	89.675	0.324	37.27582	-90.1282
63755	24006	9984	4.43E+08	5229299	170.884	2.019	37.43785	-89.6386
63758	170	84	1066152	13714	0.412	0.005	37.18702	-89.5559
63760	614	255	76126493	207909	29.393	0.08	37.24279	-89.8989
63763	223	112	64913755	26064	25.063	0.01	37.06446	-90.1756
63764	5984	2742	5.01E+08	776169	193.479	0.3	37.31976	-89.9902
63766	1288	555	1.3E+08	201843	50.292	0.078	37.4309	-89.8369
63767	655	302	3454506	0	1.334	0	37.04622	-89.6112
63769	1389	612	1.35E+08	81870	52.284	0.032	37.5224	-89.7366
63770	192	78	4957498	0	1.914	0	37.59752	-89.703
63771	2862	1237	2.54E+08	558709	98.249	0.216	37.07161	-89.7037
63774	76	45	8560099	2191	3.305	0.001	37.08947	-89.7643
63775	16710	7559	9.04E+08	10527304	348.986	4.065	37.71132	-89.8776
63780	6740	2867	1.4E+08	4536954	53.946	1.752	37.18872	-89.5145
63781	1272	552	1.66E+08	312747	64.208	0.121	37.53845	-89.9284

63782	274	135	39897082	186574	15.404	0.072	37.12214	-90.0353
63783	132	60	12628280	0	4.876	0	37.60727	-89.6798
63784	279	107	2201297	0	0.85	0	36.98453	-89.6916
63785	1000	454	1.25E+08	623954	48.117	0.241	37.26684	-89.8222
63787	719	413	1.47E+08	854578	56.609	0.33	37.12109	-90.1331
63801	23123	10112	5.43E+08	1009578	209.758	0.39	36.90479	-89.6179
63820	226	104	1248268	0	0.482	0	36.82426	-89.3256
63821	970	444	95647801	424044	36.93	0.164	36.04767	-90.2391
63822	2867	1329	1.71E+08	560395	66.119	0.216	36.66595	-89.9988
63823	1247	566	1.03E+08	79990	39.86	0.031	36.89501	-89.4604
63824	164	69	231877	0	0.09	0	37.00492	-89.5267
63825	4409	1963	2.55E+08	2330389	98.274	0.9	36.93169	-89.9457
63826	84	43	8076603	11809	3.118	0.005	36.17036	-89.8417
63827	829	400	2.29E+08	2199199	88.485	0.849	36.25601	-89.8873
63828	345	123	2537451	0	0.98	0	36.75037	-89.6918
63829	1120	576	61967829	723244	23.926	0.279	36.03551	-90.3089
63830	7102	3140	1.78E+08	24701108	68.691	9.537	36.13205	-89.6895
63833	242	110	2.12E+08	461573	81.792	0.178	36.65034	-89.7308
63834	7135	2431	6.45E+08	30448348	248.909	11.756	36.91429	-89.2742
63837	1653	742	58747255	26180	22.682	0.01	36.46198	-89.9922
63839	485	197	4196028	0	1.62	0	36.04474	-89.8136
63841	13123	5977	3.45E+08	1529481	133.342	0.591	36.77132	-89.9845
63845	5814	2585	5.29E+08	17269672	204.112	6.668	36.71295	-89.3244
63846	1554	711	2.85E+08	1649685	110.024	0.637	36.82624	-89.7994
63847	64	34	4651607	0	1.796	0	36.43995	-90.0389
63848	1592	671	1.88E+08	1575383	72.693	0.608	36.4445	-89.9061
63849	186	80	48202911	258192	18.611	0.1	36.13861	-89.9788
63851	4225	1920	2.4E+08	16843861	92.635	6.503	36.25915	-89.7172
63852	1488	655	1.32E+08	684035	50.995	0.264	36.36915	-90.0158
63853	244	120	4030270	0	1.556	0	36.06474	-89.8703
63855	1117	524	2.04E+08	3714156	78.594	1.434	36.06911	-90.0568
63857	12956	5698	2.84E+08	6630133	109.464	2.56	36.22427	-90.0458
63860	131	60	17372209	68035	6.707	0.026	36.65218	-89.5947
63862	1705	806	1.53E+08	1240489	59.032	0.479	36.614	-89.6417
63863	6359	2982	1.54E+08	221955	59.368	0.086	36.56489	-89.9768
63866	488	244	16514593	53637	6.376	0.021	36.52854	-89.6056
63867	1019	446	2.32E+08	383790	89.759	0.148	36.73272	-89.5519
63868	838	434	4115280	0	1.589	0	36.84917	-89.6934
63869	3783	1743	2.32E+08	30504286	89.712	11.778	36.59703	-89.4822
63870	1097	512	2.17E+08	311648	83.791	0.12	36.62114	-89.8572
63873	4947	2165	5.18E+08	30416841	199.947	11.744	36.42287	-89.6712
63874	350	171	2943696	17530	1.137	0.007	36.543	-89.8227
63876	2374	1029	1.51E+08	433808	58.176	0.167	36.13228	-90.1703
63877	3931	1716	3.57E+08	1391514	137.936	0.537	36.07572	-89.8583
63878	138	67	1388071	0	0.536	0	36.50302	-89.8224
63879	773	366	59424228	234372	22.944	0.09	36.35952	-89.8127
63880	117	41	406690	2520	0.157	0.001	36.32604	-90.0239

63882	431	238	1179127	24401	0.455	0.009	36.91528	-89.2227
63901	34665	15651	8.11E+08	3361529	313.2	1.298	36.76033	-90.4606
63902	0	0	27936	0	0.011	0	36.76762	-90.4271
63932	1254	587	1.35E+08	447817	52.283	0.173	36.68324	-90.2558
63933	3719	1667	2.63E+08	2693195	101.37	1.04	36.52818	-90.107
63934	201	110	30515117	44997	11.782	0.017	37.19862	-90.3687
63935	10158	4817	1.23E+09	5349247	473.74	2.065	36.67536	-90.9215
63936	754	358	2.01E+08	1915480	77.667	0.74	36.80893	-90.129
63937	2922	1335	4.88E+08	1235841	188.438	0.477	36.93512	-90.784
63939	1430	613	94826342	49717	36.613	0.019	36.65133	-90.6734
63940	1393	677	1.43E+08	1106199	55.144	0.427	36.768	-90.2277
63941	371	216	3.91E+08	322393	150.859	0.124	36.88559	-91.159
63942	652	332	2.19E+08	443895	84.602	0.171	36.55437	-91.0745
63943	915	433	1.48E+08	417489	57.198	0.161	36.82717	-90.789
63944	1844	1189	4.67E+08	8380905	180.473	3.236	37.11316	-90.3595
63945	1163	546	69769639	320454	26.938	0.124	36.63297	-90.5427
63951	331	197	68794653	633907	26.562	0.245	37.11488	-90.2579
63952	408	237	1.44E+08	1268460	55.515	0.49	37.01006	-90.642
63953	1635	756	1.45E+08	394991	56.114	0.153	36.58725	-90.6377
63954	1219	573	2.62E+08	665191	101.081	0.257	36.55749	-90.4713
63955	288	143	19976736	0	7.713	0	36.60356	-90.6809
63956	1133	573	1.97E+08	2064550	76.123	0.797	37.21395	-90.5217
63957	5440	3244	4.96E+08	6343688	191.603	2.449	37.12298	-90.6483
63960	3326	1477	3.07E+08	8454376	118.68	3.264	36.95694	-90.1315
63961	1610	776	2.28E+08	2564331	87.839	0.99	36.56721	-90.2771
63962	41	19	46710	0	0.018	0	36.84403	-90.2815
63964	784	502	1.66E+08	492797	63.984	0.19	37.26295	-90.415
63965	2697	1572	5.46E+08	2872656	210.746	1.109	36.96517	-91.0213
63966	2601	1987	1.71E+08	14938665	66.017	5.768	36.97951	-90.2647
63967	1906	1071	2.94E+08	10726101	113.54	4.141	36.9407	-90.4853
64001	656	298	1.02E+08	171057	39.412	0.066	39.11422	-93.5409
64011	3106	1441	81421619	462437	31.437	0.179	38.95976	-94.0679
64012	27260	11265	1.24E+08	890189	47.689	0.344	38.78935	-94.5436
64014	24797	9518	31210422	73401	12.05	0.028	39.00676	-94.2551
64015	31217	12590	59084187	5822285	22.813	2.248	39.01506	-94.3126
64016	4713	1903	84191974	7094	32.507	0.003	39.11962	-94.2158
64017	464	205	50065065	1652175	19.33	0.638	39.19562	-94.0242
64018	890	367	60688427	469610	23.432	0.181	39.45472	-94.7213
64019	2368	951	2.18E+08	621638	84.283	0.24	38.77754	-93.8653
64020	3608	1621	2.76E+08	2799362	106.669	1.081	38.96743	-93.5998
64021	633	297	93615279	150413	36.145	0.058	39.10449	-93.619
64022	183	93	26196397	1290186	10.114	0.498	39.19436	-93.6718
64024	16230	6853	1.83E+08	1335981	70.47	0.516	39.32762	-94.227
64029	16574	6276	73661374	41589	28.441	0.016	39.00569	-94.2128
64030	24422	11052	38117439	143449	14.717	0.055	38.88136	-94.5227
64034	7612	2799	52357979	1179783	20.216	0.456	38.85855	-94.2976
64035	971	443	1.63E+08	2123104	63.005	0.82	39.29051	-93.8122

64036	389	147	48364338	3092976	18.674	1.194	39.19376	-93.9368
64037	6150	2794	2.59E+08	2763688	100.086	1.067	39.05486	-93.7327
64040	6574	2838	4.44E+08	2068207	171.384	0.799	38.72376	-93.9877
64048	4140	1615	1.21E+08	253912	46.829	0.098	39.43776	-94.3636
64050	22178	10470	34157034	905484	13.188	0.35	39.11591	-94.4105
64052	20911	10253	16865361	0	6.512	0	39.07342	-94.4502
64053	5319	2710	8215839	208950	3.172	0.081	39.10935	-94.4653
64054	3731	1892	5220909	85893	2.016	0.033	39.11036	-94.439
64055	33858	16057	31683934	71242	12.233	0.028	39.05085	-94.398
64056	16576	6411	53920499	580764	20.819	0.224	39.11331	-94.3198
64057	14141	6296	39251650	161459	15.155	0.062	39.07196	-94.3193
64058	6659	2454	91262081	5024514	35.236	1.94	39.17386	-94.3136
64060	13042	4847	1.47E+08	975196	56.846	0.377	39.36891	-94.3648
64061	3387	1446	1.67E+08	1407608	64.564	0.543	38.78339	-94.0849
64062	6121	2413	2.3E+08	573328	88.715	0.221	39.45573	-94.1632
64063	20374	8396	16222907	0	6.264	0	38.91199	-94.3517
64064	16223	6500	45015537	2763183	17.381	1.067	38.9745	-94.3452
64065	27	10	1856996	20041	0.717	0.008	38.95478	-94.4048
64066	38	18	4281439	24736	1.653	0.01	39.136	-94.1258
64067	5789	2583	1.9E+08	6803293	73.263	2.627	39.15488	-93.8303
64068	36280	14208	2.24E+08	2164448	86.332	0.836	39.25832	-94.3897
64070	3309	1316	1.02E+08	366713	39.366	0.142	38.88662	-94.1489
64071	828	347	94773370	683781	36.592	0.264	39.02783	-93.8317
64072	239	116	2254084	464224	0.87	0.179	39.24207	-94.2938
64074	638	273	58037093	1782162	22.408	0.688	39.08365	-94.0713
64075	11810	4560	1.31E+08	546526	50.666	0.211	38.99982	-94.1452
64076	9512	3986	3.14E+08	2635670	121.079	1.018	38.98316	-93.9481
64077	1940	828	1.85E+08	5080119	71.381	1.961	39.22458	-94.1391
64078	8902	3454	1.44E+08	386831	55.737	0.149	38.70269	-94.4581
64079	12485	5112	2.43E+08	4270617	93.865	1.649	39.35912	-94.7937
64080	12866	5027	3.19E+08	4622695	123.046	1.785	38.76421	-94.2604
64081	23144	9818	36947566	88829	14.266	0.034	38.90705	-94.4039
64082	14456	5188	49875313	2234031	19.257	0.863	38.86211	-94.4083
64083	20995	8194	74209976	542913	28.653	0.21	38.79739	-94.4455
64084	1556	621	1.27E+08	102955	49.163	0.04	39.38435	-94.0669
64085	8803	4004	4.39E+08	2712050	169.406	1.047	39.33484	-93.9453
64086	21925	9203	96916305	4094210	37.42	1.581	38.89917	-94.2724
64088	1378	559	71974582	1548672	27.79	0.598	39.15156	-94.1819
64089	11470	4442	1.66E+08	16160704	63.95	6.24	39.39381	-94.5608
64090	116	48	305567	0	0.118	0	38.75936	-94.1636
64092	44	24	15058411	1170265	5.814	0.452	39.21758	-94.8111
64093	27608	11075	4.84E+08	1762570	186.968	0.681	38.79639	-93.7318
64096	1171	512	1.1E+08	4842900	42.475	1.87	39.20882	-93.5525
64097	1410	605	88017461	2244768	33.984	0.867	39.10491	-93.9843
64098	2892	1312	1.9E+08	1638134	73.307	0.632	39.46808	-94.8915
64101	339	24	1040002	0	0.402	0	39.10346	-94.6006
64102	0	0	797713	0	0.308	0	39.09384	-94.604

64105	3505	2904	1949993	220454	0.753	0.085	39.10473	-94.5904
64106	7701	3669	3988802	159794	1.54	0.062	39.10484	-94.5722
64108	7584	4484	9405986	4803	3.632	0.002	39.0849	-94.5865
64109	9931	5994	5365744	4529	2.072	0.002	39.06579	-94.5663
64110	15318	7985	7852892	0	3.032	0	39.0345	-94.5728
64111	16318	11569	7051152	0	2.722	0	39.05758	-94.5939
64112	8147	5744	3819182	0	1.475	0	39.03598	-94.5952
64113	11328	4863	6460877	0	2.495	0	39.01407	-94.5957
64114	23158	12764	18132052	6836	7.001	0.003	38.9578	-94.5986
64116	15318	8032	28114888	1926126	10.855	0.744	39.14881	-94.5752
64117	14017	6360	15588833	614489	6.019	0.237	39.16445	-94.5227
64118	40191	18746	33180917	40486	12.811	0.016	39.21274	-94.5724
64119	27341	11880	34764002	157309	13.422	0.061	39.20997	-94.5147
64120	369	239	21214475	1996306	8.191	0.771	39.13501	-94.515
64123	10387	4108	4266260	0	1.647	0	39.11435	-94.5232
64124	12639	5618	4409734	0	1.703	0	39.10723	-94.5392
64125	1953	849	4278780	92464	1.652	0.036	39.10646	-94.4942
64126	6514	2828	6447492	59356	2.489	0.023	39.09109	-94.496
64127	17332	8464	10838126	0	4.185	0	39.08914	-94.5385
64128	11613	6344	7935529	0	3.064	0	39.06557	-94.5346
64129	9486	4467	26999048	30537	10.424	0.012	39.0479	-94.492
64130	20492	10854	18639293	0	7.197	0	39.03368	-94.5408
64131	21465	11139	19266884	34078	7.439	0.013	38.93604	-94.585
64132	13810	6787	26397243	76789	10.192	0.03	38.9883	-94.5423
64133	33780	15503	43126499	234135	16.651	0.09	39.01394	-94.4559
64134	21973	9316	30850741	2250277	11.912	0.869	38.92804	-94.4876
64136	2153	983	12256241	92418	4.732	0.036	39.01277	-94.4058
64137	10554	4703	18764232	234277	7.245	0.09	38.93536	-94.5427
64138	25294	11220	34702536	20488	13.399	0.008	38.96712	-94.4679
64139	1762	575	10588840	67868	4.088	0.026	38.96834	-94.4164
64145	5389	2303	17044922	169116	6.581	0.065	38.87353	-94.594
64146	1376	732	12466686	62722	4.813	0.024	38.88304	-94.5727
64147	769	232	8441499	38	3.259	0	38.85272	-94.5505
64149	343	151	22122023	711833	8.541	0.275	38.86191	-94.4689
64150	3048	1570	14423809	715207	5.569	0.276	39.1722	-94.6325
64151	24134	11197	34102020	532083	13.167	0.205	39.21439	-94.6302
64152	26024	10240	76977596	2569684	29.721	0.992	39.21907	-94.7247
64153	5358	2634	94849737	997787	36.622	0.385	39.27458	-94.7266
64154	9257	4432	36047302	118042	13.918	0.046	39.28023	-94.6371
64155	21901	8670	28790814	68275	11.116	0.026	39.27241	-94.5801
64156	5404	2259	36547157	25526	14.111	0.01	39.27331	-94.52
64157	16122	5686	28585683	52191	11.037	0.02	39.279	-94.4835
64158	5161	2156	7839103	11730	3.027	0.005	39.23432	-94.4855
64161	388	174	40904691	2557113	15.793	0.987	39.15849	-94.4508
64163	689	417	22285114	34527	8.604	0.013	39.34456	-94.6882
64164	302	128	26653353	16940	10.291	0.007	39.32942	-94.6271
64165	112	44	10994635	0	4.245	0	39.32143	-94.5763

64166	278	109	12863322	0	4.967	0	39.32207	-94.5231
64167	353	124	3548624	126541	1.37	0.049	39.32059	-94.4871
64192	15	9	640269	0	0.247	0	38.96046	-94.522
64401	1417	557	97319984	1282464	37.575	0.495	39.63335	-94.7156
64402	2388	1198	3.51E+08	209614	135.704	0.081	40.25717	-94.3273
64420	53	35	1470351	0	0.568	0	40.48534	-94.2887
64421	952	454	71420069	1706654	27.575	0.659	39.91233	-94.9359
64422	337	151	84362109	500442	32.572	0.193	39.88593	-94.4989
64423	761	356	1.93E+08	81696	74.57	0.032	40.19287	-94.8517
64424	4585	2132	4.57E+08	2702223	176.54	1.043	40.26189	-94.0361
64426	356	193	1.35E+08	222320	52.128	0.086	40.52171	-93.8595
64427	606	283	1.59E+08	791213	61.31	0.305	40.11136	-94.8332
64428	898	438	2.51E+08	725989	96.95	0.28	40.43661	-95.0939
64429	13158	4317	4.06E+08	3071888	156.94	1.186	39.73673	-94.2258
64430	764	357	1.07E+08	954338	41.162	0.368	39.83899	-94.5655
64431	382	221	1.27E+08	213031	48.885	0.082	40.52819	-94.9963
64432	141	30	544513	0	0.21	0	40.26349	-94.6687
64433	210	30	1941542	26931	0.75	0.01	40.23868	-94.6781
64434	518	218	91014832	0	35.141	0	40.26186	-94.7335
64436	781	315	83041085	1273721	32.062	0.492	39.85773	-94.6919
64437	792	742	4.02E+08	10527216	155.232	4.065	40.12239	-95.3475
64438	270	128	1.21E+08	16101	46.65	0.006	40.15858	-94.4138
64439	1642	745	1.38E+08	704862	53.258	0.272	39.52441	-94.7534
64440	737	295	97608981	97317	37.687	0.038	39.58513	-94.9103
64441	178	132	1.32E+08	25918	51.095	0.01	40.39292	-94.2713
64442	882	366	2.16E+08	1558504	83.257	0.602	40.4899	-94.0115
64443	1096	487	1.26E+08	1210514	48.665	0.467	39.74289	-94.6532
64444	1340	566	90600162	230004	34.981	0.089	39.48543	-94.648
64445	312	159	1.09E+08	16689	42.222	0.006	40.54024	-95.1491
64446	1117	594	3.78E+08	2269711	146.08	0.876	40.31679	-95.4222
64448	1104	467	98674733	323044	38.099	0.125	39.59675	-94.8228
64449	451	209	1.03E+08	233190	39.685	0.09	40.0412	-94.9785
64451	446	237	1.2E+08	5422509	46.236	2.094	40.0015	-95.1937
64453	217	105	97396788	0	37.605	0	40.34502	-94.4802
64454	2667	1073	1.7E+08	551619	65.786	0.213	39.5965	-94.5926
64455	368	188	1.35E+08	144873	52.26	0.056	40.18057	-95.005
64456	1459	844	4.37E+08	305658	168.746	0.118	40.49314	-94.3911
64457	329	157	1.03E+08	81909	39.852	0.032	40.16271	-94.6824
64458	145	82	1.58E+08	876496	60.831	0.338	40.51496	-94.1452
64459	472	232	63877870	578075	24.663	0.223	39.92894	-94.6494
64461	897	441	2E+08	182459	77.164	0.07	40.52159	-94.8072
64463	1643	767	3.57E+08	2272253	137.89	0.877	40.0626	-94.4826
64465	4251	1886	2.47E+08	1182783	95.428	0.457	39.5499	-94.2876
64466	541	266	1.51E+08	441610	58.351	0.171	40.16622	-95.1063
64467	186	101	1.14E+08	636387	44.2	0.246	40.40166	-94.1629
64468	16023	6029	3.75E+08	644822	144.626	0.249	40.34355	-94.881
64469	2339	1014	3.16E+08	2766739	121.9	1.068	39.91869	-94.365

64470	1631	819	1.97E+08	1153736	75.92	0.445	40.16011	-95.2292
64471	483	263	1.08E+08	594671	41.845	0.23	40.2532	-94.1929
64473	1457	720	2.83E+08	2282467	109.455	0.881	39.97926	-95.0762
64474	820	388	1.54E+08	1862515	59.508	0.719	39.75531	-94.3796
64475	468	258	1.83E+08	48091	70.749	0.019	40.43628	-94.6236
64476	379	190	77775741	65556	30.029	0.025	40.45297	-94.8306
64477	3404	1533	2.34E+08	1584920	90.27	0.612	39.57556	-94.4528
64479	906	400	1.77E+08	1993	68.417	0.001	40.33399	-94.647
64480	307	140	73134963	629805	28.238	0.243	40.05412	-94.7055
64481	1088	586	3.26E+08	2408420	125.852	0.93	40.35395	-93.8877
64482	2101	1062	3.19E+08	859953	123.148	0.332	40.46497	-95.5464
64483	709	298	95791779	527954	36.985	0.204	40.03889	-94.8391
64484	1229	582	1.87E+08	8443243	72.384	3.26	39.5612	-95.0171
64485	8124	3376	2.67E+08	2168935	103.211	0.837	39.94998	-94.8182
64486	455	266	1.52E+08	263362	58.519	0.102	40.53039	-94.6244
64487	757	408	3.49E+08	180197	134.9	0.07	40.30094	-95.0959
64489	2198	917	3.24E+08	25166	125.098	0.01	40.23689	-94.5473
64490	2056	891	2.4E+08	1104735	92.493	0.427	39.73122	-94.5147
64491	1875	1000	2.92E+08	111105	112.797	0.043	40.44605	-95.3581
64492	1782	733	78351697	10537115	30.252	4.068	39.47067	-94.5326
64493	460	209	71030956	0	27.425	0	39.63505	-94.3182
64494	1018	459	1.56E+08	1151976	60.081	0.445	39.98941	-94.6096
64496	154	90	86987383	2475005	33.586	0.956	40.48116	-95.6459
64497	598	256	1.08E+08	925666	41.64	0.357	39.93046	-94.2199
64498	375	204	1.94E+08	0	74.791	0	40.53961	-95.3219
64499	119	68	26753176	0	10.329	0	40.39386	-94.4398
64501	12503	5914	9354543	599460	3.612	0.231	39.76544	-94.8444
64503	12921	5730	39160873	768624	15.12	0.297	39.74888	-94.8437
64504	10763	4657	1.19E+08	4249383	46.057	1.641	39.69125	-94.9059
64505	13161	5546	1.17E+08	1368897	45.149	0.529	39.84678	-94.8239
64506	24030	9627	28489618	153757	11	0.059	39.78992	-94.8033
64507	13738	5993	1.47E+08	2334269	56.783	0.901	39.72851	-94.7635
64601	12438	5385	6.21E+08	7101701	239.864	2.742	39.80538	-93.5791
64620	466	288	47324100	925378	18.272	0.357	39.89453	-94.09
64622	600	293	1.7E+08	199984	65.676	0.077	39.49255	-93.5427
64623	609	321	1.82E+08	1109499	70.249	0.428	39.4696	-93.3337
64624	1662	780	2.98E+08	888343	114.965	0.343	39.56236	-93.7845
64625	644	348	1.77E+08	1542547	68.216	0.596	39.74404	-93.8029
64628	6144	3015	3.95E+08	3635779	152.403	1.404	39.79617	-93.0415
64630	602	331	2.61E+08	1636673	100.829	0.632	40.03769	-93.1567
64631	902	515	1.98E+08	441163	76.381	0.17	39.82425	-92.8661
64632	629	388	2.5E+08	534698	96.623	0.206	40.46899	-93.7668
64633	5216	2556	5.98E+08	9434349	231.013	3.643	39.35686	-93.4845
64635	515	244	1.52E+08	694102	58.68	0.268	39.95278	-93.4338
64636	299	146	62307783	262959	24.057	0.102	40.1101	-93.9805
64637	667	353	2.13E+08	891507	82.415	0.344	39.558	-93.9151
64638	521	246	1.71E+08	222474	65.89	0.086	39.61764	-93.6201

64639	240	123	1.04E+08	4364437	40.127	1.685	39.39173	-93.2228
64640	3140	1738	3.63E+08	5502812	140.237	2.125	39.89565	-93.9351
64641	666	339	1.96E+08	1381655	75.754	0.533	40.17589	-93.3996
64642	855	475	2.93E+08	877254	113.266	0.339	40.17079	-93.8364
64643	1072	556	2.84E+08	3296928	109.609	1.273	39.61305	-93.3692
64644	3024	1344	2.85E+08	2645582	110.004	1.021	39.73544	-93.9752
64645	195	121	1.14E+08	506389	44.023	0.196	40.30007	-93.3223
64646	297	172	1.49E+08	1058031	57.407	0.409	40.09903	-93.309
64647	379	198	1.32E+08	1009572	50.83	0.39	40.03114	-93.9847
64648	2129	823	3.03E+08	1366623	116.939	0.528	39.98906	-93.8027
64649	864	360	94950729	884069	36.661	0.341	39.77335	-94.0864
64650	727	318	1.06E+08	883872	40.914	0.341	39.63566	-94.0715
64651	570	311	1.12E+08	1353097	43.26	0.522	39.7668	-93.1857
64652	441	223	1.17E+08	925653	45.298	0.357	40.02151	-93.4182
64653	687	344	2.39E+08	2212373	92.354	0.854	39.89726	-93.2121
64654	52	28	7193077	159661	2.777	0.062	39.84034	-93.7732
64655	264	153	1.86E+08	531161	71.843	0.205	40.44653	-93.2575
64656	240	158	52261916	760	20.178	0	39.67691	-93.6928
64657	323	204	1.69E+08	300019	65.151	0.116	40.12909	-94.2238
64658	3277	1627	2.45E+08	2146884	94.59	0.829	39.66297	-92.9173
64659	964	425	1.91E+08	3532975	73.822	1.364	39.78462	-93.2986
64660	513	272	2.06E+08	7065598	79.608	2.728	39.56452	-93.0987
64661	916	657	2.67E+08	1445455	103.186	0.558	40.53631	-93.517
64664	350	171	1.32E+08	1240874	50.885	0.479	39.74971	-93.6513
64667	395	195	2.31E+08	741613	89.257	0.286	40.38574	-93.3313
64668	1416	714	3.97E+08	1794964	153.1	0.693	39.35507	-93.7044
64670	1090	509	3.3E+08	3370800	127.318	1.301	40.04777	-94.1417
64671	2062	1237	2.2E+08	871833	85.092	0.337	39.53188	-94.0508
64672	251	137	1.81E+08	451135	69.894	0.174	40.54484	-93.2551
64673	2492	1258	6.2E+08	1497789	239.306	0.578	40.37431	-93.5869
64674	428	241	1.52E+08	944099	58.787	0.365	39.96263	-93.1377
64676	215	110	72921148	305387	28.155	0.118	39.63846	-93.0585
64679	805	358	2.26E+08	322399	87.369	0.124	40.23751	-93.5803
64681	192	170	1.14E+08	8572206	43.834	3.31	39.64552	-93.2305
64682	378	176	91540145	69658	35.344	0.027	39.55012	-93.4906
64683	8144	4048	5.92E+08	4677067	228.689	1.806	40.0784	-93.601
64686	271	122	4199550	114232	1.621	0.044	39.74896	-93.6243
64688	548	240	1.54E+08	4119587	59.632	1.591	39.81713	-93.3751
64689	683	304	89205138	822382	34.442	0.318	39.87256	-94.1501
64701	14385	5845	3.04E+08	2143646	117.325	0.828	38.62451	-94.3293
64720	3843	1676	3.39E+08	1821517	130.881	0.703	38.40467	-94.3435
64722	525	239	98934974	1185713	38.199	0.458	38.27807	-94.5425
64723	665	308	1.17E+08	974182	45.142	0.376	38.36164	-94.5596
64724	1859	959	3.18E+08	3292311	122.728	1.271	38.15321	-94.0066
64725	2271	917	1.53E+08	1639519	58.987	0.633	38.49066	-94.3727
64726	467	236	1.15E+08	1124682	44.282	0.434	38.52715	-93.9219
64728	594	271	1.98E+08	1632551	76.537	0.63	37.70305	-94.5238

64730	7109	3354	7.38E+08	5639371	284.821	2.177	38.25926	-94.3003
64733	1159	529	1.89E+08	448254	73.102	0.173	38.58482	-93.8272
64734	2004	788	1.11E+08	593777	42.818	0.229	38.65473	-94.5593
64735	13258	6509	6.82E+08	49882985	263.229	19.26	38.36781	-93.7436
64738	1149	609	2.08E+08	1611453	80.315	0.622	37.90166	-93.6517
64739	997	434	1.33E+08	137290	51.177	0.053	38.51128	-94.0966
64740	1884	1130	2.49E+08	28670402	96.176	11.07	38.22619	-93.7038
64741	351	157	84713394	774983	32.708	0.299	37.81823	-94.5623
64742	2193	958	1.96E+08	1115882	75.742	0.431	38.5081	-94.5412
64743	292	111	770145	0	0.297	0	38.66845	-94.2323
64744	7836	3867	6.47E+08	11957197	249.856	4.617	37.8482	-93.9789
64745	117	63	8133946	318032	3.141	0.123	38.17189	-94.4972
64746	1428	630	80296353	790305	31.003	0.305	38.6021	-94.4967
64747	3910	1637	3.11E+08	2091393	120.12	0.807	38.57883	-94.1822
64748	1493	733	2.76E+08	1264193	106.736	0.488	37.35967	-94.0907
64750	423	194	80847114	775106	31.215	0.299	37.9409	-94.1017
64752	735	341	1.74E+08	3526319	67.23	1.362	38.06502	-94.5635
64755	2596	1147	3.91E+08	2191616	150.945	0.846	37.33742	-94.3087
64756	742	401	1.63E+08	409183	62.796	0.158	37.61905	-94.0155
64759	8244	3662	6.83E+08	5562101	263.734	2.148	37.52122	-94.257
64761	1493	658	1.86E+08	464184	71.734	0.179	38.60155	-93.6831
64762	1604	744	3.41E+08	2113941	131.541	0.816	37.54666	-94.5015
64763	1568	1007	2.09E+08	15498163	80.645	5.984	38.14355	-93.7019
64765	44	28	249598	1636	0.096	0.001	37.99589	-94.4438
64767	821	358	1.48E+08	836227	56.962	0.323	37.73736	-94.2015
64769	611	272	1.02E+08	1868550	39.261	0.721	37.48069	-94.5683
64770	1056	552	2.98E+08	9834819	115.198	3.797	38.28146	-93.9895
64771	610	281	1.06E+08	450789	40.763	0.174	37.75022	-94.4703
64772	13596	6138	3.59E+08	3044641	138.512	1.176	37.83257	-94.3347
64776	3942	2307	6.21E+08	45570728	239.939	17.595	38.04839	-93.6635
64778	702	281	3.03E+08	4323861	116.804	1.669	37.91936	-94.4794
64779	2693	1236	4.95E+08	17278457	191.012	6.671	38.09202	-94.3962
64780	639	377	2.53E+08	13092886	97.636	5.055	38.0592	-94.047
64781	106	69	2700032	406369	1.042	0.157	37.98152	-93.8126
64783	775	396	1.62E+08	11472146	62.555	4.429	38.00524	-94.1094
64784	1500	664	2.87E+08	1183188	110.677	0.457	37.66465	-94.2342
64788	1415	685	2.72E+08	3487504	105.007	1.347	38.42391	-94.0195
64790	861	373	2.06E+08	2667643	79.62	1.03	37.92703	-94.2206
64801	34753	16039	1.52E+08	70799	58.716	0.027	37.10978	-94.4962
64804	37521	16825	2.36E+08	1540312	91.176	0.595	37.02243	-94.5094
64830	639	281	3683381	0	1.422	0	37.23139	-94.4104
64831	5879	2527	3.05E+08	37079	117.651	0.014	36.65687	-94.456
64832	731	347	1.84E+08	2560552	70.897	0.989	37.34021	-94.5736
64833	125	54	506308	0	0.195	0	37.19381	-94.1298
64834	9556	3580	82017761	411882	31.667	0.159	37.18788	-94.5736
64835	1899	804	6222247	0	2.402	0	37.14844	-94.4375
64836	23940	9671	4.72E+08	1908813	182.111	0.737	37.18926	-94.2793

64840	2813	1140	1.32E+08	269172	50.898	0.104	37.01657	-94.3361
64841	384	173	1001009	0	0.386	0	37.07835	-94.4168
64842	829	349	57787591	27863	22.312	0.011	36.78901	-94.106
64843	3259	1375	1.48E+08	0	56.996	0	36.7339	-94.4439
64844	4680	1941	1.69E+08	491503	65.232	0.19	36.91623	-94.2386
64847	437	220	10182371	0	3.931	0	36.59398	-94.441
64848	744	290	1.18E+08	803502	45.414	0.31	37.17178	-93.9896
64849	186	81	1016654	0	0.393	0	37.2549	-94.4449
64850	24063	9940	5.3E+08	1074132	204.816	0.415	36.86053	-94.4017
64854	4170	1779	1.75E+08	264987	67.492	0.102	36.54599	-94.4559
64855	2795	1078	1.12E+08	522378	43.326	0.202	37.29548	-94.4853
64856	4251	1857	2.61E+08	40970	100.734	0.016	36.56595	-94.2699
64857	424	174	1559406	0	0.602	0	37.24585	-94.4386
64858	166	73	1047179	52476	0.404	0.02	36.90118	-94.5305
64859	1358	547	1.34E+08	110283	51.619	0.043	37.16276	-94.138
64861	1179	515	1.47E+08	48889	56.852	0.019	36.69535	-94.1541
64862	3337	1453	2.17E+08	1590804	83.731	0.614	37.10067	-94.1195
64863	1828	749	80358029	60666	31.026	0.023	36.55937	-94.5833
64865	5997	2399	2.01E+08	124370	77.667	0.048	36.84268	-94.5813
64866	1484	610	1.46E+08	530425	56.412	0.205	36.86958	-94.1564
64867	1440	654	1.49E+08	204626	57.594	0.079	36.72804	-94.2351
64870	14325	5829	88082755	145626	34.009	0.056	37.18292	-94.4778
64873	1072	430	1.11E+08	249732	42.937	0.096	37.0134	-94.0457
64874	760	360	5344594	2577	2.064	0.001	36.75847	-94.0543
65001	414	189	48132604	150474	18.584	0.058	38.29023	-92.0103
65010	5704	2350	1.57E+08	459129	60.776	0.177	38.79327	-92.2372
65011	2374	1374	2.07E+08	4476194	80.032	1.728	38.38907	-92.7133
65013	3515	1782	3.19E+08	1720214	123.025	0.664	38.28477	-91.7623
65014	2252	1257	3.39E+08	1493718	130.89	0.577	38.31618	-91.6311
65016	1376	605	1.3E+08	2696167	50.262	1.041	38.56008	-91.9339
65017	1549	710	1.51E+08	1670858	58.291	0.645	38.09231	-92.4945
65018	7714	3300	4.23E+08	2593853	163.381	1.001	38.6202	-92.5636
65020	14286	9927	3.23E+08	26542154	124.779	10.248	38.00624	-92.7806
65023	1730	793	1.39E+08	2225661	53.795	0.859	38.6539	-92.3963
65024	1086	611	2.6E+08	5765470	100.308	2.226	38.61925	-91.7564
65025	786	352	1.22E+08	314616	47.178	0.121	38.67595	-92.69
65026	11551	5609	3.73E+08	2974648	144.182	1.149	38.32436	-92.5648
65032	1792	718	1.48E+08	1300893	57.333	0.502	38.34657	-92.3784
65034	679	265	88848365	60916	34.305	0.024	38.55968	-92.8181
65035	1826	782	2.07E+08	576319	79.955	0.223	38.36382	-91.947
65037	4938	5573	2.11E+08	22112083	81.471	8.538	38.24342	-92.8491
65039	2328	1027	1.53E+08	4070585	58.958	1.572	38.71108	-92.2966
65040	1208	578	1.08E+08	1254344	41.858	0.484	38.34824	-92.2844
65041	5725	3384	6.08E+08	9825093	234.856	3.793	38.633	-91.4898
65043	9452	4036	1.36E+08	1974300	52.391	0.762	38.62345	-92.1028
65046	1194	562	1.93E+08	3396192	74.527	1.311	38.78649	-92.4884
65047	1351	877	83849869	3075742	32.375	1.188	38.15097	-92.5784

65048	154	76	51681039	107148	19.954	0.041	38.37312	-92.0406
65049	6618	8517	50320046	25581044	19.429	9.877	38.1995	-92.6748
65050	755	216	59618453	150543	23.019	0.058	38.54365	-92.6878
65051	4874	2177	3.13E+08	1136654	120.964	0.439	38.46917	-91.7972
65052	3446	1924	1.33E+08	12644268	51.523	4.882	38.08349	-92.6173
65053	1425	585	90932289	22898	35.109	0.009	38.52705	-92.379
65054	835	369	65576638	200405	25.319	0.077	38.48899	-91.9494
65058	1017	480	2.47E+08	1109518	95.29	0.428	38.24962	-92.1279
65059	867	364	95077979	4004802	36.71	1.546	38.70066	-91.8676
65061	746	577	1.32E+08	5382720	50.983	2.078	38.5995	-91.6355
65062	49	57	10251997	810068	3.958	0.313	38.50404	-91.6592
65063	3412	1398	2.26E+08	1786579	87.394	0.69	38.72126	-92.0876
65064	578	262	46934767	24171	18.122	0.009	38.40285	-92.4714
65065	6414	8216	40520109	14388796	15.645	5.556	38.13493	-92.6629
65066	6703	3262	5.17E+08	3799374	199.562	1.467	38.34948	-91.4848
65067	379	269	1.14E+08	1024981	44.137	0.396	38.7662	-91.7031
65068	827	364	1.16E+08	76811	44.707	0.03	38.82575	-92.6148
65069	645	409	1.94E+08	6785783	75.032	2.62	38.75301	-91.5898
65072	1847	2721	48926645	8993017	18.891	3.472	38.26677	-92.7294
65074	3061	1284	2.38E+08	755658	91.885	0.292	38.4843	-92.4681
65075	784	335	1.18E+08	972970	45.682	0.376	38.25049	-92.2575
65076	829	298	66986030	1618154	25.863	0.625	38.37949	-92.1941
65077	561	326	75333590	906169	29.086	0.35	38.7722	-91.8126
65078	3743	3078	3.94E+08	13820526	152.157	5.336	38.38949	-93.0222
65079	4729	6349	78390861	27749826	30.267	10.714	38.15029	-92.7483
65080	1015	443	1.09E+08	4302324	42.099	1.661	38.63626	-91.9789
65081	3928	1267	1.71E+08	445013	65.883	0.172	38.64443	-92.7823
65082	1127	498	1.74E+08	3069224	67.35	1.185	38.21931	-92.4214
65083	375	161	39009236	43033	15.062	0.017	38.14091	-92.441
65084	6797	3223	4.37E+08	1232656	168.805	0.476	38.43424	-92.8561
65085	1240	519	1.45E+08	2353503	55.991	0.909	38.39765	-92.0845
65101	30587	12197	3.44E+08	14807502	132.78	5.717	38.49577	-92.1345
65109	38090	16982	2.13E+08	4584225	82.179	1.77	38.57416	-92.2779
65201	39417	15571	2.22E+08	799386	85.528	0.309	38.90094	-92.2384
65202	46547	20485	3.86E+08	1886661	148.869	0.728	39.02037	-92.2965
65203	53307	23790	2E+08	4749192	77.252	1.834	38.88432	-92.3986
65215	203	0	22985	0	0.009	0	38.95317	-92.3209
65230	703	347	1.77E+08	427284	68.464	0.165	39.29055	-92.7026
65231	3334	1514	3.21E+08	2318760	123.885	0.895	39.01654	-91.8978
65232	249	129	63974660	298963	24.701	0.115	39.1607	-91.756
65233	11703	4749	3.62E+08	6312792	139.802	2.437	38.9171	-92.7281
65236	1404	740	1.93E+08	3750637	74.338	1.448	39.44054	-93.066
65237	907	437	2.46E+08	161981	94.876	0.063	38.76664	-92.7936
65239	1309	598	1.41E+08	1247054	54.474	0.481	39.53352	-92.432
65240	7590	3169	4.61E+08	1650352	177.837	0.637	39.22064	-92.1256
65243	2806	891	2.55E+08	539383	98.647	0.208	39.26843	-92.3544
65244	412	215	1.73E+08	3135841	66.961	1.211	39.4848	-92.6595

65246	101	71	83559477	4116802	32.262	1.59	39.3789	-92.9966
65247	616	314	1.26E+08	2648556	48.559	1.023	39.63506	-92.4706
65248	4619	1966	4.37E+08	4255500	168.88	1.643	39.13861	-92.6601
65250	617	287	1.4E+08	5369820	53.925	2.073	39.0301	-92.8401
65251	22437	8694	5.58E+08	7169356	215.544	2.768	38.84185	-91.9771
65254	1810	872	2.74E+08	9717485	105.926	3.752	39.21038	-92.8534
65255	3731	1511	1.41E+08	172170	54.289	0.066	39.10256	-92.2184
65256	1787	715	1.3E+08	172684	50.059	0.067	39.12099	-92.4565
65257	1564	775	2.16E+08	689681	83.562	0.266	39.28709	-92.5338
65258	500	245	1.35E+08	780274	51.977	0.301	39.52024	-92.1352
65259	2858	1240	2.69E+08	6898518	103.986	2.664	39.47671	-92.5697
65260	574	253	1.2E+08	172424	46.315	0.067	39.58063	-92.3859
65261	1094	693	2.25E+08	3687490	86.769	1.424	39.47521	-92.9334
65262	955	389	1.26E+08	1242771	48.54	0.48	38.96014	-91.9553
65263	1948	891	3.51E+08	1054777	135.628	0.407	39.46187	-92.2202
65264	720	344	1.38E+08	1113747	53.209	0.43	39.08831	-91.6856
65265	15409	7050	5.86E+08	5904222	226.33	2.28	39.20337	-91.8854
65270	17681	7278	2.96E+08	1563733	114.136	0.604	39.41364	-92.395
65274	1710	815	1.32E+08	3797268	51.114	1.466	39.0158	-92.6862
65275	2535	1402	4.57E+08	6426057	176.49	2.481	39.45307	-91.995
65276	1609	720	2.52E+08	344129	97.246	0.133	38.84957	-92.9526
65278	123	52	292673	0	0.113	0	39.34158	-92.4106
65279	1766	793	1.42E+08	2197401	54.978	0.848	39.00139	-92.5285
65280	243	110	50361962	194456	19.445	0.075	39.24287	-91.737
65281	3098	1486	5.31E+08	3990207	205.196	1.541	39.46824	-92.7988
65282	178	144	31853282	1685080	12.299	0.651	39.38793	-91.823
65283	387	417	1.48E+08	36874363	57.162	14.237	39.50927	-91.8275
65284	2361	1010	1.74E+08	716370	67.07	0.277	39.20641	-92.2933
65285	695	301	1.46E+08	910824	56.189	0.352	39.27173	-91.9998
65286	129	88	1.17E+08	2302473	45.018	0.889	39.50757	-93.2203
65287	422	211	81384757	2978148	31.423	1.15	38.8863	-92.5301
65301	34267	15029	6.23E+08	5111129	240.656	1.973	38.69827	-93.2257
65305	2538	784	14813253	25627	5.719	0.01	38.7331	-93.5532
65320	56	61	345226	0	0.133	0	39.07	-92.9472
65321	417	200	87581217	116195	33.815	0.045	39.09262	-93.4686
65322	587	281	1.4E+08	3240484	54.142	1.251	38.98209	-92.952
65323	976	455	1.47E+08	5044314	56.624	1.948	38.4439	-93.6175
65324	1634	1778	1.72E+08	11909532	66.52	4.598	38.12681	-93.0299
65325	3171	1505	3.93E+08	1247729	151.715	0.482	38.43977	-93.1892
65326	1996	2617	3.55E+08	12771414	137.222	4.931	38.16584	-93.1392
65327	227	105	993588	0	0.384	0	38.97397	-93.4953
65329	494	214	83652481	17860	32.298	0.007	38.62103	-92.9667
65330	412	203	1.2E+08	4937779	46.514	1.906	39.21773	-92.9529
65332	1652	659	2.31E+08	962346	89.186	0.372	38.62422	-93.4148
65333	759	327	1.61E+08	891535	62.314	0.344	38.90077	-93.3199
65334	935	347	1.77E+08	635462	68.181	0.245	38.84531	-93.2269
65335	196	102	32936920	98575	12.717	0.038	38.50471	-93.3421

65336	5981	2693	3.02E+08	1574100	116.473	0.608	38.79271	-93.5754
65337	1899	775	2.14E+08	1087723	82.642	0.42	38.79449	-93.4314
65338	3046	2013	3.05E+08	7892717	117.935	3.047	38.36355	-93.2799
65339	712	313	2.42E+08	5671031	93.26	2.19	39.19592	-93.3747
65340	15937	6458	6.69E+08	2905308	258.212	1.122	39.09086	-93.183
65344	332	158	1.94E+08	6258329	74.747	2.416	39.31387	-93.1922
65345	387	163	69535920	102834	26.848	0.04	38.53789	-93.1269
65347	681	340	2.02E+08	2889856	78.173	1.116	38.98893	-93.0403
65348	1350	618	1.91E+08	115079	73.772	0.044	38.71402	-92.9742
65349	2441	1292	2.46E+08	5154983	95.134	1.99	39.23047	-93.0455
65350	1822	755	1.79E+08	699686	69.296	0.27	38.64597	-93.0907
65351	2525	1163	3.05E+08	2426140	117.891	0.937	38.99427	-93.3812
65354	628	266	67094329	8508	25.905	0.003	38.65394	-92.8764
65355	10519	8572	5.97E+08	99043958	230.448	38.241	38.21955	-93.3669
65360	4752	2099	4E+08	3434655	154.496	1.326	38.51641	-93.5176
65401	32383	13795	6.85E+08	2341411	264.528	0.904	37.90004	-91.7686
65436	91	47	53845736	36122	20.79	0.014	37.6238	-91.9636
65438	2980	1409	8.46E+08	477333	326.553	0.184	36.93134	-91.5011
65439	259	128	1.03E+08	931988	39.614	0.36	37.65528	-91.07
65440	527	263	2.14E+08	1650613	82.57	0.637	37.61993	-91.1727
65441	5194	2416	4.54E+08	688842	175.385	0.266	38.09638	-91.159
65443	96	52	22182874	70197	8.565	0.027	38.13168	-92.0946
65444	1087	544	2.12E+08	533540	81.904	0.206	37.37911	-92.0572
65446	331	174	99769687	37416	38.521	0.014	37.77781	-91.2813
65449	351	218	1.25E+08	22239	48.399	0.009	37.85203	-91.4947
65452	3315	1489	2.4E+08	715725	92.825	0.276	37.96689	-92.2661
65453	8548	4349	3.56E+08	1653162	137.609	0.638	38.10649	-91.4398
65456	518	286	1.67E+08	33268	64.509	0.013	37.78461	-91.1898
65457	338	152	49207610	991386	18.999	0.383	37.81011	-92.0595
65459	8233	3724	6.07E+08	3729046	234.434	1.44	38.02972	-92.0967
65461	105	52	47361974	678025	18.287	0.262	37.67673	-92.0437
65462	1593	725	2.45E+08	95559	94.502	0.037	37.68338	-91.8488
65463	1011	478	1.78E+08	546049	68.736	0.211	37.85362	-92.7843
65464	492	271	1.51E+08	40285	58.263	0.016	37.18658	-91.8998
65466	1634	923	4.84E+08	123232	186.793	0.048	37.20546	-91.3484
65468	102	50	31403028	0	12.125	0	37.24993	-91.7902
65470	923	448	2.76E+08	1483686	106.515	0.573	37.54743	-92.4018
65473	15059	2013	2.56E+08	1829615	98.973	0.706	37.70643	-92.1545
65479	441	218	2.22E+08	47293	85.565	0.018	37.34203	-91.6361
65483	4737	2279	2.74E+08	957804	105.689	0.37	37.29897	-91.9551
65484	186	95	64087777	23001	24.744	0.009	37.35622	-92.227
65486	3423	1522	3.31E+08	98056	127.842	0.038	38.10829	-92.3281
65501	163	97	48037372	7597	18.547	0.003	37.46213	-91.5662
65529	232	127	1519468	286680	0.587	0.111	37.92917	-92.01
65534	1029	431	1.06E+08	336136	40.938	0.13	37.69028	-92.2843
65535	1673	791	1.12E+08	126749	43.262	0.049	38.07	-91.2742
65536	28874	12903	1.05E+09	5370449	406.224	2.074	37.6877	-92.6445

65541	236	113	43786134	78623	16.906	0.03	37.65186	-91.7722
65542	6776	2424	5.63E+08	1321247	217.376	0.51	37.49571	-91.8837
65543	431	184	1.6E+08	185990	61.643	0.072	37.46187	-92.2893
65548	5908	2726	4.14E+08	555704	159.98	0.215	37.01309	-91.7127
65550	3127	1593	4.67E+08	2696008	180.376	1.041	37.82269	-91.9545
65552	2013	911	3.85E+08	1106969	148.498	0.427	37.53517	-92.1659
65555	1087	565	2.1E+08	4301	81.218	0.002	37.36758	-91.767
65556	5869	2716	5.88E+08	3712152	227.154	1.433	37.83541	-92.4088
65557	166	76	13459459	13561	5.197	0.005	37.50981	-92.101
65559	9385	4057	4.86E+08	2282081	187.565	0.881	38.02485	-91.6101
65560	14392	6742	1.77E+09	4004294	684.579	1.546	37.59662	-91.5039
65564	220	93	29442104	15994	11.368	0.006	37.22737	-91.9688
65565	5854	2797	7.03E+08	550368	271.53	0.212	37.89363	-91.2422
65566	772	376	13104207	30355	5.06	0.012	37.72073	-91.1266
65567	1253	578	1.58E+08	281761	60.948	0.109	37.86513	-92.5357
65570	528	242	74765698	41973	28.867	0.016	37.45263	-92.0948
65571	2134	1045	4.71E+08	191081	181.786	0.074	37.18625	-91.623
65580	829	413	1.43E+08	748755	55.041	0.289	38.11649	-91.7898
65582	2181	1163	3.54E+08	3262118	136.711	1.26	38.19605	-91.9236
65583	12307	4992	1.66E+08	1879417	63.958	0.726	37.82273	-92.2555
65584	9855	4165	60821178	141953	23.483	0.055	37.8282	-92.1312
65586	33	28	4225625	0	1.632	0	37.84959	-91.4317
65588	2680	1213	5.26E+08	272834	203.014	0.105	36.98175	-91.273
65589	188	90	28633651	0	11.056	0	37.24548	-91.8382
65590	1231	583	1.76E+08	944307	68.117	0.365	37.60615	-92.9513
65591	1512	668	1.3E+08	1510	50.19	0.001	37.93845	-92.6407
65601	812	440	1.3E+08	16973246	50.143	6.553	37.53986	-93.588
65603	206	131	59952204	5996583	23.148	2.315	37.55677	-93.8652
65604	3746	1625	2.21E+08	385317	85.453	0.149	37.26991	-93.5985
65605	12136	5451	4.13E+08	1157405	159.448	0.447	36.77172	-93.6547
65606	3613	1765	5.28E+08	1868328	203.792	0.721	36.69726	-91.3594
65608	9403	4462	1.12E+09	861746	431.848	0.333	36.89875	-92.6776
65609	778	365	91759221	513177	35.428	0.198	36.54253	-92.1517
65610	5239	2161	2.3E+08	341481	88.841	0.132	37.03076	-93.5309
65611	1969	1409	77004537	16616545	29.732	6.416	36.54985	-93.3721
65612	1354	596	91798207	90547	35.443	0.035	37.21524	-93.5401
65613	17396	7269	4.88E+08	3711696	188.506	1.433	37.6369	-93.3964
65614	591	271	2.16E+08	947	83.359	0	36.75447	-92.9092
65616	24284	15673	1.92E+08	12503900	74.105	4.828	36.66937	-93.2489
65617	1630	667	75861591	154785	29.29	0.06	37.43807	-93.336
65618	148	94	71830684	155720	27.734	0.06	36.73314	-92.3597
65619	7393	3048	49472040	159486	19.101	0.062	37.12172	-93.3947
65620	262	102	27221665	17648	10.51	0.007	37.02263	-92.9446
65622	8716	3980	4.16E+08	1259720	160.561	0.486	37.63302	-93.1036
65623	36	13	45406	0	0.018	0	36.74882	-93.9064
65624	1577	1046	1.44E+08	8552481	55.769	3.302	36.7302	-93.5663
65625	8328	3750	4.11E+08	1857358	158.497	0.717	36.67407	-93.8165

65626	1637	814	2.69E+08	357190	103.67	0.138	36.59494	-92.1309
65627	460	491	1.4E+08	10051755	54.076	3.881	36.56469	-93.0309
65629	574	277	1.77E+08	5804	68.245	0.002	36.89149	-93.0006
65630	310	138	25361062	1216	9.792	0	36.83296	-93.2137
65631	4678	1864	1.11E+08	427887	42.856	0.165	37.0007	-93.424
65632	2939	1239	2.69E+08	482841	103.846	0.186	37.49791	-92.8099
65633	4131	1788	2.2E+08	472193	84.859	0.182	36.89478	-93.5347
65634	766	461	2.06E+08	1661509	79.598	0.642	38.0154	-93.1946
65635	541	288	98527246	18520215	38.042	7.151	37.53174	-93.7171
65637	1135	575	2.36E+08	826988	91.055	0.319	36.75934	-92.2002
65638	461	263	1.39E+08	230223	53.686	0.089	36.83821	-92.3223
65640	887	362	1.05E+08	304370	40.686	0.118	37.69847	-93.5668
65641	1250	956	1.23E+08	7688576	47.587	2.969	36.54377	-93.7692
65644	2759	1197	2.09E+08	718980	80.77	0.278	37.51094	-93.0382
65646	2046	954	2.72E+08	2317313	105.162	0.895	37.33345	-93.7032
65647	2347	1022	1.45E+08	263470	55.83	0.102	36.69255	-94.0074
65648	5614	2326	2.03E+08	295179	78.305	0.114	37.40885	-93.1671
65649	1593	779	1.6E+08	15809872	61.68	6.104	37.61727	-93.6232
65650	1520	1013	1.86E+08	6229644	71.708	2.405	37.81399	-93.4419
65652	4157	1491	1.87E+08	246560	72.257	0.095	37.13395	-92.9488
65653	5708	2930	1.66E+08	3397482	64.253	1.312	36.84083	-93.1404
65654	159	89	2840550	1016	1.097	0	37.0222	-93.9096
65655	3186	1579	5.41E+08	2524103	208.798	0.975	36.5959	-92.4255
65656	4929	2836	3.04E+08	13102821	117.25	5.059	36.79377	-93.4678
65657	94	39	45922764	36222	17.731	0.014	36.83831	-93.0075
65658	1131	971	53906487	8547255	20.813	3.3	36.54015	-93.638
65660	182	90	58165170	51598	22.458	0.02	37.33421	-92.2739
65661	2562	1392	2.22E+08	18129621	85.62	7	37.46769	-93.8252
65662	1269	591	1.95E+08	275772	75.244	0.106	37.44673	-92.5705
65663	2481	1004	2.91E+08	606757	112.488	0.234	37.62337	-93.2467
65664	159	78	2013254	4901	0.777	0.002	37.19806	-93.6152
65667	3305	1620	4.79E+08	1658579	184.949	0.64	37.30846	-92.514
65668	1745	1101	91638240	2949615	35.382	1.139	37.93123	-93.2905
65669	2031	859	1.06E+08	273224	40.869	0.105	36.91191	-93.3026
65672	9048	4700	1.44E+08	6950365	55.416	2.684	36.56035	-93.2195
65674	2991	1321	2.55E+08	1232314	98.572	0.476	37.78579	-93.6073
65676	472	319	41540449	4426488	16.039	1.709	36.57217	-92.6159
65679	2704	1220	1.36E+08	9184590	52.57	3.546	36.57945	-93.0959
65680	1201	612	55597849	2219654	21.466	0.857	36.65316	-93.0035
65681	2345	1648	87499919	13708863	33.784	5.293	36.55085	-93.4619
65682	1980	921	3.89E+08	1077926	150.376	0.416	37.41188	-93.9617
65685	877	423	86350755	46047	33.34	0.018	37.7523	-93.167
65686	4920	3461	24721434	14488389	9.545	5.594	36.62212	-93.4362
65689	4859	2312	4.73E+08	840630	182.756	0.325	37.14442	-92.0929
65690	298	169	1.14E+08	588880	43.844	0.227	36.58909	-91.2793
65692	1332	634	2.96E+08	126570	114.374	0.049	36.62759	-91.6314
65702	473	213	74772899	12559	28.87	0.005	37.07202	-92.4941

65704	4047	1854	3.25E+08	102737	125.345	0.04	37.12762	-92.5861
65705	3999	1786	1.04E+08	139984	40.182	0.054	36.98853	-93.6216
65706	14439	6083	4.65E+08	1093748	179.665	0.422	37.32282	-92.8986
65707	2299	1052	2.48E+08	521937	95.828	0.202	37.23367	-93.8433
65708	12624	5298	2.37E+08	377106	91.507	0.146	36.90289	-93.9115
65710	1275	520	78935296	509432	30.477	0.197	37.48556	-93.4211
65711	9926	4600	7.54E+08	1326524	291.015	0.512	37.17638	-92.2757
65712	8494	3608	3.15E+08	422341	121.627	0.163	37.11067	-93.8003
65713	2496	1156	2.82E+08	733181	108.709	0.283	37.40464	-92.747
65714	29818	12114	1.35E+08	722240	51.953	0.279	37.0381	-93.3203
65715	92	46	35404877	6995	13.67	0.003	36.73138	-92.574
65717	2568	1099	3.56E+08	49588	137.596	0.019	37.06044	-92.416
65720	665	285	89797985	74030	34.671	0.029	36.94056	-92.95
65721	28550	11646	2.53E+08	686365	97.502	0.265	36.98282	-93.2092
65722	1909	800	1.44E+08	240188	55.618	0.093	37.58292	-92.8055
65723	3606	1552	2.29E+08	477514	88.26	0.184	36.95863	-94.0403
65724	1392	1574	55257389	13477800	21.335	5.204	37.84443	-93.3133
65725	2459	1046	85862180	361770	33.152	0.14	37.43327	-93.2882
65727	218	93	36050856	221132	13.919	0.085	37.7551	-93.2948
65728	76	28	2367166	0	0.914	0	36.87138	-93.3456
65729	264	271	38651677	9065871	14.923	3.5	36.51396	-92.5927
65730	196	108	37003800	0	14.287	0	36.62369	-94.1773
65731	281	145	3650069	231002	1.409	0.089	36.65334	-93.126
65732	871	427	1.36E+08	369413	52.434	0.143	37.94169	-93.1615
65733	720	667	1.63E+08	21955134	63.106	8.477	36.52712	-92.8494
65734	3497	1480	2.07E+08	456626	79.943	0.176	36.79521	-93.9418
65735	110	79	53719377	119882	20.741	0.046	38.03992	-93.4587
65737	8413	5212	2.19E+08	16862857	84.677	6.511	36.71403	-93.3607
65738	17550	7271	1.34E+08	90220	51.614	0.035	37.13928	-93.5064
65739	1326	863	33906707	6680751	13.091	2.579	36.51096	-93.2742
65740	3405	1795	11634426	738746	4.492	0.285	36.71357	-93.1635
65742	11367	4691	3.02E+08	799617	116.738	0.309	37.12461	-93.0798
65744	142	68	54460953	0	21.027	0	36.62279	-92.8976
65745	2693	1179	1.84E+08	177404	70.877	0.068	36.53071	-93.9706
65746	7895	2802	4.67E+08	579735	180.202	0.224	37.14619	-92.7782
65747	3746	3342	2.02E+08	42169068	77.838	16.282	36.60086	-93.5801
65752	432	202	1.09E+08	174280	42.003	0.067	37.32771	-93.8309
65753	5027	2066	1.81E+08	415246	69.758	0.16	37.00284	-93.0461
65754	950	374	53689136	845	20.729	0	36.83665	-93.2814
65755	519	260	1.06E+08	10765	40.981	0.004	36.81467	-92.6264
65756	748	323	74164851	92447	28.635	0.036	37.09804	-93.9739
65757	6975	2850	2.13E+08	340435	82.296	0.131	37.28285	-93.0989
65759	1423	605	1.26E+08	87819	48.687	0.034	36.76255	-93.068
65760	739	447	84885502	1144826	32.774	0.442	36.63422	-92.2813
65761	1273	1041	3.13E+08	25792339	120.994	9.958	36.57645	-92.725
65762	441	243	1.91E+08	1127422	73.723	0.435	36.68489	-92.6513
65764	1287	561	2.38E+08	1155115	91.861	0.446	37.81452	-92.9487

65766	105	124	14099485	925102	5.444	0.357	36.53616	-92.2682
65767	2106	1124	2.23E+08	2231564	86.219	0.862	37.85226	-93.1559
65768	488	238	1.5E+08	112920	58.097	0.044	36.91944	-92.27
65769	3091	1208	2.21E+08	395440	85.19	0.153	36.9191	-93.7994
65770	3002	1295	2.59E+08	555235	99.859	0.214	37.42263	-93.5482
65771	1398	569	1.02E+08	0	39.372	0	36.77247	-93.2064
65772	2158	911	2.12E+08	109273	81.71	0.042	36.59899	-94.0232
65773	711	368	1.71E+08	91480	66.179	0.035	36.76251	-92.5018
65774	953	481	1.32E+08	514696	50.919	0.199	37.93027	-93.4893
65775	24908	11035	1.18E+09	2347681	455.125	0.906	36.70007	-91.8581
65777	328	159	41466790	73889	16.01	0.029	36.52575	-91.9978
65778	524	309	1.02E+08	192800	39.539	0.074	36.52976	-91.2698
65779	2207	1687	1.95E+08	7468640	75.29	2.884	37.97757	-93.3789
65781	8543	3365	1.84E+08	108492	71.157	0.042	37.35554	-93.4176
65783	225	104	45519501	458865	17.575	0.177	37.71457	-92.9333
65784	34	15	4924914	0	1.902	0	36.67989	-92.3139
65785	5259	2858	5.64E+08	30162840	217.598	11.646	37.70848	-93.8251
65786	2250	1103	2.79E+08	1604805	107.736	0.62	37.96578	-92.9627
65787	1864	1489	1.05E+08	8561039	40.408	3.305	38.07059	-92.8833
65788	422	173	56760385	30295	21.915	0.012	36.80669	-91.6949
65789	2014	905	2.06E+08	91060	79.723	0.035	36.86287	-91.8737
65790	739	330	1.4E+08	335253	54.034	0.129	36.70302	-92.1095
65791	4585	2268	3.41E+08	71357	131.706	0.028	36.57976	-91.4976
65793	6337	2912	6.95E+08	999801	268.236	0.386	36.99156	-91.972
65802	44270	19682	1.65E+08	8728	63.602	0.003	37.20745	-93.3546
65803	40902	18732	2.41E+08	4097703	92.954	1.582	37.28314	-93.2896
65804	36801	18923	47250794	1302395	18.244	0.503	37.14931	-93.2527
65806	10586	6008	5369508	0	2.073	0	37.20559	-93.2992
65807	54952	25655	56212563	61949	21.704	0.024	37.16519	-93.325
65809	11257	4629	45948401	431344	17.741	0.167	37.16659	-93.1825
65810	20984	8789	30948673	164696	11.949	0.064	37.11953	-93.3099
66002	13755	5588	4.65E+08	6080000	179.569	2.348	39.53874	-95.1376
66006	7459	2862	2.78E+08	3047416	107.186	1.177	38.80427	-95.2327
66007	5614	2265	58779197	252104	22.695	0.097	39.15622	-94.9417
66008	286	133	89084538	33891	34.396	0.013	39.71805	-95.1765
66010	606	308	2.34E+08	1091058	90.346	0.421	38.08822	-94.9792
66012	11210	4492	1.24E+08	3141341	47.907	1.213	39.06559	-94.9193
66013	1839	695	1.09E+08	1259345	42.025	0.486	38.73067	-94.6956
66014	349	176	1.73E+08	1009672	66.75	0.39	38.22885	-94.9871
66015	782	360	2.47E+08	1460888	95.41	0.564	38.07485	-95.4132
66016	519	214	81774335	15353	31.573	0.006	39.47517	-95.2317
66017	304	156	1E+08	65163	38.711	0.025	39.70372	-95.274
66018	5760	2196	54532092	3214588	21.055	1.241	38.96264	-94.9642
66019	246	120	110999	0	0.043	0	38.94544	-95.0033
66020	1442	578	1.6E+08	396860	61.875	0.153	39.33934	-95.1161
66021	2612	1027	1.24E+08	2859598	47.793	1.104	38.76628	-95.0144
66023	1124	522	1.83E+08	726310	70.759	0.28	39.51229	-95.3924

66024	927	401	11574509	1828218	4.469	0.706	39.73699	-94.8816
66025	7704	2931	1.69E+08	2478229	65.441	0.957	38.8919	-95.0833
66026	698	284	1.07E+08	1368713	41.278	0.528	38.3963	-94.8644
66027	5742	1585	21298782	1826770	8.224	0.705	39.36862	-94.9114
66030	20961	8126	1.23E+08	1294733	47.381	0.5	38.81514	-94.9403
66031	1072	0	7515354	47511	2.902	0.018	38.83207	-94.8901
66032	5115	2303	5.4E+08	3920175	208.541	1.514	38.28678	-95.2782
66033	767	363	1.42E+08	814653	54.753	0.315	38.36329	-95.1223
66035	1311	526	1.39E+08	653518	53.752	0.252	39.871	-95.2536
66039	628	325	2.54E+08	1260339	98.166	0.487	38.10441	-95.1649
66040	3404	2103	3.75E+08	17661832	144.705	6.819	38.35453	-94.7479
66041	725	312	1.41E+08	173599	54.61	0.067	39.6003	-95.308
66042	657	308	73642590	821930	28.434	0.317	38.42279	-95.0799
66043	10787	3193	33981847	1525631	13.12	0.589	39.2512	-94.8825
66044	28417	11792	1.61E+08	3403847	62.095	1.314	39.02329	-95.2089
66045	2023	2	838040	5685	0.324	0.002	38.95885	-95.2477
66046	19452	8669	1.06E+08	2348875	40.823	0.907	38.90452	-95.2098
66047	18268	8420	1.37E+08	4730652	52.989	1.827	38.89243	-95.3465
66048	35475	14425	3.5E+08	3107757	135.266	1.2	39.28233	-94.996
66049	25957	11386	1.15E+08	3859874	44.511	1.49	38.97811	-95.3441
66050	1822	767	1.12E+08	1608872	43.213	0.621	39.01183	-95.4425
66052	2031	811	1.08E+08	3815674	41.637	1.473	39.01577	-95.0483
66053	7524	2941	2.57E+08	3535595	99.349	1.365	38.58108	-94.6681
66054	2860	1247	1.97E+08	2233441	75.948	0.862	39.20614	-95.198
66056	1694	1165	2.21E+08	2177550	85.271	0.841	38.15145	-94.8443
66058	393	179	93301827	68466	36.024	0.026	39.54107	-95.5204
66060	1122	474	1.55E+08	759496	59.964	0.293	39.41816	-95.3322
66061	55805	21117	1.66E+08	2522111	64.151	0.974	38.89376	-94.88
66062	74411	27198	1.24E+08	1099001	47.769	0.424	38.83537	-94.7787
66064	6098	2570	1.94E+08	2524285	74.987	0.975	38.48071	-94.9889
66066	2636	1132	2.01E+08	4697031	77.607	1.814	39.203	-95.3306
66067	16170	7013	4.3E+08	3954661	165.906	1.527	38.62362	-95.2763
66070	2661	1191	78907828	38707875	30.466	14.945	39.20569	-95.4509
66071	12360	5107	6.02E+08	19106431	232.434	7.377	38.57308	-94.8646
66072	1054	446	1.95E+08	1027386	75.141	0.397	38.30943	-94.964
66073	2537	1022	1.7E+08	4943845	65.48	1.909	39.08242	-95.3683
66075	2103	1059	2.72E+08	8178998	105.143	3.158	38.20052	-94.6934
66076	2200	951	2.52E+08	1976037	97.168	0.763	38.63246	-95.443
66078	961	404	1.67E+08	1962640	64.521	0.758	38.48544	-95.2593
66079	781	344	1.09E+08	1300538	42.144	0.502	38.54247	-95.1081
66080	1065	429	1.51E+08	1227437	58.46	0.474	38.40697	-95.2602
66083	8910	3326	1.67E+08	8056859	64.609	3.111	38.73059	-94.8316
66085	7779	2885	67598379	781579	26.1	0.302	38.79877	-94.6567
66086	9759	3800	2.47E+08	1383963	95.258	0.534	39.11953	-95.0812
66087	2042	924	2.89E+08	2123673	111.724	0.82	39.80208	-95.1221
66088	2457	1036	3.13E+08	5067912	120.897	1.957	39.33933	-95.4612
66090	2520	1125	2.02E+08	5226950	77.957	2.018	39.78812	-94.9735

66091	352	195	1.56E+08	1816573	60.172	0.701	38.17828	-95.3125
66092	4084	1637	2.17E+08	1664546	83.846	0.643	38.7015	-95.098
66093	609	274	2.86E+08	1893089	110.534	0.731	38.20781	-95.4941
66094	416	244	1.24E+08	1834514	47.779	0.708	39.95129	-95.3424
66095	896	386	1.83E+08	2034878	70.837	0.786	38.44109	-95.4389
66097	1071	478	1.28E+08	965264	49.482	0.373	39.3286	-95.2461
66101	13220	5831	8420003	0	3.251	0	39.11898	-94.626
66102	29282	11633	28935079	174728	11.172	0.067	39.10896	-94.6925
66103	13934	7072	12542285	351844	4.843	0.136	39.06034	-94.6268
66104	25401	11325	41774015	1704559	16.129	0.658	39.1502	-94.6895
66105	2924	1025	8690722	418982	3.356	0.162	39.08701	-94.6389
66106	23367	9209	48197667	1814561	18.609	0.701	39.06945	-94.7026
66109	20480	8140	1.19E+08	3208040	46.026	1.239	39.16535	-94.8293
66111	10155	4171	56351297	1731641	21.757	0.669	39.08401	-94.79
66112	11458	5309	16146653	0	6.234	0	39.11452	-94.7736
66115	0	0	10273915	1311956	3.967	0.507	39.14826	-94.6051
66118	3	0	2100603	359060	0.811	0.139	39.10398	-94.6131
66202	16173	8826	13611180	33601	5.255	0.013	39.02315	-94.6695
66203	19156	8754	16268606	10652	6.281	0.004	39.02033	-94.7058
66204	18832	9423	12800344	25219	4.942	0.01	38.99038	-94.6782
66205	13216	6484	9723341	0	3.754	0	39.03118	-94.6308
66206	9693	4071	10235053	53497	3.952	0.021	38.96072	-94.6203
66207	13004	5730	12102721	31979	4.673	0.012	38.95564	-94.6432
66208	20945	9748	16829321	2474	6.498	0.001	38.99826	-94.6286
66209	19561	8445	15992185	44062	6.175	0.017	38.8996	-94.6384
66210	18102	8772	15709372	84964	6.065	0.033	38.92171	-94.7047
66211	4276	2296	11528999	86714	4.451	0.033	38.92306	-94.6363
66212	32096	15496	19894176	51726	7.681	0.02	38.95557	-94.6799
66213	27322	11190	19604662	75203	7.569	0.029	38.89886	-94.7082
66214	11691	5603	10123892	19327	3.909	0.007	38.96743	-94.7141
66215	24770	11130	20405437	37940	7.879	0.015	38.9577	-94.7443
66216	24368	9466	20204094	164001	7.801	0.063	39.01377	-94.7416
66217	5319	2667	24292095	1084405	9.379	0.419	39.00952	-94.7823
66218	7754	2577	23299965	214438	8.996	0.083	39.02069	-94.8188
66219	10486	4842	19664575	171522	7.593	0.066	38.95237	-94.7762
66220	7133	2534	17476690	135314	6.748	0.052	38.96171	-94.8196
66221	15219	5196	19485132	242939	7.523	0.094	38.86366	-94.7085
66223	21759	8514	16072349	228261	6.206	0.088	38.86348	-94.6685
66224	11917	4010	17835298	184665	6.886	0.071	38.86354	-94.6268
66226	12877	4225	29613547	1981780	11.434	0.765	39.0309	-94.8591
66227	4543	1875	34255192	256147	13.226	0.099	38.97268	-94.8748
66401	1721	968	6.12E+08	2736489	236.448	1.057	38.93225	-96.3097
66402	2955	1157	1.11E+08	2821160	42.977	1.089	38.914	-95.8433
66403	757	324	2.44E+08	505701	94.341	0.195	39.89357	-96.2859
66404	530	212	1.74E+08	231377	67.034	0.089	39.87815	-96.1733
66406	421	205	1.41E+08	335792	54.533	0.13	39.89411	-96.4207
66407	479	192	1.49E+08	2513983	57.348	0.971	39.22852	-96.1988

66408	434	204	1.16E+08	8596	44.728	0.003	39.95945	-95.97
66409	2997	1200	1.69E+08	2175496	65.288	0.84	38.92419	-95.5596
66411	1292	607	2.98E+08	5755177	115.035	2.222	39.64546	-96.6285
66412	287	132	1.26E+08	297963	48.64	0.115	39.90763	-96.7775
66413	1802	894	2.6E+08	689577	100.533	0.266	38.76887	-95.8807
66414	2914	1257	1.58E+08	2230824	60.968	0.861	38.8303	-95.6886
66415	885	399	2.45E+08	1941790	94.696	0.75	39.68828	-96.1475
66416	489	209	91072824	115002	35.163	0.044	39.52571	-95.8632
66417	310	129	92631630	202400	35.765	0.078	39.65656	-96.0449
66418	707	249	2.23E+08	263103	85.919	0.102	39.2795	-95.9336
66419	442	187	46438443	108087	17.93	0.042	39.36068	-95.5989
66422	487	194	1.59E+08	747424	61.501	0.289	39.33629	-96.0855
66423	985	444	4.14E+08	1244732	159.742	0.481	38.80129	-96.2327
66424	610	295	1.48E+08	448688	57.187	0.173	39.67469	-95.4041
66425	465	238	1.21E+08	326747	46.68	0.126	39.8162	-95.7384
66427	1281	614	5.44E+08	2708638	210.03	1.046	39.66128	-96.4388
66428	415	203	2.43E+08	674367	93.884	0.26	39.67612	-95.9314
66429	579	244	33476442	172402	12.925	0.067	39.09377	-95.5342
66431	671	290	1.63E+08	904418	63.029	0.349	38.80291	-96.0038
66432	396	188	1.57E+08	702767	60.476	0.271	39.48976	-96.0667
66434	4828	2363	5.59E+08	1004176	215.907	0.388	39.86169	-95.5494
66436	5879	2677	4.83E+08	3682961	186.4	1.422	39.46788	-95.6983
66438	149	63	47956211	107222	18.516	0.041	39.85448	-96.4929
66439	2747	1296	2.27E+08	1479517	87.491	0.571	39.65633	-95.5401
66440	2063	829	1.27E+08	101094	49.184	0.039	39.26818	-95.6768
66441	26746	12102	6.18E+08	7456497	238.795	2.879	38.97352	-96.8031
66442	14283	3517	88795722	1354826	34.284	0.523	39.09185	-96.7901
66449	846	378	1.73E+08	96905	66.864	0.037	39.39014	-96.8565
66451	1793	886	2.14E+08	4238877	82.501	1.637	38.61472	-95.6723
66501	260	124	608802	13478	0.235	0.005	39.05381	-96.2374
66502	43850	19332	5.95E+08	14490860	229.564	5.595	39.1578	-96.5219
66503	13428	5888	2.11E+08	12143128	81.344	4.688	39.26506	-96.6922
66506	3614	36	1723768	0	0.666	0	39.19586	-96.5816
66507	1247	468	2.47E+08	2526369	95.433	0.975	39.04516	-96.068
66508	4375	2118	5.26E+08	2674777	203.07	1.033	39.85592	-96.6308
66509	2596	1049	3.28E+08	104191	126.576	0.04	39.34087	-95.7804
66510	779	361	1.47E+08	498832	56.642	0.193	38.49963	-95.6102
66512	3361	1371	1.7E+08	2866324	65.513	1.107	39.19917	-95.5451
66514	1657	729	42004146	207198	16.218	0.08	39.12622	-96.8756
66515	425	184	83508999	130153	32.243	0.05	39.93624	-95.7037
66516	378	161	1.2E+08	98110	46.483	0.038	39.62795	-95.7207
66517	2087	992	4048489	154982	1.563	0.06	39.11313	-96.7066
66518	189	102	99335198	585477	38.354	0.226	39.96561	-96.5508
66520	577	279	2.7E+08	32825114	104.439	12.674	39.41889	-96.6177
66521	1532	750	4.74E+08	1263405	182.995	0.488	39.48022	-96.219
66522	49	20	445109	0	0.172	0	39.86855	-95.942
66523	3833	1755	3.9E+08	17105877	150.443	6.605	38.61056	-95.8399

66524	2499	1092	3.31E+08	1427418	127.65	0.551	38.79094	-95.5061
66526	801	321	1.83E+08	1146190	70.709	0.443	39.06551	-96.1548
66527	267	117	1.05E+08	54767	40.641	0.021	39.74539	-95.6737
66528	945	416	1.71E+08	173789	66.135	0.067	38.59776	-95.5353
66531	1380	580	98569844	74444	38.058	0.029	39.311	-96.8215
66532	668	303	2.28E+08	297543	88.145	0.115	39.82143	-95.3779
66533	1832	689	1.35E+08	2352730	52.105	0.908	39.16319	-95.9475
66534	3725	1663	3.84E+08	1218324	148.25	0.47	39.88436	-95.8371
66535	2616	1075	1.1E+08	849974	42.592	0.328	39.26703	-96.4337
66536	3922	1213	1.53E+08	4591555	58.911	1.773	39.22509	-96.0803
66537	1448	593	1.48E+08	1098902	57.108	0.424	38.75124	-95.7196
66538	3264	1486	3.78E+08	49211	145.806	0.019	39.85056	-96.0447
66539	2806	1091	1.07E+08	1312666	41.192	0.507	39.14197	-95.8404
66540	540	245	2.2E+08	329625	84.844	0.127	39.49052	-95.9763
66541	264	154	1.09E+08	230093	42.059	0.089	39.97474	-96.3669
66542	3335	1325	84185096	2479943	32.504	0.958	39.01074	-95.5448
66543	725	411	22675922	16481	8.755	0.006	38.64496	-95.5928
66544	337	193	2.22E+08	2020396	85.816	0.78	39.69205	-96.28
66546	1012	436	99132886	1148233	38.275	0.443	38.89546	-95.721
66547	7617	3118	3.49E+08	4508519	134.778	1.741	39.23156	-96.2956
66548	961	462	2.04E+08	1041865	78.573	0.402	39.67794	-96.7614
66549	1646	721	4.48E+08	1376049	172.976	0.531	39.42768	-96.4155
66550	607	253	1.61E+08	488792	62.005	0.189	39.65544	-95.8207
66552	396	189	1.18E+08	124806	45.534	0.048	39.59389	-95.6242
66554	567	293	2.78E+08	10227162	107.164	3.949	39.49481	-96.7905
66603	2001	1169	2236348	166587	0.863	0.064	39.05789	-95.6762
66604	23344	11539	17137815	19891	6.617	0.008	39.03902	-95.7262
66605	19919	8018	25842412	651816	9.978	0.252	39.01191	-95.6348
66606	11284	5913	14815828	770322	5.72	0.297	39.06144	-95.7199
66607	10498	3793	18512870	7311	7.148	0.003	39.04258	-95.6364
66608	5991	2722	12110526	1004074	4.676	0.388	39.07961	-95.6632
66609	7068	3285	31129756	1411956	12.019	0.545	38.97824	-95.6607
66610	9080	3447	99269961	2360211	38.328	0.911	38.97673	-95.8446
66611	9832	5014	8801074	7835	3.398	0.003	39.01876	-95.6964
66612	2477	1645	2660726	0	1.027	0	39.04044	-95.6805
66614	31354	14724	74340030	659171	28.703	0.255	39.01037	-95.8525
66615	2814	1332	1.17E+08	4591001	45.262	1.773	39.05083	-95.8979
66616	5874	2700	15589728	1299519	6.019	0.502	39.06848	-95.6234
66617	8688	3538	1.09E+08	3034089	41.925	1.171	39.13483	-95.6232
66618	9402	3486	1.87E+08	5162387	72.198	1.993	39.13951	-95.7483
66619	3070	1113	20492688	102615	7.912	0.04	38.94764	-95.6881
66621	643	0	646632	0	0.25	0	39.03332	-95.7015
66622	76	0	272640	0	0.105	0	39.0259	-95.7223
66701	12325	5645	7.63E+08	5324063	294.495	2.056	37.82202	-94.7621
66710	746	354	1.81E+08	1291753	69.75	0.499	37.55263	-95.6241
66711	610	318	1.34E+08	602262	51.574	0.233	37.6371	-94.685
66712	1939	950	56413467	314283	21.781	0.121	37.56488	-94.7145

66713	5836	2668	1.54E+08	954945	59.31	0.369	37.04049	-94.7853
66714	177	96	70503066	438863	27.221	0.169	37.6366	-95.6986
66716	567	290	2.22E+08	1002858	85.757	0.387	37.94802	-95.0368
66717	497	251	1.37E+08	1100733	52.8	0.425	37.69586	-95.6969
66720	11299	5168	4.76E+08	4135448	183.65	1.597	37.64833	-95.4572
66724	1065	466	94055592	395602	36.315	0.153	37.35029	-94.8571
66725	5739	2700	6.08E+08	1778491	234.774	0.687	37.15658	-94.8953
66728	91	42	3412309	0	1.317	0	37.17128	-94.7041
66732	291	146	1.19E+08	712655	45.983	0.275	37.79919	-95.187
66733	2215	1053	3.66E+08	2580512	141.219	0.996	37.59676	-95.2548
66734	332	192	75040871	934014	28.973	0.361	37.61809	-94.8302
66735	421	190	9809949	54731	3.788	0.021	37.52316	-94.7086
66736	3954	1993	6.65E+08	6103467	256.772	2.357	37.55148	-95.8611
66738	376	200	99556300	452508	38.439	0.175	38.01374	-94.7234
66739	5453	2465	1.79E+08	3153873	68.927	1.218	37.12578	-94.6553
66740	477	183	1.16E+08	239895	44.799	0.093	37.47955	-95.3642
66741	237	94	53755154	304585	20.755	0.118	37.71914	-94.656
66743	4373	1908	3.84E+08	2130689	148.196	0.823	37.504	-94.8937
66746	261	120	1.23E+08	418358	47.375	0.162	37.66811	-94.9541
66748	2750	1271	2.97E+08	3431946	114.541	1.325	37.79595	-95.4416
66749	7974	3659	3.03E+08	4901187	116.897	1.892	37.93595	-95.4069
66751	849	404	1.21E+08	982580	46.849	0.379	37.94373	-95.2898
66753	1077	506	3.45E+08	2040365	133.373	0.788	37.36206	-95.011
66754	451	376	1.2E+08	900616	46.324	0.348	38.00486	-94.8856
66755	1178	588	3.47E+08	2101198	133.808	0.811	37.92886	-95.1793
66756	1007	496	52889954	1191471	20.421	0.46	37.54483	-94.6591
66757	3560	1671	2.95E+08	2221086	113.865	0.858	37.41721	-95.6958
66758	216	127	1.12E+08	1599750	43.253	0.618	38.01599	-95.587
66760	98	57	1970181	9684	0.761	0.004	37.34832	-94.6244
66761	238	118	1.09E+08	853025	42.189	0.329	37.91826	-95.5692
66762	24786	11172	3.47E+08	4490385	133.982	1.734	37.39387	-94.7105
66763	3369	1506	16598898	562621	6.409	0.217	37.46315	-94.6978
66767	511	241	1.21E+08	1742883	46.723	0.673	38.07355	-94.703
66769	557	224	1.37E+08	547376	52.817	0.211	37.85653	-94.89
66770	1158	484	17964804	297322	6.936	0.115	37.08074	-94.7153
66771	1028	421	1.83E+08	5633487	70.683	2.175	37.48756	-95.146
66772	253	122	87210470	479675	33.672	0.185	37.75452	-95.2063
66773	866	409	80222975	171917	30.974	0.066	37.27226	-94.8066
66775	191	102	67045238	93229	25.886	0.036	37.70194	-95.1488
66776	1288	541	2.83E+08	813029	109.211	0.314	37.46288	-95.4894
66777	639	560	3.66E+08	11770001	141.377	4.544	37.7999	-95.9721
66778	139	68	389398	0	0.15	0	37.0005	-94.8409
66779	650	313	1.92E+08	789652	74.055	0.305	37.82565	-94.992
66780	589	296	2.8E+08	1265916	108.009	0.489	37.62173	-95.0569
66781	1347	607	1.18E+08	325556	45.748	0.126	37.28858	-94.7335
66782	178	93	766729	0	0.296	0	37.28502	-94.9263
66783	2230	1241	7.76E+08	6132672	299.747	2.368	37.87446	-95.737

66801	28492	12936	7.6E+08	8498608	293.428	3.281	38.41374	-96.2182
66830	262	116	75007548	403036	28.961	0.156	38.60242	-96.0874
66833	536	246	3.28E+08	2135386	126.615	0.824	38.69559	-96.195
66834	848	419	3.98E+08	1436718	153.808	0.555	38.86197	-96.4373
66835	1360	569	1.56E+08	1232480	60.288	0.476	38.54325	-96.2582
66838	182	94	1.33E+08	578161	51.319	0.223	38.55531	-96.801
66839	4007	1851	3.66E+08	44863232	141.285	17.322	38.2174	-95.7481
66840	777	336	4.83E+08	1265426	186.357	0.489	38.0656	-96.879
66842	324	213	2.82E+08	1636181	108.937	0.632	38.01	-96.6515
66843	205	140	3.5E+08	2001473	135.072	0.773	38.22248	-96.7405
66845	1232	573	3.93E+08	2861925	151.599	1.105	38.29873	-96.5084
66846	3504	2114	7.39E+08	17042204	285.518	6.58	38.64747	-96.4704
66849	485	235	1.76E+08	716569	67.927	0.277	38.87749	-96.5896
66850	228	119	3.62E+08	2220728	139.656	0.857	38.43397	-96.7444
66851	583	339	1.83E+08	465534	70.513	0.18	38.21786	-96.9186
66852	631	315	3.74E+08	2925681	144.251	1.13	38.06437	-95.8956
66853	429	258	3.6E+08	1466291	138.921	0.566	38.0019	-96.2353
66854	816	418	2.61E+08	13517743	100.812	5.219	38.25081	-95.9796
66856	1613	728	3.62E+08	13842510	139.723	5.345	38.39781	-95.8118
66857	943	440	2.27E+08	2260205	87.811	0.873	38.09634	-95.6331
66858	456	217	2.01E+08	377954	77.635	0.146	38.48044	-96.9325
66859	178	86	93925511	115826	36.265	0.045	38.55618	-96.9624
66860	1258	680	4.91E+08	3225178	189.69	1.245	38.12728	-96.1656
66861	3204	1749	5.37E+08	16509566	207.457	6.374	38.36776	-97.0085
66862	116	91	2.46E+08	1054799	94.952	0.407	38.155	-96.5561
66863	63	30	2320969	0	0.896	0	37.83287	-96.0818
66864	456	205	1.05E+08	1885287	40.688	0.728	38.35489	-95.9815
66865	1124	479	3.96E+08	2897832	152.984	1.119	38.22348	-96.2932
66866	1789	822	3.63E+08	694175	140.093	0.268	38.17304	-97.1074
66868	764	349	3.32E+08	4801318	128.311	1.854	38.54477	-95.9794
66869	748	365	3.1E+08	1659038	119.708	0.641	38.46388	-96.5167
66870	166	123	2.04E+08	647560	78.665	0.25	37.94416	-96.0296
66871	1346	597	3.52E+08	2464055	135.894	0.951	38.36264	-95.6102
66872	1134	533	3.79E+08	1331945	146.419	0.514	38.79075	-96.7687
66873	319	162	2.21E+08	671598	85.303	0.259	38.61882	-96.6796
66901	6605	3108	6.38E+08	3643401	246.321	1.407	39.56004	-97.639
66930	186	135	1.94E+08	475552	74.8	0.184	39.70668	-97.4795
66932	157	87	1.87E+08	49400	72.287	0.019	39.77949	-98.9309
66933	298	186	2.14E+08	961161	82.44	0.371	39.67542	-96.8723
66935	2563	1416	3.81E+08	894934	147.116	0.346	39.8406	-97.6317
66936	344	258	3.54E+08	661761	136.837	0.256	39.92119	-98.3161
66937	893	437	3.83E+08	2405710	147.843	0.929	39.58772	-97.2706
66938	1005	513	2.8E+08	1529667	107.918	0.591	39.57446	-97.414
66939	537	291	2.85E+08	1131499	110.199	0.437	39.85286	-97.9043
66940	339	233	1.81E+08	290018	69.87	0.112	39.80779	-97.4489
66941	242	173	3.09E+08	628132	119.357	0.243	39.83558	-98.4388
66942	247	155	2.55E+08	970706	98.454	0.375	39.80528	-98.0007

66943	505	282	2.4E+08	619873	92.528	0.239	39.67181	-96.9663
66944	195	157	2.28E+08	520405	87.854	0.201	39.83968	-97.3031
66945	1096	499	2.68E+08	2539492	103.444	0.981	39.88717	-96.8783
66946	126	76	1.34E+08	812967	51.681	0.314	39.96641	-97.0046
66948	494	259	2.96E+08	3822561	114.253	1.476	39.59825	-97.8523
66949	668	374	3.09E+08	249804	119.346	0.096	39.64357	-98.1863
66951	764	389	4.27E+08	1199142	164.976	0.463	39.8506	-99.0197
66952	499	358	6.25E+08	1434152	241.407	0.554	39.83581	-98.6048
66953	703	289	1.99E+08	551280	76.756	0.213	39.69019	-97.1066
66955	114	71	1.05E+08	278387	40.465	0.107	39.96787	-97.2977
66956	1157	675	5.15E+08	3933471	198.782	1.519	39.79431	-98.2276
66958	314	181	2.12E+08	956932	81.99	0.369	39.88945	-97.1772
66959	203	126	1.37E+08	302781	53.086	0.117	39.92301	-97.5296
66960	167	107	1.52E+08	166733	58.574	0.064	39.93676	-97.4348
66962	264	134	1.33E+08	276658	51.348	0.107	39.59932	-97.1143
66963	135	104	2.05E+08	451700	79.023	0.174	39.63693	-97.9994
66964	204	147	1.46E+08	1186066	56.457	0.458	39.94121	-97.8049
66966	624	353	2.64E+08	1824225	101.749	0.704	39.77533	-97.7663
66967	2096	1165	6.52E+08	784304	251.603	0.303	39.81973	-98.7942
66968	1626	804	3.32E+08	1968912	128.07	0.76	39.82474	-97.0659
66970	97	181	86790538	4028041	33.51	1.555	39.94823	-98.0345
67001	1676	527	61303312	84970	23.669	0.033	37.75846	-97.6292
67002	13764	5076	95560921	441519	36.896	0.17	37.69929	-97.1084
67003	2626	1406	6.42E+08	2566251	247.772	0.991	37.09913	-98.0738
67004	827	397	2.65E+08	149855	102.363	0.058	37.27873	-97.7531
67005	16535	7456	4.01E+08	6226000	154.636	2.404	37.06517	-96.9957
67008	556	287	3.19E+08	376020	123.004	0.145	37.48679	-96.7794
67009	856	413	3.44E+08	335931	132.896	0.13	37.21802	-98.2668
67010	13890	5751	2.71E+08	2554283	104.82	0.986	37.66443	-96.9764
67012	61	37	25072269	99596	9.68	0.038	37.67367	-96.5466
67013	3145	1325	2.04E+08	1351283	78.672	0.522	37.38187	-97.2682
67016	530	221	781857	0	0.302	0	37.88679	-97.5148
67017	2294	886	1.68E+08	0	64.925	0	37.82629	-97.1116
67018	149	89	1.7E+08	185708	65.602	0.072	37.07263	-97.859
67019	945	442	2.63E+08	545143	101.437	0.21	37.30657	-96.7776
67020	1689	751	3.29E+08	2705598	127.075	1.045	38.00792	-97.6706
67021	65	45	1.01E+08	0	38.813	0	37.7785	-98.9153
67022	1461	922	4.94E+08	44955	190.552	0.017	37.07655	-97.6327
67023	230	130	3.72E+08	733304	143.593	0.283	37.34612	-96.5922
67024	849	501	5.68E+08	4678454	219.136	1.806	37.11075	-96.4863
67025	3884	1507	2.96E+08	6706177	114.321	2.589	37.643	-97.7851
67026	4845	1838	2.54E+08	917651	98.032	0.354	37.51087	-97.4943
67028	225	152	4.65E+08	449796	179.493	0.174	37.45877	-98.9364
67029	1063	591	1.02E+09	1886394	393.299	0.728	37.17143	-99.28
67030	2659	886	1.05E+08	343243	40.546	0.133	37.78562	-97.5468
67031	2308	858	2.9E+08	22561	111.792	0.009	37.3993	-97.6395
67035	970	482	5.9E+08	589460	227.728	0.228	37.64923	-98.3873

67036	151	81	1E+08	0	38.724	0	37.29757	-97.8767
67037	26577	10460	1.46E+08	1420401	56.227	0.548	37.57177	-97.2173
67038	602	276	4.65E+08	627247	179.494	0.242	37.10179	-96.7238
67039	3395	1365	2.72E+08	458305	104.943	0.177	37.52767	-96.9743
67041	229	77	730724	0	0.282	0	38.05414	-97.13
67042	17969	7283	6.64E+08	31933160	256.225	12.329	37.85726	-96.7807
67045	3644	2034	1.14E+09	6665471	441.9	2.574	37.86615	-96.3453
67047	731	715	4.15E+08	11392993	160.227	4.399	37.62831	-96.057
67049	79	41	1.12E+08	0	43.219	0	37.17744	-97.8464
67050	1844	683	1.17E+08	505844	45.007	0.195	37.67435	-97.6756
67051	456	224	1.88E+08	575824	72.455	0.222	37.0893	-97.1966
67052	8325	2924	1.34E+08	1654457	51.787	0.639	37.65771	-97.5756
67053	539	231	857166	0	0.331	0	38.24682	-97.3463
67054	1167	610	6.03E+08	230362	232.723	0.089	37.57504	-99.3161
67055	71	38	2249995	2895	0.869	0.001	37.79003	-97.1977
67056	2935	1268	2.1E+08	0	81.066	0	38.02195	-97.5254
67057	241	164	4.24E+08	817122	163.821	0.315	37.0712	-98.7795
67058	2093	1052	5.61E+08	548097	216.456	0.212	37.31792	-98.0614
67059	1042	429	7.31E+08	181446	282.226	0.07	37.63694	-99.0973
67060	13733	5217	69253830	142209	26.739	0.055	37.54297	-97.3637
67061	171	106	2.96E+08	972272	114.321	0.375	37.09279	-98.3817
67062	4156	1614	74556901	0	28.787	0	38.14519	-97.4371
67063	3942	1591	3.49E+08	4914236	134.574	1.897	38.34074	-97.2337
67065	228	109	1.98E+08	32935	76.56	0.013	37.46493	-98.5162
67066	302	140	1.4E+08	31363	54.031	0.012	37.77	-98.7669
67067	1541	599	11753847	56118	4.538	0.022	37.79316	-97.274
67068	4354	2099	7.42E+08	2706468	286.571	1.045	37.6172	-98.1058
67070	1169	651	2.89E+08	463744	111.653	0.179	37.07908	-98.526
67071	94	106	5.38E+08	545059	207.541	0.21	37.26272	-98.8821
67072	244	152	3.09E+08	1509208	119.236	0.583	37.54453	-96.6114
67073	309	136	77727055	110122	30.011	0.043	38.38382	-97.3285
67074	1741	735	4.63E+08	1306715	178.944	0.505	37.67073	-96.7239
67101	3604	1361	38841478	509577	14.997	0.197	37.78526	-97.4643
67103	326	144	1.34E+08	0	51.802	0	37.26632	-97.5606
67104	2506	1373	7.68E+08	1994569	296.67	0.77	37.26508	-98.6644
67105	190	110	1.31E+08	0	50.45	0	37.23336	-97.6758
67106	388	167	1.29E+08	0	49.887	0	37.46712	-97.7573
67107	2979	1322	2.97E+08	159535	114.755	0.062	38.19421	-97.5477
67108	1696	663	1.77E+08	8707423	68.428	3.362	37.81284	-97.6852
67109	418	204	5.05E+08	47600	195.171	0.018	37.56128	-99.4858
67110	8415	3303	1.37E+08	1675941	52.721	0.647	37.4659	-97.2266
67111	352	162	1.51E+08	1083111	58.399	0.418	37.61456	-97.9369
67112	227	143	1.6E+08	67675	61.651	0.026	37.4672	-98.4193
67114	21852	9295	6.15E+08	1386059	237.561	0.535	38.07562	-97.2893
67117	1769	746	2619955	8127	1.012	0.003	38.07421	-97.3462
67118	810	351	2.06E+08	694003	79.389	0.268	37.48167	-97.8542
67119	1457	656	2.07E+08	3221475	80.107	1.244	37.23885	-97.1952

67120	1358	554	1.05E+08	849857	40.621	0.328	37.46928	-97.3735
67122	221	153	3.17E+08	2104764	122.523	0.813	37.619	-96.4281
67123	741	317	1.34E+08	525439	51.778	0.203	37.94853	-96.9967
67124	8203	3796	7.12E+08	1334252	274.796	0.515	37.63444	-98.7736
67127	701	369	5.12E+08	1325852	197.519	0.512	37.16482	-99.4871
67131	258	108	92042010	395196	35.538	0.153	37.42697	-96.9554
67132	410	155	2.25E+08	1357458	86.827	0.524	37.85088	-96.5847
67133	6379	2309	1.09E+08	20339	42.188	0.008	37.56996	-97.1074
67134	420	178	2.15E+08	129989	82.934	0.05	37.49034	-98.675
67135	3493	1350	2.67E+08	364879	103.23	0.141	37.91796	-97.46
67137	634	411	2.37E+08	1287762	91.453	0.497	37.63384	-96.222
67138	397	194	2.6E+08	183193	100.248	0.071	37.27639	-98.4158
67140	802	382	3.49E+08	0	134.758	0	37.0793	-97.3565
67142	445	270	3.18E+08	223881	122.873	0.086	37.45259	-98.1136
67143	58	49	1.02E+08	81469	39.275	0.031	37.34182	-98.9634
67144	2716	1055	1.17E+08	40743	45.076	0.016	37.81917	-97.0033
67146	1830	794	2.05E+08	1179658	79.309	0.455	37.38448	-97.1046
67147	9908	3739	2.73E+08	1625647	105.292	0.628	37.86058	-97.3128
67149	988	392	1.44E+08	785938	55.654	0.303	37.54016	-97.6295
67150	12	17	10566198	0	4.08	0	37.00741	-98.2225
67151	479	204	78689128	47502	30.382	0.018	38.14215	-97.2571
67152	9541	4295	5.96E+08	1697851	230.14	0.656	37.26029	-97.4134
67154	1510	546	2.05E+08	87230	79.026	0.034	37.97839	-97.1252
67155	166	112	6.95E+08	627873	268.244	0.242	37.27495	-99.1376
67156	15269	6499	6.51E+08	4573571	251.279	1.766	37.25566	-96.9616
67159	169	106	2.11E+08	100476	81.54	0.039	37.42627	-98.3099
67202	1393	949	2562503	134813	0.989	0.052	37.68698	-97.3349
67203	31287	14847	18373313	979085	7.094	0.378	37.70076	-97.3657
67204	21194	8599	41714086	1332801	16.106	0.515	37.76715	-97.3605
67205	16811	5909	45708453	4290134	17.648	1.656	37.74947	-97.4235
67206	15186	7237	26613915	335457	10.276	0.13	37.70407	-97.2255
67207	26978	12386	26025960	133220	10.049	0.051	37.66558	-97.2272
67208	18161	8239	12916600	25717	4.987	0.01	37.70385	-97.2793
67209	13654	5438	32269434	1114383	12.459	0.43	37.65124	-97.4285
67210	10339	3797	35120524	116384	13.56	0.045	37.63026	-97.2465
67211	20644	9790	13305171	0	5.137	0	37.66688	-97.3175
67212	44707	19428	32871644	1375078	12.692	0.531	37.7024	-97.4389
67213	21368	9976	16789151	290574	6.482	0.112	37.66748	-97.3642
67214	16542	7980	14175159	2055	5.473	0.001	37.70718	-97.3178
67215	5708	2015	42969796	727282	16.591	0.281	37.61556	-97.4207
67216	24041	9936	31767750	1958460	12.266	0.756	37.61106	-97.3127
67217	30186	12661	37946002	1109326	14.651	0.428	37.61807	-97.3625
67218	22772	11451	12942649	0	4.997	0	37.66851	-97.2804
67219	12121	4629	37562620	429963	14.503	0.166	37.77148	-97.3187
67220	14214	5990	19038910	192913	7.351	0.074	37.75116	-97.2784
67223	513	180	9596532	50303	3.705	0.019	37.74243	-97.4955
67226	17757	7960	69775961	357905	26.941	0.138	37.77321	-97.213

67227	344	131	14218215	0	5.49	0	37.62819	-97.4997
67228	2033	656	20569998	28740	7.942	0.011	37.769	-97.1697
67230	9959	3551	25560541	549765	9.869	0.212	37.68743	-97.1713
67232	298	156	8951839	95336	3.456	0.037	37.63629	-97.1702
67235	11446	4057	28517765	218028	11.011	0.084	37.68899	-97.5
67260	0	0	537081	0	0.207	0	37.71938	-97.2936
67301	13556	6192	5.43E+08	10624306	209.669	4.102	37.20823	-95.7561
67330	1535	631	1.54E+08	1217537	59.272	0.47	37.15806	-95.3091
67332	207	94	58578884	720080	22.617	0.278	37.04337	-95.2366
67333	3089	1396	1.32E+08	1101687	51.142	0.425	37.04539	-95.8825
67334	104	70	1057055	718	0.408	0	37.0239	-96.1771
67335	3671	1641	3.34E+08	4339600	129.128	1.676	37.27539	-95.5275
67336	1683	885	2.45E+08	2941970	94.585	1.136	37.0956	-95.0643
67337	13493	6471	3.73E+08	516534	144.028	0.199	37.05367	-95.5982
67340	355	182	2060589	0	0.796	0	37.0596	-95.7131
67341	373	143	57295857	857836	22.122	0.331	37.34437	-95.4284
67342	969	452	1.88E+08	1154885	72.43	0.446	37.05953	-95.3573
67344	877	460	4.47E+08	7947471	172.737	3.069	37.28747	-95.9539
67345	161	114	1.13E+08	1192988	43.659	0.461	37.37762	-96.1993
67346	372	228	2.99E+08	2765484	115.323	1.068	37.3244	-96.4347
67347	431	242	1.5E+08	1722658	57.991	0.665	37.15441	-95.9515
67349	1034	644	6.03E+08	5874489	233.011	2.268	37.4944	-96.2979
67351	391	199	1.11E+08	185570	42.693	0.072	37.14356	-95.5689
67352	593	335	2.76E+08	3143022	106.523	1.214	37.40719	-96.0228
67353	582	353	2.11E+08	2672369	81.354	1.032	37.30838	-96.3172
67354	825	367	1.46E+08	157399	56.252	0.061	37.20944	-95.4092
67355	213	111	61965060	431741	23.925	0.167	37.04684	-96.0108
67356	2834	1341	3.01E+08	5676845	116.373	2.192	37.17626	-95.1458
67357	13006	6126	4.59E+08	8324607	177.073	3.214	37.34593	-95.2616
67360	409	247	1.25E+08	941094	48.443	0.363	37.03802	-96.1066
67361	1841	1062	6.21E+08	5503668	239.709	2.125	37.13764	-96.2176
67363	78	47	5639977	16917	2.178	0.007	37.33947	-95.7231
67364	311	141	12191650	39005	4.707	0.015	37.06039	-95.8104
67401	51499	22326	6.22E+08	1394170	240.009	0.538	38.83185	-97.6545
67410	10141	4615	8.32E+08	3539725	321.335	1.367	38.95648	-97.2191
67416	1146	476	1.6E+08	108204	61.933	0.042	38.67306	-97.5821
67417	179	93	1.78E+08	21866	68.698	0.008	39.44459	-97.5452
67418	246	158	3.46E+08	528963	133.68	0.204	39.17489	-98.0465
67420	4721	2283	1.09E+09	1008810	419.151	0.39	39.40094	-98.0855
67422	1366	549	1.7E+08	184727	65.724	0.071	39.02108	-97.5852
67423	316	165	1.37E+08	333279	52.719	0.129	38.95123	-97.9753
67425	689	327	5.68E+08	1339762	219.387	0.517	38.7851	-97.9196
67427	408	216	1.55E+08	49003	59.856	0.019	38.49846	-98.3993
67428	1465	636	2.69E+08	437401	103.891	0.169	38.36963	-97.4179
67430	611	401	3.44E+08	24210886	132.761	9.348	39.53109	-98.4249
67431	2471	1020	3.12E+08	1739667	120.641	0.672	38.95105	-97.0124
67432	6019	2888	9.63E+08	3782733	371.684	1.461	39.32934	-97.1934

67436	636	360	3.18E+08	250691	122.951	0.097	39.26971	-97.7358
67437	1161	639	3.56E+08	1023853	137.429	0.395	39.51508	-98.5556
67438	300	152	1.95E+08	576004	75.347	0.222	38.49592	-97.2834
67439	3674	1424	5.52E+08	1407209	213.234	0.543	38.74978	-98.2204
67441	1115	440	1.01E+08	1022528	38.816	0.395	38.88003	-97.1052
67442	266	116	1.22E+08	56753	47.131	0.022	38.6559	-97.7721
67443	1794	708	2.19E+08	183192	84.476	0.071	38.38062	-97.5258
67444	527	403	4.26E+08	7496714	164.305	2.894	38.54486	-98.1363
67445	680	385	3.05E+08	44832	117.602	0.017	39.37139	-97.8241
67446	617	349	2.99E+08	19701641	115.373	7.607	39.47377	-98.3055
67447	320	157	1.97E+08	388452	76.037	0.15	39.48546	-96.973
67448	1374	612	5.78E+08	1101759	223.197	0.425	38.64955	-97.413
67449	3351	1692	3.97E+08	3437259	153.271	1.327	38.67664	-96.8939
67450	555	317	1.31E+08	111550	50.597	0.043	38.61502	-98.4514
67451	948	486	3.78E+08	1759021	145.971	0.679	38.70317	-97.1216
67452	201	143	3.38E+08	210422	130.569	0.081	39.24007	-98.3716
67454	563	303	92195714	1501715	35.597	0.58	38.69884	-98.1121
67455	1980	1085	7.59E+08	934097	293.1	0.361	39.02048	-98.1654
67456	4736	1937	3.75E+08	1287601	144.848	0.497	38.60068	-97.6754
67457	878	374	2.4E+08	105525	92.727	0.041	38.39363	-97.9928
67458	261	127	1.62E+08	334637	62.6	0.129	39.17075	-97.3044
67459	251	117	1.83E+08	327197	70.818	0.126	38.60079	-98.3405
67460	15168	6788	5.96E+08	1897018	229.97	0.732	38.38255	-97.6995
67464	1090	710	2.98E+08	8626884	114.935	3.331	38.55924	-97.8971
67466	774	397	3.85E+08	330060	148.58	0.127	39.32782	-97.4724
67467	2904	1324	6.94E+08	881360	267.913	0.34	39.14236	-97.6958
67468	307	138	1.08E+08	990765	41.538	0.383	39.45949	-97.2573
67470	456	225	1.28E+08	18249	49.557	0.007	38.92263	-97.5076
67473	1728	942	6.87E+08	1280325	265.076	0.494	39.37874	-98.7406
67474	224	152	2.37E+08	235187	91.518	0.091	39.57662	-98.7169
67475	283	133	70678080	48537	27.289	0.019	38.59004	-97.0549
67478	89	62	2620249	0	1.012	0	39.38606	-97.9388
67480	1805	768	4.23E+08	1069047	163.23	0.413	38.96548	-97.403
67481	590	421	4.83E+08	1221407	186.443	0.472	39.01275	-98.3809
67482	99	43	254251	0	0.098	0	39.02689	-97.2597
67483	338	173	2.14E+08	472453	82.756	0.182	38.55674	-97.2035
67484	891	422	3.61E+08	366943	139.544	0.142	38.99351	-97.8453
67485	339	180	2.02E+08	362919	77.818	0.14	39.2834	-98.5019
67487	1422	609	2.5E+08	713074	96.627	0.275	39.17906	-97.0712
67490	1055	572	3.88E+08	181519	149.683	0.07	38.78854	-98.4397
67491	399	176	1.86E+08	87303	71.936	0.034	38.3875	-97.9024
67492	166	80	73502295	411886	28.379	0.159	38.80928	-96.9628
67501	27212	11658	4.77E+08	2929739	184.128	1.131	37.97749	-97.9265
67502	23739	10546	2.03E+08	279369	78.511	0.108	38.12674	-97.9299
67505	2457	1207	7245167	214957	2.797	0.083	38.03136	-97.9458
67510	281	131	1.4E+08	44438	54.103	0.017	38.00636	-98.2063
67511	318	171	1.65E+08	0	63.585	0	38.4325	-99.0473

67512	234	123	90839757	833041	35.073	0.322	38.22457	-98.3352
67513	93	58	1.47E+08	19862	56.88	0.008	38.44511	-99.5383
67514	765	356	2.25E+08	218064	86.859	0.084	37.86195	-98.2024
67515	63	43	88116586	0	34.022	0	38.62464	-100.069
67516	447	247	4.39E+08	237757	169.431	0.092	38.38574	-99.6868
67518	69	39	3.76E+08	0	145.277	0	38.41459	-100.167
67519	193	120	1.84E+08	0	71.196	0	37.93035	-99.0911
67520	415	200	3.22E+08	15416	124.256	0.006	38.58968	-99.1877
67521	155	133	4.3E+08	109897	165.932	0.042	38.62817	-99.7129
67522	2049	805	1.6E+08	415665	61.838	0.16	38.1222	-97.7476
67523	373	200	3.86E+08	338781	149.028	0.131	38.19926	-99.5442
67524	630	296	1.38E+08	20718	53.413	0.008	38.36942	-98.3786
67525	1119	551	3.58E+08	1585860	138.049	0.612	38.57253	-98.563
67526	2759	1325	4.37E+08	842880	168.712	0.325	38.33276	-98.5447
67529	365	191	2.83E+08	26137	109.097	0.01	38.07623	-99.2544
67530	19699	8706	6.36E+08	2372665	245.588	0.916	38.35206	-98.7945
67543	2125	879	2.39E+08	1147570	92.303	0.443	37.87804	-97.7993
67544	3216	1625	5.34E+08	8797327	206.051	3.397	38.58679	-98.7592
67545	215	120	1.79E+08	1769209	69.061	0.683	38.16592	-98.6108
67546	2597	1048	3.4E+08	740287	131.314	0.286	38.23627	-97.8187
67547	1769	1000	7.79E+08	214599	300.965	0.083	37.93057	-99.4559
67548	1467	801	2.92E+08	65331	112.754	0.025	38.58979	-99.345
67550	5905	2586	8.18E+08	425794	315.928	0.164	38.18538	-99.1246
67552	720	354	4.97E+08	0	192.065	0	37.86613	-99.2284
67553	114	65	23229570	7431	8.969	0.003	38.66947	-99.3084
67554	4334	1992	4.71E+08	270462	181.939	0.104	38.37221	-98.1952
67556	320	211	4.6E+08	308057	177.683	0.119	38.61649	-99.5236
67557	723	323	3.54E+08	74976	136.838	0.029	37.9346	-98.9585
67559	52	42	2.05E+08	65957	79.145	0.025	38.38587	-99.4545
67560	1740	898	8.6E+08	233803	332.1	0.09	38.39934	-99.9392
67561	1538	671	1.68E+08	1636101	65.028	0.632	38.10902	-98.0969
67563	371	178	2.7E+08	0	104.292	0	37.84401	-99.5564
67564	308	167	2.09E+08	125224	80.512	0.048	38.5311	-98.9309
67565	429	256	2.42E+08	173822	93.369	0.067	38.60059	-99.0441
67566	650	245	1.54E+08	146923	59.315	0.057	37.93317	-98.0974
67567	526	273	2.44E+08	72305	94.383	0.028	38.27219	-98.9791
67568	309	149	1.66E+08	94313	64.208	0.036	38.00631	-98.3166
67570	1338	615	3.6E+08	27295678	138.972	10.539	37.78741	-97.9642
67572	456	273	5.46E+08	11709397	210.644	4.521	38.68949	-99.9079
67573	170	91	1.7E+08	1269695	65.798	0.49	38.2647	-98.4236
67574	252	144	3.15E+08	187603	121.713	0.072	38.22588	-99.3849
67575	465	273	4.19E+08	65419	161.942	0.025	38.41194	-99.2576
67576	1915	975	8.28E+08	234196	319.744	0.09	38.03598	-98.7952
67578	1405	815	5.76E+08	5040637	222.557	1.946	37.99142	-98.5742
67579	3095	1254	5.81E+08	1726458	224.294	0.667	38.18858	-98.2356
67581	416	244	2.47E+08	405949	95.191	0.157	37.97754	-98.4087
67583	1022	557	5.87E+08	558323	226.779	0.216	37.79943	-98.475

67584	269	185	6.48E+08	73661	250.062	0.028	38.68259	-100.163
67601	23797	10733	9.98E+08	349587	385.497	0.135	38.87688	-99.3495
67621	393	229	1.58E+08	379037	60.965	0.146	39.82117	-99.1327
67622	599	306	3.41E+08	16257	131.706	0.006	39.89587	-99.7351
67623	270	166	3.91E+08	1054495	151.022	0.407	39.44447	-98.9543
67625	257	175	2.87E+08	55472	110.934	0.021	39.389	-99.6856
67626	145	108	2.4E+08	747921	92.567	0.289	38.88156	-98.717
67628	78	54	1.35E+08	392928	52.016	0.152	39.62738	-99.0016
67629	143	88	2.31E+08	10612	89.366	0.004	39.69995	-100.199
67631	249	151	4.3E+08	78352	165.931	0.03	39.00914	-100.081
67632	227	132	1.33E+08	46686	51.509	0.018	39.34361	-99.5807
67634	301	204	3.07E+08	17165493	118.473	6.628	38.819	-98.6088
67635	169	92	2.75E+08	5302	106.067	0.002	39.59022	-100.434
67637	2651	1283	8.7E+08	14360135	335.968	5.544	38.93838	-99.6053
67638	230	149	1.79E+08	93394	68.92	0.036	39.6142	-98.8546
67639	193	113	1.6E+08	508880	61.843	0.196	39.63686	-99.3084
67640	505	259	2.72E+08	328195	104.925	0.127	38.91413	-99.0491
67642	1729	928	5.98E+08	238457	230.755	0.092	39.35908	-99.8445
67643	195	169	3.44E+08	367480	132.738	0.142	39.67721	-100.304
67644	264	223	2.05E+08	19857375	79.163	7.667	39.64372	-99.1577
67645	546	353	8.29E+08	214490	320.016	0.083	39.59021	-99.8737
67646	718	394	4.44E+08	419902	171.538	0.162	39.63845	-99.5774
67647	256	142	2.17E+08	311283	83.866	0.12	39.93455	-99.5449
67648	549	341	4.36E+08	15167952	168.235	5.856	39.08725	-98.5804
67649	297	197	2.34E+08	150649	90.352	0.058	39.12697	-98.68
67650	258	175	3.91E+08	75923	150.926	0.029	39.37267	-100.103
67651	507	323	5.94E+08	1264883	229.24	0.488	39.21286	-99.0526
67653	298	196	5.4E+08	383444	208.316	0.148	39.9067	-100.208
67654	4362	1792	8.98E+08	7684304	346.72	2.967	39.82396	-99.9491
67656	156	116	3.16E+08	209199	121.846	0.081	38.98934	-99.7504
67657	429	239	3.49E+08	143895	134.848	0.056	39.20229	-99.6168
67658	120	69	2.07E+08	379242	79.925	0.146	39.10306	-98.9477
67659	154	90	2.96E+08	65736	114.12	0.025	39.3228	-100.005
67660	81	44	49184417	0	18.99	0	38.71825	-99.1566
67661	3483	1795	1.01E+09	866440	390.489	0.335	39.82088	-99.319
67663	2615	1316	7.98E+08	1463817	308.237	0.565	39.21279	-99.3542
67664	305	155	2.62E+08	100613	101.104	0.039	39.81823	-99.5834
67665	5162	2721	8.36E+08	471409	322.847	0.182	38.84909	-98.8825
67667	204	84	293235	0	0.113	0	38.71313	-99.3325
67669	1725	968	8.53E+08	8972134	329.278	3.464	39.45823	-99.3442
67671	1714	742	3.35E+08	79645	129.153	0.031	38.84716	-99.1347
67672	2359	1227	8.16E+08	210503	315.045	0.081	39.00841	-99.912
67673	108	89	3.23E+08	301731	124.691	0.116	39.1522	-98.8187
67674	55	33	12683374	0	4.897	0	38.86386	-99.0687
67675	217	143	2.52E+08	637986	97.167	0.246	39.44619	-99.0903
67701	6502	2893	1.26E+09	55182	484.707	0.021	39.39515	-101.061
67730	1612	899	9.91E+08	259313	382.82	0.1	39.80898	-101.111

67731	675	382	8.01E+08	751187	309.202	0.29	39.76592	-101.537
67732	543	273	8E+08	24166	308.696	0.009	39.42472	-101.344
67733	149	80	5.01E+08	0	193.586	0	39.31937	-101.513
67734	182	86	2.4E+08	25599	92.776	0.01	39.52352	-100.896
67735	5476	2851	1.58E+09	459741	611.834	0.178	39.34479	-101.753
67736	228	145	6.18E+08	17263	238.579	0.007	38.85109	-100.479
67737	444	236	3.67E+08	17251	141.78	0.007	39.12948	-100.478
67738	520	283	7.7E+08	169173	297.187	0.065	38.98228	-100.639
67739	258	183	3.53E+08	27288	136.162	0.011	39.87843	-100.813
67740	1724	857	1.13E+09	327313	436.658	0.126	39.37497	-100.368
67741	326	188	4.54E+08	88507	175.459	0.034	39.40274	-101.995
67743	158	74	2.73E+08	0	105.461	0	39.3728	-101.247
67744	185	113	3.63E+08	18441	140.294	0.007	39.84399	-100.94
67745	322	185	6.83E+08	95402	263.784	0.037	39.80759	-101.345
67747	158	78	3.23E+08	0	124.811	0	39.04201	-101.065
67748	2544	1257	1.2E+09	247579	464.16	0.096	39.03979	-100.86
67749	2317	1348	1.19E+09	1018312	459	0.393	39.83486	-100.563
67751	259	142	2.32E+08	22493	89.47	0.009	39.12565	-100.346
67752	1399	635	7.46E+08	60601	288.211	0.023	38.99497	-100.251
67753	530	247	6.29E+08	139153	242.679	0.054	39.43261	-100.748
67756	2016	1118	1.68E+09	1932780	647.056	0.746	39.7972	-101.837
67757	482	259	5.32E+08	191988	205.333	0.074	39.55291	-100.617
67758	1016	556	1.12E+09	49512	432.61	0.019	38.85606	-101.765
67761	249	123	1.05E+09	115828	406.108	0.045	38.96919	-101.532
67762	288	130	5.67E+08	49286	218.902	0.019	38.90587	-101.975
67764	345	228	1.33E+09	163771	512.631	0.063	38.92638	-101.21
67801	30559	10529	9.81E+08	1425609	378.639	0.55	37.7236	-100.057
67831	1117	599	1.03E+09	1545538	399.557	0.597	37.18562	-99.796
67834	964	425	5.08E+08	248147	196.203	0.096	37.51905	-99.6333
67835	2954	1148	1.13E+09	430992	436.961	0.166	37.96677	-100.326
67836	147	77	1.6E+08	1047160	61.832	0.404	38.02056	-102.008
67837	903	343	6.23E+08	431768	240.526	0.167	37.55482	-100.675
67838	982	368	2.93E+08	109598	112.972	0.042	38.08411	-101.128
67839	1416	822	1.47E+09	551220	566.247	0.213	38.4705	-100.442
67840	103	81	89261130	26689	34.464	0.01	37.05735	-100.044
67841	339	152	2.54E+08	103473	98.072	0.04	37.63465	-100.243
67842	427	220	3.91E+08	1430050	151.086	0.552	37.56114	-99.7697
67843	165	98	447309	0	0.173	0	37.73027	-99.937
67844	894	420	6.37E+08	38654	245.919	0.015	37.38586	-100.195
67846	33696	12229	2.06E+09	1059395	796.107	0.409	38.03416	-100.768
67849	380	205	3.22E+08	83434	124.474	0.032	38.15124	-99.7086
67850	335	165	3.22E+08	0	124.48	0	38.58673	-100.614
67851	2691	883	5.53E+08	352654	213.678	0.136	38.06843	-101.021
67853	860	346	7.86E+08	198111	303.434	0.076	37.88558	-100.528
67854	1407	689	1.45E+09	541533	560.628	0.209	38.10495	-100.017
67855	1976	844	1.16E+09	196869	448.704	0.076	37.55178	-101.685
67857	174	91	8.28E+08	143170	319.737	0.055	37.98069	-101.555

67859	735	277	4.58E+08	1165575	176.995	0.45	37.23517	-100.77
67860	2878	1128	1.52E+09	936848	587.683	0.362	38.00839	-101.307
67861	1962	921	1.53E+09	61987	590.947	0.024	38.47044	-101.383
67862	302	166	6.56E+08	19085	253.249	0.007	37.55251	-101.949
67863	305	149	4.41E+08	0	170.265	0	38.57311	-101.217
67864	2227	1011	1.22E+09	1139400	470.532	0.44	37.17652	-100.317
67865	1081	484	7.11E+08	208282	274.557	0.08	37.43551	-99.9684
67867	1578	600	5.73E+08	564098	221.336	0.218	37.57025	-100.464
67868	198	77	1.51E+08	0	58.199	0	37.82111	-100.709
67869	1492	591	8.12E+08	2449501	313.388	0.946	37.23618	-100.566
67870	1765	694	6.61E+08	148305	255.349	0.057	37.52218	-101.003
67871	4973	2217	2.21E+09	417054	851.778	0.161	38.51149	-100.888
67876	1156	487	6.28E+08	144097	242.554	0.056	37.86284	-99.7435
67877	2255	893	6.49E+08	506814	250.531	0.196	37.55493	-100.844
67878	2436	1105	1.93E+09	1781042	745.392	0.688	38.02806	-101.828
67879	1247	629	2.02E+09	0	778.45	0	38.48041	-101.806
67880	7878	2969	1.65E+09	911245	637.049	0.352	37.58343	-101.313
67882	346	149	2.6E+08	305252	100.545	0.118	37.80418	-99.8799
67901	22073	7727	8.98E+08	1014546	346.66	0.392	37.0978	-100.913
67950	2558	1141	5.6E+08	227203	216.407	0.088	37.04686	-101.868
67951	4981	1996	1.32E+09	1326	510.74	0.001	37.1606	-101.349
67952	710	281	4.65E+08	463610	179.694	0.179	37.29295	-101.149
67953	144	83	6.7E+08	450110	258.739	0.174	37.25068	-101.891
67954	661	293	7.5E+08	23470	289.697	0.009	37.20887	-101.641
68001	77	51	7405512	4475	2.859	0.002	41.33114	-96.96
68002	2150	892	1.88E+08	1564954	72.401	0.604	41.49902	-96.3377
68003	4284	2056	3.21E+08	8505361	124.028	3.284	41.08126	-96.3825
68004	885	404	2.04E+08	606643	78.698	0.234	42.00974	-96.623
68005	22132	9880	46824703	2949803	18.079	1.139	41.14269	-95.893
68007	7612	2718	93035317	304804	35.921	0.118	41.36745	-96.1901
68008	12285	4973	3.43E+08	3973667	132.618	1.534	41.54671	-96.1628
68010	745	15	3757601	103362	1.451	0.04	41.2551	-96.1326
68014	287	145	99417025	182161	38.385	0.07	41.28203	-96.962
68015	1151	520	1.41E+08	1453586	54.527	0.561	41.38558	-96.6434
68016	413	331	2005624	1647692	0.774	0.636	41.04145	-96.1054
68017	1692	664	1.85E+08	220530	71.504	0.085	41.05368	-96.6578
68018	516	194	1.13E+08	655472	43.733	0.253	41.3021	-96.6152
68019	550	265	1.91E+08	109500	73.808	0.042	41.78102	-96.3754
68020	749	427	2.1E+08	5992991	81.248	2.314	41.97118	-96.2642
68022	16422	6295	98065764	850943	37.863	0.329	41.27806	-96.2465
68023	2536	1079	91036549	1675379	35.149	0.647	41.44723	-96.0164
68025	30376	13728	3.22E+08	14210594	124.349	5.487	41.43724	-96.4879
68028	10839	3797	1.67E+08	5402241	64.308	2.086	41.10519	-96.2583
68029	899	404	2.18E+08	154195	84.362	0.06	41.657	-96.2735
68030	835	352	99615430	1911045	38.462	0.738	42.32291	-96.4554
68031	1745	792	3.15E+08	5055620	121.69	1.952	41.64059	-96.5252
68033	392	152	84082413	273340	32.464	0.106	41.12497	-96.511

68034	886	352	86566507	8197	33.424	0.003	41.45956	-96.2253
68036	402	253	1.59E+08	3255541	61.3	1.257	41.38738	-96.9523
68037	2286	977	1.51E+08	5079722	58.171	1.961	40.98351	-96.13
68038	1280	664	2.55E+08	1677547	98.429	0.648	41.94711	-96.4528
68039	1421	357	1.13E+08	2687952	43.577	1.038	42.11625	-96.3455
68040	369	156	92107608	432967	35.563	0.167	41.28349	-96.735
68041	955	383	97603032	159082	37.685	0.061	41.24142	-96.4934
68042	122	83	1693305	279812	0.654	0.108	41.09886	-96.4377
68044	724	294	87354423	1993698	33.728	0.77	41.55168	-96.4422
68045	1801	865	2.44E+08	1136210	94.395	0.439	41.82555	-96.4925
68046	25191	9295	70637905	2095066	27.273	0.809	41.12182	-96.0528
68047	1614	755	3.27E+08	618887	126.239	0.239	42.11119	-96.7331
68048	12422	5363	2.5E+08	8733437	96.346	3.372	40.98408	-95.942
68050	609	309	1.46E+08	978611	56.271	0.378	41.30005	-96.8423
68055	341	162	1.36E+08	304255	52.498	0.117	42.05416	-96.4722
68057	1544	763	3.16E+08	3062464	122.049	1.182	41.66187	-96.7235
68058	252	214	1572698	1886478	0.607	0.728	41.00582	-96.2448
68059	3158	1320	1.27E+08	3772843	48.877	1.457	41.06445	-96.1588
68061	2504	1197	3.92E+08	5116478	151.205	1.975	41.79319	-96.2078
68062	311	130	1.09E+08	218666	42.167	0.084	42.19885	-96.6775
68063	234	135	4540549	12688	1.753	0.005	41.73532	-96.4971
68064	3376	1677	1.25E+08	8787287	48.117	3.393	41.35575	-96.3577
68065	1510	648	2.36E+08	1350979	90.997	0.522	41.0689	-96.8395
68066	5640	2367	2.37E+08	397177	91.542	0.153	41.18682	-96.6279
68067	1288	413	1.46E+08	162813	56.56	0.063	42.16044	-96.4825
68068	127	49	442649	0	0.171	0	41.39789	-96.2085
68069	2558	1386	78362680	10604077	30.256	4.094	41.24107	-96.3159
68070	836	351	1.69E+08	483868	65.275	0.187	41.19668	-96.8009
68071	1934	564	1.94E+08	2269031	75.085	0.876	42.2361	-96.4714
68072	66	28	99803	0	0.039	0	41.60918	-96.5048
68073	1960	769	1.11E+08	7062174	42.982	2.727	41.25613	-96.4154
68102	6102	3495	4645662	364982	1.794	0.141	41.26213	-95.9339
68104	34664	15099	17058327	45443	6.586	0.018	41.29543	-96.0023
68105	23842	10707	9746876	5709	3.763	0.002	41.24074	-95.9637
68106	19936	9894	13054674	50523	5.04	0.02	41.23879	-96.0023
68107	29491	9996	17081950	519194	6.595	0.2	41.20827	-95.9534
68108	14664	5728	8351422	249682	3.225	0.096	41.23755	-95.9301
68110	9173	3352	22322242	2352417	8.619	0.908	41.3025	-95.8925
68111	23393	9665	13569629	19725	5.239	0.008	41.29546	-95.9649
68112	11508	4668	39255444	2457400	15.157	0.949	41.37486	-95.9591
68113	994	242	8163479	40088	3.152	0.015	41.11785	-95.9065
68114	16928	8847	15042981	135727	5.808	0.052	41.26321	-96.0505
68116	25429	9876	23303297	116043	8.997	0.045	41.29896	-96.1671
68117	8032	3205	11798424	76308	4.555	0.029	41.20713	-96.0006
68118	9389	3441	10427004	53429	4.026	0.021	41.26386	-96.179
68122	9794	3796	50063353	2167067	19.33	0.837	41.3725	-96.0492
68123	27926	11280	59381093	3488351	22.927	1.347	41.10182	-95.9435

68124	15690	7074	14864659	89051	5.739	0.034	41.23547	-96.0513
68127	21117	10282	17229210	58762	6.652	0.023	41.20561	-96.0498
68128	17784	7333	16587189	8905	6.404	0.003	41.18207	-96.0653
68130	17972	6983	19764618	561417	7.631	0.217	41.2357	-96.1954
68131	12302	6535	5270224	0	2.035	0	41.26457	-95.9645
68132	14101	6549	6813565	6693	2.631	0.003	41.26233	-96.0011
68133	9703	3275	45569788	530086	17.595	0.205	41.11256	-95.9955
68134	28257	13213	22155789	60020	8.554	0.023	41.30148	-96.0488
68135	25875	8450	20747084	567717	8.01	0.219	41.20738	-96.1936
68136	13829	4941	22030699	272292	8.506	0.105	41.1687	-96.1869
68137	24921	10541	21468364	111220	8.289	0.043	41.20583	-96.1186
68138	12013	4742	31294556	680393	12.083	0.263	41.156	-96.128
68142	3072	1262	48643756	112144	18.781	0.043	41.37115	-96.1071
68144	24233	10374	19371385	45099	7.479	0.017	41.23498	-96.1185
68147	10351	3916	13079652	4393	5.05	0.002	41.17306	-95.9597
68152	5837	2572	35294242	179659	13.627	0.069	41.36853	-96
68154	22692	10476	16977410	199582	6.555	0.077	41.26514	-96.1144
68157	5213	1979	6503544	33186	2.511	0.013	41.17846	-95.994
68164	27387	11865	23025222	591449	8.89	0.228	41.29688	-96.1067
68178	1573	0	300473	0	0.116	0	41.2657	-95.9477
68301	1466	587	2.62E+08	1756652	101.063	0.678	40.45868	-96.5325
68303	289	164	1.59E+08	269565	61.255	0.104	40.26836	-97.4286
68304	330	143	57003039	44174	22.009	0.017	40.87884	-96.3979
68305	4389	2157	3.67E+08	187492	141.845	0.072	40.3686	-95.8646
68307	515	234	1.05E+08	164052	40.468	0.063	40.78887	-96.131
68309	121	58	4737174	15934	1.829	0.006	40.05577	-96.5672
68310	14546	6905	5.4E+08	5953654	208.343	2.299	40.24982	-96.7495
68313	900	393	1.94E+08	1384853	75.053	0.535	40.78368	-97.2713
68314	351	162	84556681	723840	32.648	0.279	41.01126	-97.0359
68315	129	72	1E+08	35360	38.719	0.014	40.25262	-97.5441
68316	447	201	1.43E+08	501315	55.199	0.194	41.02457	-97.6264
68317	1495	624	1.16E+08	0	44.825	0	40.67174	-96.5073
68318	526	260	1.23E+08	1570033	47.367	0.606	40.151	-96.6376
68319	552	266	1.81E+08	1468363	69.859	0.567	40.93776	-97.7597
68320	369	196	1.53E+08	39413	59.114	0.015	40.48715	-95.939
68321	311	190	72669843	1074846	28.058	0.415	40.38921	-95.6883
68322	440	225	1.44E+08	114881	55.682	0.044	40.34248	-97.5496
68323	315	221	2.81E+08	3196545	108.361	1.234	40.14265	-96.3822
68324	174	91	74658687	0	28.826	0	40.56005	-96.2922
68325	232	143	1.3E+08	169888	50.377	0.066	40.0241	-97.7531
68326	241	109	1.17E+08	115673	45.36	0.045	40.28341	-97.6842
68327	299	184	82056838	202935	31.682	0.078	40.02411	-97.624
68328	429	215	87060623	873519	33.614	0.337	40.48503	-96.8358
68329	673	338	1.88E+08	465422	72.642	0.18	40.49792	-96.1692
68331	961	401	1.3E+08	925735	50.297	0.357	40.47287	-96.7148
68332	146	83	1.16E+08	75517	44.687	0.029	40.31511	-96.4003
68333	8327	2995	3E+08	3000258	115.771	1.158	40.62218	-96.9498

68335	518	275	1.99E+08	155434	76.75	0.06	40.27489	-97.804
68336	557	223	50681226	379863	19.568	0.147	40.96586	-96.6909
68337	383	216	1.79E+08	40642	69.186	0.016	40.09841	-95.8319
68338	324	163	1.48E+08	810646	57.081	0.313	40.31391	-97.265
68339	1311	498	1.12E+08	1373482	43.271	0.53	40.73205	-96.8701
68340	992	504	1.63E+08	261168	63.022	0.101	40.12534	-97.7553
68341	1041	477	2.57E+08	2011903	99.077	0.777	40.38111	-96.9203
68342	530	259	1.86E+08	2149183	71.72	0.83	40.09717	-96.9463
68343	1050	457	2.38E+08	1103716	91.716	0.426	40.61823	-97.1321
68344	441	214	1.04E+08	251755	40.179	0.097	40.56674	-96.3998
68345	269	157	1.26E+08	292566	48.778	0.113	40.04058	-96.0249
68346	493	209	1.41E+08	1199823	54.315	0.463	40.6577	-96.0252
68347	2570	953	88818031	128901	34.293	0.05	40.80457	-96.4258
68348	256	137	1.01E+08	123971	39.051	0.048	40.31032	-96.1329
68349	1098	454	1.3E+08	466573	50.292	0.18	40.83163	-96.2969
68350	216	112	64427951	1896438	24.876	0.732	40.04168	-97.0697
68351	853	412	2.39E+08	461006	92.136	0.178	40.66136	-97.4346
68352	5222	2775	7.52E+08	6448650	290.532	2.49	40.1424	-97.2292
68354	839	437	2.6E+08	1844661	100.468	0.712	40.63898	-97.5772
68355	5113	2570	3.92E+08	2370842	151.299	0.915	40.109	-95.5679
68357	421	190	1.34E+08	1317826	51.75	0.509	40.31293	-96.5478
68358	1877	616	1.24E+08	520661	48.047	0.201	40.53142	-96.6083
68359	1585	775	3.19E+08	484486	123.337	0.187	40.63129	-97.2848
68360	501	207	56605306	450220	21.855	0.174	40.95056	-96.9564
68361	2573	1215	2.51E+08	70759	96.904	0.027	40.51215	-97.5988
68362	46	27	12729491	19761	4.915	0.008	40.15225	-97.4414
68364	142	73	345832	0	0.134	0	40.83267	-97.2188
68365	245	122	1.41E+08	284486	54.445	0.11	40.60455	-97.7184
68366	1047	425	1.34E+08	475452	51.873	0.184	40.97411	-96.4349
68367	461	238	1.75E+08	485137	67.611	0.187	41.03952	-97.3968
68368	485	193	92166781	826807	35.586	0.319	40.55775	-96.8227
68370	2075	1020	4.44E+08	979711	171.269	0.378	40.13964	-97.5476
68371	1467	682	2.03E+08	840615	78.35	0.325	40.77138	-97.7901
68372	2827	1033	93111444	2392047	35.951	0.924	40.60835	-96.6055
68375	121	77	1.06E+08	907315	40.861	0.35	40.03319	-97.4561
68376	1445	767	3.82E+08	772805	147.542	0.298	40.17436	-95.9453
68377	425	202	1.38E+08	1621524	53.149	0.626	40.21394	-97.0191
68378	680	343	1.69E+08	196026	65.219	0.076	40.38599	-96.0184
68379	59	38	227491	0	0.088	0	40.51989	-95.8674
68380	81	43	10456081	40643	4.037	0.016	40.24315	-96.3841
68381	249	115	1.61E+08	1473796	62.067	0.569	40.07665	-96.4806
68382	41	20	104075	0	0.04	0	40.5973	-96.0241
68401	717	322	1.15E+08	1208855	44.429	0.467	40.7386	-97.5911
68402	1210	478	85624418	0	33.06	0	40.9078	-96.8572
68403	206	80	1659658	3130	0.641	0.001	40.92064	-96.168
68404	902	366	1.27E+08	1351567	48.881	0.522	40.61363	-96.7528
68405	3257	1276	2.05E+08	2201773	79.061	0.85	40.76205	-97.0735

68406	458	271	1.39E+08	22228	53.56	0.009	40.50009	-97.3856
68407	747	328	1.18E+08	207376	45.707	0.08	40.9167	-96.267
68409	807	343	80677608	12760	31.15	0.005	40.90771	-95.9542
68410	8716	3859	3.93E+08	5620033	151.762	2.17	40.63494	-95.8831
68413	533	240	1.32E+08	19898	50.795	0.008	40.83885	-96.0126
68414	256	156	1.26E+08	2791666	48.767	1.078	40.3081	-95.6658
68415	649	288	1.84E+08	1872224	71.164	0.723	40.06963	-96.8212
68416	226	128	1.18E+08	121242	45.421	0.047	40.4103	-97.4595
68417	292	133	62053860	370316	23.959	0.143	40.73317	-96.0941
68418	1070	458	1.7E+08	49766	65.741	0.019	40.68777	-96.4034
68419	256	100	734783	0	0.284	0	40.59981	-96.5112
68420	1285	735	3.5E+08	457118	135.264	0.176	40.09297	-96.2095
68421	1107	385	1.18E+08	1609681	45.529	0.622	40.49398	-95.7435
68422	513	230	1.21E+08	923950	46.768	0.357	40.38874	-96.6947
68423	898	391	1.4E+08	1834375	54.052	0.708	40.80748	-96.9575
68424	730	338	1.67E+08	1909239	64.541	0.737	40.2992	-97.0163
68428	1375	544	1.34E+08	7437676	51.692	2.872	40.96442	-96.7931
68430	1402	537	1.14E+08	0	44.06	0	40.66862	-96.6634
68431	353	219	1.25E+08	3683057	48.255	1.422	40.06756	-95.4382
68433	265	153	1.34E+08	35497	51.618	0.014	40.05334	-95.7385
68434	8576	3468	4.11E+08	2802437	158.795	1.082	40.90959	-97.1169
68436	581	282	2.4E+08	290408	92.474	0.112	40.43026	-97.7383
68437	261	158	77989776	69655	30.112	0.027	40.22607	-95.644
68438	142	63	251649	0	0.097	0	40.62661	-96.7446
68439	478	213	94293848	644835	36.407	0.249	40.9959	-97.2055
68440	110	82	53575153	253449	20.685	0.098	40.06056	-97.0018
68441	302	143	1.63E+08	230489	62.877	0.089	40.22244	-96.2401
68442	313	170	98026625	0	37.848	0	40.23867	-95.7732
68443	1047	483	2.69E+08	554810	103.919	0.214	40.44746	-96.3501
68444	97	52	69322261	0	26.765	0	40.41138	-97.5771
68445	152	91	57075187	0	22.037	0	40.38923	-97.0792
68446	2690	1210	2.61E+08	969051	100.61	0.374	40.6534	-96.1754
68447	464	274	1.33E+08	22695	51.423	0.009	40.20889	-96.0726
68448	399	191	88569828	96011	34.197	0.037	40.55786	-96.0242
68450	3182	1188	3.24E+08	430816	125.084	0.166	40.36354	-96.2297
68452	86	52	39860066	0	15.39	0	40.39444	-97.8523
68453	304	172	1.55E+08	237366	59.665	0.092	40.41299	-97.3258
68454	625	296	1.43E+08	0	55.17	0	40.69182	-96.2885
68455	681	345	89906784	1420704	34.713	0.549	40.82005	-95.8973
68456	1127	470	1.42E+08	540652	54.975	0.209	40.90905	-97.3209
68457	343	192	1.03E+08	93758	39.594	0.036	40.15319	-95.6994
68458	135	75	61369878	629954	23.695	0.243	40.2275	-96.509
68460	788	368	2.49E+08	2077902	96.131	0.802	40.89074	-97.4351
68461	734	278	62334067	2109	24.067	0.001	40.76233	-96.5114
68462	3827	1367	1.43E+08	537394	55.315	0.207	40.95213	-96.5197
68463	1517	664	1.47E+08	147347	56.879	0.057	40.8758	-96.129
68464	478	266	2.08E+08	169069	80.413	0.065	40.42874	-97.2068

68465	2404	1031	2.59E+08	1861633	100.035	0.719	40.48634	-97.0222
68466	1861	955	2.54E+08	2856898	98.021	1.103	40.06685	-96.6428
68467	9338	4183	4.67E+08	1730302	180.197	0.668	40.86636	-97.5956
68502	26238	12001	15309818	1312	5.911	0.001	40.78581	-96.698
68503	15264	6572	7656099	0	2.956	0	40.82455	-96.674
68504	16444	8205	17336291	351017	6.694	0.136	40.85448	-96.6602
68505	15137	6847	9708777	0	3.749	0	40.82484	-96.6193
68506	27952	13228	18624692	396740	7.191	0.153	40.78366	-96.6322
68507	13429	6086	26650121	0	10.29	0	40.85889	-96.6148
68508	14475	4814	7648228	274984	2.953	0.106	40.81827	-96.7039
68510	20514	9917	15074870	76029	5.82	0.029	40.80624	-96.6357
68512	11659	4740	23531211	0	9.085	0	40.7388	-96.7075
68514	127	47	13373930	23465	5.164	0.009	40.92198	-96.6531
68516	38956	15813	49322145	87633	19.043	0.034	40.73528	-96.6428
68517	538	193	69413507	395545	26.801	0.153	40.93625	-96.615
68520	1143	494	28705971	26827	11.083	0.01	40.8	-96.5523
68521	31733	12857	37458957	228480	14.463	0.088	40.86827	-96.7055
68522	12728	4274	27917278	125341	10.779	0.048	40.79011	-96.7625
68523	1390	506	41415516	288839	15.991	0.112	40.73563	-96.7582
68524	5983	2020	79415055	2880790	30.662	1.112	40.90702	-96.7874
68526	4800	1715	29190810	11181	11.271	0.004	40.72997	-96.5821
68527	696	275	70182861	0	27.098	0	40.84711	-96.5242
68528	6285	2731	49796346	1682760	19.226	0.65	40.82084	-96.8302
68531	48	19	10522148	0	4.063	0	40.90143	-96.7232
68532	493	182	22806310	0	8.806	0	40.79205	-96.8427
68601	28185	12031	7.47E+08	27281759	288.588	10.534	41.4545	-97.3983
68620	2967	1406	7.93E+08	325986	306.147	0.126	41.7452	-98.0745
68621	517	254	83598058	5102648	32.277	1.97	41.49216	-96.6395
68622	275	140	4.54E+08	61190	175.266	0.024	41.94897	-98.6254
68623	313	155	2.25E+08	1238877	87.04	0.478	41.44147	-98.152
68624	1062	586	1.79E+08	5926491	69.257	2.288	41.34561	-97.2294
68626	614	314	1.61E+08	1103181	62.061	0.426	41.1695	-96.992
68627	622	328	3.31E+08	364024	127.968	0.141	41.55901	-98.1744
68628	826	520	2.77E+08	8725680	107.079	3.369	41.22762	-97.8369
68629	1344	644	3.74E+08	443070	144.245	0.171	41.71965	-97.1326
68631	480	215	1.08E+08	131235	41.729	0.051	41.69209	-97.3446
68632	3989	1713	4.01E+08	2390329	154.945	0.923	41.24615	-97.1312
68633	1179	530	2.67E+08	220183	103.244	0.085	41.7062	-96.8964
68634	345	140	1064067	0	0.411	0	41.3899	-97.4931
68635	491	239	1.42E+08	772197	54.759	0.298	41.08342	-97.0159
68636	1254	651	5.84E+08	153022	225.36	0.059	42.00922	-98.1526
68637	267	307	2.51E+08	880989	96.844	0.34	41.88102	-98.7218
68638	1749	879	3.94E+08	9251569	152.019	3.572	41.37549	-97.9929
68640	1613	717	3.2E+08	2506207	123.56	0.968	41.46037	-97.7859
68641	1063	510	2.45E+08	108524	94.78	0.042	41.73567	-97.0153
68642	1721	703	3.36E+08	483604	129.594	0.187	41.68922	-97.5139
68643	903	436	2.48E+08	567598	95.691	0.219	41.70598	-97.2633

68644	721	313	2.36E+08	102205	90.935	0.039	41.70426	-97.67
68647	646	279	1.76E+08	1530211	67.898	0.591	41.51877	-97.6283
68648	484	245	1.07E+08	1115869	41.366	0.431	41.40072	-96.8003
68649	1835	963	2.67E+08	11314548	103.271	4.369	41.50505	-96.7854
68651	1470	666	3.23E+08	321767	124.548	0.124	41.22822	-97.5701
68652	715	347	3.25E+08	183956	125.535	0.071	41.8614	-98.0442
68653	783	322	1.5E+08	334994	57.746	0.129	41.55824	-97.486
68654	541	289	1.39E+08	250927	53.679	0.097	41.06703	-97.7791
68655	159	80	76965011	709586	29.716	0.274	41.65556	-98.2425
68658	683	305	1.95E+08	218949	75.3	0.085	41.19767	-97.2912
68659	215	89	83996641	22510	32.431	0.009	41.54594	-96.9354
68660	1137	531	3.46E+08	26621	133.476	0.01	41.57282	-97.8696
68661	7282	2536	3.95E+08	10245827	152.461	3.956	41.49251	-97.0886
68662	1231	539	2.43E+08	308184	93.677	0.119	41.2107	-97.4176
68663	761	388	2.33E+08	7910328	89.849	3.054	41.31918	-97.6851
68664	300	144	1033974	0	0.399	0	41.70401	-96.7865
68665	940	460	7.26E+08	347083	280.43	0.134	41.76988	-98.3922
68666	1611	734	2.33E+08	350844	89.936	0.135	41.1106	-97.6112
68667	92	43	37934329	106884	14.647	0.041	41.10977	-97.3048
68669	422	210	1.45E+08	612968	55.841	0.237	41.07923	-97.2369
68701	30670	13197	4.91E+08	5117303	189.664	1.976	42.01998	-97.443
68710	830	368	2.2E+08	298182	84.772	0.115	42.44187	-96.8593
68711	141	94	6.13E+08	2525555	236.49	0.975	42.19807	-99.041
68713	2212	1118	1.48E+09	3972300	570.835	1.534	42.54015	-98.9596
68714	1224	737	1.88E+09	8099991	724.969	3.127	42.43111	-99.4952
68715	1446	574	1.45E+08	998350	56.134	0.385	41.96389	-97.6099
68716	1011	469	1.55E+08	1576892	59.888	0.609	41.92684	-96.8226
68717	198	107	58868955	3590	22.729	0.001	42.38787	-97.223
68718	1765	913	5.81E+08	10250292	224.285	3.958	42.66835	-97.693
68719	146	110	1.57E+08	2124640	60.789	0.82	42.95446	-98.5602
68720	340	171	1.73E+08	51634	66.738	0.02	42.345	-98.0147
68722	555	304	2.41E+08	287847	93.108	0.111	42.92994	-98.869
68723	566	260	1.8E+08	62194	69.34	0.024	42.28275	-97.2082
68724	140	75	88344183	0	34.11	0	42.63801	-97.894
68725	501	284	4.35E+08	67683	168.118	0.026	42.19741	-98.7779
68726	893	383	3.12E+08	754172	120.576	0.291	42.18466	-98.2101
68727	730	402	1.84E+08	53341	71.07	0.021	42.5153	-97.2025
68728	254	113	62532475	106013	24.144	0.041	42.37513	-96.9471
68729	1745	866	4.1E+08	477013	158.4	0.184	42.47187	-97.9051
68730	1860	1121	3.55E+08	31082288	137.084	12.001	42.76726	-97.5346
68731	2637	938	94360772	829484	36.433	0.32	42.40458	-96.4729
68732	260	114	1.21E+08	11050	46.901	0.004	42.49383	-96.9787
68733	1286	579	2.57E+08	260391	99.173	0.101	42.28512	-96.7252
68734	155	61	62561774	14362	24.155	0.006	42.45851	-98.804
68735	922	440	9.63E+08	1876284	371.989	0.724	42.13952	-98.466
68736	726	284	1.82E+08	0	70.103	0	42.73537	-97.3678
68739	3002	1274	5.77E+08	46806	222.969	0.018	42.626	-97.27

68740	892	357	1.81E+08	166705	70.031	0.064	42.15235	-97.2962
68741	790	303	1.66E+08	126080	64.027	0.049	42.34302	-96.5945
68742	243	128	1.01E+08	28316	38.959	0.011	42.35242	-98.5294
68743	693	285	1.65E+08	2725602	63.7	1.052	42.45833	-96.6302
68745	1572	721	3.09E+08	45907	119.144	0.018	42.4562	-97.0839
68746	480	439	6.04E+08	11937882	233.367	4.609	42.80964	-98.4374
68747	174	88	82997199	12141	32.045	0.005	42.39115	-97.4961
68748	3260	1160	4.38E+08	977049	169.054	0.377	41.8426	-97.4737
68749	65	42	5226605	0	2.018	0	42.45309	-97.4754
68751	76	34	414370	0	0.16	0	42.69045	-96.9809
68752	789	375	3.78E+08	1001409	145.834	0.387	42.02878	-97.7237
68753	111	77	3.81E+08	636404	146.97	0.246	42.88951	-99.4277
68755	259	177	3.75E+08	126000	144.912	0.049	42.92651	-99.13
68756	2058	1017	3.39E+08	497699	130.833	0.192	42.18246	-97.9819
68757	754	418	3.31E+08	9617565	127.956	3.713	42.65295	-96.9297
68758	1164	575	2.91E+08	205603	112.302	0.079	41.79243	-97.7859
68759	295	181	6.36E+08	778508	245.485	0.301	42.70414	-99.3105
68760	1364	896	5.43E+08	36934225	209.527	14.26	42.70884	-97.875
68761	434	224	1.01E+08	1067291	39.048	0.412	42.0499	-97.9621
68763	4887	2346	1.4E+09	828845	541.743	0.32	42.50104	-98.6082
68764	753	395	3.52E+08	314213	136.083	0.121	42.40488	-98.2317
68765	1380	599	3.03E+08	103952	116.979	0.04	42.3423	-97.6137
68766	393	220	3.19E+08	114588	122.974	0.044	42.43323	-98.4031
68767	3174	1331	5.46E+08	3302028	210.925	1.275	42.1994	-97.5528
68768	642	352	1.78E+08	1559964	68.855	0.602	41.99522	-97.0664
68769	1806	913	3.72E+08	77983	143.578	0.03	42.32516	-97.8113
68770	1552	689	2.37E+08	6244126	91.615	2.411	42.56162	-96.7648
68771	1637	752	3.8E+08	190972	146.817	0.074	42.39562	-97.36
68773	173	94	1.38E+08	267542	53.232	0.103	42.35907	-98.1186
68774	348	169	1.03E+08	5879350	39.75	2.27	42.81287	-97.2743
68776	15447	5493	53727629	2575627	20.744	0.994	42.46742	-96.4471
68777	774	453	4.59E+08	2793687	177.318	1.079	42.86084	-98.688
68778	572	374	1.23E+09	1410232	474.482	0.544	42.85301	-99.7985
68779	2433	1104	4.41E+08	4185027	170.344	1.616	41.95717	-97.199
68780	1028	496	8.02E+08	671658	309.711	0.259	42.63296	-99.1282
68781	1407	662	3E+08	1142194	115.771	0.441	42.02575	-97.8638
68783	1086	543	5.73E+08	2896501	221.181	1.118	42.61847	-98.1592
68784	2104	862	2.71E+08	1422414	104.704	0.549	42.25717	-96.8914
68785	274	125	79397212	0	30.655	0	42.42653	-96.7241
68786	1079	485	3.13E+08	10926	120.978	0.004	42.50156	-97.5574
68787	6647	2498	3.64E+08	184268	140.506	0.071	42.21311	-97.031
68788	4898	2237	4.98E+08	5509745	192.429	2.127	41.83963	-96.7213
68789	176	108	1.14E+08	76616	43.923	0.03	42.54352	-97.9703
68790	777	357	1.69E+08	92091	65.291	0.036	42.15667	-97.1818
68791	1800	859	3.45E+08	2688644	133.17	1.038	41.98843	-96.9844
68792	407	300	1.45E+08	6594623	55.948	2.546	42.74292	-97.1082
68801	30005	11506	2.32E+08	3685761	89.676	1.423	40.94804	-98.2907

68803	22560	9613	2.26E+08	172964	87.403	0.067	40.95608	-98.4146
68810	1109	435	49271594	43597	19.024	0.017	40.85528	-98.4637
68812	785	333	3.06E+08	68004	118.244	0.026	40.88778	-99.2838
68813	534	282	1.46E+09	1464782	562.601	0.566	41.69913	-99.8564
68814	911	494	5E+08	0	192.935	0	41.31649	-99.4129
68815	596	326	3.87E+08	40545	149.592	0.016	41.41828	-99.144
68816	180	72	96840065	0	37.39	0	41.17738	-98.1329
68817	386	213	2.44E+08	146022	94.219	0.056	41.26748	-98.7938
68818	5475	2333	4.7E+08	1290609	181.542	0.498	40.81785	-98.0059
68820	391	195	1.05E+08	1408752	40.481	0.544	41.1129	-98.7014
68821	134	103	5.18E+08	2491381	199.82	0.962	42.01045	-99.7676
68822	4834	2298	1.03E+09	296673	397.438	0.115	41.38092	-99.6317
68823	2401	1443	2.41E+09	11752214	929.68	4.538	41.9244	-99.1118
68824	1414	586	2.76E+08	865641	106.653	0.334	40.99414	-98.5977
68825	1024	519	8.15E+08	37872	314.849	0.015	41.26406	-99.9681
68826	3955	1836	3.75E+08	7207232	144.967	2.783	41.16359	-98.0164
68827	693	300	1.59E+08	2225099	61.291	0.859	41.04266	-98.1815
68828	240	174	2.55E+08	25305	98.47	0.01	41.54954	-99.2374
68831	812	372	1.69E+08	2565015	65.147	0.99	41.10868	-98.5547
68832	1974	830	2.8E+08	7032491	108.14	2.715	40.7633	-98.3692
68833	299	188	1.19E+09	5198912	459.845	2.007	41.82584	-100.205
68834	226	106	2.49E+08	0	96.32	0	41.03161	-99.6589
68835	485	256	2.53E+08	3045124	97.602	1.176	41.3319	-98.6172
68836	1688	720	3.84E+08	5745863	148.243	2.218	40.70981	-99.374
68837	103	55	62762485	0	24.233	0	41.65979	-99.0766
68838	301	146	1.32E+08	247	51.009	0	41.21766	-98.6709
68840	2945	1176	3.78E+08	3951492	145.888	1.526	40.75967	-98.8775
68841	610	253	1.69E+08	373359	65.22	0.144	40.75883	-98.1712
68842	668	360	4.13E+08	0	159.652	0	41.56755	-98.5005
68843	806	345	2.14E+08	503836	82.62	0.195	40.90525	-97.8908
68844	228	118	1.16E+08	39958	44.728	0.015	41.0541	-99.0594
68845	19523	7718	2.89E+08	1610800	111.554	0.622	40.72104	-99.1647
68846	296	136	74099987	61065	28.61	0.024	41.06825	-97.8952
68847	16504	7194	2.43E+08	2279281	93.909	0.88	40.76003	-99.0171
68849	384	0	431572	0	0.167	0	40.7007	-99.1094
68850	12295	4253	6.76E+08	3463892	260.92	1.337	40.82641	-99.7398
68852	565	277	2.83E+08	114533	109.401	0.044	41.1613	-99.1246
68853	1559	1128	5.07E+08	12278705	195.673	4.741	41.29428	-98.9918
68854	731	385	1.78E+08	3504156	68.752	1.353	41.00992	-98.0024
68855	417	232	4.89E+08	42202	188.834	0.016	41.16937	-99.3255
68856	611	286	2.84E+08	32290	109.763	0.012	41.54173	-99.7584
68858	266	125	1.59E+08	205871	61.278	0.079	40.96565	-99.3763
68859	509	296	2.25E+08	2175376	86.796	0.84	41.47452	-98.8255
68860	324	184	4.66E+08	6101	180.086	0.002	41.13393	-99.7953
68861	118	52	952799	0	0.368	0	40.70236	-99.2588
68862	3007	1561	7.32E+08	3011645	282.533	1.163	41.59996	-98.9365
68863	1151	507	3.16E+08	5631172	122.107	2.174	40.7663	-99.5321

68864	1027	449	4.42E+08	5241062	170.47	2.024	41.26363	-98.2352
68865	894	408	1.62E+08	4556384	62.36	1.759	40.89655	-98.1787
68866	850	372	3.07E+08	80443	118.416	0.031	40.97695	-99.1244
68869	2202	1048	5.37E+08	2052669	207.236	0.793	40.99614	-98.8842
68870	439	198	1.11E+08	32183	42.973	0.012	40.85399	-99.1671
68871	250	127	1.69E+08	2388308	65.389	0.922	41.14092	-98.8528
68872	853	347	1.72E+08	0	66.584	0	41.09486	-98.334
68873	3289	1560	4.57E+08	7560218	176.544	2.919	41.24011	-98.4538
68874	956	536	6.93E+08	98280	267.585	0.038	41.64412	-99.4189
68875	658	324	5.09E+08	1798226	196.353	0.694	41.56313	-98.6705
68876	1545	657	2.34E+08	3241695	90.502	1.252	40.81843	-98.7552
68878	446	201	3.45E+08	91099	133.143	0.035	40.98233	-99.5179
68879	417	237	8.89E+08	725744	343.115	0.28	41.89771	-99.5098
68881	73	30	64864705	0	25.044	0	41.43843	-99.3519
68882	473	256	3.03E+08	43563	117.031	0.017	41.44	-98.3894
68883	2411	954	4.41E+08	5496732	170.445	2.122	40.80824	-98.5973
68901	26354	11340	3.55E+08	1479078	137.103	0.571	40.59259	-98.3723
68920	1446	753	3.3E+08	27169201	127.286	10.49	40.15454	-99.3399
68922	1336	667	4.23E+08	180931	163.507	0.07	40.3352	-99.8964
68923	131	60	4134903	0	1.596	0	40.35911	-99.4683
68924	1180	475	2.53E+08	0	97.616	0	40.49556	-99.119
68925	474	186	1.58E+08	115248	60.912	0.044	40.42876	-98.4301
68926	783	465	3.7E+08	297036	143.015	0.115	40.10527	-99.8391
68927	1164	519	3.98E+08	573360	153.721	0.221	40.49998	-99.6339
68928	426	205	2.96E+08	29964	114.463	0.012	40.28435	-98.6068
68929	160	108	1.31E+08	65288	50.402	0.025	40.15088	-99.05
68930	1461	609	3.64E+08	71634	140.433	0.028	40.28477	-98.4156
68932	493	235	1.9E+08	84288	73.265	0.033	40.31529	-98.7227
68933	932	440	1.56E+08	103878	60.058	0.04	40.51784	-98.023
68934	188	98	69750110	142444	26.931	0.055	40.33882	-98.139
68935	750	373	3.14E+08	564628	121.128	0.218	40.37836	-97.962
68936	243	132	1.95E+08	842225	75.32	0.325	40.32845	-99.7714
68937	1836	1439	4.11E+08	14507213	158.635	5.601	40.59096	-99.8819
68938	582	292	1.51E+08	823642	58.327	0.318	40.4156	-98.1171
68939	1318	674	3.18E+08	0	122.797	0	40.10129	-98.9689
68940	496	220	2.43E+08	62673	94.002	0.024	40.54715	-99.2468
68941	832	356	2.18E+08	0	84.018	0	40.45721	-98.2781
68942	490	289	3.76E+08	244028	145.292	0.094	40.0966	-98.3006
68943	269	138	1.34E+08	178883	51.615	0.069	40.05737	-97.9073
68944	1323	588	2.72E+08	661993	104.903	0.256	40.6436	-98.0948
68945	213	90	1.06E+08	0	41.006	0	40.56823	-98.7778
68946	53	36	68518933	0	26.455	0	40.11164	-99.9858
68947	549	276	1.79E+08	0	69.197	0	40.2801	-99.0477
68948	363	211	2.35E+08	120050	90.638	0.046	40.31826	-100.021
68949	6567	3026	5.53E+08	36417	213.512	0.014	40.42722	-99.3896
68950	331	156	1.23E+08	0	47.547	0	40.46178	-98.6694
68952	172	80	1.7E+08	1925	65.637	0.001	40.07628	-98.6626

68954	94	43	30138497	14013	11.637	0.005	40.62295	-98.2344
68955	2025	766	2.46E+08	684748	95.03	0.264	40.5955	-98.5397
68956	1215	493	2.54E+08	1702656	98.032	0.657	40.63632	-98.691
68957	631	292	2.78E+08	139460	107.464	0.054	40.27395	-98.2464
68958	661	279	1.93E+08	212821	74.501	0.082	40.51881	-99.4974
68959	4015	1812	7.91E+08	211662	305.579	0.082	40.484	-98.916
68960	183	128	1.41E+08	176546	54.485	0.068	40.09665	-99.1363
68961	732	447	3.28E+08	582720	126.542	0.225	40.209	-98.0438
68964	135	75	81663976	151315	31.531	0.058	40.2381	-97.9119
68966	674	385	3.19E+08	277548	123.106	0.107	40.15991	-99.4673
68967	1142	613	4.99E+08	1413109	192.498	0.546	40.25404	-99.6244
68969	38	26	3990161	0	1.541	0	40.30387	-99.2834
68970	1342	773	3.96E+08	7469	152.92	0.003	40.11032	-98.5096
68971	458	798	2.43E+08	25776938	93.704	9.953	40.11063	-99.2479
68972	209	149	3.34E+08	216580	129.039	0.084	40.11886	-98.811
68973	463	194	1.3E+08	90218	50.334	0.035	40.45478	-98.5648
68974	184	111	81178830	114708	31.343	0.044	40.12586	-97.8677
68975	160	60	70484309	315842	27.214	0.122	40.61881	-97.9486
68976	316	147	2.38E+08	101622	91.971	0.039	40.59046	-99.7276
68977	342	189	2.75E+08	0	106.209	0	40.06984	-99.6309
68978	2377	1323	3.7E+08	564454	142.905	0.218	40.06666	-98.0975
68979	1888	835	3.28E+08	1140027	126.771	0.44	40.58968	-97.8515
68980	388	148	76931806	225009	29.704	0.087	40.67661	-98.2507
68981	314	160	2.12E+08	22754	81.981	0.009	40.27873	-98.8962
68982	649	282	2.64E+08	0	101.819	0	40.3323	-99.1801
69001	9449	4519	1.15E+09	6705083	444.686	2.589	40.24671	-100.644
69020	397	209	2.45E+08	79141	94.535	0.031	40.19725	-100.301
69021	1348	751	7.83E+08	1795004	302.471	0.693	40.14161	-101.54
69022	1570	942	9.19E+08	9673934	354.712	3.735	40.3602	-100.189
69023	440	229	5.82E+08	1085588	224.74	0.419	40.48298	-101.907
69024	1195	571	7.48E+08	11602	288.696	0.004	40.23273	-100.847
69025	1220	571	6.12E+08	213207	236.447	0.082	40.62087	-100.509
69026	220	117	1.3E+08	0	50.328	0	40.04677	-100.43
69027	133	96	1.02E+08	6370386	39.31	2.46	40.42728	-101.544
69028	731	376	4.6E+08	1485100	177.552	0.573	40.63915	-100.057
69029	316	190	5.12E+08	141931	197.671	0.055	40.70897	-100.253
69030	324	184	8.56E+08	723501	330.671	0.279	40.21172	-101.92
69032	498	258	8.68E+08	304251	335.011	0.117	40.57066	-101.014
69033	2577	1183	9.53E+08	381652	367.822	0.147	40.55938	-101.676
69034	908	454	4.94E+08	895650	190.697	0.346	40.25091	-100.434
69036	126	76	1.29E+08	0	49.857	0	40.04868	-100.274
69037	115	68	1.97E+08	50542	75.991	0.02	40.18498	-101.406
69038	449	244	4.52E+08	198127	174.702	0.076	40.58987	-100.748
69039	139	82	2.66E+08	327899	102.61	0.127	40.69211	-100.391
69040	634	362	5.12E+08	242596	197.774	0.094	40.35031	-101.125
69041	161	87	4.19E+08	244566	161.858	0.094	40.17124	-101.744
69042	36	28	1.09E+08	0	42.192	0	40.47667	-100.405

69043	549	344	4.95E+08	8546637	190.97	3.3	40.12871	-101.255
69044	825	635	4.86E+08	13426345	187.771	5.184	40.13015	-101.016
69045	975	516	9.69E+08	414241	374.005	0.16	40.46539	-101.369
69046	194	146	2.92E+08	0	112.65	0	40.07641	-100.087
69101	29904	13715	1.53E+09	11874639	591.497	4.585	41.1419	-100.801
69120	931	530	8.68E+08	124346	335.074	0.048	41.39701	-100.218
69121	400	223	1.63E+09	5148543	629.446	1.988	41.55743	-101.696
69122	619	348	4.91E+08	2022969	189.7	0.781	41.13125	-102.102
69123	935	485	5.23E+08	3370441	202.024	1.301	41.01147	-100.372
69125	346	213	6.18E+08	2444751	238.792	0.944	41.62649	-102.825
69127	739	640	4.47E+08	11748616	172.425	4.536	41.14105	-101.929
69128	302	179	1.12E+09	841581	430.668	0.325	41.22667	-103.929
69129	1368	720	7.98E+08	207987	307.924	0.08	41.1133	-102.409
69130	5307	2489	5.87E+08	2873299	226.573	1.109	40.89412	-99.953
69131	561	290	4.93E+08	0	190.278	0	41.4074	-102.974
69132	117	51	3.51E+08	0	135.694	0	40.7934	-100.958
69133	386	199	5.92E+08	0	228.737	0	41.18842	-103.46
69134	364	197	5.7E+08	519001	220.12	0.2	40.8353	-101.376
69135	65	44	4.11E+08	238973	158.865	0.092	42.22783	-100.206
69138	4489	2053	8.73E+08	689342	336.914	0.266	40.99582	-100.177
69140	1775	855	9.18E+08	1684794	354.53	0.651	40.8503	-101.773
69141	385	197	3E+08	0	115.824	0	41.30652	-102.955
69142	137	83	3.2E+08	1159082	123.412	0.448	41.91818	-100.32
69143	1460	631	6.18E+08	1242682	238.706	0.48	41.21152	-101.042
69144	202	128	3.13E+08	1628249	120.934	0.629	41.27216	-101.537
69145	3214	1633	1.07E+09	606865	414.789	0.234	41.24602	-103.668
69146	334	594	4.03E+08	87229239	155.747	33.679	41.31256	-101.773
69147	737	967	1.17E+09	3320562	450.609	1.282	41.57913	-102.087
69148	217	149	9.55E+08	9424780	368.742	3.639	41.59037	-102.598
69149	699	383	7.81E+08	203658	301.674	0.079	41.22175	-102.677
69150	522	239	4.37E+08	597741	168.614	0.231	40.8477	-101.543
69151	815	356	8.27E+08	782491	319.119	0.302	41.0902	-100.495
69152	886	520	3.87E+09	6473575	1494.275	2.499	42.12496	-101.147
69153	5769	2973	4.99E+08	22315082	192.627	8.616	41.10136	-101.676
69154	1291	726	1.16E+09	9557195	447.079	3.69	41.43057	-102.352
69155	1034	480	9.12E+08	1434575	352.303	0.554	41.18937	-101.396
69156	699	366	8.42E+08	0	325.138	0	41.31078	-103.332
69157	21	23	69850193	498206	26.969	0.192	42.06016	-100.144
69161	81	73	3.48E+08	1640328	134.417	0.633	42.15651	-100.781
69162	7765	3715	1.13E+09	100501	434.464	0.039	41.12886	-103.021
69163	873	431	1.68E+09	1203561	648.255	0.465	41.56964	-100.542
69165	1789	776	1.09E+09	11437911	419.514	4.416	41.26972	-101.21
69166	600	345	2.09E+09	6588428	807.208	2.544	42.02818	-100.609
69167	441	231	1.66E+09	1213707	640.817	0.469	41.59623	-101.006
69168	271	155	4.21E+08	0	162.441	0	40.799	-101.987
69169	651	291	6.57E+08	645351	253.76	0.249	40.82194	-101.161
69170	372	172	5.69E+08	693853	219.817	0.268	40.79603	-100.744

69171	26	12	7288061	0	2.814	0	40.89004	-100.071
69201	4005	2054	3.2E+09	56730918	1234.268	21.904	42.72363	-100.596
69210	2484	1402	2.04E+09	6896047	786.513	2.663	42.34939	-99.9232
69211	311	182	1.27E+09	6814334	489.406	2.631	42.83223	-101.303
69212	248	146	4.77E+08	244393	184.184	0.094	42.93293	-100.801
69214	203	124	7.54E+08	2902374	291.075	1.121	42.59855	-100.1
69216	232	125	6.19E+08	249232	238.836	0.096	42.97781	-100.984
69217	533	377	4.59E+08	15978	177.384	0.006	42.56521	-99.667
69218	260	152	1.34E+09	4630363	516.941	1.788	42.78925	-101.675
69219	80	49	7.54E+08	2292577	291.155	0.885	42.60061	-101.192
69220	59	39	1.26E+08	0	48.56	0	42.8656	-100.13
69221	222	130	1.19E+09	2557559	458.18	0.987	42.58249	-100.301
69301	10125	4864	2.66E+09	28121729	1026.76	10.858	42.12297	-102.881
69331	59	34	4.31E+08	1209959	166.431	0.467	41.91343	-102.983
69333	239	154	1.5E+09	20730839	579.381	8.004	42.05621	-101.974
69334	2351	1096	8.05E+08	849055	310.82	0.328	41.82181	-103.29
69335	53	44	2.67E+08	2619852	103.115	1.012	42.0738	-102.105
69336	2466	1163	1.19E+09	1757468	458.488	0.679	41.62853	-103.167
69337	7365	3199	1.8E+09	1311859	694.087	0.507	42.82718	-103.013
69339	1462	863	1E+09	347895	387.214	0.134	42.60693	-103.414
69340	121	69	7.6E+08	17924904	293.614	6.921	42.21487	-102.208
69341	11165	4731	5.7E+08	780882	220.087	0.302	41.72076	-103.633
69343	2538	1327	3.28E+09	18015556	1266.218	6.956	42.7055	-102.024
69345	455	244	1.14E+09	359656	438.329	0.139	41.58958	-103.745
69346	592	429	2.98E+09	1767718	1150.065	0.683	42.67153	-103.783
69347	1249	690	1.13E+09	667130	436.472	0.258	42.60682	-102.685
69348	1503	823	2.39E+09	33801	923.329	0.013	42.27553	-103.35
69350	383	262	1.18E+09	13960206	454.612	5.39	41.96242	-101.763
69351	235	142	2.06E+09	75785215	793.67	29.261	42.03876	-102.42
69352	619	301	3.42E+08	326700	132.095	0.126	41.80399	-103.974
69353	37	12	76819	0	0.03	0	41.74723	-103.417
69354	97	63	5.44E+08	6143617	210.212	2.372	42.36919	-103.604
69355	115	61	1465936	21653	0.566	0.008	41.78329	-103.506
69356	1882	946	3.3E+08	8917240	127.38	3.443	41.90159	-103.451
69357	3567	1622	8.13E+08	483625	314.013	0.187	42.1105	-103.768
69358	1907	903	4.86E+08	640831	187.521	0.247	42.06533	-103.968
69360	1361	752	1.09E+09	1296457	420.142	0.501	42.69659	-102.467
69361	17999	7977	2.96E+08	4215323	114.347	1.628	41.92284	-103.623
69365	44	20	47339013	72660	18.278	0.028	42.98409	-102.501
69366	253	146	1.8E+09	19830164	694.238	7.656	42.15943	-101.55
69367	259	137	5.42E+08	4307975	209.095	1.663	42.81182	-103.33
70001	37996	19261	15546989	0	6.003	0	29.98372	-90.1672
70002	18879	9411	8336101	611369	3.219	0.236	30.01222	-90.1625
70003	40150	17005	18179721	404870	7.019	0.156	30.00116	-90.2097
70005	24339	12663	10826238	479482	4.18	0.185	29.99942	-90.1341
70006	15703	6784	6705503	382484	2.589	0.148	30.01403	-90.1913
70030	4585	1784	81547151	13593924	31.486	5.249	29.81927	-90.4332

70031	1316	547	9109388	47262	3.517	0.018	29.94192	-90.299
70032	3635	1918	4527960	6631	1.748	0.003	29.9586	-89.9975
70036	1227	625	11341143	1665234	4.379	0.643	29.71403	-90.1215
70037	15590	5863	1.62E+08	13382657	62.519	5.167	29.81899	-90.0306
70038	426	247	3443006	179972	1.329	0.069	29.34922	-89.4385
70039	2460	976	31406641	99177	12.126	0.038	29.88673	-90.3892
70040	1604	718	1.64E+08	23237358	63.172	8.972	29.74468	-89.9383
70041	2381	1145	27186107	1338955	10.497	0.517	29.34182	-89.4933
70043	16760	7958	20138103	1410735	7.775	0.545	29.94841	-89.9627
70047	13006	4807	27858249	230951	10.756	0.089	29.96895	-90.3673
70049	2481	999	46933276	324338	18.121	0.125	30.02809	-90.5708
70050	74	41	1498195	34210	0.578	0.013	29.37952	-89.5901
70051	2518	1021	23039580	160698	8.896	0.062	30.08615	-90.6476
70052	3795	1442	7521957	192131	2.904	0.074	30.05507	-90.695
70053	16499	7466	8883569	1176763	3.43	0.454	29.91342	-90.0532
70056	39082	15224	17530113	153480	6.768	0.059	29.88865	-90.029
70057	4719	1710	99682076	1347162	38.487	0.52	29.96533	-90.4674
70058	39887	15204	32712777	1505332	12.63	0.581	29.86886	-90.0649
70062	17095	6914	18324276	1778074	7.075	0.687	29.99171	-90.2581
70065	51116	21784	20801066	1215140	8.031	0.469	30.02729	-90.2535
70067	2757	1106	27140760	6925930	10.479	2.674	29.71088	-90.0968
70068	34101	12592	1.39E+08	6065289	53.812	2.342	30.15606	-90.4367
70070	12471	4678	2.39E+08	50068529	92.458	19.332	29.82984	-90.3106
70071	3653	1437	6681634	103086	2.58	0.04	30.05153	-90.7057
70072	56344	21355	53744076	2491804	20.751	0.962	29.83728	-90.1124
70075	4417	1828	8572174	244920	3.31	0.095	29.93332	-89.9213
70076	292	125	7081555	613537	2.734	0.237	30.06158	-90.6491
70079	3067	1270	5800943	108488	2.24	0.042	30.00341	-90.4102
70080	1556	618	27695902	619452	10.693	0.239	29.884	-90.4337
70082	336	135	35449577	335404	13.687	0.13	29.55425	-89.7355
70083	2353	1219	3.25E+08	2.89E+08	125.362	111.666	29.46308	-89.8948
70084	7552	3007	39146227	436512	15.114	0.169	30.07561	-90.5667
70085	4427	2364	99981176	20269340	38.603	7.826	29.83671	-89.7374
70086	1969	724	58601361	2645146	22.626	1.021	30.03682	-90.8667
70087	8122	3058	32650225	211082	12.606	0.081	29.97603	-90.315
70090	7671	3039	1.29E+08	1302402	49.754	0.503	29.96925	-90.7011
70091	278	223	5.74E+08	9.92E+08	221.58	383.004	29.11905	-89.2711
70092	6651	2724	12560381	231164	4.85	0.089	29.89894	-89.8953
70094	31669	12879	91843778	13769110	35.461	5.316	29.91578	-90.2076
70112	3655	2563	2258740	0	0.872	0	29.95701	-90.0769
70113	7025	4793	2634502	0	1.017	0	29.94302	-90.0831
70114	22870	11714	12612223	1888702	4.87	0.729	29.93745	-90.0323
70115	31695	19083	10042864	1329710	3.878	0.513	29.92397	-90.1018
70116	11507	9825	3345483	292559	1.292	0.113	29.96744	-90.0648
70117	23389	15771	14192015	2013652	5.48	0.777	29.96816	-90.03
70118	33008	16410	12131648	1764915	4.684	0.681	29.94473	-90.1257
70119	36228	20543	11582141	89224	4.472	0.034	29.97514	-90.0869

70121	12029	6341	9728625	1488438	3.756	0.575	29.95976	-90.1633
70122	28564	15539	18268300	2562251	7.053	0.989	30.01344	-90.0628
70123	26475	13148	19432218	3873193	7.503	1.495	29.94967	-90.2058
70124	16824	9325	17245862	2731541	6.659	1.055	30.00738	-90.1039
70125	14479	7935	6068459	0	2.343	0	29.95207	-90.1033
70126	23958	11341	26167003	4700361	10.103	1.815	30.0182	-90.0207
70127	20471	10118	18376415	1619183	7.095	0.625	30.02374	-89.9768
70128	17113	7524	12623595	2990396	4.874	1.155	30.05085	-89.956
70129	9064	3417	2.35E+08	1.13E+08	90.709	43.513	30.08085	-89.8134
70130	14064	10680	5454481	1248247	2.106	0.482	29.93735	-90.0696
70131	29915	13315	30840332	7908526	11.908	3.053	29.90631	-89.9583
70139	0	0	14214	0	0.005	0	29.95028	-90.071
70163	0	0	10072	0	0.004	0	29.95006	-90.0754
70301	43037	17516	7.46E+08	19286498	288.05	7.447	29.80833	-90.7503
70339	6033	3396	1.46E+08	67316469	56.231	25.991	29.9095	-91.1829
70340	109	32	185882	0	0.072	0	29.66978	-91.1054
70341	4449	1841	1.5E+08	363442	57.964	0.14	30.03252	-91.0675
70342	4979	2032	19240667	2909549	7.429	1.123	29.69315	-91.2383
70343	5504	1964	74929690	1276155	28.931	0.493	29.54827	-90.5571
70344	6143	2576	2.66E+08	6.61E+08	102.854	255.388	29.17688	-90.5151
70345	9754	3787	2.41E+08	37990172	92.938	14.668	29.54842	-90.259
70346	10925	4257	1.33E+08	12558321	51.457	4.849	30.15372	-91.0032
70352	205	92	9575245	676565	3.697	0.261	29.6844	-90.9402
70353	1402	623	55120021	12130696	21.282	4.684	29.35814	-90.7001
70354	4931	2050	3.03E+08	64263909	116.887	24.812	29.43697	-90.2817
70355	1041	391	2.69E+08	10918033	103.742	4.215	29.7172	-90.469
70356	2484	1047	1.7E+08	15908276	65.572	6.142	29.63157	-90.9709
70357	3043	1579	5.48E+08	6.45E+08	211.453	248.932	29.24227	-90.2195
70358	1296	1945	16598908	13680215	6.409	5.282	29.21652	-90.0255
70359	8408	3133	24673866	0	9.527	0	29.69402	-90.7765
70360	26429	10706	1.67E+08	3543073	64.325	1.368	29.57867	-90.8054
70363	26513	9602	1.94E+08	12642586	74.952	4.881	29.53829	-90.7046
70364	30503	12157	1.1E+08	1058444	42.379	0.409	29.62765	-90.6818
70372	2518	1072	75943752	0	29.322	0	29.78297	-90.989
70373	7141	2788	1.86E+08	64262591	71.886	24.812	29.59795	-90.3187
70374	7125	2856	1.28E+08	6496164	49.392	2.508	29.6025	-90.5017
70375	125	44	5668030	30723	2.188	0.012	29.69151	-90.5334
70377	4403	1676	3.42E+08	2.48E+08	132.23	95.7	29.34728	-90.5026
70380	22928	10107	1.68E+08	34740054	64.824	13.413	29.73162	-91.1341
70390	6969	2923	4.17E+08	1015788	161.189	0.392	29.89728	-91.0311
70391	202	92	2004168	0	0.774	0	29.99082	-91.0608
70392	8456	3446	79614951	3238722	30.74	1.25	29.73124	-91.3183
70393	774	295	18739534	0	7.235	0	29.99136	-91.0073
70394	14328	5571	2.23E+08	7923991	86.029	3.059	29.69272	-90.616
70395	4658	1736	1.27E+08	212604	48.972	0.082	29.69744	-90.8617
70397	1365	663	1.15E+08	5127835	44.318	1.98	29.39385	-90.7927
70401	20415	9092	90633544	480058	34.994	0.185	30.53359	-90.4554

70402	1514	0	222799	0	0.086	0	30.51616	-90.4701
70403	26011	10909	1.11E+08	560434	42.96	0.216	30.48524	-90.4879
70420	7345	3036	1.32E+08	1457498	51.022	0.563	30.48469	-89.953
70422	13797	5662	4.39E+08	2993592	169.312	1.156	30.73446	-90.4794
70426	6342	2415	3.14E+08	3838041	121.28	1.482	30.93258	-89.8604
70427	20033	9398	3.81E+08	7780976	147.254	3.004	30.7442	-89.9121
70431	5366	2311	1.86E+08	3047310	71.957	1.177	30.61673	-89.9674
70433	31133	13172	1.26E+08	2998722	48.602	1.158	30.45886	-90.1566
70435	16603	6637	2.71E+08	4792569	104.562	1.85	30.56596	-90.1034
70436	629	253	10197713	18949	3.937	0.007	30.7935	-90.5217
70437	7918	3364	2.38E+08	1623270	91.828	0.627	30.6196	-90.2092
70438	18540	8149	8.7E+08	5843225	336.064	2.256	30.84622	-90.1113
70441	5112	2439	5.39E+08	797466	208.163	0.308	30.85997	-90.7491
70442	277	111	17606761	27031	6.798	0.01	30.69314	-90.334
70443	10232	4113	2E+08	1549230	77.121	0.598	30.63267	-90.5346
70444	10160	4518	6.51E+08	2450177	251.449	0.946	30.89704	-90.4894
70445	10840	4623	3E+08	9633497	115.658	3.72	30.37464	-89.9108
70446	5877	2293	2.2E+08	1127364	85.006	0.435	30.63017	-90.3497
70447	10150	3828	81061723	6963880	31.298	2.689	30.42188	-90.1987
70448	24851	9629	56848595	7119584	21.949	2.749	30.36218	-90.0395
70449	3611	2105	1.77E+08	4388546	68.281	1.694	30.27397	-90.6702
70450	2884	1377	1.93E+08	655964	74.38	0.253	30.9292	-90.2662
70451	182	75	465787	0	0.18	0	30.54842	-90.4809
70452	13163	5345	1.93E+08	3563324	74.437	1.376	30.42085	-89.7992
70453	1045	397	90503254	17329	34.944	0.007	30.70069	-90.7649
70454	24954	10299	4.19E+08	3856667	161.845	1.489	30.36285	-90.3586
70455	1474	596	42848670	141882	16.544	0.055	30.52498	-90.3236
70456	2850	1193	82879049	1669416	32	0.645	30.79177	-90.5059
70458	35077	15130	54683650	9215248	21.113	3.558	30.26211	-89.7926
70460	22096	8741	94915111	7935996	36.647	3.064	30.29796	-89.8407
70461	27818	10926	1.26E+08	11968575	48.661	4.621	30.23108	-89.7169
70462	5699	2839	2.08E+08	4443834	80.147	1.716	30.37628	-90.5808
70463	126	63	1830807	32801	0.707	0.013	30.65824	-89.9039
70464	312	145	25698442	94821	9.922	0.037	30.5512	-89.919
70465	776	313	12713449	80198	4.909	0.031	30.85626	-90.5239
70466	8512	3466	81718682	602058	31.552	0.232	30.56871	-90.5008
70471	21383	8583	76096337	4419578	29.381	1.706	30.40872	-90.0617
70501	31358	12884	40457576	107795	15.621	0.042	30.24171	-91.991
70503	27816	11406	30707298	286661	11.856	0.111	30.16395	-92.0558
70506	41163	19011	53647064	0	20.713	0	30.19547	-92.0813
70507	16558	6799	54896983	34663	21.196	0.013	30.27826	-92.028
70508	34810	15831	64643959	286460	24.959	0.111	30.15524	-92.0282
70510	25313	10694	5.96E+08	8380041	230.238	3.236	29.89461	-92.1932
70512	9780	4102	2.46E+08	2068767	94.875	0.799	30.41632	-91.9186
70513	124	81	4988131	207236	1.926	0.08	29.89997	-91.9033
70514	2545	1040	13345566	312237	5.153	0.121	29.84651	-91.5488
70515	3838	1456	1.91E+08	1463913	73.764	0.565	30.45247	-92.5777

70516	1546	581	1.02E+08	87528	39.401	0.034	30.36497	-92.3042
70517	26500	10804	3.63E+08	19774231	140.035	7.635	30.29825	-91.8336
70518	12297	4934	1.08E+08	101253	41.884	0.039	30.13481	-91.9274
70519	222	113	9102945	0	3.515	0	30.08018	-91.8974
70520	18405	7202	1.02E+08	372064	39.362	0.144	30.331	-92.0337
70523	906	412	11624289	2311934	4.488	0.893	29.8792	-91.4703
70524	314	157	9845705	0	3.801	0	30.55695	-92.3113
70525	13150	5272	2.82E+08	421582	108.929	0.163	30.41153	-92.2188
70526	19206	8101	3.24E+08	463446	124.95	0.179	30.21007	-92.38
70528	2333	1001	11592738	0	4.476	0	29.93951	-91.985
70529	11752	4686	92052438	45668	35.542	0.018	30.20228	-92.1616
70531	1261	499	71979647	950432	27.791	0.367	30.23395	-92.5175
70532	2685	1237	2.53E+08	202621	97.624	0.078	30.45274	-92.697
70533	7385	3078	2.03E+08	4623220	78.548	1.785	29.89014	-92.0465
70534	899	352	24867744	336824	9.601	0.13	30.22709	-92.4316
70535	18215	7752	3.91E+08	1705752	150.795	0.659	30.46326	-92.4202
70537	541	235	15226401	38959	5.879	0.015	30.25036	-92.5694
70538	14844	6286	4.01E+08	33711593	154.871	13.016	29.80555	-91.4984
70541	432	195	5371669	43406	2.074	0.017	30.42684	-92.0475
70542	3435	1915	4.9E+08	19935076	189.198	7.697	30.00968	-92.5848
70543	4077	1653	1.9E+08	40629	73.542	0.016	30.3354	-92.5011
70544	11677	4706	2.69E+08	10511114	103.941	4.058	29.90412	-91.6621
70546	16425	6710	3.92E+08	2900615	151.328	1.12	30.26637	-92.6736
70548	10353	5026	1.32E+09	73236489	510.04	28.277	29.78493	-92.4052
70549	3948	1885	3.04E+08	19360652	117.559	7.475	30.06953	-92.8022
70550	174	83	952474	0	0.368	0	30.51859	-92.1877
70552	1819	750	47118425	106632	18.193	0.041	30.06755	-91.6727
70554	5582	2531	2.98E+08	636401	115.211	0.246	30.61818	-92.4843
70555	7372	2892	1.28E+08	85991	49.525	0.033	30.0814	-92.1459
70556	331	159	16525142	814878	6.38	0.315	30.19442	-92.5559
70558	134	66	307936	0	0.119	0	30.10053	-92.0758
70559	2943	1221	2.13E+08	1729717	82.254	0.668	30.12879	-92.5027
70560	42022	17019	5.22E+08	29868724	201.724	11.532	29.92194	-91.8787
70563	18502	7495	1.62E+08	2329018	62.462	0.899	30.01663	-91.71
70570	38987	16110	4.49E+08	1585734	173.171	0.612	30.53366	-92.105
70575	55	30	84005	0	0.032	0	29.94892	-92.1581
70576	1526	350	2912659	0	1.125	0	30.78097	-92.4183
70577	4645	2046	1.55E+08	3374797	59.981	1.303	30.55035	-91.9342
70578	16122	6624	2.94E+08	374420	113.559	0.145	30.22935	-92.2615
70580	179	86	386291	0	0.149	0	30.67524	-92.4283
70581	929	351	62271948	31800	24.043	0.012	30.25087	-92.7314
70582	19781	8003	3.72E+08	10145086	143.711	3.917	30.16156	-91.7839
70583	11693	4896	71800235	19692	27.722	0.008	30.26111	-92.124
70584	7358	3104	91867829	117166	35.47	0.045	30.38669	-92.0985
70585	235	108	1544266	0	0.596	0	30.87835	-92.4077
70586	20313	9009	7.77E+08	28198171	299.987	10.887	30.74651	-92.3281
70589	3283	1452	3.07E+08	3716168	118.433	1.435	30.68032	-92.0032

70591	5299	2219	4.41E+08	2344701	170.274	0.905	30.25774	-92.8328
70592	18878	7132	1.08E+08	0	41.617	0	30.08063	-92.0124
70601	32384	15452	40115011	8600373	15.488	3.321	30.22679	-93.2154
70605	32741	13923	1.12E+08	13702489	43.426	5.291	30.1282	-93.2747
70607	25560	11227	3.07E+08	68331846	118.585	26.383	30.03843	-93.1901
70611	19256	7533	2.12E+08	4371103	81.774	1.688	30.34812	-93.2036
70615	14335	5251	1.27E+08	5645157	49.072	2.18	30.25541	-93.1265
70630	1440	588	4.79E+08	17953938	185.052	6.932	30.02591	-93.0169
70631	962	570	1.27E+09	3.78E+08	491.759	145.85	29.85338	-93.5683
70632	371	217	2.53E+08	24768774	97.615	9.563	29.83695	-93.0578
70633	7604	3257	4.06E+08	1980746	156.605	0.765	30.42601	-93.3913
70634	25125	10937	1.17E+09	12584717	451.754	4.859	30.79336	-93.2401
70637	654	268	1.04E+08	567475	40.187	0.219	30.69765	-92.9635
70638	937	389	74143813	547926	28.627	0.212	30.84915	-92.7971
70639	684	300	1.77E+08	1814502	68.467	0.701	30.97827	-93.4911
70640	301	133	3001497	19636	1.159	0.008	30.37193	-92.9047
70643	352	221	8.76E+08	3.23E+08	338.344	124.596	29.82056	-92.8116
70644	308	117	35363280	47849	13.654	0.018	30.79235	-92.9456
70645	1262	715	2.8E+08	1.39E+08	107.986	53.803	29.928	-93.4739
70646	750	316	18132583	353907	7.001	0.137	30.08889	-92.9186
70647	8703	3399	4.66E+08	5610893	180.052	2.166	30.25463	-93.0239
70648	8026	3006	5.09E+08	5054725	196.468	1.952	30.50507	-92.8894
70650	435	164	4659095	0	1.799	0	30.23744	-92.9232
70651	500	207	68649189	1545811	26.506	0.597	30.5679	-92.9541
70652	2203	926	2.59E+08	782034	100.116	0.302	30.60854	-93.266
70653	3111	1451	7.07E+08	7347571	273.044	2.837	30.66715	-93.5621
70654	155	66	58498702	314735	22.586	0.122	30.66145	-92.8754
70655	3002	1338	4.53E+08	1785206	175.001	0.689	30.66477	-92.7232
70656	4023	1735	1.18E+09	1245621	454.147	0.481	30.96137	-92.9681
70657	4315	1688	3.75E+08	1249975	144.914	0.483	30.50308	-93.153
70658	955	436	2.28E+08	841534	88.194	0.325	30.52777	-93.0434
70659	1482	613	5651308	11088	2.182	0.004	30.92193	-93.2843
70660	2612	701	3.76E+08	512544	145.352	0.198	30.5561	-93.4447
70661	2309	1085	4.47E+08	3357970	172.52	1.297	30.3545	-93.6497
70662	411	185	55547945	163371	21.447	0.063	30.79956	-92.9938
70663	28150	12008	2.51E+08	3517546	96.776	1.358	30.29027	-93.3717
70665	10743	4167	4.17E+08	14479652	160.848	5.591	30.12017	-93.4476
70668	6424	2810	3.73E+08	6226930	143.964	2.404	30.18791	-93.5983
70669	10131	4325	79458634	8811681	30.679	3.402	30.24235	-93.2723
70706	20752	7449	1.33E+08	2310436	51.457	0.892	30.60722	-90.9074
70710	3593	1441	21328340	74207	8.235	0.029	30.3529	-91.2622
70711	5266	1961	50436180	9509	19.474	0.004	30.53037	-90.5989
70712	479	191	62076047	4018901	23.968	1.552	30.96958	-91.5967
70714	19803	7631	89126910	310005	34.412	0.12	30.58719	-91.1276
70715	1433	802	4.79E+08	38099979	184.846	14.71	30.75425	-91.691
70719	4460	1665	42108410	1374190	16.258	0.531	30.37742	-91.2982
70721	701	212	13156931	3307135	5.08	1.277	30.22369	-91.0843

70722	5713	2565	4.32E+08	3442700	166.806	1.329	30.85742	-90.929
70723	1759	713	66541890	3188627	25.692	1.231	30.05891	-90.8396
70725	1826	676	22026442	4659186	8.504	1.799	30.12833	-90.9589
70726	50583	19703	2.4E+08	2116792	92.8	0.817	30.42558	-90.8861
70729	1032	405	52701826	4194640	20.348	1.62	30.58769	-91.3449
70730	3499	1509	1.78E+08	595688	68.771	0.23	30.81651	-91.1023
70732	1178	515	1.09E+08	234330	41.927	0.09	30.61923	-91.6084
70733	1621	747	26751136	886502	10.329	0.342	30.29966	-90.8127
70734	7554	2578	72631288	8114408	28.043	3.133	30.20662	-90.997
70736	518	214	9832860	0	3.796	0	30.63218	-91.3384
70737	38643	15318	1.39E+08	823582	53.829	0.318	30.22238	-90.9222
70739	12486	4772	1.26E+08	1419148	48.708	0.548	30.60107	-90.9653
70740	1305	638	2.25E+08	2384317	86.893	0.921	30.3229	-91.4434
70743	350	133	6428330	3253	2.482	0.001	30.03128	-90.7795
70744	6181	2412	2.72E+08	341690	105.092	0.132	30.55349	-90.6742
70747	180	158	10868366	3599447	4.196	1.39	30.87367	-91.6762
70748	6657	2033	2.06E+08	1883620	79.389	0.727	30.81773	-91.194
70749	1554	881	64118547	4924585	24.756	1.901	30.65022	-91.3945
70750	1951	1007	3.32E+08	11594381	128.298	4.477	30.50128	-91.7658
70752	806	352	24508895	21495	9.463	0.008	30.58668	-91.4066
70753	870	412	1.77E+08	12995522	68.29	5.018	30.94219	-91.7322
70754	10170	3761	3.14E+08	987080	121.062	0.381	30.41157	-90.7467
70755	2186	874	62692668	0	24.206	0	30.59331	-91.53
70756	393	176	36527891	0	14.103	0	30.54682	-91.6142
70757	3177	1395	1.27E+08	204796	49.053	0.079	30.48938	-91.5195
70759	1528	731	1.18E+08	3050246	45.493	1.178	30.69738	-91.5795
70760	6993	3247	84620438	15233926	32.672	5.882	30.70646	-91.4507
70761	897	445	1.61E+08	336093	62.127	0.13	30.97867	-91.0314
70762	926	560	49954573	1275003	19.288	0.492	30.57834	-91.4647
70763	3816	1393	30794567	520687	11.89	0.201	30.04406	-90.7416
70764	17584	7529	4.08E+08	25921702	157.488	10.008	30.21687	-91.2828
70767	14914	5905	3.73E+08	16814026	143.99	6.492	30.48113	-91.3307
70769	36084	13074	1.25E+08	1689764	48.439	0.652	30.30743	-90.9406
70770	2923	1154	53448665	0	20.637	0	30.6438	-90.9969
70772	784	350	36597648	0	14.13	0	30.43696	-91.4687
70773	143	62	9285028	164557	3.585	0.064	30.61117	-91.3619
70774	10076	4050	1.97E+08	4580264	75.89	1.768	30.21455	-90.7619
70775	14720	4601	8.11E+08	30080143	313.151	11.614	30.85819	-91.369
70776	6043	1007	86410303	7006583	33.363	2.705	30.26428	-91.0954
70777	4269	1679	1.62E+08	399466	62.741	0.154	30.74025	-91.0786
70778	2291	942	62302039	739142	24.055	0.285	30.15779	-90.8627
70780	1015	422	32946930	9796101	12.721	3.782	30.29873	-91.1853
70782	299	179	67202454	4358882	25.947	1.683	30.95511	-91.5092
70783	2604	1535	51676632	4742094	19.952	1.831	30.68546	-91.4038
70785	20979	8009	2.49E+08	125676	96.161	0.049	30.5571	-90.8192
70787	127	87	12338241	53316	4.764	0.021	30.96163	-91.4407
70788	4051	1661	2.79E+08	8529134	107.734	3.293	30.13219	-91.1778

70789	750	360	60044124	191204	23.183	0.074	30.94058	-91.083
70791	24918	9207	3.12E+08	8704661	120.512	3.361	30.65198	-91.1544
70801	13	17	336411	0	0.13	0	30.44966	-91.186
70802	27267	13056	19933632	2960562	7.696	1.143	30.44439	-91.1774
70803	1335	185	624355	0	0.241	0	30.41431	-91.1777
70805	29909	11724	29540969	1529971	11.406	0.591	30.48897	-91.1583
70806	28706	14256	22988264	0	8.876	0	30.44876	-91.1248
70807	20377	6748	66042672	11057969	25.499	4.27	30.54373	-91.2197
70808	32504	15238	31272696	1013549	12.074	0.391	30.40414	-91.1391
70809	25050	12811	38412858	46412	14.831	0.018	30.39405	-91.071
70810	37980	16471	70114507	1686339	27.071	0.651	30.33236	-91.0915
70811	13676	5313	30195197	39117	11.658	0.015	30.5377	-91.1347
70812	11206	4006	11270681	0	4.352	0	30.50073	-91.1104
70814	14514	5533	20067395	0	7.748	0	30.48518	-91.068
70815	30075	12129	24815808	0	9.581	0	30.45546	-91.0663
70816	43194	19976	41276173	676331	15.937	0.261	30.43181	-91.022
70817	31192	12629	66696691	851179	25.752	0.329	30.37511	-90.9804
70818	9649	3860	37465391	0	14.465	0	30.54253	-91.0499
70819	5040	1959	15038289	115356	5.806	0.045	30.47246	-91.0095
70820	17222	8224	49234705	7364883	19.01	2.844	30.36504	-91.2041
70836	0	0	58993	0	0.023	0	30.39125	-91.0903
71001	4531	2029	3.21E+08	222284	123.829	0.086	32.59155	-92.8893
71003	989	507	1.64E+08	89315	63.381	0.034	32.62955	-93.0308
71004	644	306	1.04E+08	3984446	40.144	1.538	32.7488	-93.8598
71006	12158	5011	5.31E+08	21359796	204.877	8.247	32.72268	-93.6304
71007	1141	526	47832034	478319	18.468	0.185	32.36253	-94.0068
71008	739	543	3.91E+08	465388	151.097	0.18	32.3465	-92.9673
71016	2070	994	3.23E+08	5092040	124.626	1.966	32.22442	-93.1163
71018	1622	866	2.19E+08	1107745	84.471	0.428	32.82372	-93.4267
71019	8555	3827	8.48E+08	25070704	327.314	9.68	32.04876	-93.317
71021	772	468	1788535	11760	0.691	0.005	32.96771	-93.4465
71023	3632	2021	1.26E+08	15155583	48.483	5.852	32.47621	-93.4103
71024	1420	696	1.58E+08	257143	60.851	0.099	32.49811	-93.2017
71027	1585	701	1.63E+08	6676912	62.879	2.578	32.25338	-93.64
71028	1666	980	3.34E+08	234961	129.049	0.091	32.4977	-93.0752
71029	219	112	71869678	1772660	27.749	0.684	32.8372	-93.841
71030	1537	639	93507111	917005	36.103	0.354	32.19597	-93.7849
71031	1064	594	3.83E+08	29610530	148.046	11.433	32.00297	-92.9042
71032	2164	1004	3.13E+08	4333777	120.784	1.673	32.09487	-93.7954
71033	3510	1532	65672796	791309	25.356	0.306	32.41208	-94.0106
71034	313	144	8682506	23409	3.352	0.009	32.18149	-93.3114
71037	19325	7874	2.84E+08	742802	109.532	0.287	32.47498	-93.4875
71038	4064	2154	5.61E+08	610206	216.652	0.236	32.95154	-93.0629
71039	1934	944	1.2E+08	6882096	46.143	2.657	32.43029	-93.2897
71040	10268	4159	7.51E+08	24278698	289.998	9.374	32.77286	-93.0237
71043	546	284	36292969	2977027	14.013	1.149	32.88601	-93.8878
71044	657	355	1.38E+08	3536212	53.414	1.365	32.95418	-93.8825

71045	663	407	1.22E+08	2625856	47.207	1.014	32.33168	-93.1846
71046	1351	648	2.32E+08	880556	89.428	0.34	32.16306	-93.9488
71047	12203	4883	2.79E+08	1196192	107.602	0.462	32.28952	-93.9149
71048	104	82	53179593	0	20.533	0	32.83852	-92.8456
71049	3460	1706	2.25E+08	10199323	86.727	3.938	32.00921	-93.9666
71051	2409	1216	2.43E+08	23677222	93.689	9.142	32.31945	-93.478
71052	10259	4976	8.39E+08	24700367	324.01	9.537	32.00372	-93.6633
71055	20268	8928	6.68E+08	6968580	257.805	2.691	32.677	-93.2933
71060	3089	1392	1.75E+08	20699460	67.527	7.992	32.65415	-93.9806
71061	1712	861	47686092	1380359	18.412	0.533	32.77838	-93.9553
71063	748	379	2.66E+08	1344762	102.848	0.519	31.91149	-93.5151
71064	4096	1915	5.56E+08	10406911	214.768	4.018	32.91318	-93.6796
71065	1232	609	1.48E+08	55106	57.102	0.021	31.80069	-93.5042
71067	3297	1390	99530710	20813	38.429	0.008	32.59863	-93.5039
71068	3627	2098	3.73E+08	17691609	143.86	6.831	32.27861	-93.3104
71069	812	434	81407213	11223594	31.432	4.333	32.96789	-93.988
71070	1833	1081	5.3E+08	14158081	204.462	5.466	32.10192	-93.0129
71071	2685	1209	1.24E+08	2651657	47.992	1.024	32.92189	-93.4568
71072	1530	728	2.53E+08	1472736	97.825	0.569	32.93711	-93.3113
71073	2319	1094	73928080	12667523	28.544	4.891	32.52097	-93.3116
71075	6416	3138	96030646	9546946	37.078	3.686	32.99495	-93.5092
71078	5546	2211	1.2E+08	1027950	46.467	0.397	32.2565	-93.7818
71079	272	127	85394575	1923809	32.971	0.743	32.93342	-92.8107
71082	5119	2361	1.96E+08	39727164	75.603	15.339	32.83289	-93.9648
71101	8197	4357	11197092	487480	4.323	0.188	32.50637	-93.7472
71103	7813	3605	9825515	0	3.794	0	32.49194	-93.7721
71104	14802	7349	10255808	28990	3.96	0.011	32.48378	-93.7316
71105	21907	11161	23817706	2012548	9.196	0.777	32.45669	-93.7099
71106	34814	14429	84016468	3863012	32.439	1.492	32.37847	-93.7307
71107	33800	13099	3.7E+08	27281199	142.868	10.533	32.59562	-93.8595
71108	20388	8014	22144890	14114	8.55	0.005	32.44317	-93.7878
71109	22154	9722	32539131	3263376	12.563	1.26	32.46791	-93.8139
71110	2793	735	86531119	2290993	33.41	0.885	32.50488	-93.5961
71111	38456	16485	1.18E+08	4996586	45.681	1.929	32.57311	-93.6994
71112	31358	13027	1.11E+08	6845328	42.782	2.643	32.44441	-93.6331
71115	14506	6952	2.86E+08	19380220	110.348	7.483	32.2688	-93.5796
71118	24761	10598	34209861	259019	13.209	0.1	32.39368	-93.8041
71119	11562	5005	1.15E+08	13747981	44.352	5.308	32.49069	-93.9255
71129	13391	6186	1.17E+08	718938	45.17	0.278	32.3862	-93.913
71201	20319	10052	33620804	1435509	12.981	0.554	32.5327	-92.1052
71202	29044	10341	2.99E+08	7101170	115.364	2.742	32.39991	-92.0566
71203	37105	15266	3.08E+08	17132374	118.844	6.615	32.58221	-92.0184
71209	154	0	24286	8767	0.009	0.003	32.529	-92.0696
71219	1288	548	1.57E+08	177776	60.784	0.069	32.32571	-91.6932
71220	23266	10050	9.62E+08	15790397	371.592	6.097	32.86454	-91.9085
71222	3481	1673	3.8E+08	317336	146.56	0.123	32.82719	-92.6573
71223	523	263	1.45E+08	387353	55.977	0.15	32.88891	-91.6548

71225	7068	2808	1.51E+08	196712	58.387	0.076	32.51227	-92.3386
71226	1638	1148	3.89E+08	19322016	150.236	7.46	32.25075	-92.438
71227	3635	1615	2.9E+08	784646	111.935	0.303	32.5365	-92.478
71229	1662	642	1.52E+08	3355367	58.657	1.296	32.63193	-91.8967
71232	6581	2897	7.81E+08	1414256	301.452	0.546	32.4053	-91.4661
71233	305	152	1629716	0	0.629	0	32.32518	-90.9321
71234	3992	1952	3.07E+08	2999233	118.626	1.158	32.64527	-92.3306
71235	4280	2033	4.18E+08	754414	161.554	0.291	32.69253	-92.6745
71237	1578	565	1.68E+08	173304	64.79	0.067	32.59716	-91.4948
71238	2807	1222	2.83E+08	137658	109.436	0.053	32.36315	-92.3758
71241	9982	4812	5.04E+08	61733531	194.672	23.835	32.77911	-92.3534
71243	194	106	66006271	4815035	25.485	1.859	31.95477	-91.811
71245	4718	1310	18197312	56873	7.026	0.022	32.53409	-92.7259
71247	1175	630	6439521	1069894	2.486	0.413	32.27363	-92.7221
71250	220	179	2.47E+08	2897618	95.464	1.119	32.95499	-91.5832
71251	9051	3855	4.74E+08	6766436	182.978	2.613	32.22063	-92.6769
71253	255	123	2624760	0	1.013	0	32.9912	-91.3094
71254	6759	2422	6.81E+08	28768830	262.896	11.108	32.79648	-91.2534
71256	688	315	1.25E+08	5583291	48.135	2.156	32.94964	-92.7211
71259	1697	743	2.44E+08	1378680	94.384	0.532	32.2711	-91.8483
71260	3177	1792	7.33E+08	5608579	282.931	2.165	32.90792	-92.235
71261	1684	901	3.28E+08	3049978	126.562	1.178	32.7724	-91.6983
71263	8275	3681	5.37E+08	1291791	207.375	0.499	32.87325	-91.4259
71264	1045	529	2.95E+08	2682293	114.077	1.036	32.60128	-91.7725
71266	1699	780	2.95E+08	921098	113.864	0.356	32.69466	-91.5044
71268	2819	1353	3.3E+08	484082	127.223	0.187	32.34607	-92.737
71269	12757	5039	8.37E+08	9745553	323.072	3.763	32.44064	-91.7938
71270	30887	13914	5.3E+08	1252507	204.57	0.484	32.4941	-92.6421
71272	1893	0	423127	0	0.163	0	32.52687	-92.6493
71275	2453	1158	2.64E+08	32065	101.907	0.012	32.5119	-92.8168
71276	289	125	1.26E+08	9529079	48.602	3.679	32.57022	-91.1478
71277	1758	906	2.83E+08	379024	109.196	0.146	32.94334	-92.551
71279	45	25	135755	0	0.052	0	32.48736	-91.8571
71280	3647	1608	1.66E+08	6325078	64.218	2.442	32.72366	-92.0916
71282	11070	4283	1.19E+09	67563983	458.161	26.087	32.35898	-91.1811
71286	615	307	2.41E+08	17976060	92.872	6.941	32.66162	-91.1999
71291	32644	14480	1.68E+08	5461641	64.763	2.109	32.56566	-92.1729
71292	21541	9104	3.91E+08	21181529	150.829	8.178	32.39668	-92.2148
71295	14343	5977	8.24E+08	8899703	318.098	3.436	32.14863	-91.7073
71301	22859	9766	32317153	348303	12.478	0.134	31.27416	-92.4671
71302	15049	6478	1.71E+08	5977543	65.834	2.308	31.19702	-92.3702
71303	21015	8947	1.71E+08	475955	66.055	0.184	31.28132	-92.5473
71316	37	35	1.14E+08	3246505	44.101	1.253	31.24185	-91.7414
71322	6969	3075	4.61E+08	3559976	178.118	1.375	30.85831	-92.1619
71323	989	387	70987172	266576	27.408	0.103	31.26774	-92.2117
71325	1321	643	2.2E+08	4861197	85.087	1.877	30.99921	-92.3221
71326	1164	559	2.08E+08	4897684	80.397	1.891	31.77708	-91.6039

71327	5454	1607	1.09E+08	52989	42.03	0.02	30.98239	-92.0313
71328	7414	3110	3.14E+08	20626144	121.208	7.964	31.35511	-92.1757
71331	1036	429	1.81E+08	10193697	69.711	3.936	31.25724	-92.1131
71333	666	362	98150672	206514	37.896	0.08	30.90999	-92.0719
71334	9839	4208	4.42E+08	31567079	170.511	12.188	31.65927	-91.5648
71336	1650	865	3.07E+08	7736061	118.372	2.987	32.03475	-91.5987
71339	130	56	22078031	0	8.524	0	31.01382	-91.9323
71340	1710	526	2.99E+08	14977716	115.399	5.783	31.75981	-91.8081
71341	3069	1362	66615951	817588	25.721	0.316	31.06543	-92.1681
71342	7533	3318	3.93E+08	34695893	151.903	13.396	31.60661	-92.1432
71343	7678	3739	1.36E+09	1.18E+08	524.536	45.402	31.52393	-91.8968
71345	69	36	427341	926	0.165	0	30.72836	-91.9755
71346	3040	1346	2.13E+08	4024481	82.305	1.554	31.11825	-92.3749
71350	4124	1943	90061901	942509	34.773	0.364	31.06769	-92.0742
71351	11502	5222	5.29E+08	31600872	204.138	12.201	31.18349	-91.9617
71353	1664	926	1.95E+08	10318246	75.226	3.984	30.77293	-91.789
71354	1699	927	2.45E+08	13377748	94.696	5.165	31.40445	-91.7501
71355	2764	1424	3.68E+08	33272196	142.26	12.846	31.08093	-91.844
71356	648	308	89553721	293932	34.577	0.113	30.8157	-92.0409
71357	2149	1407	7.25E+08	32360713	280.034	12.495	32.11747	-91.3
71358	1111	593	2.34E+08	5215776	90.274	2.014	30.69188	-91.8701
71360	35361	14471	5.07E+08	27631365	195.928	10.669	31.32811	-92.3504
71362	2169	921	1.33E+08	267493	51.543	0.103	30.89912	-91.9611
71366	1974	1265	4.24E+08	37010301	163.735	14.29	31.93722	-91.3371
71367	1278	601	1.73E+08	8309914	66.749	3.208	30.88158	-92.298
71368	1459	851	2.16E+08	3646917	83.298	1.408	31.87268	-91.6801
71369	3222	1315	1.97E+08	4411066	76.184	1.703	30.93002	-91.8771
71371	2151	991	3.87E+08	1991213	149.446	0.769	31.68168	-92.2553
71373	7358	3267	7.1E+08	73129308	274.253	28.235	31.31109	-91.609
71375	1129	685	3.44E+08	7470358	132.986	2.884	31.87421	-91.4878
71377	112	50	832687	5777	0.322	0.002	31.6106	-91.7863
71378	2536	1211	1.29E+08	6456312	49.624	2.493	31.95262	-91.7094
71401	117	60	73347899	0	28.32	0	31.79748	-91.9459
71403	4584	2063	3.62E+08	13826831	139.731	5.339	31.21506	-93.4341
71404	797	463	2.64E+08	3053325	102.122	1.179	31.74701	-92.7516
71405	5592	2302	37962882	47165	14.658	0.018	31.4102	-92.4027
71406	216	97	20585319	0	7.948	0	31.7331	-93.5046
71407	933	367	35568091	162880	13.733	0.063	31.51101	-92.4859
71409	6874	3031	3.47E+08	18446087	134.009	7.122	31.31248	-92.6985
71410	124	71	1787695	0	0.69	0	31.96481	-92.7715
71411	2875	1583	1.74E+08	24331185	67.229	9.394	31.90546	-93.0905
71414	238	94	1581455	20437	0.611	0.008	31.82793	-93.0239
71416	842	463	1.75E+08	5227587	67.43	2.018	31.54043	-92.897
71417	4932	2167	3.6E+08	22074891	138.853	8.523	31.50817	-92.6496
71418	6295	3459	8.87E+08	31531001	342.59	12.174	32.15393	-92.0667
71419	2444	1368	3.65E+08	257659	141.049	0.099	31.81954	-93.7123
71422	1542	779	3.76E+08	825801	145.21	0.319	32.07529	-92.6657

71423	4538	1961	3.35E+08	11931912	129.284	4.607	31.60823	-92.5684
71424	1225	494	1.5E+08	517808	57.8	0.2	31.19822	-92.6898
71425	214	125	97270880	1079369	37.556	0.417	31.88607	-91.874
71426	229	106	2990647	0	1.155	0	31.49884	-93.4599
71427	413	198	40744802	173409	15.732	0.067	31.39395	-92.8959
71429	3179	1945	6.28E+08	807579	242.564	0.312	31.40917	-93.4346
71430	2576	1046	2.22E+08	17927881	85.557	6.922	31.04522	-92.4958
71432	1053	495	2.35E+08	1304944	90.679	0.504	31.74958	-92.4677
71433	4367	1960	4.18E+08	2003454	161.328	0.774	31.00299	-92.6458
71435	3979	1766	5.23E+08	199656	201.93	0.077	32.03174	-92.1664
71438	1626	715	2.24E+08	165361	86.665	0.064	31.12327	-92.8241
71439	1897	862	1.4E+08	978138	53.866	0.378	31.33682	-93.3957
71441	618	295	1.41E+08	45450	54.57	0.018	31.95156	-92.1534
71446	22762	10364	1.54E+09	16497114	594.938	6.37	31.16671	-93.1869
71447	1469	734	3.9E+08	27742546	150.62	10.711	31.43905	-92.8127
71449	9696	5924	6.11E+08	12908275	235.81	4.984	31.54513	-93.5115
71450	1070	537	1.66E+08	620855	63.974	0.24	31.77765	-93.4153
71452	57	59	29060349	813789	11.22	0.314	31.58508	-92.9445
71454	2527	1406	2.74E+08	10808571	105.849	4.173	31.69142	-92.8584
71455	227	150	1.59E+08	34553	61.43	0.013	31.40345	-92.9895
71456	1223	739	96065126	3864587	37.091	1.492	31.64208	-92.9785
71457	27809	12191	6.84E+08	40008089	264.222	15.447	31.74185	-93.1059
71459	11902	3436	24073471	30656	9.295	0.012	31.04934	-93.2239
71461	2577	1080	4832731	1744	1.866	0.001	31.11797	-93.2889
71462	1432	830	1.06E+08	9679931	41.112	3.737	31.65677	-93.7213
71463	10801	3758	6.17E+08	2311401	238.136	0.892	30.81006	-92.6099
71465	3139	1471	5.88E+08	405461	227.126	0.157	31.87681	-92.1791
71466	591	236	22073920	0	8.523	0	31.21515	-92.7486
71467	7998	2342	4.64E+08	7798796	179.057	3.011	31.56331	-92.3871
71468	868	485	4.56E+08	1093660	176.195	0.422	31.48085	-93.1489
71469	2792	1332	6.05E+08	2896039	233.727	1.118	31.69447	-93.2706
71472	287	137	51035660	727	19.705	0	31.16885	-92.7872
71473	495	450	3.38E+08	68266	130.546	0.026	32.06038	-92.4361
71474	663	310	59047767	110990	22.798	0.043	31.27462	-93.013
71479	738	387	2.45E+08	281899	94.475	0.109	31.84886	-92.368
71480	1324	323	13200854	54532	5.097	0.021	31.86228	-92.2906
71483	11294	4871	9.52E+08	10203124	367.549	3.939	31.89238	-92.6579
71485	1804	782	1.63E+08	4650300	62.859	1.795	31.15661	-92.5417
71486	4940	2855	2.62E+08	5486937	101.313	2.119	31.65901	-93.6074
71601	17327	7411	2.85E+08	15157896	109.962	5.852	34.17935	-91.8927
71602	17982	7630	3.01E+08	16126409	116.028	6.226	34.26517	-92.1456
71603	34343	14760	4.59E+08	1098922	177.274	0.424	34.12108	-92.0881
71630	405	247	89314615	15545501	34.485	6.002	33.6203	-91.2071
71631	673	414	3.19E+08	0	123.105	0	33.58003	-92.265
71635	12348	5803	5.6E+08	26246994	216.23	10.134	33.13056	-91.9966
71638	3794	1655	6.01E+08	12390537	232.019	4.784	33.52094	-91.4847
71639	6579	2992	4.7E+08	13045225	181.572	5.037	33.90148	-91.5204

71640	3227	1494	5.08E+08	26754508	196.009	10.33	33.10122	-91.2781
71642	648	377	1.38E+08	202456	53.186	0.078	33.3874	-91.8875
71643	1109	599	2.82E+08	14800572	108.838	5.715	34.01689	-91.5765
71644	4264	506	1.94E+08	5705519	74.742	2.203	34.0983	-91.7047
71646	6756	2836	1.01E+09	3770313	390.751	1.456	33.23554	-91.7876
71647	2111	1197	6.52E+08	2802946	251.922	1.082	33.36436	-92.114
71651	150	163	2.18E+08	4572774	84.126	1.766	33.32234	-92.2849
71652	1159	628	4.33E+08	338359	167.34	0.131	33.93264	-92.333
71653	5152	2502	8.17E+08	90348472	315.334	34.884	33.34337	-91.2518
71654	4671	2242	1.83E+08	3276400	70.631	1.265	33.62136	-91.3633
71655	15387	6845	9.36E+08	2623489	361.569	1.013	33.63363	-91.7472
71658	728	334	2.92E+08	5154886	112.681	1.99	33.31597	-91.5621
71659	104	62	5775702	0	2.23	0	34.14357	-91.7759
71660	963	521	3.12E+08	508501	120.319	0.196	33.75874	-92.2027
71661	450	230	2.47E+08	995988	95.245	0.385	33.15103	-91.5502
71662	82	49	26964536	1365511	10.411	0.527	33.84346	-91.5068
71663	732	347	2E+08	997661	77.227	0.385	33.22644	-91.4295
71665	6054	2686	7.29E+08	1613217	281.627	0.623	33.93009	-92.1103
71666	79	41	6635245	0	2.562	0	33.76104	-91.2822
71667	8267	3561	8.15E+08	2850723	314.664	1.101	33.92449	-91.8371
71670	1403	698	5.29E+08	18658505	204.233	7.204	33.72529	-91.4072
71671	8665	4115	4.78E+08	1554960	184.521	0.6	33.60199	-92.096
71674	738	392	6.3E+08	44860372	243.36	17.321	33.83701	-91.1752
71675	1824	896	4.39E+08	1599361	169.428	0.618	33.59175	-91.9382
71676	684	438	2.73E+08	2848328	105.247	1.1	33.05216	-91.5676
71677	185	92	20260322	332759	7.823	0.128	33.76188	-91.4806
71701	20286	9877	7.4E+08	6565506	285.842	2.535	33.58646	-92.8197
71711	106	26	6024084	0	2.326	0	33.63755	-92.7203
71720	2498	1302	3.87E+08	189779	149.377	0.073	33.78503	-92.6539
71722	87	65	46465059	225689	17.94	0.087	33.71503	-93.1664
71724	431	261	3061393	2077575	1.182	0.802	33.32778	-92.5357
71725	555	365	3.7E+08	38285	142.849	0.015	34.04963	-92.5579
71726	1435	983	5E+08	10149268	193.113	3.919	33.67819	-92.9982
71730	32213	14828	1.18E+09	5006359	457.021	1.933	33.19882	-92.6271
71740	1735	878	4.78E+08	234875	184.502	0.091	33.07687	-93.1674
71742	5980	2789	4.73E+08	1297654	182.441	0.501	33.85267	-92.4489
71743	4090	2086	5.35E+08	598325	206.381	0.231	33.88933	-93.0978
71744	3224	1849	1.03E+09	6799823	399.083	2.625	33.49882	-92.4809
71745	264	146	3872185	0	1.495	0	33.50074	-92.3961
71747	1097	752	2.08E+08	20883337	80.116	8.063	33.06073	-92.2029
71749	2595	1205	4.28E+08	202374	165.195	0.078	33.07188	-92.8186
71751	939	481	2.03E+08	1746606	78.463	0.674	33.41148	-92.7603
71752	1052	562	98476700	277621	38.022	0.107	33.39263	-93.192
71753	16848	7786	8.25E+08	864667	318.47	0.334	33.22776	-93.1839
71758	450	232	1.8E+08	186860	69.462	0.072	33.30929	-92.9149
71759	600	250	16406587	0	6.335	0	33.32099	-92.6442
71762	2501	1159	1.48E+08	245207	57.135	0.095	33.34292	-92.7684

71763	1666	997	5.84E+08	2055897	225.379	0.794	33.91646	-92.8053
71764	1880	1018	4.74E+08	373317	182.953	0.144	33.43253	-93.0479
71765	2156	1156	5.14E+08	12799859	198.295	4.942	33.14188	-92.3318
71766	670	372	1.89E+08	324418	72.96	0.125	33.72513	-92.5067
71770	3526	1779	3.83E+08	546651	147.729	0.211	33.38809	-93.3174
71772	34	19	324701	0	0.125	0	33.83264	-93.1261
71801	16745	7347	7.82E+08	6153649	301.823	2.376	33.64173	-93.6006
71820	103	64	49328299	922093	19.046	0.356	33.79877	-94.2723
71822	8925	4230	6.58E+08	15839940	254.088	6.116	33.66311	-94.1563
71823	83	41	23569620	1705615	9.1	0.659	33.82683	-94.1216
71825	645	275	63388996	237650	24.475	0.092	33.87778	-93.5565
71826	1315	615	3.31E+08	10632638	127.802	4.105	33.09254	-93.7232
71827	817	429	1.48E+08	448529	57.335	0.173	33.42519	-93.3965
71832	11253	4145	4.57E+08	3348246	176.594	1.293	34.03692	-94.3511
71833	2280	1058	4.12E+08	1508916	159.159	0.583	34.14193	-94.0413
71834	1491	774	3.85E+08	6051346	148.667	2.336	33.11485	-93.9578
71835	1334	650	2.13E+08	847572	82.23	0.327	33.64401	-93.4292
71836	2856	1411	4.38E+08	8759719	169.271	3.382	33.71499	-94.3977
71837	5227	2107	4.12E+08	5959768	159.058	2.301	33.25486	-93.8449
71838	1148	637	3.31E+08	8572575	127.784	3.31	33.6525	-93.8123
71839	280	216	1E+08	4521012	38.794	1.746	33.33488	-93.729
71841	913	434	1.79E+08	1007460	68.948	0.389	34.162	-94.3395
71842	2241	931	2E+08	2286371	77.079	0.883	33.90288	-94.2853
71845	2387	1214	5.46E+08	15845996	210.702	6.118	33.32358	-93.6346
71846	2652	1379	5.6E+08	33250552	216.031	12.838	33.94374	-94.1277
71847	673	329	1.48E+08	254548	57.265	0.098	33.92625	-93.6368
71851	2241	1089	2.18E+08	7896728	84.282	3.049	33.85666	-93.9425
71852	10102	4504	7.02E+08	2697734	270.937	1.042	33.99768	-93.8556
71853	365	189	81660907	8110739	31.529	3.132	33.5938	-93.938
71854	36438	16175	7.21E+08	14731714	278.453	5.688	33.45142	-93.8818
71855	708	387	1.42E+08	512642	54.934	0.198	33.86455	-93.7509
71857	5894	2850	6.98E+08	5156004	269.614	1.991	33.80147	-93.3376
71858	1710	942	5.18E+08	1185596	200.11	0.458	33.58514	-93.2638
71859	477	335	55922918	23774232	21.592	9.179	33.74444	-93.9102
71860	2633	1422	2.82E+08	1050035	108.848	0.405	33.2904	-93.4899
71861	2258	1482	3.62E+08	15754443	139.804	6.083	33.10067	-93.5
71862	771	420	1.68E+08	42175	64.795	0.016	33.77752	-93.7278
71865	194	105	1577227	0	0.609	0	33.74099	-94.1499
71866	725	457	1.15E+08	1735208	44.253	0.67	33.8775	-94.4065
71901	29491	14385	2.67E+08	3957905	103.246	1.528	34.52645	-92.9741
71909	15508	9128	2.1E+08	7557419	81.065	2.918	34.64369	-92.9976
71913	43436	23942	3.28E+08	26524691	126.695	10.241	34.44808	-93.0956
71921	3652	1690	5.13E+08	23805771	198.046	9.191	34.24365	-93.3909
71922	129	78	5386764	127145	2.08	0.049	34.02373	-93.4154
71923	15637	7078	1.02E+09	22675158	395.453	8.755	34.0851	-93.0452
71929	4487	2121	2.47E+08	7289018	95.46	2.814	34.30374	-93.1596
71933	1616	754	2.46E+08	190460	95.155	0.074	34.43931	-93.3428

71935	808	437	3.03E+08	1262169	117.112	0.487	34.39573	-93.7515
71937	2026	997	1.81E+08	1169099	69.793	0.451	34.39937	-94.3903
71940	1652	849	2.8E+08	1788819	107.931	0.691	34.02335	-93.5204
71941	2098	969	1.94E+08	794059	74.899	0.307	34.24725	-92.9487
71943	4821	2079	2.91E+08	1448117	112.198	0.559	34.34032	-93.6073
71944	773	358	1.09E+08	543262	42.092	0.21	34.24282	-94.3328
71945	1437	674	1.86E+08	1151922	71.653	0.445	34.48515	-94.3396
71949	1989	1310	5.39E+08	71790786	207.935	27.719	34.69892	-93.2204
71950	875	584	95656694	3250389	36.933	1.255	34.25652	-93.7178
71952	145	75	68113868	492980	26.299	0.19	34.27773	-93.825
71953	14882	7339	1.66E+09	8229677	639.253	3.177	34.60811	-94.197
71956	1882	889	60054189	5500277	23.187	2.124	34.598	-93.1531
71957	3133	2419	3.62E+08	33800451	139.938	13.05	34.56502	-93.5747
71958	2525	1299	2.79E+08	9489665	107.621	3.664	34.12093	-93.6611
71959	754	398	1.59E+08	577351	61.225	0.223	34.24317	-93.9316
71960	1383	750	3.93E+08	453052	151.607	0.175	34.48399	-93.7096
71961	1003	509	2.26E+08	1829444	87.299	0.706	34.59669	-93.8419
71962	792	469	4.29E+08	213600	165.566	0.082	34.03616	-93.3228
71964	3926	1621	89175444	121527	34.431	0.047	34.42413	-93.2407
71965	315	168	56503052	390439	21.816	0.151	34.67049	-93.7466
71968	4717	2345	2.55E+08	37026590	98.278	14.296	34.52415	-93.2904
71969	376	210	85824440	1034178	33.137	0.399	34.66924	-93.6292
71970	792	565	2E+08	13200389	77.174	5.097	34.66844	-93.4885
71971	513	249	1.72E+08	213237	66.235	0.082	34.30402	-94.0343
71972	309	150	75791388	372378	29.263	0.144	34.38289	-94.2769
71973	1424	590	2.04E+08	1264719	78.873	0.488	34.30188	-94.319
71998	321	16	93590	0	0.036	0	34.12639	-93.0553
71999	706	0	159776	0	0.062	0	34.12746	-93.0591
72001	566	250	65798778	154185	25.405	0.06	35.05835	-92.8858
72002	14134	5717	1.49E+08	1835352	57.418	0.709	34.66079	-92.5275
72003	746	378	2.58E+08	7208826	99.7	2.783	34.38253	-91.3903
72004	1311	629	4.06E+08	29378785	156.673	11.343	34.28279	-91.7793
72005	248	116	52906865	591426	20.427	0.228	35.53719	-91.0704
72006	2603	1418	4.97E+08	13422960	191.959	5.183	35.24387	-91.3596
72007	6708	2601	1.14E+08	446369	43.826	0.172	35.00191	-91.9832
72010	6577	2884	3.52E+08	2835923	135.835	1.095	35.31951	-91.5369
72011	4074	1551	1.46E+08	2393897	56.341	0.924	34.50062	-92.4659
72012	11986	4923	2.36E+08	582443	91.278	0.225	35.0949	-91.9077
72013	2197	1098	2.53E+08	4500322	97.814	1.738	35.45538	-92.3686
72014	60	37	1540375	0	0.595	0	35.43252	-91.1118
72015	27307	11259	2.12E+08	728315	81.874	0.281	34.48548	-92.5853
72016	3268	1359	2.1E+08	16827966	81.242	6.497	34.97082	-92.6329
72017	726	413	1.31E+08	4550792	50.477	1.757	34.89944	-91.4156
72019	23346	9391	4.26E+08	1371547	164.618	0.53	34.63803	-92.6853
72020	4295	1972	4.48E+08	5943384	172.836	2.295	35.47203	-91.4701
72021	4348	2170	4.68E+08	8279814	180.656	3.197	34.84554	-91.2175
72022	14270	6104	39450241	226410	15.232	0.087	34.60745	-92.4885

72023	35026	13652	2.44E+08	1995858	94.215	0.771	34.96429	-92.0637
72024	3777	1720	5.23E+08	12771896	201.861	4.931	34.76085	-91.7419
72025	847	399	1.52E+08	406468	58.678	0.157	35.05227	-93
72026	393	238	76705119	3050573	29.616	1.178	34.50251	-91.3005
72027	1417	631	1.76E+08	1189652	67.989	0.459	35.37382	-92.5729
72029	1912	1005	1.31E+08	1874405	50.596	0.724	34.70712	-91.2386
72030	705	348	1.36E+08	1846050	52.501	0.713	35.42709	-92.6759
72031	7683	4017	7.7E+08	12928219	297.222	4.992	35.63283	-92.5321
72032	31436	13327	2.96E+08	19734469	114.123	7.62	35.06589	-92.3629
72034	44723	18778	1.45E+08	2268495	56.15	0.876	35.04992	-92.486
72035	1083	0	320344	0	0.124	0	35.07876	-92.4574
72036	817	577	3.04E+08	1762500	117.222	0.681	35.01112	-91.2731
72037	28	17	394192	0	0.152	0	34.53724	-91.8747
72038	74	43	52788530	2379294	20.382	0.919	34.45385	-91.2405
72039	2131	976	1.51E+08	86542	58.472	0.033	35.35577	-92.3973
72040	2867	1434	4.46E+08	19891293	172.07	7.68	34.97406	-91.5409
72041	1457	901	2.51E+08	22687861	96.776	8.76	34.72179	-91.4674
72042	5161	2438	6.14E+08	19207422	236.887	7.416	34.26058	-91.3245
72044	881	730	1.6E+08	11547868	61.746	4.459	35.66003	-92.165
72045	1151	522	1.16E+08	16009	44.622	0.006	35.12984	-92.0323
72046	4470	2125	6.06E+08	28943232	233.86	11.175	34.55471	-91.9496
72047	969	403	81462933	0	31.453	0	35.22378	-92.2107
72048	114	81	2.16E+08	8709325	83.295	3.363	34.21706	-91.1277
72051	622	321	1.08E+08	2212	41.872	0.001	35.78605	-92.321
72055	849	521	2.38E+08	20842365	91.844	8.047	34.09869	-91.3542
72057	1070	505	2.32E+08	52608	89.567	0.02	34.14094	-92.3104
72058	15911	6212	4.04E+08	367239	156.117	0.142	35.24594	-92.3745
72059	37	43	35107957	0	13.555	0	35.13959	-91.315
72060	666	316	1.66E+08	981790	64.181	0.379	35.07371	-91.599
72061	250	96	8884848	0	3.43	0	35.32276	-92.3
72063	1683	771	2.06E+08	4003326	79.726	1.546	35.31807	-92.7902
72064	2451	1139	3.91E+08	8714998	150.952	3.365	34.79159	-91.6087
72065	5207	2159	1.48E+08	3894442	57.222	1.504	34.52671	-92.2824
72067	2726	2674	1.26E+08	33606858	48.66	12.976	35.56337	-92.1554
72068	424	180	2479359	0	0.957	0	35.19031	-91.7108
72069	1369	1038	6.05E+08	11954199	233.554	4.616	34.5363	-91.1501
72070	1813	919	1.75E+08	3602717	67.39	1.391	35.00812	-92.707
72072	544	246	94688009	9019716	36.559	3.483	34.52396	-91.7395
72073	1139	621	3.53E+08	17019110	136.487	6.571	34.38114	-91.6691
72074	167	115	89578377	1935495	34.586	0.747	35.07827	-91.0953
72076	37979	16922	1.92E+08	368159	74.058	0.142	34.91627	-92.1395
72079	786	334	60633148	999229	23.411	0.386	34.39055	-92.1735
72080	662	417	2.46E+08	839244	94.879	0.324	35.438	-92.8345
72081	7798	3287	2.41E+08	731363	93.214	0.282	35.38201	-91.6704
72082	1935	895	13788858	131668	5.324	0.051	35.23283	-91.6736
72083	237	108	14767760	85709	5.702	0.033	34.59353	-92.0087
72084	1229	676	5.12E+08	1103917	197.862	0.426	34.14396	-92.6675

72085	220	111	894234	0	0.345	0	35.36396	-91.8291
72086	10727	4322	3.76E+08	38230244	145.203	14.761	34.80709	-91.9076
72087	2051	975	1.99E+08	17200	76.679	0.007	34.59673	-92.8262
72088	2391	2237	38201165	7950161	14.75	3.07	35.59519	-92.2678
72099	616	0	480780	0	0.186	0	34.89928	-92.1415
72101	3378	1599	6.72E+08	1714917	259.365	0.662	35.24239	-91.1643
72102	2873	1203	1.31E+08	394067	50.596	0.152	35.14716	-91.83
72103	13078	5289	79658466	441492	30.756	0.17	34.59049	-92.39
72104	23354	9832	8.23E+08	5164262	317.679	1.994	34.34204	-92.8218
72106	5376	2462	1.19E+08	17461338	45.889	6.742	34.97395	-92.523
72107	339	154	30273732	775586	11.689	0.299	35.14182	-92.5362
72108	73	39	25345998	123136	9.786	0.048	34.68779	-91.066
72110	11498	5208	3.21E+08	20982813	124.071	8.102	35.15663	-92.7817
72111	1362	596	1.52E+08	54020	58.575	0.021	35.23855	-92.1313
72112	11467	4613	8.5E+08	14770939	328.368	5.703	35.58226	-91.2301
72113	21273	9372	67834553	4634208	26.191	1.789	34.85954	-92.3976
72114	12658	6313	20682519	2945609	7.986	1.137	34.76453	-92.2588
72116	21431	10493	17332478	447294	6.692	0.173	34.80026	-92.2453
72117	12684	5388	1.43E+08	14754266	55.396	5.697	34.77575	-92.1407
72118	22592	10066	74499417	4267762	28.764	1.648	34.84038	-92.3253
72119	5	3	778530	0	0.301	0	34.83403	-92.2923
72120	31610	13557	1.3E+08	923087	50.257	0.356	34.90029	-92.2415
72121	2704	1422	1.85E+08	0	71.464	0	35.45532	-91.7861
72122	927	405	2.7E+08	4778993	104.243	1.845	34.78186	-92.7874
72123	450	229	2275373	0	0.879	0	35.25874	-91.2354
72125	905	410	56197455	1744215	21.698	0.673	35.06615	-92.7908
72126	3674	1798	5.25E+08	8553431	202.868	3.302	34.94279	-92.9162
72127	2149	983	1.37E+08	3524540	53.083	1.361	35.17329	-92.6062
72128	814	331	58290836	113746	22.506	0.044	34.31307	-92.6214
72129	1409	608	1.24E+08	178616	47.964	0.069	34.32564	-92.5427
72130	560	247	84477606	1212444	32.617	0.468	35.6614	-92.0564
72131	4631	2383	3.39E+08	17321289	130.866	6.688	35.41589	-92.1878
72132	3242	1394	1.58E+08	4709451	60.872	1.818	34.44627	-92.2048
72134	315	145	1.26E+08	3879909	48.498	1.498	34.61771	-91.3506
72135	2623	1142	1.84E+08	35848027	71.003	13.841	34.87784	-92.5401
72136	1772	752	1.33E+08	444965	51.205	0.172	35.2416	-92.0058
72137	2555	1091	1.77E+08	114149	68.193	0.044	35.33571	-92.0372
72139	216	104	1072958	0	0.414	0	35.361	-91.5078
72140	305	207	49569648	770220	19.139	0.297	34.36246	-91.1672
72141	625	373	2.17E+08	923272	83.674	0.356	35.51331	-92.6722
72142	2499	1104	2.69E+08	18447026	104.039	7.122	34.69236	-92.0549
72143	35169	14381	7.89E+08	6020599	304.626	2.325	35.23298	-91.7365
72149	0	0	29652	0	0.011	0	35.24909	-91.7262
72150	12006	5171	7.6E+08	1178481	293.448	0.455	34.31337	-92.3941
72152	429	262	1.9E+08	8571710	73.444	3.31	34.35611	-91.9793
72153	2572	1465	2.19E+08	9753528	84.478	3.766	35.64612	-92.3263
72156	639	285	66419180	828540	25.645	0.32	35.28104	-92.685

72157	1607	741	1.32E+08	30169	51.099	0.012	35.27125	-92.5567
72160	10736	5137	8.7E+08	48832698	336.035	18.854	34.42774	-91.5287
72165	111	53	13095360	0	5.056	0	35.57545	-91.458
72166	260	238	2.64E+08	20219228	101.895	7.807	34.05849	-91.2336
72167	1719	702	1.16E+08	68967	44.818	0.027	34.4178	-92.6475
72168	1834	226	1.17E+08	2317141	45.192	0.895	34.44006	-91.9718
72169	203	91	29698232	0	11.467	0	35.39649	-91.2266
72170	202	104	24013705	160825	9.272	0.062	34.586	-91.4175
72173	9078	3449	2.48E+08	593023	95.845	0.229	35.1001	-92.2111
72175	354	190	1.18E+08	2546195	45.624	0.983	34.33672	-91.764
72176	8141	3260	2.05E+08	564557	79.33	0.218	35.00236	-91.8352
72179	450	237	60550785	0	23.379	0	35.50359	-91.8556
72181	62	21	3260527	0	1.259	0	35.1624	-92.4452
72201	1024	902	3134578	317438	1.21	0.123	34.74691	-92.28
72202	9978	6311	22473183	3515715	8.677	1.357	34.73051	-92.2331
72204	32505	13800	40019363	586319	15.452	0.226	34.71762	-92.3583
72205	23000	12159	20243176	100569	7.816	0.039	34.75033	-92.3512
72206	25624	11394	2.96E+08	15283778	114.118	5.901	34.6325	-92.235
72207	10344	5461	7911501	2694	3.055	0.001	34.77353	-92.3465
72209	32376	13437	42685836	895346	16.481	0.346	34.67638	-92.3451
72210	14258	6389	1.31E+08	1621139	50.557	0.626	34.7139	-92.5085
72211	21288	10503	19491763	169369	7.526	0.065	34.75056	-92.4176
72212	12705	5329	17146435	78785	6.62	0.03	34.78589	-92.415
72223	19890	8435	1.55E+08	5022704	59.901	1.939	34.78881	-92.5114
72227	11462	5879	9766442	522681	3.771	0.202	34.77528	-92.3746
72301	26069	10892	48920238	206184	18.888	0.08	35.14469	-90.1892
72311	135	71	2644956	0	1.021	0	34.72383	-90.8915
72315	23966	10850	6.52E+08	22578605	251.878	8.718	35.90259	-89.9034
72320	1847	85	1.38E+08	12901738	53.156	4.981	34.82364	-90.5237
72321	154	70	3576992	0	1.381	0	35.81594	-89.9446
72322	195	80	5035060	0	1.944	0	35.06494	-90.8221
72324	1978	885	3.27E+08	722676	126.41	0.279	35.39042	-90.7866
72325	43	21	14609987	0	5.641	0	35.3221	-90.246
72326	2267	1055	2.16E+08	1526201	83.221	0.589	35.11711	-90.9106
72327	1732	794	2.64E+08	1440641	102.016	0.556	35.23328	-90.332
72328	64	44	1.4E+08	2321436	54.072	0.896	33.9862	-91.0912
72329	80	42	35517487	0	13.713	0	35.61457	-89.9881
72330	756	294	1.06E+08	0	41.046	0	35.58778	-90.2103
72331	3184	1378	3.7E+08	2184749	143.028	0.844	35.28114	-90.4663
72332	104	32	172173	0	0.066	0	35.10195	-90.3088
72333	667	317	1.61E+08	10238384	62.122	3.953	34.30201	-90.8666
72335	20121	7086	4.13E+08	7239940	159.383	2.795	34.99436	-90.746
72338	52	20	74361981	6004111	28.711	2.318	35.41394	-90.1478
72339	204	90	18490146	0	7.139	0	35.42201	-90.2681
72340	90	35	21028277	90931	8.119	0.035	34.93932	-91.0278
72341	222	114	52468680	77513	20.258	0.03	34.88395	-90.7538
72342	5532	2708	2.31E+08	10549062	89.28	4.073	34.44896	-90.6845

72346	697	342	2.13E+08	1212085	82.077	0.468	35.08233	-90.4845
72347	711	353	2.45E+08	79863	94.634	0.031	35.37774	-91.0144
72348	2594	1479	4.25E+08	38298256	164.079	14.787	34.94174	-90.4179
72350	1226	559	2.01E+08	2952973	77.467	1.14	35.49975	-90.1293
72351	835	348	16994992	0	6.562	0	35.67371	-90.0963
72353	114	53	84112121	2452654	32.476	0.947	34.30052	-91.0073
72354	2470	1107	1.31E+08	50183	50.396	0.019	35.61885	-90.3193
72355	2768	1259	2.7E+08	70770	104.402	0.027	34.4742	-90.7977
72358	1690	616	1.53E+08	5221620	59.067	2.016	35.79219	-89.8908
72359	430	201	5465422	162850	2.11	0.063	35.02636	-90.7221
72360	6466	3165	8.4E+08	17964198	324.421	6.936	34.74925	-90.7807
72364	15831	6323	1.88E+08	6371006	72.523	2.46	35.21754	-90.1892
72365	3146	1432	1.33E+08	1464112	51.214	0.565	35.5209	-90.4501
72366	2543	1244	3.79E+08	318940	146.29	0.123	34.51811	-90.9609
72367	108	79	1.8E+08	20534051	69.587	7.928	34.19733	-90.9439
72368	1228	644	3.67E+08	1575813	141.526	0.608	34.8104	-91.0234
72370	8606	3717	2.93E+08	382191	113.149	0.148	35.7144	-90.0277
72372	1945	904	3.27E+08	367197	126.127	0.142	34.96759	-90.9506
72373	1329	680	2.92E+08	6228218	112.695	2.405	35.30868	-90.5942
72374	876	383	1.09E+08	168482	41.96	0.065	34.56634	-90.8335
72376	1977	849	2.22E+08	8656731	85.674	3.342	35.08723	-90.2998
72377	36	25	1999634	37946	0.772	0.015	35.69285	-90.336
72379	50	47	2.26E+08	38723842	87.142	14.951	34.05478	-91.041
72383	53	31	13305134	0	5.137	0	34.49106	-91.0396
72384	953	447	2.39E+08	8599030	92.46	3.32	35.37583	-90.2195
72386	1777	820	3.03E+08	2163038	117.047	0.835	35.45024	-90.366
72389	204	114	1.47E+08	278791	56.895	0.108	34.37134	-90.9121
72390	9107	4052	95089185	1103312	36.714	0.426	34.55105	-90.6794
72392	481	249	1.22E+08	1326238	47.013	0.512	34.96728	-91.0966
72394	625	311	2.13E+08	4666889	82.369	1.802	35.06003	-90.614
72395	1017	451	62734078	16075	24.222	0.006	35.59311	-90.0795
72396	13734	5890	6.93E+08	7878570	267.714	3.042	35.22993	-90.8237
72401	53767	22765	3.04E+08	3214572	117.219	1.241	35.88634	-90.6568
72404	23482	9636	3.26E+08	1486102	126.028	0.574	35.77393	-90.7788
72410	498	238	1.8E+08	2017205	69.448	0.779	35.94075	-91.0947
72411	2294	973	99425749	150242	38.388	0.058	35.74509	-90.5755
72412	633	290	1.62E+08	0	62.733	0	36.12417	-90.6944
72413	598	309	97063768	2120876	37.477	0.819	36.30183	-90.8222
72414	443	194	44735499	926151	17.272	0.358	35.82461	-90.374
72415	1346	603	98389784	1407714	37.989	0.544	36.12674	-91.1749
72416	5783	2372	2.41E+08	672766	92.936	0.26	35.96398	-90.7957
72417	3568	1491	1.18E+08	332146	45.736	0.128	35.91628	-90.5395
72419	1748	809	1.32E+08	1126978	50.873	0.435	35.7496	-90.3536
72421	554	265	1.97E+08	1409124	75.96	0.544	35.78532	-90.972
72422	4979	2427	4.54E+08	1448685	175.322	0.559	36.42643	-90.5271
72424	94	45	3542638	0	1.368	0	36.39053	-90.7364
72425	446	210	1.81E+08	301777	69.732	0.117	36.21548	-90.7323

72426	196	94	2308898	13022	0.891	0.005	35.86821	-90.0416
72427	174	95	40266830	0	15.547	0	35.86706	-90.9358
72428	95	48	16359228	0	6.316	0	35.73935	-90.2246
72429	427	223	1.99E+08	2995	76.984	0.001	35.49138	-90.9258
72430	411	211	68340672	0	26.386	0	36.33453	-90.1713
72431	401	204	15754405	162042	6.083	0.063	35.63257	-91.0794
72432	6462	2780	4.11E+08	2546651	158.679	0.983	35.55177	-90.7199
72433	3067	1371	1.45E+08	1420952	55.998	0.549	36.02574	-91.0476
72434	2108	1028	2.21E+08	439655	85.229	0.17	36.21754	-91.1564
72435	505	252	1.89E+08	1121335	72.998	0.433	36.31576	-90.5791
72436	942	402	75353611	128435	29.094	0.05	36.23734	-90.4848
72437	3272	1419	2.76E+08	5516351	106.505	2.13	35.84838	-90.4583
72438	2574	1115	1.45E+08	663	55.808	0	35.94911	-90.2178
72440	255	135	15430836	0	5.958	0	36.00556	-91.2271
72441	94	54	672243	0	0.26	0	36.43695	-90.3853
72442	4886	2065	2.91E+08	129239	112.466	0.05	35.81857	-90.1867
72443	2986	1273	1.52E+08	80349	58.543	0.031	36.17577	-90.4114
72444	1821	892	2.49E+08	1306148	96.263	0.504	36.42865	-90.8528
72445	91	47	1165462	0	0.45	0	35.9765	-91.0266
72447	1964	888	1.45E+08	752932	55.865	0.291	35.91088	-90.3275
72449	213	102	7428036	0	2.868	0	36.17747	-90.8196
72450	36033	15267	7.43E+08	2890440	287.007	1.116	36.07955	-90.5164
72453	198	190	72280285	0	27.908	0	36.29458	-90.708
72454	5127	2559	2.64E+08	731853	101.758	0.283	36.40677	-90.2026
72455	12518	5804	7.34E+08	5113399	283.417	1.974	36.31972	-91.0294
72456	585	289	1.2E+08	281980	46.317	0.109	36.44725	-90.3384
72457	132	71	509281	0	0.197	0	36.08889	-91.0682
72458	755	396	67619065	3210757	26.108	1.24	36.0726	-91.1585
72459	1329	784	2.58E+08	668375	99.438	0.258	36.29252	-91.293
72460	832	423	1.55E+08	87842	59.765	0.034	36.34982	-91.1693
72461	3789	1839	4.7E+08	585896	181.327	0.226	36.26494	-90.2853
72462	408	204	15626271	883808	6.033	0.341	36.38912	-90.7593
72464	98	51	334543	0	0.129	0	36.45775	-90.1441
72466	1481	758	3.2E+08	691992	123.457	0.267	36.05379	-91.3307
72467	303	0	86365	0	0.033	0	35.84104	-90.6756
72469	1124	547	1.99E+08	2518040	76.871	0.972	35.95194	-91.289
72470	319	157	87247613	936208	33.686	0.361	36.47082	-90.7023
72471	1108	526	2.18E+08	1835716	84.034	0.709	35.82787	-91.1101
72472	9447	4130	4.56E+08	3416751	176.104	1.319	35.59645	-90.5342
72473	2376	1085	1.5E+08	353987	57.769	0.137	35.73826	-91.1713
72476	7155	3074	5.17E+08	871555	199.669	0.337	36.04951	-90.9199
72478	390	175	1.32E+08	138812	51.044	0.054	36.44789	-91.0599
72479	1489	743	5.08E+08	5680937	196.17	2.193	35.63366	-90.9055
72482	1241	954	1.78E+08	1039437	68.714	0.401	36.2767	-91.3663
72501	25099	11042	7.86E+08	9109455	303.527	3.517	35.79117	-91.6534
72512	2234	1410	56621144	3335529	21.862	1.288	36.22042	-91.7463
72513	2856	1300	2.44E+08	37634	94.326	0.015	36.22629	-91.6583

72515	63	36	25279059	0	9.76	0	36.27638	-92.0564
72517	487	248	88768896	0	34.274	0	36.13231	-91.9733
72519	3150	1478	3.85E+08	9923428	148.801	3.831	36.13407	-92.1803
72520	309	149	66048377	0	25.501	0	36.3909	-91.7202
72521	4814	2140	3.25E+08	291689	125.58	0.113	35.94967	-91.5411
72522	405	150	15217352	0	5.875	0	35.81088	-91.4704
72523	1091	521	1.03E+08	52973	39.895	0.02	35.62807	-91.8442
72524	376	184	1.45E+08	2155272	56.095	0.832	35.83503	-91.2992
72526	154	90	14372604	0	5.549	0	35.8832	-91.7793
72527	583	252	10264810	0	3.963	0	35.73986	-91.685
72528	65	38	10355500	0	3.998	0	36.22749	-92.1383
72529	4726	2985	50788994	2271445	19.61	0.877	36.29232	-91.5643
72530	1987	1303	2.89E+08	17060948	111.714	6.587	35.60392	-91.9447
72531	800	825	1.48E+08	18700872	57.259	7.22	36.32998	-92.1442
72532	1712	919	2.69E+08	173093	103.739	0.067	36.10439	-91.5999
72533	416	236	1.11E+08	18333	42.987	0.007	35.97858	-92.2466
72534	1320	578	1.6E+08	40278	61.835	0.016	35.60104	-91.7444
72536	429	239	65783792	4898	25.399	0.002	36.14231	-91.7683
72537	805	583	74224625	11256331	28.658	4.346	36.44613	-92.2226
72538	432	224	1.21E+08	1148	46.553	0	36.44555	-92.1003
72539	253	133	42761019	0	16.51	0	36.33214	-91.7111
72540	149	109	48003208	796298	18.534	0.307	35.91971	-91.91
72542	3826	2470	4.11E+08	2227694	158.614	0.86	36.29953	-91.4675
72543	12535	6956	2.93E+08	19924539	113.319	7.693	35.45054	-91.9873
72544	636	792	71504758	8711169	27.608	3.363	36.40347	-92.1883
72546	181	102	10055449	0	3.882	0	35.57888	-91.9411
72550	985	449	1.19E+08	1628819	46.034	0.629	35.71013	-91.784
72553	69	34	905267	0	0.35	0	35.7005	-91.4808
72554	2923	1835	3.99E+08	918411	154.154	0.355	36.4387	-91.5622
72555	182	108	34625811	1104145	13.369	0.426	35.78117	-91.878
72556	3375	1808	3.98E+08	1261502	153.714	0.487	36.01388	-91.97
72560	8754	4886	8.44E+08	5638335	326.04	2.177	35.85101	-92.0941
72561	981	484	1.32E+08	283489	51.102	0.109	35.94802	-91.8085
72562	2238	1041	2.14E+08	4147017	82.515	1.601	35.73547	-91.4011
72564	546	241	76347616	682051	29.478	0.263	35.59588	-91.4566
72565	999	482	99111186	28223	38.267	0.011	36.21742	-91.9128
72566	624	318	1.22E+08	0	47.013	0	36.21676	-92.078
72567	262	143	29960641	0	11.568	0	35.81457	-91.926
72568	1662	735	1.21E+08	0	46.557	0	35.5694	-91.625
72569	468	256	1.08E+08	0	41.51	0	36.14618	-91.3994
72571	369	150	47808748	427668	18.459	0.165	35.63148	-91.5372
72572	228	101	36804688	0	14.21	0	35.89914	-91.291
72573	278	138	38187858	69493	14.744	0.027	36.07617	-91.7974
72576	3868	1943	4.14E+08	298782	159.836	0.115	36.34854	-91.856
72577	700	341	1.09E+08	0	42.129	0	36.02713	-91.7139
72578	212	102	55444499	0	21.407	0	36.45315	-91.8864
72579	1287	552	97669127	56888	37.71	0.022	35.84883	-91.4492

72581	1030	679	28580289	3642709	11.035	1.406	35.55095	-91.9892
72583	1679	816	2.57E+08	420866	99.047	0.162	36.41478	-91.9941
72584	568	281	82317889	0	31.783	0	36.141	-91.8437
72585	216	113	58228845	0	22.482	0	36.18322	-92.0081
72587	134	77	27004644	0	10.427	0	36.22559	-91.8168
72601	30163	13468	9.56E+08	1584944	369.167	0.612	36.23803	-93.086
72611	1696	739	1.98E+08	527143	76.36	0.204	36.2448	-93.3307
72616	10441	4466	5.43E+08	482151	209.741	0.186	36.33065	-93.5553
72617	198	123	97635859	54380	37.697	0.021	36.02287	-92.3905
72619	1936	1203	12029479	5589059	4.645	2.158	36.37347	-92.5916
72623	648	323	65096936	7514844	25.134	2.901	36.45556	-92.3085
72624	594	337	1.76E+08	215259	68.067	0.083	36.05772	-93.3818
72626	1243	770	14608264	1202775	5.64	0.464	36.32222	-92.5516
72628	803	471	2.92E+08	309624	112.893	0.12	35.83988	-93.2818
72629	629	371	1.13E+08	310896	43.693	0.12	35.7385	-92.5668
72630	197	161	2200155	4659273	0.849	1.799	36.47879	-92.9049
72631	3709	2558	1.24E+08	10185531	47.73	3.933	36.46243	-93.7134
72632	4449	2734	2.57E+08	9222452	99.261	3.561	36.37321	-93.7439
72633	1833	850	2.45E+08	54551	94.525	0.021	36.12888	-92.8728
72634	4670	2384	3.32E+08	7410176	128.298	2.861	36.20011	-92.5135
72635	3624	1580	75542201	566551	29.167	0.219	36.31838	-92.5138
72636	24	32	767929	45533	0.296	0.018	35.9897	-92.7162
72638	7186	3056	4.86E+08	788120	187.645	0.304	36.32277	-93.4045
72639	683	434	1.65E+08	335878	63.83	0.13	36.02133	-92.4805
72640	385	200	57584735	377533	22.234	0.146	36.00119	-93.062
72641	2585	1463	3.57E+08	1944759	137.718	0.751	35.98655	-93.2437
72642	1979	1222	22202898	4226590	8.573	1.632	36.37547	-92.5404
72644	2268	1254	2.22E+08	15990617	85.709	6.174	36.43312	-92.9928
72645	1867	1192	4.46E+08	1016804	172.359	0.393	35.80414	-92.5754
72648	716	419	1.16E+08	595958	44.677	0.23	36.07855	-93.1519
72650	4362	2437	6.95E+08	1612746	268.283	0.623	35.88432	-92.7014
72651	1206	663	19129622	27118	7.386	0.01	36.3884	-92.4824
72653	28560	14766	5.75E+08	27844478	221.816	10.751	36.34238	-92.3854
72655	457	279	2.45E+08	675859	94.755	0.261	35.90072	-93.0165
72658	1685	975	1.93E+08	3477167	74.565	1.343	36.16739	-92.3191
72660	524	245	44446235	2004300	17.161	0.774	36.47865	-93.3779
72661	580	418	66630442	18808553	25.726	7.262	36.44927	-92.5781
72662	2986	1424	3.04E+08	2677779	117.387	1.034	36.43104	-93.1808
72663	361	155	58751583	0	22.684	0	35.93777	-92.3278
72666	275	177	46372569	206643	17.905	0.08	35.94219	-93.2653
72668	521	411	72472305	12040714	27.982	4.649	36.43479	-92.781
72669	107	59	4433957	0	1.712	0	36.06496	-92.8762
72670	99	58	43636990	277909	16.848	0.107	35.98142	-93.3881
72672	279	146	18198854	73348	7.027	0.028	36.28809	-92.8444
72675	1399	893	4.47E+08	3300522	172.732	1.274	35.99951	-92.7952
72677	525	246	2190184	1095	0.846	0	36.25316	-92.6856
72679	48	34	18213810	35455	7.032	0.014	35.73006	-92.8321

72680	807	427	96465194	20956	37.245	0.008	35.88733	-92.3295
72682	194	110	37200780	5965	14.363	0.002	36.13754	-92.7414
72683	211	102	26664462	184735	10.295	0.071	35.92313	-93.1028
72685	1365	632	1.33E+08	252230	51.177	0.097	36.06555	-92.9846
72686	182	128	74200295	135305	28.649	0.052	35.78013	-92.8439
72687	6461	3357	7.24E+08	31626983	279.598	12.211	36.26222	-92.7068
72701	39782	17819	3.28E+08	4757005	126.555	1.837	35.99239	-94.0856
72703	28261	14905	1.16E+08	2983846	44.679	1.152	36.11833	-94.0432
72704	21336	10221	1.97E+08	1559939	76.032	0.602	36.1057	-94.2968
72712	40933	16890	2.59E+08	1552992	99.992	0.6	36.34657	-94.2563
72714	11880	5539	49084288	869109	18.952	0.336	36.4673	-94.2209
72715	15051	8003	73908703	3364180	28.536	1.299	36.46582	-94.3045
72717	1071	489	1.16E+08	451627	44.635	0.174	35.83887	-94.4246
72718	1465	579	16765269	119982	6.473	0.046	36.26846	-94.2194
72719	8975	3519	22030067	53234	8.506	0.021	36.36716	-94.2951
72721	391	206	1.15E+08	132795	44.376	0.051	35.79842	-93.8257
72722	3138	1291	1.1E+08	244731	42.367	0.094	36.3427	-94.4682
72727	5658	2523	4.03E+08	1810156	155.426	0.699	35.91637	-93.9005
72729	280	123	31686556	102717	12.234	0.04	35.77153	-94.4562
72730	7585	3115	53617136	270810	20.702	0.105	36.03048	-94.2687
72732	4716	2576	2.2E+08	32886706	85.129	12.698	36.43252	-93.9594
72734	7322	2974	2.11E+08	2854062	81.573	1.102	36.27015	-94.4528
72736	6208	2624	2.3E+08	29928	88.638	0.012	36.41378	-94.4651
72738	2419	1106	2.21E+08	1204231	85.341	0.465	36.1559	-93.8868
72739	473	207	13321965	949	5.144	0	36.42316	-94.3274
72740	9543	4302	9.56E+08	4177340	368.976	1.613	36.10544	-93.684
72742	545	310	1.94E+08	446846	75.094	0.173	35.9638	-93.5012
72744	5343	2347	2.05E+08	1622431	79.015	0.626	35.96258	-94.4354
72745	11376	4641	85423282	5699871	32.982	2.201	36.24724	-94.1031
72747	152	60	14459760	0	5.583	0	36.36863	-94.5828
72749	84	30	3410844	17906	1.317	0.007	35.86842	-94.4376
72751	6434	2543	64331721	13848	24.839	0.005	36.46006	-94.1154
72752	293	233	3.09E+08	457828	119.243	0.177	35.81759	-93.5903
72753	7936	3408	2.32E+08	2175244	89.548	0.84	35.93389	-94.3311
72756	38455	16779	3.61E+08	40250621	139.331	15.541	36.32039	-93.9784
72758	33487	13088	78766078	3267595	30.412	1.262	36.29967	-94.1372
72760	342	206	90686232	131192	35.014	0.051	35.83295	-93.7067
72761	21211	8192	2.95E+08	2807476	114.044	1.084	36.16819	-94.4553
72762	35342	13463	1.55E+08	1744627	59.887	0.674	36.18158	-94.2307
72764	50230	18490	1.61E+08	7380248	62.271	2.85	36.17568	-94.0602
72768	1306	673	97615786	29350	37.69	0.011	36.47832	-94.4986
72769	1162	478	1.05E+08	645374	40.694	0.249	36.03585	-94.4959
72773	953	422	80233037	307389	30.978	0.119	36.02225	-93.8359
72774	6121	2583	3.03E+08	1609017	116.824	0.621	35.94813	-94.1472
72776	574	338	1.59E+08	352239	61.438	0.136	35.92149	-93.6496
72801	18685	7479	21061744	0	8.132	0	35.27913	-93.1409
72802	20973	8479	3.49E+08	18933362	134.561	7.31	35.31885	-93.0816

72821	2048	889	95074508	2453735	36.708	0.947	35.43494	-93.7174
72823	6765	2902	3.05E+08	11217175	117.69	4.331	35.25122	-92.9056
72824	1876	770	2.09E+08	1643581	80.719	0.635	35.133	-93.4121
72826	47	16	780530	1650	0.301	0.001	35.11944	-93.7089
72827	187	125	1.01E+08	472468	39.014	0.182	34.88297	-93.6157
72828	114	71	53654393	519870	20.716	0.201	34.93072	-93.535
72830	14896	6217	3.4E+08	15021784	131.255	5.8	35.50917	-93.5156
72832	923	431	21361258	3407322	8.248	1.316	35.41474	-93.6705
72833	4384	1708	4.68E+08	3890607	180.58	1.502	35.0217	-93.4726
72834	10565	4430	4.04E+08	22685980	155.957	8.759	35.16882	-93.1838
72835	923	461	1.33E+08	7439561	51.352	2.872	35.27781	-93.3463
72837	7845	3465	6.04E+08	1220064	233.144	0.471	35.50367	-93.1094
72838	115	69	47912540	378867	18.499	0.146	34.91075	-93.679
72839	242	202	3.87E+08	1384873	149.258	0.535	35.6297	-93.2443
72840	2149	958	1.36E+08	6722887	52.321	2.596	35.45809	-93.6154
72841	227	118	1.33E+08	876362	51.514	0.338	34.83732	-93.8008
72842	1478	740	2.44E+08	6001037	94.148	2.317	35.08238	-93.6174
72843	2274	1089	5.48E+08	375496	211.731	0.145	35.59993	-92.9375
72845	1216	563	29918465	21379759	11.552	8.255	35.36164	-93.3779
72846	3913	1732	2.49E+08	8302228	96.267	3.206	35.4839	-93.3268
72847	2850	1252	1.12E+08	16332138	43.358	6.306	35.37753	-93.2735
72851	572	311	1.21E+08	2897131	46.556	1.119	35.25529	-93.4382
72852	315	199	2.19E+08	247446	84.737	0.096	35.66988	-93.5534
72853	2217	994	1.57E+08	1022095	60.55	0.395	35.01683	-93.2023
72854	703	496	3.74E+08	412250	144.297	0.159	35.70915	-93.4234
72855	6314	2964	4.68E+08	3335594	180.785	1.288	35.25897	-93.6839
72856	464	306	3.36E+08	215438	129.694	0.083	35.78606	-93.0833
72857	1430	933	8.43E+08	12266042	325.591	4.736	34.86154	-93.3199
72858	3178	1214	65063409	2412846	25.121	0.932	35.24022	-93.0444
72860	375	212	91628834	495056	35.378	0.191	34.95357	-93.4324
72863	1582	774	1.34E+08	28079709	51.835	10.842	35.3694	-93.5113
72865	1366	497	72543168	405874	28.009	0.157	35.30946	-93.5743
72901	21591	10306	22734322	1315521	8.778	0.508	35.36619	-94.4165
72903	26148	12091	43404896	3496628	16.759	1.35	35.35098	-94.3612
72904	21893	8447	33982447	4596164	13.121	1.775	35.41334	-94.3824
72908	13378	5779	21013520	115790	8.113	0.045	35.30545	-94.4106
72916	7131	2971	89645642	715351	34.612	0.276	35.26105	-94.3894
72921	13787	5521	2.22E+08	6033332	85.866	2.329	35.4771	-94.1962
72923	4735	2094	19440143	429976	7.506	0.166	35.31486	-94.3097
72926	545	280	2.15E+08	1209161	82.923	0.467	34.73244	-94.037
72927	8701	3842	8.04E+08	9120346	310.375	3.521	35.07982	-93.9405
72928	755	328	60511932	160110	23.364	0.062	35.29134	-93.9306
72930	320	167	74350370	4123926	28.707	1.592	35.43045	-93.9653
72932	1597	656	48639358	0	18.78	0	35.60422	-94.3774
72933	4999	2162	2.95E+08	1572434	114.063	0.607	35.3285	-94.0132
72934	1047	569	1.78E+08	19940	68.862	0.008	35.6868	-94.2843
72935	577	234	8480615	0	3.274	0	35.49133	-94.1265

72936	14527	5865	2.27E+08	2683691	87.758	1.036	35.18923	-94.22
72937	3858	1688	1.68E+08	2841175	64.704	1.097	35.13502	-94.392
72938	1391	643	1.3E+08	775748	50.122	0.3	35.00412	-94.3778
72940	2515	1149	1.14E+08	1257922	44.105	0.486	35.12199	-94.2593
72941	5251	2164	1.39E+08	11162690	53.786	4.31	35.36792	-94.1563
72943	2646	1178	2.56E+08	6783538	98.719	2.619	35.18014	-93.7869
72944	2919	1288	2.05E+08	1751176	79.093	0.676	35.02408	-94.2346
72945	314	139	1764176	74596	0.681	0.029	35.08747	-94.3473
72946	3654	1812	2.49E+08	3044873	96.083	1.176	35.66954	-94.135
72947	4433	2065	3.28E+08	6827442	126.714	2.636	35.57205	-94.0284
72948	518	284	1.6E+08	121018	61.638	0.047	35.70267	-94.393
72949	10177	4514	8.84E+08	15699812	341.394	6.062	35.58428	-93.8052
72950	409	221	3.49E+08	1163406	134.914	0.449	34.77604	-93.888
72951	988	422	43283112	325437	16.712	0.126	35.32735	-93.8721
72952	2945	1283	1.32E+08	0	51.082	0	35.56876	-94.3004
72955	438	184	32204963	510	12.434	0	35.61417	-94.4378
72956	34074	14013	2.73E+08	11859488	105.403	4.579	35.466	-94.3493
72958	8117	3671	9.01E+08	9951067	347.802	3.842	34.90383	-94.1374
72959	2786	1400	4.63E+08	950831	178.793	0.367	35.78676	-94.0648
73002	1062	513	1.21E+08	687936	46.77	0.266	34.93924	-97.7283
73003	20617	8467	19553507	23950	7.55	0.009	35.66891	-97.4974
73004	857	358	1.28E+08	31888	49.45	0.012	35.1523	-97.8441
73005	9541	3980	4E+08	1602248	154.35	0.619	35.05131	-98.2401
73006	3718	1678	4.54E+08	2555081	175.269	0.987	34.90622	-98.4002
73007	2178	982	1.06E+08	577192	40.788	0.223	35.68664	-97.3283
73008	19800	9009	20189808	1488121	7.795	0.575	35.51389	-97.648
73009	1264	619	2.07E+08	1246474	79.745	0.481	35.2864	-98.3728
73010	17563	6826	4.69E+08	2929154	180.912	1.131	35.11137	-97.6792
73011	416	229	1.35E+08	946269	51.954	0.365	34.84784	-97.7466
73012	25851	9578	92492075	272545	35.711	0.105	35.66723	-97.5937
73013	43933	18074	75840293	1014553	29.282	0.392	35.61879	-97.4844
73014	1431	660	3.82E+08	1916636	147.68	0.74	35.58753	-98.1452
73015	2877	1503	5.68E+08	2946966	219.132	1.138	35.08363	-98.5944
73016	1850	740	1.65E+08	1882646	63.566	0.727	35.80214	-97.6877
73017	1780	804	1.97E+08	976167	76.19	0.377	34.92656	-98.0936
73018	19936	8995	4.08E+08	424887	157.525	0.164	35.05145	-97.9405
73019	0	0	505504	0	0.195	0	35.20606	-97.4436
73020	20810	8201	1.57E+08	177108	60.476	0.068	35.45881	-97.2628
73021	352	184	1.67E+08	605475	64.293	0.234	35.34511	-98.6637
73024	637	272	1.16E+08	167428	44.841	0.065	35.3605	-98.7975
73025	11579	3959	1.36E+08	202671	52.635	0.078	35.73392	-97.5774
73026	10437	4200	2.77E+08	24032547	107.075	9.279	35.24046	-97.2757
73027	1493	739	2.09E+08	3589938	80.626	1.386	35.97818	-97.252
73028	3454	1699	3.76E+08	2290539	145.078	0.884	35.97796	-97.6315
73029	1818	845	1.28E+08	286648	49.48	0.111	34.9054	-98.2063
73030	4464	2109	4.94E+08	5381072	190.747	2.078	34.46615	-97.1645
73032	222	121	5270524	80933	2.035	0.031	34.39821	-97.0471

73033	387	166	16955915	0	6.547	0	35.31439	-98.5466
73034	39872	16090	1.4E+08	6492618	54.171	2.507	35.70341	-97.4341
73036	18595	7371	4.75E+08	3050886	183.332	1.178	35.50939	-97.9598
73038	2032	1261	3.87E+08	15980275	149.5	6.17	35.1245	-98.4513
73040	1976	927	6.06E+08	1405819	234.15	0.543	35.64556	-98.3752
73041	366	249	2.71E+08	1392823	104.818	0.538	35.04229	-98.8761
73042	1073	528	2.76E+08	686880	106.441	0.265	35.22287	-98.2469
73043	125	80	49669102	752	19.177	0	35.73425	-98.4034
73044	20226	8813	6.82E+08	6492592	263.145	2.507	35.85957	-97.4228
73045	10378	4228	1.71E+08	1930459	66.192	0.745	35.51427	-97.1505
73047	4774	1782	3.91E+08	1839536	151.1	0.71	35.45682	-98.3151
73048	2020	1055	4.85E+08	787636	187.095	0.304	35.49658	-98.5463
73049	5910	2407	1.59E+08	1474905	61.346	0.569	35.58705	-97.3093
73050	1370	49	4159373	0	1.606	0	35.9387	-97.2638
73051	10264	3032	3.32E+08	4597328	128.255	1.775	35.03185	-97.2463
73052	6315	2895	5.33E+08	5830388	205.952	2.251	34.83354	-97.589
73053	745	356	1.95E+08	1194358	75.18	0.461	35.35548	-98.414
73054	4189	1700	2.37E+08	430059	91.399	0.166	35.67065	-97.1911
73055	9942	4435	6.56E+08	16496285	253.093	6.369	34.64385	-97.9107
73056	441	213	2.93E+08	713971	113.25	0.276	36.17694	-97.6262
73057	2384	1087	2.27E+08	4468865	87.773	1.725	34.83033	-97.4203
73058	332	201	1.07E+08	758340	41.164	0.293	35.81557	-97.2201
73059	2924	1287	4.35E+08	1338127	167.834	0.517	35.31171	-98.0464
73061	1596	665	2.91E+08	12696947	112.395	4.902	36.35513	-97.0056
73062	1396	795	6.51E+08	3214670	251.301	1.241	35.04625	-98.7409
73063	691	330	2.78E+08	652093	107.329	0.252	36.05271	-97.425
73064	20611	8032	1.31E+08	2831515	50.545	1.093	35.36876	-97.7466
73065	6546	2544	1.33E+08	2624519	51.264	1.013	35.25617	-97.61
73066	417	200	2153064	0	0.831	0	35.50022	-97.3275
73067	2161	935	3.24E+08	1773975	124.959	0.685	34.91108	-97.9071
73068	11707	4777	1.63E+08	1909606	63.004	0.737	35.13851	-97.2918
73069	23912	11118	41022526	571314	15.839	0.221	35.24966	-97.4624
73071	36711	16480	63119893	1370123	24.371	0.529	35.23835	-97.4119
73072	42797	17300	1.36E+08	2691309	52.669	1.039	35.2127	-97.5042
73073	541	259	3E+08	476195	115.791	0.184	36.15176	-97.4156
73074	1190	514	1.03E+08	1754685	39.794	0.677	34.83339	-97.2741
73075	9519	4458	3.56E+08	7872422	137.429	3.04	34.74881	-97.2323
73077	7135	3487	6.98E+08	4950586	269.54	1.911	36.30613	-97.2664
73078	7786	2726	1.7E+08	2146569	65.72	0.829	35.67495	-97.7538
73079	643	271	1.94E+08	293126	75.012	0.113	35.21093	-98.012
73080	9276	3832	2.81E+08	5553373	108.325	2.144	34.99452	-97.4798
73082	2980	1442	3.94E+08	3170615	152.203	1.224	34.7762	-97.9021
73084	6518	3008	43748081	0	16.891	0	35.52586	-97.3444
73086	8345	4304	4.6E+08	15769536	177.598	6.089	34.4818	-96.9642
73089	11522	4388	2.73E+08	276854	105.255	0.107	35.26862	-97.7929
73090	1198	390	1.56E+08	1407570	60.342	0.543	35.3989	-97.9484
73092	908	429	1.46E+08	3453795	56.399	1.334	35.12389	-98.1

73093	2612	1034	1.37E+08	1263064	52.727	0.488	35.10961	-97.4865
73095	1895	849	1.81E+08	3478376	69.81	1.343	34.89856	-97.2961
73096	13037	5727	5.16E+08	1197866	199.374	0.462	35.51405	-98.741
73097	187	84	2008810	0	0.776	0	35.40049	-97.6448
73098	4227	2030	3.53E+08	5346718	136.321	2.064	34.62699	-97.1622
73099	57492	23063	3.14E+08	6466797	121.289	2.497	35.52517	-97.7717
73102	3858	1299	2052859	0	0.793	0	35.47075	-97.519
73103	4315	2875	3029514	0	1.17	0	35.48907	-97.5189
73104	1664	1040	3926639	0	1.516	0	35.47523	-97.5039
73105	5210	3020	11522183	15052	4.449	0.006	35.52003	-97.5013
73106	13581	5999	8120282	0	3.135	0	35.48197	-97.5368
73107	26561	12521	20276430	0	7.829	0	35.48161	-97.5756
73108	15350	5780	19462146	0	7.514	0	35.45001	-97.5677
73109	20594	8331	14059075	0	5.428	0	35.43314	-97.5245
73110	32666	15497	27652692	0	10.677	0	35.46118	-97.3976
73111	11781	6064	22317068	164724	8.617	0.064	35.5195	-97.4774
73112	30943	16359	19959330	106363	7.706	0.041	35.51817	-97.5754
73114	17422	8045	24332615	80327	9.395	0.031	35.57814	-97.5177
73115	20541	9190	15343238	0	5.924	0	35.44234	-97.4415
73116	9241	4831	14079788	2274260	5.436	0.878	35.5467	-97.5646
73117	5191	2887	16784745	5368	6.481	0.002	35.47486	-97.4625
73118	13571	7251	12872439	7266	4.97	0.003	35.51797	-97.5287
73119	31347	11746	15729115	0	6.073	0	35.42201	-97.5661
73120	34824	19076	28678275	6539020	11.073	2.525	35.58132	-97.5737
73121	3053	1457	25996170	54943	10.037	0.021	35.52112	-97.4395
73122	13164	5988	8581570	89704	3.313	0.035	35.52048	-97.6134
73127	24077	11123	31437210	452184	12.138	0.175	35.47742	-97.6532
73128	4200	1643	17105168	29410	6.604	0.011	35.45848	-97.6624
73129	20126	7749	32587191	0	12.582	0	35.43149	-97.4843
73130	19439	8212	25775212	0	9.952	0	35.45863	-97.3456
73131	3145	1343	31138126	55280	12.022	0.021	35.57646	-97.4693
73132	26432	12382	19356944	645278	7.474	0.249	35.55291	-97.6358
73134	4312	2671	10697487	0	4.13	0	35.61417	-97.5684
73135	20529	8324	30014625	89469	11.589	0.035	35.40027	-97.4331
73139	17253	7953	11344948	4186	4.38	0.002	35.38642	-97.5257
73141	2727	1307	27835446	36659	10.747	0.014	35.51683	-97.3997
73142	10707	5198	25326520	423792	9.779	0.164	35.6166	-97.6453
73145	2859	640	15088852	0	5.826	0	35.41909	-97.394
73149	4643	2068	13597033	0	5.25	0	35.38942	-97.4893
73150	4609	1910	49050096	254131	18.938	0.098	35.40124	-97.3299
73151	1446	501	7476710	34116	2.887	0.013	35.57168	-97.4166
73159	30350	12747	31684617	224317	12.233	0.087	35.38786	-97.5788
73160	53666	21285	58155467	886069	22.454	0.342	35.33244	-97.4752
73162	27758	12137	18023553	406197	6.959	0.157	35.58201	-97.6409
73165	5809	2238	1.04E+08	11015911	39.973	4.253	35.35544	-97.3652
73169	1782	672	17211587	53059	6.645	0.02	35.38277	-97.6426
73170	35343	13876	54272525	1300932	20.955	0.502	35.32577	-97.5526

73173	1299	500	42054455	689583	16.237	0.266	35.34632	-97.624
73179	3082	1153	31831264	66111	12.29	0.026	35.42839	-97.6408
73401	34927	15531	8.52E+08	33392662	328.863	12.893	34.20329	-97.1155
73425	84	46	3578547	5327	1.382	0.002	34.4551	-97.5584
73430	1176	716	2.36E+08	7056974	91.068	2.725	33.89832	-97.3614
73432	974	474	1.53E+08	1288377	59.117	0.497	34.25124	-96.4139
73433	2761	1274	4.26E+08	2305060	164.548	0.89	34.62817	-97.4067
73434	699	305	2.57E+08	4710596	99.131	1.819	34.61854	-97.5792
73437	107	50	33500120	273786	12.934	0.106	34.36794	-97.4124
73438	3708	1738	2.25E+08	901695	86.726	0.348	34.28156	-97.5032
73439	7400	6194	3.32E+08	29965336	128.041	11.57	33.9379	-96.7441
73440	398	221	30219684	8478999	11.668	3.274	33.9447	-96.8967
73441	165	91	9553245	0	3.689	0	33.90447	-97.4306
73442	428	211	2.09E+08	773296	80.555	0.299	34.32701	-97.6646
73443	3585	1488	1.36E+08	236519	52.68	0.091	34.16499	-97.2976
73444	156	71	1.05E+08	381382	40.622	0.147	34.4751	-97.3614
73446	8042	3591	5.98E+08	29051691	230.785	11.217	34.08959	-96.7778
73447	1205	559	2.35E+08	4639311	90.824	1.791	34.24725	-96.8535
73448	5784	2624	5.55E+08	20014326	214.337	7.728	33.94831	-97.1061
73449	2987	1750	97382170	21402579	37.599	8.264	34.00875	-96.5441
73450	1248	594	2.43E+08	1735496	93.939	0.67	34.26343	-96.5332
73453	661	323	1.83E+08	922819	70.639	0.356	34.04168	-97.2385
73455	673	297	23511505	692833	9.078	0.268	34.22998	-96.7604
73456	2082	1065	6.61E+08	3717678	255.264	1.435	34.12455	-97.6457
73458	952	419	2.72E+08	4700888	105.069	1.815	34.35954	-97.2499
73459	1132	497	89960205	6749921	34.734	2.606	33.77389	-97.1305
73460	4747	2167	4.16E+08	28517502	160.472	11.011	34.27581	-96.6513
73461	795	399	1.57E+08	1291246	60.74	0.499	34.3608	-96.4569
73463	3501	1568	5.28E+08	1291942	203.714	0.499	34.10771	-97.4349
73481	978	468	1.96E+08	966482	75.763	0.373	34.43927	-97.522
73487	232	128	29758851	264303	11.49	0.102	34.48434	-97.449
73491	721	360	44846444	508097	17.315	0.196	34.4734	-97.6379
73501	20935	8868	3.04E+08	1128842	117.336	0.436	34.55795	-98.291
73503	10996	1502	2.18E+08	1014724	84.299	0.392	34.68297	-98.4918
73505	49809	21600	1.43E+08	246279	55.258	0.095	34.57627	-98.4812
73507	22847	10558	5.29E+08	1529446	204.105	0.591	34.79572	-98.6291
73520	149	76	27450251	134072	10.599	0.052	34.26301	-97.9899
73521	21636	9705	4.76E+08	623285	183.785	0.241	34.64131	-99.3159
73526	2133	1002	2.13E+08	114663	82.073	0.044	34.79164	-99.276
73527	5184	1983	2.12E+08	363631	81.75	0.14	34.57823	-98.6223
73528	680	304	2.24E+08	1821381	86.38	0.703	34.39838	-98.6334
73529	5344	2416	5.62E+08	10768152	217.109	4.158	34.35066	-97.9447
73530	442	252	3.46E+08	6826491	133.756	2.636	34.25518	-99.0223
73531	401	187	2.06E+08	2209215	79.44	0.853	34.19464	-98.5369
73532	600	296	3.65E+08	768293	140.78	0.297	34.64321	-99.5859
73533	28434	13111	8.6E+08	12356003	331.901	4.771	34.50532	-97.8659
73537	643	373	4.59E+08	411868	177.338	0.159	34.48669	-99.6642

73538	4675	1979	2.07E+08	1269426	79.996	0.49	34.67399	-98.2377
73539	218	126	1.86E+08	1919067	71.925	0.741	34.45718	-99.2806
73540	439	204	1.44E+08	398013	55.45	0.154	34.46709	-98.5609
73541	3106	1302	2.16E+08	427773	83.49	0.165	34.78873	-98.1807
73542	4659	2300	8.6E+08	8219247	332.075	3.173	34.4018	-98.9482
73543	1859	765	1.8E+08	714735	69.484	0.276	34.47006	-98.374
73544	268	177	3.34E+08	487227	128.918	0.188	34.68254	-99.7457
73546	1232	647	3.49E+08	3201008	134.777	1.236	34.22294	-98.7235
73547	2319	703	3.16E+08	9817245	122.163	3.79	34.9929	-99.4133
73548	519	337	1.32E+08	13775936	50.774	5.319	34.28648	-98.1086
73549	296	158	1.92E+08	167312	74.043	0.065	34.64481	-99.1528
73550	2512	1253	5.57E+08	2832100	214.869	1.093	34.68961	-99.9003
73551	65	30	28406973	30920	10.968	0.012	34.35405	-98.8889
73552	1612	640	2.95E+08	1045098	114.029	0.404	34.64244	-98.7619
73553	46	27	1.12E+08	415175	43.169	0.16	34.32664	-98.7221
73554	3614	1861	1.05E+09	1237520	405.954	0.478	34.89324	-99.6169
73555	214	104	51360474	171745	19.83	0.066	34.50151	-98.9659
73556	166	90	3733975	0	1.442	0	34.73008	-99.3841
73557	427	327	6029518	182981	2.328	0.071	34.73199	-98.489
73559	540	306	2.71E+08	9067575	104.753	3.501	34.73139	-98.9637
73560	829	379	3.47E+08	405416	133.879	0.157	34.53928	-99.4467
73562	772	364	2.64E+08	7439954	102.032	2.873	34.18101	-98.4092
73564	551	351	4.94E+08	15171026	190.574	5.858	34.84845	-98.9997
73565	1092	589	5.1E+08	4470614	197.099	1.726	34.01991	-97.894
73566	1674	836	2.88E+08	653164	111.028	0.252	34.61656	-98.9301
73567	860	371	11942909	36831	4.611	0.014	34.74592	-98.1441
73568	1182	648	2.37E+08	4709526	91.498	1.818	34.25209	-98.213
73569	537	324	1.92E+08	6107496	74.123	2.358	33.93597	-97.7827
73570	1128	614	3.21E+08	1047198	123.876	0.404	34.51463	-99.1148
73571	87	73	3.24E+08	185604	125.201	0.072	34.93197	-99.8913
73572	3699	1736	7.16E+08	5461825	276.453	2.109	34.35964	-98.3453
73573	2551	1255	5.54E+08	25132782	213.882	9.704	34.16564	-97.9386
73601	10299	4371	3.47E+08	962559	133.845	0.372	35.48961	-98.9635
73620	1194	464	3.2E+08	699051	123.705	0.27	35.62233	-99.0251
73622	266	143	1.4E+08	703319	53.969	0.272	35.38616	-98.9966
73624	2142	937	26189472	61834	10.112	0.024	35.34163	-99.1779
73625	554	376	3.46E+08	19965821	133.728	7.709	35.67671	-99.1905
73626	1136	608	2.99E+08	9190683	115.541	3.549	35.42146	-99.2789
73627	628	303	2.62E+08	1306141	101.336	0.504	35.19701	-99.4527
73628	1583	835	9.62E+08	6968620	371.385	2.691	35.63012	-99.7002
73632	3433	1655	5.24E+08	2876629	202.456	1.111	35.26956	-98.932
73638	142	92	3.52E+08	518179	135.984	0.2	35.84037	-99.7847
73639	602	333	3.83E+08	996731	147.862	0.385	35.73909	-98.9606
73641	762	365	1.1E+08	80801	42.607	0.031	35.27121	-99.1737
73642	187	110	2.52E+08	1442083	97.292	0.557	35.82273	-99.9099
73644	14147	6433	4.94E+08	2144564	190.722	0.828	35.41959	-99.4378
73645	1538	853	7.42E+08	419121	286.666	0.162	35.19748	-99.8964

73646	384	234	2.98E+08	534511	114.868	0.206	35.82957	-98.6096
73647	519	264	2.79E+08	2250537	107.832	0.869	35.43551	-99.16
73650	1020	437	4.98E+08	4178124	192.42	1.613	35.64595	-99.4029
73651	4268	2152	5.41E+08	2375850	209.056	0.917	35.01454	-99.0756
73654	866	489	8.82E+08	8068989	340.599	3.115	35.87103	-99.3677
73655	864	648	4.09E+08	10020477	157.831	3.869	34.98235	-99.2637
73658	260	140	2.12E+08	45717	81.819	0.018	35.94921	-98.742
73659	160	106	3.76E+08	4515869	145.307	1.744	35.86282	-98.9173
73660	430	235	3.26E+08	1130448	126.007	0.436	35.61765	-99.9173
73661	420	200	1.75E+08	2329271	67.417	0.899	35.1672	-99.0094
73662	6093	2193	1.01E+09	1608056	388.711	0.621	35.29836	-99.6843
73663	1332	625	3.51E+08	956300	135.51	0.369	36.10294	-98.895
73664	1184	542	3.38E+08	1183688	130.599	0.457	35.186	-99.2474
73666	180	94	1.96E+08	206728	75.571	0.08	35.47298	-99.9202
73667	517	294	3.95E+08	1929640	152.444	0.745	36.0059	-99.0399
73669	1675	780	3.57E+08	342072	137.675	0.132	35.73071	-98.7448
73673	319	189	3.25E+08	618222	125.396	0.239	35.05442	-99.5675
73701	24808	10453	3.76E+08	448395	145.159	0.173	36.42674	-97.792
73703	27951	12927	2.94E+08	242724	113.433	0.094	36.42705	-97.9693
73705	267	0	1146031	0	0.442	0	36.33824	-97.9026
73716	510	302	3.27E+08	330472	126.273	0.128	36.49945	-98.5248
73717	6846	3235	1.7E+09	2606753	657.194	1.006	36.84838	-98.7644
73718	501	254	1.85E+08	534138	71.402	0.206	36.22479	-98.1668
73719	83	50	1.14E+08	0	43.91	0	36.95678	-98.2884
73720	265	126	1.49E+08	42135	57.637	0.016	36.20113	-97.8728
73722	427	218	4.39E+08	559759	169.422	0.216	36.84808	-98.2156
73724	1190	825	3.96E+08	33745106	152.959	13.029	36.05215	-98.6637
73726	472	300	2.75E+08	223394	106.306	0.086	36.58778	-98.4971
73727	267	112	98092036	141672	37.874	0.055	36.49952	-98.0418
73728	1861	1043	5.91E+08	620667	228.179	0.24	36.74741	-98.3725
73729	578	288	1.48E+08	370364	57.188	0.143	36.42242	-98.4766
73730	734	357	1.48E+08	181420	57.333	0.07	36.32079	-97.5393
73731	171	110	98059477	32200	37.861	0.012	36.64499	-98.6034
73733	221	99	1.33E+08	14028	51.529	0.005	36.25466	-97.6879
73734	1067	457	2.69E+08	3659365	103.737	1.413	35.97839	-97.863
73735	684	285	91534597	136767	35.342	0.053	36.28036	-98.0629
73736	356	167	1.44E+08	530391	55.409	0.205	36.34024	-97.6817
73737	3367	1709	8.39E+08	2604736	323.948	1.006	36.29324	-98.6399
73738	1134	554	2.66E+08	1067841	102.802	0.412	36.45102	-97.552
73739	369	194	1.26E+08	296205	48.628	0.114	36.51247	-98.1435
73741	1614	328	2.75E+08	518208	106.048	0.2	36.55745	-98.2567
73742	3824	1595	6.04E+08	3916076	233.034	1.512	36.09506	-97.9347
73743	122	50	14390364	18842	5.556	0.007	36.57614	-98.0132
73744	267	133	2.36E+08	69590	90.975	0.027	35.94788	-98.3062
73746	37	19	1322106	0	0.51	0	36.68512	-98.6576
73747	285	137	1.08E+08	497234	41.858	0.192	36.22789	-98.3318
73749	448	406	2.05E+08	2546551	79.133	0.983	36.71682	-98.1549

73750	7025	2993	6.88E+08	5329239	265.732	2.058	35.85263	-97.9524
73753	468	197	1.69E+08	80111	65.065	0.031	36.55525	-97.8637
73754	1078	476	94581915	116480	36.518	0.045	36.39819	-98.0961
73755	905	603	1.91E+08	131001	73.76	0.051	36.13823	-98.5647
73756	352	168	2.13E+08	1228055	82.315	0.474	35.9795	-98.1301
73757	178	95	89741304	369295	34.649	0.143	36.28688	-97.4582
73758	197	135	2.44E+08	380982	94.068	0.147	36.95025	-98.081
73759	1468	814	9.84E+08	1150834	380.026	0.444	36.86011	-97.7204
73760	470	199	1.54E+08	855365	59.513	0.33	36.371	-98.1691
73761	395	231	2.62E+08	768953	101.261	0.297	36.68291	-98.0435
73762	2156	915	4.87E+08	5293286	187.964	2.044	35.71319	-97.9644
73763	1623	780	5.16E+08	795746	199.308	0.307	36.09287	-98.3264
73764	144	78	1.29E+08	369743	49.739	0.143	35.85474	-98.2017
73766	1096	560	3.96E+08	3149312	152.75	1.216	36.65559	-97.8257
73768	1568	658	3.39E+08	1718979	131.071	0.664	36.35523	-98.2921
73771	495	314	3.5E+08	193319	135.042	0.075	36.8758	-97.9731
73772	6119	1972	6.33E+08	627873	244.353	0.242	35.86325	-98.4303
73773	1744	790	2.75E+08	69229	106.312	0.027	36.26573	-97.9205
73801	15228	7024	1.24E+09	7272857	479.572	2.808	36.47995	-99.4387
73832	929	552	1.19E+09	181013	458.092	0.07	36.04973	-99.6898
73834	1643	856	1.06E+09	2240574	407.969	0.865	36.84652	-99.5403
73835	309	177	3.6E+08	725158	138.821	0.28	35.96713	-99.2193
73838	462	248	3.73E+08	309571	143.904	0.12	36.23787	-98.8955
73840	691	340	4.49E+08	82998	173.26	0.032	36.35617	-99.6148
73841	1482	234	97758229	0	37.745	0	36.55874	-99.6243
73842	494	295	1.13E+09	6644710	436.222	2.566	36.81834	-99.1986
73843	883	473	8.3E+08	61207	320.499	0.024	36.39853	-99.8143
73844	269	158	8.8E+08	5802980	339.879	2.241	36.87169	-100.142
73848	2156	1099	1.58E+09	610433	608.65	0.236	36.66089	-100.012
73851	80	63	1.27E+08	0	49.152	0	36.59141	-99.8065
73852	2051	973	1.05E+09	307374	406.425	0.119	36.47926	-99.1201
73853	379	184	3.41E+08	1571	131.606	0.001	36.24156	-99.1474
73855	106	68	3.5E+08	2600539	135.151	1.004	36.91788	-99.8677
73857	623	270	1.64E+08	16033	63.151	0.006	36.26988	-99.3291
73858	1666	920	6.43E+08	626809	248.395	0.242	36.17917	-99.9215
73859	1459	682	4.89E+08	225082	188.65	0.087	36.12641	-99.2996
73860	1337	834	8.75E+08	2267471	337.87	0.875	36.54571	-98.8369
73901	156	73	32291862	93688	12.468	0.036	36.74006	-101.017
73931	510	243	6.65E+08	352545	256.835	0.136	36.6087	-100.798
73932	2092	1030	1.44E+09	609893	555.846	0.235	36.71577	-100.499
73933	1697	1028	2.69E+09	5467797	1040.338	2.111	36.74086	-102.58
73937	173	108	4.54E+08	2055274	175.206	0.794	36.5549	-102.796
73938	781	351	5.13E+08	141840	198.155	0.055	36.93237	-100.579
73939	1695	634	8.61E+08	4022140	332.586	1.553	36.77678	-101.79
73942	12953	4965	1.61E+09	6556524	623.399	2.531	36.73849	-101.506
73944	388	236	5.79E+08	340765	223.448	0.132	36.59095	-101.108
73945	2889	1175	1E+09	2954405	385.921	1.141	36.82691	-101.233

73946	45	57	4.66E+08	6017921	179.744	2.324	36.93548	-102.804
73947	472	347	8.55E+08	549458	330.236	0.212	36.82045	-102.149
73949	1688	764	1.36E+09	5991913	525.238	2.313	36.58114	-101.915
73950	1736	732	5.65E+08	137996	218.179	0.053	36.85477	-100.895
73951	1141	497	2.48E+08	802925	95.839	0.31	36.94288	-101.063
74001	367	198	15542156	122084	6.001	0.047	36.49336	-96.0829
74002	2333	1061	3.74E+08	2640742	144.478	1.02	36.55721	-96.143
74003	14249	6951	3.16E+08	2256007	121.981	0.871	36.72827	-96.0676
74006	25750	11719	2.3E+08	1402246	88.815	0.541	36.71244	-95.895
74008	22461	8845	2.05E+08	8365286	79.215	3.23	35.92348	-95.877
74010	10501	4755	8.51E+08	10927916	328.665	4.219	35.81455	-96.3638
74011	25448	9996	61284078	5117665	23.662	1.976	35.98181	-95.8092
74012	57526	22205	64132269	97528	24.762	0.038	36.0514	-95.8058
74014	34579	12954	2.73E+08	3878708	105.242	1.498	36.05563	-95.6808
74015	8064	3766	1.48E+08	1844910	56.961	0.712	36.18043	-95.7028
74016	6005	2667	3.88E+08	895556	149.77	0.346	36.54516	-95.4513
74017	28057	11669	3.74E+08	4500712	144.354	1.738	36.39096	-95.5878
74019	17648	6957	2.85E+08	2353986	110.183	0.909	36.28477	-95.6032
74020	7294	3385	1.77E+08	32303859	68.194	12.473	36.24613	-96.4209
74021	17359	6708	1.78E+08	781699	68.882	0.302	36.38343	-95.8417
74022	1760	832	3.06E+08	23185702	118.313	8.952	36.94429	-95.9878
74023	11741	5317	4.56E+08	4385688	175.998	1.693	35.95894	-96.7514
74026	896	413	6331070	72844	2.444	0.028	35.71174	-96.762
74027	1015	463	2.39E+08	428823	92.16	0.166	36.78884	-95.5857
74028	1881	802	2.63E+08	4106714	101.685	1.586	35.78626	-96.52
74029	5128	2303	1.34E+08	277085	51.783	0.107	36.82288	-95.8899
74030	3864	1842	1.79E+08	892691	68.953	0.345	35.98611	-96.5588
74032	2219	1034	2.67E+08	2930638	103.19	1.132	36.20693	-96.8988
74033	10163	3712	30830375	0	11.904	0	35.94598	-96.0074
74034	150	75	8347288	0	3.223	0	36.22628	-96.5791
74035	4565	1702	6.24E+08	19713179	241.016	7.611	36.42143	-96.388
74036	6734	2663	3.18E+08	3247628	122.973	1.254	36.15805	-95.5065
74037	15159	5699	37204863	3633903	14.365	1.403	35.99855	-95.9799
74038	2254	993	2.51E+08	1469420	96.864	0.567	36.15762	-96.5593
74039	3770	1511	1.69E+08	2623442	65.357	1.013	35.90172	-96.2366
74041	2057	841	19300748	252686	7.452	0.098	35.94156	-96.0549
74042	540	238	1.48E+08	1499870	57.068	0.579	36.85855	-95.5786
74044	7406	3170	2.09E+08	29320217	80.721	11.321	36.09402	-96.3853
74045	311	170	1.16E+08	41329	44.818	0.016	36.22113	-96.7082
74046	115	57	2234284	16777	0.863	0.006	35.75095	-96.5592
74047	7163	2880	2.58E+08	1058270	99.433	0.409	35.85323	-96.0108
74048	6092	2809	5.41E+08	3713856	208.776	1.434	36.69538	-95.6588
74050	323	159	634404	0	0.245	0	36.07282	-96.0646
74051	1904	822	87158139	1117984	33.652	0.432	36.61301	-95.9567
74052	1180	585	37681173	711056	14.549	0.275	36.08534	-96.5781
74053	4315	1712	1.02E+08	625618	39.512	0.242	36.43056	-95.7317
74054	844	409	73708965	15275996	28.459	5.898	36.27988	-96.3475

74055	38680	14912	1.32E+08	286322	51.085	0.111	36.27671	-95.8191
74056	5720	2990	1.69E+09	18105984	653.389	6.991	36.7953	-96.3309
74058	4259	2033	6.67E+08	8562593	257.585	3.306	36.36263	-96.7586
74059	5476	2365	2.99E+08	3026664	115.478	1.169	35.95708	-97.061
74060	586	276	37495435	3750370	14.477	1.448	36.27198	-96.2462
74061	2095	906	2.38E+08	1432478	91.777	0.553	36.53313	-95.8926
74062	1123	483	81608114	2687935	31.509	1.038	36.03772	-96.901
74063	29808	12632	3.52E+08	19958933	135.826	7.706	36.15077	-96.1996
74066	31060	13011	3.28E+08	4107659	126.764	1.586	35.99314	-96.1643
74068	111	60	1973980	9690	0.762	0.004	35.90725	-96.578
74070	13928	5688	4.88E+08	26052055	188.508	10.059	36.39968	-96.0827
74071	180	88	19416058	303376	7.497	0.117	35.78347	-96.2962
74072	1816	832	2.93E+08	389545	113.184	0.15	36.95152	-95.5344
74073	5118	2089	1.21E+08	9089330	46.838	3.509	36.29307	-96.0261
74074	29184	12607	3.41E+08	6323091	131.766	2.441	36.07895	-97.074
74075	23866	11430	2.4E+08	14985121	92.574	5.786	36.16917	-97.0832
74078	2295	0	626995	0	0.242	0	36.1241	-97.0705
74079	4504	2141	4.55E+08	7987959	175.488	3.084	35.74663	-96.6552
74080	2829	1151	2.59E+08	792742	100.127	0.306	36.54211	-95.749
74081	1837	798	88223598	5544620	34.063	2.141	36.1805	-96.4516
74082	107	40	197541	0	0.076	0	36.45048	-95.8816
74083	1031	477	2.71E+08	520123	104.627	0.201	36.87921	-95.7534
74084	628	345	1.57E+08	116122	60.789	0.045	36.53346	-96.3515
74085	2588	1238	2.41E+08	1352404	93.077	0.522	36.11079	-96.7226
74103	2692	160	1477507	0	0.57	0	36.1556	-95.9946
74104	12724	6606	7052674	0	2.723	0	36.14647	-95.954
74105	26547	14622	18922019	792782	7.306	0.306	36.09744	-95.9611
74106	17648	8379	19616643	6586	7.574	0.003	36.19194	-95.9852
74107	19458	8947	66446160	3341157	25.655	1.29	36.11502	-96.0324
74108	7490	2936	21106609	19620	8.149	0.008	36.1395	-95.7901
74110	14862	6378	15326364	6436	5.918	0.002	36.18811	-95.9539
74112	20684	10275	17560641	29404	6.78	0.011	36.14704	-95.9023
74114	15778	8020	12622115	208989	4.873	0.081	36.12694	-95.9467
74115	22941	9886	40554601	1980396	15.658	0.765	36.19209	-95.9092
74116	3890	1777	46559752	170461	17.977	0.066	36.18875	-95.8426
74117	87	44	31595960	247180	12.199	0.095	36.24604	-95.9015
74119	3561	3036	2037045	0	0.787	0	36.14208	-95.9892
74120	4940	3028	5523242	4742	2.133	0.002	36.15074	-95.9774
74126	10598	4795	62054905	226804	23.96	0.088	36.24193	-96.0258
74127	17151	7906	63160827	2902520	24.387	1.121	36.17965	-96.0455
74128	12676	5193	9572817	0	3.696	0	36.14747	-95.8515
74129	18976	7935	10792940	41382	4.167	0.016	36.12624	-95.8712
74130	2065	977	10518882	37440	4.061	0.014	36.24148	-95.9566
74131	2775	1173	25766701	199938	9.949	0.077	36.05242	-96.0686
74132	7543	3113	31542565	1151031	12.179	0.444	36.04878	-96.0167
74133	43414	19962	35635722	52197	13.759	0.02	36.03927	-95.8774
74134	15083	6211	28571775	1041667	11.032	0.402	36.11048	-95.8055

74135	20651	10984	15622888	13887	6.032	0.005	36.09621	-95.924
74136	30703	15610	20929510	1065967	8.081	0.412	36.0624	-95.9415
74137	25737	11276	26743390	1147825	10.326	0.443	36.01936	-95.932
74145	17402	8507	15726203	33270	6.072	0.013	36.09714	-95.8905
74146	15498	6214	13157932	33903	5.08	0.013	36.09881	-95.8552
74301	11840	5399	1.03E+09	9242696	396.272	3.569	36.67773	-95.2247
74330	2884	1306	2.51E+08	3045264	97.02	1.176	36.43711	-95.2724
74331	7258	6258	2.91E+08	55897712	112.356	21.582	36.63942	-94.9404
74332	1972	894	1.77E+08	2388669	68.474	0.922	36.51697	-95.2286
74333	1221	540	2.32E+08	319830	89.654	0.123	36.794	-95.0819
74337	5060	2341	2.38E+08	9762970	91.962	3.77	36.14074	-95.3369
74338	5480	2243	4.29E+08	1425472	165.827	0.55	36.25712	-94.7318
74339	2606	1108	8902463	0	3.437	0	36.93395	-94.8797
74340	311	259	4666571	4136747	1.802	1.597	36.47523	-95.0231
74342	2927	2501	1.94E+08	14008878	74.712	5.409	36.4293	-94.9338
74343	3100	1466	1.67E+08	13063638	64.38	5.044	36.7357	-94.8283
74344	14412	8385	2.32E+08	45622695	89.564	17.615	36.59548	-94.7407
74346	7864	3849	5.74E+08	20576124	221.75	7.944	36.43946	-94.7544
74347	2593	1354	91197678	221229	35.212	0.085	36.20992	-94.812
74349	318	237	3592680	173640	1.387	0.067	36.51752	-95.0374
74350	862	490	15338116	681634	5.922	0.263	36.46592	-95.0524
74352	6803	3074	3.39E+08	14029311	130.814	5.417	36.1419	-95.1804
74354	18126	7806	4.68E+08	7140021	180.785	2.757	36.88614	-94.8825
74358	270	124	321134	0	0.124	0	36.91785	-94.8806
74359	656	258	24304443	352	9.384	0	36.1718	-94.7949
74360	31	39	16649433	46327	6.428	0.018	36.97039	-94.8339
74361	16293	7077	4.43E+08	17541404	171.051	6.773	36.30277	-95.3068
74363	2892	1207	1.76E+08	1104693	68.034	0.427	36.9554	-94.7151
74364	1750	751	2.47E+08	1677	95.195	0.001	36.19632	-94.9485
74365	5110	2391	1.86E+08	16394161	71.653	6.33	36.29371	-95.0713
74366	1474	843	95387548	7313494	36.829	2.824	36.3904	-95.0462
74367	587	319	47490204	4868650	18.336	1.88	36.41609	-95.1129
74368	117	36	2904808	0	1.122	0	36.20755	-94.8485
74369	1803	866	5.93E+08	1028294	228.79	0.397	36.92462	-95.202
74370	3537	1747	2.82E+08	16810357	108.743	6.491	36.74977	-94.6804
74401	17476	8050	3.13E+08	9898811	121.027	3.822	35.72308	-95.4677
74403	30709	13759	2.95E+08	19655973	113.792	7.589	35.67052	-95.3069
74421	4607	1979	3.43E+08	419767	132.309	0.162	35.76186	-96.0442
74422	824	421	1.69E+08	2012931	65.318	0.777	35.62706	-95.7058
74423	872	403	1.41E+08	12458849	54.546	4.81	35.67277	-95.1917
74425	1240	813	42376242	6413558	16.362	2.476	35.1709	-95.6415
74426	9891	6242	5.73E+08	77691571	221.366	29.997	35.4517	-95.5303
74427	1383	1307	1.03E+08	12405286	39.592	4.79	35.67709	-94.8869
74428	882	447	1.57E+08	3099357	60.719	1.197	35.56937	-95.6378
74429	14445	5697	2.24E+08	4687018	86.492	1.81	35.95552	-95.6276
74430	588	306	16610489	2235450	6.413	0.863	35.12684	-95.6608
74431	918	383	9483743	52353	3.662	0.02	35.47087	-95.9417

74432	9730	6925	5.57E+08	99647639	215.09	38.474	35.28442	-95.6593
74434	9067	3657	2.34E+08	12043712	90.263	4.65	35.80955	-95.2109
74435	3185	1749	1.68E+08	22125423	64.991	8.543	35.57662	-95.0938
74436	5078	2171	3.56E+08	9529846	137.441	3.679	35.79741	-95.697
74437	10448	4850	5.4E+08	28090238	208.64	10.846	35.44788	-95.9358
74438	163	87	20280304	36561	7.83	0.014	35.54441	-95.7586
74441	5362	2392	3.6E+08	22391235	138.954	8.645	35.97685	-95.145
74442	920	455	1.55E+08	10122726	59.991	3.908	35.13365	-95.8191
74445	3226	1268	2.12E+08	573896	81.956	0.222	35.63147	-95.8286
74446	558	240	2634034	357665	1.017	0.138	35.84901	-95.3157
74447	17275	7977	5.95E+08	7378492	229.857	2.849	35.64022	-96.0018
74450	1948	781	1.86E+08	178857	71.681	0.069	35.6001	-95.4779
74451	4283	2557	1.91E+08	23096623	73.808	8.918	35.73566	-94.964
74452	473	207	67415909	0	26.029	0	36.12017	-95.0681
74454	3179	1365	2.82E+08	7577125	108.972	2.926	35.85432	-95.5159
74455	3158	2216	2.96E+08	9250454	114.418	3.572	35.36126	-95.2631
74456	247	111	3178397	0	1.227	0	35.71124	-95.997
74457	608	281	1.83E+08	1130245	70.775	0.436	36.00589	-94.8412
74458	147	68	3526501	0	1.362	0	35.88358	-95.5917
74459	86	52	4091050	0	1.58	0	35.53435	-95.4922
74460	283	126	2316973	0	0.895	0	35.50786	-95.9565
74462	7875	4736	6.42E+08	34501620	248.006	13.321	35.29092	-95.1642
74463	2033	146	5726204	17896	2.211	0.007	35.75987	-95.5504
74464	30111	12693	7.34E+08	3868616	283.555	1.494	35.92797	-94.9825
74467	14995	6978	4.02E+08	33262985	155.035	12.843	35.96634	-95.3927
74468	263	120	7798179	0	3.011	0	35.61217	-95.5681
74469	2531	1011	1.13E+08	334424	43.607	0.129	35.49511	-95.3083
74470	1693	814	2.13E+08	7623893	82.209	2.944	35.47672	-95.1669
74471	1800	750	1.25E+08	3628462	48.291	1.401	35.8342	-94.8719
74472	554	241	34804328	556327	13.438	0.215	35.24989	-95.2684
74477	5	71	94901	0	0.037	0	36.00388	-95.2666
74501	29073	12593	1.43E+09	94500419	553.204	36.487	34.98577	-95.7908
74521	217	120	24761749	262371	9.561	0.101	34.65451	-95.0882
74522	344	141	2118515	0	0.818	0	34.9036	-95.693
74523	6048	2884	5.67E+08	6355785	218.761	2.454	34.22846	-95.6119
74525	10112	4323	1.08E+09	27679554	417.456	10.687	34.3361	-96.0682
74528	174	105	87310749	710526	33.711	0.274	34.72012	-95.724
74530	214	102	49847496	560731	19.246	0.216	34.43613	-96.4946
74531	1062	535	3.33E+08	2830475	128.599	1.093	34.88542	-96.2519
74533	849	390	1.07E+08	568463	41.369	0.219	34.20801	-96.197
74534	250	130	74934610	529803	28.932	0.205	34.61523	-96.3677
74535	126	56	16303195	11317	6.295	0.004	34.48454	-96.4459
74536	1760	939	7.42E+08	52512920	286.46	20.275	34.56384	-95.4598
74538	4200	2001	9.32E+08	9096558	359.935	3.512	34.58214	-96.259
74540	172	103	1.03E+08	402392	39.819	0.155	34.57145	-95.7087
74543	370	216	3.49E+08	1394203	134.732	0.538	34.37055	-95.4376
74546	824	405	4110824	134722	1.587	0.052	34.85832	-95.5791

74547	3463	1597	2.7E+08	5081473	104.187	1.962	34.81029	-95.6135
74549	76	75	99678568	506023	38.486	0.195	34.56247	-94.8941
74552	1058	507	2.56E+08	1934683	98.83	0.747	35.12081	-95.2425
74553	1384	674	1.88E+08	1539536	72.735	0.594	34.71341	-95.9253
74554	1744	828	12307584	58419	4.752	0.023	34.92126	-95.7107
74555	861	405	1.7E+08	896288	65.617	0.346	34.24916	-95.9645
74556	422	179	40624452	790629	15.685	0.305	34.46426	-96.1796
74557	464	494	3.35E+08	1922546	129.22	0.742	34.39103	-95.7003
74558	455	239	2.19E+08	1913980	84.529	0.739	34.50478	-95.1659
74560	635	340	5.61E+08	2387161	216.588	0.922	34.64875	-95.7601
74561	2175	964	3.48E+08	496114	134.507	0.192	35.12995	-95.4151
74562	937	479	4.18E+08	2377499	161.489	0.918	34.296	-95.2855
74563	2042	989	4.89E+08	2550322	188.808	0.985	34.96993	-95.0726
74565	707	358	30300093	43229	11.699	0.017	34.8073	-95.8419
74567	242	120	1.43E+08	592383	55.024	0.229	34.4263	-95.3928
74569	633	350	5.19E+08	2082622	200.238	0.804	34.47735	-95.9243
74570	1089	543	3.98E+08	1736674	153.525	0.671	34.8628	-96.101
74571	3765	1737	8.61E+08	3954473	332.307	1.527	34.71727	-94.9787
74572	712	340	1.11E+08	894696	42.914	0.345	34.64441	-96.4285
74574	1080	577	3.78E+08	7336354	145.839	2.833	34.68905	-95.2904
74576	210	108	1.22E+08	756393	47.268	0.292	34.65561	-96.0393
74577	271	117	19633564	197556	7.581	0.076	34.67484	-94.808
74578	6822	2977	8.6E+08	6301317	332.035	2.433	34.90615	-95.3417
74601	20257	9364	4.46E+08	4397237	172.17	1.698	36.70216	-97.1489
74604	12301	5654	3.48E+08	14944624	134.463	5.77	36.70193	-96.9824
74630	702	312	2.76E+08	381029	106.522	0.147	36.51211	-97.4335
74631	7709	3706	2.46E+08	135561	95.104	0.052	36.79302	-97.3051
74632	578	385	2.85E+08	1095119	109.916	0.423	36.93886	-97.3382
74633	471	225	2.44E+08	17537358	94.184	6.771	36.7102	-96.7766
74636	268	138	1.36E+08	0	52.337	0	36.81779	-97.5223
74637	1899	1076	4.85E+08	4965432	187.429	1.917	36.56644	-96.6648
74640	312	149	1.56E+08	524296	60.342	0.202	36.55164	-97.6514
74641	715	462	44872403	26225333	17.325	10.126	36.79505	-96.8866
74643	615	312	2.83E+08	1567871	109.146	0.605	36.65636	-97.5728
74644	478	216	2E+08	4025551	77.093	1.554	36.55192	-97.0983
74646	233	121	1.49E+08	52394	57.502	0.02	36.83244	-97.4416
74647	3765	1659	7.92E+08	12752538	305.664	4.924	36.9181	-96.9946
74650	693	357	3.67E+08	13125703	141.552	5.068	36.4875	-96.7505
74651	743	283	3.85E+08	12952558	148.663	5.001	36.46842	-97.1733
74652	897	544	6.22E+08	10112976	240.036	3.905	36.85916	-96.644
74653	3892	1635	3.06E+08	3004789	117.974	1.16	36.64934	-97.3503
74701	22365	9928	4.56E+08	9314225	176.247	3.596	34.00682	-96.3789
74720	608	267	33541619	244320	12.95	0.094	33.83147	-96.3717
74722	286	132	40127257	215582	15.493	0.083	34.37958	-94.8983
74723	1729	857	5.19E+08	7740556	200.204	2.989	33.99293	-96.0172
74724	377	176	82916075	130778	32.014	0.05	34.34628	-94.8613
74726	2398	1158	3.92E+08	3469292	151.494	1.34	33.94133	-96.1744

74727	2038	1013	5.14E+08	5919088	198.368	2.285	34.01874	-95.8588
74728	11343	5344	1.03E+09	32648780	396.319	12.606	34.15031	-94.8028
74729	2741	1248	4.02E+08	2617396	155.029	1.011	34.14648	-96.254
74730	4259	1775	1.64E+08	3193201	63.426	1.233	33.91202	-96.431
74731	1747	950	33677532	450742	13.003	0.174	33.87377	-96.5604
74733	2853	1297	1.23E+08	5261298	47.656	2.031	33.83677	-96.479
74734	1087	567	4.11E+08	12040433	158.512	4.649	34.10225	-94.5425
74735	1549	805	4.12E+08	4082235	158.999	1.576	34.09697	-95.2475
74736	1178	500	1.7E+08	6462467	65.8	2.495	33.93225	-94.9917
74738	560	280	82959365	6358817	32.031	2.455	33.89566	-95.4433
74740	2288	1100	6.67E+08	18001877	257.592	6.951	33.78443	-94.6048
74741	972	480	2.07E+08	10889956	79.814	4.205	33.78088	-96.3041
74743	8537	4163	5.68E+08	37604821	219.33	14.519	34.00843	-95.4945
74745	9912	4526	4.4E+08	10841799	169.886	4.186	33.8591	-94.8164
74747	153	81	1107285	9355	0.428	0.004	33.77658	-96.3573
74748	642	325	1.01E+08	858363	38.873	0.331	34.15103	-96.3989
74750	364	188	13344822	62847	5.152	0.024	33.96784	-95.0186
74753	52	24	182262	0	0.07	0	33.90793	-96.5366
74754	385	239	1.37E+08	7127286	53.002	2.752	34.19789	-95.1346
74755	83	59	18861226	2204310	7.282	0.851	34.13468	-95.1148
74756	870	446	1.24E+08	21629004	47.896	8.351	34.08451	-95.374
74759	1358	665	3.58E+08	3146677	138.217	1.215	34.0566	-95.7121
74760	295	123	51114823	1605159	19.736	0.62	34.16152	-95.363
74761	70	48	3859302	24654	1.49	0.01	34.00509	-95.2009
74764	3473	1612	3.42E+08	11760405	132.121	4.541	34.04791	-95.0958
74766	1595	685	2.79E+08	3003465	107.662	1.16	34.14388	-94.9802
74801	21657	9861	1.97E+08	4337030	76.087	1.675	35.31513	-96.9697
74804	19631	7958	2.42E+08	491529	93.533	0.19	35.39147	-96.9215
74820	30802	13597	7.96E+08	6629110	307.367	2.56	34.78867	-96.7152
74824	1253	544	95550317	677074	36.892	0.261	35.88867	-96.8712
74825	2170	984	3.63E+08	1837493	140.316	0.709	34.81795	-96.41
74826	1252	605	2.08E+08	1787776	80.456	0.69	35.02191	-96.8932
74827	387	210	96135409	982676	37.118	0.379	34.94603	-96.3419
74829	1521	296	1.23E+08	1417125	47.396	0.547	35.51701	-96.4723
74830	229	105	4213089	0	1.627	0	35.14388	-96.665
74831	923	423	2.04E+08	4615457	78.841	1.782	34.90812	-97.0599
74832	936	418	72448642	377928	27.973	0.146	35.82877	-97.0068
74833	703	333	1.29E+08	1293102	49.878	0.499	35.57209	-96.412
74834	7590	3295	4.96E+08	9371649	191.379	3.618	35.70135	-96.8846
74836	171	89	90068337	165609	34.776	0.064	34.46652	-96.7051
74837	310	135	6746345	37974	2.605	0.015	35.36269	-96.4492
74839	770	364	1.96E+08	2362613	75.669	0.912	35.24138	-96.0324
74840	1924	792	1.54E+08	211091	59.578	0.082	35.25292	-96.7988
74842	135	60	18487702	43247	7.138	0.017	34.62492	-96.6126
74843	340	144	75273663	22461	29.063	0.009	34.65703	-96.7286
74844	371	165	6664951	2477	2.573	0.001	34.86552	-96.5724
74845	494	255	2.63E+08	5236534	101.421	2.022	35.25234	-95.8889

74848	8326	3358	6.57E+08	11797478	253.615	4.555	35.07889	-96.3616
74849	3132	1405	3.18E+08	9778539	122.8	3.776	34.97839	-96.7355
74850	283	153	1.49E+08	1651541	57.673	0.638	35.10968	-96.1071
74851	9805	3521	2.21E+08	2949277	85.245	1.139	35.42624	-97.0819
74852	1347	593	1.88E+08	273562	72.674	0.106	35.12394	-97.0089
74854	1897	870	1.99E+08	1658926	76.756	0.641	35.10854	-96.7491
74855	4639	1999	2.77E+08	4798299	107.142	1.853	35.51905	-96.8986
74856	782	341	3.23E+08	1751184	124.785	0.676	34.42175	-96.8075
74857	9288	3653	1.56E+08	1123832	60.3	0.434	35.3368	-97.1968
74859	6221	2910	7.77E+08	13786435	299.922	5.323	35.45648	-96.3216
74860	1653	757	2.5E+08	2687990	96.679	1.038	35.5319	-96.5698
74864	5274	2335	2.92E+08	3320985	112.907	1.282	35.49586	-96.7103
74865	1711	747	4.22E+08	916638	162.809	0.354	34.60214	-96.8036
74867	1045	487	2.18E+08	3004570	84.073	1.16	34.9703	-96.5635
74868	13152	5868	5.51E+08	2162510	212.753	0.835	35.27853	-96.6446
74869	710	334	1.37E+08	4598921	53.088	1.776	35.60117	-96.7602
74871	2415	1124	4.4E+08	3316725	169.929	1.281	34.60511	-96.5441
74872	3692	1643	3.74E+08	7534380	144.541	2.909	34.7717	-96.988
74873	11821	4827	3.84E+08	932969	148.218	0.36	35.22099	-96.9695
74875	1165	513	1.26E+08	351751	48.677	0.136	35.87707	-96.9696
74878	1565	745	3.06E+08	2784637	118.263	1.075	35.00477	-97.0698
74880	2239	1026	2.85E+08	4045488	110.169	1.562	35.37744	-96.1198
74881	4509	2024	4E+08	2402996	154.394	0.928	35.71436	-97.0796
74883	2526	1248	4.57E+08	8998062	176.58	3.474	35.21968	-96.2256
74884	6024	2948	3.46E+08	4798403	133.437	1.853	35.19055	-96.5154
74901	1992	904	30518762	934456	11.783	0.361	35.36707	-94.4418
74902	4095	1739	78662568	749700	30.372	0.289	35.24893	-94.4841
74930	2155	923	1.89E+08	740472	73.075	0.286	35.18348	-94.7763
74931	1411	574	2.12E+08	713199	81.774	0.275	35.69961	-94.7411
74932	2286	971	2.03E+08	1916100	78.483	0.74	35.15159	-94.538
74935	174	99	29618731	47270	11.436	0.018	34.94969	-94.8969
74936	1153	477	63473107	3442888	24.507	1.329	35.37687	-94.7245
74937	5959	2322	5.36E+08	4831433	207.028	1.865	34.81674	-94.5871
74939	1455	448	3.87E+08	2234518	149.341	0.863	34.72981	-94.6325
74940	2697	1066	1.59E+08	6352254	61.506	2.453	34.95364	-94.6224
74941	2713	1182	2.91E+08	69193671	112.51	26.716	35.28775	-94.8839
74942	193	88	4234318	61484	1.635	0.024	34.90035	-94.9789
74943	112	56	34728118	17822	13.409	0.007	35.07212	-95.0799
74944	1272	583	3.06E+08	2170055	118.083	0.838	35.13937	-94.9899
74945	497	207	63451105	513028	24.499	0.198	35.59953	-94.8094
74946	137	73	8420918	1683565	3.251	0.65	35.39245	-94.4547
74948	12788	5213	5.65E+08	11142560	218.114	4.302	35.46797	-94.5689
74949	308	165	73436293	799220	28.354	0.309	34.66081	-94.7538
74951	1504	699	16251498	617648	6.275	0.238	35.17065	-94.6567
74953	11632	4813	3.56E+08	2157323	137.528	0.833	35.04344	-94.6104
74954	4590	1913	46960070	426406	18.131	0.165	35.42509	-94.5016
74955	15344	6616	5.14E+08	44622492	198.498	17.229	35.49642	-94.7481

74956	1905	780	1.07E+08	460825	41.257	0.178	35.10971	-94.7691
74957	1170	658	6.05E+08	2862776	233.656	1.105	34.52379	-94.6551
74959	6736	2982	2.51E+08	10503201	97.038	4.055	35.27091	-94.6233
74960	13643	5371	7.83E+08	4001334	302.16	1.545	35.81042	-94.6505
74962	5092	2688	3.71E+08	30494105	143.317	11.774	35.54402	-94.9408
74963	608	309	1.95E+08	2769039	75.477	1.069	34.40059	-94.5791
74964	2834	1188	1.96E+08	2267750	75.532	0.876	36.11195	-94.6588
74965	5170	2161	2.9E+08	2233705	112.076	0.862	35.99638	-94.6308
74966	3719	1664	5.95E+08	11353368	229.592	4.384	34.91764	-94.8651
75001	12414	8102	9931768	8702	3.835	0.003	32.96005	-96.8385
75002	63140	21373	96246535	5339800	37.161	2.062	33.08959	-96.6078
75006	46364	17747	43735887	657535	16.887	0.254	32.96247	-96.8982
75007	51624	19296	30163744	557048	11.646	0.215	33.00526	-96.8967
75009	8785	3074	2.47E+08	4075868	95.417	1.574	33.3389	-96.753
75010	21607	8830	20894417	259926	8.067	0.1	33.05016	-96.8745
75013	30347	10517	38794452	174467	14.979	0.067	33.11433	-96.694
75019	38666	14346	42662666	4658389	16.472	1.799	32.96342	-96.9847
75020	21872	10085	1.62E+08	12430958	62.565	4.8	33.77079	-96.6041
75021	8036	3489	1.56E+08	178157	60.257	0.069	33.72713	-96.4708
75022	22545	7149	49756501	5378599	19.211	2.077	33.03489	-97.1249
75023	45452	18498	24400691	29165	9.421	0.011	33.05676	-96.7308
75024	36039	16253	32729786	312216	12.637	0.121	33.07542	-96.8027
75025	50926	18697	24152966	119648	9.326	0.046	33.09009	-96.74
75028	42226	14476	39228785	184965	15.146	0.071	33.03271	-97.0601
75032	27986	9850	1.33E+08	21678772	51.311	8.37	32.85168	-96.4362
75034	72723	26706	1.3E+08	10264340	50.008	3.963	33.14634	-96.8563
75035	47553	16739	61234999	260865	23.643	0.101	33.16313	-96.7902
75038	27802	13907	34630078	105488	13.371	0.041	32.87483	-96.9967
75039	11032	7793	13588928	900324	5.247	0.348	32.88526	-96.9421
75040	59406	19195	40542776	17014	15.654	0.007	32.9289	-96.6198
75041	30700	10380	20723410	5950	8.001	0.002	32.8802	-96.6516
75042	37881	12321	19376562	2357	7.481	0.001	32.9117	-96.6748
75043	58094	22920	37626923	13513331	14.528	5.218	32.85762	-96.5763
75044	40811	16026	27816000	175911	10.74	0.068	32.96461	-96.6497
75048	20328	6972	27153807	331267	10.484	0.128	32.96901	-96.5809
75050	41041	16470	64060502	669541	24.734	0.259	32.77667	-97.0094
75051	39285	13862	31402968	6307998	12.125	2.436	32.72944	-96.9965
75052	88996	29926	67746521	4943028	26.157	1.909	32.66495	-97.0247
75054	5053	1690	14074282	2504698	5.434	0.967	32.59121	-97.0394
75056	47852	18126	65384741	16055425	25.245	6.199	33.07029	-96.9124
75057	12900	5249	26342071	5943844	10.171	2.295	33.05072	-96.9745
75058	2982	1021	1.49E+08	1461913	57.64	0.564	33.45077	-96.7422
75060	45980	15384	34345887	786828	13.261	0.304	32.79661	-96.9549
75061	53442	20001	29948116	82661	11.563	0.032	32.82591	-96.9669
75062	44537	17955	28466086	230565	10.991	0.089	32.84737	-96.9579
75063	35090	16678	39313581	343986	15.179	0.133	32.92044	-96.986
75065	10748	4127	20578069	19971883	7.945	7.711	33.11035	-97.0055

75067	60982	25790	34427071	261976	13.292	0.101	33.01355	-97.0002
75068	34934	11990	71094991	19703525	27.45	7.608	33.1765	-96.9506
75069	34108	13423	83015420	1735222	32.052	0.67	33.17999	-96.5869
75070	74734	27329	61975282	621953	23.929	0.24	33.17203	-96.6963
75071	36090	12872	2.04E+08	2265030	78.799	0.875	33.24588	-96.6313
75074	44622	16019	42773971	115046	16.515	0.044	33.03156	-96.6732
75075	33262	13764	25522472	16554	9.854	0.006	33.02127	-96.7416
75076	7378	4448	1.29E+08	23123466	49.749	8.928	33.80072	-96.726
75077	35330	13213	36139170	3552833	13.953	1.372	33.08137	-97.061
75078	10592	3849	84774626	704042	32.732	0.272	33.2419	-96.808
75080	44009	18849	29602654	45524	11.43	0.018	32.97606	-96.7421
75081	34156	13893	23899228	10820	9.228	0.004	32.94892	-96.7097
75082	21182	7921	20285639	183141	7.832	0.071	32.99156	-96.6631
75087	28145	10513	67809828	24569568	26.182	9.486	32.9439	-96.4529
75088	24712	8744	22856071	8204801	8.825	3.168	32.89785	-96.5504
75089	30251	9821	28703349	1250821	11.082	0.483	32.93808	-96.5564
75090	23724	9123	2E+08	131193	77.053	0.051	33.60413	-96.5504
75092	22839	10580	2.94E+08	1072154	113.332	0.414	33.65688	-96.7038
75093	47187	19851	36574285	327047	14.121	0.126	33.03423	-96.8116
75094	20579	5956	18059413	37434	6.973	0.014	33.02179	-96.6155
75098	48197	16288	85323200	20369546	32.943	7.865	33.01214	-96.5349
75101	646	206	2130982	0	0.823	0	32.27003	-96.7025
75102	1322	555	1.57E+08	1547630	60.7	0.598	32.05794	-96.6325
75103	12851	5572	5.17E+08	8411399	199.451	3.248	32.51815	-95.8889
75104	45373	16480	1.01E+08	657215	39.088	0.254	32.58018	-96.9647
75105	301	146	1.33E+08	1938592	51.362	0.748	32.26301	-96.3877
75109	3658	1669	3.01E+08	70922553	116.29	27.383	32.04319	-96.3509
75110	28132	11265	3.88E+08	3480691	149.947	1.344	32.08492	-96.5282
75114	4660	1685	1.12E+08	1126841	43.249	0.435	32.61058	-96.4443
75115	48877	19326	56814302	95690	21.936	0.037	32.59943	-96.8641
75116	19669	6932	13271661	15027	5.124	0.006	32.66066	-96.9119
75117	3722	1634	1.21E+08	862381	46.898	0.333	32.71501	-95.8545
75119	26601	9758	6.86E+08	24046000	264.753	9.284	32.32587	-96.5882
75124	4446	2097	2.41E+08	5178753	93.082	2	32.32603	-95.9741
75125	6691	2260	1.8E+08	2062130	69.67	0.796	32.5367	-96.6217
75126	33396	11080	2E+08	2406628	77.344	0.929	32.74318	-96.4549
75127	1593	653	68840646	1135685	26.58	0.438	32.6903	-95.7899
75132	294	153	3839208	1391	1.482	0.001	32.9455	-96.3753
75134	20276	7380	26469299	32942	10.22	0.013	32.61766	-96.7781
75135	5910	2175	1.61E+08	230740	62.166	0.089	33.06628	-96.2221
75137	18861	7082	15781643	15921	6.093	0.006	32.64321	-96.9165
75140	6958	2916	2.91E+08	5954468	112.259	2.299	32.64657	-95.6875
75141	5374	1164	29537659	1989237	11.405	0.768	32.63852	-96.6955
75142	18982	7019	4.49E+08	5723784	173.426	2.21	32.5688	-96.2551
75143	14619	7381	4.61E+08	63804556	177.84	24.635	32.36669	-96.245
75144	3291	1598	4.45E+08	43643895	171.771	16.851	32.10941	-96.2076
75146	17993	6929	85957909	537293	33.189	0.207	32.56274	-96.7522

75147	6602	2765	2.43E+08	6565653	93.752	2.535	32.43668	-96.0796
75148	5842	3250	2.27E+08	15818271	87.509	6.107	32.12747	-96.0142
75149	56065	20056	41135821	170053	15.883	0.066	32.77171	-96.6167
75150	58730	23905	33006607	31191	12.744	0.012	32.81731	-96.6303
75152	4606	1638	1.06E+08	869619	40.742	0.336	32.43987	-96.678
75153	605	235	60901171	3262864	23.514	1.26	32.15827	-96.3296
75154	36041	12766	1.22E+08	69589	47.012	0.027	32.52177	-96.8073
75155	2579	975	98553488	1606313	38.052	0.62	32.22911	-96.4755
75156	14580	8847	80995804	42082521	31.273	16.248	32.27776	-96.1053
75157	310	139	4352078	78210	1.68	0.03	32.46476	-96.4395
75158	4139	1602	2.28E+08	2879700	87.929	1.112	32.46283	-96.4021
75159	18339	5838	1.55E+08	13325453	59.807	5.145	32.6058	-96.5423
75160	23627	9109	3.11E+08	2090041	119.979	0.807	32.75841	-96.3013
75161	6165	2555	2.95E+08	6841108	113.949	2.641	32.73847	-96.1692
75163	2285	1548	87493184	15660755	33.781	6.047	32.16658	-96.1188
75164	671	260	5905053	457020	2.28	0.176	33.06622	-96.309
75165	37966	14560	2.92E+08	4388018	112.682	1.694	32.3722	-96.7849
75166	3070	1089	34224383	8540578	13.214	3.298	33.01265	-96.4541
75167	8436	2808	2.53E+08	1482690	97.58	0.572	32.36083	-96.9155
75169	14644	6540	5.55E+08	36281240	214.1	14.008	32.70327	-95.9947
75172	3956	1398	30195425	383625	11.659	0.148	32.60519	-96.6743
75173	4353	1627	78887263	12670990	30.459	4.892	33.06179	-96.3933
75180	23031	7772	19836095	44608	7.659	0.017	32.7166	-96.6201
75181	25908	8180	45570309	190796	17.595	0.074	32.72566	-96.559
75182	5118	1705	45600198	5977070	17.606	2.308	32.80051	-96.5476
75189	22406	7702	2.87E+08	2617946	110.992	1.011	32.94205	-96.3117
75201	9409	6926	3741301	0	1.445	0	32.78774	-96.7994
75202	1666	1468	1830231	0	0.707	0	32.77927	-96.8048
75203	15721	6456	12250768	63845	4.73	0.025	32.74682	-96.8027
75204	26279	16495	6622718	0	2.557	0	32.80213	-96.7889
75205	23061	9985	11265090	6592	4.349	0.003	32.83589	-96.7955
75206	36248	22937	11023986	42978	4.256	0.017	32.83128	-96.7712
75207	9648	770	9973729	106435	3.851	0.041	32.7868	-96.82
75208	30171	10853	15383328	13590	5.94	0.005	32.75314	-96.8396
75209	13653	7076	9155181	22594	3.535	0.009	32.84831	-96.8255
75210	7482	3344	5844199	394735	2.256	0.152	32.77064	-96.7464
75211	73146	21528	45642456	2526137	17.623	0.975	32.73699	-96.9078
75212	24884	7530	26650784	254485	10.29	0.098	32.78125	-96.8788
75214	32950	17269	18742812	641800	7.237	0.248	32.82865	-96.746
75215	14648	7539	21793234	510346	8.414	0.197	32.7506	-96.7568
75216	49416	19261	37875089	440119	14.624	0.17	32.71132	-96.7812
75217	80324	23805	70767649	2504779	27.324	0.967	32.71031	-96.6785
75218	21665	10842	18100090	45658	6.988	0.018	32.84199	-96.7026
75219	22124	15075	5668971	0	2.189	0	32.81185	-96.8129
75220	41891	15382	29314538	986470	11.318	0.381	32.86853	-96.8761
75223	13947	4728	8941224	0	3.452	0	32.79224	-96.744
75224	34034	11084	15131592	28762	5.842	0.011	32.71141	-96.8386

75225	20892	9500	12217853	33352	4.717	0.013	32.86489	-96.7904
75226	3506	2013	2901206	0	1.12	0	32.78283	-96.7764
75227	55029	17838	29517405	34557	11.397	0.013	32.76712	-96.6893
75228	66551	26701	29529376	43526	11.401	0.017	32.82492	-96.6794
75229	31571	11688	32456782	76000	12.532	0.029	32.8933	-96.8643
75230	26934	13735	18765844	104733	7.246	0.04	32.90268	-96.7934
75231	37052	17796	14598387	69158	5.636	0.027	32.87349	-96.7475
75232	28682	10570	21411352	9339	8.267	0.004	32.66086	-96.8409
75233	14043	4966	8965836	7493	3.462	0.003	32.70391	-96.8719
75234	28794	11033	26772766	715354	10.337	0.276	32.92319	-96.8917
75235	17177	7089	17404396	515313	6.72	0.199	32.83261	-96.8491
75236	15949	6179	32341363	1126062	12.487	0.435	32.67624	-96.9366
75237	17101	8204	17223678	0	6.65	0	32.66562	-96.8731
75238	30483	13098	17033725	0	6.577	0	32.8785	-96.7078
75240	24296	10793	9759368	21713	3.768	0.008	32.93034	-96.7875
75241	27066	10137	69557122	420773	26.856	0.162	32.66545	-96.7595
75243	55406	28843	22540592	27362	8.703	0.011	32.91263	-96.7366
75244	13266	6103	11941841	6490	4.611	0.003	32.92528	-96.8368
75246	2770	1415	1169833	2154	0.452	0.001	32.7925	-96.7728
75247	468	255	16933910	94796	6.538	0.037	32.81358	-96.878
75248	33395	16409	19187212	80984	7.408	0.031	32.9697	-96.7973
75249	13373	4420	11905773	43506	4.597	0.017	32.63608	-96.9646
75251	2331	1816	1140995	11257	0.441	0.004	32.91979	-96.7709
75252	24112	13082	13069572	27521	5.046	0.011	32.99737	-96.7882
75253	18450	5959	35001924	2258347	13.514	0.872	32.67401	-96.61
75254	23253	12460	8596236	686	3.319	0	32.94462	-96.8018
75270	0	0	14850	0	0.006	0	32.7812	-96.8022
75287	49004	28942	14498752	46940	5.598	0.018	32.99931	-96.8417
75390	0	0	13392	0	0.005	0	32.81416	-96.8407
75401	18552	7506	2.69E+08	2579635	103.965	0.996	33.18901	-96.1089
75402	15920	7123	2.34E+08	3198273	90.301	1.235	33.06845	-96.0843
75407	14120	5282	1.28E+08	40985156	49.531	15.824	33.15175	-96.4832
75409	11831	4207	2.08E+08	2622301	80.22	1.012	33.35546	-96.5156
75410	4334	2083	2.13E+08	30646838	82.251	11.833	32.7902	-95.632
75411	1118	575	2.03E+08	15456191	78.498	5.968	33.85787	-95.6491
75412	778	442	3.93E+08	3811989	151.916	1.472	33.80187	-95.152
75413	305	131	3637331	0	1.404	0	33.44144	-96.1792
75414	3136	1312	1.26E+08	866543	48.702	0.335	33.62365	-96.4279
75415	144	80	27221610	267210	10.51	0.103	33.46222	-95.7575
75416	2893	1209	1.92E+08	1938913	74.013	0.749	33.68387	-95.3447
75417	2456	1273	4.18E+08	16200230	161.367	6.255	33.43966	-95.1404
75418	14411	5423	3.62E+08	5203221	139.769	2.009	33.57211	-96.1752
75420	1076	504	94792931	1235320	36.6	0.477	33.0528	-95.7212
75421	1003	420	1.42E+08	968062	54.66	0.374	33.66195	-95.7314
75422	2883	1184	1.89E+08	1089749	73.044	0.421	33.1414	-95.9342
75423	2982	1204	2.1E+08	941597	81.164	0.364	33.28439	-96.2004
75424	3297	1353	1.73E+08	1229651	66.844	0.475	33.32173	-96.3785

75426	5301	2846	8.47E+08	12341015	326.912	4.765	33.66306	-94.9973
75428	10089	4502	2.23E+08	3989480	85.994	1.54	33.27187	-95.9174
75431	2052	862	1.52E+08	1255528	58.859	0.485	33.01419	-95.4609
75432	3323	1517	2.74E+08	19465510	105.859	7.516	33.39503	-95.6778
75433	2773	1238	2.7E+08	2929158	104.09	1.131	33.0981	-95.8032
75435	1185	591	1.74E+08	315874	67.128	0.122	33.48265	-95.3201
75436	1876	917	4.28E+08	2657424	165.328	1.026	33.71377	-95.24
75437	1078	494	1.56E+08	3221077	60.233	1.244	33.26123	-95.4724
75438	972	440	1.19E+08	357966	45.785	0.138	33.61554	-96.0722
75439	868	395	36043840	127655	13.917	0.049	33.55352	-96.2829
75440	6350	3155	2.98E+08	28404811	114.965	10.967	32.88073	-95.7491
75441	142	65	18240189	74690	7.043	0.029	33.42766	-95.6429
75442	8858	3459	2.73E+08	20066218	105.449	7.748	33.17422	-96.356
75446	3180	1530	4.57E+08	3344473	176.294	1.291	33.61517	-95.9001
75447	1080	492	1.39E+08	2712293	53.534	1.047	33.77675	-96.1094
75448	655	300	73418127	15990923	28.347	6.174	33.31627	-95.789
75449	1186	648	2.11E+08	649493	81.372	0.251	33.42087	-95.9457
75450	331	175	1.54E+08	4308717	59.555	1.664	33.40225	-95.4832
75451	1211	630	90208791	4843985	34.83	1.87	32.96577	-95.1271
75452	4090	1710	1.97E+08	1771843	76.124	0.684	33.40223	-96.2386
75453	3255	1481	1.94E+08	18242791	74.839	7.044	32.98926	-95.9129
75454	5699	2012	49669107	440289	19.177	0.17	33.28512	-96.5662
75455	28293	10305	7.65E+08	30009413	295.237	11.587	33.21622	-94.9791
75457	6522	3176	3.49E+08	11177918	134.661	4.316	33.1686	-95.2152
75459	4326	1726	2.05E+08	985944	79.294	0.381	33.53262	-96.6715
75460	23592	11186	2.35E+08	13715805	90.577	5.296	33.65516	-95.6052
75462	11350	4725	5.18E+08	7622879	199.92	2.943	33.62455	-95.4901
75468	888	393	1.31E+08	1559823	50.576	0.602	33.50215	-95.4029
75469	371	207	79760032	596665	30.796	0.23	33.42141	-95.8106
75470	288	123	49771350	283407	19.217	0.109	33.57682	-95.8097
75471	1424	578	1.25E+08	955521	48.191	0.369	33.05681	-95.3735
75472	3548	1707	1.65E+08	46949425	63.654	18.127	32.88442	-95.8696
75473	3855	1671	2.16E+08	14631190	83.262	5.649	33.81558	-95.488
75474	14882	6721	2.78E+08	61964728	107.29	23.925	32.92471	-96.1134
75475	129	72	5331282	0	2.058	0	33.47489	-96.2382
75476	1304	578	1.34E+08	620500	51.727	0.24	33.70831	-96.2407
75477	977	486	1.57E+08	1958326	60.623	0.756	33.52991	-95.7381
75478	932	409	1.38E+08	2513223	53.312	0.97	33.17653	-95.3586
75479	1849	779	1.32E+08	3823922	50.787	1.476	33.61736	-96.345
75480	1646	1285	83866541	10602729	32.381	4.094	33.02444	-95.1971
75481	395	193	1.8E+08	3548930	69.427	1.37	33.31869	-95.3684
75482	24385	10317	8.09E+08	49563472	312.319	19.137	33.16798	-95.6082
75486	2346	967	2.71E+08	7101864	104.446	2.742	33.74524	-95.7443
75487	1541	732	2.63E+08	3516655	101.701	1.358	33.33485	-95.1615
75488	1161	553	3.03E+08	4072016	117.011	1.572	33.77872	-95.9968
75489	993	400	3138151	0	1.212	0	33.51925	-96.4843
75490	2211	913	75982780	199445	29.337	0.077	33.43913	-96.3115

75491	4801	2073	2.48E+08	718376	95.736	0.277	33.49458	-96.3961
75492	516	275	1.11E+08	130363	42.791	0.05	33.58437	-95.9935
75493	611	192	13979405	1701130	5.397	0.657	33.14639	-95.1081
75494	10862	5256	5.88E+08	11823763	227.178	4.565	32.91719	-95.2599
75495	7095	2789	1.74E+08	759602	67.318	0.293	33.43566	-96.5499
75496	3351	1510	3.2E+08	629878	123.649	0.243	33.34962	-96.0579
75497	3350	1882	1.67E+08	47676499	64.662	18.408	32.92509	-95.5682
75501	36298	14933	2.47E+08	19014794	95.201	7.342	33.37187	-94.1398
75503	24379	10491	2.05E+08	6295028	78.991	2.431	33.51178	-94.1339
75550	808	481	2.13E+08	14109606	82.395	5.448	33.49822	-94.8908
75551	11007	5016	4.27E+08	17978376	165.047	6.941	33.11933	-94.2205
75554	1806	941	4.25E+08	3928785	163.945	1.517	33.55352	-94.7803
75555	1611	769	2.9E+08	498657	111.87	0.193	32.9392	-94.1423
75556	1133	488	62218663	112493	24.023	0.043	33.15765	-94.0624
75558	1636	671	1.3E+08	1828383	50.26	0.706	33.24196	-94.8578
75559	5568	2658	6.8E+08	10715580	262.483	4.137	33.50369	-94.6274
75560	1088	540	2.06E+08	21550085	79.508	8.321	33.18503	-94.3639
75561	5395	2412	1.29E+08	3843777	49.726	1.484	33.5162	-94.2823
75562	176	103	42887320	0	16.559	0	32.9254	-94.2484
75563	4282	2136	4.19E+08	2047174	161.606	0.79	33.0027	-94.3835
75565	361	145	18089311	252986	6.984	0.098	32.93	-94.0766
75566	782	418	1.24E+08	0	47.898	0	33.14818	-94.4917
75567	4225	1758	1.76E+08	44059077	67.794	17.011	33.311	-94.3117
75568	2876	1454	3.47E+08	3061443	134.103	1.182	33.19406	-94.589
75569	2874	1245	7779199	29876	3.004	0.012	33.44182	-94.1286
75570	11518	3963	3.5E+08	3433178	135.229	1.326	33.45924	-94.4387
75571	2846	1319	2.68E+08	3504913	103.623	1.353	33.20702	-94.7736
75572	3491	1739	1.87E+08	12874751	72.101	4.971	33.22589	-94.1277
75573	181	82	25774098	5676134	9.951	2.192	33.34071	-94.2444
75574	1868	826	2.75E+08	2884058	106.244	1.114	33.325	-94.5507
75601	15849	6473	24198185	6988	9.343	0.003	32.50908	-94.7244
75602	23286	8383	1.27E+08	4611780	48.992	1.781	32.44954	-94.6661
75603	5456	2580	1.2E+08	7609027	46.216	2.938	32.40305	-94.7112
75604	29934	11973	1.22E+08	986709	47	0.381	32.50916	-94.8244
75605	27823	12405	2.05E+08	529787	79.187	0.205	32.58229	-94.7253
75630	2588	1590	2.34E+08	27231267	90.532	10.514	32.86757	-94.5495
75631	2787	1244	3.03E+08	3302515	116.972	1.275	32.24966	-94.4531
75633	13977	6296	8.26E+08	22008149	318.793	8.497	32.13016	-94.2546
75638	6036	2762	2.29E+08	7183460	88.565	2.774	33.02048	-94.7297
75639	3460	1560	4.42E+08	1543474	170.535	0.596	32.29382	-94.1697
75640	4652	1915	2.19E+08	4943051	84.636	1.909	32.70842	-94.6832
75641	223	105	8615481	0	3.326	0	32.37841	-94.5758
75642	229	100	5817292	0	2.246	0	32.37154	-94.1766
75643	2074	1055	1.76E+08	6373831	68.126	2.461	32.01937	-94.3619
75644	11444	5020	4.85E+08	4432021	187.444	1.711	32.79109	-94.9998
75645	9778	4092	3.76E+08	4744943	145.05	1.832	32.68869	-94.8718
75647	13196	5498	1.97E+08	2916283	75.96	1.126	32.51464	-94.9533

75650	8611	3335	3.22E+08	6956716	124.178	2.686	32.51328	-94.5488
75651	2189	924	1.52E+08	566341	58.685	0.219	32.66441	-94.5382
75652	16638	5584	4.55E+08	11199664	175.71	4.324	32.23941	-94.7283
75654	12417	5217	5.26E+08	2759276	203.123	1.065	32.07777	-94.8301
75656	4804	2066	2.77E+08	1220043	107.132	0.471	33.0113	-94.5722
75657	8246	4705	8.68E+08	58199217	335.22	22.471	32.79497	-94.3103
75661	2807	1835	3.3E+08	24363168	127.362	9.407	32.63132	-94.1713
75662	24536	9717	3.3E+08	543635	127.575	0.21	32.38446	-94.8702
75667	1021	532	2.19E+08	698689	84.475	0.27	31.98818	-94.8443
75668	1993	991	59017363	10300194	22.787	3.977	32.90708	-94.6786
75669	606	371	1.63E+08	3882181	63.063	1.499	32.0388	-94.5759
75670	17290	6923	3.18E+08	1162361	122.969	0.449	32.56986	-94.4187
75672	17097	7557	6.15E+08	1873527	237.323	0.723	32.4683	-94.2991
75681	2562	1277	3.33E+08	491786	128.409	0.19	31.92545	-94.704
75682	473	197	7965607	0	3.076	0	32.25034	-94.9365
75683	3914	1792	1.46E+08	17695532	56.355	6.832	32.82682	-94.7372
75684	7548	2928	2.62E+08	850090	101.007	0.328	32.27702	-94.9372
75686	12985	5900	6.01E+08	32471471	231.904	12.537	32.96641	-94.9529
75691	4219	1755	2.41E+08	18654891	92.999	7.203	32.31192	-94.552
75692	5098	2138	2.32E+08	895814	89.769	0.346	32.47084	-94.118
75693	6869	2533	28434214	124207	10.979	0.048	32.53378	-94.8607
75701	34373	14582	40707790	67190	15.717	0.026	32.32194	-95.3022
75702	27069	9448	35336430	186165	13.643	0.072	32.36243	-95.3153
75703	37166	17763	1.4E+08	1335071	54.232	0.515	32.23507	-95.321
75704	8684	3499	1.74E+08	1732539	67.077	0.669	32.41311	-95.4433
75705	2168	861	71718340	643144	27.691	0.248	32.36263	-95.0867
75706	8771	3199	1.94E+08	2891667	75.008	1.116	32.46956	-95.3079
75707	13711	5795	1.34E+08	10104812	51.686	3.901	32.30152	-95.178
75708	7156	2640	1.42E+08	1279130	54.768	0.494	32.41841	-95.2131
75709	5062	2557	53673053	1770191	20.723	0.683	32.30424	-95.3908
75750	3937	1635	1.21E+08	4108292	46.821	1.586	32.26754	-95.0777
75751	17253	7209	4.17E+08	10240180	161.034	3.954	32.09435	-95.906
75752	6986	3338	3.83E+08	10653841	147.984	4.113	32.24401	-95.8076
75754	5783	2470	3.22E+08	5213626	124.203	2.013	32.42798	-95.662
75755	5719	2405	2.7E+08	4059962	104.391	1.568	32.64064	-95.0722
75756	4002	1682	1.78E+08	843517	68.554	0.326	32.30302	-95.6015
75757	10022	4438	2.26E+08	12569067	87.284	4.853	32.11274	-95.3475
75758	9072	4365	1.28E+08	46383249	49.373	17.909	32.27144	-95.5214
75759	141	79	5818740	0	2.247	0	32.03594	-95.4188
75760	2614	1392	3.37E+08	354035	130.158	0.137	31.79625	-94.8543
75762	12466	5229	1.13E+08	19214497	43.544	7.419	32.21833	-95.4134
75763	6005	2916	2.79E+08	18958123	107.791	7.32	32.04275	-95.5234
75764	233	95	3272996	0	1.264	0	31.89543	-95.1437
75765	7607	4119	2.65E+08	8794588	102.136	3.396	32.64204	-95.2349
75766	26388	10762	7.91E+08	13287537	305.332	5.13	31.94514	-95.257
75770	2776	1284	3.13E+08	8493510	120.763	3.279	32.15856	-95.6437
75771	18361	7564	3.73E+08	7322486	143.992	2.827	32.5379	-95.4357

75773	12791	5848	4.62E+08	13119767	178.38	5.066	32.68145	-95.4477
75778	3254	1730	1.46E+08	2813747	56.295	1.086	32.30093	-95.7098
75779	122	57	2228456	9976	0.86	0.004	31.86323	-95.4846
75780	312	90	3255397	0	1.257	0	31.99102	-95.0918
75783	7219	3714	3.15E+08	22682264	121.805	8.758	32.81643	-95.4247
75784	658	332	99967500	70026	38.598	0.027	31.87214	-94.9742
75785	11263	4190	6.93E+08	593540	267.49	0.229	31.77933	-95.1927
75788	126	89	8815886	0	3.404	0	31.82594	-94.9259
75789	7593	3230	4.89E+08	4345462	188.922	1.678	32.11186	-95.1004
75790	4203	1697	95196621	1075443	36.756	0.415	32.53517	-95.644
75791	13125	4952	99816806	6835480	38.539	2.639	32.22158	-95.2206
75792	3518	1538	2.44E+08	3634487	94.277	1.403	32.48224	-95.1064
75801	16799	7556	5.56E+08	6484251	214.598	2.504	31.73452	-95.5314
75803	22397	6930	8.61E+08	11471331	332.439	4.429	31.88178	-95.6795
75831	5386	2706	6.61E+08	3481782	255.15	1.344	31.47373	-96.0092
75832	66	31	43135114	1213095	16.655	0.468	31.93201	-95.9807
75833	3324	2070	6.35E+08	1161937	245.181	0.449	31.26776	-95.8412
75835	12012	6007	1.17E+09	4346183	449.997	1.678	31.28489	-95.4906
75838	666	364	1.81E+08	682905	69.943	0.264	31.4789	-96.2298
75839	5069	2272	3.82E+08	3928555	147.438	1.517	31.60669	-95.5833
75840	7076	3160	7.08E+08	11494201	273.312	4.438	31.78256	-96.0936
75844	5718	3463	9.31E+08	8290993	359.597	3.201	31.5138	-95.4376
75845	3259	1736	8.2E+08	808566	316.753	0.312	31.08746	-95.0768
75846	2718	1559	3.77E+08	16228511	145.728	6.266	31.32952	-96.1528
75847	1859	1071	6.28E+08	579727	242.324	0.224	31.35621	-95.1529
75848	92	48	513052	0	0.198	0	31.76524	-96.3299
75849	75	37	4936108	0	1.906	0	31.41743	-95.4817
75850	671	419	1.85E+08	369651	71.369	0.143	31.13645	-95.9343
75851	5050	1432	6.72E+08	2710282	259.39	1.046	31.09237	-95.4999
75852	3762	768	4.46E+08	9770361	172.236	3.772	30.95952	-95.7155
75853	963	487	1.93E+08	2248897	74.599	0.868	31.946	-95.8135
75855	2369	1538	7.05E+08	5706942	272.042	2.203	31.55727	-95.8637
75856	196	139	66055072	0	25.504	0	31.1889	-95.2557
75858	43	27	1190405	0	0.46	0	31.39077	-95.1267
75859	1923	1457	3.06E+08	48532803	118.045	18.739	31.89408	-96.2369
75860	6644	2508	4.39E+08	1378965	169.643	0.532	31.61135	-96.2381
75861	9017	835	2.97E+08	5181399	114.532	2.001	31.85158	-95.8885
75862	10091	6313	6.39E+08	54337141	246.812	20.98	30.96426	-95.3261
75901	29036	11430	4.18E+08	9440517	161.471	3.645	31.30171	-94.6414
75904	34004	13921	3.68E+08	4069680	142.181	1.571	31.34078	-94.8262
75925	4179	1908	6.13E+08	1836588	236.582	0.709	31.61295	-95.0621
75926	1070	620	3.05E+08	639273	117.633	0.247	31.24809	-94.9691
75928	1411	679	2.34E+08	1731604	90.336	0.669	30.6714	-93.7113
75929	1599	1471	3.43E+08	1.16E+08	132.596	44.929	31.24516	-94.1755
75930	2023	1241	3.49E+08	38509660	134.776	14.869	31.32205	-94.0326
75931	2631	1962	1.45E+08	52700250	56.02	20.348	31.11366	-94.0214
75932	1437	1234	3.25E+08	9584952	125.398	3.701	31.05615	-93.6157

75933	1599	784	1.93E+08	685384	74.36	0.265	30.55381	-93.8127
75934	99	100	19139315	276156	7.39	0.107	30.89328	-94.7557
75935	13685	5914	9.18E+08	8008762	354.296	3.092	31.73251	-94.1913
75936	889	515	3.25E+08	0	125.577	0	30.95208	-94.5796
75937	994	482	1.74E+08	3417209	67.21	1.319	31.46531	-94.3673
75938	2608	1607	4.82E+08	13640974	185.983	5.267	30.9464	-94.3576
75939	3992	1838	6.25E+08	666570	241.49	0.257	31.01378	-94.7974
75941	9105	2990	2.2E+08	3627126	84.817	1.4	31.18693	-94.7587
75942	115	60	1069171	23822	0.413	0.009	30.81517	-94.4306
75943	1262	580	1.66E+08	2932656	64.161	1.132	31.64238	-94.9072
75944	1301	783	1.03E+08	54076666	39.808	20.879	31.32574	-94.3852
75946	3578	1709	3.6E+08	4101137	138.887	1.583	31.81932	-94.5206
75948	6281	5241	6.34E+08	1.78E+08	244.908	68.832	31.30759	-93.7841
75949	7976	3599	5.12E+08	55313161	197.609	21.357	31.23051	-94.51
75951	16134	7536	1.02E+09	38038737	393.076	14.687	30.93732	-94.056
75954	3280	1574	2.71E+08	39468969	104.502	15.239	31.90434	-94.0481
75956	7623	3463	6.29E+08	3246300	243.004	1.253	30.67637	-93.9832
75959	923	752	1.21E+08	19837257	46.531	7.659	31.51231	-93.8617
75960	913	408	1.11E+08	48419	42.962	0.019	30.91286	-94.8657
75961	14910	6970	7.18E+08	17140868	277.152	6.618	31.55838	-94.5045
75962	3029	0	687981	0	0.266	0	31.61987	-94.6471
75964	20097	7840	6E+08	7210691	231.83	2.784	31.63174	-94.7407
75965	17591	8152	1.91E+08	1102698	73.914	0.426	31.72333	-94.6286
75966	5371	2325	7.02E+08	2133532	270.854	0.824	30.82691	-93.7141
75968	1766	847	1.9E+08	3762911	73.407	1.453	31.25229	-93.9539
75969	4116	1632	2.22E+08	2234405	85.893	0.863	31.44571	-94.8876
75972	6620	3379	9.35E+08	4620935	360.934	1.784	31.4857	-94.1306
75973	2599	1642	4.64E+08	58920791	179.145	22.749	31.71125	-93.9431
75974	3126	1331	2.67E+08	5250857	102.992	2.027	31.95836	-94.2398
75975	3699	1865	3.72E+08	2341670	143.466	0.904	31.89714	-94.4138
75976	827	369	58833160	48479	22.716	0.019	31.51448	-94.9241
75977	750	389	4.74E+08	320710	182.971	0.124	31.06659	-93.7828
75978	144	49	1421715	0	0.549	0	31.50905	-94.5272
75979	11423	5242	7.54E+08	11795455	291.212	4.554	30.74856	-94.3891
75980	2836	2182	4.19E+08	98967563	161.632	38.212	31.13838	-94.3752
76001	30460	10290	26749398	9539	10.328	0.004	32.63556	-97.1488
76002	30269	9252	18625959	134989	7.192	0.052	32.62232	-97.0932
76006	22639	13132	19586597	123807	7.562	0.048	32.78495	-97.1001
76008	13602	4905	1.92E+08	1102868	74.123	0.426	32.69571	-97.6315
76009	19759	7397	2.54E+08	4525031	98.202	1.747	32.41494	-97.1964
76010	55706	19819	23145577	0	8.937	0	32.72284	-97.0802
76011	21594	11417	20752280	115994	8.013	0.045	32.75427	-97.0832
76012	25689	11038	21175685	208246	8.176	0.08	32.75513	-97.1392
76013	30680	14378	23214593	1305167	8.963	0.504	32.71933	-97.155
76014	34072	11790	14933003	22911	5.766	0.009	32.69211	-97.0865
76015	16658	7190	11095687	4383	4.284	0.002	32.69219	-97.1333
76016	30852	11926	22948330	2572818	8.86	0.993	32.68922	-97.1891

76017	44724	17688	26920311	62090	10.394	0.024	32.66251	-97.164
76018	26938	8994	19820006	18440	7.653	0.007	32.66508	-97.0968
76020	27270	11451	1.71E+08	13352259	66.005	5.155	32.9002	-97.5612
76021	33673	16186	18755360	27046	7.241	0.01	32.85297	-97.1304
76022	13212	6070	6917629	0	2.671	0	32.83066	-97.1452
76023	5832	2421	1.46E+08	25022	56.217	0.01	33.04194	-97.5971
76028	59744	22307	2E+08	358091	77.139	0.138	32.53267	-97.3065
76031	17759	6427	1.88E+08	2428091	72.476	0.937	32.34616	-97.3281
76033	24819	10177	4.25E+08	11817265	164.003	4.563	32.27666	-97.5084
76034	22748	8148	33818712	268008	13.057	0.103	32.89179	-97.1496
76035	1622	720	1.74E+08	198204	67.358	0.077	32.56207	-97.631
76036	22352	8283	1.19E+08	179814	45.965	0.069	32.58186	-97.4206
76039	32925	15514	16887348	34169	6.52	0.013	32.86029	-97.086
76040	27524	12627	29459547	1094343	11.374	0.423	32.81411	-97.0913
76041	434	167	30608718	284768	11.818	0.11	32.23751	-96.8423
76043	7071	3038	3.56E+08	10381161	137.342	4.008	32.20848	-97.7952
76044	3866	1491	2.62E+08	1957009	100.973	0.756	32.42594	-97.5399
76048	21989	11384	2.81E+08	15226432	108.488	5.879	32.4217	-97.8111
76049	25130	11619	2.62E+08	18066404	100.973	6.975	32.45983	-97.7067
76050	5875	2300	3.16E+08	4494887	122.073	1.735	32.28092	-97.1608
76051	46320	19674	95386641	11473885	36.829	4.43	32.92577	-97.0715
76052	15995	5318	1.17E+08	296257	45.31	0.114	32.98662	-97.3773
76053	28421	11951	20815396	162425	8.037	0.063	32.8172	-97.1806
76054	11764	4734	9846790	9036	3.802	0.003	32.85941	-97.1786
76055	3084	1168	2.31E+08	1625570	89.06	0.628	32.16264	-97.1549
76058	17123	6276	1.41E+08	1094346	54.403	0.423	32.47409	-97.422
76059	4881	1757	7106415	37929	2.744	0.015	32.39259	-97.3275
76060	6764	2573	19165416	80101	7.4	0.031	32.63965	-97.2175
76061	152	77	3916006	0	1.512	0	32.50397	-97.1884
76063	61361	20899	1.34E+08	529929	51.845	0.205	32.57073	-97.1448
76064	1883	634	77355908	1067110	29.867	0.412	32.30237	-97.0372
76065	28986	10192	2.55E+08	3426398	98.373	1.323	32.46927	-96.9907
76066	3142	1463	2.23E+08	3638194	86.077	1.405	32.70446	-97.9931
76067	22117	8702	4.52E+08	6088175	174.405	2.351	32.7996	-98.1268
76070	752	352	92846985	2764851	35.848	1.068	32.26622	-97.6551
76071	3320	1307	19543814	1098348	7.546	0.424	33.00085	-97.4444
76073	5327	2088	2.18E+08	413380	84.2	0.16	33.09873	-97.7234
76077	590	239	18931154	734582	7.309	0.284	32.27826	-97.6915
76078	8572	3200	1.74E+08	544900	67.188	0.21	33.09337	-97.4628
76082	17748	7072	2.6E+08	407053	100.484	0.157	32.97004	-97.7337
76084	8327	2569	1.32E+08	758158	50.827	0.293	32.42632	-97.0903
76085	8787	3452	1.65E+08	533009	63.848	0.206	32.85307	-97.6966
76086	20196	8654	38014827	48094	14.678	0.019	32.75496	-97.7911
76087	24746	10354	4.83E+08	10024968	186.434	3.871	32.68273	-97.7823
76088	11499	4732	4.11E+08	2588050	158.628	0.999	32.8484	-97.9032
76092	26669	8529	58418722	7910979	22.556	3.054	32.95992	-97.1486
76093	2095	864	95916995	764371	37.034	0.295	32.2105	-97.3926

76102	8111	3792	11174528	505930	4.315	0.195	32.7591	-97.3298
76103	14572	5754	14124915	86527	5.454	0.033	32.7491	-97.273
76104	17446	7377	15176131	0	5.86	0	32.72869	-97.3178
76105	22194	7431	14428853	0	5.571	0	32.72405	-97.2694
76106	35389	10386	37680075	123007	14.548	0.047	32.8165	-97.3595
76107	25917	14399	27908878	337297	10.776	0.13	32.74206	-97.3817
76108	38227	15144	1.21E+08	610034	46.689	0.236	32.78701	-97.5239
76109	21710	11045	21072148	26703	8.136	0.01	32.70065	-97.387
76110	30434	11027	14854838	119785	5.735	0.046	32.70783	-97.3383
76111	21685	7362	21379160	326272	8.255	0.126	32.7785	-97.3001
76112	38993	18539	29338361	811464	11.328	0.313	32.74743	-97.2177
76114	24741	9789	23629790	149221	9.124	0.058	32.77449	-97.4023
76115	20696	6240	12072075	43418	4.661	0.017	32.6785	-97.3305
76116	46746	23777	31508794	61044	12.166	0.024	32.72072	-97.447
76117	30645	11943	27935149	278616	10.786	0.108	32.80344	-97.2674
76118	13866	5498	19607185	450706	7.57	0.174	32.80043	-97.1928
76119	42761	15097	41951817	3643456	16.198	1.407	32.69115	-97.2626
76120	15283	7369	25257560	1165699	9.752	0.45	32.77592	-97.181
76123	29722	9626	20983155	81703	8.102	0.032	32.61983	-97.3936
76126	19395	8414	1.65E+08	15107913	63.564	5.833	32.63587	-97.5035
76127	2003	59	5634309	41533	2.175	0.016	32.77541	-97.4356
76129	2833	2	284932	0	0.11	0	32.70864	-97.3635
76131	28374	9413	39116020	192724	15.103	0.074	32.88181	-97.346
76132	24709	13297	18973583	62164	7.326	0.024	32.66731	-97.4166
76133	48394	19989	23925438	16708	9.238	0.006	32.65292	-97.3795
76134	23704	8700	20638198	1351	7.968	0.001	32.63903	-97.3351
76135	20684	8511	67254735	18683504	25.967	7.214	32.84733	-97.4822
76137	54911	20980	35056042	220158	13.535	0.085	32.85969	-97.2915
76140	26340	9125	72173017	358210	27.866	0.138	32.62006	-97.2749
76148	23331	8346	12081159	2743	4.665	0.001	32.86842	-97.2521
76155	3115	2327	8971300	0	3.464	0	32.82398	-97.0487
76164	16748	5162	10186546	49850	3.933	0.019	32.7811	-97.3546
76177	4891	2187	37415730	244606	14.446	0.094	32.97536	-97.3105
76179	48058	17374	1.4E+08	17044763	54.02	6.581	32.91352	-97.4338
76180	33444	15098	24388871	101024	9.417	0.039	32.84001	-97.2253
76182	28209	10681	22749837	1302	8.784	0.001	32.88659	-97.2084
76201	27107	11562	14454499	81985	5.581	0.032	33.22097	-97.146
76205	18510	7793	21911088	149534	8.46	0.058	33.19263	-97.1293
76207	10579	4717	95302298	724928	36.796	0.28	33.2277	-97.1838
76208	19782	7594	70184954	17554914	27.099	6.778	33.20881	-97.0551
76209	24018	9999	16948105	0	6.544	0	33.23157	-97.1099
76210	39556	14079	41602434	1202160	16.063	0.464	33.14947	-97.096
76225	3156	1330	2.58E+08	388849	99.675	0.15	33.37243	-97.67
76226	18419	6352	1.23E+08	2009410	47.678	0.776	33.11468	-97.1738
76227	22141	8009	2.06E+08	11461370	79.458	4.425	33.27345	-96.9901
76228	1119	581	4.79E+08	3938316	184.926	1.521	33.61692	-98.0633
76230	9711	4894	9.81E+08	12043756	378.741	4.65	33.52057	-97.9561

76233	3235	1367	1.63E+08	5698116	62.96	2.2	33.53771	-96.9066
76234	15587	6162	8.05E+08	2290409	310.747	0.884	33.27632	-97.5142
76238	431	164	68595896	64913	26.485	0.025	33.47902	-97.3518
76239	1087	601	2.96E+08	1289817	114.45	0.498	33.5164	-97.5402
76240	26120	11378	9.57E+08	8142952	369.44	3.144	33.66158	-97.1764
76244	60388	20228	44503766	204653	17.183	0.079	32.92804	-97.2839
76245	1780	1398	58597333	13320498	22.625	5.143	33.83093	-96.8398
76247	13098	4498	1.86E+08	786273	71.849	0.304	33.09999	-97.3405
76248	34647	12251	37376460	102171	14.431	0.039	32.92401	-97.2251
76249	7194	2762	1.74E+08	3136301	67.165	1.211	33.27882	-97.3023
76250	937	354	22833165	0	8.816	0	33.63017	-97.2358
76251	731	352	1.37E+08	630275	53.019	0.243	33.6269	-97.6879
76252	2863	1200	4.79E+08	1200864	185.026	0.464	33.68208	-97.3829
76253	230	103	4006038	0	1.547	0	33.61586	-97.3108
76255	5411	2980	6.79E+08	6091718	262.172	2.352	33.82079	-97.7349
76258	6659	2588	2.31E+08	2936261	89.294	1.134	33.37125	-96.9332
76259	4618	1682	1.47E+08	1647909	56.651	0.636	33.1987	-97.3116
76261	233	115	1.75E+08	268690	67.533	0.104	33.79307	-97.9638
76262	27648	10894	1.17E+08	2715084	45.316	1.048	33.00934	-97.2267
76263	44	29	22250808	153410	8.591	0.059	33.47162	-97.4452
76264	1412	670	92335758	6264332	35.651	2.419	33.73797	-96.8395
76265	1893	986	5.05E+08	1741933	195.171	0.673	33.74137	-97.5353
76266	13495	5321	3.11E+08	28046729	120.114	10.829	33.37305	-97.2134
76268	250	109	1495139	0	0.577	0	33.62762	-96.7674
76270	1853	908	2.62E+08	780440	101.096	0.301	33.45599	-97.7518
76271	1352	659	1.02E+08	33704730	39.526	13.013	33.46464	-96.8927
76272	4745	2010	2.56E+08	50023519	98.924	19.314	33.45803	-97.1286
76273	9135	3973	5.28E+08	21598274	203.888	8.339	33.74389	-96.9361
76301	16540	8297	30390158	0	11.734	0	33.90554	-98.4799
76302	13206	5630	21390512	0	8.259	0	33.86452	-98.491
76305	4746	2093	5.67E+08	2113611	219.058	0.816	34.00478	-98.3888
76306	15991	7067	33838563	61486	13.065	0.024	33.94378	-98.5231
76308	19677	9348	23185390	3708044	8.952	1.432	33.85294	-98.5407
76309	13862	6460	14399963	0	5.56	0	33.89494	-98.5437
76310	17989	7747	4.66E+08	24888388	179.784	9.609	33.79909	-98.5098
76311	7535	634	4313491	0	1.665	0	33.96952	-98.509
76351	2035	992	4.97E+08	4385995	191.758	1.693	33.55813	-98.6952
76354	11270	4866	2.03E+08	250436	78.476	0.097	34.10327	-98.6225
76357	712	328	1.72E+08	985977	66.361	0.381	34.08127	-98.1838
76360	3502	1826	7.36E+08	6181961	284.298	2.387	33.96348	-98.9611
76363	256	165	1.59E+08	35526	61.311	0.014	33.47622	-99.5447
76364	193	104	1.77E+08	419459	68.342	0.162	34.04282	-98.993
76365	4831	2450	1.38E+09	40185084	532.331	15.516	33.75849	-98.2023
76366	2317	1101	6.12E+08	17264371	236.133	6.666	33.72385	-98.7837
76367	13045	4122	5.14E+08	8237564	198.396	3.181	33.9733	-98.7211
76370	299	190	2.77E+08	11093850	107.04	4.283	33.5274	-98.8848
76371	1606	863	2.71E+08	101904	104.602	0.039	33.48496	-99.6427

76372	974	540	7.01E+08	5400682	270.586	2.085	33.2502	-98.9256
76373	162	72	75322554	60195	29.082	0.023	34.13169	-99.1066
76374	4162	2026	7.31E+08	7785737	282.217	3.006	33.35866	-98.7401
76377	802	393	78722272	640404	30.395	0.247	34.00831	-98.2593
76379	591	221	1.12E+08	7568776	43.406	2.922	33.66825	-98.4891
76380	3820	2737	2.46E+09	87051044	951.523	33.611	33.62115	-99.2438
76384	12991	6050	1.23E+09	5261212	476.271	2.031	34.16089	-99.3429
76388	203	124	2.64E+08	165023	101.984	0.064	33.32284	-99.6421
76389	1329	520	5.15E+08	10157866	198.945	3.922	33.51263	-98.4576
76401	25702	11754	1.07E+09	7322300	412.343	2.827	32.28224	-98.1967
76402	847	0	230390	0	0.089	0	32.21633	-98.2172
76424	8992	4402	1.33E+09	60775559	515.046	23.466	32.80427	-98.8925
76426	11302	4456	3.41E+08	38892623	131.558	15.017	33.16604	-97.8451
76427	804	398	1.46E+08	1605235	56.545	0.62	33.15819	-98.3777
76429	258	233	2.76E+08	7676406	106.548	2.964	32.75937	-98.6664
76430	2532	1298	9.31E+08	2590431	359.645	1	32.79013	-99.2418
76431	3384	1657	3.07E+08	3369731	118.718	1.301	33.31588	-97.8577
76432	1370	665	2.47E+08	517693	95.557	0.2	31.84257	-98.8051
76433	1416	718	3.11E+08	1047556	120.107	0.404	32.31574	-98.0228
76435	612	382	1.88E+08	463052	72.695	0.179	32.24264	-98.8571
76436	212	145	1.17E+08	31784	45.299	0.012	31.8634	-98.2281
76437	5721	3093	1.05E+09	2910161	404.952	1.124	32.4015	-99.0352
76442	7545	3779	1.16E+09	15495075	446.755	5.983	31.8911	-98.6146
76443	1897	1057	3.66E+08	1041571	141.461	0.402	32.13383	-99.2133
76444	3635	1846	3.76E+08	3560716	145.294	1.375	32.12407	-98.5739
76445	407	235	1.76E+08	404485	67.825	0.156	32.29859	-98.5523
76446	9000	4121	1.09E+09	10298678	419.469	3.976	32.0753	-98.3486
76448	5628	3001	3.27E+08	8287541	126.191	3.2	32.39912	-98.8011
76449	2434	2839	5.36E+08	42582137	207.104	16.441	32.90499	-98.3243
76450	13258	6348	1.19E+09	39419244	461.114	15.22	33.05776	-98.6222
76452	75	29	23124261	34476	8.928	0.013	31.74754	-98.3644
76453	1125	797	3.36E+08	10397452	129.894	4.014	32.5876	-98.3336
76454	1688	992	3.55E+08	553870	137.133	0.214	32.21185	-98.7358
76455	1014	543	2.34E+08	21289	90.343	0.008	31.81333	-98.3845
76457	3960	2030	8.2E+08	3034752	316.512	1.172	31.94466	-98.028
76458	6261	2604	1.46E+09	15488285	564.141	5.98	33.21959	-98.1882
76459	146	86	58206224	279780	22.474	0.108	33.27643	-98.3824
76460	421	224	2.43E+08	1336669	93.751	0.516	33.31011	-98.5005
76462	2982	1387	4.35E+08	2287883	167.876	0.883	32.52702	-98.0088
76463	481	293	1.96E+08	1767982	75.792	0.683	32.45541	-98.4182
76464	506	319	4.81E+08	447535	185.839	0.173	32.556	-99.1647
76466	332	168	15694195	0	6.06	0	32.43331	-98.7374
76469	96	46	37017747	463345	14.293	0.179	32.34115	-99.1983
76470	3238	1818	7.4E+08	1569113	285.738	0.606	32.49588	-98.664
76471	1906	1173	4.54E+08	841854	175.195	0.325	32.11695	-98.9851
76472	1499	695	2.61E+08	2674266	100.898	1.033	32.6005	-98.1728
76474	281	179	93043662	202049	35.924	0.078	31.97652	-98.7939

76475	977	785	6.13E+08	7133488	236.653	2.754	32.66547	-98.4945
76476	2637	1139	2.66E+08	4272334	102.719	1.65	32.36265	-97.9244
76481	208	162	1.6E+08	2491612	61.841	0.962	32.99042	-98.7455
76483	1063	690	1.65E+09	5417183	635.777	2.092	33.18771	-99.265
76484	1147	611	2.75E+08	3981682	106.353	1.537	32.7641	-98.2769
76486	1375	659	2.67E+08	2659213	103.244	1.027	33.01498	-98.0537
76487	2507	1117	2.32E+08	702009	89.435	0.271	32.97278	-97.8898
76490	91	38	1924865	0	0.743	0	32.94547	-98.0189
76491	459	276	3.28E+08	791439	126.562	0.306	33.03687	-99.0488
76501	16897	7082	3.03E+08	2020926	116.836	0.78	31.0753	-97.2524
76502	31545	13475	1.61E+08	6406153	62.259	2.473	31.10393	-97.412
76504	24268	10636	70118704	375696	27.073	0.145	31.13789	-97.3736
76508	0	0	149411	0	0.058	0	31.07757	-97.3641
76511	3317	945	2.03E+08	1122818	78.409	0.434	30.80178	-97.4244
76513	34172	13052	2.73E+08	32794655	105.478	12.662	31.05169	-97.4999
76518	1581	714	3.02E+08	966430	116.513	0.373	30.85265	-97.1489
76519	626	287	1.32E+08	557621	51.128	0.215	31.02083	-97.1207
76520	8413	3796	7.8E+08	2655488	301.269	1.025	30.89113	-96.9076
76522	35534	14536	2.97E+08	131108	114.825	0.051	31.21905	-97.9682
76523	18	6	1570856	28902	0.607	0.011	30.78925	-97.2916
76524	2867	1115	1.74E+08	1068067	67.225	0.412	31.26864	-97.2025
76525	1062	692	4.97E+08	170218	191.707	0.066	31.49174	-98.1363
76527	4058	1628	3.32E+08	1099019	128.365	0.424	30.8418	-97.8097
76528	16974	6894	1.31E+09	18332599	504.302	7.078	31.41726	-97.7556
76530	2540	1100	2.42E+08	13273057	93.41	5.125	30.71086	-97.4139
76531	4978	2591	9.9E+08	638065	382.057	0.246	31.68681	-98.187
76534	2615	1077	2.29E+08	2037475	88.408	0.787	30.88433	-97.3788
76537	3870	1481	1.39E+08	538029	53.763	0.208	30.8174	-97.6029
76538	761	414	3.89E+08	181748	150.013	0.07	31.64768	-97.8956
76539	7841	3212	3.56E+08	681568	137.385	0.263	31.08816	-98.0107
76541	19206	10246	12305792	26522	4.751	0.01	31.11288	-97.7296
76542	40025	15578	2.09E+08	2788181	80.569	1.077	31.00964	-97.7464
76543	30430	13389	1.26E+08	889954	48.591	0.344	31.14921	-97.6332
76544	29943	6722	79244900	166459	30.597	0.064	31.14364	-97.761
76548	26344	10214	40178145	4163609	15.513	1.608	31.05086	-97.6446
76549	44490	16945	1.98E+08	1216808	76.635	0.47	31.01708	-97.8331
76550	11586	5287	1.38E+09	4808727	531.564	1.857	31.10238	-98.2593
76554	2104	806	22530598	233916	8.699	0.09	30.96498	-97.3728
76556	1461	701	2.55E+08	766884	98.613	0.296	30.70039	-96.8306
76557	5178	2173	3.51E+08	17488883	135.679	6.752	31.28509	-97.3901
76559	5051	1889	17391911	251150	6.715	0.097	31.07596	-97.6044
76561	962	421	1.17E+08	2432401	45.11	0.939	31.40952	-97.5311
76565	74	58	71601330	0	27.645	0	31.64477	-98.3509
76566	258	163	1.41E+08	52301	54.5	0.02	31.55391	-98.0491
76567	8984	4098	5.01E+08	2433523	193.578	0.94	30.64955	-97.0061
76569	2498	994	2.11E+08	2438215	81.456	0.941	30.94018	-97.227
76570	2572	1276	4.66E+08	3763099	179.824	1.453	31.08227	-96.9535

76571	6790	2874	3.06E+08	11794773	118.183	4.554	30.92574	-97.5987
76573	26	17	2314873	0	0.894	0	30.81863	-97.5025
76574	17661	7089	3.69E+08	8385020	142.394	3.237	30.57933	-97.3886
76577	3046	1382	3.91E+08	3403358	151.14	1.314	30.62723	-97.1703
76578	1766	717	1.94E+08	2510422	75.054	0.969	30.53541	-97.2372
76579	4258	1662	1.48E+08	1319166	57.236	0.509	31.19591	-97.2653
76596	1274	0	781894	10812	0.302	0.004	31.47658	-97.7287
76597	2882	0	1255390	0	0.485	0	31.48642	-97.7069
76598	523	0	99874	0	0.039	0	31.47532	-97.7355
76599	1956	0	1296064	0	0.5	0	31.46798	-97.7353
76621	1037	456	1.88E+08	1058404	72.706	0.409	31.88173	-97.0854
76622	1015	461	1.37E+08	1610122	52.716	0.622	31.81619	-97.2433
76623	242	84	13132338	69989	5.07	0.027	32.21112	-96.7528
76624	2231	946	1.66E+08	1931929	64.247	0.746	31.66105	-96.9551
76626	1563	663	1.06E+08	1059929	40.903	0.409	32.12293	-96.7237
76627	1601	674	2.29E+08	4840392	88.551	1.869	32.10851	-97.3958
76628	111	48	24011569	109726	9.271	0.042	32.03004	-96.9473
76629	1989	1117	3.67E+08	5035180	141.531	1.944	31.14975	-96.6518
76630	1840	691	37327759	273889	14.412	0.106	31.34075	-97.2111
76631	522	204	1.06E+08	737341	40.893	0.285	31.97552	-96.9772
76632	1778	715	1.56E+08	1809831	60.061	0.699	31.30313	-97.0602
76633	4973	1878	1.25E+08	1690775	48.273	0.653	31.69395	-97.3253
76634	7093	3827	7.33E+08	12871932	282.853	4.97	31.81706	-97.5466
76635	1341	566	2.73E+08	4556996	105.504	1.759	31.71629	-96.6614
76636	1497	676	1.12E+08	933957	43.371	0.361	32.1711	-97.2912
76637	536	300	1.03E+08	396174	39.669	0.153	31.769	-97.8044
76638	2837	1137	2.14E+08	445810	82.664	0.172	31.54998	-97.4427
76639	1584	811	2.38E+08	6662990	91.863	2.573	31.86695	-96.6558
76640	3005	1299	73554705	891587	28.4	0.344	31.69662	-97.0737
76641	1674	762	1.94E+08	8624182	75.071	3.33	32.03869	-96.8079
76642	7057	2967	6.62E+08	36156374	255.48	13.96	31.50306	-96.52
76643	13554	5160	20687245	48825	7.987	0.019	31.4535	-97.1953
76645	11039	4590	4.34E+08	10077371	167.466	3.891	32.02246	-97.1334
76648	2302	1184	2.67E+08	8006218	103.115	3.091	31.84851	-96.8073
76649	790	487	3.58E+08	3714164	138.336	1.434	32.00148	-97.8826
76650	104	52	27013528	151666	10.43	0.059	31.98008	-96.8636
76651	3300	1347	2.67E+08	2756130	103.157	1.064	32.17771	-96.8512
76652	1087	639	2.26E+08	5935825	87.117	2.292	32.11754	-97.5756
76653	1082	607	3.85E+08	5798517	148.651	2.239	31.29959	-96.609
76654	151	60	1662778	13740	0.642	0.005	31.73415	-97.0108
76655	7831	2946	1.98E+08	1137223	76.353	0.439	31.40115	-97.1831
76656	2276	1046	3E+08	2664391	115.741	1.029	31.1851	-97.0437
76657	9307	3631	2.75E+08	234685	106.306	0.091	31.44554	-97.3826
76660	506	245	92002146	819114	35.522	0.316	31.9246	-96.9045
76661	8708	3390	4.16E+08	6660721	160.534	2.572	31.31991	-96.848
76664	3514	1502	3.5E+08	3090826	135.045	1.193	31.561	-96.8024
76665	2526	1242	4.12E+08	3981022	159.074	1.537	31.91622	-97.7101

76666	244	123	42418266	472669	16.378	0.182	32.04398	-96.9146
76667	11313	4740	3.73E+08	8016495	144.005	3.095	31.65492	-96.4681
76670	1377	571	1.81E+08	1844103	70.057	0.712	32.13751	-96.9925
76671	1777	1186	2.06E+08	19045582	79.607	7.354	31.98899	-97.5298
76673	1187	542	2.39E+08	3300774	92.217	1.274	31.75119	-96.8919
76676	413	188	55577835	303237	21.459	0.117	31.86375	-96.9515
76678	263	131	97519497	747573	37.652	0.289	31.6611	-96.76
76679	1432	662	1.98E+08	4968180	76.269	1.918	31.92755	-96.5794
76680	190	135	1.44E+08	1638580	55.676	0.633	31.20239	-96.8142
76681	873	448	1.89E+08	16047349	73.032	6.196	31.89348	-96.4337
76682	2660	1198	2.94E+08	5282635	113.42	2.04	31.45338	-96.9136
76685	108	60	34854022	1205887	13.457	0.466	31.35473	-97.0129
76686	285	155	29295360	409039	11.311	0.158	31.76757	-96.5593
76687	1466	1025	3.44E+08	14553842	132.643	5.619	31.37292	-96.495
76689	3996	1748	5.95E+08	2489444	229.878	0.961	31.66216	-97.5061
76690	1197	580	2.1E+08	2464326	81.207	0.951	32.08352	-97.7367
76691	6454	2706	2.58E+08	1230724	99.747	0.475	31.76985	-97.0982
76692	10115	5478	3.18E+08	40577337	122.608	15.667	31.9597	-97.3304
76693	1651	801	2E+08	545636	77.294	0.211	31.78399	-96.4042
76701	1826	826	2945553	46096	1.137	0.018	31.55201	-97.1382
76704	8007	3704	13397540	441231	5.173	0.17	31.57682	-97.1272
76705	29155	11391	2.96E+08	10850615	114.304	4.189	31.62095	-97.0985
76706	35015	13833	1.84E+08	3754829	70.933	1.45	31.47567	-97.0839
76707	16697	6072	8455021	71299	3.265	0.028	31.55388	-97.1591
76708	24476	9736	1.21E+08	10437619	46.538	4.03	31.62712	-97.2159
76710	22686	11467	24632273	5141638	9.511	1.985	31.53972	-97.195
76711	9042	3402	10251070	26490	3.958	0.01	31.51376	-97.153
76712	23506	9856	1.3E+08	14906999	50.325	5.756	31.52966	-97.2604
76798	1862	0	90399	0	0.035	0	31.54838	-97.1191
76801	25552	11978	9.89E+08	24783606	381.887	9.569	31.7483	-99.0329
76802	5075	2117	1.87E+08	278020	72.321	0.107	31.74359	-98.9114
76820	125	163	1.94E+08	693628	75.021	0.268	30.76699	-99.05
76821	4869	2369	7.9E+08	11241163	305	4.34	31.73858	-99.9342
76823	2945	1434	2.91E+08	894082	112.338	0.345	31.7062	-99.1514
76824	35	20	72150321	2318360	27.857	0.895	30.93677	-98.4671
76825	7091	3457	1.35E+09	11546469	520.91	4.458	31.10596	-99.3942
76827	433	219	1.88E+08	343912	72.601	0.133	31.51791	-99.1355
76828	199	166	2.52E+08	640574	97.126	0.247	32.00693	-99.2908
76831	63	69	1.12E+08	23383	43.347	0.009	30.65375	-98.9183
76832	559	343	5.25E+08	173426	202.682	0.067	30.98578	-98.7355
76834	5908	3368	1.06E+09	9918916	410.701	3.83	31.88134	-99.4812
76836	41	33	99099036	593085	38.262	0.229	31.44336	-99.5491
76837	3188	866	1.13E+09	2542317	437.295	0.982	31.22276	-99.8962
76841	61	84	2.59E+08	27850	100.007	0.011	30.89754	-100.107
76842	191	159	2.43E+08	228326	93.868	0.088	30.93982	-99.0799
76844	3550	2037	1.06E+09	1671016	409.786	0.645	31.43242	-98.5087
76845	178	168	2.9E+08	688799	111.968	0.266	31.53807	-99.4882

76848	78	76	1.57E+08	0	60.742	0	30.84312	-99.5701
76849	3944	2725	2.45E+09	429430	945.044	0.166	30.4722	-99.8219
76852	212	195	3.88E+08	1950120	149.813	0.753	31.3694	-99.447
76853	1622	857	6.65E+08	1489776	256.807	0.575	31.25722	-98.3767
76854	401	375	3.53E+08	11304	136.329	0.004	30.69479	-99.5813
76856	3582	2272	1.84E+09	7415185	711.183	2.863	30.69089	-99.2762
76857	1791	1412	3.48E+08	4749137	134.229	1.834	31.93123	-98.9274
76858	254	181	3.09E+08	1150791	119.202	0.444	31.17695	-99.6164
76859	1982	1462	1.86E+09	585709	718.241	0.226	30.88371	-99.8549
76861	1995	863	4.44E+08	157536	171.487	0.061	31.59201	-100.193
76862	198	265	3.31E+08	13732475	127.741	5.302	31.41151	-99.6823
76864	890	518	6.1E+08	1816863	235.448	0.701	31.55398	-98.7311
76865	160	103	82918547	44135	32.015	0.017	31.85852	-100.165
76866	623	449	7.21E+08	9036497	278.457	3.489	31.46097	-99.9338
76869	125	133	1.91E+08	252054	73.807	0.097	30.91096	-98.9941
76870	251	139	71339264	30435	27.544	0.012	31.62736	-98.5467
76871	784	530	6.04E+08	1787382	233.246	0.69	31.28912	-98.9955
76872	717	477	7.75E+08	4028290	299.072	1.555	31.33192	-99.1659
76873	55	84	1.16E+08	320625	44.934	0.124	31.51532	-99.3806
76874	68	113	1.81E+08	0	69.72	0	30.45867	-100.069
76875	668	319	2.81E+08	56312	108.545	0.022	31.60293	-99.9995
76877	4558	2108	1.44E+09	3639326	555.731	1.405	31.15709	-98.764
76878	1685	978	6.85E+08	3698896	264.515	1.428	31.64914	-99.2954
76882	252	200	3.62E+08	442990	139.763	0.171	31.8169	-99.7023
76884	172	100	89563523	321413	34.581	0.124	31.7369	-99.5678
76885	154	135	2.04E+08	25686	78.657	0.01	30.85896	-98.8613
76887	126	97	1.51E+08	1525873	58.288	0.589	31.0119	-99.1595
76888	110	181	2.77E+08	29879545	106.876	11.537	31.6099	-99.6405
76890	940	472	2.43E+08	793570	93.668	0.306	31.68668	-98.7763
76901	27969	11906	7.15E+08	17083106	276.069	6.596	31.6109	-100.553
76903	31905	13750	68981203	13091	26.634	0.005	31.48482	-100.438
76904	32718	14668	1.05E+09	27660600	403.905	10.68	31.27837	-100.406
76905	11335	4386	5.38E+08	0	207.872	0	31.50972	-100.322
76908	1951	13	3611818	0	1.395	0	31.43208	-100.402
76930	156	92	4.67E+08	0	180.32	0	31.27255	-101.173
76932	3390	1369	2.51E+09	10136	969.61	0.004	31.26873	-101.542
76933	1365	727	6.72E+08	2436971	259.447	0.941	31.8589	-100.284
76934	1296	479	40334469	0	15.573	0	31.60306	-100.669
76935	1606	767	7.56E+08	983614	292.033	0.38	31.08344	-100.424
76936	3377	1426	2.78E+09	87401	1074.109	0.034	30.88354	-100.595
76937	37	16	27217373	0	10.509	0	31.38855	-100.151
76939	51	26	83021384	2165357	32.055	0.836	31.26884	-100.564
76940	176	85	38335927	0	14.802	0	31.43904	-100.143
76941	1348	706	1.47E+09	75076	568.48	0.029	31.27238	-100.889
76943	3693	1872	6.5E+09	7014729	2509.559	2.708	30.5376	-101.298
76945	1665	1399	1.55E+09	30576520	596.562	11.806	31.88505	-100.611
76949	7	16	23778100	106714	9.181	0.041	32.04114	-100.695

76950	4180	2145	4.77E+09	2448814	1839.951	0.945	30.44141	-100.561
76951	1143	612	2.08E+09	76294	802.512	0.029	31.80275	-101.056
76953	74	63	1.18E+08	346888	45.675	0.134	31.72377	-100.332
76955	133	49	1.26E+08	0	48.53	0	31.28952	-100.153
76957	59	19	723906	0	0.28	0	31.37215	-100.305
76958	310	147	2.55E+08	0	98.457	0	31.59511	-100.799
77002	16793	3757	5227914	128033	2.019	0.049	29.75685	-95.3657
77003	10508	4713	6567398	67910	2.536	0.026	29.74981	-95.3459
77004	32692	16618	14960198	68772	5.776	0.027	29.72489	-95.3638
77005	25528	10299	9958464	720	3.845	0	29.71844	-95.4236
77006	19664	13602	5840517	0	2.255	0	29.74097	-95.3913
77007	30853	17708	20222292	233912	7.808	0.09	29.77155	-95.4111
77008	30482	16526	16886733	70547	6.52	0.027	29.79825	-95.4169
77009	38094	15705	16006249	20223	6.18	0.008	29.79534	-95.3676
77010	366	471	319762	0	0.123	0	29.75362	-95.3598
77011	19547	6932	9243204	428466	3.569	0.165	29.74356	-95.3089
77012	20719	6952	10172603	845645	3.928	0.327	29.71853	-95.2741
77013	17602	6155	22650287	213335	8.745	0.082	29.79181	-95.229
77014	28684	11671	18533863	105094	7.156	0.041	29.98121	-95.464
77015	53621	18461	54698749	5336242	21.119	2.06	29.76393	-95.1731
77016	26989	10593	25044017	158854	9.67	0.061	29.86253	-95.3
77017	32561	10770	22520254	594364	8.695	0.229	29.68982	-95.2524
77018	25563	11837	17147259	71108	6.621	0.027	29.82645	-95.4263
77019	18944	10980	9115666	104823	3.52	0.04	29.75415	-95.4095
77020	25464	9384	17881915	318808	6.904	0.123	29.77318	-95.3143
77021	26042	11810	15742462	65118	6.078	0.025	29.69843	-95.3569
77022	29557	10692	15125545	1147	5.84	0	29.83159	-95.3796
77023	28998	10646	14112378	235044	5.449	0.091	29.72183	-95.3183
77024	34775	15927	32905019	105158	12.705	0.041	29.77123	-95.5118
77025	26137	13662	11137251	91474	4.3	0.035	29.68571	-95.4348
77026	23940	10111	16782149	8811	6.48	0.003	29.80019	-95.3289
77027	14331	10203	7412837	38825	2.862	0.015	29.74008	-95.4464
77028	16808	6457	23752521	20826	9.171	0.008	29.82572	-95.2861
77029	17814	6340	33648461	1020378	12.992	0.394	29.75967	-95.2563
77030	10258	5759	6530028	118054	2.521	0.046	29.70679	-95.4017
77031	15762	6305	8250354	18564	3.185	0.007	29.65221	-95.5462
77032	12757	4343	57300665	205180	22.124	0.079	29.98781	-95.3534
77033	27965	10082	15476400	48319	5.975	0.019	29.66688	-95.3351
77034	33678	12778	35559329	638131	13.73	0.246	29.61937	-95.1912
77035	35896	15355	14769443	8531	5.703	0.003	29.65342	-95.4753
77036	71969	30117	18432161	106524	7.117	0.041	29.70185	-95.5345
77037	19819	5521	16146946	25516	6.234	0.01	29.89036	-95.3925
77038	26713	7922	24381853	193179	9.414	0.075	29.9186	-95.4412
77039	27562	8089	26147028	117333	10.095	0.045	29.91117	-95.3412
77040	45081	17649	36397226	227882	14.053	0.088	29.87458	-95.5271
77041	37146	11997	47929493	477837	18.506	0.184	29.8586	-95.5808
77042	36385	20521	16189862	100352	6.251	0.039	29.74133	-95.5603

77043	23358	9392	38607360	20653	14.906	0.008	29.81269	-95.5836
77044	30949	10158	1.01E+08	19129939	39.082	7.386	29.90662	-95.1806
77045	31255	9730	29892027	393239	11.541	0.152	29.63579	-95.4329
77046	1196	964	302539	0	0.117	0	29.73378	-95.4333
77047	21077	8097	35794645	602951	13.82	0.233	29.61065	-95.3869
77048	15294	6501	28702161	223468	11.082	0.086	29.61871	-95.3242
77049	28521	9402	63665401	2531231	24.581	0.977	29.83293	-95.149
77050	4611	1451	17282498	651473	6.673	0.252	29.90289	-95.2693
77051	15085	6584	18972731	92810	7.325	0.036	29.65611	-95.3787
77053	28954	8651	31877352	347818	12.308	0.134	29.58354	-95.4607
77054	22290	14173	14473863	62849	5.588	0.024	29.68025	-95.4049
77055	41989	16005	21648620	5250	8.359	0.002	29.79687	-95.4917
77056	18673	12270	8960556	34523	3.46	0.013	29.7482	-95.4689
77057	39208	22694	11040817	8379	4.263	0.003	29.74408	-95.488
77058	16406	9667	21368323	2418306	8.25	0.934	29.56158	-95.0996
77059	16949	5724	25487509	265021	9.841	0.102	29.6136	-95.1194
77060	40830	15562	21298928	24543	8.224	0.009	29.9347	-95.3949
77061	24457	9555	20508214	120868	7.918	0.047	29.64701	-95.2766
77062	25152	9910	14047202	45900	5.424	0.018	29.57355	-95.1306
77063	34299	19359	11913976	10576	4.6	0.004	29.7363	-95.5233
77064	45847	16362	38133902	278430	14.724	0.108	29.91805	-95.5357
77065	35326	14957	21270772	46256	8.213	0.018	29.92656	-95.6032
77066	31366	10179	22266615	76586	8.597	0.03	29.95723	-95.5033
77067	30559	10595	15518005	31484	5.992	0.012	29.95263	-95.4466
77068	10064	4180	9851150	133593	3.804	0.052	30.00706	-95.4884
77069	16541	8643	12416846	109818	4.794	0.042	29.98845	-95.5312
77070	46017	20131	33700571	358184	13.012	0.138	29.97967	-95.5728
77071	25671	10423	11571164	86641	4.468	0.033	29.65239	-95.5212
77072	56526	18964	18952884	13769	7.318	0.005	29.69969	-95.5848
77073	34790	12060	35838025	195794	13.837	0.076	29.9993	-95.4002
77074	37267	14331	14087207	59980	5.439	0.023	29.68795	-95.5157
77075	37388	12024	28504209	482492	11.006	0.186	29.62042	-95.2689
77076	33803	10193	12362319	1255	4.773	0	29.86002	-95.3822
77077	52151	27105	22570700	205539	8.715	0.079	29.75023	-95.6154
77078	14777	4898	27739005	223558	10.71	0.086	29.85238	-95.2541
77079	31280	13335	18911214	144827	7.302	0.056	29.77609	-95.603
77080	45275	16376	16532128	88865	6.383	0.034	29.81589	-95.523
77081	47860	19352	8019956	3242	3.097	0.001	29.7121	-95.4809
77082	49900	23058	32515705	420932	12.554	0.163	29.72449	-95.64
77083	70837	21719	26713360	67963	10.314	0.026	29.69447	-95.6496
77084	95137	33731	79630562	325455	30.746	0.126	29.82749	-95.6599
77085	16074	4857	13711520	13494	5.294	0.005	29.62074	-95.4862
77086	28009	8375	17568012	18599	6.783	0.007	29.9177	-95.49
77087	36399	11494	17258938	87757	6.664	0.034	29.68562	-95.3042
77088	49660	17680	28967373	169952	11.184	0.066	29.88149	-95.4526
77089	48685	16805	32931806	1461490	12.715	0.564	29.58696	-95.2256
77090	32930	16429	21289363	133048	8.22	0.051	30.00824	-95.439

77091	23472	10992	18598945	80375	7.181	0.031	29.85307	-95.436
77092	33745	14870	19724204	42292	7.616	0.016	29.83002	-95.4744
77093	46929	13858	31147290	20526	12.026	0.008	29.8634	-95.3414
77094	8498	3189	29196393	810402	11.273	0.313	29.76929	-95.6813
77095	66502	23943	39850707	386555	15.386	0.149	29.90922	-95.6512
77096	32628	15431	15503253	148090	5.986	0.057	29.67534	-95.4794
77098	13076	9064	4598100	164	1.775	0	29.73481	-95.4161
77099	47091	17439	16112274	11938	6.221	0.005	29.67087	-95.586
77201	0	0	117997	0	0.046	0	29.766	-95.3644
77301	30769	10173	48945459	111171	18.898	0.043	30.30738	-95.4385
77302	18118	6545	1.49E+08	1220427	57.68	0.471	30.22185	-95.3388
77303	16710	6225	1.6E+08	499184	61.834	0.193	30.37795	-95.3771
77304	21314	10203	98022294	4927063	37.847	1.902	30.32455	-95.505
77306	11931	4061	1.07E+08	89371	41.129	0.035	30.28584	-95.3124
77316	16036	6185	3.27E+08	1924067	126.198	0.743	30.30616	-95.6864
77318	14281	6780	99325132	31214456	38.35	12.052	30.43881	-95.5332
77320	33678	10605	8.24E+08	44760197	317.958	17.282	30.80467	-95.5509
77326	69	42	6169203	0	2.382	0	30.50488	-94.817
77327	20160	8267	8.23E+08	16622613	317.69	6.418	30.31757	-94.9177
77328	13993	5321	4.2E+08	1796993	162.341	0.694	30.39237	-95.1912
77331	6824	4165	3.97E+08	64855068	153.111	25.041	30.62945	-95.1589
77334	141	93	37109060	267899	14.328	0.103	30.78184	-95.3734
77335	2350	1246	94694916	2971584	36.562	1.147	30.57433	-94.9112
77336	12471	4643	1.01E+08	10118331	39.05	3.907	30.06317	-95.0989
77338	33971	13017	68564213	2290805	26.473	0.884	30.0173	-95.2862
77339	37512	16137	43689679	2494775	16.869	0.963	30.04678	-95.221
77340	29809	11634	5.64E+08	7128529	217.622	2.752	30.6402	-95.5384
77342	23	11	352349	2062	0.136	0.001	30.74038	-95.5558
77345	26122	9822	21906902	5635267	8.458	2.176	30.05311	-95.1579
77346	53578	18490	44965356	7334996	17.361	2.832	29.9945	-95.1775
77350	66	37	6831379	0	2.638	0	30.82443	-94.8335
77351	32517	15525	1.74E+09	95741614	671.393	36.966	30.71782	-94.8172
77354	30215	10580	1.97E+08	1158507	75.901	0.447	30.21686	-95.6472
77355	24010	8449	1.48E+08	532215	57.043	0.205	30.15626	-95.7493
77356	24498	12274	3.37E+08	41269987	130.088	15.934	30.46566	-95.7299
77357	19987	7318	1.63E+08	439201	62.785	0.17	30.16122	-95.1898
77358	4993	2189	3.21E+08	8669054	123.818	3.347	30.55832	-95.4363
77359	721	382	1.36E+08	476067	52.494	0.184	30.75189	-95.3016
77360	5280	3379	85307813	36442935	32.938	14.071	30.84625	-95.1175
77362	4600	1703	21091585	32665	8.144	0.013	30.16053	-95.6692
77363	3269	1541	1.79E+08	1473060	69.269	0.569	30.3164	-95.85
77364	2223	1467	78596680	14494772	30.346	5.596	30.76759	-95.2187
77365	25769	9289	91897689	1457101	35.482	0.563	30.10669	-95.2971
77367	143	124	2086101	328986	0.805	0.127	30.85722	-95.3979
77368	152	104	19572169	933694	7.557	0.361	30.44381	-94.8226
77369	1018	575	94858185	501532	36.625	0.194	30.42182	-94.7353
77371	7665	3159	3.29E+08	5961606	127.2	2.302	30.48353	-94.9896

77372	12164	4544	1.34E+08	479737	51.902	0.185	30.23801	-95.1645
77373	54609	19307	61441336	922383	23.723	0.356	30.06217	-95.384
77374	510	213	1.34E+08	358140	51.862	0.138	30.396	-94.6238
77375	39351	14626	88185870	1343976	34.049	0.519	30.09489	-95.5858
77376	617	250	80081161	67609	30.92	0.026	30.44377	-94.6638
77377	28708	10136	1.01E+08	1211367	38.894	0.468	30.06173	-95.6815
77378	14685	5287	2.52E+08	1347673	97.242	0.52	30.47137	-95.3639
77379	70544	25531	65082885	1545338	25.129	0.597	30.04088	-95.5289
77380	23136	11248	32192102	538324	12.429	0.208	30.13697	-95.4684
77381	34961	13948	33951991	379803	13.109	0.147	30.17825	-95.501
77382	35369	12736	29199377	191337	11.274	0.074	30.19499	-95.5482
77384	11857	5593	45288522	378433	17.486	0.146	30.23385	-95.4957
77385	19534	6887	56480919	1112561	21.807	0.43	30.18819	-95.4163
77386	36407	12870	1.04E+08	1956400	40.255	0.755	30.10039	-95.3564
77388	40384	14196	36034805	191726	13.913	0.074	30.05931	-95.4707
77389	21255	7569	54033376	690469	20.862	0.267	30.12343	-95.5171
77396	43317	14394	69437393	408675	26.81	0.158	29.94417	-95.2587
77401	17491	6844	9715941	1966	3.751	0.001	29.70402	-95.4609
77406	33682	11373	1.68E+08	5042690	64.896	1.947	29.64609	-95.7945
77407	28595	9478	48783490	1844484	18.835	0.712	29.67	-95.7081
77412	106	66	22514064	1167988	8.693	0.451	29.55376	-96.4121
77414	23047	11902	1.34E+09	42092365	518.353	16.252	28.90819	-95.8682
77415	46	20	4500166	46632	1.738	0.018	28.93309	-95.7349
77417	2457	984	1.56E+08	422184	60.176	0.163	29.46441	-95.9662
77418	9585	4432	4.92E+08	8145922	190.066	3.145	29.98712	-96.2529
77419	1512	611	1.64E+08	2104947	63.149	0.813	28.8493	-96.2548
77420	2205	953	1.38E+08	3573422	53.258	1.38	29.25899	-95.9303
77422	13933	5732	4.42E+08	31178856	170.804	12.038	28.96057	-95.5583
77423	9483	3471	3.74E+08	4565236	144.295	1.763	29.84846	-95.9771
77426	2100	1101	2.3E+08	5050134	88.729	1.95	30.1223	-96.2584
77428	61	64	2.14E+08	3.39E+08	82.785	130.983	28.62342	-96.1899
77429	72264	25165	99413806	1282834	38.384	0.495	29.99778	-95.6694
77430	2283	1029	2.89E+08	21492012	111.632	8.298	29.25988	-95.6677
77432	173	70	65545906	97915	25.307	0.038	29.06742	-96.1886
77433	50539	16596	1.51E+08	2455252	58.327	0.948	29.93433	-95.7476
77434	4816	2111	4.95E+08	13642925	190.954	5.268	29.52796	-96.3052
77435	4539	1819	3.64E+08	1231234	140.472	0.475	29.51559	-96.1204
77436	73	48	16702822	17556	6.449	0.007	29.41871	-96.234
77437	17054	6633	8.34E+08	4860494	321.887	1.877	29.21233	-96.2806
77440	37	17	13196770	8322	5.095	0.003	28.89465	-96.1478
77441	4809	1897	1.13E+08	3564761	43.713	1.376	29.67044	-95.9222
77442	1137	633	5E+08	5976345	192.924	2.307	29.42228	-96.5062
77443	84	60	788374	1732	0.304	0.001	29.3491	-96.1918
77444	784	348	97078610	822744	37.482	0.318	29.28638	-95.7778
77445	11977	4989	4.59E+08	7003585	177.046	2.704	30.09993	-96.0656
77446	5217	967	16985916	0	6.558	0	30.08683	-95.9905
77447	11872	4252	2.59E+08	5326309	99.875	2.056	30.04762	-95.8337

77448	341	149	16411763	38063	6.337	0.015	29.41645	-96.0854
77449	94382	29238	77407272	405971	29.887	0.157	29.83756	-95.7338
77450	71889	25207	52706421	1040250	20.35	0.402	29.74568	-95.7421
77451	77	45	2993328	24058	1.156	0.009	29.43498	-96.0046
77453	301	107	30106577	178589	11.624	0.069	29.21377	-95.9999
77454	217	90	50770142	142159	19.602	0.055	29.52222	-96.2187
77455	2045	857	5.46E+08	1823656	210.879	0.704	29.13261	-96.4266
77456	1303	577	1.36E+08	799801	52.454	0.309	29.04002	-96.0608
77457	651	1085	26169582	3868668	10.104	1.494	28.73116	-95.8819
77458	468	182	93936365	643855	36.269	0.249	28.95122	-96.2371
77459	56274	19287	84895370	4166362	32.778	1.609	29.52906	-95.5306
77460	73	33	1797919	0	0.694	0	29.39745	-96.3845
77461	10679	4017	3.83E+08	6766761	147.839	2.613	29.38258	-95.807
77464	221	92	4779053	13886	1.845	0.005	29.59243	-95.9553
77465	7161	3712	5.04E+08	36347934	194.772	14.034	28.76346	-96.2304
77466	690	264	29942960	192992	11.561	0.075	29.79269	-96.0122
77467	57	33	63793093	33971	24.631	0.013	29.20117	-96.1015
77468	131	73	49740368	147089	19.205	0.057	29.13267	-95.9411
77469	35321	11767	3.39E+08	16275290	130.752	6.284	29.48268	-95.6802
77470	338	197	73978387	1025660	28.563	0.396	29.53716	-96.5462
77471	35241	12687	2.23E+08	4491069	86.293	1.734	29.5484	-95.8617
77473	97	43	303620	0	0.117	0	29.79515	-96.1077
77474	12782	5233	5.39E+08	10031858	208.036	3.873	29.78011	-96.1812
77475	773	488	61521039	1235121	23.753	0.477	29.48862	-96.6525
77476	313	144	13324210	564528	5.145	0.218	29.68761	-95.9523
77477	35897	13682	27077487	231440	10.455	0.089	29.62431	-95.568
77478	24739	9371	25191938	1606621	9.727	0.62	29.62031	-95.6057
77479	74514	24980	85627045	4020265	33.061	1.552	29.567	-95.636
77480	8097	3357	3.69E+08	7541387	142.335	2.912	29.08632	-95.7667
77481	35	13	20715931	636973	7.998	0.246	29.47342	-95.5581
77482	2307	937	1.53E+08	955327	59.163	0.369	29.09242	-95.9036
77483	311	233	93669401	17241182	36.166	6.657	28.78848	-95.8393
77484	11068	4357	4.01E+08	1482790	154.836	0.573	30.07959	-95.9323
77485	4054	1769	2.16E+08	5424933	83.334	2.095	29.63273	-96.0551
77486	6851	2992	1.23E+08	3357783	47.49	1.296	29.15562	-95.6835
77488	14148	6220	5.62E+08	5974763	216.982	2.307	29.30722	-96.0913
77489	35554	12085	29100217	550133	11.236	0.212	29.60043	-95.5155
77493	23104	7643	1.49E+08	1434171	57.697	0.554	29.85322	-95.8315
77494	61600	20283	1.06E+08	791578	40.777	0.306	29.74063	-95.8296
77498	49906	15554	40104373	1655396	15.484	0.639	29.64359	-95.6533
77502	37995	12079	14541491	0	5.615	0	29.67952	-95.1998
77503	24251	8883	22174586	1024652	8.562	0.396	29.70348	-95.1589
77504	24529	9883	14299172	87892	5.521	0.034	29.64792	-95.1898
77505	23223	8881	23708778	174798	9.154	0.067	29.64564	-95.1403
77506	35977	12156	23704366	3810545	9.152	1.471	29.71392	-95.1997
77507	0	0	36113651	1281774	13.944	0.495	29.62455	-95.0635
77510	13731	5478	76091764	496913	29.379	0.192	29.36043	-95.0874

77511	46627	17688	4.11E+08	3574798	158.523	1.38	29.38086	-95.2419
77514	4942	2179	5.65E+08	28982194	218.058	11.19	29.7003	-94.6032
77515	30309	11330	5.31E+08	24908247	204.837	9.617	29.17492	-95.4501
77517	5315	2024	52206320	388305	20.157	0.15	29.36447	-95.1311
77518	8673	3427	7114003	443289	2.747	0.171	29.50716	-94.9872
77519	1191	513	1.07E+08	603735	41.413	0.233	30.23289	-94.5872
77520	36489	14316	62010184	35480073	23.942	13.699	29.73328	-94.9941
77521	49507	19637	1.07E+08	1152382	41.473	0.445	29.80244	-94.9702
77523	17031	6064	2.33E+08	27306248	90.007	10.543	29.78952	-94.8591
77530	31086	9822	34079270	9788110	13.158	3.779	29.78591	-95.1172
77531	15639	6394	50930385	2552519	19.664	0.986	29.04683	-95.3922
77532	26236	9887	2.03E+08	12262531	78.413	4.735	29.93287	-95.0572
77533	1022	451	66606384	63644	25.717	0.025	30.08717	-94.5996
77534	2863	1055	93213680	3935656	35.99	1.52	29.23153	-95.3143
77535	31295	10512	8.13E+08	8718203	313.992	3.366	30.05444	-94.922
77536	30690	11157	32410620	1386031	12.514	0.535	29.69846	-95.1213
77538	934	370	3.77E+08	2182277	145.638	0.843	29.98392	-94.5274
77539	38806	15386	1.31E+08	7904113	50.389	3.052	29.45677	-95.0311
77541	17412	8443	3.06E+08	76418486	118.066	29.505	29.02122	-95.2783
77545	19431	6125	31547553	440033	12.181	0.17	29.5373	-95.4746
77546	47636	17268	68305675	392013	26.373	0.151	29.51507	-95.1921
77547	9735	2945	6904819	478895	2.666	0.185	29.73588	-95.2382
77550	23043	14615	19443309	2903896	7.507	1.121	29.31054	-94.7758
77551	17753	10330	9878527	2364008	3.814	0.913	29.27819	-94.8333
77554	8863	9546	91697857	74238449	35.405	28.664	29.25317	-94.9247
77560	1005	406	81165723	445869	31.338	0.172	29.86855	-94.603
77561	53	30	1406299	0	0.543	0	30.16651	-94.7354
77562	10459	4095	38443929	8715746	14.843	3.365	29.83254	-95.0509
77563	9103	4421	1.36E+08	19707897	52.502	7.609	29.30356	-95.0323
77564	1988	875	1.36E+08	415258	52.543	0.16	30.19127	-94.6709
77565	5790	2913	9841180	1825556	3.8	0.705	29.53594	-95.0264
77566	28739	11891	61204176	11131605	23.631	4.298	29.05046	-95.4758
77568	14308	6153	32551450	1715328	12.568	0.662	29.36316	-94.9801
77571	35666	13658	90520025	16288935	34.95	6.289	29.68843	-95.0573
77573	71580	26951	78141725	3394688	30.171	1.311	29.50379	-95.0873
77575	15949	6472	6.2E+08	17226523	239.479	6.651	30.07566	-94.7334
77577	1368	625	51780672	509057	19.993	0.197	29.28454	-95.2815
77578	12672	4613	96568416	166211	37.285	0.064	29.48146	-95.3614
77580	312	113	8015644	47559	3.095	0.018	29.87169	-94.8653
77581	42383	15969	66686482	113542	25.748	0.044	29.56155	-95.2797
77583	28531	7366	4.32E+08	8352515	166.83	3.225	29.3814	-95.47
77584	70228	25184	83119298	201579	32.093	0.078	29.54533	-95.3501
77585	1014	482	2.72E+08	736829	104.926	0.284	30.29524	-94.5248
77586	20970	9487	33634002	6117829	12.986	2.362	29.58382	-95.0362
77587	16568	5156	7689262	1183	2.969	0	29.66103	-95.2298
77590	30374	12489	45679336	3181462	17.637	1.228	29.3914	-94.9201
77591	13131	5806	27963673	692821	10.797	0.267	29.3992	-94.9973

77597	777	357	56379262	26824368	21.768	10.357	29.83621	-94.702
77598	23059	11956	31342292	515898	12.101	0.199	29.53864	-95.1361
77611	8219	3785	62436857	17899121	24.107	6.911	30.01444	-93.8282
77612	8901	3860	9E+08	3031327	347.61	1.17	30.40198	-93.9224
77613	1218	547	98498414	844193	38.03	0.326	30.05205	-94.3608
77614	603	277	26550011	243893	10.251	0.094	30.30118	-93.7746
77615	1012	424	39769576	1866306	15.355	0.721	30.327	-94.052
77616	1136	561	1.35E+08	946424	52.263	0.365	30.56685	-94.1793
77617	73	112	14961475	3572674	5.777	1.379	29.50687	-94.5201
77619	16147	7041	15465148	275419	5.971	0.106	29.94752	-93.9186
77622	1390	567	58132021	846447	22.445	0.327	29.86214	-94.2884
77623	448	232	40636963	3438854	15.69	1.328	29.56034	-94.4144
77624	856	414	1.57E+08	189287	60.606	0.073	30.68501	-94.2918
77625	8489	3594	8.01E+08	3226999	309.363	1.246	30.37723	-94.3739
77627	21454	9460	27407190	5564531	10.582	2.148	29.98679	-94.0094
77629	877	364	1.65E+08	766559	63.734	0.296	29.97984	-94.4031
77630	26796	12422	2.35E+08	33494238	90.605	12.932	30.07174	-93.865
77632	22776	9346	3.42E+08	9599858	132.144	3.707	30.20144	-93.8045
77640	16875	8395	99822657	87795934	38.542	33.898	29.88161	-93.9409
77642	37111	15240	50975851	4740477	19.682	1.83	29.95802	-93.8919
77650	1896	2362	54502790	6796307	21.044	2.624	29.4265	-94.6857
77651	13043	5569	32066341	4584292	12.381	1.77	29.98597	-93.9558
77655	356	178	1.22E+08	29555590	47.039	11.411	29.7105	-93.9379
77656	17110	7256	4.07E+08	5912956	157.284	2.283	30.41477	-94.1737
77657	20003	7864	1.66E+08	3631203	64.074	1.402	30.22802	-94.1972
77659	4910	2016	3.02E+08	2726449	116.509	1.053	30.17076	-94.4296
77660	1437	684	1.44E+08	1564878	55.591	0.604	30.64982	-94.1408
77661	962	367	1.05E+08	537403	40.524	0.207	29.75163	-94.4207
77662	27035	11038	3.6E+08	14964284	139.104	5.778	30.17794	-94.0182
77663	1353	676	56102831	1023026	21.661	0.395	30.5134	-94.3923
77664	2681	1261	4.2E+08	414534	162.151	0.16	30.60144	-94.4138
77665	6446	2487	3.49E+08	2833218	134.67	1.094	29.813	-94.4161
77701	14674	6207	17883272	665051	6.905	0.257	30.07305	-94.1055
77702	2893	1404	3207699	0	1.238	0	30.08627	-94.1283
77703	15006	6369	34270346	1952116	13.232	0.754	30.13689	-94.1113
77705	40475	11439	6.14E+08	41827544	237.254	16.15	29.89803	-94.1612
77706	28258	13626	29215797	66336	11.28	0.026	30.10229	-94.1734
77707	17080	6865	38280414	347174	14.78	0.134	30.05343	-94.1707
77708	11518	4963	18330830	213750	7.078	0.083	30.14502	-94.1604
77713	12788	5761	2.58E+08	3524330	99.66	1.361	30.06507	-94.2522
77801	15449	7158	8321605	175945	3.213	0.068	30.63929	-96.3625
77802	23288	10995	30417659	0	11.744	0	30.66125	-96.3226
77803	30252	9802	33294879	3553	12.855	0.001	30.68105	-96.3861
77807	9699	3611	2.49E+08	4165560	96.287	1.608	30.67769	-96.4836
77808	10634	4245	6.47E+08	4554975	249.997	1.759	30.79774	-96.3121
77830	2534	1321	4.88E+08	12782270	188.573	4.935	30.52799	-96.0114
77831	3426	1726	5.66E+08	5922144	218.692	2.287	30.72671	-95.9039

77833	27492	11915	8.13E+08	16869945	313.717	6.514	30.21508	-96.4103
77835	2351	1501	2.91E+08	18979491	112.286	7.328	30.19364	-96.588
77836	11896	5595	1.14E+09	15325653	441.286	5.917	30.54157	-96.6762
77837	1587	915	2.7E+08	2839340	104.375	1.096	31.00311	-96.689
77840	56171	22548	29009670	0	11.201	0	30.60909	-96.326
77845	48938	19141	3.82E+08	3917111	147.539	1.512	30.56139	-96.2726
77853	953	539	1.31E+08	267237	50.556	0.103	30.35482	-96.8402
77855	238	166	66849600	206065	25.811	0.08	31.13244	-96.1392
77856	5096	2835	1.02E+09	5855582	393.329	2.261	31.0758	-96.4258
77857	757	373	1.58E+08	1173865	61.166	0.453	30.78525	-96.7061
77859	6981	3117	4.39E+08	3807842	169.691	1.47	30.87191	-96.5269
77861	2506	1186	3.3E+08	9881659	127.327	3.815	30.72609	-96.0964
77864	7647	3183	5.2E+08	5852380	200.66	2.26	30.95367	-95.9053
77865	1798	1034	3.65E+08	1242412	140.876	0.48	31.23588	-96.2293
77867	105	42	32634636	115895	12.6	0.045	30.743	-96.5484
77868	15511	5432	7.03E+08	9356999	271.367	3.613	30.36929	-96.0548
77871	3368	1930	5.12E+08	4254743	197.645	1.643	31.06417	-96.1269
77872	1716	837	1.95E+08	2239988	75.378	0.865	30.872	-96.1466
77873	1292	656	2.09E+08	1297310	80.791	0.501	30.56906	-95.8077
77876	197	107	26915190	280775	10.392	0.108	30.59923	-95.8747
77878	475	250	64884806	501216	25.052	0.194	30.4713	-96.4381
77879	4670	2912	4.86E+08	30342305	187.488	11.715	30.39861	-96.4979
77880	1879	1007	2.47E+08	4943305	95.321	1.909	30.28694	-96.1894
77901	41548	16779	51231891	0	19.781	0	28.80495	-96.9847
77904	25002	10427	3.12E+08	274829	120.649	0.106	28.93825	-97.0204
77905	13981	5712	1.09E+09	21322114	419.791	8.233	28.73157	-97.043
77950	197	179	2.22E+08	6956235	85.609	2.686	28.29115	-96.8991
77951	2616	1035	61215598	871363	23.635	0.336	28.63439	-96.901
77954	11506	4724	9.58E+08	1811763	370.035	0.7	29.09704	-97.2824
77957	8187	3753	9.79E+08	13097448	378.019	5.057	29.04242	-96.6897
77960	121	51	43910330	100674	16.954	0.039	28.67673	-97.1987
77961	183	99	1.05E+08	126505	40.614	0.049	28.85788	-96.3539
77962	3286	1360	4.26E+08	29375328	164.662	11.342	29.02093	-96.4898
77963	5459	2792	1.68E+09	9044458	647.417	3.492	28.65246	-97.4058
77964	7569	4337	1.5E+09	1554510	579.316	0.6	29.38004	-96.8362
77968	2774	1110	4.64E+08	204571	178.963	0.079	28.90509	-96.8291
77969	154	100	74695385	1854152	28.84	0.716	28.77516	-96.6589
77970	295	147	1.16E+08	527548	44.954	0.204	28.84663	-96.4288
77971	911	361	1.57E+08	3786386	60.706	1.462	28.83326	-96.5216
77973	50	27	1.12E+08	1325523	43.392	0.512	28.54366	-96.9711
77974	455	220	66529527	37584	25.687	0.015	28.89158	-97.3103
77975	1860	1089	2.06E+08	153325	79.422	0.059	29.5649	-97.0838
77976	126	60	56160777	25568	21.684	0.01	28.95412	-97.1227
77977	718	280	22332006	0	8.622	0	28.69556	-96.7942
77978	743	382	26992579	81912670	10.422	31.627	28.66711	-96.571
77979	17144	7643	8.83E+08	3.42E+08	340.973	131.986	28.60972	-96.6094
77982	1253	1723	33189469	7109281	12.815	2.745	28.44464	-96.4918

77983	2209	1370	2.92E+08	63626152	112.855	24.566	28.42963	-96.5742
77984	4295	2269	4.04E+08	435105	155.936	0.168	29.45333	-97.1919
77987	161	102	12207475	0	4.713	0	29.34257	-97.0757
77988	326	169	3708662	0	1.432	0	28.83905	-96.8896
77990	699	480	2.83E+08	87145827	109.383	33.647	28.48298	-96.9288
77991	357	142	55955600	3262468	21.605	1.26	28.79866	-96.6146
77993	148	91	38607984	0	14.907	0	28.85773	-97.4286
77994	321	236	1.35E+08	247418	52.229	0.096	29.17819	-97.4708
77995	9567	4379	9.24E+08	1381792	356.846	0.534	29.20234	-97.0763
78001	33	32	93658144	625529	36.162	0.242	28.29317	-99.2143
78002	8255	2813	1.08E+08	1264561	41.524	0.488	29.28304	-98.7373
78003	8689	4653	5.85E+08	5746988	225.741	2.219	29.70722	-99.0952
78004	1183	481	68040558	19264	26.271	0.007	29.90326	-98.5564
78005	817	433	4.61E+08	371677	178.168	0.144	28.94174	-98.8513
78006	27558	11424	8.08E+08	1480485	311.823	0.572	29.85922	-98.7063
78007	151	111	65803291	28108701	25.407	10.853	28.498	-98.3688
78008	345	287	4.89E+08	1339612	188.77	0.517	28.72114	-98.2813
78009	7255	2860	1.85E+08	937814	71.495	0.362	29.35725	-98.8867
78010	3386	1562	1.9E+08	1075720	73.275	0.415	29.90203	-99.0377
78011	2082	899	4.94E+08	579968	190.623	0.224	28.79092	-98.7176
78012	436	202	86248092	222512	33.301	0.086	28.76454	-98.486
78013	5930	2592	5.96E+08	815423	230.257	0.315	29.97231	-98.9047
78014	4987	2243	2.72E+09	15815841	1048.294	6.107	28.37528	-99.1356
78015	9602	3622	54172872	59737	20.916	0.023	29.74768	-98.6503
78016	9630	3816	4.11E+08	1827432	158.765	0.706	29.17158	-98.9674
78017	4787	1569	9.65E+08	719046	372.464	0.278	28.7034	-99.1912
78019	1855	466	2.5E+09	4846373	967.012	1.871	28.04168	-99.3992
78021	126	122	7.4E+08	2911097	285.891	1.124	28.49643	-98.8203
78022	4627	2254	1.14E+09	4747734	439.185	1.833	28.25748	-98.1431
78023	24334	8359	1.93E+08	485931	74.517	0.188	29.60991	-98.7468
78024	1436	970	6.76E+08	1700136	260.891	0.656	30.02692	-99.508
78025	4956	2417	1.14E+08	1116780	43.921	0.431	30.08184	-99.283
78026	5861	2435	5.62E+08	1150105	216.884	0.444	28.82102	-98.6101
78027	459	245	2.05E+08	12404	79.059	0.005	29.96907	-98.5392
78028	37620	17738	6.49E+08	4220252	250.675	1.629	30.0367	-99.163
78029	0	0	23694	0	0.009	0	30.15914	-99.345
78039	1657	670	47562028	220042	18.364	0.085	29.31215	-98.8348
78040	42083	13508	16316962	325514	6.3	0.126	27.51381	-99.5021
78041	44153	14232	47449018	3047769	18.32	1.177	27.5454	-99.462
78043	42713	12684	4.53E+08	5326585	174.735	2.057	27.55699	-99.2672
78044	648	308	5.44E+08	1706011	210.024	0.659	27.75175	-99.1261
78045	54713	16209	1.87E+09	9733039	723.528	3.758	27.83351	-99.6855
78046	64548	15724	6.37E+08	5037510	245.941	1.945	27.37354	-99.3506
78050	767	284	13862351	0	5.352	0	29.07055	-98.4818
78052	6388	2281	98193838	285316	37.913	0.11	29.20368	-98.7767
78055	1774	1069	6.14E+08	1949198	237.043	0.753	29.83033	-99.3314
78056	1917	1032	2.61E+08	8757537	100.81	3.381	29.53703	-98.9339

78057	871	459	2.55E+08	151549	98.487	0.059	29.03728	-99.0011
78058	1256	838	1.44E+09	1589669	555.76	0.614	30.09512	-99.6282
78059	5387	2017	1.06E+08	410870	40.909	0.159	29.1998	-98.8422
78060	37	19	1018944	0	0.393	0	28.4468	-98.1071
78061	11031	3535	1.43E+09	1351245	553.172	0.522	28.89086	-99.1418
78063	9227	5132	3.15E+08	11544203	121.564	4.457	29.68969	-98.9112
78064	14102	5649	6.07E+08	909573	234.533	0.351	28.93578	-98.429
78065	10831	4046	4.32E+08	255652	166.791	0.099	29.07985	-98.6423
78066	591	254	66162110	336705	25.545	0.13	29.50106	-98.8535
78067	916	533	3.74E+08	6581582	144.413	2.541	27.12823	-99.3308
78069	5137	1780	84333597	62945	32.561	0.024	29.18623	-98.6809
78070	14618	5884	3.57E+08	3683342	137.703	1.422	29.89476	-98.391
78071	4248	1622	9.3E+08	48416539	358.905	18.694	28.47028	-98.2264
78072	505	324	2.23E+09	14654094	860.46	5.658	28.31035	-98.5732
78073	8171	2877	1.35E+08	1236831	51.943	0.478	29.24392	-98.6224
78075	123	92	3.45E+08	1443579	133.111	0.557	28.62269	-98.3694
78076	12612	5257	1.24E+09	1.08E+08	477.708	41.533	26.93093	-99.1628
78101	7898	2971	1.33E+08	1006950	51.269	0.389	29.35355	-98.2383
78102	27593	8675	1.21E+09	36595	469.003	0.014	28.40771	-97.7106
78104	175	92	60011041	33536	23.17	0.013	28.52254	-97.762
78107	360	232	3E+08	89050	115.765	0.034	28.56828	-97.5792
78108	27770	9748	79945206	185670	30.867	0.072	29.575	-98.2206
78109	34603	12054	54143166	693994	20.905	0.268	29.48777	-98.2915
78112	7941	2743	1.31E+08	6003519	50.515	2.318	29.21441	-98.3709
78113	2435	1222	7.28E+08	6218287	281.124	2.401	28.86703	-98.2404
78114	20103	7759	9.5E+08	4879176	366.891	1.884	29.11472	-98.2087
78116	390	266	3.17E+08	2695855	122.202	1.041	29.11083	-97.7593
78117	545	287	1.38E+08	1762666	53.343	0.681	28.93834	-97.9236
78118	3976	1640	4.69E+08	3466514	181.237	1.338	28.80064	-98.0629
78119	7680	2387	8.46E+08	3441661	326.69	1.329	28.73341	-97.895
78121	11381	4236	2.66E+08	827503	102.756	0.32	29.35039	-98.107
78122	418	247	1.31E+08	316282	50.496	0.122	29.42892	-97.7358
78123	2397	1262	10137779	929566	3.914	0.359	29.60045	-98.0476
78124	5609	2196	1.47E+08	57482	56.948	0.022	29.55727	-98.1469
78125	96	73	76198398	20185	29.42	0.008	28.5409	-97.957
78130	59546	24291	2.39E+08	3190302	92.336	1.232	29.69688	-98.0707
78132	19139	7581	4.81E+08	1804586	185.574	0.697	29.75882	-98.1905
78133	16269	9397	2.17E+08	31847267	83.637	12.296	29.88909	-98.2446
78140	3380	1486	3.76E+08	1509355	145.029	0.583	29.33376	-97.7655
78141	596	366	1.54E+08	296579	59.443	0.115	28.91414	-97.6326
78142	119	68	14539013	0	5.614	0	28.53663	-97.8105
78143	85	40	4528838	9910	1.749	0.004	29.25866	-97.8512
78144	45	18	5820247	50575	2.247	0.02	28.95224	-97.8872
78145	103	49	9489980	0	3.664	0	28.64518	-97.9941
78146	771	305	1E+08	0	38.73	0	28.60314	-97.8385
78147	1919	729	8970503	76029	3.464	0.029	29.07345	-98.0804
78148	20139	8591	24407795	151993	9.424	0.059	29.54381	-98.2954

78150	11	0	410362	813	0.158	0	29.52597	-98.2775
78151	1347	723	2.71E+08	1076489	104.508	0.416	28.86448	-97.7053
78152	2294	931	94905800	812026	36.643	0.314	29.43659	-98.2051
78154	30347	11683	85118681	632684	32.865	0.244	29.54707	-98.2626
78155	45341	18039	9.18E+08	3963012	354.566	1.53	29.54277	-97.9371
78159	1023	505	4.02E+08	472760	155.22	0.183	29.23177	-97.5907
78160	4273	1911	4.72E+08	2140262	182.15	0.826	29.2418	-97.9225
78161	864	361	33169615	169575	12.807	0.065	29.2935	-98.057
78162	375	181	80738501	0	31.173	0	28.58996	-97.7735
78163	9838	3745	2E+08	286093	77.148	0.11	29.76947	-98.4532
78164	3796	2102	7.32E+08	673726	282.576	0.26	28.98256	-97.5207
78201	45307	18396	18314379	337302	7.071	0.13	29.46841	-98.5289
78202	11691	4714	6020566	0	2.325	0	29.42817	-98.4609
78203	6099	2333	3330076	0	1.286	0	29.4151	-98.4591
78204	11125	4333	6822073	178382	2.634	0.069	29.4044	-98.505
78205	1453	1090	3086345	11844	1.192	0.005	29.42395	-98.4864
78207	55514	17587	18809822	691879	7.263	0.267	29.4224	-98.5259
78208	3736	1581	2548039	4511	0.984	0.002	29.43993	-98.4587
78209	39197	20015	26380171	71801	10.185	0.028	29.48891	-98.4562
78210	36865	14267	19261959	118406	7.437	0.046	29.39578	-98.4644
78211	31944	10286	26621935	57232	10.279	0.022	29.34254	-98.5701
78212	28415	13137	17504379	9930	6.758	0.004	29.46461	-98.4937
78213	40396	17777	20730102	10941	8.004	0.004	29.5164	-98.523
78214	23341	8395	34734732	443271	13.411	0.171	29.32479	-98.47
78215	1150	718	2904727	0	1.122	0	29.44123	-98.4805
78216	40267	20120	37019478	140374	14.293	0.054	29.53726	-98.4879
78217	32165	15550	27179155	348678	10.494	0.135	29.53807	-98.4152
78218	31917	13900	30625578	50590	11.825	0.02	29.49163	-98.3971
78219	15225	5890	35522960	301057	13.715	0.116	29.44665	-98.3874
78220	15965	6446	24039165	54833	9.282	0.021	29.41815	-98.3943
78221	35990	12326	78777065	4516406	30.416	1.744	29.27828	-98.4791
78222	19408	7351	56693846	1239265	21.89	0.478	29.35494	-98.3719
78223	50637	19205	1.07E+08	4005360	41.411	1.546	29.31191	-98.3909
78224	17601	5539	57289801	343261	22.12	0.133	29.30547	-98.5311
78225	13025	4736	5082315	0	1.962	0	29.38799	-98.526
78226	6648	3087	18488195	39194	7.138	0.015	29.38378	-98.5699
78227	46077	15919	35752347	159645	13.804	0.062	29.40662	-98.6303
78228	58811	20497	28315693	214135	10.933	0.083	29.46065	-98.5713
78229	28804	16311	14879257	22717	5.745	0.009	29.50171	-98.5695
78230	39089	19136	26846023	182153	10.365	0.07	29.54529	-98.5566
78231	7906	3380	10014566	767	3.867	0	29.57854	-98.5419
78232	35120	16364	31136563	106491	12.022	0.041	29.58864	-98.4746
78233	43710	17406	34013576	257773	13.133	0.1	29.55604	-98.3603
78234	7126	924	11775739	8841	4.547	0.003	29.4606	-98.4386
78235	357	159	2713808	8056	1.048	0.003	29.34525	-98.4439
78236	10392	232	24485783	5408	9.454	0.002	29.39128	-98.6187
78237	36929	11904	19089886	69098	7.371	0.027	29.42113	-98.5709

78238	23514	9914	24885678	13643	9.608	0.005	29.47146	-98.6178
78239	28736	10912	17190359	41275	6.637	0.016	29.51864	-98.363
78240	51111	25099	29307867	32894	11.316	0.013	29.52502	-98.6066
78242	31395	9734	20232556	219262	7.812	0.085	29.3504	-98.6071
78243	235	1	1269229	3786	0.49	0.001	29.37144	-98.5934
78244	30757	10457	24167498	354645	9.331	0.137	29.47415	-98.3481
78245	56511	18749	86038837	277755	33.22	0.107	29.40089	-98.7307
78247	49176	18451	42513131	137921	16.414	0.053	29.58586	-98.4068
78248	13638	5716	10152227	6774	3.92	0.003	29.59003	-98.5253
78249	49951	19368	38478092	159488	14.856	0.062	29.56527	-98.6192
78250	54903	19350	24896848	13817	9.613	0.005	29.50345	-98.6646
78251	49435	18782	39312363	79687	15.179	0.031	29.46201	-98.6768
78252	7372	1738	89550274	1999939	34.576	0.772	29.34134	-98.7056
78253	29007	9817	1.41E+08	179785	54.314	0.069	29.46881	-98.7977
78254	44817	15250	70073843	145475	27.056	0.056	29.53778	-98.7348
78255	10826	4098	47411732	57482	18.306	0.022	29.65235	-98.6562
78256	6855	3147	22503004	35991	8.688	0.014	29.62473	-98.624
78257	3950	1931	1.01E+08	450060	38.924	0.174	29.66049	-98.5835
78258	40586	15921	41112464	17973	15.874	0.007	29.6341	-98.4974
78259	22660	8360	35667290	89805	13.771	0.035	29.62721	-98.4271
78260	24844	8665	57400269	133839	22.162	0.052	29.69745	-98.4867
78261	13513	4870	77351033	91473	29.865	0.035	29.69051	-98.4018
78263	4673	1799	94885435	10755909	36.635	4.153	29.36476	-98.305
78264	12339	4206	1.71E+08	330842	65.978	0.128	29.20006	-98.4927
78266	5591	2120	97347173	856714	37.586	0.331	29.6562	-98.3391
78330	878	316	45283198	0	17.484	0	27.74263	-97.9157
78332	28710	11023	1.29E+09	2616898	499.777	1.01	27.726	-98.1355
78335	4	4	633209	0	0.244	0	27.87303	-97.0922
78336	11949	6067	1.27E+08	31624523	49.005	12.21	27.92691	-97.1778
78338	37	32	60788672	36103	23.471	0.014	26.91101	-97.7738
78339	632	234	2575425	0	0.994	0	27.80506	-97.7922
78340	379	298	56128247	38154276	21.671	14.731	28.1207	-97.1969
78341	1760	995	6.35E+08	19852	245.12	0.008	27.63442	-98.4967
78342	386	152	4633707	0	1.789	0	27.65992	-98.0757
78343	4525	1851	4.28E+08	1149313	165.175	0.444	27.62212	-97.7514
78344	474	217	3.12E+08	0	120.433	0	27.48004	-98.8647
78349	505	361	3.27E+08	235296	126.274	0.091	27.37349	-98.2855
78351	621	218	5555498	0	2.145	0	27.67315	-97.7597
78352	179	88	4071784	0	1.572	0	27.96292	-97.679
78353	433	288	5.26E+08	83344	203.007	0.032	26.88052	-98.2162
78355	7081	3081	8.87E+08	568225	342.433	0.219	27.19407	-98.2073
78357	3161	1478	7.91E+08	392640	305.225	0.152	27.83592	-98.629
78358	709	481	1363582	8782	0.526	0.003	28.06797	-97.0422
78359	1944	711	6727677	0	2.598	0	27.92382	-97.287
78361	5350	2526	3.01E+09	1026064	1160.639	0.396	27.10045	-98.79
78362	9447	3891	49110914	1642558	18.962	0.634	27.86794	-97.203
78363	30463	11921	3.96E+08	6176433	152.872	2.385	27.4442	-97.8656

78368	9227	4317	5.6E+08	56712614	216.341	21.897	28.10325	-97.808
78369	444	234	2.69E+08	56507	103.995	0.022	27.36513	-98.9967
78370	4877	1794	2.4E+08	9087388	92.817	3.509	27.94813	-97.5987
78371	404	254	5.57E+08	1830931	215.184	0.707	27.61526	-98.9464
78372	5452	2350	5.55E+08	52972	214.257	0.02	27.98624	-98.0602
78373	3585	4350	43104051	53163529	16.643	20.527	27.77744	-97.115
78374	16620	6482	1.23E+08	1110963	47.65	0.429	27.89213	-97.3842
78375	3352	1425	2.67E+08	67164	102.96	0.026	27.39631	-98.1713
78376	554	323	6.31E+08	317253	243.646	0.122	27.42135	-98.5143
78377	3821	1814	1.19E+09	46628923	458.813	18.004	28.35173	-97.1548
78379	1585	861	2.11E+08	24610450	81.358	9.502	27.30661	-97.7804
78380	23141	8465	8.7E+08	5002155	335.925	1.931	27.79125	-97.7421
78382	19364	13152	2.61E+08	1.77E+08	100.74	68.271	28.13263	-97.0621
78383	3539	2106	3.96E+08	18150762	152.878	7.008	28.09316	-97.9629
78384	6640	2591	1.18E+09	3935767	455.949	1.52	27.84956	-98.3858
78385	277	113	5.3E+08	5377711	204.638	2.076	27.13915	-97.9014
78387	9574	3706	5.55E+08	1097711	214.445	0.424	28.1216	-97.553
78389	1541	679	3.3E+08	685	127.42	0	28.24619	-97.6509
78390	5616	2235	4.42E+08	14820868	170.723	5.722	27.99726	-97.3274
78391	325	132	44973028	6550	17.364	0.003	28.17958	-97.7084
78393	2379	1112	4.28E+08	1066077	165.378	0.412	28.18709	-97.3823
78401	5391	2379	5580455	920217	2.155	0.355	27.7978	-97.3991
78402	536	496	2838614	0	1.096	0	27.81942	-97.3925
78404	17236	7842	8046151	0	3.107	0	27.76802	-97.3991
78405	16867	6289	13154232	0	5.079	0	27.77425	-97.4388
78406	1413	357	33349400	0	12.876	0	27.77124	-97.5188
78407	2955	1314	10475667	1705880	4.045	0.659	27.8107	-97.4404
78408	12061	4689	11495250	0	4.438	0	27.79499	-97.4468
78409	2939	1154	30721846	0	11.862	0	27.80947	-97.5229
78410	26387	9842	59058217	908885	22.803	0.351	27.83825	-97.5963
78411	28024	11653	15526662	14966	5.995	0.006	27.72989	-97.3852
78412	36003	15470	22786171	5774173	8.798	2.229	27.70357	-97.345
78413	36953	15862	20785270	136772	8.025	0.053	27.68328	-97.4063
78414	30165	11985	37156986	1930516	14.346	0.745	27.66251	-97.3714
78415	39271	14265	2.68E+08	258725	103.648	0.1	27.65787	-97.4798
78416	15508	5540	7604013	0	2.936	0	27.75201	-97.4365
78417	4176	1373	23586912	0	9.107	0	27.73963	-97.4668
78418	29854	14739	1.13E+08	96186498	43.438	37.138	27.62712	-97.2692
78419	694	193	3332282	0	1.287	0	27.69515	-97.2694
78501	61219	22489	39730145	11292	15.34	0.004	26.21582	-98.2396
78503	21706	7188	44123957	429431	17.036	0.166	26.16234	-98.2487
78504	48703	16823	45796472	0	17.682	0	26.27197	-98.2366
78516	33722	11498	98519203	580317	38.038	0.224	26.14454	-98.1213
78520	59408	19417	94546258	6399421	36.505	2.471	25.96326	-97.5505
78521	93818	27808	2.41E+08	72283359	93.138	27.909	25.94392	-97.3179
78526	42460	12240	1.14E+08	4455378	44.028	1.72	25.98894	-97.4436
78535	581	196	3161926	10485	1.221	0.004	26.25283	-97.7436

78536	451	209	1.54E+08	0	59.629	0	26.64928	-98.4511
78537	39454	13395	1.62E+08	2459642	62.474	0.95	26.1619	-98.0587
78538	10657	3127	1.84E+08	9733741	71.01	3.758	26.37454	-97.9803
78539	30783	11206	34051125	156205	13.147	0.06	26.28069	-98.1833
78541	42431	13161	7.49E+08	1593369	289.039	0.615	26.45037	-98.2769
78542	63293	16056	4.4E+08	275540	169.858	0.106	26.45148	-98.092
78543	8447	2635	15411506	0	5.95	0	26.29738	-98
78545	555	270	34328514	6393919	13.254	2.469	26.58717	-99.1199
78548	675	233	10127733	0	3.91	0	26.27483	-98.6548
78549	990	325	71708987	268853	27.687	0.104	26.45467	-98.0359
78550	53152	19973	2.48E+08	2542165	95.609	0.982	26.25552	-97.6675
78552	34111	13636	1.27E+08	1032874	49.158	0.399	26.19687	-97.7505
78557	12547	3316	30180750	839573	11.653	0.324	26.11119	-98.2417
78558	882	242	3512984	0	1.356	0	26.30783	-98.0394
78559	12751	4726	91249977	2288215	35.232	0.883	26.14883	-97.8311
78560	4368	1376	34984336	2671622	13.508	1.032	26.24281	-98.4945
78561	779	214	4726336	103711	1.825	0.04	26.47744	-97.9215
78562	2868	588	65556130	2800684	25.311	1.081	26.29767	-97.9025
78563	376	159	6.73E+08	200842	259.841	0.078	26.65428	-98.26
78564	270	220	1.61E+08	36979489	62.107	14.278	26.6782	-99.1031
78565	402	176	13769183	1198381	5.316	0.463	26.25373	-98.5672
78566	16230	4770	2.98E+08	1.33E+08	114.959	51.525	26.14841	-97.3704
78567	533	203	4773427	22186	1.843	0.009	26.05271	-97.7405
78569	4039	1337	3.44E+08	2486756	132.783	0.96	26.36821	-97.7436
78570	32525	10191	1.93E+08	2261158	74.585	0.873	26.17452	-97.9126
78572	75221	28658	2.01E+08	2910747	77.526	1.124	26.22874	-98.3762
78573	34890	9749	88374788	131092	34.122	0.051	26.29643	-98.3
78574	57071	15155	1.52E+08	0	58.816	0	26.31891	-98.3701
78575	8056	2951	31914915	1374178	12.322	0.531	26.02176	-97.5261
78576	8775	2236	99561190	8234	38.441	0.003	26.32161	-98.4762
78577	70840	22936	82233396	275463	31.75	0.106	26.14968	-98.1897
78578	12516	6314	1.55E+08	66436180	59.883	25.651	26.05163	-97.3128
78579	4580	1177	21710228	282233	8.382	0.109	26.08318	-97.9621
78580	14963	4304	6.26E+08	17964647	241.675	6.936	26.48774	-97.739
78582	40455	12346	1.69E+09	4721196	651.05	1.823	26.54634	-98.7158
78583	6623	3225	2.29E+08	13083059	88.342	5.051	26.26136	-97.489
78584	18128	6140	6.17E+08	1631120	238.095	0.63	26.5733	-98.9659
78585	396	176	26168668	822781	10.104	0.318	26.53255	-99.113
78586	55878	17456	4.57E+08	20572203	176.313	7.943	26.10609	-97.6293
78588	238	127	1.01E+08	0	38.928	0	26.73786	-98.3972
78589	38004	10747	53855323	0	20.794	0	26.16784	-98.1548
78590	289	97	7137233	83730	2.756	0.032	26.50837	-97.6478
78591	265	132	3.23E+08	125027	124.789	0.048	26.58293	-98.5216
78592	836	265	9044594	371129	3.492	0.143	26.06201	-97.847
78593	6324	1954	1.01E+08	581674	38.945	0.225	26.27575	-97.8235
78594	1990	707	4797388	39130	1.852	0.015	26.34526	-97.7949
78595	6082	1692	38800301	0	14.981	0	26.2914	-98.5455

78596	63844	21949	1.54E+08	1944979	59.357	0.751	26.15862	-97.9892
78597	2885	6767	23321128	3.16E+08	9.004	121.906	26.235	-97.2718
78598	226	437	14624694	3796082	5.647	1.466	26.56931	-97.4423
78602	25160	9845	5.01E+08	9662778	193.595	3.731	30.12382	-97.3277
78605	4952	2013	4.24E+08	1027019	163.542	0.397	30.7733	-98.0452
78606	5205	2660	6.34E+08	1499742	244.597	0.579	30.08379	-98.4762
78607	166	208	31611226	12724055	12.205	4.913	30.82175	-98.4774
78608	434	237	99776750	365001	38.524	0.141	30.93601	-97.9346
78609	2012	1558	60788621	32525423	23.471	12.558	30.75972	-98.4383
78610	23502	8184	2.39E+08	919588	92.385	0.355	30.07851	-97.838
78611	12977	6280	7.19E+08	38087553	277.738	14.706	30.80072	-98.283
78612	11457	4274	2.43E+08	1463995	93.838	0.565	30.0941	-97.4951
78613	65099	24120	72746761	365945	28.088	0.141	30.50395	-97.8242
78614	456	236	1.31E+08	7445	50.389	0.003	29.41041	-97.5872
78615	1290	559	1.36E+08	1199396	52.47	0.463	30.46545	-97.3841
78616	7092	2573	2.85E+08	685975	109.919	0.265	29.94007	-97.5683
78617	22210	6027	1.8E+08	1188267	69.389	0.459	30.15099	-97.6073
78618	324	291	4.28E+08	390470	165.201	0.151	30.46516	-99.1562
78619	3026	1259	99103227	0	38.264	0	30.11192	-98.0336
78620	14367	5633	4.43E+08	1136277	171.007	0.439	30.22413	-98.1348
78621	21659	7955	4.84E+08	2480793	187.002	0.958	30.33858	-97.3612
78622	296	126	2139161	30818	0.826	0.012	29.75452	-97.7758
78623	813	428	53156808	84773	20.524	0.033	29.97114	-98.2282
78624	21513	10926	1.83E+09	6701956	708.041	2.588	30.28094	-98.8767
78626	25996	9146	2.41E+08	2001263	93.046	0.773	30.65912	-97.6182
78628	23727	9532	1.9E+08	3313804	73.382	1.279	30.64792	-97.7532
78629	11887	4989	1.1E+09	5603128	425.389	2.163	29.47695	-97.4489
78631	2395	1351	8.42E+08	488677	325.074	0.189	30.33977	-99.3066
78632	910	508	2.49E+08	505620	96.278	0.195	29.69611	-97.4707
78633	19349	9428	2.13E+08	3298238	82.269	1.273	30.74766	-97.7581
78634	22791	7884	1.65E+08	1051713	63.656	0.406	30.56004	-97.5461
78635	149	82	41284692	107773	15.94	0.042	30.18291	-98.5665
78636	3749	2019	9.06E+08	7174612	349.689	2.77	30.3152	-98.4235
78638	2005	923	2.97E+08	936770	114.562	0.362	29.6596	-97.7852
78639	7334	4666	1.14E+08	7114694	43.899	2.747	30.67282	-98.4427
78640	42954	13673	2.37E+08	2187541	91.662	0.845	29.9991	-97.8282
78641	44295	15749	3.28E+08	5229126	126.472	2.019	30.56255	-97.9079
78642	9467	3484	2.59E+08	1159094	100.097	0.448	30.69088	-97.9414
78643	6139	4003	1.82E+09	14702250	704.14	5.677	30.68854	-98.6899
78644	17081	6178	4.83E+08	1847143	186.615	0.713	29.87147	-97.6768
78645	9773	5698	81769244	16672062	31.571	6.437	30.45	-97.9718
78648	7683	3112	3.77E+08	1805638	145.517	0.697	29.69018	-97.6336
78650	1599	776	1.73E+08	488366	66.619	0.189	30.30389	-97.2189
78652	4466	1823	44786005	0	17.292	0	30.13281	-97.8747
78653	16375	5532	2.72E+08	1298449	104.973	0.501	30.3397	-97.5235
78654	17553	8662	5.18E+08	25967334	200.189	10.026	30.58122	-98.2087
78655	2739	1100	92420333	564687	35.684	0.218	29.816	-97.835

78656	2271	833	55560781	304458	21.452	0.118	29.90476	-97.8073
78657	5509	4381	1.02E+08	8414597	39.458	3.249	30.5309	-98.3778
78659	2903	1363	2.94E+08	1018576	113.617	0.393	30.20742	-97.1254
78660	68789	23950	1.17E+08	63757	45.297	0.025	30.43853	-97.5946
78661	335	128	6583869	177873	2.542	0.069	29.72833	-97.7564
78662	2268	1012	2.07E+08	96503	79.826	0.037	29.93207	-97.4117
78663	746	442	3.19E+08	1793889	123.085	0.693	30.40226	-98.3596
78664	52932	19894	42896074	243742	16.562	0.094	30.50175	-97.6472
78665	35985	12870	48574015	774191	18.755	0.299	30.54336	-97.6456
78666	63836	24433	4.57E+08	2434051	176.552	0.94	29.88016	-97.9662
78669	8731	4752	3.62E+08	23918120	139.632	9.235	30.43004	-98.1127
78670	168	75	7359124	94070	2.841	0.036	29.77395	-97.8167
78671	654	354	1.2E+08	1242706	46.514	0.48	30.21909	-98.6293
78672	931	936	34293215	9859899	13.241	3.807	30.85884	-98.4695
78675	188	142	1.95E+08	318760	75.251	0.123	30.43707	-98.7087
78676	12602	6393	4.38E+08	236329	168.973	0.091	30.03445	-98.1428
78677	92	42	66474013	0	25.666	0	29.34995	-97.5802
78681	50606	17971	56272290	398124	21.727	0.154	30.53436	-97.7256
78701	6841	5036	4225636	263055	1.632	0.102	30.27057	-97.7426
78702	21334	9032	12945838	491697	4.998	0.19	30.26338	-97.7145
78703	19690	10425	14451214	722351	5.58	0.279	30.29327	-97.7661
78704	42117	23575	22545278	286587	8.705	0.111	30.24303	-97.7651
78705	31340	11265	5687340	0	2.196	0	30.29433	-97.7385
78712	860	0	824715	0	0.318	0	30.28217	-97.731
78717	22538	9055	33330352	218230	12.869	0.084	30.49238	-97.7483
78719	1764	586	48311283	2110	18.653	0.001	30.1838	-97.6843
78721	11425	4153	9616066	46866	3.713	0.018	30.26997	-97.6836
78722	5901	3034	3922403	0	1.514	0	30.28996	-97.7147
78723	28330	12398	17971826	0	6.939	0	30.30427	-97.6857
78724	21696	6138	63183777	5117792	24.395	1.976	30.2971	-97.6178
78725	6083	1978	45515870	1828078	17.574	0.706	30.23028	-97.6085
78726	13122	5910	28152254	34415	10.87	0.013	30.43075	-97.8401
78727	26689	12984	22212535	879	8.576	0	30.42994	-97.7178
78728	20299	10240	21002465	47256	8.109	0.018	30.45267	-97.6894
78729	27108	13284	23892699	138740	9.225	0.054	30.4584	-97.7553
78730	7955	3647	37269755	1196694	14.39	0.462	30.37046	-97.8358
78731	24614	12984	22253088	551387	8.592	0.213	30.34824	-97.7681
78732	14060	5033	34322161	7904823	13.252	3.052	30.37789	-97.895
78733	8762	3122	29670128	711252	11.456	0.275	30.32103	-97.8848
78734	17655	8345	51899338	11131728	20.038	4.298	30.37835	-97.9512
78735	16131	7572	53222108	502	20.549	0	30.26814	-97.8692
78736	6946	2806	75077422	0	28.988	0	30.26108	-97.9594
78737	12081	4395	98923962	4561	38.195	0.002	30.19032	-97.957
78738	12134	4799	43968609	285113	16.976	0.11	30.31975	-97.9582
78739	16792	5537	29613883	0	11.434	0	30.17842	-97.8887
78741	44935	20500	19675268	557550	7.597	0.215	30.23048	-97.7141
78742	820	322	14853922	524663	5.735	0.203	30.24235	-97.6592

78744	42820	13720	55420088	12136	21.398	0.005	30.17701	-97.7259
78745	55614	25749	34577796	0	13.351	0	30.20684	-97.7974
78746	26928	11520	58258653	2362500	22.494	0.912	30.29542	-97.8084
78747	14808	5491	61578835	15434	23.776	0.006	30.12697	-97.74
78748	40651	16857	32825971	3309	12.674	0.001	30.16711	-97.824
78749	34449	14857	26078450	456	10.069	0	30.21617	-97.856
78750	26814	11723	34704358	577	13.399	0	30.41856	-97.8025
78751	14385	8375	6208225	0	2.397	0	30.31078	-97.7228
78752	18064	7944	8658632	0	3.343	0	30.33182	-97.7043
78753	49301	19630	28404279	0	10.967	0	30.38248	-97.6735
78754	15036	6492	34325144	7168	13.253	0.003	30.35566	-97.6447
78756	7194	4396	4329936	0	1.672	0	30.32223	-97.7402
78757	21310	10898	12731650	0	4.916	0	30.35154	-97.7326
78758	44072	19577	24044717	0	9.284	0	30.38798	-97.7069
78759	38891	20640	36045451	0	13.917	0	30.40265	-97.7611
78801	21780	8463	2.11E+09	7442110	814.985	2.873	29.3629	-99.8981
78802	242	92	31396828	85717	12.122	0.033	29.15101	-100.016
78827	1219	592	2.64E+08	1896467	101.94	0.732	28.42195	-99.733
78828	258	279	4.62E+08	1055715	178.514	0.408	29.86756	-100.019
78829	1207	523	1.35E+09	2638028	521.153	1.019	28.88875	-99.5627
78830	786	413	5.32E+08	1585143	205.54	0.612	28.5249	-99.5085
78832	3598	1932	2.81E+09	8629293	1084.772	3.332	29.39562	-100.44
78833	1299	824	6.3E+08	877800	243.124	0.339	29.6747	-100.079
78834	7829	3244	1.44E+09	5771497	556.712	2.228	28.45394	-99.9182
78836	128	84	5.5E+08	2043052	212.373	0.789	28.30164	-99.7043
78837	281	263	2.15E+09	36329490	829.648	14.027	29.83722	-101.212
78838	275	181	1.17E+08	773683	45.008	0.299	29.53664	-99.7469
78839	8578	3011	9.31E+08	4985246	359.341	1.925	28.71832	-99.8235
78840	48149	18118	2.46E+09	1.1E+08	951.464	42.64	29.7299	-100.881
78843	336	14	12444363	108314	4.805	0.042	29.35852	-100.777
78850	1145	590	6.97E+08	3697288	269.143	1.428	29.28529	-99.3292
78851	23	31	1.15E+09	40867	445.718	0.016	30.02807	-101.97
78852	53040	16910	1.48E+09	16051377	572.473	6.197	28.74522	-100.311
78860	229	105	1.31E+08	910522	50.509	0.352	28.4764	-100.277
78861	13701	4887	1.19E+09	3160706	460.36	1.22	29.42738	-99.1411
78870	984	455	3.06E+08	1839104	117.969	0.71	29.30382	-99.6308
78871	45	95	1.12E+09	5530581	432.772	2.135	30.00699	-101.655
78872	1905	751	4.79E+08	1807577	184.839	0.698	28.92638	-99.8653
78873	1788	1444	5.89E+08	1028673	227.35	0.397	29.8155	-99.7272
78877	989	441	1.55E+08	3089068	59.686	1.193	28.95117	-100.593
78879	264	223	1.17E+08	265300	45.246	0.102	29.64447	-99.6825
78880	1682	1304	4.42E+09	4168370	1708.124	1.609	29.98809	-100.286
78881	2335	1099	6.34E+08	3000917	244.972	1.159	29.38367	-99.5297
78883	353	304	1.97E+08	497926	75.978	0.192	29.67829	-99.3166
78884	1158	818	6.29E+08	1075910	243.017	0.415	29.60658	-99.4563
78885	120	151	2.01E+08	191590	77.573	0.074	29.80869	-99.5405
78886	647	331	2.55E+08	1101135	98.639	0.425	29.13584	-99.1689

78931	323	183	44324364	394638	17.114	0.152	30.02425	-96.4511
78932	757	527	1.41E+08	1707299	54.487	0.659	30.16458	-96.7053
78933	1433	785	2.8E+08	2503167	108.033	0.966	29.79065	-96.3591
78934	6712	3281	4.97E+08	7542084	191.876	2.912	29.69345	-96.5574
78935	978	452	1.76E+08	3268855	68.089	1.262	29.69598	-96.4255
78938	471	293	57057098	932160	22.03	0.36	29.80656	-96.6865
78940	2098	1439	3.49E+08	12103368	134.591	4.673	29.93063	-96.6626
78941	2962	1666	4.05E+08	420108	156.281	0.162	29.72762	-97.1585
78942	8989	3712	5.33E+08	2320934	205.64	0.896	30.16762	-96.923
78943	352	145	15051645	275719	5.811	0.106	29.709	-96.6156
78944	562	316	41336778	351629	15.96	0.136	30.01464	-96.5079
78945	10494	5374	6.53E+08	7815393	252.122	3.018	29.91232	-96.8896
78946	960	638	2.49E+08	7514314	96.3	2.901	30.1884	-96.779
78947	4475	2149	5.54E+08	3218720	213.751	1.243	30.42015	-97.0358
78948	850	438	1.67E+08	646721	64.332	0.25	30.32111	-96.9764
78949	517	382	2.06E+08	287350	79.707	0.111	29.83318	-97.0874
78950	2038	1278	2.86E+08	2387308	110.253	0.922	29.90495	-96.4826
78951	26	23	5570393	0	2.151	0	29.58728	-96.8244
78953	934	503	2.37E+08	536865	91.533	0.207	29.84401	-97.358
78954	1071	908	1.95E+08	1695901	75.173	0.655	30.04302	-96.6992
78956	5381	2876	4.37E+08	113472	168.82	0.044	29.68628	-96.9336
78957	9067	4354	4.85E+08	5373490	187.187	2.075	30.0139	-97.1821
78959	1837	969	4.05E+08	557662	156.232	0.215	29.70075	-97.3013
78962	4733	2560	5.04E+08	1571370	194.441	0.607	29.65846	-96.7325
78963	909	468	1.08E+08	1146775	41.595	0.443	29.91692	-97.0288
79001	249	160	1.07E+09	396975	411.907	0.153	35.33976	-102.795
79003	162	83	1.03E+08	64519	39.599	0.025	35.58185	-100.069
79005	1735	639	5.14E+08	50272	198.583	0.019	36.38023	-100.507
79007	14542	6873	1.15E+08	168880	44.515	0.065	35.70684	-101.399
79009	2166	756	3E+08	1374725	115.864	0.531	34.53328	-102.88
79010	802	235	4.52E+08	488682	174.367	0.189	35.45097	-102.141
79011	236	132	3.1E+08	1987055	119.559	0.767	35.63988	-100.231
79012	976	316	1.73E+08	199324	66.645	0.077	35.27051	-102.109
79013	3423	987	12184300	199584	4.704	0.077	36.03877	-102.003
79014	3771	1617	2.44E+09	11458430	943.342	4.424	35.90826	-100.285
79015	19277	8048	9.94E+08	4633988	383.678	1.789	34.93747	-101.916
79016	94	0	30408	0	0.012	0	34.98335	-101.919
79018	548	248	9.54E+08	449983	368.172	0.174	35.74825	-102.213
79019	1707	786	1.39E+09	7492296	535.9	2.893	35.0071	-101.394
79021	138	58	44267825	0	17.092	0	33.98484	-102.028
79022	10741	3951	4.96E+09	4461840	1915.664	1.723	36.09859	-102.604
79024	405	205	1.51E+08	33582	58.195	0.013	36.43977	-100.369
79025	69	34	33458417	0	12.918	0	34.94099	-102.206
79027	5223	2021	7.81E+08	5218146	301.455	2.015	34.40805	-102.42
79029	16177	5926	7.79E+08	1779150	300.861	0.687	35.90197	-102.026
79031	1425	606	3.01E+08	354722	116.279	0.137	34.27026	-102.45
79032	157	70	50095163	0	19.342	0	34.28289	-101.941

79033	109	52	30483967	0	11.77	0	36.33004	-100.984
79034	637	331	7.62E+08	46274	294.131	0.018	36.35977	-100.157
79035	5309	1935	1.73E+09	5980027	669.513	2.309	34.69047	-102.785
79036	5128	2555	1.66E+08	9822144	64.088	3.792	35.61283	-101.547
79039	779	409	5.8E+08	1623080	223.902	0.627	35.25984	-101.096
79040	1839	771	1.4E+09	465160	541.408	0.18	36.32409	-101.56
79041	3194	1324	6.88E+08	37180	265.465	0.014	34.04326	-101.932
79042	1169	558	1.11E+09	6599006	428.955	2.548	34.74133	-101.907
79043	1487	563	3.75E+08	2133490	144.621	0.824	34.37066	-102.131
79044	766	269	5.07E+08	144376	195.719	0.056	35.86345	-102.368
79045	19473	7102	3.16E+09	5039364	1220.826	1.946	34.91481	-102.555
79046	489	276	4.15E+08	121168	160.181	0.047	36.16354	-100.122
79051	29	22	91458344	50866	35.312	0.02	36.48309	-102.259
79052	1259	553	4.68E+08	4354066	180.522	1.681	34.36182	-101.743
79053	137	63	50092726	815187	19.341	0.315	34.40802	-102.579
79054	594	327	1.04E+08	402766	40.253	0.156	35.37482	-100.822
79056	63	56	1.06E+08	12140	40.938	0.005	36.22381	-100.212
79057	1206	654	9.97E+08	2470690	384.86	0.954	35.246	-100.642
79058	10	8	1.06E+08	0	40.816	0	35.5795	-101.855
79059	837	399	1.25E+09	153591	484.462	0.059	35.83076	-100.766
79061	316	196	4.2E+08	961084	162.251	0.371	35.52492	-100.442
79062	218	107	2.32E+08	281931	89.387	0.109	36.03062	-101.529
79063	686	266	2.47E+08	1424397	95.258	0.55	34.53109	-102.096
79064	2739	1097	3.78E+08	41981	146.037	0.016	34.19548	-102.119
79065	20840	9230	1.27E+09	3626504	489.815	1.4	35.54123	-100.907
79068	3197	1346	1.02E+09	5483676	393.836	2.117	35.34666	-101.444
79070	9919	3912	1.98E+09	1288580	763.503	0.498	36.27066	-100.795
79072	28849	10407	9.91E+08	274328	382.652	0.106	34.16976	-101.734
79078	377	225	58869181	8116523	22.73	3.134	35.72033	-101.58
79079	2646	1469	1.39E+09	437516	535.651	0.169	35.20898	-100.243
79080	605	336	4.45E+08	165945	171.83	0.064	35.74865	-101.214
79081	3912	1627	1.67E+09	1036865	643.471	0.4	36.24162	-101.218
79082	315	162	2.18E+08	0	84.303	0	34.22426	-102.288
79083	2661	1203	8.22E+08	594829	317.291	0.23	35.88617	-101.515
79084	2366	956	1.39E+09	318369	535.1	0.123	36.27688	-101.997
79085	53	35	3016821	0	1.165	0	34.74072	-102.514
79086	2105	865	5.29E+08	279850	204.072	0.108	36.04178	-101.768
79087	751	318	6.26E+08	3100740	241.732	1.197	36.28738	-102.912
79088	5945	2368	1.49E+09	15786039	575.954	6.095	34.5809	-101.697
79091	147	62	50092674	6549010	19.341	2.529	34.8978	-102.126
79092	1106	518	7.47E+08	866560	288.261	0.335	35.31297	-102.446
79093	69	40	79504580	0	30.697	0	36.28991	-101.034
79094	75	40	2.58E+08	1262708	99.649	0.488	34.84008	-101.51
79095	2686	1308	9.63E+08	1209746	371.954	0.467	34.90404	-100.208
79096	2229	975	6.28E+08	467701	242.549	0.181	35.43739	-100.197
79097	1150	528	3.08E+08	3480965	119.087	1.344	35.43589	-101.178
79098	517	211	5.49E+08	530741	212.077	0.205	35.15335	-102.217

79101	2817	1559	4145842	0	1.601	0	35.20603	-101.84
79102	9963	4462	6893784	0	2.662	0	35.19634	-101.866
79103	10594	3823	13319095	40238	5.143	0.016	35.17731	-101.794
79104	7869	2773	9927913	111504	3.833	0.043	35.20297	-101.789
79105	6	3	44381357	123123	17.136	0.048	35.69124	-101.821
79106	27967	12871	24246192	19836	9.362	0.008	35.20307	-101.895
79107	33844	11871	43437215	1212651	16.771	0.468	35.23059	-101.803
79108	17726	5064	4.28E+08	5598489	165.433	2.162	35.3079	-101.691
79109	43516	20968	27055809	151017	10.446	0.058	35.16642	-101.886
79110	18811	7453	14486450	165314	5.593	0.064	35.14445	-101.878
79111	1808	503	28328728	742915	10.938	0.287	35.22054	-101.708
79118	19726	7615	4.4E+08	10636407	169.913	4.107	35.10637	-101.74
79119	11539	4830	2.63E+08	5377548	101.457	2.076	35.10908	-102.018
79121	6575	3073	4793539	0	1.851	0	35.17472	-101.93
79124	7819	3225	2.33E+08	97857	90.145	0.038	35.26217	-101.965
79201	7040	2909	2.23E+09	44290694	860.423	17.101	34.43777	-100.281
79220	197	151	4.98E+08	1831679	192.335	0.707	33.7535	-100.795
79225	976	516	3.83E+08	423205	147.83	0.163	34.25593	-99.5152
79226	3153	1848	2.21E+09	14107560	853.414	5.447	34.90076	-100.995
79227	1406	853	2.22E+09	16739096	857.341	6.463	33.89981	-99.7735
79229	424	264	5.61E+08	752527	216.426	0.291	33.66571	-100.677
79230	158	82	1.65E+08	275228	63.899	0.106	34.70227	-100.069
79231	45	26	34409275	0	13.285	0	33.90638	-101.07
79233	180	118	2.01E+08	8455595	77.419	3.265	34.521	-100.526
79234	110	78	3.06E+08	16467	118.206	0.006	34.23044	-100.935
79235	3833	1811	1.49E+09	352764	576.085	0.136	33.96185	-101.246
79236	262	167	9.93E+08	3674994	383.477	1.419	33.71068	-100.384
79237	513	299	5E+08	1383726	193.015	0.534	34.91828	-100.646
79239	211	172	5.15E+08	21720887	198.926	8.386	34.65562	-100.764
79240	60	41	18829108	332364	7.27	0.128	34.88607	-100.78
79241	2480	1104	8.84E+08	601287	341.236	0.232	34.1785	-101.385
79243	90	62	1.37E+08	148979	52.956	0.058	33.77448	-100.99
79244	720	449	5.2E+08	342156	200.63	0.132	34.0304	-100.844
79245	2476	1335	6.74E+08	5298518	260.241	2.046	34.85726	-100.513
79247	64	39	19693204	0	7.604	0	34.32981	-99.4091
79248	1493	941	1.55E+09	2481992	597.142	0.958	33.99432	-100.287
79250	1508	686	4.64E+08	254088	179.297	0.098	33.87769	-101.595
79251	45	34	1.58E+08	79439	60.887	0.031	34.94342	-100.452
79252	3202	1928	1.41E+09	1820419	543.797	0.703	34.30434	-99.8189
79255	571	357	5.2E+08	912910	200.638	0.352	34.34991	-101.051
79256	319	202	4.52E+08	47960	174.341	0.019	33.90039	-100.746
79257	1067	593	1.05E+09	1225907	405.787	0.473	34.45748	-101.287
79258	67	39	83532253	8575	32.252	0.003	34.22829	-101.289
79259	48	43	2.31E+08	621261	89.243	0.24	34.39849	-100.473
79261	527	360	5.86E+08	6651370	226.437	2.568	34.44723	-100.81
79311	3445	1421	4.49E+08	562570	173.455	0.217	33.85788	-101.882
79312	971	442	2.28E+08	64975	87.892	0.025	34.01906	-102.42

79313	1571	697	3.4E+08	0	131.394	0	33.80489	-102.162
79314	56	38	41457216	0	16.007	0	33.5849	-103.015
79316	11451	4319	1.21E+09	2127209	467.268	0.821	33.13791	-102.326
79322	2049	919	7.84E+08	25466	302.541	0.01	33.63457	-101.18
79323	6559	2409	5.97E+08	34329	230.368	0.013	32.94575	-102.869
79324	61	28	1.84E+08	0	70.915	0	33.89788	-102.682
79325	2319	928	4.62E+08	2085746	178.274	0.805	34.42461	-102.944
79326	40	26	99606447	0	38.458	0	34.07794	-102.216
79329	3300	1297	2.43E+08	1034222	93.661	0.399	33.71514	-101.675
79330	114	286	4.7E+08	3561855	181.596	1.375	33.04078	-101.225
79331	13258	4966	1.94E+09	2951717	747.559	1.14	32.69521	-102.01
79336	16972	6830	1.12E+09	14789	432.109	0.006	33.6039	-102.398
79339	7230	3175	7.18E+08	99529	277.262	0.038	33.8865	-102.337
79342	352	154	2.48E+08	0	95.663	0	32.90821	-102.337
79343	1571	692	3.54E+08	591985	136.491	0.229	33.65867	-101.531
79344	56	28	39016783	0	15.064	0	33.84496	-102.93
79345	920	378	4.91E+08	221555	189.759	0.086	33.33754	-102.331
79346	2427	1065	1E+09	0	386.207	0	33.64809	-102.825
79347	7462	2885	1.83E+09	2843232	706.571	1.098	34.17256	-102.789
79350	392	164	3735295	51337	1.442	0.02	33.73182	-101.826
79351	1326	632	8.41E+08	1493981	324.727	0.577	32.92701	-101.764
79353	10	8	31950965	377188	12.336	0.146	33.78352	-102.582
79355	1942	801	1.12E+09	0	433.075	0	33.18166	-102.877
79356	6363	1945	1.92E+09	3348044	743.208	1.293	33.28589	-101.339
79357	2303	1004	5.65E+08	6652	218.211	0.003	33.61189	-101.405
79358	1116	472	2.81E+08	25135	108.549	0.01	33.44219	-102.195
79359	2899	1150	5.48E+08	44284	211.515	0.017	32.97114	-102.587
79360	13574	4721	2.2E+09	64447	849.59	0.025	32.68982	-102.725
79363	5369	2066	3E+08	1259259	115.738	0.486	33.70652	-102.043
79364	8172	3485	5.11E+08	791239	197.185	0.305	33.45257	-101.644
79366	1096	477	2106199	400606	0.813	0.155	33.53032	-101.685
79367	645	269	82025737	0	31.67	0	33.62145	-102.191
79369	88	52	33669014	0	13	0	33.95574	-102.145
79370	1889	1082	1.06E+09	9919809	408.835	3.83	33.50692	-100.907
79371	1317	592	7.28E+08	139271	281.117	0.054	33.95262	-102.966
79372	1434	569	34204578	0	13.206	0	33.43424	-102.488
79373	3307	1502	1.12E+09	2961109	433.749	1.143	33.17387	-101.833
79376	95	43	2.91E+08	0	112.473	0	33.23386	-102.673
79377	277	131	69429585	9240	26.807	0.004	32.92965	-102.134
79378	236	109	53621492	112056	20.703	0.043	33.05813	-102.475
79379	666	262	1.86E+08	0	71.941	0	33.51051	-102.646
79380	197	86	26370126	0	10.182	0	33.73563	-102.332
79381	1263	532	3.36E+08	861753	129.86	0.333	33.31596	-101.77
79382	6291	2397	1.24E+08	538066	47.697	0.208	33.45529	-102.014
79401	8408	3974	7128885	25940	2.752	0.01	33.58877	-101.85
79403	16869	6483	3.42E+08	1854490	132.019	0.716	33.6435	-101.775
79404	11289	4018	74594256	1946380	28.801	0.752	33.5277	-101.794

79406	6025	3	2532314	4724	0.978	0.002	33.58591	-101.878
79407	19068	8480	1.83E+08	460824	70.769	0.178	33.56686	-102.079
79410	9429	4390	6244597	101950	2.411	0.039	33.57007	-101.891
79411	7951	3575	3853057	0	1.488	0	33.57003	-101.858
79412	15650	6019	8073862	57932	3.117	0.022	33.54638	-101.857
79413	21187	9211	12376682	209095	4.779	0.081	33.5474	-101.886
79414	17121	8054	8199174	95824	3.166	0.037	33.54779	-101.92
79415	17689	7143	1.72E+08	803540	66.225	0.31	33.70139	-101.898
79416	32296	13937	83257147	751185	32.146	0.29	33.6001	-101.983
79423	32277	13477	1.57E+08	834008	60.498	0.322	33.43998	-101.855
79424	39023	16483	1.08E+08	812280	41.737	0.314	33.46833	-101.948
79501	3528	1647	5.16E+08	2730720	199.107	1.054	32.74786	-99.9054
79502	1350	814	1.69E+09	8616771	652.669	3.327	33.18306	-100.245
79503	175	131	2.06E+08	656663	79.43	0.254	32.86862	-99.6945
79504	2787	1480	9.71E+08	1601265	375.075	0.618	32.3358	-99.3506
79505	296	155	4.81E+08	1241077	185.715	0.479	33.57745	-99.8119
79506	730	774	4.74E+08	9585319	182.946	3.701	32.10643	-100.313
79508	1242	564	30830387	0	11.904	0	32.27408	-99.826
79510	7982	3683	7.1E+08	5762953	274.291	2.225	32.2664	-99.5189
79511	1338	654	4.67E+08	1164260	180.236	0.45	32.41592	-101.25
79512	8197	3449	1.49E+09	12565336	574.609	4.852	32.31451	-100.918
79517	200	113	5.73E+08	1525620	221.384	0.589	32.87951	-101.247
79518	124	108	3.52E+08	68474	135.719	0.026	33.34105	-100.715
79519	74	52	78436790	410263	30.285	0.158	32.05208	-99.6947
79520	2449	1231	5.04E+08	3583322	194.748	1.384	32.857	-100.124
79521	3980	2209	8.08E+08	18055725	311.876	6.971	33.12269	-99.6504
79525	2842	1205	2.43E+08	466933	93.743	0.18	32.63047	-99.8306
79526	979	509	5.68E+08	751200	219.259	0.29	32.6363	-100.717
79527	251	178	2.45E+08	2312724	94.412	0.893	32.59317	-101.059
79528	619	348	9.12E+08	435683	352.171	0.168	33.19264	-100.894
79529	1383	714	2.31E+08	1237478	89.177	0.478	33.43184	-99.8537
79530	480	257	89359041	882246	34.502	0.341	32.12025	-99.753
79532	940	480	3.2E+08	62528	123.535	0.024	32.40487	-100.711
79533	472	298	3.73E+08	855528	144.024	0.33	32.85713	-99.552
79534	181	121	1.56E+08	286424	60.217	0.111	32.76433	-100.212
79535	183	121	3.65E+08	64401	140.907	0.025	32.22344	-100.48
79536	4988	2264	8.2E+08	794235	316.648	0.307	32.47362	-100.033
79537	111	67	2.02E+08	0	77.919	0	32.29186	-100.211
79538	271	200	1.77E+08	549906	68.528	0.212	31.97061	-99.6842
79539	178	125	97015740	0	37.458	0	33.36111	-99.8769
79540	89	67	1.41E+08	432870	54.563	0.167	33.16916	-100.041
79541	791	384	4.09E+08	809710	157.731	0.313	32.15018	-99.8106
79543	1186	584	4.25E+08	1228375	164.227	0.474	32.71433	-100.408
79544	512	318	2.14E+08	0	82.556	0	33.30151	-99.8529
79545	1788	816	5.9E+08	301605	227.797	0.116	32.41521	-100.574
79546	2006	1123	9.31E+08	1943443	359.492	0.75	32.89182	-100.498
79547	758	485	2.03E+08	27330	78.247	0.011	33.19774	-99.9054

79548	174	112	2.37E+08	17157	91.407	0.007	33.04977	-99.919
79549	15652	6342	2.48E+09	3001959	956.333	1.159	32.88759	-100.841
79553	3469	1794	4.31E+08	1118159	166.243	0.432	32.94091	-99.851
79556	12995	6038	7.88E+08	4805905	304.246	1.856	32.45879	-100.358
79560	137	106	1.95E+08	613717	75.455	0.237	32.66486	-100.213
79561	662	336	3.25E+08	934280	125.318	0.361	32.51545	-100.195
79562	3669	1510	3.01E+08	2270772	116.106	0.877	32.23625	-99.8665
79563	1161	505	42391950	33568	16.368	0.013	32.41582	-99.9062
79565	295	148	2.34E+08	46677	90.341	0.018	32.39737	-101.088
79566	333	220	4.09E+08	1026993	158.085	0.397	32.11551	-100.132
79567	3373	1781	8.17E+08	3839802	315.585	1.483	31.97243	-99.9503
79601	25085	9122	6.45E+08	14492536	248.996	5.596	32.57649	-99.6653
79602	21519	8917	2.97E+08	3006792	114.795	1.161	32.33568	-99.6675
79603	24288	9590	1.51E+08	98308	58.401	0.038	32.33355	-99.9277
79605	30098	13083	28411178	73488	10.97	0.028	32.4346	-99.7818
79606	22885	10241	1.62E+08	449181	62.471	0.173	32.36278	-99.8173
79607	2865	673	9820617	77954	3.792	0.03	32.43035	-99.8326
79699	321	48	246691	0	0.095	0	32.46224	-99.7159
79701	27728	10310	30795660	0	11.89	0	31.99238	-102.081
79703	20592	7671	17336262	0	6.694	0	31.97943	-102.132
79705	33536	13678	92112978	0	35.565	0	32.05121	-102.06
79706	19571	7135	1.93E+09	3602238	743.927	1.391	31.84899	-102.005
79707	32854	14370	1.83E+08	566802	70.775	0.219	32.0536	-102.202
79713	592	242	4.25E+08	48842	164.195	0.019	32.48982	-101.754
79714	14786	5813	1.99E+09	101668	768.384	0.039	32.33573	-102.697
79718	721	428	7.92E+08	2398025	305.865	0.926	31.00497	-103.759
79719	397	204	49535538	50799	19.126	0.02	31.46066	-103.404
79720	33640	12529	2.36E+09	8057282	910.98	3.111	32.25354	-101.473
79730	250	113	3.34E+08	0	128.826	0	31.16952	-103.085
79731	4193	1563	8.53E+08	218836	329.38	0.084	31.4228	-102.488
79733	210	86	4740766	0	1.83	0	32.10291	-101.365
79734	2137	1480	3.35E+09	119568	1293.791	0.046	30.68614	-103.96
79735	13315	4574	4.49E+09	92162	1732.815	0.036	30.74746	-102.791
79738	275	135	8.33E+08	2343587	321.687	0.905	32.749	-101.485
79739	963	443	1.37E+09	1099899	529.368	0.425	31.76308	-101.502
79741	288	137	5.43E+08	3214364	209.715	1.241	31.96931	-102.631
79742	490	232	1.51E+08	0	58.474	0	31.34204	-102.868
79743	339	175	6.4E+08	2310658	247.087	0.892	31.18689	-102.596
79744	1362	607	1.39E+09	0	535.581	0	30.92201	-101.97
79745	6125	2601	1.01E+09	133392	391.713	0.052	31.83142	-103.056
79748	173	69	1.43E+08	217408	55.277	0.084	32.40895	-101.648
79749	255	94	1.69E+08	0	65.414	0	32.28905	-101.872
79752	2245	1030	5.68E+08	65	219.383	0	31.22775	-102.162
79754	80	48	4.13E+08	240848	159.479	0.093	31.80355	-103.6
79755	230	110	8.13E+08	417117	313.959	0.161	31.51763	-101.918
79756	9066	3898	4.49E+08	48821	173.275	0.019	31.54026	-102.845
79758	2197	912	1.37E+08	480976	52.826	0.186	32.00113	-102.312

79759	23	15	5.05E+08	857352	195.149	0.331	31.79917	-102.633
79761	30488	12357	26391291	7665	10.19	0.003	31.85505	-102.351
79762	39056	16265	82021614	601804	31.669	0.232	31.9253	-102.358
79763	34079	12309	1.41E+08	541052	54.296	0.209	31.79916	-102.474
79764	20725	7724	1.51E+08	375615	58.25	0.145	31.86626	-102.538
79765	6927	2764	53463355	474055	20.642	0.183	31.90674	-102.262
79766	6115	1801	6.16E+08	3791040	237.937	1.464	31.72517	-102.414
79770	33	90	2.47E+08	12985710	95.194	5.014	31.87512	-103.933
79772	12747	3964	2.99E+09	1984302	1156.339	0.766	31.42236	-103.627
79777	170	114	2.63E+08	260565	101.726	0.101	31.48459	-103.161
79778	878	397	2.7E+08	0	104.381	0	31.17625	-101.924
79780	224	120	3.06E+08	0	118.149	0	31.06196	-103.592
79781	303	212	1.74E+09	64269	669.907	0.025	30.597	-101.785
79782	3976	1540	1.19E+09	913315	461.342	0.353	32.15561	-101.837
79783	201	81	4.35E+08	0	167.949	0	32.32167	-102.042
79785	91	57	4.1E+08	0	158.378	0	31.32748	-103.907
79788	506	230	11978926	14255	4.625	0.006	31.58247	-102.977
79789	974	419	1.03E+08	110400	39.803	0.043	31.69625	-103.139
79821	7142	1630	29535301	367962	11.404	0.142	31.9837	-106.596
79830	7682	4117	5.21E+09	9555434	2009.757	3.689	29.80209	-103.222
79831	29	29	9.02E+08	575264	348.189	0.222	30.4294	-103.326
79834	200	125	2.12E+09	2620306	818.692	1.012	29.16094	-103.276
79835	12690	4022	30636781	229690	11.829	0.089	31.93641	-106.59
79836	5772	1733	49696811	128655	19.188	0.05	31.57255	-106.199
79837	579	348	4.27E+09	16347464	1650.53	6.312	32.23357	-105.287
79838	8699	2625	76173040	320536	29.411	0.124	31.48284	-106.168
79839	1938	715	1.25E+09	772236	483.536	0.298	31.33318	-105.903
79842	498	392	1.61E+09	1609748	620.307	0.622	30.08573	-103.118
79843	2503	1536	3.82E+09	1564820	1473.621	0.604	30.2853	-104.006
79845	5138	2124	1.21E+09	0	468.473	0	29.88805	-104.519
79846	104	89	1.14E+09	70050	439.705	0.027	29.38766	-103.99
79847	167	122	2.16E+09	1684	832.805	0.001	31.83536	-105.054
79848	927	620	2.09E+09	62	807.465	0	30.2613	-102.301
79849	13208	3574	36306295	197421	14.018	0.076	31.56065	-106.25
79851	641	270	1.74E+09	180317	673.316	0.07	31.27835	-105.312
79852	799	690	1.38E+09	1794765	531.928	0.693	29.39623	-103.617
79853	3729	996	80665254	318500	31.145	0.123	31.434	-106.064
79854	213	142	1.84E+09	28790	708.646	0.011	30.59127	-104.66
79855	2336	1098	4.72E+09	315560	1821.884	0.122	31.09348	-104.625
79901	11328	4471	5696318	21256	2.199	0.008	31.76062	-106.479
79902	21236	9315	16985318	35059	6.558	0.014	31.78372	-106.499
79903	18451	7176	7880270	0	3.043	0	31.78618	-106.442
79904	35060	12313	22802148	12015	8.804	0.005	31.85276	-106.448
79905	26036	8909	16787888	385133	6.482	0.149	31.76605	-106.426
79906	4374	1212	10895901	0	4.207	0	31.81065	-106.405
79907	55132	17537	35241262	105630	13.607	0.041	31.70723	-106.327
79908	3673	546	50516512	0	19.505	0	31.8572	-106.38

79911	1565	582	16170031	0	6.243	0	31.89247	-106.543
79912	77161	30690	61003568	472684	23.554	0.183	31.84858	-106.534
79915	40057	13629	23082374	279365	8.912	0.108	31.74604	-106.371
79916	2995	0	4204076	0	1.623	0	31.81416	-106.418
79920	153	0	12765	0	0.005	0	31.82473	-106.452
79922	8935	3132	16924455	171468	6.535	0.066	31.81487	-106.561
79924	59058	21122	31705879	0	12.242	0	31.90244	-106.413
79925	40641	16253	43821043	45413	16.919	0.018	31.79694	-106.357
79927	39016	11240	73324454	703936	28.311	0.272	31.64401	-106.273
79928	49544	14089	2.7E+08	13207	104.102	0.005	31.62867	-106.156
79930	28410	11006	28410299	42262	10.969	0.016	31.8293	-106.483
79932	24986	8357	36974505	514540	14.276	0.199	31.87496	-106.608
79934	19174	6728	1.53E+08	178572	59.17	0.069	31.95067	-106.434
79935	18042	6899	9049749	31255	3.494	0.012	31.76772	-106.329
79936	111086	35523	69254573	54180	26.739	0.021	31.77659	-106.297
79938	53520	15137	9.44E+08	171229	364.348	0.066	31.82971	-105.971
79942	2	15	92955753	39827	35.89	0.015	30.57562	-101.331
80002	18020	8365	15936766	307236	6.153	0.119	39.79482	-105.105
80003	35384	14248	17648602	675853	6.814	0.261	39.82537	-105.064
80004	35892	15158	19090026	397431	7.371	0.153	39.81669	-105.123
80005	25553	10342	29436851	421385	11.366	0.163	39.85108	-105.13
80007	7262	2640	66468299	1633896	25.664	0.631	39.86254	-105.192
80010	39728	14334	14283218	31534	5.515	0.012	39.73925	-104.863
80011	47461	17531	63847392	178620	24.652	0.069	39.73884	-104.782
80012	46665	19634	20111206	0	7.765	0	39.69971	-104.838
80013	69588	26047	36229567	0	13.988	0	39.66141	-104.766
80014	36710	18960	18282409	0	7.059	0	39.66356	-104.838
80015	62432	21996	37030524	606996	14.298	0.234	39.62732	-104.779
80016	41219	15602	1.22E+08	3138094	47.001	1.212	39.60225	-104.705
80017	34270	13688	15187780	22279	5.864	0.009	39.69793	-104.785
80018	9206	3263	68730059	4938	26.537	0.002	39.688	-104.69
80019	1690	719	63627082	48571	24.567	0.019	39.78698	-104.702
80020	46871	18011	51170492	694609	19.757	0.268	39.93078	-105.074
80021	30051	13183	42709608	6062499	16.49	2.341	39.89066	-105.114
80022	42699	14343	1.19E+08	708605	46.047	0.274	39.87964	-104.799
80023	15415	6024	45657286	566048	17.628	0.219	39.97586	-105.009
80024	228	85	105884	0	0.041	0	39.84388	-104.918
80025	253	152	30273320	10673	11.689	0.004	39.93984	-105.284
80026	26378	10796	57722349	1197713	22.287	0.462	40.01225	-105.1
80027	31034	12648	50311737	509705	19.425	0.197	39.95095	-105.159
80030	15329	6381	6829156	196752	2.637	0.076	39.83082	-105.037
80031	33932	13594	21830198	137783	8.429	0.053	39.87383	-105.039
80033	23969	11817	21452446	680211	8.283	0.263	39.77233	-105.103
80045	277	173	1735675	2686	0.67	0.001	39.74788	-104.838
80101	392	193	6.08E+08	11434	234.836	0.004	39.36503	-104.019
80102	5514	2084	7.69E+08	4240870	296.982	1.637	39.74561	-104.443
80103	2458	1002	7.28E+08	16612998	281.079	6.414	39.78001	-104.143

80104	27588	10470	2.01E+08	84211	77.582	0.033	39.29381	-104.83
80105	1171	563	1.29E+09	5198371	498.668	2.007	39.6685	-103.969
80106	4232	1635	4.55E+08	252861	175.77	0.098	39.18615	-104.516
80107	12042	4474	4.04E+08	0	155.881	0	39.40936	-104.573
80108	22612	8497	92149892	0	35.579	0	39.4455	-104.853
80109	17219	5778	68309904	0	26.375	0	39.36427	-104.901
80110	20867	9483	16389519	423880	6.328	0.164	39.64599	-105.011
80111	28948	12511	27896244	9909	10.771	0.004	39.61301	-104.878
80112	29217	12734	47972642	334727	18.522	0.129	39.57574	-104.858
80113	20562	10295	19584824	156124	7.562	0.06	39.64445	-104.965
80116	3942	1614	2.24E+08	243135	86.438	0.094	39.32	-104.71
80117	2587	1074	6.31E+08	74679	243.653	0.029	39.3696	-104.343
80118	5308	2241	3.54E+08	295396	136.524	0.114	39.19243	-104.905
80120	28435	13503	21504485	942869	8.303	0.364	39.59384	-105.011
80121	17853	7307	19397155	53342	7.489	0.021	39.61099	-104.953
80122	29783	12412	18278675	48291	7.057	0.019	39.58031	-104.955
80123	44795	19351	30758067	4209261	11.876	1.625	39.61601	-105.069
80124	18020	7260	24562911	5755	9.484	0.002	39.53207	-104.892
80125	10190	3768	1.09E+08	3802610	42.131	1.468	39.48507	-105.052
80126	39698	14237	27775578	14974	10.724	0.006	39.54057	-104.959
80127	42597	16325	1.34E+08	1049413	51.771	0.405	39.5306	-105.165
80128	34988	14135	31967604	3970349	12.343	1.533	39.56385	-105.079
80129	27007	10031	19310720	100998	7.456	0.039	39.54554	-105.01
80130	27054	9959	16556712	16382	6.393	0.006	39.53096	-104.923
80131	243	107	1954443	0	0.755	0	39.47644	-105.008
80132	19637	7115	79192247	370295	30.576	0.143	39.09941	-104.847
80133	2042	916	79764494	40507	30.797	0.016	39.09502	-104.976
80134	55075	20452	1.46E+08	214747	56.351	0.083	39.4855	-104.779
80135	3833	1908	8.53E+08	4204340	329.266	1.623	39.25387	-105.158
80136	4834	1840	5.24E+08	1392321	202.292	0.538	39.7849	-104.281
80137	1323	437	2.71E+08	1502935	104.553	0.58	39.77118	-104.598
80138	29786	10781	1.64E+08	175069	63.221	0.068	39.51766	-104.671
80202	10148	8399	2900297	0	1.12	0	39.75191	-104.998
80203	18839	14896	2779201	0	1.073	0	39.73169	-104.983
80204	31493	13116	14407225	0	5.563	0	39.73484	-105.02
80205	29221	13656	11874937	119984	4.585	0.046	39.75886	-104.963
80206	21521	13536	6361669	0	2.456	0	39.73029	-104.953
80207	21216	8907	11824012	0	4.565	0	39.7623	-104.917
80209	21526	13530	9019641	54418	3.483	0.021	39.70658	-104.966
80210	33946	16398	15707215	51146	6.065	0.02	39.67663	-104.962
80211	31583	15615	11644553	97000	4.496	0.037	39.76744	-105.02
80212	18051	9441	9249003	1093090	3.571	0.422	39.77205	-105.048
80214	24821	11831	11920975	40722	4.603	0.016	39.74329	-105.069
80215	17843	8568	14412678	257327	5.565	0.099	39.74477	-105.116
80216	10924	3385	27187751	218028	10.497	0.084	39.78728	-104.957
80218	17928	12227	4145058	0	1.6	0	39.73108	-104.971
80219	61296	20448	19441922	193656	7.507	0.075	39.69529	-105.036

80220	33529	16421	13575575	0	5.242	0	39.73381	-104.917
80221	37779	13536	23461757	666030	9.059	0.257	39.81707	-105.011
80222	20073	10256	10282638	0	3.97	0	39.67103	-104.928
80223	17987	7139	13544714	108937	5.23	0.042	39.69579	-105.004
80224	17256	8570	8146834	0	3.146	0	39.68777	-104.911
80226	30930	13656	20865700	166240	8.056	0.064	39.71285	-105.092
80227	33667	15217	19163868	323180	7.399	0.125	39.6663	-105.09
80228	30138	13797	28540433	93016	11.02	0.036	39.69497	-105.173
80229	49598	18023	34087313	970226	13.161	0.375	39.85532	-104.957
80230	7559	3825	6446419	0	2.489	0	39.71946	-104.89
80231	32127	17134	12212325	0	4.715	0	39.67142	-104.888
80232	21411	9168	10697719	633368	4.13	0.245	39.68687	-105.09
80233	45386	17642	23577904	319277	9.103	0.123	39.89967	-104.947
80234	25937	11104	18359744	264953	7.089	0.102	39.90999	-105.003
80235	7571	3610	9428336	193115	3.64	0.075	39.64984	-105.088
80236	16123	6142	8321007	0	3.213	0	39.65168	-105.04
80237	17569	10074	9260004	17849	3.575	0.007	39.63987	-104.902
80238	10058	3898	12566304	0	4.852	0	39.77166	-104.882
80239	40512	11206	25855308	31835	9.983	0.012	39.78763	-104.839
80241	31746	11638	17101607	648240	6.603	0.25	39.92952	-104.955
80246	12875	7840	4469838	8809	1.726	0.003	39.7052	-104.931
80247	25449	14986	7617388	1067	2.941	0	39.69833	-104.879
80249	23404	7765	1.24E+08	31163	47.729	0.012	39.85187	-104.696
80260	31412	12518	12417747	295152	4.795	0.114	39.86692	-105.006
80264	0	0	19282	0	0.007	0	39.74248	-104.985
80290	0	0	19489	0	0.008	0	39.74409	-104.987
80293	0	0	15517	0	0.006	0	39.74625	-104.99
80294	0	0	15459	0	0.006	0	39.74945	-104.989
80301	22555	10634	75104967	7580096	28.998	2.927	40.04947	-105.201
80302	26941	12663	2.14E+08	866943	82.572	0.335	40.03919	-105.372
80303	22361	11222	57102035	2433925	22.047	0.94	39.97322	-105.209
80304	25623	11586	23685343	117908	9.145	0.046	40.04542	-105.291
80305	16874	7314	18723747	129059	7.229	0.05	39.97533	-105.248
80310	6578	953	1124499	5818	0.434	0.002	40.00215	-105.264
80401	39378	16895	1.35E+08	1566270	52.177	0.605	39.71873	-105.236
80403	18211	7948	3.46E+08	2328734	133.662	0.899	39.83462	-105.293
80419	0	0	256676	0	0.099	0	39.72839	-105.203
80420	933	884	1.03E+08	720911	39.612	0.278	39.32487	-106.117
80421	8042	4375	3.57E+08	580541	137.848	0.224	39.4623	-105.502
80422	4326	2738	3.34E+08	952351	129.148	0.368	39.8705	-105.529
80423	169	177	4.11E+08	1636877	158.643	0.632	39.89395	-106.584
80424	9627	11169	3.26E+08	1021224	125.92	0.394	39.47333	-106.004
80425	184	189	1.18E+08	314467	45.614	0.121	39.3484	-105.206
80426	104	81	3.45E+08	1200838	133.134	0.464	39.91209	-107
80427	822	630	37901033	0	14.634	0	39.78028	-105.495
80428	706	611	7.98E+08	5055474	308.29	1.952	40.84369	-106.925
80432	439	860	2.83E+08	846415	109.134	0.327	39.22238	-105.797

80433	8354	3767	2.12E+08	441461	81.915	0.17	39.47772	-105.262
80434	43	38	74237158	483879	28.663	0.187	40.84325	-106.287
80435	7278	7610	2.69E+08	6775062	103.72	2.616	39.57368	-105.935
80436	565	290	31702715	76333	12.24	0.029	39.78164	-105.642
80438	486	387	1.44E+08	486376	55.672	0.188	39.76303	-105.785
80439	23778	10766	4.58E+08	711375	176.767	0.275	39.63442	-105.44
80440	2422	2274	6.87E+08	1448162	265.2	0.559	39.23081	-105.969
80442	2309	2634	1.82E+08	57211	70.418	0.022	39.92401	-105.889
80443	3676	5208	2.69E+08	10023763	104.035	3.87	39.5436	-106.173
80444	1080	812	82886961	1088616	32.003	0.42	39.6084	-105.751
80446	3715	3146	7.74E+08	16955734	299.009	6.547	40.17617	-105.949
80447	1964	3613	6.08E+08	22568571	234.855	8.714	40.29638	-105.762
80448	193	228	5.81E+08	289229	224.209	0.112	39.42313	-105.65
80449	909	1505	1.54E+09	22373094	593.332	8.638	38.97658	-105.857
80451	753	387	1.78E+08	0	68.626	0	40.09845	-106.073
80452	3097	2112	3.36E+08	1316359	129.843	0.508	39.6894	-105.671
80453	197	120	1048445	0	0.405	0	39.66269	-105.243
80454	1224	620	11104624	8841	4.288	0.003	39.62855	-105.242
80455	497	325	90048206	30093	34.768	0.012	40.09483	-105.398
80456	620	1343	5.99E+08	1539343	231.341	0.594	39.24737	-105.537
80457	612	292	4024245	0	1.554	0	39.64825	-105.291
80459	2450	1483	1.5E+09	13507096	580.246	5.215	40.1772	-106.455
80461	7090	3970	7.49E+08	8732529	289.23	3.372	39.23174	-106.313
80463	136	111	3.13E+08	840298	120.954	0.324	39.97054	-106.72
80465	15147	6045	1.17E+08	1507965	45.126	0.582	39.60909	-105.206
80466	3338	1929	2.33E+08	2997014	90.055	1.157	39.97642	-105.542
80467	2224	1285	5.95E+08	3237321	229.891	1.25	40.20764	-106.826
80468	391	315	9.94E+08	6657265	383.881	2.57	39.95192	-106.123
80469	337	184	1.32E+08	29063	51.154	0.011	40.20008	-106.969
80470	3287	1862	3.45E+08	1170854	133.308	0.452	39.37945	-105.325
80471	23	68	2025971	0	0.782	0	39.93525	-105.421
80473	51	93	1.66E+08	112066	64.039	0.043	40.41634	-106.134
80475	57	49	28069390	96618	10.838	0.037	39.45528	-105.57
80476	194	207	1.49E+08	36622	57.414	0.014	39.67063	-105.834
80477	155	85	69521	0	0.027	0	40.48639	-106.829
80478	1606	1143	1.08E+08	421723	41.722	0.163	40.02902	-105.853
80479	48	53	2.92E+08	346103	112.784	0.134	40.03591	-106.814
80480	1300	1155	3.94E+09	18154025	1521.021	7.009	40.67289	-106.342
80481	572	517	1.85E+08	3410861	71.567	1.317	40.10141	-105.577
80482	1630	3316	3.36E+08	73649	129.78	0.028	39.8907	-105.786
80483	585	305	2.25E+08	175766	86.967	0.068	40.09609	-106.929
80487	16745	12300	1.89E+09	4397795	731.078	1.698	40.54095	-106.85
80488	157	104	28800	0	0.011	0	40.4487	-106.818
80497	411	505	34246088	0	13.222	0	39.67076	-106
80498	7002	5350	6.77E+08	10462941	261.461	4.04	39.74663	-106.271
80501	39521	16580	32047275	584271	12.374	0.226	40.16484	-105.103
80503	31064	13294	2.36E+08	7952477	91.071	3.07	40.16901	-105.21

80504	46876	16985	2.57E+08	10084123	99.056	3.894	40.16339	-105.03
80510	420	804	1.71E+08	1149627	66.134	0.444	40.21315	-105.607
80511	76	7	268987	0	0.104	0	40.34018	-105.572
80512	2185	1762	1.27E+09	10157199	490.883	3.922	40.63341	-105.582
80513	10296	4133	1.7E+08	9181802	65.743	3.545	40.30035	-105.104
80514	4106	1546	17423578	36621	6.727	0.014	40.06574	-104.956
80515	1010	960	1.57E+08	384745	60.612	0.149	40.46238	-105.382
80516	20254	7440	1.03E+08	606323	39.921	0.234	40.05111	-105.028
80517	9313	7294	7.66E+08	3664365	295.938	1.415	40.38478	-105.586
80520	1498	559	1043740	0	0.403	0	40.1131	-104.931
80521	33409	13059	36755388	1150791	14.191	0.444	40.5946	-105.127
80524	31668	13680	3.28E+08	26312840	126.5	10.159	40.64761	-105.029
80525	48419	21347	62772554	4145519	24.237	1.601	40.52965	-105.037
80526	44183	18673	98867985	5276893	38.173	2.037	40.51884	-105.143
80528	17946	6600	49282926	3764348	19.028	1.453	40.4946	-105.005
80530	3790	1420	4924057	0	1.901	0	40.09779	-104.929
80532	165	215	66967049	2974	25.856	0.001	40.4931	-105.467
80534	11301	4175	1.25E+08	1253634	48.455	0.484	40.33182	-104.937
80535	2636	1193	1.15E+08	340358	44.282	0.131	40.73295	-105.184
80536	1759	1250	9.52E+08	1788855	367.598	0.691	40.86834	-105.369
80537	38821	16732	2.74E+08	10232549	105.983	3.951	40.36447	-105.18
80538	43930	18394	2.8E+08	12754541	107.999	4.925	40.45883	-105.049
80540	4461	2531	4.1E+08	1172550	158.259	0.453	40.23569	-105.365
80542	3631	1284	23196630	782379	8.956	0.302	40.23508	-104.999
80543	5887	2095	81654543	805638	31.527	0.311	40.34435	-104.851
80544	111	58	128817	0	0.05	0	40.10341	-105.171
80545	851	2198	7.33E+08	2625472	282.877	1.014	40.87567	-105.638
80546	149	63	198280	0	0.077	0	40.52524	-104.85
80547	624	241	7720928	51539	2.981	0.02	40.52663	-104.965
80549	8642	3201	5.29E+08	9572963	204.189	3.696	40.86446	-105.049
80550	20675	8021	1.41E+08	2252739	54.477	0.87	40.48466	-104.901
80601	33833	11612	69404913	1779435	26.797	0.687	39.96203	-104.808
80602	27665	9248	77907661	1434724	30.08	0.554	39.96443	-104.912
80603	11973	4401	2.08E+08	8893681	80.355	3.434	39.98221	-104.737
80610	2791	1141	4.39E+08	2112615	169.483	0.816	40.66067	-104.591
80611	659	294	9.96E+08	524716	384.614	0.203	40.62498	-104.287
80612	430	213	4.21E+08	239353	162.636	0.092	40.87214	-104.853
80615	7482	2930	2.73E+08	2658519	105.274	1.026	40.54566	-104.646
80620	17775	6477	17091729	216726	6.599	0.084	40.37376	-104.717
80621	12079	4359	3.3E+08	2119909	127.385	0.819	40.10724	-104.801
80622	268	100	34125516	152099	13.176	0.059	40.53801	-104.46
80623	1028	344	1724340	0	0.666	0	40.28538	-104.783
80624	946	372	81231909	727360	31.364	0.281	40.48678	-104.499
80631	48603	17984	2.66E+08	2480316	102.849	0.958	40.44287	-104.673
80634	52861	21776	96551391	238573	37.279	0.092	40.40332	-104.793
80640	11054	3567	34205162	2535777	13.207	0.979	39.88533	-104.883
80642	4309	1274	2.46E+08	3697131	95.014	1.427	40.05142	-104.612

80643	3011	1194	5.42E+08	3293136	209.153	1.271	40.11274	-104.482
80644	2989	1147	4.13E+08	4117721	159.417	1.59	40.38284	-104.463
80645	3905	1521	3.48E+08	11048309	134.534	4.266	40.33073	-104.668
80648	1001	424	3.98E+08	82433	153.831	0.032	40.75586	-104.741
80649	299	154	4.73E+08	26195790	182.554	10.114	40.38075	-104.176
80650	1432	571	1.31E+08	338246	50.722	0.131	40.62152	-104.83
80651	4176	1650	2.47E+08	2163583	95.199	0.835	40.24172	-104.809
80652	574	247	4.85E+08	297224	187.301	0.115	40.13853	-104.276
80653	791	543	3.24E+08	14094139	124.968	5.442	40.39877	-103.972
80654	2359	964	5.89E+08	12702187	227.293	4.904	40.1381	-104.065
80701	16042	6180	1.57E+09	5996004	607.629	2.315	40.16819	-103.832
80705	884	348	807564	0	0.312	0	40.2705	-103.83
80720	2558	1277	2.41E+09	443111	931.186	0.171	40.07825	-103.22
80721	154	76	2.24E+08	0	86.383	0	40.68961	-102.154
80722	349	168	89409090	46402	34.521	0.018	40.50661	-103.272
80723	7179	3047	7.52E+08	445179	290.306	0.172	40.16626	-103.555
80726	381	223	4.09E+08	2942871	157.985	1.136	40.90504	-102.793
80727	425	213	5.32E+08	101110	205.28	0.039	40.07118	-102.514
80728	878	417	9.39E+08	0	362.642	0	40.64487	-102.874
80729	540	307	1.87E+09	630674	721.885	0.244	40.88424	-104.269
80731	1494	768	9.75E+08	135926	376.272	0.052	40.59445	-102.6
80733	529	235	81847808	7025967	31.602	2.713	40.37139	-103.451
80734	3045	1355	1.26E+09	313398	487.405	0.121	40.51989	-102.292
80735	405	196	7.59E+08	7681057	292.875	2.966	39.70982	-102.273
80736	648	320	2.95E+08	170070	113.782	0.066	40.81182	-103.027
80737	1537	917	6.28E+08	36263	242.61	0.014	40.87614	-102.178
80740	108	71	4.27E+08	922413	165.024	0.356	39.72566	-103.383
80741	935	417	5.9E+08	3071611	227.608	1.186	40.57394	-103.477
80742	225	155	1.16E+09	25230	446	0.01	40.75232	-103.831
80743	1074	537	1.2E+09	55257	464.333	0.021	40.19679	-102.955
80744	488	276	3.36E+08	131823	129.816	0.051	40.87363	-102.392
80745	156	90	5.7E+08	35014	219.903	0.014	40.89644	-103.388
80746	29	19	686833	0	0.265	0	40.6096	-102.466
80747	462	209	4.56E+08	49867	175.923	0.019	40.94236	-103.086
80749	341	215	4.31E+08	3362648	166.383	1.298	40.86706	-102.547
80750	412	180	3.4E+08	2440033	131.367	0.942	40.41477	-103.605
80751	18857	7113	1.22E+09	10908651	469.753	4.212	40.63688	-103.232
80754	164	89	5.46E+08	107195	210.973	0.041	40.72311	-103.667
80755	163	75	2.87E+08	301686	110.664	0.116	39.9119	-102.345
80757	255	141	9.81E+08	1586405	378.934	0.613	39.79098	-103.583
80758	3795	1666	1.8E+09	1534750	694.248	0.593	40.13884	-102.193
80759	4698	2014	1.67E+09	717789	645.356	0.277	40.13524	-102.686
80801	154	94	4.02E+08	135200	155.08	0.052	39.73228	-103.101
80802	238	122	1.04E+09	66854	400.553	0.026	38.83695	-102.173
80804	327	204	8.68E+08	3669027	334.985	1.417	39.34684	-103.248
80805	453	193	4.34E+08	51803	167.669	0.02	39.30596	-102.456
80807	5304	1968	1.89E+09	962287	728.62	0.372	39.32167	-102.223

80808	6351	2620	9.18E+08	491294	354.356	0.19	38.98817	-104.303
80809	1519	877	1.31E+08	924318	50.487	0.357	38.85532	-105
80810	1127	554	1.38E+09	283493	533.48	0.109	38.82185	-102.445
80812	275	126	3.57E+08	1606696	137.916	0.62	39.619	-102.85
80813	2055	1397	2.85E+08	1371568	110.178	0.53	38.80557	-105.158
80814	4023	2100	2.56E+08	162896	98.726	0.063	38.9603	-105.19
80815	911	538	1.36E+09	3226642	525.596	1.246	39.39672	-103.063
80816	5180	3371	4.8E+08	2669901	185.233	1.031	38.85774	-105.316
80817	27311	9963	1.64E+08	329556	63.225	0.127	38.63858	-104.686
80818	343	184	7.49E+08	3247512	289.118	1.254	39.38591	-103.48
80819	921	720	21436616	8295	8.277	0.003	38.96251	-105.012
80820	806	822	7.65E+08	887009	295.552	0.342	38.79	-105.58
80821	1093	614	2.2E+09	8085307	847.781	3.122	38.97968	-103.382
80822	260	149	5.48E+08	288736	211.631	0.111	39.70015	-102.675
80823	203	126	1.06E+09	3778115	407.585	1.459	38.66346	-103.419
80824	207	120	2.79E+08	238220	107.91	0.092	39.65035	-102.507
80825	422	262	1.71E+09	6206421	659.282	2.396	38.79543	-102.832
80827	549	801	6.26E+08	12582493	241.664	4.858	39.05648	-105.468
80828	3341	1210	1.4E+09	2402185	540.833	0.927	39.33357	-103.73
80829	5476	3038	55850545	46993	21.564	0.018	38.82793	-104.936
80830	254	136	5.78E+08	12560	223.297	0.005	39.11425	-103.894
80831	21993	7623	4.92E+08	32023	189.972	0.012	38.98663	-104.488
80832	666	328	6.2E+08	97770	239.193	0.038	39.01718	-104.013
80833	754	366	1.23E+09	1825266	473.528	0.705	38.76323	-103.965
80834	318	213	7.44E+08	23665	287.195	0.009	39.2648	-102.884
80835	911	389	3.71E+08	11962	143.212	0.005	39.22117	-104.024
80836	1157	551	9.83E+08	226321	379.576	0.087	39.29807	-102.577
80840	6682	721	74829013	35008	28.892	0.014	38.99469	-104.862
80860	594	565	1.95E+08	1149709	75.187	0.444	38.70588	-105.088
80861	255	139	6.5E+08	38890	250.901	0.015	39.33186	-102.722
80862	31	24	3.56E+08	1236303	137.455	0.477	38.87318	-103.058
80863	11754	5536	3.21E+08	1734840	123.812	0.67	39.02	-105.114
80864	1325	614	6.44E+08	0	248.719	0	38.69767	-104.187
80902	12289	2932	37189434	30971	14.359	0.012	38.66937	-104.808
80903	15057	7479	12526816	4905	4.837	0.002	38.83149	-104.815
80904	19867	11028	24689363	167153	9.533	0.065	38.86083	-104.876
80905	16254	8378	12847421	5053	4.96	0.002	38.81891	-104.838
80906	37719	16297	1.21E+08	399190	46.629	0.154	38.75262	-104.878
80907	26758	13535	25602450	50224	9.885	0.019	38.87861	-104.826
80908	13827	5129	2.47E+08	152751	95.375	0.059	39.04648	-104.693
80909	35739	16973	21700823	5043	8.379	0.002	38.85348	-104.775
80910	28794	12690	15024086	222164	5.801	0.086	38.81207	-104.775
80911	30596	11126	31216535	1216253	12.053	0.47	38.75292	-104.723
80913	2988	0	68177199	112448	26.323	0.043	38.68747	-104.749
80914	386	0	1831139	4050	0.707	0.002	38.824	-104.704
80915	19519	8066	20155304	8832	7.782	0.003	38.8498	-104.717
80916	34640	13537	44484175	17208	17.175	0.007	38.80697	-104.708

80917	29273	12989	16896613	6031	6.524	0.002	38.88617	-104.745
80918	45467	18944	31026523	6317	11.979	0.002	38.91039	-104.78
80919	27398	11461	37043007	5329	14.302	0.002	38.92821	-104.853
80920	38569	13996	32741006	0	12.641	0	38.9576	-104.771
80921	18999	6960	2.25E+08	1931706	87.029	0.746	39.0162	-104.91
80922	26549	9427	15460506	0	5.969	0	38.89057	-104.701
80923	26105	9573	17676162	0	6.825	0	38.92686	-104.715
80924	4534	1605	14087629	15049	5.439	0.006	38.96801	-104.721
80925	5906	1970	60921127	40798	23.522	0.016	38.75776	-104.656
80926	1403	619	1.68E+08	6609	64.688	0.003	38.63473	-104.903
80927	604	241	11219940	0	4.332	0	38.92858	-104.658
80928	1202	489	8.52E+08	134016	328.783	0.052	38.6304	-104.402
80929	231	112	56183888	0	21.693	0	38.82471	-104.627
80930	821	337	94214870	0	36.377	0	38.81423	-104.502
80938	17	9	8627904	0	3.331	0	38.90471	-104.663
80939	0	0	1304282	0	0.504	0	38.87761	-104.677
80951	4202	1454	12167196	59661	4.698	0.023	38.89495	-104.652
81001	30498	13150	90353477	485003	34.886	0.187	38.29323	-104.536
81003	14939	6401	20788936	701826	8.027	0.271	38.27771	-104.626
81004	25540	12266	4.22E+08	3769184	162.907	1.455	38.04374	-104.714
81005	29975	13138	5.96E+08	6844802	230.249	2.643	38.19768	-104.81
81006	11513	4789	1.47E+08	2428803	56.639	0.938	38.23608	-104.501
81007	29709	11381	3.83E+08	5062391	147.981	1.955	38.36004	-104.773
81008	9641	4529	3.47E+08	556756	134.132	0.215	38.44162	-104.622
81019	1690	731	25710772	270752	9.927	0.105	37.9437	-104.842
81020	954	727	1.5E+09	156966	579.931	0.061	37.54885	-104.491
81021	14	16	5.66E+08	10034465	218.462	3.874	38.38761	-103.381
81022	1560	659	1.1E+09	3184561	426.095	1.23	38.05017	-104.423
81023	1236	829	3.26E+08	274918	126.031	0.106	38.05262	-104.964
81024	134	98	1.09E+08	0	41.96	0	37.24936	-104.735
81025	1071	577	1.42E+09	3921305	548.493	1.514	38.45505	-104.355
81027	125	90	1.6E+09	0	619.22	0	37.18935	-103.8
81029	326	224	1.42E+09	209324	548.621	0.081	37.08782	-102.496
81030	193	88	943780	207555	0.364	0.08	38.10074	-103.524
81033	155	79	837885	0	0.324	0	38.19489	-103.861
81036	962	551	1.95E+09	30576193	751.954	11.806	38.38847	-102.756
81038	486	0	299771	0	0.116	0	38.07924	-103.14
81039	1856	936	1.53E+09	2996371	590.131	1.157	37.93907	-104.085
81040	536	524	1.34E+09	426603	518.464	0.165	37.78398	-105.227
81041	760	393	1.19E+09	2848772	458.584	1.1	37.86747	-102.37
81043	61	35	3678185	0	1.42	0	38.1311	-102.221
81044	224	134	8.45E+08	15141645	326.159	5.846	37.92504	-102.951
81045	88	56	5.91E+08	2881151	228.312	1.112	38.48775	-103.165
81047	1559	773	1.55E+09	6097996	597.356	2.354	38.11118	-102.151
81049	289	194	3.33E+09	3052	1285.675	0.001	37.37876	-103.388
81050	9894	4680	1.39E+09	14351831	537.175	5.541	37.94023	-103.506
81052	9534	4448	1.72E+09	8014189	663.721	3.094	37.91802	-102.64

81054	5134	1809	2.47E+09	49817187	954.388	19.235	37.9457	-103.157
81055	1339	1679	6.66E+08	573120	257.221	0.221	37.49161	-105.112
81057	418	193	1.36E+08	2327193	52.363	0.899	38.12176	-102.883
81058	990	475	1.35E+08	2334979	52.088	0.902	38.09995	-103.883
81059	651	112	2.85E+09	424391	1099.746	0.164	37.50539	-104.021
81062	2439	374	6.19E+08	806913	238.847	0.312	38.29689	-103.964
81063	2726	823	1.07E+09	13246154	411.895	5.114	38.43071	-103.771
81064	282	178	1.25E+09	36068	483.142	0.014	37.22471	-102.999
81067	5670	2675	7.57E+08	7457545	292.133	2.879	37.93363	-103.778
81069	1888	1452	7.08E+08	576455	273.399	0.223	37.89327	-104.904
81071	334	182	1.47E+09	3541198	569.039	1.367	38.4362	-102.246
81073	1932	1085	1.66E+09	244558	640.065	0.094	37.42062	-102.712
81076	418	246	6.92E+08	18314018	267.201	7.071	38.34322	-103.602
81077	532	259	1179693	13232	0.455	0.005	38.01762	-103.631
81081	70	46	5.99E+08	177964	231.097	0.069	37.04816	-104.215
81082	12480	6259	1.55E+09	5759976	597.584	2.224	37.17891	-104.517
81084	137	98	6.24E+08	5021405	240.88	1.939	37.58441	-102.411
81087	145	80	1.04E+08	0	40.16	0	37.3659	-102.409
81089	4602	2727	1.79E+09	4670097	691.97	1.803	37.65158	-104.738
81090	981	596	1.65E+09	498132	637.662	0.192	37.3582	-102.222
81091	812	699	1.12E+09	753791	432.052	0.291	37.14899	-104.965
81092	865	393	2.19E+08	249562	84.47	0.096	38.19382	-102.752
81101	14675	6133	1.06E+09	1615149	409.367	0.624	37.48125	-105.833
81120	2267	1735	2.26E+09	8481292	872.086	3.275	37.22756	-106.319
81121	270	214	1.21E+08	0	46.809	0	37.10978	-107.439
81122	8228	4430	1.31E+09	11375076	507.324	4.392	37.35149	-107.476
81123	805	453	6.79E+08	3012690	262.287	1.163	37.39973	-105.572
81124	303	128	40567544	0	15.663	0	37.30624	-106.161
81125	3447	1480	6.98E+08	1824701	269.352	0.705	37.81926	-106.07
81126	276	176	50441749	0	19.476	0	37.15559	-105.335
81128	115	156	4.73E+08	299324	182.753	0.116	37.08223	-106.617
81129	156	87	10953267	0	4.229	0	37.10336	-106.029
81130	671	1350	2.45E+09	14236389	946.072	5.497	37.6204	-107.058
81131	1189	979	8.12E+08	616121	313.691	0.238	37.86541	-105.679
81132	3231	1830	1.75E+09	210067	676.359	0.081	37.71128	-106.429
81133	840	789	9.66E+08	753552	372.913	0.291	37.43013	-105.307
81136	261	126	2.42E+08	160485	93.368	0.062	37.73513	-105.828
81137	5225	2272	6.58E+08	16810133	254.229	6.49	37.05191	-107.614
81138	56	47	59045662	612025	22.798	0.236	37.03076	-105.62
81140	2341	1010	5.71E+08	80882	220.395	0.031	37.3135	-106.111
81141	1318	572	1.12E+08	31964	43.072	0.012	37.1623	-105.858
81143	672	433	8.53E+08	351200	329.494	0.136	38.04901	-105.857
81144	7344	3170	7.33E+08	547746	282.859	0.211	37.55344	-106.167
81146	531	295	5.85E+08	73295	225.94	0.028	37.62445	-105.684
81147	11446	8323	3.49E+09	17187030	1349.414	6.636	37.32286	-107.086
81148	404	156	604115	0	0.233	0	37.17182	-105.985
81149	838	619	2.16E+09	496040	834.942	0.192	38.10171	-106.346

81151	1470	656	5.81E+08	599956	224.166	0.232	37.2786	-105.808
81152	1434	1048	1.14E+09	4450637	440.691	1.718	37.11077	-105.402
81154	1148	1707	6.92E+08	338752	267.019	0.131	37.57479	-106.604
81155	225	251	8.2E+08	28247	316.756	0.011	38.28832	-106.074
81201	8645	4742	1.15E+09	554468	445.777	0.214	38.55483	-106.066
81210	275	672	1.33E+09	9323272	515.236	3.6	38.80868	-106.678
81211	7623	3788	1.19E+09	2632214	461.327	1.016	38.97342	-106.382
81212	29742	11914	1.6E+09	331277	617.438	0.128	38.53597	-105.4
81220	141	461	6.21E+08	2384107	239.923	0.921	38.30824	-107.481
81221	310	145	3881480	0	1.499	0	38.36235	-105.144
81222	263	184	79972395	11561	30.878	0.004	38.348	-105.831
81223	1639	1477	1.03E+09	25799	398.843	0.01	38.36475	-105.613
81224	3446	2376	4.04E+08	513255	155.94	0.198	38.87989	-106.934
81225	952	1690	2.13E+08	261474	82.056	0.101	38.95425	-106.904
81226	9066	2693	2.13E+08	1080385	82.112	0.417	38.32093	-105.143
81227	10	53	925408	0	0.357	0	38.54924	-106.29
81230	9075	5030	4.62E+09	39579518	1785.618	15.282	38.39507	-106.954
81231	715	5	162539	0	0.063	0	38.55002	-106.92
81232	23	17	4950753	0	1.911	0	38.28513	-105.61
81233	823	591	2.28E+08	105535	88.076	0.041	38.42597	-105.825
81235	802	1008	1.4E+09	2319184	539.78	0.895	38.01284	-107.299
81236	1017	1208	4.99E+08	826800	192.846	0.319	38.67543	-106.265
81237	82	110	90228242	0	34.837	0	38.60307	-106.614
81239	79	64	1.33E+08	0	51.176	0	38.50881	-106.664
81240	4323	1905	3.85E+08	496767	148.717	0.192	38.50035	-105.034
81241	78	367	52675608	3078	20.338	0.001	38.62287	-106.508
81242	606	286	5740092	0	2.216	0	38.50815	-106.075
81243	93	196	8.66E+08	553525	334.376	0.214	38.266	-107.192
81244	398	183	9549354	0	3.687	0	38.36293	-105.178
81248	48	157	6.67E+08	30778	257.513	0.012	38.4643	-106.378
81251	220	301	2.27E+08	9391807	87.681	3.626	39.11226	-106.478
81252	3830	3438	1.59E+09	3109015	615.755	1.2	38.11064	-105.428
81253	410	270	3.33E+08	297149	128.626	0.115	38.22659	-105.065
81301	28308	15079	1.94E+09	7407029	747.412	2.86	37.44108	-107.853
81303	7743	3372	5.59E+08	699825	215.742	0.27	37.12149	-107.885
81320	388	228	4.86E+08	49255	187.747	0.019	37.72014	-108.735
81321	14459	6486	1.09E+09	1152485	421.224	0.445	37.31297	-108.735
81323	4409	2581	1.85E+09	22506861	715.462	8.69	37.70284	-108.127
81324	1387	718	1.06E+09	10768	408.313	0.004	37.65845	-109.03
81325	121	139	1.48E+09	136716	569.902	0.053	37.91901	-108.727
81326	2193	1048	6.48E+08	215419	250.09	0.083	37.15638	-108.187
81327	639	296	89322982	1890360	34.488	0.73	37.51805	-108.661
81328	4069	2206	9.46E+08	3840148	365.22	1.483	37.36	-108.258
81330	26	58	1.69E+08	0	65.309	0	37.23125	-108.483
81331	476	224	6.32E+08	11318	243.922	0.004	37.44621	-108.907
81332	282	219	1.57E+08	57814	60.49	0.022	37.70034	-107.991
81334	1493	533	9.21E+08	15568	355.437	0.006	37.14614	-108.613

81335	131	64	70234634	0	27.118	0	37.49641	-108.757
81401	22437	10038	6.05E+08	440635	233.546	0.17	38.48415	-107.771
81403	10534	4671	1.43E+09	183218	552.471	0.071	38.36882	-107.957
81410	1655	771	59192154	923970	22.854	0.357	38.80461	-107.966
81411	55	39	2.57E+08	0	99.298	0	38.25086	-108.98
81413	5243	3008	5.45E+08	6628086	210.463	2.559	38.96693	-107.955
81415	1612	876	7.22E+08	3956436	278.821	1.528	38.63282	-107.638
81416	13874	5666	8.72E+08	5091415	336.765	1.966	38.7521	-108.137
81418	1714	772	53420239	490	20.626	0	38.8489	-107.988
81419	3883	1903	5.25E+08	1648948	202.859	0.637	38.88123	-107.745
81422	692	403	6.94E+08	0	268.11	0	38.34659	-108.711
81423	1480	803	1.28E+09	3841320	493.097	1.483	38.02316	-108.372
81424	1239	656	7.95E+08	77910	307.12	0.03	38.32656	-108.445
81425	5424	2035	9.93E+08	450245	383.411	0.174	38.4936	-108.247
81426	181	83	43825179	0	16.921	0	37.86821	-107.891
81427	1124	923	2.66E+08	136049	102.566	0.053	38.03053	-107.636
81428	3701	1907	5.68E+08	1163483	219.345	0.449	38.96299	-107.6
81429	181	99	5.93E+08	441494	228.941	0.17	38.32395	-108.876
81430	727	647	6.59E+08	273576	254.417	0.106	38.02219	-108.023
81431	460	249	4.34E+08	25903	167.391	0.01	38.11065	-108.57
81432	2682	1761	7.07E+08	1463494	273.028	0.565	38.11012	-107.75
81433	659	578	7.93E+08	1933470	306.267	0.747	37.76477	-107.586
81434	158	197	1.55E+09	2079145	598.498	0.803	38.96114	-107.349
81435	4965	5085	3.47E+08	1112715	133.841	0.43	37.90955	-107.869
81501	23465	10368	20575487	542426	7.944	0.209	39.07185	-108.547
81503	15250	6254	90872083	1090564	35.086	0.421	39.0298	-108.434
81504	28481	11374	29294793	196441	11.311	0.076	39.0796	-108.491
81505	9779	4325	2.61E+08	1060169	100.697	0.409	39.25583	-108.534
81506	10961	5442	33308403	12515	12.86	0.005	39.11483	-108.527
81507	15081	6453	2.85E+08	2291186	110.099	0.885	39.00894	-108.652
81520	13447	5359	53505117	266481	20.658	0.103	39.11094	-108.434
81521	15397	6140	3.83E+08	5087937	147.688	1.964	39.1233	-108.799
81522	139	104	7.77E+08	34003	299.998	0.013	38.61822	-108.913
81523	763	448	8.55E+08	571958	330.187	0.221	38.96875	-108.891
81524	2300	872	4.34E+08	3429006	167.607	1.324	39.27425	-108.787
81525	871	378	3.09E+08	55833	119.207	0.022	39.28671	-108.946
81526	5321	2432	1.34E+08	1896523	51.815	0.732	39.09693	-108.334
81527	2073	863	2.01E+09	3761005	777.541	1.452	38.79908	-108.47
81601	15442	6408	8.94E+08	3633800	345.307	1.403	39.60145	-107.304
81610	446	264	8.05E+08	222966	310.628	0.086	40.2797	-108.762
81611	9921	8103	1.11E+09	1033979	428.407	0.399	39.16036	-106.688
81612	20	24	6976106	0	2.693	0	39.13418	-106.837
81615	2839	2382	66349433	246360	25.618	0.095	39.22165	-106.928
81620	10450	8251	97162308	384517	37.515	0.148	39.5956	-106.513
81621	5914	2870	5.76E+08	3056079	222.371	1.18	39.40714	-106.88
81623	15235	6417	1.15E+09	1551749	444.992	0.599	39.23665	-107.162
81624	1537	788	1.45E+09	4350285	557.92	1.68	39.19491	-107.699

81625	12921	5609	3.98E+09	7788202	1537.84	3.007	40.74522	-107.695
81630	979	461	3.3E+09	3299736	1274.115	1.274	39.43387	-108.576
81631	8215	3234	6.34E+08	1516226	244.91	0.585	39.62939	-106.75
81632	10276	5057	3.16E+08	1417666	122.123	0.547	39.62917	-106.608
81633	19	14	3.44E+08	0	132.839	0	40.33832	-108.429
81635	5957	3068	7.54E+08	3283637	290.949	1.268	39.49516	-108.048
81637	7721	2764	1.97E+09	11035024	759.417	4.261	39.77782	-107.106
81638	112	89	4.35E+08	57588	167.961	0.022	40.31557	-107.549
81639	2463	1263	1.55E+09	1816441	600.098	0.701	40.50692	-107.239
81640	249	158	6.16E+09	11593273	2378.676	4.476	40.66773	-108.513
81641	3834	2088	4.4E+09	4960365	1698.995	1.915	40.08206	-107.748
81642	61	114	3.6E+08	4045606	139.151	1.562	39.31647	-106.656
81643	793	560	5.6E+08	1101761	216.151	0.425	39.06629	-108.152
81645	1121	603	4.39E+08	3579255	169.359	1.382	39.45561	-106.458
81646	184	96	1.89E+08	2540398	72.914	0.981	39.09724	-108.003
81647	7104	2733	9.48E+08	1561866	365.911	0.603	39.61053	-107.567
81648	2808	1212	3.19E+09	34261	1230.122	0.013	39.97013	-108.684
81649	277	150	2.05E+08	192427	79.158	0.074	39.53023	-106.278
81650	13006	4980	2.41E+09	3864941	929.45	1.492	39.75104	-108.114
81652	4904	1890	2.31E+08	1585112	89.002	0.612	39.48517	-107.655
81653	31	54	1.56E+08	87856	60.164	0.034	40.97578	-107.267
81654	1391	754	2.29E+08	892553	88.24	0.345	39.19754	-107.053
81655	65	37	3.62E+08	418112	139.86	0.161	39.78117	-106.46
81656	242	166	2717139	0	1.049	0	39.28385	-106.897
81657	5581	7611	2.88E+08	582381	111.205	0.225	39.676	-106.308
82001	35484	16584	1.53E+08	253752	58.955	0.098	41.09236	-104.936
82005	417	25	7616781	0	2.941	0	41.14025	-104.875
82007	19096	8194	5.08E+08	1425375	196.213	0.55	41.08307	-104.707
82009	31703	13368	3.21E+09	1832021	1239.969	0.707	41.37442	-104.854
82050	401	177	4.24E+08	34521	163.69	0.013	41.45763	-104.151
82051	60	41	8.95E+08	5834281	345.53	2.253	41.58193	-105.595
82052	23	13	35269485	0	13.618	0	41.11855	-105.309
82053	1524	665	5.87E+08	125478	226.53	0.048	41.25207	-104.359
82054	920	376	4.66E+08	61830	179.979	0.024	41.06427	-104.361
82055	285	395	3.02E+08	1946395	116.676	0.752	41.33242	-106.176
82058	52	55	8.02E+08	27300644	309.742	10.541	42.08708	-105.636
82059	135	105	2.18E+08	390136	84.072	0.151	41.05342	-105.179
82060	372	138	75720965	0	29.236	0	41.27739	-104.497
82061	39	25	5.45E+08	97486	210.27	0.038	41.44518	-105.161
82063	100	170	9.97E+08	2205066	384.837	0.851	40.88229	-105.997
82070	19766	9169	2.83E+09	32484666	1091.941	12.542	41.19548	-105.842
82072	15533	7665	5.59E+08	1169832	215.706	0.452	41.4148	-105.476
82073	72	0	5094	0	0.002	0	41.35676	-105.588
82081	60	43	2.33E+08	0	89.848	0	41.53364	-104.492
82082	1606	776	5.73E+08	60338	221.4	0.023	41.23532	-104.134
82083	373	291	1.28E+09	4951439	493.66	1.912	41.66257	-106.08
82084	16	56	1.9E+08	0	73.536	0	41.02539	-105.62

82190	369	332	7.7E+09	4.16E+08	2972.405	160.786	44.55261	-110.53
82201	6467	3465	4.46E+09	8455093	1721.695	3.265	42.01873	-105.149
82210	399	194	1.01E+09	177965	388.55	0.069	41.74393	-104.83
82212	474	295	8.73E+08	2499185	336.899	0.965	42.27861	-104.539
82213	513	509	1.25E+09	48609907	481.047	18.768	42.49479	-105.004
82214	1302	683	2.71E+08	3910652	104.634	1.51	42.25972	-104.78
82215	132	91	2.08E+08	8056095	80.493	3.11	42.382	-104.76
82217	107	74	2.34E+08	174273	90.16	0.067	41.76036	-104.136
82219	48	36	2.92E+08	0	112.654	0	42.49872	-104.513
82221	635	244	8.06E+08	3657776	311.363	1.412	41.63804	-104.328
82222	107	77	1.06E+09	836512	407.341	0.323	43.19614	-104.65
82223	996	459	3.89E+08	1059574	150.09	0.409	42.13033	-104.396
82224	23	14	3.48E+08	17069	134.416	0.007	43.02716	-104.808
82225	2067	1088	3.55E+09	2985174	1372.386	1.153	42.98571	-104.324
82227	241	132	9.76E+08	366266	376.954	0.141	42.75645	-104.724
82229	74	44	6.25E+08	128947	241.386	0.05	42.87805	-104.967
82240	10235	4450	1.72E+09	4346829	662.403	1.678	42.26523	-104.158
82242	39	24	1.81E+08	0	69.748	0	42.69454	-104.109
82243	187	83	1.41E+08	24668	54.279	0.01	41.99541	-104.429
82244	478	273	8.58E+08	5818848	331.351	2.247	41.88292	-104.43
82301	9584	4181	3.18E+09	6226878	1228.696	2.404	41.89202	-107.491
82321	717	358	6.82E+08	296108	263.211	0.114	41.23657	-107.741
82322	106	68	3901879	0	1.507	0	42.23774	-107.561
82323	186	112	73251114	58782	28.282	0.023	41.05246	-107.5
82324	268	209	6.3E+08	825958	243.172	0.319	41.67403	-106.412
82325	878	753	1.73E+09	2224353	668.287	0.859	41.24696	-106.713
82327	929	673	1.22E+09	41101757	472.449	15.869	42.15145	-106.695
82329	359	236	1.89E+09	2302347	730.406	0.889	42.07776	-106.081
82331	2286	1476	1.49E+09	7409943	574.29	2.861	41.37002	-106.797
82332	97	57	3.67E+08	116641	141.549	0.045	41.03608	-107.281
82334	501	338	6.28E+08	32754435	242.351	12.647	41.90104	-107.018
82335	21	14	2.94E+08	8867422	113.529	3.424	41.75378	-106.76
82336	498	310	1.69E+09	14190572	652.845	5.479	41.6982	-108.209
82401	7866	3428	1.53E+09	6604085	591.171	2.55	43.98857	-108.152
82410	1760	794	4.52E+08	2566105	174.553	0.991	44.35471	-108.119
82411	664	234	2.38E+08	0	91.948	0	44.41449	-108.458
82412	626	257	52787195	2048841	20.381	0.791	44.79685	-108.553
82414	15011	7656	7.3E+09	42150715	2818.831	16.274	44.49239	-109.594
82420	783	307	1.44E+08	46347	55.43	0.018	44.93433	-108.458
82421	448	210	1.2E+08	306900	46.348	0.118	44.90969	-108.599
82422	105	43	31054124	0	11.99	0	44.49766	-108.382
82423	233	117	48322451	5339	18.657	0.002	44.96621	-108.581
82426	2644	1343	1.45E+09	2916462	560.442	1.126	44.51259	-107.761
82428	139	115	5.5E+08	749009	212.306	0.289	44.32647	-107.511
82430	100	41	6297169	374521	2.431	0.145	43.81545	-108.185
82431	3552	1544	1.44E+09	37208102	554.673	14.366	44.84024	-108.164
82432	315	150	3.05E+08	3575276	117.583	1.38	44.203	-107.865

82433	789	473	2.2E+09	8175427	850.407	3.157	44.06112	-109.102
82434	156	61	90249947	638119	34.846	0.246	44.38289	-108.298
82435	11738	4985	2.19E+09	2914546	847.001	1.125	44.81063	-108.91
82440	145	67	881524	0	0.34	0	44.71975	-108.864
82441	250	151	3.05E+08	27652	117.938	0.011	44.64486	-107.769
82442	732	431	1.71E+09	1366256	660.941	0.528	43.8793	-107.322
82443	4697	2524	3.12E+09	5548573	1204.031	2.142	43.72665	-108.472
82450	177	124	83628221	0	32.289	0	44.50518	-109.436
82501	19408	7991	2.44E+09	77439975	940.816	29.9	43.03257	-108.207
82510	423	134	57291617	0	22.12	0	42.99405	-108.598
82512	210	141	1.07E+09	4267983	413.037	1.648	43.30156	-109.283
82513	1879	1550	3.98E+09	27742569	1537.467	10.711	43.62718	-109.668
82514	1645	528	5.66E+08	228864	218.562	0.088	43.03621	-108.931
82515	446	216	21496534	0	8.3	0	42.90373	-108.543
82516	496	209	6.17E+08	8640622	238.289	3.336	43.18844	-108.832
82520	13535	5959	5.71E+09	44779158	2204.12	17.289	42.69917	-108.619
82523	868	407	1.97E+09	21252592	758.998	8.206	43.46283	-108.823
82601	27400	12593	1.48E+09	5555850	570.127	2.145	43.08898	-106.382
82604	25882	10874	4.78E+09	18298813	1846.403	7.065	42.8576	-106.771
82609	15730	7072	1.52E+08	205299	58.531	0.079	42.8052	-106.181
82620	210	481	1.9E+09	40700796	734.414	15.715	42.46305	-107.107
82630	10	4	1.63E+08	343821	62.861	0.133	43.16517	-107.317
82633	9592	4484	8.16E+09	20626624	3152.455	7.964	43.02227	-105.41
82635	207	118	41304462	0	15.948	0	43.39815	-106.222
82636	3981	1680	2.39E+08	2017653	92.175	0.779	42.90612	-106.171
82637	4136	1875	2.49E+09	5796825	961.26	2.238	42.81434	-105.885
82638	17	10	30656021	203411	11.836	0.079	43.11452	-107.323
82639	805	449	4.36E+09	11356904	1683.41	4.385	43.71212	-106.613
82640	29	26	4.23E+08	144958	163.407	0.056	43.56383	-106.2
82642	94	74	1.31E+09	830287	506.84	0.321	43.24583	-107.6
82643	469	228	77180649	218687	29.8	0.084	43.43919	-106.26
82644	1480	726	2180862	2890	0.842	0.001	42.84061	-106.367
82646	20	14	1.04E+08	2087701	40.127	0.806	43.00093	-106.822
82648	56	52	1.42E+09	1701766	546.492	0.657	43.28105	-107.153
82649	1120	577	1.57E+09	17336687	604.626	6.694	43.30133	-108.053
82701	5455	2675	5.11E+09	3919574	1974.909	1.513	43.71164	-104.434
82710	243	149	7.11E+08	246910	274.535	0.095	44.70652	-104.249
82711	110	58	3.02E+08	0	116.758	0	44.70922	-104.459
82712	264	156	3.24E+08	0	125.245	0	44.45326	-104.122
82714	95	67	1.39E+08	0	53.617	0	44.57155	-104.7
82715	0	2	717618	0	0.277	0	44.11916	-104.133
82716	18747	8069	2.81E+09	2200709	1085.391	0.85	44.46464	-105.695
82718	23003	9018	4.88E+09	2512218	1882.947	0.97	43.87884	-105.622
82720	955	520	1.7E+09	1491647	654.79	0.576	44.796	-104.671
82721	3078	1444	2.03E+09	24422640	785.47	9.43	44.48184	-104.916
82723	278	158	2.52E+08	173764	97.409	0.067	44.00193	-104.423
82725	207	116	7.36E+08	894199	284.128	0.345	44.87679	-105.703

82727	1838	719	1.23E+09	1551804	476.173	0.599	44.32407	-105.198
82729	2251	1156	1.61E+09	330386	620.664	0.128	44.34318	-104.365
82730	1566	775	1.63E+09	1706870	629.928	0.659	44.04657	-104.704
82731	135	78	1.37E+09	2105168	529.312	0.813	44.82477	-105.292
82732	2154	928	2.78E+08	14997	107.148	0.006	43.70544	-105.62
82801	24558	11285	1.69E+09	1259835	653.75	0.486	44.84371	-106.836
82831	216	124	1.63E+09	9234594	630.241	3.565	44.6001	-106.05
82832	618	329	4.28E+08	483799	165.317	0.187	44.59485	-106.797
82833	225	209	2.54E+08	1671287	98.092	0.645	44.61128	-107.063
82834	7585	4014	5.61E+09	33274653	2166.775	12.847	44.23974	-106.659
82835	318	179	1.31E+09	1493712	506.337	0.577	44.75725	-106.352
82836	1073	590	1.32E+09	1733179	509.346	0.669	44.76633	-107.508
82837	29	18	1.21E+08	94067	46.746	0.036	44.77204	-106.256
82838	268	166	4.66E+08	446373	180.11	0.172	44.92568	-107.585
82839	1153	468	3.03E+08	635910	116.843	0.246	44.92581	-107.161
82842	843	654	38039151	6807	14.687	0.003	44.57301	-106.933
82844	35	15	47159724	58766	18.208	0.023	44.78257	-107.221
82845	37	23	1.54E+08	128806	59.521	0.05	44.76336	-106.673
82901	27971	11943	3.6E+09	221685	1388.518	0.086	41.37925	-108.978
82922	257	356	8.48E+08	136627	327.297	0.053	43.12648	-110.411
82923	558	497	2.84E+09	40743362	1094.68	15.731	42.65045	-109.463
82925	304	336	1.81E+09	34315256	699.302	13.249	43.23939	-109.906
82929	70	53	29578224	16117	11.42	0.006	41.55575	-109.844
82930	14614	6888	2.96E+09	19437644	1142.852	7.505	41.01567	-110.645
82932	836	391	1.34E+09	5966408	516.027	2.304	42.25411	-109.357
82933	759	349	1.82E+08	670035	70.43	0.259	41.29594	-110.438
82934	185	90	58501595	0	22.588	0	41.60409	-110.013
82935	13121	5258	4.22E+08	6894110	163.064	2.662	41.68857	-109.665
82936	49	27	3.36E+08	49449	129.714	0.019	41.06235	-110.184
82937	3654	1390	3.12E+08	1696611	120.636	0.655	41.3471	-110.265
82938	227	159	4.57E+08	77800378	176.349	30.039	41.09964	-109.889
82939	1861	727	2.05E+08	156794	79.055	0.061	41.21892	-110.346
82941	5028	2603	1.12E+09	40061902	433.811	15.468	42.90509	-109.74
82942	123	109	1.08E+08	309300	41.597	0.119	41.71429	-108.871
82943	301	158	1.89E+08	0	72.92	0	41.75464	-109.208
82944	216	174	5.09E+08	2557508	196.539	0.987	41.1621	-110.465
82945	351	193	3.32E+08	202248	128.243	0.078	41.74407	-109.051
83001	15851	8410	2.09E+09	10432421	807.814	4.028	43.39455	-110.63
83011	240	184	7.43E+08	4112225	287.003	1.588	43.52418	-110.456
83012	180	201	4.2E+08	14868998	162.295	5.741	43.73247	-110.791
83013	395	457	2.33E+09	1.29E+08	899.402	49.915	43.99378	-110.465
83014	3595	2544	5.54E+08	2436310	213.982	0.941	43.45615	-110.974
83025	400	603	34758376	485671	13.42	0.188	43.5936	-110.848
83101	3104	1677	1.95E+09	8186266	752.479	3.161	41.96428	-110.555
83110	4307	1753	3.82E+08	138894	147.583	0.054	42.7259	-110.849
83111	519	228	2.97E+08	180135	114.857	0.07	42.77175	-111.174
83112	666	313	3.58E+08	146026	138.038	0.056	42.92061	-110.832

83113	3278	1316	2.69E+09	9080189	1038.036	3.506	42.53186	-110.258
83114	828	344	9.93E+08	527066	383.381	0.204	42.20538	-110.977
83115	830	651	1.53E+09	2205229	589.227	0.851	42.89076	-110.316
83116	728	357	4021055	8101	1.553	0.003	41.769	-110.533
83118	1139	500	51166178	72901	19.755	0.028	43.04786	-110.998
83119	172	74	34419254	0	13.289	0	42.64392	-110.988
83120	471	226	3.89E+08	122804	150.246	0.047	42.91813	-111.119
83121	14	8	1091604	0	0.421	0	41.81972	-110.534
83122	494	195	33469896	0	12.923	0	42.82026	-110.947
83123	711	358	2.3E+08	1680073	88.682	0.649	42.22111	-110.25
83124	137	71	2.52E+08	14137	97.121	0.005	41.77311	-110.234
83126	334	180	1.6E+08	124281	61.77	0.048	42.59374	-110.831
83127	3041	1748	1.95E+08	25549	75.312	0.01	42.96043	-110.964
83128	1601	985	1.17E+09	5493340	452.358	2.121	43.0644	-110.777
83201	37199	15174	91680813	33595	35.398	0.013	42.90493	-112.38
83202	21608	7824	3.66E+08	316966	141.227	0.122	42.92551	-112.183
83203	309	111	35460854	0	13.692	0	43.04239	-112.496
83204	18026	7684	5.96E+08	1278346	230.013	0.494	42.85634	-112.63
83209	1175	238	1717136	0	0.663	0	42.85779	-112.426
83210	3449	1195	6.97E+08	52777572	269.209	20.378	43.01833	-112.866
83211	6374	2326	1.51E+09	56031769	583.116	21.634	42.70115	-113.028
83212	137	77	5.37E+08	109159	207.517	0.042	42.53879	-112.544
83213	1644	803	1.63E+09	1263405	629.144	0.488	43.53914	-113.267
83214	671	234	2.91E+08	280847	112.182	0.108	42.53985	-112.308
83215	26	47	202315	0	0.078	0	43.44316	-112.812
83217	843	383	7.63E+08	1069941	294.514	0.413	42.77786	-111.943
83218	338	122	1039366	0	0.401	0	43.31769	-112.165
83220	137	56	65915289	619955	25.45	0.239	42.37695	-111.424
83221	27021	9627	2.08E+09	7028741	804.276	2.714	43.32408	-112.552
83223	139	78	4775290	7570	1.844	0.003	42.18178	-111.407
83226	2504	1434	5.78E+09	8682200	2232.825	3.352	44.63196	-114.35
83227	142	168	1.02E+09	4080919	391.925	1.576	44.24891	-114.507
83228	522	185	1.73E+08	413396	66.797	0.16	42.23373	-112.06
83232	467	140	25452142	50130	9.827	0.019	42.13846	-111.971
83233	109	45	74249842	272618	28.668	0.105	42.13291	-111.237
83234	1213	533	7.13E+08	274847	275.223	0.106	42.42258	-112.101
83235	99	53	6.72E+08	427178	259.34	0.165	44.57599	-113.697
83236	2275	840	6.1E+08	1733958	235.525	0.669	43.19106	-111.872
83237	1146	385	57935180	182792	22.369	0.071	42.02745	-111.779
83238	109	63	1.93E+08	580139	74.57	0.224	42.32102	-111.116
83239	572	235	84793142	381591	32.739	0.147	42.51462	-111.307
83241	1980	802	5.43E+08	1889570	209.618	0.73	42.51485	-111.765
83243	80	41	1.93E+08	501994	74.589	0.194	42.29743	-112.651
83244	358	153	2.17E+09	2428694	839.292	0.938	44.1168	-113.124
83245	2257	825	2.72E+08	448258	105.111	0.173	42.81812	-112.208
83246	1069	767	3.36E+08	639349	129.639	0.247	42.61102	-112.025
83250	1637	670	1.98E+08	597485	76.519	0.231	42.67253	-112.205

83251	1097	782	2.49E+09	7389909	960.759	2.853	43.94243	-113.884
83252	4154	1838	2.4E+09	3490384	925.509	1.348	42.17441	-112.407
83253	165	107	2.18E+09	1265422	840.09	0.489	44.3152	-113.691
83254	3617	1793	1.24E+09	7550004	479.979	2.915	42.32879	-111.272
83255	1213	590	1.16E+09	1285474	448.107	0.496	43.6857	-113.584
83261	536	331	54123496	548150	20.897	0.212	42.21606	-111.433
83262	1386	491	5.38E+08	1998230	207.531	0.772	43.22576	-112.774
83263	9258	3363	1.04E+09	8538809	401.272	3.297	42.18125	-111.753
83271	531	219	6.72E+08	69224	259.372	0.027	42.4422	-112.913
83272	313	440	3.44E+08	94810092	132.738	36.606	42.1664	-111.509
83274	9246	3149	2.36E+08	1584903	91.12	0.612	43.34812	-112.098
83276	4097	1987	1.09E+09	68449102	422.428	26.428	42.75769	-111.516
83277	111	56	26593959	285148	10.268	0.11	43.0669	-112.667
83278	186	534	3.8E+09	23661692	1465.764	9.136	44.33634	-114.814
83281	93	43	1.06E+08	485762	40.923	0.188	42.32985	-111.965
83283	147	58	1.49E+08	2078884	57.386	0.803	42.3711	-111.632
83285	131	98	8.21E+08	46501709	317.146	17.954	43.07245	-111.327
83286	1241	393	1.88E+08	887993	72.591	0.343	42.06342	-112.016
83287	299	801	74536783	87907085	28.779	33.941	42.04225	-111.399
83301	52010	21053	7.3E+08	3938980	281.688	1.521	42.40056	-114.525
83302	196	162	1.72E+09	753813	665.443	0.291	42.22689	-115.009
83311	562	254	2.71E+08	435891	104.557	0.168	42.39174	-113.565
83312	168	86	3.34E+08	40450	128.878	0.016	41.97599	-113.651
83313	3625	1669	5.97E+08	11597560	230.695	4.478	43.35168	-114.257
83314	898	406	2.9E+08	2621290	111.944	1.012	42.98502	-114.952
83316	9626	4069	6.74E+08	4036092	260.25	1.558	42.60618	-114.88
83318	17226	6203	6.64E+08	7314180	256.411	2.824	42.43788	-113.816
83320	1006	447	1.5E+09	4897257	578.067	1.891	43.48146	-113.873
83321	550	245	2.26E+08	457301	87.257	0.177	42.4635	-114.915
83322	42	25	51371060	54170	19.834	0.021	43.3495	-114.979
83323	1951	685	7.08E+08	2503039	273.304	0.966	42.50359	-113.392
83324	788	236	2.28E+08	508893	87.932	0.196	42.87274	-114.272
83325	918	389	97612318	754807	37.688	0.291	42.58788	-114.241
83327	970	709	2.45E+09	10553023	946.945	4.075	43.4926	-114.809
83328	5347	2106	1.73E+08	1917926	66.865	0.741	42.57045	-114.613
83330	6599	2634	3.04E+08	1991766	117.458	0.769	42.95193	-114.708
83332	2361	1186	2.11E+08	6472100	81.428	2.499	42.80312	-114.925
83333	10472	5025	8.88E+08	2061127	343.016	0.796	43.5683	-114.311
83334	2060	760	2.05E+08	1224607	79.189	0.473	42.44446	-114.292
83335	1840	686	2.63E+08	5464929	101.688	2.11	42.57958	-114.067
83336	4951	1877	96583532	4988097	37.291	1.926	42.56468	-113.825
83337	33	34	6.08E+08	284505	234.596	0.11	43.22407	-115.152
83338	19782	7067	7.13E+08	4859095	275.392	1.876	42.7251	-114.432
83340	4682	5187	1.44E+09	7755423	555.793	2.994	43.70643	-114.618
83341	6491	2327	2.6E+08	1212285	100.575	0.468	42.41913	-114.371
83342	1371	543	3.2E+09	1345948	1235.222	0.52	42.17747	-113.255
83344	1128	412	2.98E+08	1497785	114.975	0.578	42.44692	-114.138

83346	1442	546	8.07E+08	2672142	311.519	1.032	42.27832	-113.82
83347	3258	1234	5.44E+08	4675030	210.02	1.805	42.66362	-113.809
83348	132	74	1.72E+08	199634	66.39	0.077	43.24947	-114.108
83349	1062	414	1.88E+08	1379158	72.762	0.532	43.09659	-114.181
83350	12268	4697	7.74E+08	22774626	298.89	8.793	42.69433	-113.58
83352	3330	1485	5.66E+08	3446666	218.691	1.331	43.07009	-114.412
83353	1335	2469	23211253	31179	8.962	0.012	43.69228	-114.321
83354	18	21	49743	0	0.019	0	43.67019	-114.322
83355	5405	1867	2.97E+08	2547690	114.861	0.984	42.75744	-114.722
83401	37966	13664	4.05E+08	4186797	156.281	1.617	43.54241	-111.878
83402	26069	10427	3.93E+08	4251649	151.673	1.642	43.53456	-112.174
83404	21606	8725	69186526	94195	26.713	0.036	43.42278	-112.012
83406	15902	5494	2.6E+08	2093440	100.467	0.808	43.44395	-111.812
83414	544	303	8.87E+08	4651449	342.66	1.796	43.9053	-110.943
83420	2539	1221	1.18E+09	11244057	454.577	4.341	44.07747	-111.346
83421	319	135	37270777	664646	14.39	0.257	44.02011	-111.529
83422	3392	1960	3.48E+08	576255	134.469	0.222	43.72857	-111.231
83423	860	408	9.85E+08	274842	380.449	0.106	44.30009	-112.281
83424	290	138	1.51E+08	307814	58.461	0.119	43.90995	-111.168
83425	581	199	2.55E+08	12333744	98.518	4.762	43.9122	-112.242
83427	1372	447	1935761	0	0.747	0	43.52461	-111.933
83428	416	449	5.57E+08	18220387	214.977	7.035	43.47311	-111.169
83429	1048	3815	1.46E+09	62053258	561.82	23.959	44.4772	-111.398
83431	876	324	32670361	557685	12.614	0.215	43.68843	-112.033
83433	44	191	2732388	0	1.055	0	44.48448	-111.333
83434	1741	627	1.08E+08	5966354	41.679	2.304	43.75265	-112.006
83435	653	230	3.59E+08	105995	138.602	0.041	43.98886	-112.569
83436	491	180	2.42E+08	657052	93.56	0.254	43.85716	-111.472
83440	34610	10622	4.42E+08	8497630	170.516	3.281	43.81469	-111.823
83442	19250	6274	2.39E+08	4725041	92.449	1.824	43.67118	-111.894
83443	1107	459	8.39E+08	7386238	323.857	2.852	43.51595	-111.518
83444	1381	471	3.97E+08	3199655	153.459	1.235	43.71941	-112.302
83445	7406	2544	4.9E+08	5573295	189.129	2.152	43.97929	-111.767
83446	48	73	1.8E+08	43835	69.653	0.017	44.47257	-112.188
83448	2451	707	76806287	344835	29.655	0.133	43.85	-111.693
83449	249	215	9.59E+08	10075672	370.157	3.89	43.25905	-111.417
83450	1104	357	2.47E+08	3433886	95.385	1.326	43.83065	-112.406
83451	791	313	35769603	143346	13.811	0.055	43.86656	-111.633
83452	1484	818	3.43E+08	1228697	132.486	0.474	43.83542	-111.218
83454	531	168	919923	0	0.355	0	43.59542	-111.952
83455	4970	2551	3E+08	744908	115.73	0.288	43.61404	-111.184
83460	860	0	625021	0	0.241	0	43.81702	-111.782
83462	464	256	2.79E+08	918233	107.545	0.355	45.30118	-113.809
83463	130	129	4.14E+08	18254	159.755	0.007	45.58257	-114.054
83464	345	273	2.74E+09	533952	1058.864	0.206	44.52595	-113.25
83465	109	78	4.81E+08	460515	185.524	0.178	44.78489	-113.675
83466	273	243	7.53E+08	2347917	290.596	0.907	45.41485	-114.047

83467	6270	3398	1.96E+09	5558865	757.499	2.146	44.9806	-113.897
83468	170	110	4.2E+08	17350	162.315	0.007	44.92226	-113.592
83469	32	88	1.2E+09	482281	465.221	0.186	45.38815	-114.421
83501	34230	15092	7E+08	14218072	270.108	5.49	46.21012	-116.929
83520	194	105	29967550	4925051	11.571	1.902	46.54631	-116.325
83522	2215	850	1.09E+09	4647406	422.619	1.794	45.9196	-116.512
83523	759	388	4.91E+08	165824	189.527	0.064	46.2489	-116.444
83524	989	468	3.28E+08	8929	126.745	0.003	46.36573	-116.666
83525	376	591	2.6E+09	2806777	1003.12	1.084	45.80374	-115.51
83526	278	113	94796885	7137	36.601	0.003	46.14776	-116.412
83530	5404	2545	9.32E+08	1752235	359.782	0.677	45.91993	-116.084
83533	178	72	65950338	25823	25.464	0.01	46.0945	-116.237
83535	1089	546	1.38E+08	2616858	53.442	1.01	46.5342	-116.724
83536	4230	2059	5.68E+08	3331412	219.454	1.286	46.22438	-116.001
83537	1044	584	4.29E+08	278149	165.486	0.107	46.6376	-116.551
83539	2001	1090	7.28E+09	26388670	2810.574	10.189	46.17786	-114.98
83540	2190	824	2.37E+08	965347	91.646	0.373	46.34521	-116.783
83541	1076	635	2.56E+08	10615672	99.003	4.099	46.51338	-116.469
83542	129	104	1.98E+08	1445974	76.603	0.558	45.56914	-116.357
83543	717	325	3.54E+08	131829	136.706	0.051	46.2732	-116.233
83544	6092	2784	6.1E+08	24786651	235.531	9.57	46.49732	-116.143
83545	484	234	1.16E+08	355418	44.967	0.137	46.42642	-116.422
83546	587	367	1.09E+08	50179	42.125	0.019	46.56001	-115.822
83547	219	169	2.51E+08	1662734	96.865	0.642	45.17352	-116.218
83548	117	55	71165160	3823	27.477	0.001	46.36093	-116.505
83549	908	613	1.62E+09	8116758	624.195	3.134	45.34417	-116.191
83552	1225	622	2.24E+08	705714	86.334	0.272	46.00806	-115.933
83553	1100	590	2.77E+08	247760	106.803	0.096	46.38362	-115.891
83554	638	435	5.86E+08	3972383	226.339	1.534	45.7143	-116.271
83555	564	398	5.33E+08	1239548	205.721	0.479	46.12754	-116.689
83601	41	116	9.97E+08	3654427	384.887	1.411	43.89117	-115.26
83602	24	43	47395190	260026	18.299	0.1	44.0706	-116.109
83604	762	342	2.72E+09	28243804	1048.541	10.905	42.51535	-115.748
83605	39649	14190	72161275	661343	27.862	0.255	43.66191	-116.656
83607	21732	7877	5.76E+08	21968226	222.427	8.482	43.70941	-116.751
83610	946	549	1.03E+09	10913313	397.717	4.214	44.74344	-116.773
83611	2453	3308	5.88E+09	1.11E+08	2270.044	42.781	44.72728	-115.368
83612	1925	1225	1.78E+09	9241873	687.71	3.568	44.91958	-116.589
83615	1571	2083	2.02E+08	22606602	77.951	8.728	44.72024	-116.055
83616	22780	8644	2.76E+08	1924101	106.425	0.743	43.77556	-116.395
83617	15422	6557	6.07E+08	8824129	234.456	3.407	43.93689	-116.505
83619	7201	2768	84079258	2323526	32.463	0.897	43.9661	-116.91
83622	1737	1744	6.89E+08	2238152	266.091	0.864	44.10337	-115.898
83623	1517	781	5.48E+08	2514531	211.619	0.971	43.08203	-115.393
83624	1195	530	6.71E+08	7613701	258.931	2.94	42.9009	-116.158
83626	1192	456	16662744	116738	6.434	0.045	43.6675	-116.832
83627	620	278	2.53E+08	7167534	97.699	2.767	42.91784	-115.547

83628	4329	1624	2.08E+08	1407124	80.138	0.543	43.59544	-116.986
83629	1721	749	4.8E+08	2229454	185.204	0.861	43.91184	-116.13
83631	1333	974	4.2E+08	38338	162.077	0.015	43.86544	-115.64
83632	214	144	3.23E+08	1771978	124.707	0.684	44.54001	-116.413
83633	540	260	4.33E+08	5402396	167.256	2.086	43.01365	-115.221
83634	24494	6623	3.88E+08	1575894	149.794	0.608	43.45578	-116.328
83636	153	57	6681555	500494	2.58	0.193	43.90891	-116.664
83637	206	464	1.14E+09	5324374	440.093	2.056	44.10926	-115.249
83638	5903	6341	1.05E+09	33479750	403.629	12.927	45.06698	-115.965
83639	3300	1254	6.13E+08	3200533	236.768	1.236	43.39738	-116.867
83641	3438	1294	4.21E+08	7805601	162.535	3.014	43.3541	-116.585
83642	37008	13692	1.06E+08	247315	41.062	0.095	43.5688	-116.404
83643	129	80	57907041	216735	22.358	0.084	44.63215	-116.441
83644	9976	3636	1.31E+08	251249	50.643	0.097	43.75096	-116.58
83645	636	333	1.16E+09	15344607	447.684	5.925	44.36897	-116.583
83646	47098	16254	71369309	443282	27.556	0.171	43.64956	-116.432
83647	20789	9476	3.76E+09	36619247	1451.83	14.139	43.40029	-115.523
83648	3238	1125	25667492	313077	9.91	0.121	43.04958	-115.866
83650	552	391	4.15E+09	8289324	1603.623	3.201	42.85344	-116.674
83651	28611	11318	38522283	117355	14.874	0.045	43.58775	-116.62
83654	1672	1185	6.51E+08	938987	251.413	0.363	45.10995	-116.359
83655	4397	1651	1.51E+08	2329855	58.312	0.9	43.95127	-116.79
83656	582	213	1141948	21428	0.441	0.008	43.72647	-116.799
83657	174	113	4.05E+08	435741	156.4	0.168	44.22303	-116.296
83660	5890	2244	3.11E+08	4670353	119.975	1.803	43.79772	-116.93
83661	9881	4116	6.07E+08	3842104	234.461	1.483	44.08072	-116.709
83666	52	77	25263226	0	9.754	0	43.96333	-115.976
83669	7365	2688	51260666	411258	19.792	0.159	43.71972	-116.495
83670	553	228	1.91E+08	1069927	73.929	0.413	44.01863	-116.313
83671	33	150	2.68E+09	8572844	1033.976	3.31	45.28274	-115.271
83672	8583	3631	1.57E+09	26792644	607.486	10.345	44.37414	-116.957
83676	4347	1623	1.05E+08	2890014	40.674	1.116	43.65604	-116.908
83677	44	143	9.23E+08	2429437	356.304	0.938	45.08069	-115.481
83686	46224	16819	2.3E+08	8820466	88.83	3.406	43.49222	-116.608
83687	29697	10611	1.29E+08	461549	49.709	0.178	43.60997	-116.529
83702	22293	11774	1.05E+08	392750	40.687	0.152	43.67644	-116.152
83703	16565	7912	22228710	317207	8.583	0.122	43.66557	-116.243
83704	39628	17064	22687581	101533	8.76	0.039	43.62716	-116.288
83705	26631	12983	37199107	139730	14.363	0.054	43.56159	-116.215
83706	29732	14929	19355429	335057	7.473	0.129	43.59113	-116.194
83709	50034	18539	90048096	114548	34.768	0.044	43.55111	-116.29
83712	8148	3853	59452922	225706	22.955	0.087	43.61493	-116.108
83713	28103	10685	17440160	45618	6.734	0.018	43.63977	-116.334
83714	20290	9112	1.26E+08	1421390	48.737	0.549	43.73268	-116.288
83716	14523	6174	1.34E+09	14544675	516.137	5.616	43.54607	-115.944
83801	6150	2500	3.85E+08	555791	148.541	0.215	47.93684	-116.666
83802	68	104	1.42E+09	2967030	549.644	1.146	47.04988	-115.572

83803	744	860	1.64E+08	1.38E+08	63.455	53.411	48.0315	-116.444
83804	1254	879	1.36E+08	809244	52.347	0.312	48.04527	-116.971
83805	7437	3545	2.08E+09	20238698	801.391	7.814	48.86705	-116.541
83806	220	112	51538078	10124	19.899	0.004	46.89406	-116.361
83808	147	146	4.82E+08	1139768	186.004	0.44	47.33291	-116.012
83809	401	176	36290535	0	14.012	0	48.0636	-116.574
83810	1189	604	3.63E+08	5685582	140.051	2.195	47.54248	-116.451
83811	1411	862	4.71E+08	10528644	181.697	4.065	48.10796	-116.138
83812	66	70	1.34E+08	114269	51.703	0.044	47.02323	-116.234
83813	1158	629	1.18E+08	3299048	45.543	1.274	48.08504	-116.673
83814	23371	12287	5.14E+08	40829222	198.347	15.764	47.69174	-116.654
83815	31015	13021	41943201	77930	16.194	0.03	47.72628	-116.79
83821	210	1054	72141982	91397622	27.854	35.289	48.53898	-116.851
83822	2006	880	85644818	2248567	33.068	0.868	48.17955	-116.99
83823	1318	626	4.06E+08	275977	156.57	0.107	46.82127	-116.545
83824	348	135	1.37E+08	0	52.97	0	47.1136	-116.91
83825	190	147	1132355	1726300	0.437	0.667	48.24578	-116.595
83826	45	26	10908197	0	4.212	0	48.97612	-116.189
83827	143	178	24636817	346510	9.512	0.134	46.77861	-116.174
83830	733	377	1.5E+08	69130	57.809	0.027	47.08673	-116.365
83832	1524	639	3.77E+08	45678	145.57	0.018	46.55229	-116.91
83833	1164	1567	2.75E+08	65597106	106.368	25.327	47.50995	-116.718
83834	254	119	2.58E+08	75723	99.483	0.029	46.9907	-116.64
83835	19990	9031	2.76E+08	16378122	106.667	6.324	47.79721	-116.66
83836	1033	916	2.43E+08	53086649	93.858	20.497	48.25094	-116.269
83837	3063	1671	1.79E+08	263951	69.04	0.102	47.50562	-116.111
83839	1417	686	2.8E+08	2197764	108.184	0.849	47.6095	-116.164
83840	227	110	217917	0	0.084	0	48.31057	-116.515
83841	338	231	12873171	0	4.97	0	48.20152	-116.751
83842	148	89	50526817	4666373	19.509	1.802	47.44484	-116.547
83843	25866	11395	3.13E+08	95050	120.675	0.037	46.72225	-116.94
83844	1353	8	91212	0	0.035	0	46.73007	-117.015
83845	1742	783	2.44E+08	1813299	94.041	0.7	48.78903	-116.115
83846	770	466	1.23E+08	244393	47.356	0.094	47.48071	-115.767
83847	1719	792	2.95E+08	1233244	113.819	0.476	48.57786	-116.449
83848	137	500	81979160	9245726	31.652	3.57	48.67221	-116.892
83849	1925	938	50516644	108050	19.505	0.042	47.53811	-115.992
83850	2129	1057	1.81E+08	44533	69.948	0.017	47.45434	-116.234
83851	1691	845	3.13E+08	4582039	120.925	1.769	47.29688	-116.923
83852	884	510	3894580	24592	1.504	0.009	48.31108	-116.543
83854	37245	14988	1.95E+08	4869064	75.097	1.88	47.71929	-116.967
83855	2111	969	2.87E+08	318647	110.979	0.123	46.99481	-116.888
83856	6340	3850	9.15E+08	15225568	353.297	5.879	48.29849	-116.908
83857	691	298	1.66E+08	115648	64.043	0.045	46.89656	-116.796
83858	13656	5791	3.06E+08	4514335	118.263	1.743	47.86313	-116.949
83860	6119	3618	3.08E+08	1.12E+08	119.062	43.304	48.18056	-116.536
83861	6360	3241	1.32E+09	14450710	509.093	5.579	47.2646	-116.541

83864	17076	9193	1.19E+09	53449795	458.566	20.637	48.45528	-116.512
83866	320	168	1.71E+08	0	65.875	0	47.15505	-116.425
83867	616	283	11666396	15610	4.504	0.006	47.51297	-115.945
83868	769	436	24800417	325757	9.575	0.126	47.51629	-116.183
83869	4161	1966	1.56E+08	5762386	60.235	2.225	47.98234	-116.892
83870	312	182	1.85E+08	0	71.443	0	47.12587	-116.832
83871	1938	822	2.89E+08	521281	111.596	0.201	46.74194	-116.743
83872	705	305	1.07E+08	293140	41.349	0.113	46.8675	-116.977
83873	1591	1054	5.35E+08	859107	206.751	0.332	47.58286	-115.844
83874	64	48	1.14E+08	4018	44.098	0.002	47.64335	-115.804
83876	1442	1380	3.09E+08	25528878	119.487	9.857	47.45747	-116.931
84001	725	272	58467850	114552	22.575	0.044	40.34669	-110.276
84002	302	106	1.4E+08	35411	53.875	0.014	40.45205	-110.307
84003	42384	11467	1.5E+08	177362	57.846	0.068	40.47156	-111.681
84004	9818	2606	75922497	26992	29.314	0.01	40.50824	-111.752
84005	21410	5544	79870577	0	30.838	0	40.32512	-111.997
84006	826	308	54185509	0	20.921	0	40.60148	-112.117
84007	740	267	1.18E+08	1724500	45.62	0.666	40.3237	-110.208
84010	44821	16038	38981778	54636	15.051	0.021	40.86794	-111.868
84013	1011	304	1.04E+08	32491	40.026	0.013	40.29592	-112.094
84014	15268	4997	14214416	39121	5.488	0.015	40.93209	-111.884
84015	62494	19887	54611153	158231	21.085	0.061	41.12037	-112.061
84017	3556	1889	1.23E+09	11003736	473.185	4.249	40.9296	-111.224
84018	179	55	3.89E+08	0	150.092	0	41.21521	-111.446
84020	39765	12123	65228642	38827	25.185	0.015	40.50015	-111.87
84021	3323	2423	1.72E+09	13289967	664.874	5.131	40.10824	-110.534
84022	896	555	8.34E+08	10559643	322.197	4.077	40.39165	-112.627
84023	266	265	3.99E+08	3094300	154.218	1.195	40.93903	-109.19
84024	63	36	20321263	0	7.846	0	41.00766	-111.447
84025	18255	5343	31625996	437200	12.211	0.169	40.9808	-111.905
84026	1668	583	1.09E+08	1807957	42.254	0.698	40.28278	-109.838
84027	452	1108	5.28E+08	401718	203.838	0.155	40.15375	-110.82
84028	824	1967	1.26E+08	81030368	48.634	31.286	41.92826	-111.418
84029	9473	3112	8.8E+08	282443	339.743	0.109	40.64595	-112.738
84031	259	383	7.97E+08	4940863	307.617	1.908	40.56488	-110.809
84032	17249	6787	8.12E+08	12390681	313.607	4.784	40.53941	-111.321
84033	1032	351	1.36E+08	0	52.58	0	40.98561	-111.501
84034	209	126	1.54E+09	36715	593.551	0.014	40.05908	-113.878
84035	748	314	1.48E+09	9727203	572.955	3.756	40.36629	-109.2
84036	6045	3049	8.24E+08	4371573	318.023	1.688	40.67589	-111.016
84037	33369	9506	48332407	214870	18.661	0.083	41.02718	-111.951
84038	347	372	1.13E+08	62345482	43.568	24.072	41.9227	-111.306
84039	1102	382	2.79E+08	1233474	107.693	0.476	40.47956	-109.804
84040	23026	7252	27730671	340770	10.707	0.132	41.09234	-111.928
84041	44625	15228	38231214	116889	14.761	0.045	41.06992	-111.981
84042	10094	2608	20818744	0	8.038	0	40.34077	-111.725
84043	49030	13505	80603815	942686	31.121	0.364	40.40912	-111.873

84044	26524	8098	1.23E+08	73391046	47.598	28.336	40.72115	-112.165
84045	16875	4457	52746599	108625	20.366	0.042	40.3365	-111.911
84046	793	844	3.33E+08	4460750	128.682	1.722	40.92095	-109.831
84047	28936	12425	16157178	8861	6.238	0.003	40.61718	-111.895
84049	4372	2641	2.16E+08	10472145	83.362	4.043	40.52365	-111.52
84050	9290	2946	9.73E+08	2929087	375.486	1.131	41.02259	-111.677
84051	402	149	1.36E+08	101145	52.356	0.039	40.3868	-110.423
84052	1403	585	3.78E+08	414352	146.122	0.16	40.16655	-109.998
84053	1115	389	1.47E+08	54866	56.636	0.021	40.45467	-110.01
84054	16196	5595	21493886	190651	8.299	0.074	40.83889	-111.917
84055	1406	1607	4.03E+08	1385982	155.453	0.535	40.70804	-111.198
84056	3310	1000	24485806	57739	9.454	0.022	41.12913	-111.992
84057	36666	11347	16349627	0	6.313	0	40.31428	-111.71
84058	30540	9444	30761356	1153440	11.877	0.445	40.28774	-111.728
84060	7596	9520	72665509	630492	28.056	0.243	40.65253	-111.502
84061	391	186	77923403	28659	30.086	0.011	40.75216	-111.33
84062	43269	12319	1.05E+08	70564	40.699	0.027	40.44115	-111.67
84063	334	138	8.4E+08	14838577	324.306	5.729	39.84959	-109.681
84064	692	314	4.01E+08	385703	154.825	0.149	41.67927	-111.138
84065	38168	9819	54003593	8580	20.851	0.003	40.49579	-111.943
84066	11283	3894	4.34E+08	1424000	167.67	0.55	40.32834	-110.027
84067	37444	12791	21301336	4451	8.224	0.002	41.17105	-112.048
84069	505	209	1.66E+08	670	64.055	0	40.39369	-112.523
84070	24861	9530	18635445	0	7.195	0	40.57711	-111.889
84071	1175	407	2.77E+08	2163646	107.128	0.835	40.39386	-112.307
84072	372	332	3.1E+08	0	119.541	0	40.35541	-110.66
84073	191	82	44075289	19851	17.018	0.008	40.35465	-110.435
84074	44310	14385	2.83E+08	567216	109.208	0.219	40.5579	-112.265
84075	24506	6586	36655006	409293	14.153	0.158	41.08099	-112.081
84076	390	115	46486308	0	17.948	0	40.46646	-109.846
84078	25851	9548	2.4E+09	10568987	927.444	4.081	40.63044	-109.483
84080	304	108	90689417	189085	35.015	0.073	40.10025	-112.43
84081	40732	11425	37919622	0	14.641	0	40.6028	-112.038
84082	743	296	2.77E+08	0	107.134	0	40.36581	-111.395
84083	1516	658	5.42E+09	1677939	2092.757	0.648	40.81562	-113.569
84084	37247	12110	19989848	0	7.718	0	40.62289	-111.965
84085	531	198	2.52E+08	1039930	97.197	0.402	40.5907	-109.952
84086	401	173	2.59E+08	110047	99.977	0.042	41.47368	-111.233
84087	13983	4252	33583418	1784707	12.967	0.689	40.88493	-111.932
84088	35603	10964	24395069	0	9.419	0	40.59516	-111.961
84092	29525	9771	1.42E+08	200387	54.72	0.077	40.55413	-111.706
84093	23130	7602	14046164	0	5.423	0	40.59477	-111.829
84094	28069	9297	13223087	0	5.105	0	40.57187	-111.862
84095	50566	14987	58665239	196996	22.651	0.076	40.5553	-111.979
84096	33396	9358	1.82E+08	128519	70.232	0.05	40.51583	-112.102
84097	21322	6249	15555370	0	6.006	0	40.30483	-111.673
84098	17282	9827	2.13E+08	35652	82.088	0.014	40.73357	-111.533

84101	5277	2916	4712265	0	1.819	0	40.75638	-111.9
84102	17421	9789	4594063	0	1.774	0	40.76025	-111.864
84103	21084	11459	39082615	0	15.09	0	40.79508	-111.843
84104	24869	7579	54996101	19163	21.234	0.007	40.75149	-111.98
84105	22140	10005	7872934	0	3.04	0	40.73831	-111.86
84106	33384	14836	15641079	0	6.039	0	40.70676	-111.856
84107	30863	13866	19430237	0	7.502	0	40.65802	-111.884
84108	20738	8502	1.78E+08	381006	68.814	0.147	40.80853	-111.729
84109	23858	9385	1.6E+08	7263	61.585	0.003	40.70581	-111.705
84111	10744	6470	3713794	0	1.434	0	40.75596	-111.884
84112	1942	388	2229459	0	0.861	0	40.76507	-111.841
84113	245	14	611596	0	0.236	0	40.76466	-111.834
84115	24668	10892	15947145	0	6.157	0	40.7145	-111.893
84116	33297	10535	97250648	202629	37.549	0.078	40.80164	-111.957
84117	24305	10722	14815378	0	5.72	0	40.66103	-111.835
84118	68295	20084	44361298	0	17.128	0	40.65353	-112.013
84119	53077	17547	31234881	136726	12.06	0.053	40.70026	-111.946
84120	48956	13994	26348282	0	10.173	0	40.69747	-112.001
84121	41702	17183	1.67E+08	418283	64.379	0.161	40.61165	-111.715
84123	37900	14770	21291280	0	8.221	0	40.65889	-111.922
84124	21295	8354	15042373	0	5.808	0	40.6772	-111.813
84128	27983	7503	26489343	0	10.228	0	40.70045	-112.047
84144	0	0	58280	0	0.023	0	40.76826	-111.893
84180	0	0	59013	0	0.023	0	40.77044	-111.901
84301	883	299	11365227	0	4.388	0	41.60819	-112.13
84302	23703	8203	1.49E+08	1420401	57.575	0.548	41.55361	-112.051
84304	40	18	32185975	1416668	12.427	0.547	41.81941	-111.998
84305	751	257	1.08E+08	0	41.631	0	41.94403	-112.076
84306	318	113	45748227	58176	17.663	0.022	41.79544	-112.042
84307	1375	501	1.14E+09	7278842	441.728	2.81	41.45857	-112.505
84308	325	101	63672752	128985	24.584	0.05	41.96778	-112.009
84309	535	205	22097978	0	8.532	0	41.7141	-112.099
84310	4111	2287	2.92E+08	4017014	112.724	1.551	41.33567	-111.847
84311	714	248	18170696	0	7.016	0	41.82362	-112.116
84312	4028	1297	60705242	87465	23.438	0.034	41.77383	-112.153
84313	68	103	7.39E+08	347983	285.318	0.134	41.66014	-113.962
84314	1031	330	20869994	0	8.058	0	41.64834	-112.093
84315	7581	2284	45958088	2412546	17.745	0.931	41.16751	-112.138
84316	254	109	4.2E+08	513270	162.066	0.198	41.77097	-112.484
84317	2304	2355	5.58E+08	6760925	215.553	2.61	41.308	-111.62
84318	3918	1128	11796634	0	4.555	0	41.80254	-111.814
84319	7905	2365	2.53E+08	1799587	97.494	0.695	41.60629	-111.663
84320	2237	749	1.15E+08	315393	44.459	0.122	41.96412	-111.845
84321	44074	14718	4.99E+08	2368327	192.514	0.914	41.71772	-111.836
84324	701	257	30824946	0	11.902	0	41.48782	-111.953
84325	2078	597	95614195	1838233	36.917	0.71	41.72476	-111.989
84326	1763	496	7762426	0	2.997	0	41.67066	-111.818

84327	951	286	44734449	1845612	17.272	0.713	41.86989	-111.993
84328	1666	536	1.51E+08	0	58.134	0	41.54584	-111.835
84329	202	144	1.25E+09	46681	481.046	0.018	41.7605	-113.419
84330	502	161	74869951	0	28.907	0	41.92606	-112.163
84331	272	115	1.45E+08	0	55.831	0	41.94845	-112.274
84332	7218	2331	10825455	0	4.18	0	41.69998	-111.812
84333	2722	874	62234258	469960	24.029	0.181	41.90723	-111.812
84334	230	95	2352653	0	0.908	0	41.78259	-112.148
84335	11372	3561	1.72E+08	9519552	66.462	3.676	41.83611	-111.875
84336	281	136	7.28E+08	496949	281.242	0.192	41.91298	-112.771
84337	11393	3783	4.51E+08	2826101	174.238	1.091	41.7651	-112.317
84338	481	166	28297232	316033	10.926	0.122	41.91216	-111.941
84339	5046	1507	1.46E+08	329654	56.318	0.127	41.62602	-111.946
84340	3369	1141	31489503	0	12.158	0	41.36354	-112.036
84341	20109	7082	31796719	21402	12.277	0.008	41.77553	-111.806
84401	35622	14096	76445717	821094	29.516	0.317	41.21232	-112.033
84403	36582	13885	93274452	32386	36.013	0.013	41.19454	-111.906
84404	56363	20140	2.41E+08	3626159	93.146	1.4	41.26947	-112.118
84405	31348	11450	46522323	170247	17.962	0.066	41.1568	-111.966
84414	26507	8756	42184001	0	16.287	0	41.32195	-111.976
84501	13612	5313	3.74E+08	56983	144.222	0.022	39.54639	-110.758
84511	4672	1617	1.12E+09	3361062	430.7	1.298	37.58529	-109.408
84512	1093	504	7.26E+08	1511699	280.212	0.584	37.1344	-109.592
84513	1710	737	29035388	56618	11.211	0.022	39.23767	-111.014
84515	15	18	8.24E+08	7549332	318.339	2.915	38.97509	-109.129
84516	227	87	60772929	0	23.465	0	39.14299	-111.069
84518	702	268	1.72E+08	64837	66.228	0.025	39.38887	-110.877
84520	1302	722	14729264	15905	5.687	0.006	39.53306	-110.429
84521	840	314	1.48E+08	1481523	57.203	0.572	39.41703	-110.762
84522	321	168	1.42E+08	49878	54.813	0.019	38.92342	-111.21
84523	1797	675	2.95E+08	1922834	113.901	0.742	39.09368	-111.198
84525	1183	497	2.81E+09	12496552	1086.665	4.825	39.08144	-110.054
84526	4134	2518	8.34E+08	10988511	321.918	4.243	39.73953	-110.936
84528	2742	1068	4.54E+08	1271539	175.389	0.491	39.41098	-111.086
84529	180	112	3287268	0	1.269	0	39.67945	-110.821
84530	460	263	7.2E+08	403230	278.094	0.156	38.28355	-109.159
84531	642	261	1.47E+09	5764659	569.383	2.226	37.17685	-109.884
84532	9772	5016	3.8E+09	28476234	1467.466	10.995	38.5265	-109.548
84533	267	346	3.58E+09	1.78E+08	1381.682	68.688	37.51979	-110.379
84534	2654	854	1.13E+09	5154129	435.909	1.99	37.25352	-109.232
84535	2601	1079	4.87E+09	4193878	1881	1.619	37.99968	-109.557
84536	1454	513	1.55E+09	209428	597.12	0.081	37.12042	-110.35
84537	1505	691	2.43E+08	28569	93.657	0.011	39.32395	-111.216
84539	379	179	1.04E+08	0	40.329	0	39.61345	-110.338
84540	46	62	2.64E+09	0	1017.75	0	39.2434	-109.436
84542	1806	722	17413395	0	6.723	0	39.54232	-110.735
84601	31486	10218	36205030	21424	13.979	0.008	40.22653	-111.697

84604	49145	13383	3.24E+08	18975	125.277	0.007	40.31863	-111.577
84606	32291	10097	29316820	0	11.319	0	40.21444	-111.626
84620	1151	409	41778294	0	16.131	0	38.91482	-111.928
84621	240	84	19006734	161922	7.339	0.063	39.05097	-111.826
84622	1517	484	50196592	0	19.381	0	39.10383	-111.822
84623	405	131	53951357	150575	20.831	0.058	39.45384	-111.588
84624	5668	2150	1.27E+09	2461967	489.671	0.951	39.45989	-112.643
84626	410	114	2.29E+08	45601	88.294	0.018	39.90445	-111.999
84627	6310	1817	86268798	117078	33.309	0.045	39.35314	-111.561
84628	721	357	53340975	0	20.595	0	39.94155	-112.131
84629	2531	1959	6.72E+08	561188	259.521	0.217	39.79514	-111.472
84630	294	118	2.57E+08	17963	99.339	0.007	39.30267	-111.841
84631	3067	1191	4.29E+08	58885	165.494	0.023	38.95765	-112.389
84632	1148	407	68441719	0	26.425	0	39.62016	-111.658
84633	1048	356	1.1E+08	189799	42.441	0.073	39.9675	-111.907
84634	3395	667	1.09E+08	0	42.093	0	39.15841	-111.811
84635	863	326	98163854	3523	37.901	0.001	39.40196	-112.723
84636	474	210	1.7E+08	0	65.526	0	39.1406	-112.339
84637	729	335	3.47E+08	3364	133.929	0.001	38.67795	-112.518
84638	294	105	1.21E+08	3614932	46.796	1.396	39.51125	-112.256
84639	963	395	5.48E+08	2147200	211.513	0.829	39.50767	-111.9
84640	121	62	91371404	69506	35.279	0.027	39.49724	-112.381
84642	3548	1202	1.3E+08	1464181	50.116	0.565	39.288	-111.616
84643	605	251	66781147	0	25.784	0	39.11516	-111.713
84645	2620	674	2.18E+08	6189971	84.292	2.39	39.83553	-111.844
84646	1657	571	1.01E+08	26231	38.855	0.01	39.54106	-111.609
84647	4019	1744	2.84E+08	0	109.741	0	39.54111	-111.416
84648	5776	1972	4.01E+08	0	154.979	0	39.68581	-111.864
84649	760	277	5.88E+08	4734146	227.182	1.828	39.34443	-112.329
84651	23457	6790	2.82E+08	187634	108.918	0.072	39.95811	-111.715
84652	872	310	30501058	0	11.777	0	39.0169	-111.868
84653	7947	2248	57452531	60104	22.183	0.023	40.0269	-111.644
84654	2689	1317	6.37E+08	515875	245.809	0.199	38.87953	-111.626
84655	10547	2861	1.18E+08	112115	45.548	0.043	39.97131	-111.807
84656	345	165	49032396	3035003	18.932	1.172	39.13563	-112.068
84657	505	179	53946306	1100198	20.829	0.425	38.81859	-111.939
84660	37995	10475	3.61E+08	645018	139.472	0.249	40.12127	-111.696
84662	1371	534	2.05E+08	23989	79.019	0.009	39.42947	-111.472
84663	29975	9197	3.54E+08	0	136.795	0	40.16563	-111.495
84664	8033	2136	44250438	0	17.085	0	40.11511	-111.565
84665	528	194	58458884	2733530	22.571	1.055	39.19568	-111.67
84667	405	137	42265115	1316721	16.319	0.508	39.50048	-111.666
84701	8692	3447	6.95E+08	4518024	268.153	1.744	38.60124	-111.698
84710	131	140	79399742	114623	30.656	0.044	37.4823	-112.478
84711	735	244	94007927	367813	36.297	0.142	38.66854	-112.021
84712	201	172	5.27E+08	10918536	203.538	4.216	37.98826	-111.936
84713	3792	1753	2.64E+08	38902	101.83	0.015	38.32218	-112.651

84714	835	474	1.03E+09	181211	397.364	0.07	37.848	-113.724
84715	459	211	73801333	0	28.495	0	38.29009	-111.549
84716	297	238	6.6E+08	839478	254.948	0.324	37.94439	-111.442
84718	189	83	76099278	0	29.382	0	37.53958	-112.045
84719	90	1585	1.57E+08	37804	60.426	0.015	37.67257	-112.81
84720	19705	7752	8.06E+08	4730336	311.066	1.826	37.59001	-113.188
84721	20961	7459	6.56E+08	3171218	253.455	1.224	37.77034	-113.079
84722	615	347	35995882	150948	13.898	0.058	37.45759	-113.605
84723	687	320	40608913	8493	15.679	0.003	38.18007	-112.252
84724	1214	475	10003936	0	3.863	0	38.67528	-112.149
84725	1964	686	4.35E+08	1810778	168.005	0.699	37.54035	-113.78
84726	961	499	9.72E+08	529362	375.17	0.204	37.73922	-111.589
84728	158	83	8.69E+08	1202554	335.535	0.464	39.29517	-113.907
84729	396	208	2.58E+08	8866	99.481	0.003	37.37678	-112.629
84730	268	102	28697685	53190	11.08	0.021	38.73631	-112.019
84731	194	85	2E+08	46732	77.326	0.018	38.25349	-112.853
84732	77	54	24400071	0	9.421	0	38.4454	-111.902
84733	202	75	2.85E+08	1036964	109.852	0.4	37.25921	-113.775
84734	261	127	2.24E+09	7630517	863.399	2.946	38.30534	-110.652
84735	258	298	3.3E+08	0	127.564	0	37.6406	-112.431
84736	246	97	22771316	7892	8.792	0.003	37.54988	-111.998
84737	14838	5893	5.11E+08	2512934	197.166	0.97	37.04239	-113.206
84738	6878	2928	57182070	155244	22.078	0.06	37.17551	-113.706
84739	507	198	71822155	0	27.731	0	38.62923	-112.206
84740	191	121	1.25E+08	4260053	48.089	1.645	38.27597	-112.271
84741	5556	2875	3.51E+09	1467240	1354.349	0.567	37.18713	-112.249
84742	260	127	72006528	24008	27.802	0.009	37.54011	-113.208
84743	34	19	81513966	0	31.473	0	38.17418	-112.138
84744	411	229	99716943	28510	38.501	0.011	38.62021	-111.943
84745	4066	1429	44818260	0	17.304	0	37.23164	-113.245
84746	1149	466	23976045	0	9.257	0	37.24278	-113.356
84747	1097	497	1.74E+08	0	67.25	0	38.40657	-111.644
84749	218	97	1.02E+08	24857	39.54	0.01	38.43103	-111.529
84750	469	315	3.27E+08	326187	126.322	0.126	38.43835	-112.193
84751	1680	726	7.74E+08	211509	298.998	0.082	38.38342	-112.928
84752	994	336	85467737	4010746	32.999	1.549	38.18677	-112.873
84753	26	47	9.1E+08	158344	351.387	0.061	37.96779	-113.858
84754	3652	1424	1.64E+08	45250	63.334	0.017	38.62428	-112.109
84755	112	129	2.08E+08	4127	80.29	0.002	37.22967	-112.77
84756	366	190	3.77E+08	440813	145.571	0.17	37.57425	-113.569
84757	1167	555	1.32E+08	221390	51.082	0.085	37.45963	-113.263
84758	533	305	2E+08	0	77.226	0	37.3188	-112.722
84759	2112	1399	1.29E+09	4300166	496.758	1.66	37.90661	-112.399
84760	559	311	3.7E+08	283268	143.042	0.109	37.95497	-112.669
84761	3131	1600	3.94E+08	628676	151.998	0.243	37.87524	-112.848
84762	248	2282	5.8E+08	1305560	223.819	0.504	37.49729	-112.756
84763	245	172	43425123	0	16.767	0	37.14229	-113.071

84764	331	294	1.35E+08	751	51.989	0	37.59014	-112.167
84765	6143	2021	24697327	37453	9.536	0.014	37.12291	-113.702
84766	147	63	1.39E+08	0	53.591	0	38.57635	-112.317
84767	679	481	6.76E+08	0	261.015	0	37.23699	-112.987
84770	39131	18119	1.36E+08	10474	52.442	0.004	37.18568	-113.61
84772	171	82	17614144	5852	6.801	0.002	37.77432	-112.938
84773	321	280	2.6E+08	26898	100.306	0.01	38.22568	-111.341
84774	1399	522	1.08E+08	0	41.557	0	37.29043	-113.281
84775	431	389	1.3E+09	538690	502.823	0.208	37.93402	-110.949
84776	538	224	25885795	56310	9.995	0.022	37.6356	-112.077
84779	641	554	5.34E+08	1127172	206.202	0.435	37.33489	-113.122
84780	18756	7540	95088904	92903	36.714	0.036	37.12587	-113.494
84781	188	481	1.86E+08	30847	71.789	0.012	37.41155	-113.462
84782	794	358	63622459	20377	24.565	0.008	37.34882	-113.664
84783	805	318	1.22E+08	57483	47.16	0.022	37.24114	-113.701
84784	2745	290	36638823	0	14.146	0	37.02533	-112.964
84790	35770	14477	1.15E+08	1343887	44.216	0.519	37.04831	-113.558
85003	9369	4910	4795027	0	1.851	0	33.45066	-112.078
85004	4965	2804	5283332	0	2.04	0	33.45157	-112.07
85006	25742	10183	10108876	2685	3.903	0.001	33.46523	-112.049
85007	14040	5916	11690704	182632	4.514	0.071	33.44761	-112.091
85008	56145	23282	27110870	142271	10.468	0.055	33.46295	-111.985
85009	52520	14369	40357622	171258	15.582	0.066	33.4431	-112.128
85012	6390	3804	5682461	9920	2.194	0.004	33.50758	-112.071
85013	19314	10943	9628904	27034	3.718	0.01	33.51109	-112.085
85014	24782	14326	10824910	26017	4.18	0.01	33.50832	-112.057
85015	37644	16495	12646585	29719	4.883	0.011	33.50866	-112.102
85016	33896	19287	23399384	202991	9.035	0.078	33.51152	-112.019
85017	38872	13883	13577669	20007	5.242	0.008	33.50878	-112.123
85018	36065	19231	28784216	113245	11.114	0.044	33.50596	-111.985
85019	25042	8241	9712436	16767	3.75	0.006	33.50888	-112.145
85020	32850	17709	23027513	65269	8.891	0.025	33.56735	-112.054
85021	37743	17619	17419863	74919	6.726	0.029	33.55942	-112.093
85022	46395	22923	24230486	4009	9.355	0.002	33.62724	-112.048
85023	31274	13690	18927804	18972	7.308	0.007	33.63511	-112.094
85024	22898	10131	72976206	190634	28.176	0.074	33.7361	-112.03
85027	37140	17010	36408565	61302	14.057	0.024	33.67976	-112.093
85028	19157	8705	25957279	1791	10.022	0.001	33.57574	-112.008
85029	43233	18508	24717205	84199	9.543	0.033	33.59474	-112.11
85031	30493	8716	10501712	32094	4.055	0.012	33.49397	-112.167
85032	65485	29594	32170337	16891	12.421	0.007	33.62592	-112.003
85033	53037	16046	15789701	24992	6.096	0.01	33.49297	-112.21
85034	5582	2062	29587865	149802	11.424	0.058	33.42946	-112.014
85035	47486	14961	14797711	0	5.713	0	33.47145	-112.195
85037	44771	14660	21200571	35822	8.186	0.014	33.49016	-112.268
85040	29352	10446	26352332	76834	10.175	0.03	33.40648	-112.025
85041	54947	17226	41109732	114445	15.873	0.044	33.38593	-112.11

85042	40962	14698	38929554	873	15.031	0	33.3692	-112.044
85043	30560	9443	49678326	9543	19.181	0.004	33.43191	-112.197
85044	37993	18246	37412960	47415	14.445	0.018	33.35296	-112.019
85045	7238	2693	9384025	22688	3.623	0.009	33.30387	-112.103
85048	33449	13632	51156859	115156	19.752	0.044	33.31255	-112.057
85050	25736	11333	37759457	110821	14.579	0.043	33.68274	-111.998
85051	40375	16525	16360814	129479	6.317	0.05	33.55866	-112.132
85053	28480	11898	13491929	741	5.209	0	33.62994	-112.131
85054	5384	3801	23311654	198420	9.001	0.077	33.67853	-111.941
85083	18104	6293	25504762	0	9.847	0	33.72457	-112.159
85085	17517	7618	66343140	12560	25.615	0.005	33.7504	-112.09
85086	40495	16014	1.51E+08	107736	58.332	0.042	33.81597	-112.12
85087	7708	3248	1.94E+08	22393	74.961	0.009	33.92491	-112.127
85118	12246	8236	4.13E+08	30028	159.387	0.012	33.35213	-111.321
85119	21219	13530	1.14E+08	0	44.031	0	33.40969	-111.502
85120	28168	17473	46272549	53412	17.866	0.021	33.40239	-111.568
85121	2178	615	1.9E+08	206620	73.425	0.08	33.14441	-111.922
85122	50942	22918	1.3E+08	0	50.022	0	32.91713	-111.744
85123	10677	5019	68784574	194479	26.558	0.075	32.7154	-111.698
85128	14823	5850	4.23E+08	4476791	163.363	1.728	32.98993	-111.538
85131	18017	4237	6.98E+08	743829	269.67	0.287	32.67251	-111.547
85132	33556	8704	1.56E+09	1177600	603.979	0.455	32.92678	-111.215
85135	630	288	1141779	4026	0.441	0.002	33.00377	-110.786
85137	2329	1157	5.36E+08	3296248	206.769	1.273	33.13641	-111.023
85138	33633	13392	1.92E+08	294210	74.064	0.114	33.00729	-111.989
85139	17979	7211	5.01E+08	80003	193.388	0.031	32.97999	-112.145
85140	36711	12775	86861807	0	33.538	0	33.24453	-111.544
85141	515	221	1.09E+08	106826	41.937	0.041	32.64155	-111.434
85142	48870	16505	1.84E+08	125610	70.978	0.048	33.19999	-111.636
85143	35015	13526	93126327	0	35.956	0	33.15866	-111.519
85145	2106	758	57566201	8799	22.226	0.003	32.55231	-111.366
85147	4543	1193	1.85E+08	90	71.31	0	33.12909	-111.733
85172	1368	451	1.71E+08	577466	65.858	0.223	32.88342	-111.953
85173	2872	1473	96633700	0	37.31	0	33.27016	-111.123
85192	2120	997	9.42E+08	694092	363.576	0.268	32.96294	-110.679
85193	4906	2080	6.71E+08	63850	259.102	0.025	32.80025	-111.817
85194	6721	3673	1.96E+08	88044	75.865	0.034	32.89765	-111.629
85201	46092	21487	24145872	1341373	9.323	0.518	33.43355	-111.85
85202	37275	17681	16247196	362652	6.273	0.14	33.38135	-111.874
85203	35541	13644	23725997	1237133	9.161	0.478	33.45036	-111.803
85204	60885	22611	25653620	12395	9.905	0.005	33.39572	-111.787
85205	39858	22676	25343510	8096	9.785	0.003	33.43242	-111.719
85206	33154	18849	24747609	70294	9.555	0.027	33.39634	-111.717
85207	44744	20434	77326920	262017	29.856	0.101	33.45351	-111.636
85208	34762	18657	23246803	152558	8.976	0.059	33.40331	-111.628
85209	37377	20027	28670342	20577	11.07	0.008	33.37545	-111.639
85210	36464	15095	17051574	17423	6.584	0.007	33.38973	-111.844

85212	24492	8095	91756100	109357	35.427	0.042	33.32232	-111.635
85213	31797	14592	24490995	528720	9.456	0.204	33.44873	-111.769
85215	15963	9141	2.15E+08	5427547	82.892	2.096	33.5119	-111.579
85224	42796	18763	24249761	440	9.363	0	33.32411	-111.878
85225	69810	27397	33101476	3918	12.781	0.002	33.31745	-111.83
85226	37376	15439	2.08E+08	730231	80.159	0.282	33.25055	-112.016
85233	37564	14487	25214199	340097	9.735	0.131	33.35351	-111.811
85234	50014	17366	30832715	77877	11.905	0.03	33.36346	-111.741
85248	29821	16773	78308216	258313	30.235	0.1	33.21479	-111.87
85249	36908	13667	35758173	88173	13.806	0.034	33.22496	-111.796
85250	15906	9669	24377959	248125	9.412	0.096	33.53445	-111.887
85251	34390	22441	19048355	126850	7.355	0.049	33.49351	-111.919
85253	17047	8211	46562854	200306	17.978	0.077	33.54483	-111.958
85254	45801	20252	35301158	91775	13.63	0.035	33.61549	-111.952
85255	37270	19159	2.27E+08	152418	87.572	0.059	33.66873	-111.824
85256	4974	1854	85498969	2183332	33.011	0.843	33.50058	-111.844
85257	26755	13896	16990967	117534	6.56	0.045	33.46196	-111.916
85258	23342	15233	22203131	571659	8.573	0.221	33.5643	-111.896
85259	21422	10270	53070105	0	20.49	0	33.60111	-111.809
85260	36056	19498	37622439	28343	14.526	0.011	33.61074	-111.891
85262	11275	7273	3.28E+08	168433	126.548	0.065	33.83503	-111.806
85263	2111	1801	8.75E+08	10343222	337.816	3.994	33.83956	-111.524
85264	1249	425	5.53E+08	7945350	213.334	3.068	33.63511	-111.532
85266	11406	6232	44367011	2653	17.13	0.001	33.76646	-111.918
85268	22684	13281	53433475	229819	20.631	0.089	33.60609	-111.743
85281	57348	26011	34574278	340085	13.349	0.131	33.42741	-111.934
85282	48671	23136	28943731	44727	11.175	0.017	33.39368	-111.932
85283	44813	19320	22738886	362795	8.78	0.14	33.36464	-111.932
85284	16479	6407	20095638	77342	7.759	0.03	33.33808	-111.934
85286	38930	14351	42046563	52282	16.234	0.02	33.272	-111.832
85295	38332	13857	32737996	29636	12.64	0.011	33.30315	-111.741
85296	36799	12927	29325865	0	11.323	0	33.33538	-111.741
85297	26979	8740	27321769	18675	10.549	0.007	33.27777	-111.731
85298	21479	8215	37047908	9905	14.304	0.004	33.24119	-111.727
85301	60161	23846	24014066	0	9.272	0	33.53175	-112.178
85302	36909	15947	15805548	0	6.103	0	33.56797	-112.178
85303	30310	9718	16403323	1871	6.333	0.001	33.53197	-112.223
85304	25883	9772	14422620	75864	5.569	0.029	33.59974	-112.178
85305	10822	4328	16473658	955	6.361	0	33.53179	-112.256
85306	24191	9641	14509765	49766	5.602	0.019	33.62456	-112.177
85307	9230	3613	32148424	280372	12.413	0.108	33.53946	-112.313
85308	63876	26234	44926851	207701	17.346	0.08	33.66041	-112.183
85309	1485	1796	8850235	118	3.417	0	33.53088	-112.383
85310	19007	7026	23606984	14812	9.115	0.006	33.70765	-112.159
85320	1197	557	1.41E+09	154359	544.143	0.06	33.91019	-113.21
85321	4435	2731	3.99E+09	733076	1540.013	0.283	32.23775	-112.653
85322	752	349	8.87E+08	53343	342.399	0.021	33.15911	-112.872

85323	39507	13246	48114495	10917	18.577	0.004	33.41975	-112.327
85324	2886	1598	7.59E+08	0	293.131	0	34.11919	-112.044
85325	1212	1077	2.15E+09	1193532	830.389	0.461	33.99235	-113.911
85326	51705	17220	9.55E+08	159964	368.683	0.062	33.29172	-112.589
85328	259	312	4.48E+08	10567234	173.13	4.08	33.25263	-114.62
85331	26960	11677	2.91E+08	46988	112.375	0.018	33.87894	-111.913
85332	2146	1357	1.08E+09	134194	415.125	0.052	34.18111	-112.905
85333	790	485	1.88E+09	210596	724.471	0.081	33.0221	-113.284
85334	1482	953	1.67E+08	3939861	64.383	1.521	33.51658	-114.516
85335	31787	11324	25897345	152706	9.999	0.059	33.59228	-112.328
85336	700	233	9938572	40152	3.837	0.016	32.54876	-114.789
85337	2793	1176	1.48E+09	27593	570.091	0.011	32.96403	-112.704
85338	41115	15361	1.91E+08	33419	73.772	0.013	33.3737	-112.41
85339	35586	12031	5.5E+08	415929	212.491	0.161	33.23713	-112.162
85340	26262	9587	78345758	255351	30.249	0.099	33.51583	-112.414
85341	39	24	3650841	0	1.41	0	31.87919	-112.799
85342	1578	917	1.21E+09	5156059	467.594	1.991	33.94455	-112.451
85343	196	76	20743921	357	8.009	0	33.33774	-112.686
85344	9147	6501	1.11E+09	13069337	428.33	5.046	34.08065	-114.216
85345	56208	23118	33800026	18701	13.05	0.007	33.57324	-112.246
85346	4423	4102	1.61E+09	0	622.797	0	33.63595	-114.146
85347	716	319	5.42E+08	0	209.269	0	32.79756	-113.79
85348	2786	2499	1.15E+09	37430	442.553	0.014	33.71424	-113.721
85349	25517	6528	46509110	140086	17.957	0.054	32.50914	-114.747
85350	21214	5425	2.55E+08	445749	98.51	0.172	32.56122	-114.694
85351	27789	21284	28050211	397751	10.83	0.154	33.60613	-112.284
85352	461	237	1.61E+08	0	62.22	0	32.71937	-113.84
85353	31011	9673	56158374	23381	21.683	0.009	33.41751	-112.277
85354	6645	2851	1.55E+09	4785	597.497	0.002	33.43034	-113.046
85355	8745	3060	91085688	96164	35.168	0.037	33.57612	-112.455
85356	4539	2967	4.28E+08	0	165.3	0	32.68902	-114.162
85357	761	458	1.51E+09	6975792	583.941	2.693	34.02001	-113.448
85360	222	174	1.9E+09	1002886	735.273	0.387	34.73943	-113.464
85361	6700	2764	3.08E+08	115746	119.025	0.045	33.76412	-112.615
85362	663	614	1.87E+08	0	72.215	0	34.27992	-112.835
85363	6156	2831	4123269	16185	1.592	0.006	33.58497	-112.305
85364	74904	29918	1.02E+08	2722330	39.448	1.051	32.70146	-114.657
85365	46558	24699	3.54E+09	9765932	1368.69	3.771	33.09644	-114.125
85367	20429	17074	1.18E+08	0	45.368	0	32.67172	-114.396
85371	419	146	4.59E+08	0	177.267	0	33.82854	-114.376
85373	17356	10342	29503642	115316	11.391	0.045	33.67142	-112.3
85374	47146	26224	42116615	58643	16.261	0.023	33.641	-112.378
85375	27703	20021	47570427	39695	18.367	0.015	33.68581	-112.366
85377	3051	2017	21908227	15367	8.459	0.006	33.82307	-111.914
85379	39732	13935	27862583	49075	10.758	0.019	33.60331	-112.37
85381	24249	10231	17183330	35429	6.635	0.014	33.60931	-112.232
85382	40454	18632	25462879	181393	9.831	0.07	33.65429	-112.249

85383	37182	13700	2.46E+08	5793963	95.007	2.237	33.80209	-112.248
85387	9573	5060	1.41E+08	167230	54.254	0.065	33.7095	-112.451
85388	23490	8311	33966730	72157	13.115	0.028	33.6016	-112.432
85390	8621	4844	1.53E+09	140266	590.555	0.054	33.90362	-112.876
85392	35310	13302	25034766	128970	9.666	0.05	33.47758	-112.309
85395	25922	10275	37119104	60427	14.332	0.023	33.47869	-112.395
85396	12163	5615	2.14E+08	10222	82.574	0.004	33.52625	-112.702
85501	13345	6209	1.45E+09	4148244	561.619	1.602	33.56604	-110.758
85530	2069	528	1.08E+09	26447962	417.733	10.212	33.06522	-110.2
85531	623	204	10813235	330947	4.175	0.128	32.88411	-109.79
85533	2943	1601	3E+09	3068041	1158.205	1.185	33.35395	-109.406
85534	2588	1380	1.15E+09	2933545	442.206	1.133	32.75378	-109.142
85535	21	8	11288544	165695	4.359	0.064	32.98631	-109.913
85536	408	239	3.75E+08	951310	144.619	0.367	33.12065	-110.016
85539	4520	2341	1.45E+08	2328353	56.108	0.899	33.33968	-110.895
85540	2874	1336	2.59E+08	7231848	100.098	2.792	33.00022	-109.385
85541	21877	14774	2.03E+09	954917	782.963	0.369	34.195	-111.305
85542	3196	826	5.68E+08	21401528	219.245	8.263	33.31721	-110.319
85543	3822	1456	1.55E+09	2980950	596.813	1.151	32.97857	-109.989
85544	2949	3898	4.29E+08	198698	165.817	0.077	34.30386	-111.561
85545	583	793	1.01E+09	47320553	390.508	18.271	33.56491	-111.141
85546	19677	7172	1.75E+09	9519825	674.575	3.676	32.81377	-109.355
85550	4790	1222	1.47E+09	1456045	566.563	0.562	33.53939	-110.472
85551	405	167	1.39E+08	116738	53.603	0.045	32.72433	-109.588
85552	6218	2334	62024662	609393	23.948	0.235	32.81993	-109.771
85553	1501	1481	7.87E+08	21425854	303.684	8.273	33.84727	-111.187
85554	778	851	1.97E+09	209370	760.029	0.081	33.97665	-110.96
85601	698	496	3.12E+08	377305	120.423	0.146	31.58867	-111.315
85602	9464	5049	1.94E+09	753042	748.113	0.291	32.17638	-110.405
85603	7155	4117	5.83E+08	2771736	225.17	1.07	31.43273	-109.92
85605	597	352	8.47E+08	398197	327.09	0.154	32.30207	-109.481
85606	1184	747	3.32E+08	39820717	128.175	15.375	32.04255	-109.899
85607	18925	7159	2.16E+09	3029256	834.967	1.17	31.52117	-109.38
85608	2305	1	4799984	129003	1.853	0.05	31.45691	-109.581
85609	392	217	3.37E+08	133500	130.227	0.052	32.06948	-110.097
85610	1333	753	1.15E+09	385451	445.195	0.149	31.7442	-109.722
85611	965	594	7.97E+08	673594	307.908	0.26	31.66517	-110.51
85613	5601	944	1.21E+08	48271	46.905	0.019	31.56787	-110.377
85614	21895	16136	3.51E+08	60281	135.652	0.023	31.8143	-110.919
85615	9413	4150	5.4E+08	157087	208.501	0.061	31.40247	-110.212
85616	5566	2605	3.47E+08	149414	133.828	0.058	31.70189	-110.322
85617	1277	745	5.71E+08	955475	220.598	0.369	31.51964	-109.709
85618	1725	795	2.91E+08	484409	112.34	0.187	32.7197	-110.538
85619	50	388	5.26E+08	0	203.109	0	32.40753	-110.733
85620	897	274	2765050	0	1.068	0	31.33728	-109.941
85621	23054	8065	7.31E+08	1351397	282.256	0.522	31.38798	-110.912
85622	6325	5029	1.26E+08	0	48.789	0	31.82685	-111.076

85623	4073	2005	8.98E+08	0	346.785	0	32.70625	-110.805
85624	1426	913	1.01E+09	488852	391.438	0.189	31.50497	-110.693
85625	1983	1402	6.55E+08	409614	252.967	0.158	31.88695	-109.614
85626	1021	367	1907854	0	0.737	0	31.35781	-109.567
85627	968	427	44633767	39430	17.233	0.015	32.00779	-110.236
85629	23568	8832	5.97E+08	0	230.414	0	31.91784	-111.019
85630	2819	1335	4.74E+08	255453	182.924	0.099	31.88657	-110.181
85631	3630	1594	3.02E+08	1102492	116.62	0.426	32.59091	-110.551
85632	835	665	2.16E+09	1328131	834.455	0.513	32.04386	-109.161
85633	54	50	7.8E+08	290680	301.068	0.112	31.6129	-111.503
85634	6490	2323	7.44E+09	98312	2873.894	0.038	32.0345	-111.994
85635	34727	16298	1.85E+08	517900	71.389	0.2	31.57101	-110.17
85637	1268	719	3.13E+08	61380	120.662	0.024	31.71951	-110.691
85638	1973	1204	8.39E+08	216354	323.897	0.084	31.71617	-110.052
85640	441	219	19112424	5455	7.379	0.002	31.55779	-111.048
85641	21753	8308	1.2E+09	0	463.411	0	32.04903	-110.623
85643	9810	4187	5.3E+09	85237580	2047.839	32.91	32.40725	-109.965
85645	2231	959	5.26E+08	127618	202.968	0.049	31.68628	-111.161
85646	1311	1139	3.33E+08	146986	128.653	0.057	31.64732	-110.941
85648	19080	6417	4.07E+08	705392	157.181	0.272	31.49044	-111.038
85650	15279	6637	1.08E+08	53639	41.722	0.021	31.50071	-110.202
85653	15083	5863	9.05E+08	1709278	349.286	0.66	32.39879	-111.386
85654	97	49	159313	0	0.062	0	32.41526	-111.154
85658	7790	4197	5.8E+08	10742	223.868	0.004	32.55105	-111.143
85701	4983	2988	3755047	0	1.45	0	32.21695	-110.971
85704	30929	15833	46292988	126003	17.874	0.049	32.33942	-110.985
85705	57521	28242	35208429	267672	13.594	0.103	32.27136	-110.992
85706	55209	18298	32447024	0	12.528	0	32.14762	-110.933
85707	658	0	11745387	0	4.535	0	32.17921	-110.887
85708	2980	974	3723393	0	1.438	0	32.18192	-110.866
85710	54439	27859	31278396	0	12.077	0	32.21413	-110.824
85711	41251	19649	22147923	0	8.551	0	32.21524	-110.883
85712	32666	18003	17601918	137422	6.796	0.053	32.25289	-110.887
85713	50151	19268	61366662	39286	23.694	0.015	32.19457	-111.015
85714	15009	5536	17045533	0	6.581	0	32.1674	-110.951
85715	17702	8953	17261267	85858	6.665	0.033	32.24675	-110.836
85716	32853	18008	18265337	0	7.052	0	32.24154	-110.923
85718	27367	15037	98680091	0	38.101	0	32.33331	-110.917
85719	43989	19849	21201347	0	8.186	0	32.24672	-110.949
85723	0	0	332731	0	0.128	0	32.18023	-110.965
85724	0	0	103874	0	0.04	0	32.24083	-110.946
85726	0	0	121584	0	0.047	0	32.20473	-110.946
85730	38323	16583	1.2E+08	56667	46.382	0.022	32.18154	-110.747
85735	11250	4629	4.94E+08	26497	190.615	0.01	32.09411	-111.349
85736	4975	2225	9.13E+08	20482	352.59	0.008	31.90984	-111.364
85737	20727	9633	62482717	204782	24.125	0.079	32.41462	-110.947
85739	17848	9331	4.83E+08	695	186.503	0	32.62107	-110.99

85741	32998	14008	26080228	218068	10.07	0.084	32.33518	-111.042
85742	25212	10275	74389170	204836	28.722	0.079	32.39372	-111.065
85743	29144	12095	2.5E+08	316103	96.368	0.122	32.30227	-111.182
85745	37006	16396	1.74E+08	283791	67.338	0.11	32.25391	-111.08
85746	43057	15592	1.98E+08	0	76.322	0	32.09161	-111.044
85747	23058	8345	1.52E+08	0	58.808	0	32.09524	-110.765
85748	18087	7826	30645411	0	11.832	0	32.21893	-110.752
85749	19032	8348	1.56E+08	57376	60.085	0.022	32.28958	-110.734
85750	24161	13194	51558221	166990	19.907	0.064	32.30013	-110.836
85755	15107	7907	87209603	0	33.672	0	32.46827	-110.981
85756	35703	11378	1.76E+08	0	67.897	0	32.07926	-110.899
85757	16988	5486	66556194	0	25.697	0	32.12851	-111.122
85901	17207	12337	6.74E+08	1817519	260.25	0.702	34.31331	-110.021
85911	1800	485	1.65E+09	78346	636.561	0.03	34.17305	-110.367
85912	178	120	1.08E+08	10915	41.69	0.004	34.43477	-109.899
85920	464	952	2.76E+08	1213134	106.432	0.468	33.86192	-109.177
85922	41	62	1.01E+09	789364	390.596	0.305	33.46762	-109.151
85923	621	301	1.63E+08	0	62.769	0	34.32496	-110.341
85924	2683	2062	2.03E+09	2720988	782.887	1.051	34.56662	-109.672
85925	4893	2052	76326521	67578	29.47	0.026	34.08811	-109.323
85926	265	82	17756115	37275	6.856	0.014	33.76925	-109.979
85927	176	639	3.31E+08	7940752	127.765	3.066	34.00642	-109.464
85928	1102	1033	7.36E+08	430074	284.34	0.166	34.53576	-110.557
85929	8322	5843	1.56E+08	1329459	60.378	0.513	34.18468	-109.94
85930	1086	391	4.83E+08	2286197	186.601	0.883	34.04732	-109.721
85931	207	1093	7.77E+08	1674175	299.999	0.646	34.46179	-110.869
85932	364	500	3.39E+08	660671	130.89	0.255	33.95334	-109.213
85933	3033	4775	2.38E+08	3196	92.07	0.001	34.35709	-110.509
85934	574	471	1.52E+08	0	58.641	0	34.30025	-110.246
85935	4735	6138	1.25E+08	370789	48.274	0.143	34.11993	-109.897
85936	4293	1955	2.57E+09	7499827	993.87	2.896	34.65268	-109.269
85937	7638	3228	7.96E+08	415828	307.246	0.161	34.5737	-110.064
85938	2366	1247	9.56E+08	2550779	369.141	0.985	34.1493	-109.337
85939	4400	1578	1.45E+08	112850	55.841	0.044	34.43143	-110.085
85940	1443	844	2.13E+08	277328	82.11	0.107	34.25166	-109.682
85941	9941	2671	2.15E+09	10222429	831.557	3.947	33.82139	-109.97
85942	80	44	1.45E+08	86595	55.911	0.033	34.73571	-109.955
86001	40776	19759	2.29E+09	10841089	884.063	4.186	35.28766	-111.639
86003	23	18	55328841	0	21.363	0	35.18971	-111.224
86004	37338	15861	1.98E+09	454296	762.701	0.175	35.38094	-111.373
86011	6362	10	1756314	0	0.678	0	35.18006	-111.655
86015	385	179	14077985	25938	5.436	0.01	35.23103	-111.839
86016	62	46	2.77E+08	99640	106.795	0.038	35.75242	-111.642
86017	667	3153	3.59E+08	668082	138.504	0.258	34.88931	-111.626
86018	759	709	2.6E+08	63244	100.255	0.024	35.18869	-111.916
86020	1941	742	2.99E+09	2171164	1155.268	0.838	35.99279	-111.498
86021	6085	824	68950484	20502	26.622	0.008	36.97228	-113.024

86022	2210	970	1.45E+09	207556	560.585	0.08	36.85632	-112.837
86023	2627	1208	7.03E+08	3047427	271.28	1.177	36.03313	-112.023
86024	703	1944	1.37E+09	2043915	527.98	0.789	34.65194	-111.343
86025	5676	2183	1.86E+09	8278956	717.569	3.197	34.93078	-110.105
86028	47	58	4.54E+08	308660	175.27	0.119	35.07376	-109.765
86029	320	153	1.56E+08	133174	60.355	0.051	35.02101	-109.993
86030	1374	597	6.1E+08	52576	235.692	0.02	35.96849	-110.73
86031	1856	688	1.16E+09	754179	447.611	0.291	35.3866	-110.052
86032	1509	603	5.2E+08	1845126	200.62	0.712	35.07961	-110.284
86033	7844	2875	3.06E+09	2603629	1180.423	1.005	36.67578	-110.228
86034	2271	981	1.28E+09	674057	495.848	0.26	35.7942	-110.126
86035	1802	617	1.88E+09	2131804	726.634	0.823	35.45672	-110.944
86036	388	281	2.58E+09	9085158	994.518	3.508	36.73825	-111.823
86038	77	311	1.25E+08	13437740	48.304	5.188	34.98382	-111.43
86039	1467	644	7.62E+08	219051	294.118	0.085	36.0558	-110.525
86040	10283	3858	1.95E+09	32065960	753.087	12.381	36.7055	-111.428
86042	1778	648	1.83E+08	52008	70.789	0.02	35.86176	-110.384
86043	1798	570	2.71E+08	93043	104.503	0.036	35.80974	-110.535
86044	4251	1423	2.61E+09	17669405	1006.34	6.822	36.69319	-110.81
86045	11354	3436	3.56E+09	114258	1375.092	0.044	36.09662	-111.116
86046	6090	3854	3.78E+09	1510101	1460.823	0.583	35.41589	-112.125
86047	14970	5405	4.45E+09	1771286	1717.561	0.684	35.11344	-110.671
86052	28	67	2.61E+09	3778592	1009.21	1.459	36.14657	-112.03
86053	2311	712	1.89E+09	9511806	727.885	3.673	36.73505	-111.055
86054	1935	720	1.08E+09	260133	417.452	0.1	36.72464	-110.612
86301	20626	10797	80097498	1742783	30.926	0.673	34.59135	-112.426
86303	17082	11632	3.46E+08	321186	133.603	0.124	34.48244	-112.45
86305	17356	9625	3.24E+09	544612	1251.933	0.21	34.86425	-112.912
86313	257	1	293740	0	0.113	0	34.55356	-112.452
86314	34401	14906	1.87E+08	0	72.214	0	34.62598	-112.306
86315	7234	3062	1.58E+08	0	60.842	0	34.70342	-112.27
86320	1885	1452	2.41E+09	63617	931.637	0.025	35.34613	-112.645
86321	2219	1117	7.62E+08	0	294.281	0	34.49283	-113.103
86322	11480	5051	1E+09	41828	386.454	0.016	34.50028	-111.801
86323	15822	7263	3.67E+08	99969	141.7	0.039	34.77723	-112.406
86324	4168	2089	4.33E+08	380983	167.184	0.147	34.85744	-112.12
86325	5152	2813	1.56E+08	0	60.071	0	34.73467	-111.898
86326	23344	11059	1.4E+08	0	54.122	0	34.70003	-112.024
86327	8858	5138	5.18E+08	0	200.107	0	34.57132	-112.105
86329	1179	569	95805063	0	36.991	0	34.47163	-112.225
86331	477	314	1.13E+08	0	43.498	0	34.72684	-112.144
86332	1637	1049	1.27E+09	0	488.498	0	34.32054	-112.633
86333	5734	3214	1.28E+09	24814	493.259	0.01	34.32274	-112.082
86334	4985	2153	5.89E+08	57670	227.249	0.022	34.94904	-112.545
86335	4806	2374	4.8E+08	36346	185.347	0.014	34.69471	-111.673
86336	11320	7607	5.84E+08	129443	225.676	0.05	34.90989	-111.867
86337	1267	1419	3.15E+09	199507	1215.119	0.077	35.3598	-113.031

86338	743	364	7.2E+08	0	277.891	0	34.58175	-112.754
86343	177	308	2.66E+08	15578	102.556	0.006	34.17698	-112.3
86351	6349	4192	1.04E+08	0	39.975	0	34.77845	-111.785
86401	24289	11365	2.88E+09	50301	1110.784	0.019	35.13172	-113.704
86403	15802	10794	25951067	17977568	10.02	6.941	34.48025	-114.349
86404	16243	10510	4.48E+08	5560725	173.115	2.147	34.59001	-114.308
86406	23763	13499	6.36E+08	15330633	245.599	5.919	34.42324	-114.11
86409	26471	12703	8.66E+08	53904433	334.411	20.813	35.46083	-114.021
86411	224	180	1.08E+09	88888	416.485	0.034	35.58084	-113.783
86413	12103	5658	1.83E+09	33567112	704.987	12.96	35.21054	-114.346
86426	13863	6880	93848238	933405	36.235	0.36	35.00762	-114.57
86429	7162	4954	2.17E+08	6552114	83.74	2.53	35.16363	-114.485
86431	403	348	1.5E+08	0	57.805	0	35.41557	-114.22
86432	3933	2175	8.35E+09	24976850	3222.199	9.644	36.36663	-113.447
86433	111	93	4.39E+08	0	169.518	0	34.91756	-114.349
86434	1490	573	2.02E+09	4477515	781.601	1.729	35.67665	-113.621
86435	487	127	3.22E+09	8438781	1244.367	3.258	36.04417	-112.904
86436	2104	1711	2.89E+08	20709387	111.469	7.996	34.75709	-114.385
86437	76	39	1.79E+08	0	69.046	0	35.37885	-113.614
86438	913	828	3.44E+09	9085458	1326.513	3.508	34.54893	-113.805
86440	6906	4622	2.96E+08	1867690	114.229	0.721	34.89668	-114.525
86441	2224	1743	1.32E+09	9647857	510.562	3.725	35.57131	-114.372
86442	33382	19108	98609702	1404843	38.073	0.542	35.08961	-114.561
86443	76	172	1.21E+09	1.44E+08	466.748	55.626	35.9713	-114.44
86444	1289	1445	1.31E+09	27360010	505.718	10.564	35.89704	-114.047
86445	311	275	7.58E+08	7319057	292.55	2.826	35.77374	-114.502
86502	1464	628	1.82E+09	1145389	703.288	0.442	35.21795	-109.592
86503	10714	3998	2.16E+09	852852	832.294	0.329	36.15339	-109.685
86504	6589	2466	8.36E+08	311108	322.897	0.12	35.93227	-109.135
86505	7682	3112	2.68E+09	3028588	1033.553	1.169	35.6271	-109.712
86506	1321	545	4.41E+08	212370	170.249	0.082	35.35805	-109.22
86507	2340	1080	5.75E+08	1050634	221.904	0.406	36.41121	-109.266
86508	752	304	1.8E+08	98724	69.633	0.038	35.3299	-109.096
86510	5358	2163	1.92E+09	298171	740.85	0.115	36.25798	-110.22
86511	3694	1534	9.55E+08	400668	368.595	0.155	35.5501	-109.154
86512	2439	953	1.49E+09	894294	576.132	0.345	35.09507	-109.243
86514	3317	1381	2.11E+09	4078083	816.567	1.575	36.88026	-109.333
86515	4479	1538	2.85E+08	3081	110.026	0.001	35.67925	-108.954
86520	1793	783	6.45E+08	152731	249.092	0.059	36.10991	-109.936
86535	1199	455	7.04E+08	124431	271.819	0.048	36.79403	-109.855
86538	2338	932	5.23E+08	6614077	201.849	2.554	36.40763	-109.596
86540	1088	460	6.27E+08	139222	242.195	0.054	35.94144	-109.444
86544	1267	612	6.39E+08	379886	246.549	0.147	36.62575	-109.151
86545	1650	582	8.46E+08	117680	326.827	0.045	36.71141	-109.607
86547	1171	385	3.38E+08	310401	130.321	0.12	36.51253	-109.494
86556	2090	902	6.24E+08	2441353	240.987	0.943	36.28836	-109.255
87001	3684	893	3.11E+08	1415463	120.122	0.547	35.37662	-106.337

87002	22517	9754	8.92E+08	1497022	344.456	0.578	34.60652	-106.659
87004	10136	3944	1.46E+08	2962315	56.553	1.144	35.36839	-106.597
87005	799	349	76599578	589611	29.575	0.228	35.2679	-107.977
87006	703	303	1.49E+08	1297219	57.468	0.501	34.48973	-106.844
87007	1080	358	61998456	13117	23.938	0.005	35.0241	-107.509
87008	2552	1253	73290931	6339	28.298	0.002	35.11992	-106.407
87010	1139	848	4.23E+08	9940	163.403	0.004	35.40829	-106.13
87011	84	78	1.18E+09	111780	456.982	0.043	34.06367	-105.947
87012	261	174	2.46E+08	64990	94.858	0.025	36.10748	-106.665
87013	5200	2334	4.82E+09	788724	1859.676	0.305	35.91277	-107.38
87014	654	341	5.73E+08	772489	221.193	0.298	35.23081	-107.39
87015	13105	5741	3.89E+08	154044	150.338	0.059	35.07669	-106.183
87016	3730	1498	1.97E+09	1615188	761.933	0.624	34.77589	-105.924
87017	429	243	4.35E+08	569435	167.901	0.22	36.31704	-106.765
87018	522	220	3.12E+08	126427	120.651	0.049	36.16555	-107.564
87020	11347	4683	2.67E+09	520230	1031.379	0.201	34.86501	-107.948
87021	3472	915	20099036	3226	7.76	0.001	35.19284	-107.879
87022	907	444	5052949	450199	1.951	0.174	34.89549	-106.707
87023	665	269	8050000	520539	3.108	0.201	34.59844	-106.76
87024	2214	748	2.25E+08	13020	86.739	0.005	35.67285	-106.723
87025	1237	1189	8.97E+08	210684	346.4	0.081	35.84134	-106.628
87026	4063	1416	1.31E+09	1071128	505.51	0.414	34.96533	-107.234
87027	309	208	92319928	0	35.645	0	36.12627	-106.948
87028	145	90	1.78E+08	741098	68.662	0.286	34.37961	-106.767
87029	237	200	8.33E+08	669259	321.436	0.258	36.39664	-106.998
87031	44075	16238	1.32E+09	2241375	508.034	0.865	34.70547	-107.021
87032	291	145	41191246	0	15.904	0	34.85128	-106.011
87034	2207	893	2.24E+09	110204	866.2	0.043	34.77647	-107.565
87035	7268	3316	5.68E+08	10559	219.451	0.004	34.93081	-105.966
87036	1868	1113	2.57E+09	576209	990.418	0.222	34.42288	-106.255
87037	677	282	7.21E+08	122821	278.211	0.047	36.16682	-107.762
87038	616	205	66525328	45530	25.686	0.018	35.08763	-107.412
87040	496	216	46315693	37938	17.883	0.015	35.10388	-107.384
87041	881	334	3.6E+08	5953887	138.91	2.299	35.68667	-106.335
87042	3644	1478	11740371	0	4.533	0	34.82801	-106.687
87043	5052	2582	2.22E+08	1690	85.607	0.001	35.27545	-106.462
87044	387	194	36526574	0	14.103	0	35.66554	-106.644
87045	1751	739	4.12E+08	1793426	158.955	0.692	35.35182	-108.089
87046	186	185	1.57E+08	290717	60.758	0.112	36.25353	-106.909
87047	4894	2396	3.44E+08	2951	132.841	0.001	35.25084	-106.289
87048	8682	3959	27857237	746051	10.756	0.288	35.23958	-106.627
87049	973	360	1.64E+08	353158	63.437	0.136	35.11364	-107.597
87051	969	463	1.63E+08	29347	63.002	0.011	35.03531	-107.853
87052	3182	638	1.02E+08	208675	39.249	0.081	35.4936	-106.313
87053	998	363	7.46E+08	200122	287.919	0.077	35.63231	-107.02
87056	954	513	1.26E+09	67052	488.224	0.026	35.18306	-105.876
87059	9604	4513	3.69E+08	69245	142.334	0.027	34.99676	-106.301

87061	371	243	3.41E+08	0	131.693	0	34.73114	-106.38
87062	1869	757	3.35E+08	0	129.222	0	34.44003	-106.659
87063	323	174	8.45E+08	20246	326.161	0.008	34.49164	-105.857
87064	161	130	3.95E+08	8724411	152.495	3.369	36.17925	-106.581
87068	4755	1928	2.39E+08	1041862	92.326	0.402	34.86193	-106.583
87070	42	40	68853943	0	26.585	0	35.02184	-105.778
87072	660	218	57066236	219821	22.033	0.085	35.60703	-106.397
87083	569	318	3436662	0	1.327	0	35.64847	-106.343
87102	21204	10253	16826106	156052	6.497	0.06	35.08136	-106.647
87104	12123	5849	11006016	913336	4.249	0.353	35.10318	-106.676
87105	57680	20949	2.43E+08	5983292	93.916	2.31	34.97721	-106.608
87106	27013	13078	27362916	59325	10.565	0.023	35.05792	-106.621
87107	31183	14074	38240621	459863	14.765	0.178	35.1378	-106.643
87108	38647	18935	15224438	0	5.878	0	35.07248	-106.578
87109	40432	19546	26199125	183677	10.116	0.071	35.15288	-106.576
87110	38587	18862	22361758	9237	8.634	0.004	35.10819	-106.578
87111	56490	27552	56147469	228270	21.679	0.088	35.14391	-106.487
87112	43584	20177	20921526	155484	8.078	0.06	35.10061	-106.516
87113	14477	6129	23320774	164417	9.004	0.063	35.18102	-106.594
87114	61623	24618	55158454	1473384	21.297	0.569	35.19364	-106.686
87116	4117	1298	8417090	43051	3.25	0.017	35.06309	-106.543
87117	310	1	50544921	188978	19.516	0.073	35.00849	-106.564
87120	58023	23716	99509653	1567429	38.421	0.605	35.1348	-106.755
87121	76721	23826	6.63E+08	2082982	255.974	0.804	35.08953	-106.897
87122	17977	7210	69071660	97015	26.669	0.037	35.19101	-106.502
87123	41468	18503	89634896	453305	34.608	0.175	35.06758	-106.471
87124	51404	20610	1.82E+08	22785	70.406	0.009	35.2685	-106.784
87144	37719	13917	2.31E+08	310989	89.001	0.12	35.3252	-106.705
87301	23674	8844	2.14E+08	14465	82.504	0.006	35.53498	-108.738
87305	3350	1268	5.92E+08	13643	228.714	0.005	35.3825	-108.804
87310	938	384	4.74E+08	69832	182.999	0.027	35.80511	-108.54
87311	4208	1364	5.02E+08	187058	193.673	0.072	35.60649	-108.516
87312	579	230	1.29E+08	0	49.952	0	35.4226	-108.323
87313	5662	2272	2.47E+09	283810	955.401	0.11	35.81245	-108.076
87315	149	134	1.54E+09	108685	593.603	0.042	34.7668	-108.685
87316	1304	458	3.21E+08	87264	124.062	0.034	35.36468	-108.38
87317	1956	634	60505999	0	23.361	0	35.58753	-108.761
87319	1832	722	4.38E+08	22331	168.982	0.009	35.47225	-108.949
87320	765	239	2.13E+08	0	82.385	0	35.80786	-108.876
87321	2226	1207	1.58E+09	868830	610.984	0.335	35.0088	-108.361
87322	247	69	4800642	0	1.854	0	35.52602	-108.653
87323	4558	1979	7.52E+08	1542261	290.16	0.595	35.45771	-108.194
87325	3034	1265	1.46E+09	902096	564.857	0.348	35.9939	-108.614
87326	1688	680	4.44E+08	250205	171.459	0.097	35.26187	-108.821
87327	7883	2184	1.49E+09	2387048	575.62	0.922	35.00528	-108.782
87328	2668	995	4.88E+08	3818920	188.518	1.474	35.97874	-108.981
87347	309	132	90389703	0	34.9	0	35.42724	-108.446

87357	604	283	1.75E+08	1169	67.644	0	34.90967	-108.315
87364	1111	488	4E+08	25857	154.27	0.01	36.14142	-108.698
87375	3193	1017	2.48E+08	55598	95.745	0.021	35.67555	-108.757
87401	46293	17411	3.38E+08	2809974	130.375	1.085	36.74032	-108.179
87402	11034	4239	29706129	397104	11.47	0.153	36.78127	-108.145
87410	17603	7247	6.96E+08	3221711	268.8	1.244	36.86828	-107.882
87412	966	480	1.3E+09	3788564	502.631	1.463	36.69787	-107.476
87413	16792	6348	1.67E+09	2714466	643.389	1.048	36.4155	-107.979
87415	1791	773	28426621	907291	10.976	0.35	36.81731	-108.094
87416	5454	1665	2.53E+08	2557998	97.771	0.988	36.70219	-108.421
87417	6910	2300	30834459	563659	11.905	0.218	36.74378	-108.345
87418	1059	419	1.58E+08	18404	61.108	0.007	36.95069	-108.15
87419	464	409	7.58E+08	38269431	292.654	14.776	36.86472	-107.492
87420	11967	4050	1.39E+09	9106083	535.701	3.516	36.8526	-108.9
87421	1871	609	1.04E+08	6295085	40.028	2.431	36.76627	-108.513
87455	1750	709	8.99E+08	151405	347.138	0.058	36.33043	-108.654
87461	1315	657	7.87E+08	1192868	303.916	0.461	36.32948	-108.942
87499	453	191	6.43E+08	103325	248.298	0.04	36.34452	-108.216
87501	15147	10726	2.07E+08	243728	79.796	0.094	35.74412	-105.857
87505	31013	17194	1.79E+08	182291	69.236	0.07	35.61682	-105.875
87506	12580	6759	5.12E+08	945812	197.602	0.365	35.81311	-105.984
87507	45890	18512	2.14E+08	1363746	82.775	0.527	35.59505	-106.111
87508	18183	8020	3.83E+08	0	147.741	0	35.52745	-105.969
87510	1096	627	1.11E+09	2361386	428.456	0.912	36.2832	-106.412
87511	2747	1116	1.43E+08	187554	55.308	0.072	36.1057	-105.93
87512	199	176	5.35E+08	1456795	206.724	0.562	36.92362	-105.344
87513	1007	550	86118883	0	33.251	0	36.57958	-105.687
87514	1345	856	45483808	0	17.561	0	36.54124	-105.525
87515	311	191	3.44E+08	459160	132.975	0.177	36.49723	-106.393
87516	130	74	1.39E+08	7883	53.798	0.003	36.15355	-106.463
87517	356	405	2.04E+08	0	78.62	0	36.39485	-105.788
87518	91	62	2.32E+08	480439	89.602	0.185	36.50822	-106.562
87519	460	253	59152426	0	22.839	0	36.76991	-105.628
87520	1419	1168	6.72E+08	1295762	259.555	0.5	36.87436	-106.633
87521	1003	529	2.55E+08	94367	98.535	0.036	36.01733	-105.613
87522	3384	1669	4.05E+08	473373	156.192	0.183	35.93083	-105.79
87523	405	199	18705674	0	7.222	0	36.01364	-105.843
87524	260	169	3.09E+08	0	119.492	0	36.93243	-105.672
87525	72	290	55102552	24043	21.275	0.009	36.56932	-105.457
87527	880	492	93499288	101231	36.1	0.039	36.15126	-105.838
87528	3417	1257	1.99E+09	6086669	766.913	2.35	36.67155	-106.983
87529	3600	2198	65729549	0	25.378	0	36.47006	-105.623
87530	974	507	3.66E+08	200629	141.154	0.077	36.34884	-106.191
87531	368	264	92403704	588953	35.677	0.227	36.24671	-105.84
87532	18223	7929	2.95E+08	894535	113.836	0.345	35.99387	-106.089
87533	185	69	53638	0	0.021	0	36.02427	-106.067
87535	1270	709	1.66E+08	0	64.286	0	35.52873	-105.748

87537	2957	1247	1.54E+08	465711	59.463	0.18	36.05223	-106.189
87538	493	312	2.02E+08	0	77.859	0	35.49452	-105.571
87539	269	163	2.01E+08	21603	77.764	0.008	36.37668	-106.043
87540	923	536	2.2E+08	21806	84.87	0.008	35.44937	-105.908
87543	247	147	52008249	0	20.08	0	36.10704	-105.661
87544	17950	8354	1.45E+08	116004	55.801	0.045	35.84072	-106.288
87548	928	402	86760733	472811	33.499	0.183	36.1724	-106.138
87549	1118	525	2.44E+08	494940	94.255	0.191	36.2371	-106.009
87551	305	427	79041680	25616783	30.518	9.891	36.6946	-106.669
87552	3325	1823	3.83E+08	0	147.877	0	35.64615	-105.602
87553	1209	626	52959716	7087	20.448	0.003	36.21489	-105.687
87554	61	44	1.2E+08	21516	46.482	0.008	36.4829	-106.019
87556	2417	1471	5.31E+08	1556514	205.076	0.601	36.78388	-105.492
87557	6359	3127	2.62E+08	18582	101.142	0.007	36.29101	-105.682
87558	606	1254	3.28E+08	116933	126.764	0.045	36.66394	-105.442
87560	1445	791	1.22E+09	16818	471.703	0.006	35.23676	-105.526
87562	576	264	1.5E+08	0	57.959	0	35.41683	-105.684
87564	332	191	64168684	0	24.776	0	36.60797	-105.628
87565	478	254	1.25E+08	0	48.35	0	35.41382	-105.49
87566	3000	1223	53907510	722095	20.814	0.279	36.07223	-106.069
87567	1634	731	8396936	0	3.242	0	35.99389	-106.02
87569	442	215	2.05E+08	0	79.078	0	35.34638	-105.301
87571	11706	6656	3.94E+08	40786	151.963	0.016	36.39145	-105.468
87573	36	296	3.3E+08	172240	127.38	0.067	35.78939	-105.686
87574	187	71	7769631	0	3	0	35.82166	-105.899
87575	789	611	1.52E+09	12333494	587.354	4.762	36.7401	-106.371
87577	454	465	1E+09	323176	387.932	0.125	36.66925	-106.014
87578	611	376	1.13E+08	49183	43.753	0.019	36.04744	-105.77
87579	890	637	3.21E+08	24283	123.854	0.009	36.09448	-105.563
87580	449	298	61044173	0	23.569	0	36.57007	-105.566
87581	141	144	3.39E+08	58882	130.988	0.023	36.51348	-106.14
87582	1350	671	48600642	465166	18.765	0.18	36.15635	-106.016
87583	234	138	75157035	0	29.018	0	35.23137	-105.336
87701	20081	9469	4.17E+09	7894789	1610.876	3.048	35.54211	-104.933
87710	1768	3063	3.99E+08	3987721	154.006	1.54	36.38246	-105.236
87711	753	402	6.37E+08	68788	245.794	0.027	35.22935	-105.104
87712	283	160	1.74E+08	2005137	67.026	0.774	35.85048	-105.183
87713	283	230	1.83E+08	0	70.47	0	36.16713	-105.365
87714	1151	604	1.07E+09	1593606	414.627	0.615	36.38948	-104.913
87715	532	318	1.12E+08	66977	43.069	0.026	36.01706	-105.429
87718	467	809	2.46E+08	2200559	94.815	0.85	36.59981	-105.292
87722	376	407	2.27E+08	43168	87.605	0.017	36.19193	-105.261
87723	408	214	51473622	0	19.874	0	36.05875	-105.376
87724	88	38	14390073	0	5.556	0	35.17336	-105.077
87728	417	237	3.49E+08	7143997	134.627	2.758	36.59654	-104.619
87729	126	77	2.5E+08	879808	96.513	0.34	36.30348	-104.818
87730	27	18	5.82E+08	268874	224.856	0.104	36.153	-104.214

87731	223	200	2.26E+08	104343	87.226	0.04	35.75986	-105.413
87732	1672	1033	3.95E+08	109363	152.673	0.042	35.958	-105.364
87733	158	132	1.06E+09	132523	409.639	0.051	35.81543	-103.839
87734	181	178	3.82E+08	34924	147.394	0.013	36.16654	-105.086
87735	90	58	89408234	121982	34.521	0.047	36.06946	-105.153
87736	233	135	66795724	166099	25.79	0.064	35.98045	-105.197
87740	8068	4155	3.13E+09	2234286	1206.86	0.863	36.74663	-104.415
87742	609	477	3.4E+08	36370	131.463	0.014	35.90235	-105.511
87743	361	276	1.44E+09	110077	555.679	0.043	35.97357	-104.091
87745	654	375	3.43E+08	4252294	132.581	1.642	35.81093	-105.214
87746	120	126	1.19E+09	18999	460.904	0.007	35.77607	-104.047
87747	1624	811	1.88E+09	5024515	727.465	1.94	36.35619	-104.472
87749	75	204	1.3E+08	33107	50.112	0.013	36.54443	-105.103
87750	11	10	26385656	0	10.188	0	35.82533	-104.927
87752	431	301	2.26E+09	2427752	872.722	0.937	36.02159	-104.65
87753	254	126	4.49E+08	1067353	173.378	0.412	35.86331	-104.954
87801	10221	4615	3.7E+08	25853	142.797	0.01	34.12721	-106.826
87820	161	157	4.08E+08	1279488	157.446	0.494	33.93765	-108.587
87821	672	657	4.65E+09	1902993	1797.247	0.735	33.97995	-108.063
87823	884	436	1.56E+08	123695	60.103	0.048	34.20669	-106.986
87824	194	185	3.59E+08	255134	138.665	0.099	33.82851	-108.982
87825	2999	1305	6.9E+09	2328933	2663.121	0.899	33.87732	-107.656
87827	276	259	1.54E+09	767366	594.125	0.296	34.40683	-108.097
87828	429	187	5139414	0	1.984	0	34.20585	-106.917
87829	922	902	4.54E+09	6496629	1752.727	2.508	34.3577	-108.643
87830	999	667	2.14E+09	979125	827.127	0.378	33.72806	-108.744
87831	195	95	34335937	0	13.257	0	34.2648	-106.933
87832	600	331	3.26E+09	1658898	1257.883	0.641	33.7669	-106.821
87901	7139	4680	2.09E+09	1.25E+08	806.772	48.37	33.2168	-107.101
87930	829	370	3.79E+08	948334	146.148	0.366	32.85068	-107.444
87931	634	441	2.86E+08	17038520	110.26	6.579	32.95347	-107.427
87933	106	33	3191605	0	1.232	0	32.7902	-107.278
87935	1770	1758	93901978	60134	36.256	0.023	33.2548	-107.229
87936	515	202	31089019	531156	12.004	0.205	32.75283	-107.264
87937	3303	1126	4.63E+08	1843776	178.837	0.712	32.59318	-107.184
87939	125	80	3.36E+08	0	129.688	0	33.41268	-107.489
87940	669	254	1.67E+08	1503377	64.315	0.58	32.62152	-107.007
87941	1216	368	20450720	156469	7.896	0.06	32.72069	-107.22
87942	898	537	3.83E+08	467729	147.878	0.181	33.06099	-107.349
87943	228	233	2.86E+09	122607	1104.023	0.047	33.38309	-107.736
88001	37484	16135	29428951	0	11.363	0	32.29005	-106.754
88002	1656	565	4.65E+08	4351	179.664	0.002	32.46295	-106.486
88003	894	4	857053	0	0.331	0	32.28065	-106.746
88004	699	0	1.01E+08	0	38.863	0	32.2231	-106.987
88005	27116	11467	1.27E+08	499155	49.155	0.193	32.25835	-106.823
88007	24048	9538	9.63E+08	1944934	371.732	0.751	32.44109	-106.921
88008	5747	2097	1.27E+08	0	49.158	0	31.83938	-106.682

88009	88	35	6.44E+08	2719304	248.801	1.05	31.99602	-108.575
88011	27698	13263	3.79E+08	199310	146.404	0.077	32.32223	-106.656
88012	25961	9533	9.43E+08	0	364.262	0	32.58338	-106.771
88020	882	490	3.02E+09	10126344	1165.873	3.91	31.77241	-108.839
88021	18421	5896	2.07E+09	744185	798.037	0.287	31.95189	-107.016
88022	1343	588	30348270	11164	11.718	0.004	32.808	-108.176
88023	2406	1119	18182846	177670	7.02	0.069	32.73257	-108.144
88024	236	69	1921838	0	0.742	0	32.07056	-106.639
88025	256	148	5.53E+08	100491	213.436	0.039	33.04681	-108.743
88026	1658	769	13185320	71096	5.091	0.027	32.75251	-108.163
88027	493	179	1.92E+08	0	74.168	0	32.04413	-106.79
88028	492	265	3.39E+08	0	130.803	0	32.93282	-108.636
88029	1873	865	4.65E+08	14214	179.462	0.005	31.84488	-107.695
88030	23222	10134	6.67E+09	417767	2575.687	0.161	32.19163	-107.729
88032	195	67	443317	0	0.171	0	32.39956	-106.819
88033	11	9	2.14E+08	0	82.785	0	32.31962	-107.029
88034	96	53	2.39E+08	236272	92.227	0.091	32.61318	-107.938
88038	431	257	9.96E+08	4697060	384.528	1.814	33.12197	-108.383
88039	465	411	2.09E+09	1299513	806.722	0.502	33.29845	-108.803
88040	116	110	2.9E+09	10305749	1120.504	3.979	31.59734	-108.355
88041	1243	809	1.16E+09	1689041	447.453	0.652	32.79012	-107.913
88042	250	240	1.4E+09	231519	542.071	0.089	32.81248	-107.578
88043	1621	809	1.65E+08	1908160	63.885	0.737	32.61036	-108.1
88044	3896	1507	3.06E+08	962475	118.207	0.372	32.14798	-106.806
88045	3662	1695	2.9E+09	904992	1118.733	0.349	32.38509	-108.756
88046	697	371	6184492	0	2.388	0	32.25002	-106.802
88047	1967	764	18886372	0	7.292	0	32.21004	-106.715
88048	3862	1206	50688632	168570	19.571	0.065	32.16345	-106.66
88049	408	256	4.84E+08	267127	186.856	0.103	33.03558	-107.919
88051	94	77	8.37E+08	12636	323.157	0.005	32.99916	-108.92
88052	270	169	2638788	0	1.019	0	32.42536	-106.599
88053	133	95	28004395	0	10.813	0	32.90252	-108.206
88055	37	41	7.95E+08	71539	306.958	0.028	32.72782	-108.741
88056	233	158	3.37E+08	0	130.083	0	31.8442	-108.983
88061	18585	9006	3.7E+09	5702994	1429.131	2.202	32.65444	-108.334
88063	12799	3567	30049707	753015	11.602	0.291	31.81796	-106.599
88065	624	306	3673259	0	1.418	0	32.67748	-108.329
88072	2501	735	63183026	120405	24.395	0.046	32.13806	-106.616
88081	15708	4654	1.03E+09	17594	396.27	0.007	32.23124	-106.231
88101	45006	18662	1.38E+09	4521794	532.065	1.746	34.49938	-103.275
88103	278	0	11184807	172825	4.318	0.067	34.38397	-103.318
88112	123	80	4.36E+08	458329	168.464	0.177	34.84597	-103.177
88113	103	56	1.99E+08	66922	76.97	0.026	33.77201	-103.085
88114	35	27	4.52E+08	88524	174.643	0.034	33.52357	-103.199
88115	44	25	4175306	26000	1.612	0.01	33.93088	-103.345
88116	455	253	3.66E+09	4291281	1412.305	1.657	33.9157	-103.879
88118	180	96	4.65E+08	597389	179.482	0.231	34.22954	-103.689

88119	1932	1284	4.47E+09	28456166	1724.924	10.987	34.322	-104.407
88120	239	129	7.93E+08	271791	306.036	0.105	34.79985	-103.346
88121	152	98	6.42E+08	0	248.005	0	34.71462	-103.981
88124	1165	637	2.19E+09	1555416	846.687	0.601	34.54338	-103.652
88125	90	46	8.36E+08	113351	322.781	0.044	33.70553	-103.226
88126	30	16	1.32E+08	241623	50.877	0.093	33.81126	-103.372
88130	18651	7543	1.62E+09	13820519	625.108	5.336	34.12918	-103.299
88132	199	105	5.31E+08	1055552	205.197	0.408	33.9073	-103.167
88134	46	25	6.83E+08	204192	263.695	0.079	34.32309	-104.019
88135	1804	676	4.39E+08	1447511	169.558	0.559	34.58281	-103.1
88136	44	35	8.65E+08	499432	334.005	0.193	34.46533	-104.751
88201	25490	11195	5.93E+09	13443641	2288.942	5.191	33.63706	-104.378
88203	31561	12305	3.83E+09	2784273	1477.484	1.075	33.30957	-104.088
88210	17217	6934	3.31E+09	27199626	1276.926	10.502	32.7718	-104.22
88220	33725	14464	5.31E+09	9282490	2048.624	3.584	32.31148	-104.432
88230	5179	1934	6.38E+08	2726944	246.162	1.053	33.21917	-104.398
88231	3238	1412	9.51E+08	36421	367.107	0.014	32.45191	-103.263
88232	2525	847	4.85E+08	2639518	187.243	1.019	33.07738	-104.466
88240	37149	14041	1.62E+09	1244762	624.944	0.481	32.70371	-103.485
88242	6141	2335	1.43E+08	185777	55.321	0.072	32.81342	-103.162
88250	270	161	1.78E+09	2342451	688.004	0.904	32.70189	-104.96
88252	2160	1082	2.29E+09	71945	884.554	0.028	32.15512	-103.378
88253	935	389	4.91E+08	1596193	189.565	0.616	32.93465	-104.626
88254	191	98	1.47E+08	400751	56.647	0.155	32.61274	-104.45
88255	128	57	17250596	0	6.66	0	32.8142	-103.996
88256	1925	740	1.26E+09	15458555	488.356	5.969	32.19807	-103.908
88260	14343	5244	1.96E+09	3394532	755.899	1.311	32.99191	-103.382
88262	30	23	1.75E+08	64288	67.654	0.025	33.11714	-103.421
88263	175	72	2.67E+08	1516336	103.026	0.585	32.09788	-104.082
88264	39	28	3.05E+08	266644	117.704	0.103	32.89091	-103.712
88265	243	115	2E+08	0	77.145	0	32.62045	-103.303
88267	1349	612	2.48E+09	3081152	959.314	1.19	33.33744	-103.425
88268	7	7	418266	0	0.161	0	32.17632	-104.38
88301	1386	859	2.28E+09	54953	879.317	0.021	33.78401	-105.786
88310	35776	16669	1.11E+09	1273793	427.174	0.492	32.64007	-106.075
88311	854	482	6343484	1257	2.449	0	32.80798	-105.988
88312	2586	2834	2.5E+08	33714	96.628	0.013	33.43765	-105.673
88314	210	131	1.22E+08	28796	47.067	0.011	33.11012	-105.867
88316	2351	1358	2.77E+09	114095	1069.32	0.044	33.79766	-105.323
88317	1751	3217	6.11E+08	169365	235.99	0.065	32.92377	-105.637
88318	381	274	3.37E+09	3803	1299.321	0.001	34.2071	-105.397
88321	187	140	2.22E+09	76957	856.751	0.03	34.76131	-105.458
88323	14	10	301788	0	0.117	0	33.4947	-105.528
88324	210	126	1E+08	0	38.776	0	33.38981	-105.439
88325	899	649	2.63E+08	48365	101.587	0.019	32.85661	-105.858
88330	3054	1006	3572590	0	1.379	0	32.83661	-106.077
88336	267	169	3.22E+08	24356	124.317	0.009	33.32831	-105.28

88337	2295	1131	1.04E+08	93659	40.06	0.036	32.99669	-105.885
88338	189	118	2.61E+08	614	100.868	0	33.48953	-105.395
88339	618	635	1.16E+09	813692	449.383	0.314	32.94188	-105.261
88340	3616	1114	1.86E+09	1470265	718.177	0.568	33.17614	-105.583
88341	538	360	2.58E+08	186225	99.427	0.072	33.42618	-105.857
88342	52	43	15112802	1227	5.835	0	32.38858	-106.112
88343	48	33	6.81E+08	0	263.046	0	33.22592	-105.077
88344	159	92	1.72E+09	3625258	664.022	1.4	32.55869	-105.292
88345	8845	9457	85539571	15485	33.027	0.006	33.34723	-105.68
88346	3132	1600	1.55E+08	0	59.922	0	33.35381	-105.54
88347	100	187	99450544	90186	38.398	0.035	32.75619	-105.658
88348	314	170	26458096	0	10.216	0	33.39617	-105.358
88349	70	41	78508261	7555	30.312	0.003	32.77928	-105.802
88350	368	708	3.68E+08	132578	142.046	0.051	32.64339	-105.677
88351	256	180	1.71E+09	0	662.009	0	33.54942	-105.088
88352	5188	2560	1.28E+09	1611312	492.806	0.622	33.16631	-105.994
88353	473	344	1.8E+09	0	694.509	0	34.57136	-105.116
88354	108	109	3.16E+08	159036	122.112	0.061	32.75515	-105.494
88355	29	28	45391	0	0.018	0	33.36042	-105.667
88401	6944	3864	2.78E+09	7728754	1073.98	2.984	35.11948	-103.822
88410	129	83	1.41E+09	1487968	544.934	0.575	35.87703	-103.291
88411	82	61	7.1E+08	73275	274.244	0.028	35.14066	-103.151
88414	39	26	11669040	1360	4.505	0.001	36.77696	-103.996
88415	3569	1666	3.12E+09	9943034	1203.283	3.839	36.31176	-103.327
88416	189	618	1.84E+08	9778715	70.89	3.776	35.28577	-104.195
88417	25	21	3.33E+08	51063	128.748	0.02	35.05921	-104.377
88418	294	199	1.32E+09	1456754	507.928	0.562	36.72586	-103.685
88419	229	170	2.38E+09	3496544	919.639	1.35	36.91005	-103.531
88421	19	42	4.85E+08	0	187.452	0	35.29835	-104.481
88422	68	58	6.25E+08	690427	241.303	0.267	36.34531	-103.992
88424	128	94	2.22E+09	2320465	855.634	0.896	36.41254	-103.656
88426	1212	1153	1.82E+09	11257538	704.236	4.347	35.54155	-103.509
88427	119	72	5.33E+08	0	205.791	0	34.7705	-103.774
88430	162	113	9.52E+08	213	367.397	0	35.58151	-103.18
88431	49	45	5.43E+08	8809	209.703	0.003	35.17006	-104.275
88434	369	199	9.7E+08	166629	374.429	0.064	35.1747	-103.306
88435	3559	1633	4.73E+09	2759067	1826.306	1.065	34.91415	-104.696
88436	185	94	3.42E+08	857736	131.986	0.331	36.13727	-103.123
89001	1224	559	5.37E+09	5001726	2072.632	1.931	37.27693	-115.394
89002	31880	11705	22608039	0	8.729	0	35.99837	-114.961
89003	1032	714	8.09E+08	80617	312.457	0.031	36.97136	-116.744
89004	313	165	1.14E+08	15412	43.825	0.006	36.10275	-115.488
89005	15065	7592	3.17E+08	42393686	122.434	16.368	35.98673	-114.809
89007	1351	404	8.58E+08	4509592	331.09	1.741	36.66666	-114.227
89008	1508	720	5.63E+09	933936	2173.415	0.361	37.28609	-114.513
89010	415	279	1.05E+09	2189119	404.227	0.845	37.78254	-118.075
89011	19550	9592	44036803	0	17.003	0	36.08272	-114.968

89012	29085	13511	28427646	0	10.976	0	36.01189	-115.043
89013	285	390	2.24E+09	155134	866.76	0.06	37.41518	-117.347
89014	36922	16432	19631725	0	7.58	0	36.06171	-115.058
89015	38993	15554	97106365	0	37.493	0	36.0393	-114.928
89017	176	80	1.1E+09	854118	424.876	0.33	37.74405	-115.251
89018	1007	563	1.45E+08	0	56.157	0	36.51137	-115.645
89019	2673	1623	1.24E+09	0	477.164	0	35.76663	-115.735
89020	1456	711	8.95E+08	141822	345.435	0.055	36.53227	-116.444
89021	3605	1214	1.06E+08	61493	40.843	0.024	36.64029	-114.471
89022	69	138	4.47E+08	0	172.754	0	38.54099	-117.021
89025	1400	510	1.69E+09	2421	651.401	0.001	36.56287	-114.886
89026	150	8	69212986	0	26.723	0	35.75524	-115.29
89027	15275	8910	76382004	994435	29.491	0.384	36.81369	-114.12
89029	7546	5170	2.44E+08	4140626	94.059	1.599	35.12922	-114.657
89030	53928	15908	24235952	0	9.358	0	36.21146	-115.124
89031	60589	21485	24632957	0	9.511	0	36.25889	-115.172
89032	40297	14414	26560249	0	10.255	0	36.22318	-115.173
89039	316	215	2.14E+08	0	82.465	0	35.28792	-114.88
89040	3721	1964	1.35E+09	2.53E+08	521.353	97.55	36.35662	-114.579
89042	1010	448	3.68E+08	19717	142.105	0.008	37.74549	-114.332
89043	1429	926	4.5E+09	1065103	1738.016	0.411	38.2559	-114.473
89044	14260	7556	81260253	0	31.375	0	35.90244	-115.179
89045	1505	776	3.1E+09	6775834	1195.34	2.616	38.88056	-116.969
89046	660	573	2.24E+09	55729294	863.352	21.517	35.50113	-114.888
89047	107	133	14116706	0	5.45	0	37.76595	-117.648
89048	21169	10388	1.98E+08	352439	76.619	0.136	36.16534	-116.003
89049	2727	1769	4.52E+09	1357803	1744.961	0.524	38.35666	-116.262
89052	47214	21996	1.34E+08	0	51.92	0	35.9551	-115.057
89054	105	59	12980268	0	5.012	0	35.92721	-115.208
89060	10227	4988	1.2E+09	83993	462.552	0.032	36.38572	-116.06
89061	5252	2567	1.88E+08	10632	72.717	0.004	36.08642	-115.898
89074	47095	20274	23248043	0	8.976	0	36.03657	-115.081
89081	29774	10880	19336280	112001	7.466	0.043	36.25789	-115.103
89084	21837	9359	28312067	0	10.931	0	36.29691	-115.174
89085	3367	1222	1340545	0	0.518	0	36.30966	-115.198
89086	4726	1798	17587708	0	6.791	0	36.29225	-115.109
89101	46055	18340	13863521	0	5.353	0	36.17254	-115.122
89102	35759	16357	13875196	0	5.357	0	36.14541	-115.187
89103	50519	27455	17340746	0	6.695	0	36.11183	-115.212
89104	39909	16431	14706763	0	5.678	0	36.15136	-115.109
89106	25759	10222	13709882	0	5.293	0	36.18169	-115.163
89107	36282	13646	14140123	16686	5.46	0.006	36.17124	-115.209
89108	70123	28171	23273170	0	8.986	0	36.20527	-115.224
89109	7770	14574	11481186	0	4.433	0	36.13166	-115.168
89110	70994	22502	28782115	0	11.113	0	36.17143	-115.048
89113	23800	11593	28858530	0	11.142	0	36.06113	-115.264
89115	58794	21384	64782038	0	25.012	0	36.25364	-115.041

89117	55416	26704	23623828	108509	9.121	0.042	36.14096	-115.281
89118	19318	10020	27409080	0	10.583	0	36.07738	-115.214
89119	49445	26082	33487365	0	12.93	0	36.08472	-115.146
89120	23311	10062	18038716	0	6.965	0	36.08132	-115.095
89121	64096	28968	23822443	0	9.198	0	36.12152	-115.091
89122	45720	20088	23510250	0	9.077	0	36.10645	-115.04
89123	56300	27243	27602272	0	10.657	0	36.03521	-115.149
89124	941	958	3.53E+09	1139469	1362.16	0.44	36.11484	-115.613
89128	35669	16357	15535830	0	5.998	0	36.19682	-115.264
89129	51252	21020	25915606	0	10.006	0	36.23332	-115.29
89130	33015	13186	19801355	0	7.645	0	36.25397	-115.227
89131	43072	16101	41515959	8791	16.029	0.003	36.30715	-115.246
89134	24040	12884	17167455	0	6.628	0	36.20273	-115.308
89135	24144	11577	1.18E+08	0	45.591	0	36.10098	-115.376
89138	12118	4923	10895598	0	4.207	0	36.16661	-115.361
89139	30477	12124	27418912	0	10.587	0	36.03468	-115.212
89141	25150	9955	27684272	0	10.689	0	35.98844	-115.207
89142	33731	11410	12338843	0	4.764	0	36.14792	-115.036
89143	12786	4463	8864942	0	3.423	0	36.32232	-115.293
89144	18714	8205	10166081	0	3.925	0	36.17889	-115.321
89145	23186	10495	11942971	0	4.611	0	36.16769	-115.278
89146	19071	8105	12411418	0	4.792	0	36.14324	-115.227
89147	49778	21829	19227223	0	7.424	0	36.1128	-115.28
89148	39712	16862	31901228	0	12.317	0	36.08017	-115.297
89149	31143	13917	31087031	0	12.003	0	36.27225	-115.293
89156	27794	10565	84041812	0	32.449	0	36.16341	-114.988
89161	184	89	49591319	0	19.147	0	36.00036	-115.364
89166	13209	4091	5E+08	0	193.165	0	36.38064	-115.507
89169	23304	13158	8811101	0	3.402	0	36.12416	-115.141
89178	27588	11678	49497825	0	19.111	0	35.99767	-115.286
89179	2340	881	3.09E+08	0	119.152	0	35.89454	-115.332
89183	36005	15062	18154277	0	7.009	0	35.99585	-115.158
89191	857	1	17427671	0	6.729	0	36.23949	-115.026
89301	7606	3230	5.04E+09	32721157	1944.551	12.634	39.54005	-114.77
89310	550	426	7.69E+09	58220195	2967.856	22.479	39.43054	-117.163
89311	235	154	5.51E+08	257573	212.636	0.099	38.98604	-114.2
89314	158	78	4.29E+08	57666	165.647	0.022	38.82281	-115.772
89316	1408	750	3.99E+09	3067722	1542.447	1.184	39.82799	-115.901
89317	477	237	2.43E+08	3312531	93.798	1.279	38.7979	-115.025
89318	1219	616	72849529	928641	28.127	0.359	39.44372	-114.81
89319	450	251	27374403	0	10.569	0	39.29629	-114.976
89402	71	59	269192	140527	0.104	0.054	39.22507	-120.002
89403	14158	5947	5.22E+08	199949	201.6	0.077	39.23154	-119.478
89404	52	51	5.94E+08	6034047	229.205	2.33	41.90318	-118.669
89405	239	162	1.15E+09	0	442.557	0	40.48057	-119.425
89406	24772	10790	4.04E+09	53303949	1558.116	20.581	39.5257	-118.27
89408	19626	8074	3.84E+08	17762480	148.416	6.858	39.56332	-119.174

89409	283	201	1.14E+09	1894661	439.802	0.732	38.80184	-118.11
89410	10557	4959	4.51E+08	4440385	173.97	1.714	38.8718	-119.604
89411	929	695	58897332	0	22.74	0	39.019	-119.85
89412	288	240	7.59E+09	16709518	2929.14	6.452	41.10293	-119.695
89413	655	799	40897131	1446983	15.79	0.559	39.07345	-119.923
89414	349	249	2.28E+09	8442411	880.602	3.26	41.04458	-117.181
89415	3793	2233	7.85E+08	44910819	303.089	17.34	38.4804	-118.638
89418	388	255	7.04E+08	0	271.647	0	40.54828	-118.034
89419	5150	1706	1.19E+09	180343	461.231	0.07	40.37481	-118.189
89420	48	58	79628564	0	30.745	0	38.54456	-118.227
89421	634	306	2.16E+09	11820	835.746	0.005	42.0521	-117.856
89422	165	166	1.14E+09	1537537	440.321	0.594	38.17761	-118.454
89423	10465	4597	1.79E+08	669591	69.256	0.259	39.01886	-119.756
89424	341	134	6.13E+08	36419594	236.748	14.062	39.88817	-119.284
89425	432	242	1.84E+09	1152	711.242	0	41.62986	-117.916
89426	208	158	8.28E+08	840215	319.532	0.324	41.48795	-117.425
89427	746	360	6.33E+08	3168173	244.289	1.223	38.89161	-118.633
89428	179	95	3179021	0	1.227	0	39.26103	-119.635
89429	7627	3499	4.36E+08	15099591	168.467	5.83	39.32483	-119.297
89430	433	203	1.02E+08	0	39.442	0	38.77509	-119.305
89431	36189	14980	25051624	9623	9.672	0.004	39.5404	-119.749
89433	20188	6934	40217746	0	15.528	0	39.60894	-119.777
89434	25416	10670	77496113	690001	29.921	0.266	39.54132	-119.65
89436	36867	14060	1.06E+08	1269347	40.764	0.49	39.60416	-119.689
89438	48	40	1.21E+08	3184332	46.756	1.229	40.79854	-117.093
89439	1417	718	37759515	304691	14.579	0.118	39.52035	-120
89440	947	560	37448148	0	14.459	0	39.29648	-119.659
89441	11542	4259	1.07E+08	0	41.504	0	39.67637	-119.676
89442	1118	464	4.14E+08	48685	159.745	0.019	39.70932	-119.415
89444	2734	1475	7.66E+08	9140000	295.863	3.529	38.66981	-119.386
89445	16114	6665	1.01E+10	4392408	3911.405	1.696	41.16934	-118.264
89446	36	12	12053800	0	4.654	0	41.217	-117.87
89447	7931	3783	1.98E+09	1996169	762.731	0.771	38.81128	-119.131
89448	1695	1695	31812838	914594	12.283	0.353	38.99649	-119.917
89449	2994	2330	25980901	272684	10.031	0.105	38.95499	-119.911
89450	86	113	76478	0	0.03	0	39.24049	-119.939
89451	8930	7782	65526936	2503479	25.3	0.967	39.24158	-119.934
89460	13236	5681	1.4E+08	1196501	54.205	0.462	38.90225	-119.792
89501	4252	3592	1641357	0	0.634	0	39.52575	-119.813
89502	43566	19541	57651951	152388	22.26	0.059	39.49131	-119.744
89503	27891	13086	16798517	167433	6.486	0.065	39.54104	-119.84
89506	38379	13729	2.45E+08	5338874	94.522	2.061	39.71212	-119.821
89508	11662	4562	4.13E+08	4878621	159.586	1.884	39.7806	-119.914
89509	33395	17127	23175764	95199	8.948	0.037	39.49596	-119.827
89510	1685	744	2.68E+09	4.79E+08	1034.25	184.987	40.0819	-119.613
89511	25011	10788	3.86E+08	30440	149.043	0.012	39.38544	-119.877
89512	25574	11304	16321939	59345	6.302	0.023	39.55587	-119.801

89519	8392	3858	20176090	199839	7.79	0.077	39.4807	-119.858
89521	25716	11137	1.99E+08	881427	76.682	0.34	39.38529	-119.692
89523	31373	14059	48799502	328336	18.842	0.127	39.52432	-119.917
89701	27625	10579	86266815	999025	33.308	0.386	39.13023	-119.725
89702	0	0	486977	0	0.188	0	39.1591	-119.736
89703	9714	4751	65751616	28590	25.387	0.011	39.16382	-119.835
89704	4290	1897	1.98E+08	23146668	76.558	8.937	39.26266	-119.816
89705	4969	2082	1.12E+08	1584587	43.157	0.612	39.11167	-119.861
89706	19510	8871	82078515	120568	31.691	0.047	39.2227	-119.702
89801	23298	9177	4.51E+09	11494776	1742.842	4.438	41.24799	-115.761
89815	13346	4843	1.63E+09	4481200	629.503	1.73	40.61533	-115.594
89820	5358	2203	5.61E+09	3231123	2166.496	1.248	40.41162	-116.977
89821	482	314	9.5E+08	6549799	366.74	2.529	40.49536	-116.468
89822	2513	1100	1.5E+09	0	577.374	0	40.53067	-116.194
89823	273	109	9.84E+08	1204105	379.749	0.465	41.00733	-115.281
89825	1228	651	1.09E+08	117470	42.052	0.045	41.87618	-114.777
89826	42	102	2.28E+08	20822	88.06	0.008	41.8906	-115.385
89828	268	176	3.38E+08	93638	130.324	0.036	40.77969	-115.296
89830	270	224	2.02E+09	1950678	781.661	0.753	41.26996	-114.287
89831	78	81	5.43E+08	991988	209.513	0.383	41.71626	-116.079
89832	1304	491	3.43E+08	2734219	132.595	1.056	41.98002	-116.158
89833	201	182	1.3E+09	8257402	501.211	3.188	40.48152	-115.332
89834	126	73	2.34E+09	3391995	902.782	1.31	41.37998	-116.203
89835	1822	876	6.6E+09	4202251	2548.715	1.622	41.1145	-114.853
89883	4488	1549	7.75E+08	979030	299.275	0.378	40.84868	-114.157
90001	57110	13788	9071361	0	3.502	0	33.97403	-118.25
90002	51223	12598	7930685	0	3.062	0	33.9491	-118.247
90003	66266	17127	9197642	403	3.551	0	33.96413	-118.273
90004	62180	24278	7894533	0	3.048	0	34.0762	-118.311
90005	37681	16345	2807559	0	1.084	0	34.05916	-118.307
90006	59185	20332	4972248	0	1.92	0	34.04804	-118.294
90007	40920	12762	6387018	0	2.466	0	34.02813	-118.285
90008	32327	15006	9513430	68544	3.673	0.026	34.00955	-118.347
90010	3800	2382	1184445	0	0.457	0	34.06215	-118.316
90011	103892	23547	11100424	529	4.286	0	34.00709	-118.259
90012	31103	11370	8375660	152963	3.234	0.059	34.06588	-118.239
90013	11772	7516	1737681	36081	0.671	0.014	34.04541	-118.24
90014	7005	4990	733437	0	0.283	0	34.04315	-118.252
90015	18986	8245	4430188	0	1.711	0	34.03938	-118.266
90016	47596	17204	9393921	8288	3.627	0.003	34.02833	-118.354
90017	23768	10610	1881077	0	0.726	0	34.05291	-118.264
90018	49310	16658	7500313	0	2.896	0	34.02889	-118.317
90019	64458	25116	10070053	10609	3.888	0.004	34.04984	-118.338
90020	38967	17900	2927480	0	1.13	0	34.06638	-118.31
90021	3951	1761	5362540	72704	2.07	0.028	34.02904	-118.238
90022	67179	17713	11346604	11013	4.381	0.004	34.02373	-118.156
90023	45903	11259	10941450	89434	4.225	0.035	34.0225	-118.2

90024	47452	19932	7608226	0	2.938	0	34.06573	-118.435
90025	42147	23058	6655173	3878	2.57	0.001	34.04536	-118.446
90026	67869	26686	10942889	220946	4.225	0.085	34.08002	-118.263
90027	45151	23390	21402832	269094	8.264	0.104	34.12719	-118.296
90028	28714	17126	3947880	0	1.524	0	34.09991	-118.327
90029	38617	14723	3526895	0	1.362	0	34.08985	-118.295
90031	39316	11903	8945994	202984	3.454	0.078	34.08581	-118.207
90032	45786	13521	12347050	28686	4.767	0.011	34.0782	-118.185
90033	48852	13690	8461294	74288	3.267	0.029	34.05038	-118.212
90034	57964	27210	8062311	22896	3.113	0.009	34.03058	-118.4
90035	28418	14030	5330221	0	2.058	0	34.05181	-118.384
90036	36865	19920	6398643	3300	2.471	0.001	34.07041	-118.35
90037	62276	17192	7351184	0	2.838	0	34.00272	-118.287
90038	28917	12812	4057211	3325	1.566	0.001	34.08848	-118.326
90039	28514	12127	9764431	514302	3.77	0.199	34.11153	-118.261
90040	12520	3397	14454795	2782	5.581	0.001	33.99452	-118.15
90041	27425	9998	9352825	30513	3.611	0.012	34.13741	-118.208
90042	62430	21018	12027396	84278	4.644	0.033	34.11471	-118.192
90043	44789	17172	10705820	2585	4.134	0.001	33.98851	-118.336
90044	89779	27479	13303825	0	5.137	0	33.95272	-118.292
90045	39480	16127	27779045	779	10.726	0	33.94211	-118.417
90046	48581	30688	14970999	3009	5.78	0.001	34.10846	-118.362
90047	48606	17150	12251863	472	4.73	0	33.95362	-118.308
90048	21397	12939	4882696	0	1.885	0	34.07292	-118.373
90049	35482	18097	38905061	1371	15.021	0.001	34.09183	-118.491
90056	7827	3518	4090954	0	1.58	0	33.98805	-118.37
90057	44998	17247	2293706	34211	0.886	0.013	34.06174	-118.277
90058	3223	921	15042486	590699	5.808	0.228	34.00284	-118.216
90059	40952	10617	8581870	42500	3.313	0.016	33.92626	-118.25
90061	26872	7385	6895207	1362	2.662	0.001	33.92128	-118.274
90062	32821	9795	5008337	0	1.934	0	34.00364	-118.309
90063	55758	14012	8476100	0	3.273	0	34.04511	-118.186
90064	25403	11540	10360459	3034	4	0.001	34.03725	-118.424
90065	45527	15288	13671567	2611	5.279	0.001	34.11227	-118.225
90066	55277	25319	12746971	143777	4.922	0.056	34.00203	-118.431
90067	2424	1808	849895	0	0.328	0	34.0576	-118.414
90068	22286	13901	19731266	470986	7.618	0.182	34.12977	-118.331
90069	20483	14781	5475785	0	2.114	0	34.09383	-118.382
90071	15	0	319155	0	0.123	0	34.05288	-118.255
90073	539	4	877374	0	0.339	0	34.05453	-118.457
90077	9377	3888	18985951	350034	7.331	0.135	34.10854	-118.457
90079	0	0	25585	0	0.01	0	34.04059	-118.255
90089	3217	31	742759	0	0.287	0	34.02022	-118.286
90090	0	0	599380	0	0.231	0	34.07286	-118.241
90094	5464	3168	1582611	0	0.611	0	33.97542	-118.417
90095	3	2	1023532	0	0.395	0	34.07131	-118.444
90201	101279	24940	15375409	294865	5.936	0.114	33.97034	-118.171

90210	21741	9563	26226245	157100	10.126	0.061	34.10263	-118.416
90211	8434	4052	1813980	0	0.7	0	34.06496	-118.383
90212	11555	6170	2474163	0	0.955	0	34.06221	-118.402
90220	49328	13498	17898040	94403	6.91	0.036	33.88151	-118.234
90221	53704	12368	13809565	265392	5.332	0.102	33.88562	-118.206
90222	31869	8026	6621871	70892	2.557	0.027	33.91225	-118.237
90230	31766	13344	11672688	113071	4.507	0.044	33.99821	-118.394
90232	15149	6944	5454835	35214	2.106	0.014	34.01932	-118.392
90240	25876	7991	7624869	183658	2.944	0.071	33.95573	-118.118
90241	42399	14316	12758123	171073	4.926	0.066	33.94088	-118.129
90242	43497	13294	11785986	59544	4.551	0.023	33.92179	-118.141
90245	16654	7410	14148053	994041	5.463	0.384	33.91714	-118.404
90247	47487	16620	9723269	10850	3.754	0.004	33.89085	-118.298
90248	9947	3573	12155495	242901	4.693	0.094	33.87648	-118.284
90249	26669	9214	7712765	79771	2.978	0.031	33.90139	-118.316
90250	93193	32600	17340185	35695	6.695	0.014	33.91478	-118.348
90254	19506	10162	3697139	1540929	1.427	0.595	33.86426	-118.399
90255	75066	19118	9629884	8372	3.718	0.003	33.97803	-118.217
90260	34924	10879	6941367	48968	2.68	0.019	33.88856	-118.352
90262	69745	15266	12517493	186079	4.833	0.072	33.92353	-118.201
90263	1612	0	585126	0	0.226	0	34.03903	-118.708
90265	18116	9033	2.79E+08	18856260	107.794	7.28	34.06612	-118.846
90266	35135	14929	10194994	1901158	3.936	0.734	33.88915	-118.402
90270	27372	6761	3267832	78552	1.262	0.03	33.98773	-118.187
90272	22986	9815	59133992	1423894	22.832	0.55	34.08746	-118.544
90274	25209	9941	31002843	2631966	11.97	1.016	33.78007	-118.372
90275	41804	16236	35004660	8398187	13.515	3.243	33.75315	-118.367
90277	35293	18062	9279695	3503183	3.583	1.353	33.83001	-118.387
90278	40071	16655	9333177	0	3.604	0	33.87321	-118.37
90280	94396	24160	18920058	302730	7.305	0.117	33.94416	-118.193
90290	6368	2867	51935407	24096	20.052	0.009	34.10773	-118.616
90291	28341	16212	6462163	873010	2.495	0.337	33.9934	-118.465
90292	21576	14585	5280289	2851541	2.039	1.101	33.97901	-118.458
90293	12132	6968	7420242	3984738	2.865	1.539	33.94731	-118.44
90301	36568	12565	6416784	0	2.478	0	33.95653	-118.359
90302	29415	11431	4903281	2993	1.893	0.001	33.97533	-118.355
90303	26176	7646	5745894	46436	2.219	0.018	33.93977	-118.331
90304	28210	6946	4057527	0	1.567	0	33.93789	-118.359
90305	14853	6166	6006924	16215	2.319	0.006	33.95889	-118.331
90401	6722	4682	2199166	439378	0.849	0.17	34.01367	-118.494
90402	12250	5945	5189913	326900	2.004	0.126	34.03467	-118.504
90403	24525	15172	3697303	247223	1.428	0.095	34.03076	-118.492
90404	21360	10865	5159382	0	1.992	0	34.02661	-118.474
90405	27186	15370	6854633	456199	2.647	0.176	34.01117	-118.47
90501	43180	15364	14565670	102000	5.624	0.039	33.83374	-118.314
90502	18010	5939	5788343	33314	2.235	0.013	33.83318	-118.292
90503	44383	17948	13719607	24366	5.297	0.009	33.8404	-118.354

90504	32102	11986	11527566	44410	4.451	0.017	33.86726	-118.331
90505	36678	14846	15007286	30480	5.794	0.012	33.80788	-118.348
90506	0	0	407877	5736	0.157	0.002	33.8847	-118.33
90601	31974	11549	29388881	640939	11.347	0.247	34.00784	-118.03
90602	25777	8451	9610146	7160	3.71	0.003	33.97223	-118.023
90603	20063	7007	8469076	8049	3.27	0.003	33.94532	-117.992
90604	39407	12326	11036745	10788	4.261	0.004	33.9297	-118.012
90605	40331	10897	14638491	23105	5.652	0.009	33.9503	-118.024
90606	32396	8931	9797979	218730	3.783	0.084	33.97727	-118.066
90620	45113	13680	16553642	23123	6.391	0.009	33.8463	-118.012
90621	35153	10803	10728187	52196	4.142	0.02	33.87422	-117.993
90623	15554	5215	4694270	62515	1.812	0.024	33.8505	-118.04
90630	47993	16204	15864796	23874	6.125	0.009	33.81848	-118.038
90631	67619	22497	36010789	23068	13.904	0.009	33.94271	-117.952
90638	49012	15236	20417024	44920	7.883	0.017	33.90205	-118.009
90640	62549	19785	21990769	104151	8.491	0.04	34.01544	-118.111
90650	105549	28083	25403321	101814	9.808	0.039	33.90696	-118.083
90660	62928	17106	20071601	1269051	7.75	0.49	33.98952	-118.089
90670	14866	4616	21918115	103215	8.463	0.04	33.93357	-118.063
90680	29945	8848	6981102	0	2.695	0	33.80118	-117.995
90701	16591	4715	4221723	0	1.63	0	33.8676	-118.081
90703	49399	15946	22740186	339195	8.78	0.131	33.86805	-118.069
90704	4090	2481	1.94E+08	5.68E+08	74.795	219.298	33.39773	-118.441
90706	76615	24896	15819961	138179	6.108	0.053	33.88782	-118.127
90710	25457	9061	6106901	1884	2.358	0.001	33.7999	-118.299
90712	31499	11155	11101330	53623	4.286	0.021	33.84903	-118.148
90713	27925	9711	8790089	0	3.394	0	33.84799	-118.113
90715	20388	6406	4404198	111321	1.7	0.043	33.84103	-118.079
90716	14184	3652	2411559	27038	0.931	0.01	33.83046	-118.073
90717	21318	8887	5128003	0	1.98	0	33.79381	-118.317
90720	21751	8010	15868153	170236	6.127	0.066	33.79501	-118.063
90723	54099	14572	12133919	208699	4.685	0.081	33.89888	-118.167
90731	59662	23914	23803092	16677998	9.19	6.439	33.73144	-118.279
90732	21115	9250	8903149	957706	3.438	0.37	33.74212	-118.313
90740	23729	14303	22725811	1968775	8.774	0.76	33.75841	-118.075
90742	831	556	478557	914860	0.185	0.353	33.71667	-118.077
90743	456	256	214434	1128083	0.083	0.436	33.72652	-118.09
90744	53815	14684	21593280	2964288	8.337	1.145	33.77928	-118.262
90745	57251	15680	21498764	181023	8.301	0.07	33.82161	-118.264
90746	25990	8271	15106706	64767	5.833	0.025	33.85917	-118.252
90747	0	0	16629	0	0.006	0	33.8629	-118.251
90755	11074	4404	5644694	4445	2.179	0.002	33.80345	-118.168
90802	39347	23071	16791357	21909872	6.483	8.459	33.74576	-118.208
90803	32031	18682	10353507	10867846	3.998	4.196	33.75629	-118.131
90804	40311	15792	5477388	2503	2.115	0.001	33.78169	-118.148
90805	93524	27646	19085334	428897	7.369	0.166	33.86462	-118.181
90806	42399	13072	8908246	282644	3.439	0.109	33.80564	-118.189

90807	31481	13256	15124348	97995	5.84	0.038	33.82774	-118.175
90808	38232	14567	17783214	254806	6.866	0.098	33.82394	-118.111
90810	36735	9709	17342372	535649	6.696	0.207	33.81981	-118.222
90813	58911	17896	8310405	242358	3.209	0.094	33.78226	-118.197
90814	19131	9808	3508606	0	1.355	0	33.77162	-118.144
90815	39733	15409	18446263	468071	7.122	0.181	33.79435	-118.116
90822	117	4	420836	0	0.162	0	33.77844	-118.119
90831	0	0	107540	0	0.042	0	33.76834	-118.202
91001	36126	13285	21421337	42669	8.271	0.016	34.19528	-118.137
91006	31715	11142	16364902	341659	6.319	0.132	34.13626	-118.027
91007	34095	12750	14395473	13098	5.558	0.005	34.12828	-118.048
91008	1391	640	5242985	3236	2.024	0.001	34.15316	-117.969
91010	26074	8256	18234461	113263	7.04	0.044	34.14159	-117.958
91011	20280	7099	30703806	48850	11.855	0.019	34.22226	-118.205
91016	40598	15781	21978603	228869	8.486	0.088	34.1528	-118
91020	8415	3586	1948563	0	0.752	0	34.21134	-118.231
91024	10917	5113	7646972	11543	2.953	0.004	34.16877	-118.05
91030	25616	11116	8833647	31324	3.411	0.012	34.10896	-118.157
91040	20372	7732	21244063	13753	8.202	0.005	34.26196	-118.336
91042	27585	10534	1.29E+08	154741	49.883	0.06	34.32222	-118.238
91046	156	118	25915	0	0.01	0	34.21145	-118.241
91101	20460	11873	3430898	0	1.325	0	34.14667	-118.139
91103	27480	9076	13896598	158268	5.366	0.061	34.16954	-118.165
91104	36751	13670	9849391	11657	3.803	0.005	34.16538	-118.124
91105	11254	5704	9566884	53222	3.694	0.021	34.13946	-118.167
91106	24229	11742	7643112	3083	2.951	0.001	34.1394	-118.129
91107	32940	13763	21287664	200339	8.219	0.077	34.1564	-118.086
91108	13361	4562	9872619	19635	3.812	0.008	34.12267	-118.113
91201	22781	8590	6116160	27486	2.361	0.011	34.17051	-118.289
91202	22830	9297	5308492	21409	2.05	0.008	34.16793	-118.268
91203	13220	5407	2119997	7369	0.819	0.003	34.15334	-118.263
91204	16032	5969	2911130	0	1.124	0	34.13619	-118.261
91205	37810	14899	4897491	853	1.891	0	34.13658	-118.246
91206	33065	14041	15235193	39982	5.882	0.015	34.16036	-118.214
91207	10506	4283	11767215	74138	4.543	0.029	34.18238	-118.263
91208	16245	6342	17876662	138152	6.902	0.053	34.18583	-118.24
91210	328	309	113997	0	0.044	0	34.14456	-118.257
91214	30356	10919	19546295	52538	7.547	0.02	34.2363	-118.249
91301	25488	9559	88294586	333962	34.091	0.129	34.12329	-118.759
91302	25709	9702	69143126	130230	26.696	0.05	34.12331	-118.671
91303	26855	9502	5603372	41606	2.163	0.016	34.19829	-118.601
91304	50231	17456	24360147	49267	9.406	0.019	34.22438	-118.633
91306	45061	14389	10718165	63090	4.138	0.024	34.20953	-118.578
91307	24474	8556	20836532	23860	8.045	0.009	34.20083	-118.665
91311	36557	14021	83081236	2412183	32.078	0.931	34.29414	-118.604
91316	26898	12692	12968532	692918	5.007	0.268	34.16024	-118.515
91320	44274	15438	47261336	0	18.248	0	34.17597	-118.945

91321	34882	11892	67031333	65198	25.881	0.025	34.36811	-118.489
91324	27669	10020	11373551	63779	4.391	0.025	34.23821	-118.55
91325	32417	12488	12486897	7441	4.821	0.003	34.23668	-118.518
91326	33708	12206	21131468	21287	8.159	0.008	34.28149	-118.556
91330	2702	2	882333	0	0.341	0	34.24753	-118.526
91331	103689	23780	22928415	120343	8.853	0.046	34.25544	-118.421
91335	74363	24158	17002131	80912	6.565	0.031	34.20018	-118.541
91340	34188	8623	8756157	0	3.381	0	34.28669	-118.435
91342	91725	24967	1.43E+08	710812	55.101	0.274	34.32667	-118.382
91343	60254	17619	15310097	34628	5.911	0.013	34.23791	-118.482
91344	51747	17444	42511968	889947	16.414	0.344	34.29462	-118.507
91345	18496	5412	8396240	33281	3.242	0.013	34.26588	-118.457
91350	33348	11336	43886336	62601	16.945	0.024	34.44089	-118.502
91351	32362	10531	24789457	3646	9.571	0.001	34.44143	-118.448
91352	47807	12620	30221660	591630	11.669	0.228	34.23085	-118.366
91354	28722	9926	22595656	4538	8.724	0.002	34.46576	-118.554
91355	32605	13322	40079320	407900	15.475	0.157	34.43974	-118.635
91356	29458	12454	18996187	0	7.334	0	34.1551	-118.548
91360	42402	15515	37627046	0	14.528	0	34.2128	-118.882
91361	20438	8738	86771992	1702158	33.503	0.657	34.13606	-118.889
91362	36045	14033	50808113	0	19.617	0	34.19333	-118.819
91364	25851	10975	19665436	14784	7.593	0.006	34.15373	-118.593
91367	39499	18210	19272057	32319	7.441	0.012	34.17807	-118.616
91371	1	1	606883	0	0.234	0	34.18462	-118.576
91377	13811	5297	13712658	0	5.294	0	34.18498	-118.767
91381	20158	6848	97468870	91156	37.633	0.035	34.38455	-118.647
91384	29855	7197	2.81E+08	9273529	108.561	3.581	34.50663	-118.699
91387	40328	13793	1.28E+08	222180	49.525	0.086	34.40249	-118.372
91390	19786	6742	3.71E+08	2471966	143.12	0.954	34.54559	-118.42
91401	39285	15289	8943621	24584	3.453	0.009	34.17848	-118.432
91402	69817	19179	9652884	77471	3.727	0.03	34.22251	-118.445
91403	23484	12051	9404990	38625	3.631	0.015	34.14715	-118.463
91405	51145	17442	8570051	17806	3.309	0.007	34.19982	-118.448
91406	51558	18034	21061927	40225	8.132	0.016	34.19569	-118.491
91411	24628	9788	5289571	0	2.042	0	34.17852	-118.459
91423	30991	15787	11299941	61355	4.363	0.024	34.14862	-118.433
91436	14372	5788	14751608	140172	5.696	0.054	34.15173	-118.491
91501	20849	8686	10275378	28609	3.967	0.011	34.20099	-118.293
91502	11371	5419	3456372	28720	1.335	0.011	34.17727	-118.31
91504	24939	9702	12783282	29685	4.936	0.011	34.20457	-118.326
91505	30778	13850	13054296	8433	5.04	0.003	34.17389	-118.347
91506	18904	7927	6337375	2257	2.447	0.001	34.16971	-118.324
91601	37180	17392	6864519	498	2.65	0	34.1692	-118.372
91602	17473	9946	5302419	68388	2.047	0.026	34.15082	-118.368
91604	29034	15373	13343410	190635	5.152	0.074	34.13908	-118.393
91605	56343	16199	14151285	38400	5.464	0.015	34.2073	-118.4
91606	44958	15676	8631179	25464	3.333	0.01	34.18577	-118.388

91607	27927	13841	6318261	58184	2.439	0.022	34.16578	-118.4
91608	0	0	1551696	37204	0.599	0.014	34.13876	-118.351
91701	38976	13351	18829141	0	7.27	0	34.13756	-117.6
91702	59705	16224	4.39E+08	3940055	169.36	1.521	34.28033	-117.866
91706	76571	18067	34800666	2220267	13.437	0.857	34.09741	-117.968
91708	3369	381	24788125	33348	9.571	0.013	33.95376	-117.639
91709	74796	23615	88521406	175460	34.178	0.068	33.96375	-117.738
91710	80358	23009	55706484	0	21.508	0	34.00447	-117.685
91711	35705	12431	38876149	360061	15.01	0.139	34.12744	-117.715
91722	34409	10450	10698907	3901	4.131	0.002	34.09735	-117.907
91723	18275	6672	6008935	32193	2.32	0.012	34.08475	-117.887
91724	26184	8771	16146217	7364	6.234	0.003	34.08044	-117.855
91730	66925	24024	37487504	29720	14.474	0.011	34.10097	-117.579
91731	29591	8381	9878514	169548	3.814	0.065	34.07857	-118.043
91732	61386	15347	11953508	237965	4.615	0.092	34.07342	-118.015
91733	43896	10297	17303562	799282	6.681	0.309	34.04624	-118.054
91737	24740	8399	21696646	0	8.377	0	34.15258	-117.578
91739	34794	10890	76117741	21277	29.389	0.008	34.1717	-117.523
91740	25356	8724	12892633	43353	4.978	0.017	34.11936	-117.855
91741	25824	9433	38377632	383582	14.818	0.148	34.15653	-117.842
91744	85040	19211	22764793	3452	8.79	0.001	34.03142	-117.936
91745	54013	16645	33172472	60949	12.808	0.024	33.99901	-117.972
91746	30485	6937	14425626	487239	5.57	0.188	34.04442	-117.985
91748	45406	13889	37472106	205820	14.468	0.079	33.97488	-117.901
91750	33249	12396	65354791	511628	25.234	0.198	34.17707	-117.78
91752	30047	9025	39075775	541868	15.087	0.209	33.99431	-117.535
91754	32742	11718	11739576	28122	4.533	0.011	34.05292	-118.143
91755	27496	9122	8049940	130231	3.108	0.05	34.05097	-118.114
91759	476	366	2.13E+08	2065	82.29	0.001	34.26364	-117.699
91761	56913	16038	75551607	32528	29.171	0.013	34.0356	-117.592
91762	55857	16769	35286725	0	13.624	0	34.05941	-117.674
91763	36375	9833	13393075	0	5.171	0	34.07233	-117.698
91764	54086	15411	20735380	137080	8.006	0.053	34.07409	-117.606
91765	46457	15547	49001327	13084	18.92	0.005	33.98678	-117.821
91766	71599	18629	26329907	13063	10.166	0.005	34.04229	-117.756
91767	48068	14520	14557522	16098	5.621	0.006	34.08309	-117.738
91768	34537	8381	22402279	13012	8.65	0.005	34.06352	-117.79
91770	62097	17258	16634980	138149	6.423	0.053	34.06549	-118.085
91773	33119	12414	37043410	1007454	14.303	0.389	34.11019	-117.81
91775	23988	8567	7934784	37002	3.064	0.014	34.11477	-118.089
91776	38475	12493	8818748	1122	3.405	0	34.09078	-118.095
91780	34332	11828	9917339	13560	3.829	0.005	34.10167	-118.056
91784	25938	9200	23605118	502750	9.114	0.194	34.14115	-117.656
91786	51165	19394	23187609	0	8.953	0	34.10528	-117.662
91789	43079	13246	40488919	123717	15.633	0.048	34.01835	-117.855
91790	44907	13151	14950670	69779	5.772	0.027	34.06696	-117.937
91791	32414	10612	17184581	54439	6.635	0.021	34.06163	-117.893

91792	30854	9504	9950710	1430	3.842	0.001	34.02258	-117.902
91801	52735	20521	11286727	0	4.358	0	34.09073	-118.128
91803	30322	10385	8458066	2947	3.266	0.001	34.07474	-118.146
91901	17403	6720	2.31E+08	2022776	89.261	0.781	32.81062	-116.711
91902	17653	6183	22549756	768396	8.707	0.297	32.66576	-117.019
91905	1700	893	1.7E+08	58001	65.814	0.022	32.68215	-116.314
91906	3627	1518	2.73E+08	1851941	105.531	0.715	32.65486	-116.465
91910	75802	27557	31684276	86887	12.233	0.034	32.6379	-117.058
91911	82999	25616	30333860	481365	11.712	0.186	32.60701	-117.054
91913	40971	12865	26413863	91295	10.198	0.035	32.61946	-116.986
91914	15448	4572	16300235	227897	6.294	0.088	32.67365	-116.945
91915	24659	7487	19700021	1675758	7.606	0.647	32.62319	-116.949
91916	1622	793	1.03E+08	0	39.782	0	32.88799	-116.621
91917	992	320	93800045	0	36.216	0	32.60887	-116.72
91931	592	288	37465786	0	14.466	0	32.84636	-116.558
91932	25718	9883	6509768	1464550	2.513	0.565	32.57376	-117.121
91934	737	436	1.21E+08	18532	46.729	0.007	32.649	-116.153
91935	8624	3101	2.5E+08	1440020	96.599	0.556	32.72216	-116.793
91941	31779	12856	20879219	28065	8.062	0.011	32.75933	-116.997
91942	38069	18285	15114012	78180	5.836	0.03	32.778	-117.022
91945	25460	8915	10169406	0	3.926	0	32.73318	-117.034
91948	78	215	51396049	143662	19.844	0.055	32.86665	-116.448
91950	60322	17167	19680919	1066814	7.599	0.412	32.67065	-117.095
91962	1646	804	1.34E+08	0	51.631	0	32.73512	-116.415
91963	1118	413	87130680	0	33.641	0	32.62623	-116.61
91977	58368	19167	25033285	11556	9.665	0.004	32.72624	-116.994
91978	8896	3159	16572908	958180	6.399	0.37	32.72415	-116.94
91980	165	49	9275957	0	3.581	0	32.58887	-116.619
92003	4746	1995	44881644	801571	17.329	0.309	33.28493	-117.199
92004	3881	3288	1.8E+09	1535421	693.563	0.593	33.14208	-116.106
92007	10429	4765	6330084	1173358	2.444	0.453	33.02325	-117.275
92008	27649	12799	26696113	3877636	10.307	1.497	33.14422	-117.319
92009	40747	16059	32960924	687936	12.726	0.266	33.09532	-117.244
92010	14382	5711	20925397	356724	8.079	0.138	33.1585	-117.277
92011	22405	10036	17611529	572747	6.8	0.221	33.10758	-117.292
92014	13154	6755	15615216	1228040	6.029	0.474	32.96562	-117.248
92019	42598	15838	69540477	2318350	26.85	0.895	32.77601	-116.881
92020	57767	20894	28841078	0	11.136	0	32.79551	-116.97
92021	65068	23881	77254882	563268	29.828	0.217	32.84122	-116.873
92024	49121	20991	43710390	1949436	16.877	0.753	33.05602	-117.26
92025	49978	15781	57076472	1172365	22.037	0.453	33.10201	-117.08
92026	48922	18178	96377487	0	37.212	0	33.21245	-117.116
92027	53881	17051	1.63E+08	1255068	63.063	0.485	33.13116	-116.977
92028	46239	17325	2.44E+08	1117666	94.365	0.432	33.39048	-117.209
92029	19021	7364	61242380	1184843	23.646	0.457	33.08428	-117.129
92036	3440	2227	4.63E+08	110030	178.714	0.042	33.02247	-116.494
92037	46781	20162	33871798	5226853	13.078	2.018	32.85635	-117.25

92040	41281	15610	1.66E+08	6573210	64.179	2.538	32.9089	-116.892
92054	40375	17924	30931473	2139881	11.943	0.826	33.19553	-117.355
92055	15655	388	2.55E+08	0	98.471	0	33.38772	-117.445
92056	51835	20128	32145434	96815	12.411	0.037	33.20124	-117.297
92057	54096	18860	39077390	945901	15.088	0.365	33.25461	-117.283
92058	42436	14431	73079229	4606115	28.216	1.778	33.32686	-117.305
92059	1618	569	72142986	0	27.855	0	33.37647	-117.066
92060	218	217	1.8E+08	5360550	69.623	2.07	33.34649	-116.853
92061	2499	1097	1.03E+08	0	39.707	0	33.2985	-116.925
92064	47904	16752	1.06E+08	223435	40.957	0.086	32.98361	-117.019
92065	35414	12708	4.28E+08	1175056	165.169	0.454	33.05301	-116.851
92066	378	211	51378283	0	19.837	0	33.21937	-116.535
92067	9535	3990	58320346	200873	22.518	0.078	33.02091	-117.19
92069	46369	14538	42612345	0	16.453	0	33.17078	-117.159
92070	1245	600	3.45E+08	8568676	133.174	3.308	33.1493	-116.727
92071	53422	20052	45148259	861467	17.432	0.333	32.85236	-116.988
92075	12056	6163	9177835	1218537	3.544	0.47	32.99725	-117.261
92078	42906	17034	43252983	275348	16.7	0.106	33.11598	-117.181
92081	27404	10840	22933235	0	8.855	0	33.16437	-117.24
92082	19037	6711	3.18E+08	195294	122.876	0.075	33.25438	-117.003
92083	36975	10982	14429010	0	5.571	0	33.19784	-117.248
92084	47654	15562	67781555	49687	26.171	0.019	33.21994	-117.203
92086	1573	846	5.71E+08	1160392	220.425	0.448	33.32702	-116.66
92091	1048	620	1696988	791	0.655	0	33.01604	-117.244
92101	37095	25169	12212329	536108	4.715	0.207	32.7241	-117.171
92102	43267	14987	11988531	0	4.629	0	32.71622	-117.117
92103	31066	19080	9758123	0	3.768	0	32.74741	-117.167
92104	44414	22325	9814957	6598	3.79	0.003	32.7415	-117.128
92105	69813	21744	14426494	0	5.57	0	32.73783	-117.093
92106	19330	8322	14611356	1844354	5.641	0.712	32.71082	-117.238
92107	28651	14493	8148687	1191823	3.146	0.46	32.73906	-117.245
92108	18858	11601	11094650	307194	4.284	0.119	32.77405	-117.142
92109	45787	26216	19673788	11106128	7.596	4.288	32.78677	-117.234
92110	25341	11426	12568206	215678	4.853	0.083	32.76524	-117.2
92111	45096	17268	21910604	0	8.46	0	32.80648	-117.169
92113	56066	13196	13647793	28601	5.269	0.011	32.69653	-117.118
92114	65433	17930	21336471	0	8.238	0	32.70776	-117.055
92115	58560	22754	16846299	68328	6.504	0.026	32.765	-117.074
92116	31680	17122	8980826	0	3.468	0	32.76497	-117.123
92117	51332	21466	22756330	0	8.786	0	32.82457	-117.2
92118	23575	9633	20073884	4053824	7.751	1.565	32.69923	-117.21
92119	23057	9853	17741735	648004	6.85	0.25	32.81789	-117.032
92120	26317	11411	17237652	391993	6.655	0.151	32.79471	-117.072
92121	4179	1752	31731008	74178	12.251	0.029	32.89959	-117.201
92122	43728	21058	41256867	20848	15.929	0.008	32.86173	-117.171
92123	26823	10760	21148247	0	8.165	0	32.80678	-117.135
92124	30443	11445	27147056	145785	10.482	0.056	32.82377	-117.092

92126	73343	23820	32816606	0	12.671	0	32.90841	-117.141
92127	39337	13748	57139789	1372583	22.062	0.53	33.01183	-117.133
92128	47490	21265	28920353	21497	11.166	0.008	32.99982	-117.072
92129	51536	17439	36446661	10997	14.072	0.004	32.96698	-117.126
92130	48940	18272	47751334	63468	18.437	0.025	32.94579	-117.214
92131	32787	11832	65044859	555605	25.114	0.215	32.88622	-117.083
92132	0	0	88677	0	0.034	0	32.71361	-117.172
92134	198	13	479583	0	0.185	0	32.72421	-117.147
92135	571	0	1238371	7823	0.478	0.003	32.69754	-117.193
92139	35125	10629	9392108	0	3.626	0	32.67988	-117.049
92140	3435	7	1654884	81282	0.639	0.031	32.7395	-117.197
92145	1449	407	8673008	0	3.349	0	32.93055	-117.008
92147	559	1	249799	0	0.096	0	32.72462	-117.219
92154	79708	21206	95724135	1979860	36.959	0.764	32.55701	-117.006
92155	550	0	576863	0	0.223	0	32.67498	-117.162
92173	29429	7870	13102503	532114	5.059	0.205	32.55363	-117.043
92201	61827	22207	58667257	0	22.652	0	33.71098	-116.205
92203	25605	11667	45348802	0	17.509	0	33.75396	-116.246
92210	4677	4830	33811381	482985	13.055	0.186	33.69219	-116.341
92211	24294	19948	38994202	356881	15.056	0.138	33.7654	-116.334
92220	31638	13061	3.22E+08	0	124.193	0	33.94895	-116.832
92222	45	25	4094711	0	1.581	0	32.78583	-114.546
92223	43605	15916	1.12E+08	0	43.378	0	33.94825	-116.988
92225	24310	8288	1.55E+09	9927397	599.068	3.833	33.73646	-114.688
92227	26234	8709	1.4E+09	36452229	540.859	14.074	32.99012	-115.359
92230	2550	938	39227350	391903	15.146	0.151	33.91041	-116.766
92231	39073	10826	1.48E+08	0	57.088	0	32.68755	-115.541
92233	8099	1270	3.9E+08	1.9E+08	150.655	73.358	33.17288	-115.554
92234	51151	20958	40748005	665520	15.733	0.257	33.81826	-116.467
92236	41083	9968	56675825	0	21.883	0	33.68615	-116.173
92239	223	171	3.71E+08	33472	143.366	0.013	33.76215	-115.466
92240	34722	14481	94744237	871171	36.581	0.336	33.95154	-116.52
92241	8803	6283	3.58E+08	248358	138.122	0.096	33.83564	-116.293
92242	1539	1681	81078293	2981885	31.305	1.151	34.16322	-114.319
92243	48030	16217	2.86E+08	163228	110.278	0.063	32.77028	-115.599
92249	7334	2006	55571652	0	21.456	0	32.72555	-115.473
92250	8285	2828	1.07E+09	11902	414.984	0.005	32.811	-115.153
92251	21583	5572	5.17E+08	59702	199.535	0.023	32.88145	-115.675
92252	9647	5343	2.33E+08	0	89.909	0	34.16833	-116.288
92253	37262	23339	90562562	1144834	34.966	0.442	33.64177	-116.274
92254	12768	3093	1.21E+08	6013858	46.689	2.322	33.54384	-115.994
92256	3588	2030	2.02E+08	0	78.047	0	34.07706	-116.607
92257	2326	1832	1.93E+09	1.98E+08	743.891	76.281	33.29948	-115.294
92258	861	483	27385636	0	10.574	0	33.91584	-116.56
92259	390	526	8.4E+08	0	324.136	0	32.7377	-115.932
92260	31753	22799	73550542	390601	28.398	0.151	33.70808	-116.404
92262	26179	18306	94913381	108873	36.646	0.042	33.86093	-116.566

92264	19383	17140	1.35E+08	585867	52.285	0.226	33.70859	-116.498
92266	234	293	8.44E+08	1765023	325.95	0.681	33.34494	-114.93
92267	126	144	42219456	2963398	16.301	1.144	34.27376	-114.197
92268	574	482	2.09E+08	0	80.84	0	34.22208	-116.564
92270	17220	14244	69080773	1008458	26.672	0.389	33.76861	-116.43
92273	1823	583	18008987	14423	6.953	0.006	32.81723	-115.7
92274	19801	5980	4.63E+08	84806619	178.875	32.744	33.46051	-116.085
92275	1506	986	1.62E+08	2.62E+08	62.377	101.002	33.2921	-115.844
92276	7585	3552	75942945	0	29.322	0	33.82233	-116.364
92277	23911	11910	3.61E+09	53327	1394.976	0.021	34.14136	-115.621
92278	3846	141	2073334	0	0.801	0	34.22997	-116.055
92280	14	17	4.3E+08	0	166.092	0	34.11296	-114.633
92281	2432	746	36940498	0	14.263	0	33.05176	-115.609
92282	1239	607	1.84E+08	5497245	71.104	2.122	33.97963	-116.683
92283	3158	1649	1.93E+09	17992450	743.623	6.947	32.89155	-114.773
92284	25095	11943	2.85E+08	0	110.232	0	34.18589	-116.432
92285	2632	2517	4.43E+08	0	171.02	0	34.34022	-116.54
92301	32725	9470	4.42E+08	0	170.503	0	34.58523	-117.454
92304	17	23	1.07E+08	0	41.167	0	34.54148	-115.645
92305	535	629	2.59E+08	35886	99.976	0.014	34.14167	-116.818
92307	37630	14125	4.4E+08	454287	169.877	0.175	34.57145	-117.133
92308	39837	15613	2.41E+08	1059268	93.196	0.409	34.42526	-117.162
92309	763	317	4.15E+08	0	160.219	0	35.33216	-116.039
92310	8845	2487	7978142	0	3.08	0	35.26174	-116.691
92311	31894	13151	6.43E+08	23114	248.38	0.009	34.98029	-116.964
92313	12025	4645	9031618	0	3.487	0	34.03101	-117.313
92314	10162	9153	79825161	44975	30.821	0.017	34.26109	-116.809
92315	5094	10066	32920520	552712	12.711	0.213	34.23376	-116.904
92316	30830	7527	28471052	14094	10.993	0.005	34.05972	-117.391
92320	7788	3654	27723531	0	10.704	0	33.99037	-117.052
92321	1522	1393	16848477	123656	6.505	0.048	34.25382	-117.151
92322	1257	886	7748282	0	2.992	0	34.25436	-117.326
92324	56505	17685	76425832	1855019	29.508	0.716	34.02437	-117.289
92325	9391	6309	26133660	362645	10.09	0.14	34.24348	-117.281
92327	632	369	73100942	623274	28.224	0.241	34.86359	-116.862
92328	445	331	1.82E+09	13085593	701.083	5.052	36.59788	-116.827
92332	65	93	2.32E+09	0	894.748	0	34.91243	-115.342
92333	472	992	10806936	0	4.173	0	34.27061	-116.949
92335	95397	24246	44875990	71381	17.327	0.028	34.08596	-117.465
92336	88419	23271	64412146	249599	24.87	0.096	34.14772	-117.465
92337	37849	9851	36072725	0	13.928	0	34.04981	-117.471
92338	12	5	6.25E+08	0	241.33	0	34.7827	-116.191
92339	885	716	27378444	0	10.571	0	34.09366	-116.936
92341	410	1096	18302549	41419	7.067	0.016	34.23664	-117.063
92342	6379	3107	2.73E+08	1917391	105.472	0.74	34.75705	-117.35
92344	20769	6421	99727163	0	38.505	0	34.39115	-117.406
92345	78715	25758	2.12E+08	605256	82.021	0.234	34.37463	-117.3

92346	54923	17999	65812826	331345	25.41	0.128	34.12738	-117.183
92347	1692	790	3.8E+08	947857	146.597	0.366	34.95741	-117.22
92352	8004	8544	24991240	3045996	9.649	1.176	34.25997	-117.199
92354	21559	8594	12642182	2372	4.881	0.001	34.05118	-117.249
92356	6455	3494	1.02E+09	0	393.789	0	34.51065	-116.897
92358	707	457	51241437	0	19.784	0	34.25927	-117.521
92359	8103	3058	43165372	1392355	16.666	0.538	34.08302	-117.073
92363	5321	3976	5.13E+08	27995384	198.183	10.809	34.89437	-114.64
92364	90	100	1.33E+09	0	514.166	0	35.34042	-115.426
92365	2637	1393	4.47E+08	2507999	172.625	0.968	34.90002	-116.655
92368	1113	474	72307932	1158123	27.918	0.447	34.64919	-117.32
92371	16763	6098	3.62E+08	0	139.736	0	34.44263	-117.542
92372	6220	2571	72204588	7523	27.878	0.003	34.44789	-117.624
92373	33423	14940	1.05E+08	663696	40.689	0.256	34.01194	-117.16
92374	40267	13867	48497162	7552	18.725	0.003	34.06721	-117.172
92376	81516	22370	35008397	323979	13.517	0.125	34.11161	-117.377
92377	19989	5524	26446720	640827	10.211	0.247	34.15787	-117.406
92378	183	80	2146364	0	0.829	0	34.22608	-117.226
92382	5268	4037	39045765	23184	15.076	0.009	34.20529	-117.117
92384	36	37	3.63E+08	618	140.024	0	36.00771	-116.178
92385	313	328	21791945	0	8.414	0	34.21474	-117.192
92386	2270	3224	4965969	0	1.917	0	34.23723	-116.828
92389	156	162	3.57E+08	177237	137.719	0.068	35.90135	-116.186
92391	2534	1674	6046158	0	2.334	0	34.2379	-117.235
92392	54858	17356	96672039	0	37.325	0	34.48025	-117.408
92394	33237	9051	70663589	577290	27.283	0.223	34.55611	-117.354
92395	42400	15854	44293390	1872305	17.102	0.723	34.50158	-117.292
92397	4894	2857	26705522	8669	10.311	0.003	34.37401	-117.628
92398	1379	679	72569713	433833	28.019	0.168	34.9108	-116.849
92399	52606	20048	1.37E+08	27471	53.03	0.011	34.03228	-117.011
92401	1932	748	2239188	0	0.865	0	34.10479	-117.292
92404	58271	19384	73988231	37681	28.567	0.015	34.18351	-117.222
92405	28873	9604	12233017	0	4.723	0	34.14463	-117.301
92407	56689	16829	1.63E+08	1852288	62.892	0.715	34.21222	-117.381
92408	15271	4324	27507391	430049	10.621	0.166	34.08346	-117.27
92410	49410	14224	21289559	64510	8.22	0.025	34.10692	-117.298
92411	26214	7127	10597441	316487	4.092	0.122	34.1225	-117.32
92501	20970	7287	14766127	702133	5.701	0.271	33.99504	-117.373
92503	84519	24754	77362953	10935461	29.87	4.222	33.88258	-117.442
92504	53778	17788	60620256	147987	23.406	0.057	33.90313	-117.398
92505	47672	14573	31661219	409596	12.224	0.158	33.93619	-117.494
92506	44001	16248	41957182	0	16.2	0	33.93434	-117.367
92507	58002	19834	52337394	23889	20.208	0.009	33.97085	-117.325
92508	35000	10351	27793443	0	10.731	0	33.89113	-117.327
92509	75196	20512	80529327	1307250	31.093	0.505	34.00303	-117.442
92518	1162	717	30849224	444	11.911	0	33.8891	-117.278
92530	50216	16205	1.4E+08	14352438	53.877	5.542	33.6508	-117.372

92532	18644	6049	46832969	0	18.082	0	33.69268	-117.303
92536	3810	2296	3.23E+08	1276658	124.761	0.493	33.49239	-116.838
92539	4734	2442	3.4E+08	227440	131.332	0.088	33.52787	-116.648
92543	33555	14994	45758379	0	17.667	0	33.6673	-116.964
92544	44734	17221	3.51E+08	592810	135.698	0.229	33.64663	-116.883
92545	39457	17984	83213374	0	32.129	0	33.72985	-117.034
92548	6643	2518	25456124	0	9.829	0	33.75866	-117.109
92549	3926	4157	71185899	26091	27.485	0.01	33.76857	-116.754
92551	30815	8114	15210033	264654	5.873	0.102	33.88274	-117.225
92553	73722	20376	26238877	0	10.131	0	33.92339	-117.245
92555	39076	11763	2.09E+08	8083681	80.684	3.121	33.89065	-117.113
92557	50320	15510	48702642	140657	18.804	0.054	33.97216	-117.258
92561	1661	1275	4.1E+08	1396907	158.177	0.539	33.6372	-116.627
92562	62079	22069	2.83E+08	68789	109.39	0.027	33.5483	-117.345
92563	53892	17192	52676576	24987	20.339	0.01	33.58105	-117.147
92567	9459	2920	76382832	398252	29.492	0.154	33.81074	-117.105
92570	53697	14903	2.52E+08	98670	97.307	0.038	33.78729	-117.321
92571	52516	13526	58425208	724304	22.558	0.28	33.82931	-117.205
92582	15649	4661	47921059	772699	18.502	0.298	33.80671	-117.02
92583	30236	11044	73685013	1542785	28.45	0.596	33.79736	-116.934
92584	43400	14553	77170383	365369	29.796	0.141	33.65859	-117.174
92585	17797	5944	52585311	0	20.303	0	33.74671	-117.172
92586	19815	10638	18290589	0	7.062	0	33.70898	-117.199
92587	16675	6499	20467790	1928500	7.903	0.745	33.69281	-117.25
92590	3660	1464	1.38E+08	75677	53.449	0.029	33.48054	-117.227
92591	38272	13631	42661081	0	16.472	0	33.53528	-117.105
92592	72492	24146	2.52E+08	3280723	97.229	1.267	33.51122	-117.042
92595	29851	10020	54537406	0	21.057	0	33.61785	-117.259
92596	23172	7131	1.58E+08	77886	61.18	0.03	33.66553	-117.05
92602	22871	8764	27046598	142637	10.443	0.055	33.75725	-117.75
92603	20184	7937	34324480	52645	13.253	0.02	33.62387	-117.781
92604	26853	10094	8737517	141530	3.374	0.055	33.68858	-117.788
92606	21495	8021	12556550	24674	4.848	0.01	33.7017	-117.816
92610	11248	3882	25392689	0	9.804	0	33.69612	-117.676
92612	27522	13044	15748381	341372	6.08	0.132	33.65844	-117.826
92614	24748	9973	11448309	119813	4.42	0.046	33.6803	-117.833
92617	14044	3713	6226856	0	2.404	0	33.64251	-117.842
92618	16366	8077	54826663	101067	21.169	0.039	33.66715	-117.732
92620	38486	14293	18235128	95195	7.041	0.037	33.71263	-117.751
92624	7248	3243	3557287	3140852	1.373	1.213	33.45147	-117.659
92625	12478	6722	6612182	867550	2.553	0.335	33.60197	-117.864
92626	49341	19641	24922545	244935	9.623	0.095	33.6784	-117.912
92627	61510	22839	16443731	113493	6.349	0.044	33.64776	-117.92
92629	25756	12521	13192708	2877680	5.094	1.111	33.47512	-117.706
92630	59182	20785	24667892	223202	9.524	0.086	33.64574	-117.686
92637	16012	12851	9075455	31071	3.504	0.012	33.61293	-117.731
92646	55224	21947	20839398	2062796	8.046	0.796	33.66205	-117.968

92647	57245	20625	20070489	46609	7.749	0.018	33.72323	-118.009
92648	45317	20863	20791068	5188261	8.027	2.003	33.67901	-118.015
92649	32463	14697	19811591	2945368	7.649	1.137	33.72524	-118.052
92651	23881	13462	50409025	7205540	19.463	2.782	33.57093	-117.773
92653	29291	10362	17343655	63581	6.696	0.025	33.5913	-117.698
92655	8337	2477	1633379	0	0.631	0	33.7451	-117.985
92656	49046	19711	21310173	0	8.228	0	33.57621	-117.73
92657	9741	4159	19093774	1768940	7.372	0.683	33.59509	-117.829
92660	34797	16354	25272033	2813393	9.758	1.086	33.63463	-117.875
92661	3744	2609	1686746	3259958	0.651	1.259	33.60198	-117.913
92662	2756	2111	539407	519219	0.208	0.2	33.60509	-117.892
92663	21649	12233	8551219	3344976	3.302	1.292	33.62321	-117.934
92672	34464	15708	20615023	2341910	7.96	0.904	33.42362	-117.607
92673	29309	10246	30253137	21836	11.681	0.008	33.46737	-117.614
92675	34731	12005	89237050	977372	34.455	0.377	33.50177	-117.609
92676	1945	861	1.72E+08	1885725	66.343	0.728	33.75251	-117.613
92677	63297	25554	43246467	133550	16.698	0.052	33.52905	-117.701
92678	494	244	39043264	5559	15.075	0.002	33.68023	-117.526
92679	32611	10751	58572933	63959	22.615	0.025	33.6067	-117.604
92683	89747	27713	25897934	0	9.999	0	33.75245	-117.994
92688	43792	16120	28225740	103580	10.898	0.04	33.61967	-117.612
92691	47582	16702	22802974	118810	8.804	0.046	33.61195	-117.666
92692	47222	18109	25517069	854744	9.852	0.33	33.6065	-117.643
92694	21944	6933	24593751	0	9.496	0	33.54724	-117.624
92701	53908	13175	8469146	0	3.27	0	33.74822	-117.858
92703	65445	13177	10569906	129315	4.081	0.05	33.74762	-117.907
92704	88123	20468	19149819	368087	7.394	0.142	33.72113	-117.905
92705	44706	15095	29931335	0	11.557	0	33.76564	-117.79
92706	36457	9687	8826364	309767	3.408	0.12	33.7653	-117.882
92707	59492	13564	13022655	17402	5.028	0.007	33.70994	-117.87
92708	56004	19391	23468328	231697	9.061	0.089	33.71058	-117.951
92780	57741	19516	18109171	0	6.992	0	33.73401	-117.819
92782	23032	8881	8710317	0	3.363	0	33.73969	-117.785
92801	62068	18604	16284681	43592	6.288	0.017	33.84498	-117.952
92802	42709	12321	11771914	0	4.545	0	33.80827	-117.924
92804	85914	25717	18142648	0	7.005	0	33.81825	-117.975
92805	70401	18804	16327878	45417	6.304	0.018	33.83021	-117.906
92806	37173	12844	20014403	876258	7.728	0.338	33.83796	-117.87
92807	36171	12893	27750531	1627252	10.715	0.628	33.84873	-117.788
92808	20039	7538	13163092	0	5.082	0	33.8565	-117.74
92821	35533	13551	27296225	46764	10.539	0.018	33.92756	-117.887
92823	3613	1182	28155266	25233	10.871	0.01	33.9282	-117.809
92831	34204	13409	15476120	0	5.975	0	33.87977	-117.896
92832	24752	8460	7288246	0	2.814	0	33.86865	-117.929
92833	51767	16562	18919733	0	7.305	0	33.87931	-117.962
92835	24010	9140	15606410	28063	6.026	0.011	33.90189	-117.917
92840	54083	15338	13473180	45890	5.202	0.018	33.78717	-117.932

92841	32845	9451	11606226	0	4.481	0	33.78685	-117.982
92843	45214	11265	10117601	0	3.906	0	33.76393	-117.931
92844	24307	6749	5506328	0	2.126	0	33.76548	-117.97
92845	16333	5751	5668299	0	2.189	0	33.78306	-118.026
92860	27198	7360	36207819	794847	13.98	0.307	33.92552	-117.552
92861	5781	2006	5506878	0	2.126	0	33.81766	-117.81
92865	19704	6659	9479343	380369	3.66	0.147	33.82703	-117.851
92866	14885	6048	5003355	0	1.932	0	33.78462	-117.845
92867	44515	13628	20560190	129211	7.938	0.05	33.80098	-117.844
92868	25404	8125	8374032	262642	3.233	0.101	33.78815	-117.877
92869	37184	11995	24068243	493491	9.293	0.191	33.80849	-117.791
92870	52033	17493	17590269	37381	6.792	0.014	33.88116	-117.855
92879	46745	14380	26018525	25335	10.046	0.01	33.88288	-117.527
92880	58763	16355	63940920	1745964	24.688	0.674	33.91804	-117.618
92881	30991	9311	71691421	588096	27.68	0.227	33.82741	-117.524
92882	67917	20452	66692923	34712	25.75	0.013	33.84045	-117.602
92883	29301	9738	1.44E+08	157320	55.692	0.061	33.75275	-117.474
92886	46564	16255	38143710	71018	14.727	0.027	33.89634	-117.796
92887	20006	6926	23281753	1453058	8.989	0.561	33.88551	-117.73
93001	32990	14290	5.32E+08	1.62E+08	205.389	62.607	34.03734	-119.801
93003	50474	20116	53297200	256855	20.578	0.099	34.28367	-119.223
93004	29149	10866	17783920	1012658	6.866	0.391	34.27868	-119.166
93010	42901	16499	57342588	39631	22.14	0.015	34.22786	-119.08
93012	34617	13559	1.36E+08	472866	52.362	0.183	34.19882	-118.988
93013	16091	6856	1.47E+08	856578	56.944	0.331	34.4414	-119.513
93015	17334	5147	1.98E+08	1184911	76.563	0.457	34.4041	-118.898
93021	36422	11393	1.22E+08	1046520	47.232	0.404	34.29703	-118.899
93022	6106	2369	11965557	20450	4.62	0.008	34.40778	-119.307
93023	20589	9096	6.98E+08	2711953	269.546	1.047	34.5302	-119.31
93030	59372	15395	35912814	0	13.866	0	34.20525	-119.174
93033	82728	17696	75962345	341114	29.329	0.132	34.15021	-119.128
93035	27732	11848	10643950	2063651	4.11	0.797	34.18197	-119.225
93036	41691	12185	41146263	2193143	15.887	0.847	34.237	-119.184
93040	2031	575	1.83E+08	5050754	70.591	1.95	34.47388	-118.797
93041	23641	8824	29109041	4427450	11.239	1.709	34.1069	-119.1
93042	56	1	58634149	8791833	22.639	3.395	33.25566	-119.504
93043	333	17	1247670	0	0.482	0	34.17085	-119.202
93060	32811	9848	3.08E+08	2868922	119.01	1.108	34.40234	-119.095
93063	54366	19234	85340849	373941	32.95	0.144	34.30873	-118.687
93064	40	18	14687257	0	5.671	0	34.24756	-118.701
93065	72508	24282	81956189	2514202	31.643	0.971	34.25827	-118.775
93066	3102	1086	1.08E+08	996	41.575	0	34.29763	-119.015
93067	895	507	1526376	0	0.589	0	34.42196	-119.593
93101	31683	13317	8883521	0	3.43	0	34.41898	-119.709
93103	20249	7669	13567127	350659	5.238	0.135	34.43879	-119.679
93105	24815	11610	2.52E+08	6709815	97.123	2.591	34.53488	-119.798
93108	11112	5398	54910962	282398	21.201	0.109	34.44802	-119.617

93109	10858	4888	8760774	1009635	3.383	0.39	34.40626	-119.727
93110	16829	6679	27313594	317380	10.546	0.123	34.44966	-119.762
93111	17370	6570	21004190	329936	8.11	0.127	34.4489	-119.804
93117	53217	16470	4.4E+08	4992702	170.076	1.928	34.47908	-120.084
93201	1348	363	2E+08	28350	77.413	0.011	35.86257	-119.511
93202	4143	1184	2008663	0	0.776	0	36.31334	-119.708
93203	20938	5013	5.56E+08	256274	214.748	0.099	35.11262	-118.832
93204	15529	2421	1.54E+08	0	59.622	0	35.88981	-120.069
93205	2113	1280	1.49E+08	54817	57.594	0.021	35.5183	-118.43
93206	2300	656	3.87E+08	564556	149.536	0.218	35.4373	-119.478
93207	263	423	1.5E+08	0	58.064	0	35.88983	-118.631
93208	104	527	1.53E+08	0	58.956	0	36.05659	-118.568
93210	19504	4836	2E+09	768857	771.767	0.297	36.21631	-120.424
93212	26079	4355	2.75E+08	0	106.081	0	36.04215	-119.528
93215	55659	11410	3.67E+08	1779052	141.888	0.687	35.77951	-119.201
93218	994	281	1.67E+08	0	64.45	0	35.86088	-119.036
93219	10194	2534	2.52E+08	266703	97.309	0.103	35.87367	-119.282
93220	211	69	68285734	1428	26.365	0.001	35.40361	-118.757
93221	14945	5282	3.41E+08	0	131.651	0	36.29501	-119.026
93222	2099	2033	74455074	16918	28.747	0.007	34.84227	-119.204
93223	10604	2733	6399814	0	2.471	0	36.30454	-119.205
93224	451	198	57916235	0	22.362	0	35.2282	-119.569
93225	5077	2658	4.59E+08	120054	177.21	0.046	34.76854	-119.03
93226	282	182	2.42E+08	228176	93.607	0.088	35.73569	-118.738
93230	65264	22331	6.78E+08	2468994	261.805	0.953	36.29223	-119.623
93234	6987	1693	2.08E+08	0	80.156	0	36.19127	-120.09
93235	4559	1237	7462347	0	2.881	0	36.38983	-119.22
93238	1490	1177	3.28E+08	11052512	126.578	4.267	35.7291	-118.392
93239	1688	443	1.66E+08	584831	63.928	0.226	36.04719	-119.99
93240	6056	3574	1.94E+08	15958516	74.798	6.162	35.61752	-118.452
93241	17489	4202	10682633	11548	4.125	0.004	35.2547	-118.913
93242	3468	1058	1.06E+08	0	41.073	0	36.44207	-119.728
93243	1699	713	3.89E+08	7423098	150.339	2.866	34.7727	-118.792
93244	534	250	1.76E+08	176387	68.03	0.068	36.46267	-118.997
93245	37412	12232	3.05E+08	200587	117.857	0.077	36.29227	-119.829
93247	17423	4870	1.96E+08	23777	75.69	0.009	36.20627	-119.071
93249	2739	560	5.78E+08	1373341	223.126	0.53	35.61927	-119.889
93250	13522	2924	2.19E+08	42672	84.574	0.016	35.66508	-119.198
93251	270	99	3.47E+08	0	133.814	0	35.33564	-119.758
93252	4176	876	1.76E+09	16326839	679.52	6.304	34.70995	-119.243
93254	811	402	3.54E+08	2475976	136.57	0.956	34.96683	-119.81
93255	614	409	5.61E+08	118925	216.499	0.046	35.67698	-118.101
93256	5753	1573	2.07E+08	56590	79.885	0.022	35.96064	-119.313
93257	75004	22985	1.15E+09	10828102	445	4.181	35.98809	-118.86
93258	2046	484	1120563	0	0.433	0	36.05438	-119.15
93260	200	490	85266177	0	32.921	0	35.81725	-118.669
93261	3099	666	21990002	0	8.49	0	35.80854	-119.128

93262	63	33	2.32E+08	841583	89.594	0.325	36.6155	-118.697
93263	19582	5305	2.35E+08	0	90.605	0	35.49281	-119.287
93265	3699	2068	9.69E+08	443206	374.095	0.171	36.24593	-118.693
93266	1587	436	1.44E+08	0	55.728	0	36.14539	-119.867
93267	6237	1756	1.95E+08	33920	75.173	0.013	36.15118	-119.049
93268	16897	6040	1.09E+08	0	41.946	0	35.16239	-119.425
93270	5837	1677	1.6E+08	0	61.801	0	35.95243	-119.073
93271	2276	1464	9.83E+08	8666683	379.71	3.346	36.46954	-118.801
93272	3583	979	2.17E+08	13713	83.758	0.005	36.04741	-119.344
93274	69721	22004	5.54E+08	1488928	214.067	0.575	36.17809	-119.371
93276	161	73	1774193	0	0.685	0	35.29918	-119.358
93277	50607	19634	1.04E+08	292710	39.976	0.113	36.30379	-119.376
93280	27152	6012	8.34E+08	98499	322.059	0.038	35.65224	-119.446
93283	2040	1303	5.29E+08	1498808	204.287	0.579	35.59203	-118.298
93285	2536	2561	1.22E+08	7088814	47.165	2.737	35.71524	-118.507
93286	9548	2896	2.21E+08	1554234	85.341	0.6	36.46464	-119.094
93287	119	54	1.45E+08	0	55.867	0	35.75789	-118.988
93291	52849	16362	2.19E+08	368838	84.641	0.142	36.39178	-119.373
93292	39032	13622	2.81E+08	118577	108.646	0.046	36.37559	-119.212
93301	12248	5707	10828653	344726	4.181	0.133	35.38434	-119.021
93304	48731	16480	19670450	0	7.595	0	35.3397	-119.023
93305	37601	11964	15369431	0	5.934	0	35.38975	-118.985
93306	64587	22210	2.28E+08	1367139	88.071	0.528	35.46818	-118.78
93307	82658	23411	3.6E+08	749094	138.898	0.289	35.24512	-118.941
93308	52447	20931	8.18E+08	1790831	316.009	0.691	35.62109	-118.79
93309	58409	23542	27570004	803546	10.645	0.31	35.34289	-119.065
93311	40829	14414	4.39E+08	1663418	169.486	0.642	35.1924	-119.176
93312	56741	19494	39408937	0	15.216	0	35.39348	-119.12
93313	43553	12990	2.58E+08	0	99.674	0	35.16319	-119.046
93314	22393	7515	2.56E+08	1050731	98.934	0.406	35.39387	-119.245
93401	28033	13378	1.81E+08	47823	69.944	0.018	35.23575	-120.616
93402	14318	6506	75349656	10225552	29.093	3.948	35.29523	-120.835
93405	35440	9346	2.27E+08	470947	87.747	0.182	35.29696	-120.733
93410	0	0	216393	0	0.084	0	35.3012	-120.661
93420	28413	12444	4.85E+08	2957534	187.362	1.142	35.17601	-120.477
93422	31375	12744	1.55E+08	2064860	59.811	0.797	35.46384	-120.693
93424	1261	919	6819126	1595539	2.633	0.616	35.18592	-120.732
93426	1401	1260	5.5E+08	33902686	212.245	13.09	35.84862	-120.939
93427	5505	2141	1.45E+08	47528	55.979	0.018	34.61044	-120.22
93428	6314	4196	1.99E+08	5071263	76.986	1.958	35.58497	-121.041
93429	154	69	19273597	60573	7.442	0.023	34.86603	-120.537
93430	2972	2537	1.87E+08	12013176	72.244	4.638	35.48497	-120.944
93432	1384	645	2.33E+08	700656	90.066	0.271	35.48124	-120.478
93433	13162	5749	5603498	126994	2.164	0.049	35.12089	-120.62
93434	7110	1900	85505781	1454762	33.014	0.562	34.91921	-120.605
93436	54017	18989	5.67E+08	2069344	218.923	0.799	34.60106	-120.383
93437	3338	1035	1E+08	274324	38.799	0.106	34.73796	-120.544

93440	2058	743	1.04E+08	42786	40.2	0.017	34.71222	-120.23
93441	1530	574	1.42E+08	143135	54.882	0.055	34.78816	-119.989
93442	10789	6596	1.16E+08	3881228	44.852	1.499	35.40194	-120.799
93444	19244	7201	1.78E+08	2673616	68.865	1.032	35.0372	-120.505
93445	7173	3036	43522002	3468569	16.804	1.339	35.04441	-120.62
93446	43714	18374	1.08E+09	18245089	417.06	7.044	35.66358	-120.73
93449	7657	5587	25882303	1839767	9.993	0.71	35.16567	-120.656
93450	740	245	4.4E+08	8938281	169.753	3.451	36.08544	-120.819
93451	3779	1462	1.32E+09	3992370	510.178	1.541	35.88677	-120.609
93452	524	345	2.96E+08	17829298	114.141	6.884	35.74648	-121.223
93453	2899	1392	1.61E+09	4002708	622.784	1.545	35.30393	-120.257
93454	36448	12393	1.11E+09	9836410	427.001	3.798	34.94352	-120.257
93455	41684	15675	2.8E+08	936138	108.102	0.361	34.83179	-120.434
93458	55431	13026	70894975	1391025	27.373	0.537	34.95934	-120.49
93460	5255	2394	3.2E+08	2729254	123.398	1.054	34.65326	-120.007
93461	1623	569	9.18E+08	2587711	354.251	0.999	35.65291	-120.266
93463	7646	3589	78199941	416145	30.193	0.161	34.6244	-120.138
93465	9153	3532	2.27E+08	896792	87.683	0.346	35.53881	-120.74
93501	5467	2418	4.24E+08	268020	163.825	0.103	35.06711	-118.185
93505	14038	5165	2.03E+08	223199	78.206	0.086	35.16374	-117.887
93510	7993	2954	1.86E+08	85903	71.905	0.033	34.46109	-118.221
93512	277	154	3.27E+08	730154	126.42	0.282	37.89257	-118.555
93513	1763	874	1.67E+09	7404601	643.48	2.859	37.13199	-118.156
93514	13857	6663	2.89E+09	12107168	1115.755	4.675	37.49177	-118.389
93516	2299	1233	49946982	9589	19.285	0.004	35.00228	-117.63
93517	670	686	1.54E+09	16407187	593.184	6.335	38.27885	-119.381
93518	1146	844	7.72E+08	215880	298.135	0.083	35.38305	-118.468
93519	101	86	2.04E+08	1434758	78.741	0.554	35.29435	-117.926
93522	48	49	1.2E+08	94748	46.204	0.037	36.31619	-117.591
93523	3074	1436	2.52E+08	1496399	97.412	0.578	34.96083	-117.835
93524	229	0	5312089	0	2.051	0	34.93199	-117.907
93526	719	473	3.55E+08	887252	136.92	0.343	36.82385	-118.281
93527	2387	1349	1.41E+09	475023	545.31	0.183	36.11993	-118.177
93528	172	139	9839019	0	3.799	0	35.3716	-117.643
93529	633	825	79303871	6825743	30.619	2.635	37.81551	-119.096
93530	47	46	2362111	0	0.912	0	36.47583	-117.86
93531	509	261	88879339	20149	34.317	0.008	35.22191	-118.583
93532	2932	1291	2.94E+08	1045555	113.674	0.404	34.68985	-118.534
93534	39341	16066	45994950	1047049	17.759	0.404	34.71329	-118.153
93535	72046	22946	6.68E+08	245336	257.897	0.095	34.71366	-117.865
93536	70918	22620	6.29E+08	2278753	242.692	0.88	34.74739	-118.369
93541	449	378	6.94E+08	1.62E+08	267.764	62.627	37.98807	-119.114
93543	13033	3986	1.54E+08	460606	59.36	0.178	34.48111	-117.982
93544	1259	762	2.84E+08	548518	109.553	0.212	34.49554	-117.757
93545	2082	1055	2.77E+08	777291	106.817	0.3	36.55639	-118.054
93546	9567	10470	4.46E+08	5780935	172.272	2.232	37.54877	-118.84
93549	344	217	8.69E+08	9773714	335.476	3.774	36.21164	-117.948

93550	74929	22961	5.08E+08	2287698	196.167	0.883	34.40838	-118.124
93551	50798	17144	1.89E+08	490845	73.141	0.19	34.60411	-118.239
93552	38158	10422	1.26E+08	638939	48.504	0.247	34.57087	-118.024
93553	2138	933	2.24E+08	266113	86.491	0.103	34.40731	-117.912
93554	72	103	1.92E+08	135465	74.076	0.052	35.41394	-117.764
93555	32560	14147	2.11E+08	1200878	81.566	0.464	35.60651	-117.683
93558	125	107	9503246	0	3.669	0	35.34793	-117.621
93560	18910	7367	4.13E+08	665524	159.552	0.257	34.86689	-118.34
93561	34630	12824	6.84E+08	743123	264.149	0.287	35.11877	-118.494
93562	1818	1008	1.02E+08	647372	39.55	0.25	35.74837	-117.385
93563	388	146	1.04E+08	91116	40.19	0.035	34.40252	-117.766
93591	7285	2235	2.14E+08	281624	82.455	0.109	34.5944	-117.814
93592	64	44	3.89E+08	20906730	150.143	8.072	35.85282	-117.225
93601	1909	884	1.16E+08	44016	44.639	0.017	37.39347	-119.741
93602	3862	1878	3.72E+08	1505381	143.581	0.581	37.02884	-119.317
93603	222	218	1.13E+08	86809	43.516	0.034	36.62251	-118.957
93604	674	1279	3.64E+08	2463907	140.694	0.951	37.34959	-119.426
93605	175	117	1078646	0	0.416	0	37.20316	-119.249
93606	1217	266	388723	0	0.15	0	36.80321	-120.019
93608	1114	302	2.82E+08	874109	108.976	0.337	36.49386	-120.362
93609	5640	1584	1.59E+08	0	61.489	0	36.5266	-119.864
93610	23833	5809	7.05E+08	2372348	272.213	0.916	37.0983	-120.281
93611	45614	15825	28993835	0	11.195	0	36.8253	-119.68
93612	35351	14584	17132668	0	6.615	0	36.81486	-119.711
93614	11661	5329	2.97E+08	699570	114.853	0.27	37.21004	-119.75
93615	6042	1471	43328922	0	16.729	0	36.50332	-119.286
93616	2627	709	35932441	0	13.874	0	36.65535	-119.594
93618	28262	7808	1.73E+08	0	66.655	0	36.52101	-119.389
93619	28965	10079	4.62E+08	3442039	178.418	1.329	36.91757	-119.593
93620	9591	3296	4.52E+08	826779	174.667	0.319	37.01895	-120.627
93621	464	213	1.71E+08	10205598	65.984	3.94	36.78924	-119.14
93622	9581	2782	9.18E+08	5462906	354.503	2.109	36.8145	-120.575
93623	69	170	79826695	32596	30.821	0.013	37.49482	-119.644
93624	1134	295	2.9E+08	366566	112.063	0.142	36.37843	-120.117
93625	7313	2416	64025289	0	24.72	0	36.62454	-119.672
93626	1359	613	2.58E+08	15739361	99.571	6.077	37.04678	-119.687
93627	123	29	92352753	0	35.658	0	36.4744	-120.061
93628	327	403	92921560	348021	35.877	0.134	36.77983	-118.939
93630	19162	5642	4.03E+08	2911702	155.707	1.124	36.72742	-120.124
93631	15941	5587	2.08E+08	806275	80.233	0.311	36.47824	-119.521
93633	25	256	54295038	0	20.963	0	36.82216	-118.649
93634	33	622	3.07E+09	58863302	1184.712	22.727	37.223	-119.001
93635	38776	12546	6.71E+08	22089011	259.19	8.529	37.06805	-120.844
93636	11908	4186	5.07E+08	2921247	195.6	1.128	36.98489	-119.874
93637	37743	12241	7.01E+08	148171	270.509	0.057	36.91808	-120.186
93638	49068	12038	2.46E+08	1575684	94.822	0.608	37.04093	-120.031
93640	11880	2797	2.93E+08	3681621	113.101	1.421	36.67268	-120.447

93641	595	438	82690991	377389	31.927	0.146	36.69676	-119.024
93643	3171	1778	3.22E+08	1279946	124.516	0.494	37.2247	-119.471
93644	8637	4431	2.4E+08	19415	92.764	0.007	37.37779	-119.632
93645	318	149	1.38E+08	93131	53.475	0.036	37.17395	-119.641
93646	10557	2671	1.1E+08	0	42.607	0	36.64474	-119.289
93647	11874	2928	2.77E+08	28115	106.863	0.011	36.60076	-119.175
93648	15719	3875	59395881	0	22.933	0	36.62063	-119.521
93650	4055	1458	1834447	0	0.708	0	36.84081	-119.8
93651	1674	673	74408723	69502	28.729	0.027	36.99934	-119.519
93652	415	111	5346999	0	2.064	0	36.59501	-119.905
93653	1229	570	6.15E+08	9481617	237.365	3.661	37.24834	-119.945
93654	29776	8832	2.55E+08	1475577	98.551	0.57	36.65871	-119.401
93656	6313	1840	2.85E+08	30840	109.855	0.012	36.45023	-119.934
93657	34999	11444	5.52E+08	12366122	213.083	4.775	36.81779	-119.458
93660	4675	1130	2.1E+08	1334971	81.218	0.515	36.58545	-120.174
93662	30237	8979	2.04E+08	550687	78.787	0.213	36.53657	-119.639
93664	585	2295	4.97E+08	8850044	191.714	3.417	37.12932	-119.22
93665	472	144	2178983	0	0.841	0	36.96011	-120.648
93666	692	207	968551	0	0.374	0	36.54707	-119.336
93667	2604	1060	2.88E+08	2295062	111.34	0.886	36.95594	-119.335
93668	1118	361	87172781	191707	33.658	0.074	36.65028	-120.284
93669	295	261	17625483	2005323	6.805	0.774	37.29056	-119.548
93673	713	184	2154155	0	0.832	0	36.4527	-119.482
93675	3721	1678	2.04E+08	142811	78.814	0.055	36.72472	-119.193
93701	12529	3828	3921893	0	1.514	0	36.74966	-119.788
93702	48607	12806	13633816	0	5.264	0	36.73919	-119.754
93703	31868	10249	12244599	0	4.728	0	36.76886	-119.762
93704	27156	11678	14195500	0	5.481	0	36.79905	-119.802
93705	36703	13085	12628103	0	4.876	0	36.78667	-119.828
93706	41087	11392	4.24E+08	0	163.537	0	36.65204	-119.907
93710	30202	12181	18158800	0	7.011	0	36.82235	-119.76
93711	36731	16376	29291416	369266	11.309	0.143	36.83429	-119.833
93720	45191	18236	25791046	119729	9.958	0.046	36.86221	-119.761
93721	6959	1923	5309617	0	2.05	0	36.73289	-119.784
93722	76448	25246	50733010	175015	19.588	0.068	36.79936	-119.875
93723	9547	3119	1.11E+08	64577	42.684	0.025	36.79348	-119.957
93725	24979	6974	1.69E+08	162857	65.434	0.063	36.62721	-119.732
93726	40705	15033	16619268	0	6.417	0	36.79366	-119.761
93727	71820	23644	84197155	0	32.509	0	36.75152	-119.681
93728	15743	6366	7924791	0	3.06	0	36.75729	-119.818
93730	9941	3869	19620322	1741210	7.575	0.672	36.90039	-119.754
93901	26863	10603	37833782	74674	14.608	0.029	36.64152	-121.622
93905	61087	13157	24104021	95622	9.307	0.037	36.68235	-121.606
93906	59461	17788	33858896	47049	13.073	0.018	36.72271	-121.634
93907	21726	7512	1.4E+08	783165	53.967	0.302	36.76939	-121.668
93908	13043	4854	5.56E+08	6598794	214.587	2.548	36.65175	-121.599
93920	1369	864	9.55E+08	20976571	368.88	8.099	36.09298	-121.55

93921	3281	3139	2328597	420803	0.899	0.162	36.55318	-121.924
93923	12073	7476	3.34E+08	9948641	128.976	3.841	36.44867	-121.85
93924	6279	3094	4.92E+08	1100655	189.87	0.425	36.41408	-121.638
93925	1671	405	1.41E+08	820221	54.455	0.317	36.588	-121.399
93926	8726	2153	1.53E+08	284737	59.204	0.11	36.52588	-121.397
93927	17547	4347	6.83E+08	2825645	263.877	1.091	36.24871	-121.387
93928	506	82	49472760	48695	19.102	0.019	36.03887	-121.244
93930	15866	4260	9.33E+08	11870573	360.068	4.583	36.20506	-121.01
93932	592	292	2.61E+08	550285	100.715	0.212	35.98979	-121.056
93933	22406	8409	33300089	1724553	12.857	0.666	36.68685	-121.787
93940	31615	15281	53196768	1832680	20.539	0.708	36.57485	-121.841
93943	6	5	439354	0	0.17	0	36.597	-121.874
93950	15046	8171	7421665	1628304	2.866	0.629	36.62118	-121.925
93953	4509	2809	20823997	3083824	8.04	1.191	36.58522	-121.945
93954	302	93	94936001	2858	36.655	0.001	36.13336	-120.929
93955	33359	11017	73140141	1586807	28.24	0.613	36.61441	-121.787
93960	27080	4359	5.28E+08	13213293	204.024	5.102	36.38962	-121.343
93962	673	246	316378	0	0.122	0	36.62472	-121.646
94002	25992	11108	14668197	22417	5.663	0.009	37.51435	-122.299
94005	4282	1934	11384384	447655	4.396	0.173	37.68883	-122.409
94010	40737	17348	30654438	226706	11.836	0.088	37.57028	-122.366
94014	47014	14284	16334952	0	6.307	0	37.69087	-122.447
94015	60927	20678	14921282	0	5.761	0	37.68127	-122.481
94019	18424	7096	1.36E+08	1458176	52.599	0.563	37.46945	-122.412
94020	1559	849	1.44E+08	84078	55.767	0.032	37.27461	-122.232
94021	192	115	11740454	0	4.533	0	37.27084	-122.281
94022	18500	7479	45294442	0	17.488	0	37.35747	-122.144
94024	22385	8178	18910937	0	7.302	0	37.35225	-122.094
94025	40526	16271	30440620	3134	11.753	0.001	37.45752	-122.177
94027	7089	2616	13461324	82320	5.197	0.032	37.45351	-122.205
94028	6534	2744	39458835	289734	15.235	0.112	37.37686	-122.21
94030	21536	8374	8771378	30068	3.387	0.012	37.59897	-122.402
94037	2913	1169	14985393	0	5.786	0	37.55436	-122.497
94038	3040	1109	4081711	0	1.576	0	37.5269	-122.512
94040	32996	14492	9554256	0	3.689	0	37.38057	-122.085
94041	13292	6331	3962150	0	1.53	0	37.38853	-122.076
94043	28358	13213	27643575	1469	10.673	0.001	37.42187	-122.071
94044	37296	14550	37983639	4906	14.666	0.002	37.60659	-122.477
94060	1554	650	1.89E+08	878723	72.954	0.339	37.24714	-122.271
94061	36245	14010	9995762	6037	3.859	0.002	37.46115	-122.237
94062	25876	10547	1.84E+08	2434677	70.887	0.94	37.41056	-122.297
94063	30949	9175	17660779	2859053	6.819	1.104	37.4933	-122.196
94065	11359	4943	6313332	1695593	2.438	0.655	37.53411	-122.247
94066	41130	15360	15885106	0	6.133	0	37.6251	-122.434
94070	29166	12341	15905820	6509	6.141	0.003	37.49646	-122.273
94074	214	101	48020109	65380	18.541	0.025	37.33176	-122.341
94080	63975	21946	26623587	282831	10.279	0.109	37.65549	-122.422

94085	21247	8076	9039193	0	3.49	0	37.38856	-122.018
94086	45697	19359	11617938	0	4.486	0	37.37165	-122.023
94087	54293	20977	17048754	0	6.583	0	37.35153	-122.037
94089	19245	7530	15520469	31519	5.992	0.012	37.4124	-122.016
94102	31176	18758	1737493	0	0.671	0	37.77959	-122.419
94103	27170	14778	3512156	0	1.356	0	37.77313	-122.411
94104	406	368	200977	0	0.078	0	37.79141	-122.402
94105	5846	4601	956710	211026	0.369	0.081	37.78986	-122.394
94107	26599	15141	4640746	234303	1.792	0.09	37.76046	-122.4
94108	13768	8843	699434	0	0.27	0	37.79201	-122.409
94109	55984	37182	3076630	295388	1.188	0.114	37.79539	-122.422
94110	69333	28913	6022589	12207	2.325	0.005	37.75002	-122.415
94111	3713	2811	891185	494331	0.344	0.191	37.79937	-122.398
94112	79407	23081	8712507	0	3.364	0	37.72038	-122.443
94114	31124	17634	3691502	0	1.425	0	37.75806	-122.435
94115	33021	18884	2889747	0	1.116	0	37.78597	-122.437
94116	43698	16283	6696583	97204	2.586	0.038	37.7454	-122.486
94117	39169	19255	4370658	1625	1.688	0.001	37.76944	-122.448
94118	38319	18633	5047351	59174	1.949	0.023	37.7801	-122.463
94121	41203	18787	7981770	61194	3.082	0.024	37.77677	-122.495
94122	56023	23633	6122506	0	2.364	0	37.7588	-122.485
94123	23088	15083	2643367	222780	1.021	0.086	37.80093	-122.438
94124	33996	10812	12759593	2806558	4.927	1.084	37.7289	-122.383
94127	19289	7801	4585465	9359	1.77	0.004	37.73622	-122.459
94128	69	0	9108453	17894	3.517	0.007	37.62637	-122.386
94129	3183	1132	5968616	14697	2.304	0.006	37.79734	-122.464
94130	2880	786	2333737	0	0.901	0	37.82089	-122.37
94131	26881	13427	5386048	50550	2.08	0.02	37.74592	-122.441
94132	28129	10769	8055033	1299132	3.11	0.502	37.72197	-122.484
94133	26237	15197	1955574	646925	0.755	0.25	37.80453	-122.411
94134	40798	11867	6215356	90877	2.4	0.035	37.72105	-122.414
94158	4792	2482	1702946	1342605	0.658	0.518	37.76811	-122.387
94301	16995	8109	6146453	0	2.373	0	37.44412	-122.15
94303	45467	14551	20623192	1892246	7.963	0.731	37.45809	-122.115
94304	3627	2130	16830141	47216	6.498	0.018	37.37471	-122.182
94305	13862	4020	13280359	117653	5.128	0.045	37.41794	-122.171
94306	26469	11243	10843552	0	4.187	0	37.41573	-122.131
94401	34429	13518	8148342	2787265	3.146	1.076	37.57695	-122.317
94402	23981	9804	12589400	0	4.861	0	37.52369	-122.345
94403	39642	16371	14584661	433428	5.631	0.167	37.53845	-122.305
94404	33749	14246	11032640	1556894	4.26	0.601	37.556	-122.268
94501	60212	27087	20539466	9005303	7.93	3.477	37.7738	-122.278
94502	13600	5264	6942292	3081441	2.68	1.19	37.73757	-122.246
94503	19681	6064	33556323	6954857	12.956	2.685	38.18654	-122.265
94505	13403	5452	42133370	13777379	16.268	5.319	37.87171	-121.597
94506	22452	7788	48664719	25221	18.79	0.01	37.80942	-121.913
94507	14889	5528	32888775	0	12.698	0	37.8504	-122.021

94508	3661	1213	45184656	413194	17.446	0.16	38.57662	-122.444
94509	62439	22500	42552559	3584276	16.43	1.384	37.9965	-121.812
94510	27088	11338	72389963	8709001	27.95	3.363	38.09807	-122.136
94511	2137	1327	14411147	0	5.564	0	38.029	-121.641
94512	108	41	52217895	28205	20.161	0.011	38.13485	-121.834
94513	54605	18644	1.96E+08	5062146	75.656	1.955	37.92223	-121.668
94514	1360	468	74350346	453950	28.707	0.175	37.82637	-121.623
94515	7050	3517	2.74E+08	472676	105.65	0.183	38.63482	-122.615
94516	211	91	2264979	0	0.875	0	37.8339	-122.165
94517	12385	4662	1.48E+08	0	57.219	0	37.89022	-121.878
94518	26778	10638	14081235	0	5.437	0	37.95036	-122.022
94519	18453	7246	11323357	0	4.372	0	37.98846	-122.013
94520	37208	13601	26130104	0	10.089	0	37.99528	-122.041
94521	41249	16269	33572538	0	12.962	0	37.95601	-121.956
94523	33569	14505	18738956	0	7.235	0	37.95414	-122.076
94525	3127	1664	6093356	1834897	2.353	0.708	38.05295	-122.232
94526	31102	12218	38668323	5258	14.93	0.002	37.81461	-121.991
94528	964	393	6072659	0	2.345	0	37.8456	-121.951
94530	23877	10914	12506021	0	4.829	0	37.92155	-122.298
94531	40290	12494	28373833	0	10.955	0	37.96578	-121.776
94533	69277	24359	55951716	342384	21.603	0.132	38.28086	-122.007
94534	36416	13331	2.05E+08	1545568	79.162	0.597	38.24489	-122.136
94535	3793	1238	9871382	18644	3.811	0.007	38.28222	-121.925
94536	68790	25068	37767267	11692	14.582	0.005	37.57051	-121.981
94538	61148	21739	42636278	455258	16.462	0.176	37.50577	-121.962
94539	50031	16100	65831999	0	25.418	0	37.51691	-121.912
94541	61635	21989	19243298	61590	7.43	0.024	37.67395	-122.085
94542	12717	4595	14773416	0	5.704	0	37.65988	-122.037
94544	73026	23308	28378433	0	10.957	0	37.63382	-122.057
94545	29707	9477	55787089	7227925	21.54	2.791	37.60591	-122.127
94546	42209	16929	24404738	680975	9.423	0.263	37.71451	-122.08
94547	24092	8569	14095493	2142836	5.442	0.827	38.00994	-122.262
94548	412	172	7157010	122957	2.763	0.047	37.9743	-121.651
94549	26864	10896	49746404	431202	19.207	0.166	37.89701	-122.114
94550	46896	17858	6.03E+08	4303237	232.732	1.661	37.52666	-121.583
94551	36867	13566	2.04E+08	90631	78.915	0.035	37.7505	-121.749
94552	14454	5067	1.16E+08	54238	44.899	0.021	37.72272	-122.022
94553	47065	19581	1.27E+08	6689742	48.942	2.583	37.99389	-122.136
94555	34143	11096	30070498	3658430	11.61	1.413	37.54812	-122.099
94556	15229	5817	31722307	0	12.248	0	37.84067	-122.115
94558	66830	27133	9.21E+08	78858464	355.76	30.447	38.44201	-122.238
94559	27184	11014	94910435	5773441	36.645	2.229	38.24573	-122.313
94560	42573	13414	35757865	60530	13.806	0.023	37.50414	-122.032
94561	36515	12080	43839147	2530150	16.926	0.977	37.99394	-121.691
94563	17672	6816	44713551	38563	17.264	0.015	37.87992	-122.185
94564	18287	7127	14477578	1185084	5.59	0.458	37.99404	-122.283
94565	84641	27897	78214477	9559550	30.199	3.691	38.01458	-121.906

94566	40884	15329	50788269	395189	19.609	0.153	37.64812	-121.85
94567	623	312	3.4E+08	6256724	131.413	2.416	38.70691	-122.394
94568	46016	15773	39588086	11403	15.285	0.004	37.7174	-121.913
94569	198	115	6127472	0	2.366	0	38.04426	-122.199
94571	7911	4149	3.05E+08	53663693	117.621	20.72	38.14886	-121.738
94572	8684	3130	11244845	2291474	4.342	0.885	38.03272	-122.252
94573	94	53	2577621	7881	0.995	0.003	38.45886	-122.429
94574	8742	4406	3.31E+08	5413098	127.798	2.09	38.54245	-122.42
94575	974	1	433794	22901	0.167	0.009	37.84096	-122.11
94576	164	84	956949	0	0.369	0	38.54943	-122.476
94577	45560	17714	21107125	3540245	8.15	1.367	37.71328	-122.167
94578	38558	14808	11406269	0	4.404	0	37.70614	-122.126
94579	20571	7019	8113265	0	3.133	0	37.68649	-122.157
94580	27152	8958	8929836	17052	3.448	0.007	37.67573	-122.133
94582	38537	13345	33663078	41682	12.997	0.016	37.76217	-121.916
94583	34859	13282	38727298	1313	14.953	0.001	37.7555	-121.973
94585	28263	9511	2.91E+08	12612449	112.406	4.87	38.1925	-121.928
94586	925	398	1.52E+08	1994938	58.645	0.77	37.57459	-121.854
94587	69516	21258	51075108	0	19.72	0	37.60316	-122.019
94588	30842	11263	84547541	0	32.644	0	37.79268	-121.861
94589	29876	9973	29676409	344600	11.458	0.133	38.18735	-122.224
94590	35420	15729	15395883	2515027	5.944	0.971	38.10323	-122.249
94591	53042	19644	55883798	1881793	21.577	0.727	38.12287	-122.197
94592	742	319	10953975	15507	4.229	0.006	38.08973	-122.277
94595	16425	10261	13930717	0	5.379	0	37.87195	-122.069
94596	20037	10198	15448709	0	5.965	0	37.88908	-122.038
94597	20277	10181	10139311	0	3.915	0	37.9182	-122.072
94598	25818	10756	39493625	31275	15.249	0.012	37.89994	-121.999
94599	3021	1310	7593850	0	2.932	0	38.40988	-122.362
94601	50294	16362	8410939	310703	3.247	0.12	37.77555	-122.219
94602	28329	12498	8557026	77534	3.304	0.03	37.80432	-122.208
94603	31403	9950	8445735	0	3.261	0	37.73653	-122.179
94605	39016	16360	23196747	139197	8.956	0.054	37.76141	-122.15
94606	36672	16289	5922461	566568	2.287	0.219	37.79189	-122.245
94607	24978	12086	15275654	3062191	5.898	1.182	37.80721	-122.301
94608	28019	15101	7090119	1745997	2.738	0.674	37.83682	-122.29
94609	20596	10348	4424277	0	1.708	0	37.83439	-122.264
94610	29287	16450	5656311	602433	2.184	0.233	37.81141	-122.242
94611	36565	17999	27352180	5141	10.561	0.002	37.82948	-122.203
94612	14389	8921	2205251	0	0.851	0	37.8088	-122.269
94613	715	5	656685	0	0.254	0	37.78085	-122.183
94618	16046	7698	6281500	25272	2.425	0.01	37.84396	-122.238
94619	23299	9644	40532270	3719073	15.65	1.436	37.78147	-122.132
94621	29870	9689	20144786	4590477	7.778	1.772	37.74827	-122.217
94702	15979	7959	3299367	0	1.274	0	37.86578	-122.286
94703	19846	9468	3460814	0	1.336	0	37.86391	-122.276
94704	25592	9683	2769877	0	1.069	0	37.86654	-122.258

94705	12762	6133	8558635	0	3.305	0	37.86518	-122.238
94706	19615	8429	3823559	0	1.476	0	37.8897	-122.296
94707	11710	5198	4390733	0	1.695	0	37.89819	-122.279
94708	10985	5047	8784938	35275	3.392	0.014	37.90294	-122.262
94709	11806	5605	1522484	0	0.588	0	37.87923	-122.267
94710	6948	2937	5566008	5864359	2.149	2.264	37.86391	-122.306
94720	2964	105	1612536	0	0.623	0	37.87384	-122.255
94801	29395	10221	29210775	16481976	11.278	6.364	37.95284	-122.382
94803	24904	9675	30223793	0	11.669	0	37.95954	-122.284
94804	38559	15257	16002841	6857189	6.179	2.648	37.91656	-122.341
94805	13648	5446	5142991	0	1.986	0	37.94279	-122.323
94806	59861	20531	21583495	594264	8.333	0.229	37.98079	-122.338
94850	0	0	109969	32932	0.042	0.013	37.90223	-122.317
94901	41157	16408	34087837	9790442	13.161	3.78	37.97832	-122.497
94903	29040	12603	51941338	1639676	20.055	0.633	38.02237	-122.556
94904	11995	5759	18763550	414468	7.245	0.16	37.94551	-122.56
94920	12474	5817	16917954	13679428	6.532	5.282	37.88563	-122.469
94922	425	212	31919856	67958	12.324	0.026	38.34495	-122.949
94923	1411	1449	55431799	3763573	21.402	1.453	38.33995	-123.035
94924	1638	995	59879387	10910767	23.12	4.213	37.94309	-122.724
94925	9253	4026	8193476	2760445	3.164	1.066	37.93215	-122.508
94928	43170	16594	19951956	0	7.703	0	38.34642	-122.694
94929	264	426	2749903	0	1.062	0	38.25242	-122.963
94930	8500	4023	41237691	1049536	15.922	0.405	37.94396	-122.616
94931	8470	3677	16452622	29015	6.352	0.011	38.32413	-122.715
94933	865	421	2835008	0	1.095	0	38.0126	-122.687
94937	837	762	1.08E+08	29288035	41.599	11.308	38.11619	-122.93
94938	812	417	27406981	0	10.582	0	38.02907	-122.727
94939	6859	3582	5536933	252346	2.138	0.097	37.93708	-122.532
94940	268	197	58977903	9714999	22.771	3.751	38.17859	-122.883
94941	30496	14108	57584368	1873457	22.233	0.723	37.89753	-122.563
94945	17167	7020	67357203	2224944	26.007	0.859	38.13407	-122.527
94946	699	351	1.13E+08	3591545	43.679	1.387	38.08283	-122.672
94947	24283	9772	58778749	513113	22.695	0.198	38.11217	-122.634
94949	17202	7282	38918837	3178496	15.027	1.227	38.0672	-122.524
94950	89	54	22279973	0	8.602	0	38.02489	-122.76
94951	4124	1794	37958330	0	14.656	0	38.32086	-122.646
94952	32858	13904	4.67E+08	2998247	180.241	1.158	38.23455	-122.76
94954	37365	13915	1.61E+08	5883882	61.998	2.272	38.23502	-122.557
94956	1756	1064	1.51E+08	29166366	58.411	11.261	38.04586	-122.861
94957	1332	475	2963524	0	1.144	0	37.96311	-122.564
94960	15740	6791	15368189	0	5.934	0	37.99586	-122.578
94963	569	259	6894481	0	2.662	0	38.01372	-122.67
94964	5094	115	1009696	0	0.39	0	37.94326	-122.492
94965	10847	6466	35020350	11109589	13.521	4.289	37.8529	-122.547
94970	683	818	18019764	0	6.957	0	37.91451	-122.647
94971	337	181	32062021	4962656	12.379	1.916	38.23153	-122.928

94972	52	28	29959646	2954330	11.567	1.141	38.2921	-122.971
94973	1429	677	10318686	0	3.984	0	38.0127	-122.64
95002	2077	614	31006231	5973821	11.972	2.307	37.43853	-122.011
95003	23974	11719	91033228	3537572	35.148	1.366	37.01115	-121.882
95004	3918	1412	47013437	47209	18.152	0.018	36.87475	-121.631
95005	6311	2705	30929047	667001	11.942	0.258	37.09942	-122.092
95006	8979	4518	1.39E+08	12723	53.495	0.005	37.17127	-122.15
95007	676	300	1482252	0	0.572	0	37.10496	-122.107
95008	45260	19410	16543756	245738	6.388	0.095	37.27856	-121.955
95010	9137	5127	3554436	697774	1.372	0.269	36.97618	-121.953
95012	10320	2765	38655375	2050679	14.925	0.792	36.78448	-121.759
95013	80	32	3954839	0	1.527	0	37.21542	-121.741
95014	60717	22035	69748879	339868	26.93	0.131	37.30661	-122.081
95017	834	391	1.3E+08	6947891	50.004	2.683	37.11434	-122.237
95018	7778	3642	48687752	0	18.798	0	37.07409	-122.059
95019	7727	2061	3144664	0	1.214	0	36.93554	-121.783
95020	57349	17629	4.04E+08	2310058	155.939	0.892	37.01842	-121.554
95023	48841	15301	1.07E+09	1951192	412.35	0.753	36.90205	-121.351
95030	12791	5711	27046433	0	10.443	0	37.22279	-121.983
95032	25089	10568	41143975	357660	15.886	0.138	37.21682	-121.927
95033	9372	4135	2.37E+08	1905736	91.684	0.736	37.16132	-121.985
95035	66943	19874	60201550	154186	23.244	0.06	37.44364	-121.875
95037	45579	15626	6.3E+08	6306799	243.315	2.435	37.17406	-121.599
95039	1377	460	38187112	5027586	14.744	1.941	36.82815	-121.777
95041	160	88	104883	0	0.04	0	37.05042	-122.058
95043	639	366	2.22E+09	2788468	858.553	1.077	36.5257	-120.952
95045	4046	1542	1.23E+08	88611	47.406	0.034	36.82575	-121.519
95046	6417	1954	50452242	108511	19.48	0.042	37.09931	-121.599
95050	35923	14855	13667199	0	5.277	0	37.35116	-121.952
95051	54327	21119	17244623	0	6.658	0	37.34865	-121.984
95053	2206	21	442035	0	0.171	0	37.34873	-121.938
95054	23364	8891	16222835	0	6.264	0	37.39349	-121.965
95060	46377	19875	1.76E+08	8540148	67.826	3.297	37.03646	-122.122
95062	36079	16919	13072397	3293543	5.047	1.272	36.97053	-121.987
95064	7331	403	4857960	0	1.876	0	36.99111	-122.059
95065	8113	3361	28979514	0	11.189	0	37.03147	-121.983
95066	14749	5975	49084675	0	18.952	0	37.06792	-122.014
95070	30617	11379	66031411	63460	25.495	0.025	37.25729	-122.045
95073	10154	4334	54910802	0	21.201	0	37.04225	-121.93
95075	331	122	2.41E+08	392928	93.006	0.152	36.77905	-121.142
95076	82474	24331	3.54E+08	6747921	136.599	2.605	36.94626	-121.756
95110	18730	6339	12086351	0	4.667	0	37.34661	-121.91
95111	58466	15511	13969546	18008	5.394	0.007	37.28311	-121.826
95112	55927	20763	18370035	0	7.093	0	37.34451	-121.884
95113	893	992	883438	0	0.341	0	37.33371	-121.891
95116	51496	13663	9273431	0	3.58	0	37.35047	-121.853
95117	30067	11263	6659925	0	2.571	0	37.31118	-121.962

95118	31932	11544	10735870	0	4.145	0	37.25552	-121.89
95119	9970	3200	7327319	8026	2.829	0.003	37.23006	-121.785
95120	37457	12785	1.03E+08	1854148	39.755	0.716	37.18614	-121.844
95121	37469	9625	11479041	0	4.432	0	37.30415	-121.81
95122	56545	12702	12351716	0	4.769	0	37.3287	-121.835
95123	62228	22035	21542559	9784	8.318	0.004	37.24424	-121.832
95124	47082	17345	17015453	0	6.57	0	37.25677	-121.923
95125	51939	21640	20732334	0	8.005	0	37.2951	-121.891
95126	31049	13815	8501814	0	3.283	0	37.3268	-121.917
95127	61325	16416	33699820	0	13.012	0	37.37108	-121.801
95128	34836	14295	10111701	0	3.904	0	37.31598	-121.936
95129	38720	14517	11686153	0	4.512	0	37.30574	-122.001
95130	13911	5175	4034677	0	1.558	0	37.27712	-121.986
95131	28565	9231	15058227	0	5.814	0	37.38711	-121.897
95132	40299	11899	1.32E+08	5251020	50.967	2.027	37.42466	-121.748
95133	25401	7651	8241772	0	3.182	0	37.37165	-121.861
95134	15268	7068	24563311	749561	9.484	0.289	37.42765	-121.945
95135	20120	7373	79227374	6249	30.59	0.002	37.28645	-121.688
95136	42989	15448	12260084	12748	4.734	0.005	37.27006	-121.851
95138	18889	5891	67519790	0	26.07	0	37.24662	-121.734
95139	6748	2260	3188071	0	1.231	0	37.22491	-121.764
95140	191	130	3.2E+08	204269	123.726	0.079	37.3935	-121.62
95148	45528	11747	24409620	246839	9.425	0.095	37.33599	-121.778
95202	6521	3984	2791931	16915	1.078	0.007	37.95974	-121.288
95203	15696	5959	15979378	1666761	6.17	0.644	37.95245	-121.33
95204	27786	12047	13209883	686926	5.1	0.265	37.97374	-121.319
95205	38069	11346	23543550	30211	9.09	0.012	37.96458	-121.26
95206	65004	17923	3.75E+08	20213278	144.92	7.804	37.91885	-121.417
95207	47965	19457	18793035	471162	7.256	0.182	38.00213	-121.325
95209	39488	13337	21707643	487844	8.381	0.188	38.04766	-121.351
95210	39009	12154	17148410	187402	6.621	0.072	38.03018	-121.298
95211	1545	5	391981	68524	0.151	0.026	37.97925	-121.313
95212	25239	7327	55851885	355101	21.565	0.137	38.04994	-121.233
95215	23224	7298	2.45E+08	543799	94.682	0.21	37.94942	-121.157
95219	27884	11281	1.47E+08	20109846	56.864	7.764	38.05173	-121.483
95220	7273	2685	1.49E+08	2032530	57.56	0.785	38.20023	-121.235
95222	5292	2710	3.91E+08	9795634	151.093	3.782	38.07133	-120.632
95223	4612	7605	7.44E+08	3974555	287.416	1.535	38.42848	-119.983
95224	429	274	29435671	93399	11.365	0.036	38.23132	-120.323
95225	672	274	18148136	199735	7.007	0.077	38.1984	-120.886
95226	84	43	14620683	394480	5.645	0.152	38.22899	-120.857
95227	941	423	96147855	7495584	37.123	2.894	38.2074	-121.052
95228	3976	2476	2.77E+08	3301179	106.833	1.275	37.9333	-120.707
95230	718	300	2.94E+08	17356210	113.646	6.701	38.00049	-120.898
95231	4374	923	27424810	2290	10.589	0.001	37.87328	-121.292
95232	304	171	20458114	0	7.899	0	38.35534	-120.594
95233	436	280	18136632	12598	7.003	0.005	38.16167	-120.368

95234	70	34	86988086	5485611	33.586	2.118	37.92576	-121.528
95236	4223	1543	2.8E+08	1929020	108.056	0.745	38.02973	-121.024
95237	3167	1214	20680744	108162	7.985	0.042	38.16154	-121.15
95240	47172	17344	2.14E+08	1165445	82.705	0.45	38.11439	-121.145
95242	25393	10355	2.49E+08	6418335	96.032	2.478	38.13707	-121.385
95245	2277	1306	1.77E+08	187534	68.444	0.072	38.29926	-120.627
95246	1615	962	1.35E+08	145409	52.163	0.056	38.23285	-120.516
95247	4368	2526	1.08E+08	81773	41.679	0.032	38.13854	-120.453
95248	301	223	82390657	403185	31.811	0.156	38.31771	-120.461
95249	4042	1895	2.17E+08	2332912	83.799	0.901	38.18912	-120.639
95250	78	61	27560027	0	10.641	0	38.23783	-120.429
95251	767	360	28468035	11721	10.992	0.005	38.07769	-120.449
95252	13460	5605	3.17E+08	19673449	122.483	7.596	38.14982	-120.847
95254	480	212	14269489	991925	5.509	0.383	38.19261	-120.958
95255	2042	1242	1.16E+08	134844	44.602	0.052	38.4199	-120.474
95257	413	262	39368932	161215	15.2	0.062	38.3797	-120.448
95258	4018	1511	8347501	276561	3.223	0.107	38.16961	-121.311
95301	37073	12387	1.61E+08	62420	62.298	0.024	37.32115	-120.637
95303	912	305	1.01E+08	55050	38.973	0.021	37.47029	-120.671
95304	15706	4140	4.13E+08	9030886	159.444	3.487	37.6711	-121.407
95305	245	133	36939206	1440941	14.262	0.556	37.79423	-120.269
95306	970	466	3.54E+08	3421046	136.788	1.321	37.39262	-120.128
95307	42753	13177	86765441	0	33.5	0	37.55427	-120.952
95310	1882	1006	1.02E+08	2669696	39.539	1.031	38.08584	-120.379
95311	2197	1455	6.2E+08	7773447	239.566	3.001	37.70508	-120.082
95312	268	84	2538604	0	0.98	0	37.42107	-120.653
95313	1386	532	1.34E+08	846576	51.664	0.327	37.43139	-121.051
95314	0	106	65080494	159062	25.128	0.061	38.32189	-119.79
95315	13018	3528	47264386	30295	18.249	0.012	37.4219	-120.769
95316	6573	2279	1.73E+08	0	66.811	0	37.55338	-120.714
95317	817	277	1.37E+08	386377	52.988	0.149	37.12738	-120.506
95318	541	304	1.02E+08	347693	39.569	0.134	37.65337	-119.784
95319	1749	565	1606178	0	0.62	0	37.63929	-120.903
95320	12819	4657	2.3E+08	1416547	88.631	0.547	37.8256	-121.005
95321	3736	3656	4.54E+08	2487036	175.152	0.96	37.85473	-120.015
95322	8942	3398	4.51E+08	18815993	174.18	7.265	37.1662	-121.024
95323	1260	411	79900201	489827	30.85	0.189	37.6083	-120.685
95324	7324	2604	1.07E+08	1841030	41.161	0.711	37.39454	-120.891
95325	81	42	1.05E+08	120624	40.706	0.047	37.47989	-120.23
95326	9581	3328	74925117	439428	28.929	0.17	37.58892	-120.855
95327	9806	2978	4.07E+08	22334079	157.095	8.623	37.86163	-120.48
95328	3993	1105	2697387	0	1.041	0	37.55845	-120.91
95329	2460	1355	2.83E+08	20372706	109.261	7.866	37.66659	-120.412
95330	17853	5181	55728730	1331603	21.517	0.514	37.80948	-121.315
95333	2942	956	3.02E+08	0	116.703	0	37.24223	-120.24
95334	15457	4098	1.45E+08	589107	56	0.227	37.34731	-120.743
95335	541	1225	1.09E+08	265958	42.101	0.103	38.12508	-120.093

95336	42675	15067	99172501	93659	38.291	0.036	37.83027	-121.201
95337	31557	10622	1.18E+08	1752981	45.506	0.677	37.74304	-121.238
95338	11062	5746	8.81E+08	13485380	340.325	5.207	37.50877	-119.982
95340	33931	12642	1.03E+08	1917558	39.752	0.74	37.34579	-120.424
95341	32967	9330	3.87E+08	3505980	149.585	1.354	37.23105	-120.501
95345	708	365	82770991	230905	31.958	0.089	37.58377	-119.977
95346	1272	1375	15529278	14595	5.996	0.006	38.06553	-120.171
95348	30805	11276	1.23E+08	265214	47.504	0.102	37.39229	-120.498
95350	51046	20928	22996426	0	8.879	0	37.67198	-121.007
95351	46458	13749	22972046	674007	8.87	0.26	37.6236	-120.996
95354	25394	9836	19012000	50971	7.341	0.02	37.63903	-120.965
95355	58311	22505	24577003	73039	9.489	0.028	37.67291	-120.947
95356	30918	11949	55384235	3036007	21.384	1.172	37.71802	-121.033
95357	11559	3861	99788867	348014	38.529	0.134	37.67254	-120.887
95358	31668	9228	3.12E+08	5187883	120.328	2.003	37.61261	-121.109
95360	11712	3935	8.67E+08	4346532	334.723	1.678	37.32596	-121.193
95361	31610	12050	6E+08	8727183	231.695	3.37	37.78649	-120.758
95363	25237	8085	3.06E+08	768399	118.043	0.297	37.45289	-121.23
95364	53	539	7.04E+08	11425829	271.974	4.412	38.25838	-119.783
95365	4985	1272	39294026	0	15.172	0	37.33111	-120.295
95366	16575	5991	89066315	877370	34.389	0.339	37.76294	-121.126
95367	23173	7271	11873483	150942	4.584	0.058	37.72928	-120.943
95368	13614	4159	8517356	649884	3.289	0.251	37.71563	-121.089
95369	1099	502	4.13E+08	8136969	159.308	3.142	37.53179	-120.436
95370	26803	13100	2.67E+08	12588009	103.152	4.86	37.98455	-120.349
95372	1963	848	6937465	13780	2.679	0.005	37.99134	-120.263
95374	2030	700	1.21E+08	1297497	46.57	0.501	37.31681	-120.856
95375	106	393	7889388	102350	3.046	0.04	38.1866	-120.026
95376	49859	16589	19775153	0	7.635	0	37.73719	-121.433
95377	30902	8819	2.8E+08	68096	108.05	0.026	37.67404	-121.517
95379	3898	1760	1.4E+08	334497	53.868	0.129	37.93977	-120.188
95380	41201	14525	1.94E+08	26703	75.018	0.01	37.4744	-120.876
95382	36176	13132	27189623	0	10.498	0	37.52848	-120.853
95383	3937	3355	2.03E+08	423176	78.353	0.163	38.10744	-120.231
95385	429	189	64333467	307195	24.839	0.119	37.61074	-121.247
95386	9877	3203	2.2E+08	6650495	84.884	2.568	37.66888	-120.627
95387	636	189	3E+08	68663	115.891	0.027	37.4987	-121.298
95388	13074	3912	1.01E+08	202419	38.818	0.078	37.41467	-120.587
95389	1272	875	6.11E+08	3524875	236.041	1.361	37.62649	-119.681
95391	9959	3331	61518426	1092141	23.752	0.422	37.76824	-121.61
95401	36981	14062	53417691	39627	20.625	0.015	38.44914	-122.794
95403	45164	17965	57009092	146195	22.011	0.056	38.50369	-122.754
95404	39761	17039	2.07E+08	60660	79.974	0.023	38.5263	-122.691
95405	21399	9251	14183932	0	5.476	0	38.43711	-122.666
95407	39352	12442	58746449	10212	22.682	0.004	38.3933	-122.745
95409	27187	12983	99389538	674617	38.375	0.26	38.46889	-122.581
95410	950	582	1.03E+08	10186158	39.861	3.933	39.20475	-123.691

95412	401	203	2.22E+08	0	85.685	0	38.71342	-123.35
95415	1592	629	1.43E+08	0	55.279	0	39.01525	-123.371
95417	297	139	1.95E+08	0	75.327	0	39.68979	-123.61
95420	374	215	5194874	835145	2.006	0.322	39.36615	-123.805
95421	1592	1289	5.61E+08	810417	216.632	0.313	38.62804	-123.159
95422	15585	8546	91236887	22274625	35.227	8.6	38.97364	-122.623
95423	3747	2680	2.66E+08	4803863	102.839	1.855	39.06445	-122.627
95425	10841	4544	5.33E+08	15280499	205.709	5.9	38.82308	-123.064
95426	2147	1315	52522679	35871	20.279	0.014	38.83246	-122.73
95427	459	243	1.8E+08	0	69.663	0	39.24418	-123.564
95428	2516	1160	5.83E+08	1726188	225.185	0.666	39.82443	-123.179
95429	70	60	1.04E+08	410281	39.965	0.158	39.72054	-123.301
95430	44	32	615335	0	0.238	0	38.46143	-123.047
95431	631	0	196644	0	0.076	0	38.34834	-122.517
95432	426	312	1.89E+08	1205609	72.924	0.465	39.10825	-123.645
95435	82	26	399528	0	0.154	0	39.00721	-122.87
95436	5418	2995	59514277	866324	22.979	0.334	38.48697	-122.906
95437	14799	7082	2.53E+08	10278001	97.77	3.968	39.48586	-123.743
95439	675	263	7091874	0	2.738	0	38.49318	-122.778
95441	2014	847	2.64E+08	4704468	101.906	1.816	38.73169	-122.907
95442	3178	1750	63226514	146136	24.412	0.056	38.37133	-122.487
95443	233	222	10840827	18896	4.186	0.007	39.05413	-122.751
95444	748	288	700896	0	0.271	0	38.43322	-122.869
95445	2093	1421	2.22E+08	7363180	85.544	2.843	38.83254	-123.473
95446	4750	3565	85259067	440234	32.919	0.17	38.52716	-123.008
95448	16852	7753	4.88E+08	1450148	188.498	0.56	38.62703	-122.892
95449	1507	606	3.38E+08	954807	130.591	0.369	38.9432	-123.101
95450	387	366	71095022	703126	27.45	0.271	38.50136	-123.171
95451	11213	5911	2.49E+08	13976159	96.177	5.396	38.92213	-122.79
95452	1393	760	37217734	0	14.37	0	38.42552	-122.535
95453	11256	5533	2.17E+08	1027452	83.719	0.397	39.04476	-122.942
95454	2556	1331	6.92E+08	961579	267.025	0.371	39.80615	-123.516
95456	795	605	26094867	2116526	10.075	0.817	39.2583	-123.761
95457	2893	1712	3.84E+08	10931156	148.406	4.221	38.88297	-122.533
95458	3104	1904	1.27E+08	61071	48.972	0.024	39.16128	-122.745
95459	504	421	1.74E+08	7118789	67.071	2.749	38.98932	-123.627
95460	2285	1555	70740091	6214670	27.313	2.399	39.30525	-123.749
95461	3413	1886	3.24E+08	1847960	125.222	0.714	38.75277	-122.557
95462	1417	1135	15213763	667953	5.874	0.258	38.46215	-123.018
95463	169	134	29224936	0	11.284	0	39.18679	-123.558
95464	2673	1582	8612745	0	3.325	0	39.12836	-122.849
95465	2083	1314	1.08E+08	1443194	41.715	0.557	38.42131	-123.066
95466	946	461	2.44E+08	105252	94.042	0.041	39.08182	-123.505
95467	5498	2565	25420363	397579	9.815	0.154	38.80946	-122.54
95468	1258	703	1.69E+08	7644815	65.185	2.952	38.91621	-123.606
95469	1767	1014	4.52E+08	8590127	174.677	3.317	39.39092	-123.053
95470	6032	2391	2.14E+08	627838	82.517	0.242	39.31403	-123.25

95471	522	434	3734436	0	1.442	0	38.52408	-122.969
95472	28255	13187	1.79E+08	105888	69.141	0.041	38.39882	-122.862
95476	35394	16559	2.9E+08	2123151	111.988	0.82	38.25494	-122.471
95482	31808	12571	8.05E+08	8310284	310.875	3.209	39.12123	-123.242
95485	2557	1265	2.72E+08	2551935	104.933	0.985	39.22548	-122.923
95486	62	67	50163	0	0.019	0	38.47414	-123.024
95488	280	219	2.3E+08	9382299	88.718	3.623	39.68373	-123.742
95490	13264	6012	1.02E+09	2249416	392.177	0.869	39.49284	-123.341
95492	28532	10192	49281501	44081	19.028	0.017	38.52808	-122.821
95493	198	104	11734792	60811	4.531	0.023	39.18473	-122.97
95494	139	77	2.67E+08	0	102.943	0	38.88965	-123.338
95497	1305	1818	41841498	222129	16.155	0.086	38.7429	-123.476
95501	23976	10574	18248993	4431196	7.046	1.711	40.7988	-124.152
95503	24152	10555	2.24E+08	8286731	86.447	3.2	40.73743	-124.109
95511	360	206	1.51E+08	177027	58.391	0.068	40.14186	-123.682
95514	254	136	2.25E+08	561607	86.698	0.217	40.29471	-123.653
95519	17432	7585	1.47E+08	3719353	56.805	1.436	40.95937	-124.051
95521	20199	9068	1.39E+08	45873057	53.503	17.712	40.85567	-124.067
95524	1787	813	26988359	26981	10.42	0.01	40.82549	-124.049
95525	1733	830	2.16E+08	399001	83.396	0.154	40.92143	-123.815
95526	378	301	2.85E+08	468511	110.08	0.181	40.45906	-123.673
95527	627	455	3.56E+08	3143	137.606	0.001	41.01226	-123.388
95528	1139	546	2.66E+08	408591	102.587	0.158	40.49728	-123.93
95531	24528	9176	5.05E+08	77018894	195.172	29.737	41.81958	-124.066
95536	2849	1397	3.81E+08	3223655	147.188	1.245	40.52317	-124.327
95537	276	143	461647	0	0.178	0	40.72675	-124.217
95540	13657	5722	71915618	1250208	27.767	0.483	40.57883	-124.137
95542	2533	1390	5.12E+08	649856	197.591	0.251	40.08041	-123.784
95543	765	425	2.64E+08	635589	101.973	0.245	41.87081	-123.863
95545	153	100	1.24E+08	0	47.945	0	40.28039	-124.064
95546	3494	1417	3.54E+08	3897361	136.502	1.505	41.09282	-123.676
95547	1222	506	19536376	0	7.543	0	40.55748	-124.081
95548	1373	647	2.26E+08	18746720	87.34	7.238	41.5932	-124.046
95549	805	382	2.91E+08	182616	112.336	0.071	40.6667	-123.908
95550	128	73	3.49E+08	503589	134.932	0.194	40.78122	-123.826
95551	1739	732	1.1E+08	26751062	42.568	10.329	40.67499	-124.231
95552	697	749	1.4E+09	4405482	539.716	1.701	40.20394	-123.22
95553	1062	612	1.54E+08	161515	59.275	0.062	40.24422	-123.889
95554	533	336	1.3E+08	479581	50.201	0.185	40.29635	-123.777
95555	410	238	2.23E+08	1363927	85.929	0.527	41.24181	-123.913
95556	605	353	3.55E+08	1813272	136.991	0.7	41.30807	-123.586
95558	425	360	5.2E+08	762617	200.912	0.294	40.29826	-124.243
95559	182	110	46752702	93400	18.051	0.036	40.18368	-123.745
95560	1648	867	86279071	149914	33.313	0.058	40.1688	-123.826
95562	3450	1486	63696882	707205	24.594	0.273	40.47242	-124.122
95563	652	395	1.56E+08	168586	60.218	0.065	40.87733	-123.499
95564	462	192	8591808	3861027	3.317	1.491	40.79102	-124.205

95565	1071	394	86153866	1695763	33.264	0.655	40.45519	-124.015
95567	1930	927	1.62E+08	10304104	62.551	3.978	41.95068	-124.097
95568	136	102	2.1E+08	2990823	81.252	1.155	41.45269	-123.465
95569	361	154	1.6E+08	1795601	61.847	0.693	40.37886	-123.845
95570	2579	1571	61405919	34060111	23.709	13.151	41.08006	-124.156
95571	271	137	1957032	48591	0.756	0.019	40.32277	-123.921
95573	1744	1136	3.12E+08	963671	120.275	0.372	40.91493	-123.669
95585	508	300	1.41E+08	0	54.514	0	39.84468	-123.657
95587	201	119	33669032	0	13	0	39.96327	-123.776
95589	1612	1159	4.83E+08	23381519	186.678	9.028	40.0558	-123.969
95595	262	175	6.34E+08	72313	244.802	0.028	40.10981	-123.425
95601	198	111	4538018	26631	1.752	0.01	38.4267	-120.826
95602	17509	7496	1.28E+08	1727737	49.371	0.667	38.99003	-121.114
95603	27844	12243	1.01E+08	1324813	39.028	0.512	38.91587	-121.08
95604	75	117	1037384	0	0.401	0	39.2433	-120.071
95605	14179	5251	10099855	434286	3.9	0.168	38.59352	-121.54
95606	196	87	94066749	0	36.319	0	38.75619	-122.195
95607	431	219	3.48E+08	655867	134.25	0.253	38.83447	-122.127
95608	59418	27325	33776671	685947	13.041	0.265	38.62415	-121.325
95610	44147	18539	20279505	0	7.83	0	38.69491	-121.272
95612	1239	502	1.44E+08	7179467	55.476	2.772	38.38465	-121.579
95614	3833	1680	91938310	225458	35.498	0.087	38.88606	-120.982
95615	834	333	60185000	2146028	23.238	0.829	38.32403	-121.546
95616	47032	17982	71372239	61834	27.557	0.024	38.55413	-121.798
95618	27281	10257	90464817	262465	34.929	0.101	38.54321	-121.682
95619	4842	2139	15567920	95730	6.011	0.037	38.68061	-120.814
95620	20553	7048	6.24E+08	7524409	240.76	2.905	38.41262	-121.756
95621	39819	16768	17589801	0	6.791	0	38.6957	-121.308
95623	3806	1633	1.36E+08	24029	52.347	0.009	38.60529	-120.857
95624	61989	19978	1.14E+08	114628	43.982	0.044	38.42765	-121.316
95625	155	69	2991432	0	1.155	0	38.35812	-121.912
95626	5975	2041	60247188	0	23.262	0	38.73315	-121.468
95627	3513	1224	1.33E+08	804522	51.417	0.311	38.73451	-122.025
95628	40196	17294	33034540	1171184	12.755	0.452	38.65207	-121.254
95629	832	453	1.2E+08	0	46.495	0	38.51647	-120.689
95630	72180	26093	71442063	6028731	27.584	2.328	38.6666	-121.142
95631	6076	2667	3.94E+08	1407444	152.174	0.543	39.05346	-120.796
95632	29269	9633	2.87E+08	1304652	110.844	0.504	38.27445	-121.259
95633	3349	1515	1.07E+08	100735	41.225	0.039	38.84452	-120.827
95634	3232	1580	2.1E+08	196486	81.132	0.076	38.93807	-120.769
95635	1262	543	52517081	59041	20.277	0.023	38.9043	-120.914
95636	1101	678	3E+08	0	115.939	0	38.62128	-120.383
95637	370	191	54635119	0	21.095	0	38.83414	-122.237
95638	2255	766	2.04E+08	1521362	78.691	0.587	38.31345	-121.124
95639	283	116	11775487	1113704	4.547	0.43	38.38903	-121.5
95640	11353	3189	2.99E+08	16358353	115.407	6.316	38.32525	-120.956
95641	1986	1190	1.16E+08	6420430	44.62	2.479	38.14031	-121.59

95642	7164	3529	1.72E+08	4707107	66.246	1.817	38.34303	-120.761
95645	2037	738	3.32E+08	5843180	128.004	2.256	38.88489	-121.779
95646	158	729	9934019	2452716	3.836	0.947	38.68928	-120.055
95648	47354	19219	3.67E+08	3074811	141.508	1.187	38.92281	-121.312
95650	12447	4792	63888285	477179	24.667	0.184	38.80918	-121.171
95651	637	302	30057290	0	11.605	0	38.81782	-120.929
95652	739	223	9776107	0	3.775	0	38.66298	-121.401
95653	527	147	13333351	21917	5.148	0.008	38.6976	-121.979
95655	4314	1561	24531691	64570	9.472	0.025	38.54923	-121.279
95658	6285	2589	64231827	1011320	24.8	0.39	38.88322	-121.159
95659	702	328	1.3E+08	1979455	50.021	0.764	38.84223	-121.572
95660	30714	10871	16152210	0	6.236	0	38.67855	-121.38
95661	29791	12455	23314549	3366	9.002	0.001	38.74107	-121.248
95662	31558	12623	28154331	339770	10.87	0.131	38.68917	-121.218
95663	2377	926	20680794	0	7.985	0	38.85581	-121.182
95664	1380	620	97732414	12209902	37.735	4.714	38.80066	-121.037
95665	4426	2152	52698565	135310	20.347	0.052	38.40208	-120.65
95666	5336	3779	1.44E+08	2235108	55.706	0.863	38.52386	-120.377
95667	36726	16204	4.49E+08	1078329	173.216	0.416	38.73493	-120.79
95668	815	330	1.57E+08	362628	60.608	0.14	38.83355	-121.498
95669	2443	1182	2.29E+08	203331	88.321	0.079	38.48262	-120.899
95670	52973	21636	32514204	974496	12.554	0.376	38.60427	-121.28
95672	4773	1856	58455805	499923	22.57	0.193	38.72509	-121
95673	15455	5239	42005044	173475	16.218	0.067	38.68924	-121.459
95674	935	356	83001111	0	32.047	0	38.95416	-121.482
95675	381	201	1785214	0	0.689	0	38.5447	-120.741
95677	23333	9568	22938022	18040	8.856	0.007	38.79108	-121.235
95678	41192	16978	28131203	0	10.862	0	38.76407	-121.288
95679	55	36	1.19E+08	691077	45.9	0.267	38.89667	-122.349
95680	146	48	5206956	141380	2.01	0.055	38.24042	-121.588
95681	1226	438	44663142	44449	17.245	0.017	38.99556	-121.354
95682	29114	11841	2.1E+08	280638	81.155	0.108	38.61213	-120.965
95683	6180	2671	2.35E+08	1078315	90.773	0.416	38.51199	-121.096
95684	3422	1786	3.77E+08	156250	145.398	0.06	38.59327	-120.586
95685	4680	2449	1.28E+08	18641	49.305	0.007	38.4319	-120.771
95686	1405	466	70581553	3132051	27.252	1.209	38.15779	-121.52
95687	65096	22537	1.13E+08	617686	43.521	0.238	38.33313	-121.92
95688	34379	12997	2.1E+08	741176	81.186	0.286	38.40857	-122.023
95689	1244	793	71920341	0	27.769	0	38.47883	-120.612
95690	2533	1123	1.48E+08	7599457	57.28	2.934	38.19958	-121.618
95691	34737	13497	1.08E+08	5917830	41.522	2.285	38.62795	-121.593
95692	4769	1834	1.41E+08	1994678	54.262	0.77	39.04693	-121.403
95693	6758	2612	1.63E+08	123591	62.831	0.048	38.39955	-121.21
95694	9156	3274	3.86E+08	961057	149.205	0.371	38.56849	-122.08
95695	37946	14689	3.68E+08	0	142.159	0	38.68704	-121.857
95697	425	152	600030	0	0.232	0	38.73237	-121.81
95698	236	99	1.11E+08	769515	42.989	0.297	38.81636	-121.911

95699	154	76	10517828	66394	4.061	0.026	38.43647	-120.858
95701	983	573	86311664	218666	33.325	0.084	39.22448	-120.769
95703	897	374	11528523	0	4.451	0	38.98588	-120.979
95709	4772	2144	57840036	78751	22.332	0.03	38.74832	-120.676
95713	9495	4246	1.84E+08	992335	71.214	0.383	39.11368	-120.874
95714	382	277	8708468	34050	3.362	0.013	39.2005	-120.841
95715	115	143	67483834	2791225	26.056	1.078	39.26996	-120.678
95717	231	144	26466649	0	10.219	0	39.14452	-120.853
95720	157	420	3.14E+08	1498187	121.08	0.578	38.76604	-120.21
95721	37	505	32453168	1786425	12.53	0.69	38.84119	-120.077
95722	4585	1942	28297792	634869	10.926	0.245	39.00974	-121.034
95724	27	47	3095249	0	1.195	0	39.3117	-120.328
95726	8842	4605	1.92E+08	2199206	74.302	0.849	38.80035	-120.504
95728	386	1048	32165502	624655	12.419	0.241	39.31933	-120.399
95735	68	398	56102495	812246	21.661	0.314	38.84078	-120.15
95736	240	85	649432	0	0.251	0	39.03881	-120.978
95742	7749	2635	1.29E+08	99144	49.772	0.038	38.57778	-121.202
95746	21460	7811	45732364	113107	17.657	0.044	38.75096	-121.184
95747	51870	19836	1.21E+08	1273	46.621	0	38.78207	-121.373
95757	40222	11878	1.57E+08	2493515	60.455	0.963	38.34489	-121.431
95758	60435	21347	33222381	677143	12.827	0.261	38.42781	-121.445
95762	38797	13827	1.07E+08	5836415	41.288	2.253	38.68522	-121.064
95765	33974	12546	32091508	81147	12.391	0.031	38.8155	-121.28
95776	21902	6824	2.39E+08	2901159	92.427	1.12	38.69408	-121.694
95811	7595	4465	7212901	439603	2.785	0.17	38.58323	-121.478
95814	9922	6473	3616899	94332	1.396	0.036	38.58057	-121.496
95815	24680	10004	20324446	1027252	7.847	0.397	38.60541	-121.448
95816	15579	10137	5301362	2502	2.047	0.001	38.57158	-121.466
95817	13534	6574	5933955	0	2.291	0	38.55055	-121.456
95818	19811	10143	9948048	376888	3.841	0.146	38.55449	-121.497
95819	17141	8036	8760910	433240	3.383	0.167	38.56983	-121.44
95820	34480	13190	13453303	0	5.194	0	38.53488	-121.444
95821	33550	16240	18522331	192933	7.152	0.074	38.62569	-121.385
95822	42347	16569	21875767	232905	8.446	0.09	38.51279	-121.494
95823	73985	24552	30571490	0	11.804	0	38.4741	-121.443
95824	30221	9689	10518257	0	4.061	0	38.51759	-121.441
95825	31084	16993	12243232	16890	4.727	0.007	38.5919	-121.408
95826	36628	16192	29842945	409498	11.522	0.158	38.54375	-121.378
95827	20269	7846	19712471	648929	7.611	0.251	38.55613	-121.324
95828	57862	18515	31896927	0	12.315	0	38.48881	-121.396
95829	24755	7763	53827168	11789	20.783	0.005	38.48954	-121.323
95830	934	311	33598959	172211	12.973	0.066	38.49051	-121.284
95831	41321	19186	18097102	1435342	6.987	0.554	38.49483	-121.529
95832	11924	3222	21414053	1511682	8.268	0.584	38.44705	-121.496
95833	37293	15007	20065426	991997	7.747	0.383	38.61905	-121.518
95834	25899	10085	25884200	699661	9.994	0.27	38.63565	-121.518
95835	35936	13606	23201611	137009	8.958	0.053	38.67065	-121.526

95837	315	144	46760394	1087684	18.054	0.42	38.69395	-121.599
95838	36764	11587	23480746	20745	9.066	0.008	38.64617	-121.445
95841	19448	8804	10556566	0	4.076	0	38.66037	-121.347
95842	31806	12111	10143467	0	3.916	0	38.68681	-121.349
95843	45048	14599	16701380	0	6.448	0	38.71546	-121.363
95864	22447	10031	16615455	235040	6.415	0.091	38.58405	-121.376
95901	31314	12250	5.09E+08	4141361	196.552	1.599	39.22394	-121.494
95903	1732	843	37588823	25614	14.513	0.01	39.1061	-121.368
95910	86	81	88769698	4207	34.274	0.002	39.49113	-120.817
95912	4685	1566	4.68E+08	744186	180.543	0.287	39.0167	-122.062
95914	578	285	37956907	0	14.655	0	39.44901	-121.331
95915	44	55	58437101	52060	22.563	0.02	40.00626	-121.159
95916	1441	1011	2.51E+08	20002980	96.82	7.723	39.66554	-121.352
95917	3155	1156	1.78E+08	1084307	68.91	0.419	39.41363	-121.761
95918	2339	1008	1.79E+08	5182423	69.095	2.001	39.30123	-121.338
95919	1378	714	64005512	0	24.713	0	39.43288	-121.261
95920	274	134	1.79E+08	616634	69.079	0.238	39.44979	-121.936
95922	687	412	1.63E+08	10984882	62.774	4.241	39.48984	-121.07
95923	58	214	25726097	0	9.933	0	40.13373	-121.093
95925	295	163	86279365	5370577	33.313	2.074	39.48411	-121.193
95926	37725	16385	19815814	0	7.651	0	39.74563	-121.844
95928	36511	15496	3.56E+08	6215467	137.55	2.4	39.68571	-121.844
95930	69	52	43400977	431288	16.757	0.167	39.5486	-121.192
95932	7718	3047	3.22E+08	5093702	124.19	1.967	39.26647	-121.979
95934	274	161	53855943	42048	20.794	0.016	40.06109	-120.903
95935	631	332	61125450	187252	23.601	0.072	39.37934	-121.192
95936	352	297	2.72E+08	171343	104.932	0.066	39.60596	-120.791
95937	1491	595	1.32E+08	0	50.861	0	38.88525	-121.999
95938	3787	1525	1.86E+08	94302	71.869	0.036	39.60471	-121.795
95939	604	308	7.92E+08	8001763	305.865	3.089	39.57198	-122.581
95941	563	383	40926158	91441	15.802	0.035	39.51733	-121.243
95942	1301	965	1.45E+08	40386	55.898	0.016	40.01945	-121.567
95943	879	380	1.64E+08	5615758	63.299	2.168	39.58481	-122.032
95944	46	40	1.31E+08	302289	50.512	0.117	39.49494	-120.944
95945	25199	12405	1.66E+08	2308589	64.229	0.891	39.19639	-120.972
95946	9790	4728	1.08E+08	2799366	41.875	1.081	39.21559	-121.203
95947	1899	1012	3.38E+08	0	130.539	0	40.17457	-120.82
95948	10810	4015	2.02E+08	668657	78.022	0.258	39.33926	-121.771
95949	19741	8938	3.61E+08	483990	139.562	0.187	39.09925	-121.139
95950	569	202	1.32E+08	546053	50.992	0.211	39.04345	-121.918
95951	2601	775	47587859	2493719	18.374	0.963	39.72381	-122.004
95953	10718	3407	2.95E+08	701349	113.753	0.271	39.25875	-121.777
95954	12251	5863	1.84E+08	3214494	71.028	1.241	39.8895	-121.583
95955	1517	608	3.19E+08	79234	122.997	0.031	39.29452	-122.202
95956	401	534	1.75E+08	22136	67.731	0.009	39.83829	-121.134
95957	761	336	1.81E+08	1632993	69.859	0.631	39.06092	-121.827
95959	17838	8600	6.42E+08	3739852	247.919	1.444	39.34781	-120.919

95960	796	437	1.25E+08	139520	48.287	0.054	39.40322	-121.034
95961	26510	8799	1.19E+08	1754200	45.782	0.677	39.0403	-121.56
95962	1567	765	76947527	420003	29.71	0.162	39.34486	-121.264
95963	15493	5853	7.92E+08	14874705	305.671	5.743	39.7353	-122.259
95965	20384	8002	8.29E+08	42465351	320.197	16.396	39.59395	-121.581
95966	30643	13148	4.77E+08	22692306	184.065	8.762	39.4739	-121.416
95968	1412	514	4008182	0	1.548	0	39.43521	-121.552
95969	27549	13621	1.53E+08	831041	59.028	0.321	39.71685	-121.646
95970	530	261	1.21E+08	1311983	46.82	0.507	39.39842	-122.061
95971	5970	2920	2.62E+08	698439	101.17	0.27	39.94017	-120.886
95973	31957	13510	8.62E+08	4853362	332.803	1.874	39.89162	-121.842
95974	8	3	21744218	0	8.395	0	39.48022	-121.838
95975	1769	855	24218351	0	9.351	0	39.22441	-121.152
95977	1678	704	1.01E+08	577191	39.132	0.223	39.1766	-121.292
95978	143	71	16390482	0	6.328	0	39.8756	-121.536
95979	597	428	7.37E+08	7239187	284.419	2.795	39.30204	-122.511
95981	97	346	1.06E+08	656151	41.091	0.253	39.68707	-121
95982	3221	1217	1.15E+08	297681	44.364	0.115	39.17278	-121.806
95983	428	297	3.05E+08	0	117.913	0	40.07791	-120.707
95984	120	91	85943976	0	33.183	0	40.04096	-121.123
95986	162	121	21257292	0	8.207	0	39.34254	-120.771
95987	5992	1854	8.67E+08	195374	334.723	0.075	39.09795	-122.286
95988	8857	3543	8.04E+08	2082661	310.527	0.804	39.49165	-122.262
95991	40593	15139	1.05E+08	2815142	40.727	1.087	39.01606	-121.599
95993	36067	12388	2.21E+08	151010	85.522	0.058	39.0825	-121.68
96001	33865	14846	2.28E+08	4142185	87.953	1.599	40.60034	-122.455
96002	33298	13374	78346896	1803475	30.25	0.696	40.52783	-122.319
96003	44461	19402	6.15E+08	58048173	237.55	22.413	40.75194	-122.231
96006	557	307	4.19E+08	1049045	161.593	0.405	41.13614	-120.84
96007	22841	9487	3.36E+08	5300046	129.556	2.046	40.45799	-122.278
96008	1231	485	94129012	267095	36.343	0.103	40.705	-122.12
96009	569	285	5.71E+08	5449088	220.423	2.104	41.05604	-121.021
96010	239	153	1.04E+09	8362	402.101	0.003	40.9138	-123.307
96011	218	191	8.26E+08	5876875	319.05	2.269	41.05122	-121.984
96013	4212	2033	5.95E+08	7211209	229.757	2.784	40.97525	-121.69
96014	211	124	3.44E+08	1431294	132.729	0.553	41.32662	-122.774
96015	465	156	6.27E+08	22209457	241.979	8.575	41.48695	-120.914
96016	366	238	1.09E+08	1636300	42.109	0.632	40.89442	-121.506
96017	171	184	3.78E+08	1701294	146.103	0.657	41.08036	-122.234
96019	10082	4148	28334829	24257	10.94	0.009	40.67922	-122.378
96020	2416	1752	1.04E+08	1114919	40.049	0.43	40.398	-121.299
96021	16097	6337	6.18E+08	6911557	238.594	2.669	39.92345	-122.271
96022	15768	6443	6.27E+08	1715179	242.036	0.662	40.33639	-122.449
96023	1240	603	6.47E+08	66471910	249.804	25.665	41.92889	-121.907
96024	1145	670	4.63E+08	32385	178.583	0.013	40.54317	-122.877
96025	2310	1502	2.38E+08	815267	91.713	0.315	41.20994	-122.308
96027	2227	1108	1.23E+09	4432280	476.292	1.711	41.40003	-123.069

96028	1464	795	4.33E+08	6092726	167.284	2.352	41.00642	-121.481
96029	124	68	90316097	165127	34.871	0.064	39.94026	-122.489
96031	158	154	9.18E+08	2296386	354.41	0.887	41.18607	-123.182
96032	2407	1196	1.18E+09	3533351	455.531	1.364	41.60901	-122.964
96033	432	216	3.67E+08	8851277	141.616	3.417	40.78163	-122.584
96034	294	177	2.86E+08	1087199	110.437	0.42	41.42828	-122.609
96035	3324	1308	1.19E+08	1894524	45.959	0.731	40.04564	-122.185
96037	308	157	10391119	353965	4.012	0.137	41.54468	-122.935
96038	589	291	46183849	60403	17.832	0.023	41.6071	-122.546
96039	1251	695	1.61E+09	4728899	623.068	1.826	41.68791	-123.483
96040	341	207	3.19E+08	813443	123.181	0.314	40.79354	-121.439
96041	2747	1653	8.52E+08	58222	329.069	0.022	40.52572	-123.194
96044	1022	681	3.65E+08	5377769	140.89	2.076	41.93095	-122.51
96046	304	227	4.65E+08	40931	179.368	0.016	40.58644	-123.433
96047	1004	556	5.33E+08	780548	205.91	0.301	40.46982	-122.661
96048	736	406	3.98E+08	665312	153.504	0.257	40.82901	-123.023
96049	95	63	41030624	186096	15.842	0.072	41.76252	-123.329
96050	414	318	7.4E+08	1994161	285.745	0.77	41.89888	-122.889
96051	1139	873	8.02E+08	50761123	309.53	19.599	40.93294	-122.384
96052	1460	907	2E+08	4658844	77.083	1.799	40.73839	-122.821
96054	366	220	3.31E+08	4591978	127.741	1.773	41.24018	-121.037
96055	3935	1775	1.64E+08	1674658	63.216	0.647	40.10324	-122.075
96056	1642	884	8.74E+08	12195018	337.32	4.709	41.02818	-121.308
96057	1355	1064	8.19E+08	643301	316.283	0.248	41.2687	-121.931
96058	798	446	1.13E+09	7889666	434.923	3.046	41.72847	-121.906
96059	688	355	2.03E+08	210180	78.431	0.081	40.42164	-121.833
96061	36	167	1.07E+08	271584	41.279	0.105	40.33807	-121.479
96062	1105	439	1.89E+08	681648	72.915	0.263	40.58018	-122.041
96063	125	345	31030922	117777	11.981	0.045	40.37053	-121.606
96064	4574	2265	1.24E+09	9023996	479.11	3.484	41.75611	-122.365
96065	357	221	2.2E+08	1088352	84.752	0.42	40.89256	-121.876
96067	7165	3974	3.52E+08	2307641	135.854	0.891	41.30771	-122.377
96068	183	54	1.04E+08	650673	40.081	0.251	41.1184	-121.208
96069	982	502	2.29E+08	396832	88.608	0.153	40.68534	-122.016
96071	125	212	2.08E+08	329111	80.169	0.127	40.66292	-121.463
96073	4082	1619	1.15E+08	881065	44.518	0.34	40.60391	-122.186
96074	260	75	2.59E+08	582957	100.12	0.225	39.8844	-122.588
96075	369	207	1.78E+08	185792	68.786	0.072	40.34324	-121.852
96076	166	157	5.36E+08	61134	207.049	0.024	40.39194	-122.938
96080	28764	12256	1.59E+09	8028324	612.213	3.1	40.1716	-122.395
96084	625	323	2.73E+08	3066737	105.316	1.184	40.84501	-121.97
96085	85	60	1.93E+08	227821	74.638	0.088	41.73796	-123.076
96086	338	215	6.65E+08	1492677	256.742	0.576	41.92417	-123.261
96087	600	271	2.03E+08	12904373	78.253	4.982	40.62	-122.644
96088	4506	2567	4.08E+08	653442	157.556	0.252	40.51197	-121.885
96090	421	197	2660998	72055	1.027	0.028	40.02158	-122.128
96091	699	845	1.17E+09	3142235	452.212	1.213	41.03471	-122.791

96092	496	177	1.28E+08	49044	49.387	0.019	39.96332	-122.017
96093	4133	1939	1.52E+08	9647	58.658	0.004	40.76548	-122.941
96094	6630	3305	6.41E+08	11234474	247.405	4.338	41.45658	-122.469
96096	695	343	2.95E+08	357382	113.879	0.138	40.65285	-121.823
96097	10031	4815	4.94E+08	1024880	190.724	0.396	41.75522	-122.657
96101	5490	2786	1.51E+09	27693753	584.249	10.693	41.45271	-120.538
96103	1725	1988	3.26E+08	965104	125.702	0.373	39.80559	-120.666
96104	748	427	4.99E+08	49238740	192.482	19.011	41.50628	-120.143
96105	527	423	6.56E+08	294707	253.224	0.114	39.75366	-120.055
96106	479	495	60594374	0	23.396	0	39.73664	-120.544
96107	1269	659	2.3E+08	29321	88.906	0.011	38.42528	-119.476
96108	122	96	5.13E+08	3856553	198.034	1.489	41.77014	-120.431
96109	2197	566	5.12E+08	5151367	197.865	1.989	40.01972	-120.099
96110	166	117	3.88E+08	37983238	149.658	14.665	41.2999	-120.078
96111	160	91	86872470	115645	33.542	0.045	39.46831	-120.035
96112	214	151	3.28E+08	19830918	126.746	7.657	41.85884	-120.105
96113	1000	484	17651025	73460	6.815	0.028	40.14293	-120.159
96114	3220	1372	1.76E+08	5457339	67.961	2.107	40.29675	-120.5
96115	145	113	2.58E+08	1.03E+08	99.586	39.772	41.70183	-120.134
96116	233	166	6.5E+08	7381199	251.018	2.85	41.25525	-120.373
96117	405	189	8.46E+08	4042363	326.684	1.561	40.53353	-120.235
96118	1627	812	5.25E+08	811852	202.853	0.313	39.6396	-120.247
96119	90	70	4.2E+08	5275265	162.142	2.037	41.02267	-120.524
96120	957	618	5.46E+08	1453320	210.652	0.561	38.74339	-119.868
96121	368	184	86706921	3505699	33.478	1.354	40.16792	-120.374
96122	3883	2321	1.59E+08	29801	61.323	0.012	39.82551	-120.477
96123	48	40	5.3E+08	6582767	204.448	2.542	40.72819	-120.396
96124	326	273	1.49E+08	66889	57.686	0.026	39.64187	-120.445
96125	258	443	2.56E+08	1565297	98.919	0.604	39.60212	-120.636
96126	215	156	2.3E+08	2585003	88.708	0.998	39.52972	-120.454
96128	752	320	81364942	118545	31.415	0.046	40.35877	-120.408
96129	261	137	2.45E+08	41749	94.412	0.016	39.78927	-120.357
96130	23150	7286	1.24E+09	1.24E+08	479.894	47.755	40.55176	-120.676
96132	119	116	1.01E+09	5959955	388.397	2.301	40.91484	-120.402
96133	110	64	32925952	3359715	12.713	1.297	38.62096	-119.505
96134	2512	1189	8.59E+08	45174627	331.751	17.442	41.76732	-121.441
96135	128	80	86139723	0	33.259	0	39.80865	-120.206
96136	104	65	3.84E+08	1451002	148.133	0.56	40.34595	-120.081
96137	3297	3872	1.25E+08	386544	48.41	0.149	40.27073	-121.039
96140	1170	1640	12168154	516530	4.698	0.199	39.23203	-120.096
96141	744	1649	31061010	1148846	11.993	0.444	39.07755	-120.177
96142	1037	2105	52338483	5411074	20.208	2.089	38.99715	-120.13
96143	4414	3110	14252104	388672	5.503	0.15	39.25447	-120.022
96145	3161	4764	96405205	2367560	37.222	0.914	39.14022	-120.184
96146	1366	1726	54220865	59677	20.935	0.023	39.19805	-120.238
96148	788	677	3521562	272314	1.36	0.105	39.24827	-120.064
96150	29792	21720	3.2E+08	11633306	123.566	4.492	38.86994	-120.009

96155	8	88	95941522	76028	37.043	0.029	38.74707	-120.088
96161	18451	16285	4.71E+08	3972774	181.821	1.534	39.31309	-120.208
96701	40281	14008	48976810	2013446	18.91	0.777	21.40605	-157.885
96703	2368	899	48363962	4319406	18.673	1.668	22.14558	-159.386
96704	6505	2938	7.38E+08	57244575	284.961	22.102	19.33737	-155.837
96705	2319	784	7534555	1270446	2.909	0.491	21.89937	-159.568
96706	62730	18319	44376884	4695451	17.134	1.813	21.34476	-158.022
96707	38817	12461	1.12E+08	7860953	43.382	3.035	21.36311	-158.082
96708	10220	4394	2.52E+08	21125902	97.441	8.157	20.85239	-156.224
96710	613	275	99135322	1769025	38.276	0.683	19.84238	-155.248
96712	7352	3028	53651079	12294287	20.715	4.747	21.62137	-158.048
96713	1990	964	2.71E+08	12880789	104.529	4.973	20.73882	-156.045
96714	1390	959	2.03E+08	14765395	78.323	5.701	22.13124	-159.521
96716	2823	982	2.78E+08	3987969	107.464	1.54	22.04928	-159.592
96717	5555	1826	64414694	5999455	24.871	2.316	21.55775	-157.905
96719	1692	655	52869737	147154	20.413	0.057	20.23436	-155.836
96720	46165	17770	7.76E+08	17977677	299.526	6.941	19.65981	-155.232
96722	2484	2464	14329414	2812414	5.533	1.086	22.18809	-159.461
96725	3592	1469	2.03E+08	17384	78.404	0.007	19.62649	-155.91
96726	661	271	77674110	0	29.99	0	19.42818	-155.821
96727	4878	1857	3.26E+08	37663705	125.791	14.542	20.10994	-155.636
96728	610	253	9506021	862088	3.67	0.333	19.86118	-155.125
96729	1303	396	1.08E+08	26166708	41.803	10.103	21.17356	-157.117
96730	1541	617	2739038	1859827	1.058	0.718	21.54314	-157.85
96731	3292	1297	50247074	15654006	19.401	6.044	21.65869	-157.979
96732	24816	7638	25194958	4135920	9.728	1.597	20.88378	-156.463
96734	50746	16548	56282056	8182798	21.731	3.159	21.39508	-157.758
96737	4552	2450	3.33E+08	32409257	128.668	12.513	19.06452	-155.78
96738	6609	4421	2.32E+08	1458313	89.656	0.563	19.87314	-155.796
96740	33321	16843	6.12E+08	72949267	236.416	28.166	19.75682	-155.92
96741	5929	2370	71374541	562695	27.558	0.217	21.95829	-159.512
96742	90	113	31057797	14125746	11.991	5.454	21.17064	-156.959
96743	12160	5668	9.65E+08	36624637	372.514	14.141	19.86216	-155.699
96744	54247	17803	89310738	51711143	34.483	19.966	21.45173	-157.824
96746	18319	8134	1.33E+08	7669850	51.328	2.961	22.09196	-159.383
96747	749	219	6701950	53495	2.588	0.021	21.9263	-159.624
96748	4503	2159	3.18E+08	55564434	122.846	21.454	21.13108	-156.836
96749	17047	6645	1.63E+08	9936836	62.85	3.837	19.62128	-154.99
96750	3793	1466	4.83E+08	6313950	186.616	2.438	19.53404	-155.714
96751	175	69	999966	0	0.386	0	22.10497	-159.303
96752	3680	1382	10472052	1884507	4.043	0.728	21.97097	-159.715
96753	26892	18059	84273594	20075899	32.538	7.751	20.71196	-156.438
96754	4084	1706	1.07E+08	9914214	41.47	3.828	22.17743	-159.412
96755	3575	1384	1.5E+08	37661811	57.985	14.541	20.19691	-155.79
96756	5190	3247	63910818	9381316	24.676	3.622	21.90707	-159.452
96757	758	290	39793923	33174	15.365	0.013	21.15421	-156.974
96759	457	119	15433685	0	5.959	0	21.46741	-158.072

96760	3001	1335	44922274	0	17.345	0	19.55476	-155.056
96761	22156	11928	2E+08	36161690	77.261	13.962	20.8973	-156.614
96762	6419	1188	31223935	2163386	12.056	0.835	21.61848	-157.944
96763	3135	1545	3.65E+08	59344086	141.067	22.913	20.83648	-156.927
96764	799	357	1.15E+08	656179	44.305	0.253	19.91207	-155.277
96765	553	210	2759852	46226	1.066	0.018	21.92211	-159.492
96766	14683	5296	2.2E+08	13355593	84.902	5.157	21.99291	-159.402
96768	17668	6729	1.11E+08	232940	42.697	0.09	20.83226	-156.298
96769	464	185	1.94E+08	44941011	74.721	17.352	21.895	-160.152
96770	691	757	1.77E+08	33377433	68.45	12.887	21.13409	-157.216
96771	8339	3660	2.38E+08	7555	91.993	0.003	19.52387	-155.123
96772	2304	1089	8.35E+08	22393952	322.516	8.646	19.15588	-155.625
96773	210	105	90153110	7160687	34.808	2.765	19.88016	-155.239
96774	342	124	1.01E+08	3198	38.886	0.001	19.9642	-155.323
96776	1490	607	1.75E+08	16003467	67.445	6.179	19.99337	-155.4
96777	1479	575	4.51E+08	9584411	174.227	3.701	19.25195	-155.457
96778	14409	6685	6.97E+08	27417321	269.103	10.586	19.43894	-155.028
96779	3088	1292	20991444	8091312	8.105	3.124	20.90822	-156.383
96780	557	202	7722728	9570849	2.982	3.695	19.96976	-155.216
96781	1670	654	1.04E+08	3053946	40.301	1.179	19.78615	-155.218
96782	40496	12089	45534751	3005781	17.581	1.161	21.41737	-157.937
96783	2060	789	50575781	3795787	19.527	1.466	19.83083	-155.144
96785	2646	1776	6.72E+08	0	259.345	0	19.45373	-155.408
96786	40859	12842	2.12E+08	1035502	82.004	0.4	21.57139	-157.979
96789	54129	18650	70652605	402652	27.279	0.155	21.48253	-157.934
96790	8065	3664	5.89E+08	7123999	227.308	2.751	20.68586	-156.304
96791	8014	2776	96742107	8416282	37.352	3.25	21.56364	-158.185
96792	48519	13376	1.58E+08	35322154	60.951	13.638	21.46863	-158.167
96793	29549	10564	1.78E+08	15599478	68.689	6.023	20.89534	-156.53
96795	10034	2494	28915581	5242481	11.164	2.024	21.33501	-157.711
96796	1881	887	1.2E+08	11428476	46.181	4.413	22.09408	-159.72
96797	72289	19986	89107548	4591094	34.405	1.773	21.41747	-157.984
96813	22881	10542	8912089	644113	3.441	0.249	21.31655	-157.845
96814	18721	11187	3225550	1113494	1.245	0.43	21.29314	-157.849
96815	31470	22750	4963333	2299121	1.916	0.888	21.27346	-157.822
96816	49368	18914	25627960	1900247	9.895	0.734	21.29061	-157.788
96817	54628	20157	24046929	1214255	9.285	0.469	21.35548	-157.822
96818	50586	17313	29818831	9267901	11.513	3.578	21.34425	-157.94
96819	49492	12399	56684403	9484881	21.886	3.662	21.34793	-157.876
96821	19856	7295	29876667	1213739	11.535	0.469	21.31106	-157.75
96822	45007	19372	21239274	0	8.201	0	21.32021	-157.811
96825	30263	11592	29041291	5111407	11.213	1.974	21.29452	-157.689
96826	30842	15948	2761968	50029	1.066	0.019	21.29152	-157.827
96850	0	0	55919	0	0.022	0	21.30378	-157.863
96853	462	0	239916	0	0.093	0	21.33376	-157.939
96857	2522	0	1204623	0	0.465	0	21.48676	-158.052
96859	156	0	294633	0	0.114	0	21.36046	-157.891

96860	1124	3	866337	0	0.334	0	21.35566	-157.941
96863	52	0	73422	0	0.028	0	21.44845	-157.762
97001	229	76	7.7E+08	669869	297.418	0.259	44.99029	-120.604
97002	5623	2230	1.11E+08	1487175	42.763	0.574	45.24046	-122.794
97004	4388	1689	1.13E+08	71994	43.784	0.028	45.25496	-122.449
97005	24906	10955	13753498	0	5.31	0	45.49096	-122.804
97006	63036	25287	30429045	0	11.749	0	45.51702	-122.86
97007	66954	25553	69343741	0	26.774	0	45.45427	-122.88
97008	28969	12508	12842365	0	4.958	0	45.46019	-122.804
97009	7762	3030	79232040	281430	30.592	0.109	45.42299	-122.333
97011	582	343	15032314	0	5.804	0	45.38713	-122.026
97013	22688	8516	1.47E+08	1558598	56.842	0.602	45.22082	-122.668
97014	1288	573	93144802	358749	35.963	0.139	45.58289	-122.017
97015	19521	8124	22817427	96000	8.81	0.037	45.41352	-122.537
97016	6083	2873	5.97E+08	25379920	230.37	9.799	46.06031	-123.267
97017	2922	1090	1.12E+08	77786	43.41	0.03	45.17652	-122.39
97018	1952	837	2086801	1381903	0.806	0.534	45.89705	-122.811
97019	3161	1226	1.52E+08	638488	58.704	0.247	45.51563	-122.243
97020	791	303	370438	0	0.143	0	45.22295	-122.834
97021	1089	505	6.37E+08	1042660	245.843	0.403	45.38592	-121.142
97022	3722	1405	63943512	964353	24.689	0.372	45.34673	-122.32
97023	9832	3933	3.3E+08	2345079	127.499	0.905	45.27848	-122.323
97024	10242	4377	9067433	1734194	3.501	0.67	45.54662	-122.442
97026	3815	1094	92514022	1773995	35.72	0.685	45.10615	-122.96
97027	12131	5020	6560842	183870	2.533	0.071	45.38565	-122.593
97028	217	713	98452861	264043	38.013	0.102	45.28845	-121.807
97029	285	163	6.29E+08	1874977	242.76	0.724	45.28709	-120.802
97030	36693	15334	19544450	222891	7.546	0.086	45.50923	-122.434
97031	18375	7676	3.01E+08	11019934	116.149	4.255	45.6267	-121.55
97032	5043	1698	47422138	56483	18.31	0.022	45.17663	-122.784
97033	60	40	4.64E+08	3638938	179.187	1.405	45.28026	-120.596
97034	18905	8422	19030906	2080759	7.348	0.803	45.40935	-122.683
97035	23912	11320	15622261	266723	6.032	0.103	45.4135	-122.725
97037	849	574	1.41E+09	4593000	544.809	1.773	45.06705	-121.028
97038	15113	5680	3.24E+08	773654	125.028	0.299	45.09544	-122.559
97039	472	238	3.71E+08	881379	143.112	0.34	45.45156	-120.665
97040	1244	649	1.36E+08	3995629	52.425	1.543	45.61711	-121.388
97041	2817	1089	2.99E+08	87119	115.512	0.034	45.43625	-121.625
97042	2923	1149	58083275	85543	22.426	0.033	45.20515	-122.54
97045	51359	20525	2.24E+08	3123865	86.346	1.206	45.32028	-122.536
97048	6691	2902	2.16E+08	19564841	83.49	7.554	46.0448	-122.982
97049	1899	1853	3.98E+08	2118112	153.771	0.818	45.34637	-121.862
97050	272	150	19739692	10315757	7.622	3.983	45.67358	-120.782
97051	15957	6352	1.25E+08	2731200	48.232	1.055	45.87932	-122.95
97053	3247	1333	35787156	932409	13.817	0.36	45.82798	-122.883
97054	1579	657	1.24E+08	6045950	48.033	2.334	45.94224	-122.95
97055	17350	7000	3.05E+08	3097263	117.839	1.196	45.38879	-122.155

97056	11497	4845	2.53E+08	4462593	97.794	1.723	45.77205	-122.969
97057	36	24	1740878	0	0.672	0	45.00273	-120.75
97058	19838	8508	8.94E+08	20976920	345.256	8.099	45.53645	-121.155
97060	21226	7733	45615227	9658145	17.612	3.729	45.53133	-122.369
97062	27434	11033	35971436	58021	13.889	0.022	45.3693	-122.762
97063	1074	902	3.38E+08	1372141	130.364	0.53	45.2249	-121.301
97064	3464	1553	2.53E+08	130500	97.864	0.05	45.85909	-123.236
97065	676	327	6.5E+08	2692313	251.014	1.04	45.60764	-120.645
97067	2138	1480	1.13E+08	1514	43.686	0.001	45.29783	-122.054
97068	28305	11324	58185025	3371665	22.465	1.302	45.35235	-122.669
97070	20957	9078	49416053	1651834	19.08	0.638	45.30611	-122.773
97071	28803	9746	1.36E+08	403728	52.511	0.156	45.1342	-122.826
97080	40888	15415	55840534	441549	21.56	0.17	45.47831	-122.391
97086	26010	9984	27332885	0	10.553	0	45.44518	-122.528
97089	11986	4362	56370807	530754	21.765	0.205	45.4266	-122.443
97101	3794	1416	1.44E+08	195661	55.435	0.076	45.0902	-123.229
97102	205	429	16097941	6621921	6.215	2.557	45.79566	-123.96
97103	16859	8021	3.86E+08	21407590	148.85	8.266	46.13392	-123.711
97106	4550	1626	1.21E+08	67101	46.706	0.026	45.66573	-123.119
97107	1530	766	36293770	7372102	14.013	2.846	45.55252	-123.879
97108	490	256	1.98E+08	0	76.319	0	45.26888	-123.709
97109	577	215	84617192	0	32.671	0	45.73783	-123.181
97110	1284	1250	8576262	0	3.311	0	45.90104	-123.955
97111	3156	1227	1E+08	85750	38.791	0.033	45.28455	-123.195
97112	1901	1244	2.71E+08	7970147	104.813	3.077	45.27123	-123.868
97113	14155	4404	92025411	292055	35.531	0.113	45.49724	-123.044
97114	4762	1733	1.48E+08	2889586	57.292	1.116	45.18786	-123.077
97115	4139	1574	30768116	500682	11.88	0.193	45.27523	-123.039
97116	24104	9079	1.87E+08	475019	72.22	0.183	45.58083	-123.166
97117	679	271	91061074	16681	35.159	0.006	45.63145	-123.288
97118	775	523	2642657	1000102	1.02	0.386	45.56077	-123.911
97119	4420	1697	2.24E+08	3801802	86.586	1.468	45.46886	-123.2
97121	1383	630	10733640	2961151	4.144	1.143	46.17192	-123.952
97122	460	241	76538236	11079	29.552	0.004	45.16142	-123.826
97123	44537	15390	1.39E+08	131436	53.69	0.051	45.44016	-122.98
97124	48349	19977	1.12E+08	25217	43.081	0.01	45.56981	-122.95
97125	157	69	13530005	18299	5.224	0.007	45.67111	-123.197
97127	3740	1314	2288586	0	0.884	0	45.24613	-123.111
97128	36141	13987	2.77E+08	59584	106.869	0.023	45.21193	-123.282
97130	710	1412	8110803	7959783	3.132	3.073	45.70186	-123.926
97131	2498	1886	2.79E+08	3921286	107.794	1.514	45.7369	-123.817
97132	28278	10695	1.62E+08	1237461	62.416	0.478	45.32422	-122.987
97133	4000	1658	1.82E+08	46071	70.097	0.018	45.68611	-123.023
97134	175	399	1230981	3695335	0.475	1.427	45.45758	-123.977
97135	861	1219	11110484	11081001	4.29	4.278	45.22193	-123.963
97136	1761	2720	52966823	9591541	20.451	3.703	45.63059	-123.921
97137	1307	465	1.08E+08	3126081	41.762	1.207	45.21955	-122.948

97138	10021	7236	3.3E+08	3562158	127.531	1.375	45.84906	-123.572
97140	23474	8598	1.13E+08	17881	43.74	0.007	45.35312	-122.866
97141	13140	6495	5.76E+08	45410287	222.31	17.533	45.51074	-123.743
97144	195	83	36971896	0	14.275	0	45.74156	-123.3
97145	441	594	9220211	0	3.56	0	45.85115	-123.951
97146	5905	2803	55088190	53224308	21.27	20.55	46.1297	-123.946
97147	408	283	1881527	263061	0.726	0.102	45.68817	-123.881
97148	3406	1327	1.95E+08	198305	75.433	0.077	45.3584	-123.248
97149	574	881	66613653	9631313	25.72	3.719	45.11294	-123.939
97201	15484	9393	5265254	367581	2.033	0.142	45.50786	-122.691
97202	38762	18424	16386465	2650690	6.327	1.023	45.48274	-122.644
97203	31042	12153	23113522	4092335	8.924	1.58	45.60355	-122.738
97204	1036	448	643571	217662	0.248	0.084	45.51837	-122.674
97205	7688	5464	2528640	7527	0.976	0.003	45.52056	-122.71
97206	47596	20385	16907018	23617	6.528	0.009	45.48243	-122.599
97208	0	0	62888	0	0.024	0	45.52867	-122.679
97209	14950	11517	2708461	483809	1.046	0.187	45.53113	-122.684
97210	10887	6948	19527370	1910805	7.54	0.738	45.54419	-122.727
97211	31254	13035	18802223	5189683	7.26	2.004	45.58113	-122.637
97212	24126	10724	7069219	0	2.729	0	45.54424	-122.643
97213	29219	13773	10475765	3774	4.045	0.001	45.53819	-122.6
97214	23813	12548	7269426	127680	2.807	0.049	45.51467	-122.643
97215	16375	7559	5884275	77424	2.272	0.03	45.51512	-122.601
97216	15594	6583	6569247	0	2.536	0	45.51389	-122.558
97217	31438	14682	33471270	13720815	12.923	5.298	45.60182	-122.701
97218	14561	5797	18096964	230889	6.987	0.089	45.57629	-122.601
97219	38709	17086	30448880	674017	11.756	0.26	45.45423	-122.699
97220	28495	11800	18611500	136503	7.186	0.053	45.55002	-122.559
97221	11630	5213	11096367	10295	4.284	0.004	45.49828	-122.729
97222	34979	15908	21915588	697473	8.462	0.269	45.44095	-122.618
97223	46699	19380	29903830	17348	11.546	0.007	45.44029	-122.777
97224	31122	14188	22988207	0	8.876	0	45.4055	-122.795
97225	24176	11989	17094006	18325	6.6	0.007	45.50158	-122.77
97227	3847	1815	3472202	671982	1.341	0.259	45.54339	-122.678
97229	58217	23226	53252948	13523	20.561	0.005	45.55103	-122.809
97230	39752	15826	35935627	13387196	13.875	5.169	45.55776	-122.505
97231	4280	1963	1.67E+08	34089090	64.331	13.162	45.68763	-122.824
97232	11472	6569	4861503	73643	1.877	0.028	45.52893	-122.644
97233	39367	13877	11705514	45521	4.52	0.018	45.51512	-122.503
97236	36852	13145	20007686	49770	7.725	0.019	45.48289	-122.51
97239	14150	8046	9198334	521440	3.551	0.201	45.49244	-122.692
97266	33300	12545	15655677	54143	6.045	0.021	45.48296	-122.558
97267	30839	12918	18921221	585583	7.306	0.226	45.40843	-122.613
97301	53518	19686	29992208	374005	11.58	0.144	44.94878	-123.004
97302	37131	16749	61042906	1834305	23.569	0.708	44.90274	-123.062
97303	38663	15221	64592761	1692275	24.939	0.653	45.03035	-123.024
97304	28454	11777	1.44E+08	2729471	55.775	1.054	45.0066	-123.112

97305	40176	14570	1.24E+08	0	47.687	0	45.01434	-122.929
97306	27360	11448	86266502	1222663	33.308	0.472	44.8429	-123.095
97317	24355	8142	1.42E+08	0	54.966	0	44.9026	-122.907
97321	24928	10382	1.75E+08	4541732	67.67	1.754	44.65345	-123.14
97322	34039	14167	1.61E+08	1956831	62.331	0.756	44.62755	-123.018
97324	1126	609	4.56E+08	844974	176.003	0.326	44.36503	-123.623
97325	6614	2397	80396401	425811	31.041	0.164	44.83382	-122.852
97326	961	440	3.8E+08	176787	146.56	0.068	44.61948	-123.603
97327	2871	1218	1.81E+08	0	69.838	0	44.37504	-122.948
97329	90	77	91981050	0	35.514	0	44.41126	-122.385
97330	41472	18488	2E+08	814864	77.104	0.315	44.64249	-123.256
97331	2408	3	835604	0	0.323	0	44.5646	-123.28
97333	21377	9530	3.02E+08	3478971	116.507	1.343	44.46801	-123.294
97338	20045	8271	2.8E+08	406883	108.07	0.157	44.92682	-123.347
97341	2325	2190	18945144	1382367	7.315	0.534	44.80928	-124.051
97342	267	501	1.45E+08	1459163	56.095	0.563	44.73926	-121.879
97343	434	191	3.91E+08	86578	150.814	0.033	44.57526	-123.751
97344	1076	449	28608232	0	11.046	0	44.8691	-123.465
97345	574	276	98631672	790312	38.082	0.305	44.41157	-122.579
97346	883	443	79527807	36522	30.706	0.014	44.76876	-122.363
97347	1878	800	1.11E+08	0	43.032	0	45.07711	-123.656
97348	1625	598	1.71E+08	974618	66.06	0.376	44.38329	-123.122
97350	182	140	2.21E+08	390818	85.455	0.151	44.63151	-121.864
97351	10307	3811	1.36E+08	2987968	52.453	1.154	44.81668	-123.138
97352	5604	2112	1.13E+08	1924319	43.659	0.743	44.74865	-123.027
97355	28613	12100	5.41E+08	3307851	208.722	1.277	44.53238	-122.821
97357	253	127	42409749	25149	16.374	0.01	44.75267	-123.826
97358	2576	1229	1.84E+08	1128734	71.208	0.436	44.80404	-122.414
97360	2249	923	59173207	63807	22.847	0.025	44.76627	-122.499
97361	11258	4207	3.62E+08	92446	139.81	0.036	44.76702	-123.342
97362	4338	1633	61855849	92063	23.883	0.036	45.06344	-122.771
97364	446	285	811482	0	0.313	0	44.99886	-123.987
97365	10744	5800	1.1E+08	6827440	42.401	2.636	44.6664	-124.011
97366	1460	1027	26726259	2384123	10.319	0.921	44.57729	-124.054
97367	9416	7845	1.09E+08	2944567	42.221	1.137	44.91475	-123.974
97368	3435	1858	1.42E+08	3338240	54.938	1.289	45.02442	-123.903
97369	193	460	8031827	0	3.101	0	44.76154	-124.052
97370	8271	3357	3.76E+08	647791	145.103	0.25	44.56382	-123.445
97371	730	300	1.11E+08	240032	42.814	0.093	44.9907	-123.191
97373	178	0	308734	0	0.119	0	45.05698	-122.772
97374	5266	2069	3.31E+08	456256	127.659	0.176	44.6759	-122.778
97375	1252	498	1.22E+08	0	46.915	0	44.97732	-122.596
97376	1301	872	1.66E+08	661017	63.922	0.255	44.48739	-123.984
97377	917	355	1.24E+08	292588	47.863	0.113	44.46329	-123.106
97378	8882	2749	3E+08	186294	115.838	0.072	45.07069	-123.421
97380	2449	992	1.87E+08	40671	72.192	0.016	44.78602	-123.93
97381	14711	5741	2.82E+08	361156	108.82	0.139	44.93946	-122.721

97383	9587	3809	1.14E+08	1945550	44.01	0.751	44.79446	-122.722
97384	23	9	18834	0	0.007	0	44.79099	-122.619
97385	3257	1359	1.06E+08	71595	40.802	0.028	44.86585	-122.724
97386	13567	5672	3.28E+08	5104878	126.782	1.971	44.35971	-122.727
97388	888	1116	7069866	4711158	2.73	1.819	44.90351	-124.018
97389	1676	643	92344749	0	35.655	0	44.53348	-123.09
97390	555	491	2.86E+08	344284	110.233	0.133	44.30896	-123.828
97391	5344	2311	2.44E+08	6089327	94.204	2.351	44.62454	-123.898
97392	5191	2039	1.13E+08	1003949	43.498	0.388	44.79478	-122.929
97394	4643	3329	1.58E+08	5879079	61.064	2.27	44.43675	-123.92
97396	3154	1262	1.34E+08	189256	51.852	0.073	45.10399	-123.549
97401	40521	20211	23751176	58974	9.17	0.023	44.06799	-123.08
97402	50342	22044	1.79E+08	16695472	69.083	6.446	44.04774	-123.231
97403	11622	3979	11094495	0	4.284	0	44.03582	-123.053
97404	32255	13210	25097986	225218	9.69	0.087	44.1055	-123.133
97405	44645	20082	3.93E+08	970036	151.911	0.375	43.93956	-123.193
97406	105	110	3.06E+08	3411194	118.029	1.317	42.61586	-124.021
97408	11711	5164	1.29E+08	3436787	49.905	1.327	44.14355	-123.059
97410	759	389	3.22E+08	0	124.409	0	42.79894	-123.148
97411	6953	3915	3.48E+08	30904017	134.209	11.932	43.07564	-124.359
97412	521	344	2.19E+08	1309029	84.6	0.505	44.20493	-123.548
97413	915	784	1.4E+09	10449415	539.231	4.035	44.12478	-122.072
97414	273	138	70683373	381468	27.291	0.147	42.96155	-124.203
97415	14051	7434	3.85E+08	3850378	148.813	1.487	42.08439	-124.175
97416	937	402	1.39E+08	47911	53.497	0.018	43.03412	-123.687
97417	2439	1085	51924124	29582	20.048	0.011	42.94766	-123.231
97419	1066	489	75807504	3917	29.269	0.002	44.18095	-123.411
97420	27473	12905	6.16E+08	49062254	237.841	18.943	43.35096	-124.137
97423	6809	3121	3.29E+08	3602462	126.948	1.391	43.19374	-124.173
97424	17594	7505	5.96E+08	10015547	230.201	3.867	43.7296	-123.015
97426	9716	3955	2.08E+08	241589	80.372	0.093	43.89896	-123.03
97429	684	342	2.36E+08	0	91.061	0	42.9683	-123.064
97430	385	218	2.72E+08	0	104.923	0	44.17484	-123.705
97431	2335	987	1.08E+08	535198	41.719	0.207	43.86951	-122.842
97434	928	394	2.77E+08	2053862	107.001	0.793	43.62262	-122.717
97435	2349	1053	2.51E+08	56517	96.812	0.022	43.69018	-123.328
97436	841	445	2.54E+08	3662365	98.124	1.414	43.64002	-123.585
97437	2572	1035	57372938	4814003	22.152	1.859	44.09741	-123.392
97438	1191	491	2.69E+08	7796708	103.883	3.01	43.94424	-122.682
97439	14343	8851	4.57E+08	35560963	176.534	13.73	44.09067	-124.048
97441	260	166	40992542	25399805	15.827	9.807	43.77475	-124.157
97442	2232	1008	2.17E+08	93411	83.622	0.036	42.77152	-123.423
97443	2232	920	1.96E+08	366584	75.865	0.142	43.24833	-123.016
97444	5181	3168	4.23E+08	6396192	163.325	2.47	42.50611	-124.337
97446	4812	1850	3.16E+08	1878963	121.818	0.725	44.26073	-123.055
97447	794	558	3.07E+08	14632438	118.625	5.65	43.15525	-122.21
97448	12244	5190	3.7E+08	2847296	142.735	1.099	44.21116	-123.279

97449	1959	1417	1.16E+08	8506607	44.817	3.284	43.56337	-124.041
97450	671	407	2.16E+08	2206576	83.551	0.852	42.90594	-124.397
97451	387	183	1.06E+08	0	40.949	0	43.81523	-123.268
97452	1420	614	55827482	19431869	21.555	7.503	43.87415	-122.75
97453	897	521	2.83E+08	2041256	109.091	0.788	44.0028	-123.863
97454	1337	573	1.45E+08	0	56.083	0	44.22151	-122.822
97455	2538	1024	62194243	441923	24.013	0.171	43.96858	-122.92
97456	2985	1266	2.36E+08	943727	90.944	0.364	44.33925	-123.366
97457	10208	4440	4.21E+08	34598	162.397	0.013	43.06451	-123.229
97458	4733	2190	9.84E+08	3875372	380.087	1.496	43.04886	-124.009
97459	14096	6492	2.64E+08	41972738	102.019	16.206	43.48422	-124.183
97461	683	289	1.1E+08	32211	42.307	0.012	44.10853	-123.48
97462	3938	1786	5.35E+08	5997189	206.443	2.316	43.48997	-123.379
97463	3877	1931	1.1E+08	599054	42.566	0.231	43.74068	-122.387
97465	2145	1377	2.38E+08	2043240	91.792	0.789	42.76277	-124.342
97466	816	446	1.09E+08	447790	41.941	0.173	42.84891	-124.085
97467	5339	2897	6.58E+08	15796033	254.04	6.099	43.81595	-123.824
97469	2596	1137	1.29E+08	240125	49.616	0.093	42.91503	-123.437
97470	19985	9135	4.48E+08	3946218	172.958	1.524	43.25081	-123.242
97471	29100	12666	4.5E+08	5037277	173.888	1.945	43.21834	-123.488
97473	328	249	1.33E+08	9792810	51.273	3.781	43.67591	-123.853
97476	217	123	1.17E+08	656561	45.353	0.253	42.84223	-124.403
97477	36874	16047	32304566	566140	12.473	0.219	44.05847	-123.012
97478	37011	14675	4.21E+08	3663122	162.719	1.414	44.08921	-122.842
97479	9505	4302	1.65E+08	1390049	63.61	0.537	43.39035	-123.208
97480	379	203	1.8E+08	2507	69.507	0.001	44.12228	-123.825
97481	679	292	19175375	4096	7.404	0.002	43.11528	-123.566
97484	235	152	3.28E+08	0	126.719	0	42.94002	-122.85
97486	714	354	1.69E+08	3687269	65.358	1.424	43.38332	-123.532
97487	8449	3382	1.96E+08	13894753	75.732	5.365	43.98849	-123.388
97488	1011	606	2.67E+08	1557238	102.991	0.601	44.12864	-122.417
97489	868	434	41020039	598568	15.838	0.231	44.16472	-122.621
97490	326	155	2.68E+08	0	103.44	0	44.00414	-123.612
97492	597	296	58917399	223372	22.748	0.086	43.71833	-122.485
97493	323	233	1.41E+08	11932206	54.589	4.607	43.88959	-124.025
97494	49	18	2427984	0	0.937	0	43.3304	-123.328
97495	1450	718	19133281	879889	7.387	0.34	43.28187	-123.313
97496	7634	3281	2.26E+08	17603	87.317	0.007	43.06648	-123.473
97497	1523	737	3.81E+08	16205	147.139	0.006	42.66571	-123.425
97498	1814	1659	2.56E+08	8014820	98.96	3.095	44.28461	-124.023
97499	1957	908	3.45E+08	244130	133.058	0.094	43.59497	-123.248
97501	42117	17816	1.38E+08	136184	53.114	0.053	42.26597	-122.901
97502	27694	11316	2.45E+08	3061666	94.73	1.182	42.41486	-122.954
97503	10528	4058	2.16E+08	855569	83.366	0.33	42.60469	-122.924
97504	44444	19864	1.21E+08	59737	46.725	0.023	42.32798	-122.8
97520	24469	12614	7.99E+08	9863303	308.391	3.808	42.18123	-122.579
97522	658	297	2.35E+08	407037	90.574	0.157	42.57301	-122.532

97523	6264	3119	4.39E+08	435337	169.596	0.168	42.12309	-123.567
97524	14459	6115	8.02E+08	4193542	309.682	1.619	42.46746	-122.648
97525	4601	2179	2.57E+08	1480556	99.3	0.572	42.45072	-123.061
97526	34205	15422	3.65E+08	1761907	140.908	0.68	42.53565	-123.338
97527	33713	15365	6.14E+08	2457644	237.091	0.949	42.37114	-123.414
97530	6916	3516	9.38E+08	4250646	362.097	1.641	42.15215	-123.057
97531	522	238	6602358	39979	2.549	0.015	42.20027	-123.645
97532	2378	1114	1.54E+08	834670	59.59	0.322	42.57376	-123.521
97534	756	437	2.61E+08	35782	100.798	0.014	42.11898	-123.786
97535	5047	2291	8183868	0	3.16	0	42.26774	-122.811
97536	965	564	1.77E+08	309713	68.163	0.12	42.78191	-122.495
97537	6918	3339	3.08E+08	35591	118.913	0.014	42.54641	-123.138
97538	2063	1017	3.68E+08	558096	142.048	0.215	42.27111	-123.58
97539	3329	1671	56748241	533530	21.911	0.206	42.57584	-122.786
97540	7930	3653	1.08E+08	17888	41.767	0.007	42.19362	-122.818
97541	1478	760	5.24E+08	650431	202.152	0.251	42.72662	-122.738
97543	736	355	1.16E+08	0	44.937	0	42.37506	-123.562
97544	2206	1080	4.22E+08	89273	162.982	0.034	42.12958	-123.289
97601	22459	11139	1.44E+09	98325727	555.288	37.964	42.44279	-122.077
97603	29525	12962	8.05E+08	13317532	310.844	5.142	42.14089	-121.68
97604	28	40	1.92E+08	53434185	74.242	20.631	42.95389	-122.213
97620	111	92	1.61E+09	44016288	622.708	16.995	42.20418	-119.788
97621	320	270	3.35E+08	578652	129.47	0.223	42.46923	-121.294
97622	558	359	4.26E+08	937417	164.294	0.362	42.41973	-121.028
97623	2310	1073	9.59E+08	10320131	370.179	3.985	42.20184	-121.27
97624	3500	2109	1.18E+09	45056104	454.872	17.396	43.00405	-121.635
97625	199	87	1.41E+08	0	54.374	0	42.31477	-121.581
97626	88	106	1.69E+08	267417	65.165	0.103	42.66735	-122.028
97627	780	383	72189847	1238098	27.873	0.478	42.14034	-122.05
97630	5096	2495	2.11E+09	1.46E+08	814.914	56.495	42.31448	-120.366
97632	1466	563	1.11E+08	80070	42.842	0.031	42.03672	-121.435
97633	1361	572	76853653	773587	29.673	0.299	42.03414	-121.563
97634	212	90	1489723	0	0.575	0	42.1283	-121.815
97635	289	181	1.16E+08	118605	44.839	0.046	41.92999	-120.294
97636	387	230	4.89E+08	225770	188.809	0.087	42.61664	-120.514
97637	76	71	4.9E+08	36910817	189.167	14.251	42.70338	-119.89
97638	507	313	1.23E+09	390328	474.165	0.151	43.13888	-121.001
97639	570	349	2.12E+08	1134716	82.013	0.438	42.44778	-121.429
97640	99	120	1.29E+09	1.32E+08	498.388	50.846	42.84789	-120.663
97641	1313	897	1.64E+09	338740	633.562	0.131	43.26027	-120.514
97701	58993	27682	1.76E+09	13591186	678.902	5.248	44.11234	-121.206
97702	40583	18484	2.12E+08	571723	81.957	0.221	44.00063	-121.234
97707	5814	7495	1.51E+08	582918	58.414	0.225	43.82683	-121.491
97710	120	81	2.13E+09	331349	824.221	0.128	42.17418	-118.471
97711	61	49	6.67E+08	87235	257.576	0.034	44.70702	-120.671
97712	38	19	4.48E+08	58122	173.096	0.022	43.78945	-120.456
97720	4530	2316	2.68E+09	1.98E+08	1034.097	76.6	43.58517	-118.888

97721	271	183	4.38E+09	13494558	1691.569	5.21	42.52676	-118.445
97722	91	46	1.29E+09	3564540	499.538	1.376	42.94809	-118.716
97730	252	380	34284012	0	13.237	0	44.5023	-121.647
97731	278	177	1.26E+08	0	48.547	0	43.146	-121.797
97732	139	77	2.22E+08	139476	85.873	0.054	43.39729	-118.443
97733	770	1297	9.08E+08	35533929	350.491	13.72	43.37125	-122
97734	2786	1705	3.98E+08	8502489	153.481	3.283	44.54244	-121.336
97735	165	115	8.75E+08	0	337.682	0	43.41069	-120.926
97736	73	56	1.43E+09	1380648	551.102	0.533	42.74189	-119.007
97737	496	340	67155721	165564	25.929	0.064	43.49688	-121.744
97738	1941	906	1.9E+08	1921849	73.201	0.742	43.47767	-119.157
97739	11018	6319	5.38E+08	48859057	207.908	18.865	43.69466	-121.461
97741	11912	4862	9.08E+08	5702502	350.638	2.202	44.65645	-121.054
97750	386	229	9.93E+08	292357	383.529	0.113	44.65814	-120.197
97751	129	116	9.06E+08	305907	349.798	0.118	44.1455	-119.869
97752	44	44	3.95E+08	451263	152.343	0.174	44.14292	-120.254
97753	2016	1026	3.06E+08	612416	118.324	0.236	44.24051	-121.018
97754	18574	8919	3.13E+09	16243824	1209.791	6.272	44.15051	-120.57
97756	33554	15222	2.93E+08	141308	113.044	0.055	44.28333	-121.217
97758	101	87	1.5E+09	365404	580.417	0.141	43.33902	-119.872
97759	6294	4494	9.95E+08	7141673	384.046	2.757	44.49878	-121.9
97760	6757	3442	2.51E+08	549727	96.776	0.212	44.38447	-121.23
97761	3987	1051	9.71E+08	2944371	374.854	1.137	44.83853	-121.262
97801	21521	8739	1.27E+09	4518810	491.099	1.745	45.67105	-118.824
97810	815	359	5.22E+08	0	201.461	0	45.71398	-118.458
97812	851	472	1.23E+09	27931248	473.054	10.784	45.57511	-120.249
97813	1302	554	1.41E+08	0	54.587	0	45.85043	-118.528
97814	12382	6109	1.98E+09	12718877	764.867	4.911	44.8325	-117.759
97817	38	55	3.46E+08	825969	133.497	0.319	44.74341	-118.612
97818	4159	1354	2.05E+08	11125	79.1	0.004	45.78537	-119.89
97819	29	30	1.17E+08	0	45.071	0	44.48535	-117.76
97820	1095	598	8.77E+08	296533	338.507	0.114	44.07248	-119.473
97823	948	641	1.62E+09	3858461	626.026	1.49	45.23993	-120.217
97824	1661	732	5.66E+08	20851	218.603	0.008	45.35425	-117.756
97825	244	171	6.43E+08	32071	248.121	0.012	44.38513	-119.496
97826	1085	429	8.23E+08	57988	317.693	0.022	45.6643	-119.232
97827	2628	1299	5.33E+08	18202	205.95	0.007	45.57542	-117.838
97828	3124	1653	1.91E+09	91086	736.21	0.035	45.71676	-117.222
97830	748	473	1.55E+09	590010	599.521	0.228	44.96655	-120.183
97833	895	440	2.28E+08	0	88.09	0	44.92889	-118.015
97834	986	697	5.41E+08	624306	208.756	0.241	44.97235	-117.161
97835	361	145	4.87E+08	0	188.043	0	45.91001	-118.787
97836	1983	1163	2.4E+09	1225618	926.947	0.473	45.32059	-119.486
97837	95	66	3.11E+08	9485	120.162	0.004	44.55654	-118.067
97838	25346	9497	4.26E+08	27992156	164.568	10.808	45.85298	-119.287
97839	475	188	5.18E+08	0	200.007	0	45.59117	-119.593
97840	98	73	2.96E+08	10777783	114.2	4.161	44.88471	-116.918

97841	476	185	49834325	0	19.241	0	45.46512	-117.945
97842	153	139	1.8E+09	5517351	693.855	2.13	45.3978	-116.736
97843	647	307	9.15E+08	14910905	353.233	5.757	45.50232	-119.903
97844	3806	1393	1.07E+08	19684143	41.497	7.6	45.88415	-119.549
97845	2652	1341	1.68E+08	0	65.017	0	44.40182	-118.903
97846	1891	1358	1.95E+09	7512977	751.748	2.901	45.4627	-117.04
97848	195	117	4.9E+08	53512	189.311	0.021	44.72217	-119.58
97850	16955	7434	7.49E+08	1113610	289.315	0.43	45.30354	-118.113
97856	366	290	1.12E+09	18184	431.451	0.007	44.81521	-119.125
97857	457	250	6.98E+08	1077059	269.47	0.416	45.38444	-117.48
97859	123	158	2.07E+08	64805	80.103	0.025	45.53155	-118.403
97862	11666	4689	7.12E+08	47032	274.832	0.018	45.92206	-118.316
97864	262	179	8.45E+08	0	326.064	0	44.80547	-119.436
97865	1160	612	9.89E+08	29442	381.934	0.011	44.46147	-119.18
97867	763	365	3.53E+08	922641	136.145	0.356	45.07697	-117.988
97868	1991	880	1.14E+09	103091	442.057	0.04	45.4099	-118.855
97869	1135	623	8.9E+08	271459	343.556	0.105	44.39756	-118.634
97870	573	387	3.39E+08	11594330	130.791	4.477	44.78799	-117.187
97873	228	152	1.98E+08	0	76.457	0	44.13201	-119.003
97874	349	219	5.94E+08	0	229.219	0	44.77757	-119.868
97875	2610	973	1.62E+08	143302	62.698	0.055	45.81855	-119.133
97876	837	378	1.64E+08	0	63.307	0	45.51644	-118.036
97877	283	521	5.26E+08	132900	203.145	0.051	44.71357	-118.413
97880	272	272	8.11E+08	19696	313.155	0.008	45.08244	-118.892
97882	7760	2134	61072719	8058959	23.58	3.112	45.89748	-119.366
97883	2473	1098	6.91E+08	460799	266.812	0.178	45.19244	-117.634
97884	157	160	2.06E+08	4010388	79.546	1.548	44.45514	-118.225
97885	1383	700	7.81E+08	0	301.354	0	45.65567	-117.512
97886	1140	880	3.69E+08	167931	142.287	0.065	45.79291	-118.257
97901	692	309	2.58E+08	4119657	99.502	1.591	43.62145	-117.107
97903	109	76	3.09E+08	284336	119.414	0.11	44.24662	-117.649
97904	176	102	1.59E+09	2153250	615.744	0.831	43.88629	-118.522
97905	133	102	5.36E+08	0	206.997	0	44.57382	-117.46
97906	249	130	3.2E+09	792621	1235.406	0.306	43.53704	-117.775
97907	560	393	8.22E+08	15886665	317.187	6.134	44.4195	-117.346
97908	56	48	9.14E+08	2154761	352.839	0.832	44.31225	-117.928
97909	51	22	1.29E+08	0	49.819	0	44.24669	-117.419
97910	641	419	1.34E+10	35769653	5184.11	13.811	42.74908	-117.511
97911	109	78	1.81E+09	14897956	698.494	5.752	43.73648	-118.041
97913	5531	2103	1.78E+09	38381964	687.715	14.819	43.61359	-117.323
97914	19205	6620	6.63E+08	7113559	255.807	2.747	44.11362	-117.084
97918	4537	1829	1.11E+09	2893868	429.229	1.117	44.04004	-117.354
97920	60	28	1.2E+09	193816	463.745	0.075	44.07218	-117.854
98001	31911	11249	48144696	824774	18.589	0.318	47.3095	-122.264
98002	31647	13480	18530037	338922	7.154	0.131	47.30829	-122.217
98003	44151	18436	30089472	288168	11.618	0.111	47.30771	-122.316
98004	27946	16568	18200338	4178457	7.027	1.613	47.61834	-122.205

98005	17714	8070	19429635	18305	7.502	0.007	47.61453	-122.169
98006	36364	13891	27685306	1941389	10.689	0.75	47.55763	-122.151
98007	24889	10996	11341201	25498	4.379	0.01	47.61383	-122.144
98008	24411	9552	14250591	7369624	5.502	2.845	47.6058	-122.099
98010	5025	2017	38991722	2630485	15.055	1.016	47.31204	-122
98011	29212	12646	21201057	0	8.186	0	47.75334	-122.202
98012	51136	20580	39681392	41432	15.321	0.016	47.84117	-122.199
98014	6765	2631	1.17E+08	4626219	45.308	1.786	47.66045	-121.892
98019	10725	3907	1.98E+08	2115521	76.328	0.817	47.73433	-121.855
98020	18304	8794	13396283	2513786	5.172	0.971	47.80234	-122.374
98021	26722	10496	26276137	0	10.145	0	47.79252	-122.208
98022	20987	9179	1.05E+09	6351560	405.926	2.452	47.21637	-121.913
98023	47510	18026	26727719	3607159	10.32	1.393	47.31141	-122.363
98024	5650	2246	61945438	1348984	23.917	0.521	47.57342	-121.899
98026	35921	15039	24153199	2967939	9.326	1.146	47.84079	-122.333
98027	26141	11248	1.44E+08	2939416	55.79	1.135	47.49373	-121.999
98028	20419	8566	14667571	1856135	5.663	0.717	47.75568	-122.248
98029	24348	10222	23189927	42596	8.954	0.016	47.55709	-122.008
98030	33769	12739	18448814	220436	7.123	0.085	47.36852	-122.198
98031	36581	12846	19424908	256402	7.5	0.099	47.40548	-122.196
98032	33853	14451	43315933	761178	16.724	0.294	47.39194	-122.257
98033	34338	16615	24062601	4422742	9.291	1.708	47.67598	-122.194
98034	40407	17880	23633758	4377929	9.125	1.69	47.71577	-122.214
98036	36000	14359	25075706	34278	9.682	0.013	47.80971	-122.28
98037	26889	10647	14931093	0	5.765	0	47.83923	-122.285
98038	31171	11387	1.72E+08	1011079	66.489	0.39	47.41938	-121.958
98039	2971	1163	3737877	11129640	1.443	4.297	47.6317	-122.24
98040	22699	9930	16370442	17583045	6.321	6.789	47.56772	-122.233
98042	43673	15820	73577362	3128023	28.408	1.208	47.36774	-122.117
98043	19943	8615	10570552	275673	4.081	0.106	47.7912	-122.308
98045	13888	5536	8.73E+08	15652767	336.989	6.044	47.39032	-121.607
98047	6339	2322	6277098	74330	2.424	0.029	47.26177	-122.249
98050	322	133	8567888	797	3.308	0	47.54527	-121.939
98051	3270	1304	1.32E+08	1663208	51.097	0.642	47.34621	-121.881
98052	58442	25674	52053966	2151988	20.098	0.831	47.68099	-122.121
98053	18784	7652	73465062	461728	28.365	0.178	47.66931	-122.01
98055	21904	9498	12373996	249945	4.778	0.097	47.44698	-122.202
98056	32489	13746	19466244	4020104	7.516	1.552	47.51253	-122.19
98057	10613	6049	15780776	171884	6.093	0.066	47.47202	-122.222
98058	41938	16120	49037425	2139998	18.933	0.826	47.44274	-122.124
98059	34463	13004	51737366	147702	19.976	0.057	47.49968	-122.113
98065	12699	4556	1.92E+08	2249153	74.095	0.868	47.58422	-121.792
98068	403	894	6.88E+08	30965563	265.515	11.956	47.43192	-121.374
98070	10624	5552	95633751	33221105	36.924	12.827	47.4072	-122.473
98072	22312	9091	46958893	70284	18.131	0.027	47.76079	-122.131
98074	25748	8942	27654818	4010174	10.678	1.548	47.62254	-122.044
98075	20715	7005	24552292	4217658	9.48	1.628	47.58609	-122.037

98077	13585	4775	44819919	575692	17.305	0.222	47.75238	-122.06
98087	29976	12255	14418856	488086	5.567	0.188	47.86307	-122.267
98092	39816	14935	1.16E+08	1840608	44.632	0.711	47.29029	-122.127
98101	10238	9226	1344752	271084	0.519	0.105	47.6109	-122.336
98102	20756	14289	3396112	644264	1.311	0.249	47.63714	-122.322
98103	45911	24128	12005476	1705646	4.635	0.659	47.67826	-122.338
98104	13095	7711	2007034	252657	0.775	0.098	47.60188	-122.329
98105	43924	17161	10689306	6434743	4.127	2.484	47.65986	-122.285
98106	22873	9990	14236532	841740	5.497	0.325	47.54403	-122.35
98107	21147	12360	5704026	704217	2.202	0.272	47.66753	-122.378
98108	22374	8194	19384665	964749	7.484	0.372	47.53486	-122.306
98109	20715	13906	5178191	1079071	1.999	0.417	47.63186	-122.344
98110	23025	10584	71512405	29499450	27.611	11.39	47.64697	-122.535
98112	21077	10897	8187984	3833109	3.161	1.48	47.63281	-122.289
98115	46206	21623	17051603	5468537	6.584	2.111	47.68575	-122.282
98116	22241	11961	7657204	1880414	2.956	0.726	47.57393	-122.4
98117	31365	14213	10214490	1569166	3.944	0.606	47.68776	-122.385
98118	42731	16162	16178230	6840313	6.246	2.641	47.54025	-122.269
98119	21039	11592	6308526	1626237	2.436	0.628	47.63868	-122.371
98121	12628	10149	1141212	546001	0.441	0.211	47.61519	-122.351
98122	31454	17123	5992910	3155568	2.314	1.218	47.61105	-122.293
98125	37081	18677	13960901	3976391	5.39	1.535	47.71651	-122.296
98126	20698	9805	7963648	1777439	3.075	0.686	47.55565	-122.38
98133	44555	21903	18378984	178301	7.096	0.069	47.74048	-122.343
98134	644	236	8738521	1888144	3.374	0.729	47.5776	-122.338
98136	14770	7533	5954028	2163641	2.299	0.835	47.53646	-122.394
98144	26881	12660	8818482	4545367	3.405	1.755	47.58562	-122.292
98146	25922	10222	12045888	1761080	4.651	0.68	47.50006	-122.358
98148	10010	4588	8117264	0	3.134	0	47.4441	-122.325
98154	0	0	9147	0	0.004	0	47.60621	-122.334
98155	32778	13905	19604378	1713431	7.569	0.662	47.75441	-122.3
98158	0	0	5726911	0	2.211	0	47.44967	-122.308
98164	141	126	9165	0	0.004	0	47.60596	-122.332
98166	20301	8953	14685852	4037490	5.67	1.559	47.45158	-122.353
98168	33734	12541	23030102	426890	8.892	0.165	47.48957	-122.3
98174	0	0	9145	0	0.004	0	47.60457	-122.335
98177	19030	8078	14752872	3576381	5.696	1.381	47.74224	-122.377
98178	24092	9290	12564278	2636151	4.851	1.018	47.49939	-122.244
98188	23111	9959	19551348	755259	7.549	0.292	47.44734	-122.273
98195	0	0	183452	50845	0.071	0.02	47.64876	-122.308
98198	34584	14328	20167178	2323850	7.787	0.897	47.39132	-122.315
98199	19686	9810	10815353	3889313	4.176	1.502	47.65137	-122.407
98201	29582	13899	19365402	6934494	7.477	2.677	48.00631	-122.21
98203	34354	14245	27723263	2260897	10.704	0.873	47.94552	-122.231
98204	39380	17330	20779331	0	8.023	0	47.90136	-122.261
98205	12283	4599	49040504	6324341	18.935	2.442	47.9885	-122.15
98207	758	1	575949	210069	0.222	0.081	47.98772	-122.223

98208	51802	19792	41918895	587506	16.185	0.227	47.90178	-122.187
98220	634	276	52834909	245140	20.4	0.095	48.68495	-122.195
98221	20429	11005	1.37E+08	34329970	53.085	13.255	48.50503	-122.659
98222	33	166	17123093	16710879	6.611	6.452	48.56682	-122.818
98223	40815	16079	8.28E+08	4386628	319.618	1.694	48.21669	-121.952
98224	294	309	5.1E+08	9775389	197.087	3.774	47.59581	-121.471
98225	46172	20986	32513414	6412818	12.553	2.476	48.75409	-122.508
98226	41235	17623	2.78E+08	32559380	107.233	12.571	48.7986	-122.445
98229	30321	13600	1.27E+08	13232957	49.141	5.109	48.69613	-122.414
98230	15710	8802	1.13E+08	12450970	43.761	4.807	48.95398	-122.712
98232	3920	1792	1.39E+08	4959379	53.53	1.915	48.57055	-122.411
98233	14871	5897	87664372	682829	33.847	0.264	48.50095	-122.346
98235	103	45	79407	0	0.031	0	48.46251	-122.234
98236	5635	3430	59279796	25581824	22.888	9.877	47.94839	-122.413
98237	4025	2329	8.28E+08	36482282	319.58	14.086	48.56627	-121.689
98238	85	29	563363	0	0.218	0	48.33539	-122.345
98239	6646	3714	75803716	34548673	29.268	13.339	48.1965	-122.658
98240	3061	1157	53583344	57318	20.689	0.022	48.94823	-122.621
98241	2129	1024	1.06E+09	6553150	409.338	2.53	48.19167	-121.209
98243	507	607	13302672	26163547	5.136	10.102	48.60898	-123.004
98244	3001	2145	1.26E+09	12842172	488.033	4.958	48.83181	-121.934
98245	3651	2565	82864214	30830854	31.994	11.904	48.61966	-122.872
98247	9072	3282	1.65E+08	3040843	63.702	1.174	48.91188	-122.33
98248	22361	8739	1.83E+08	5975845	70.835	2.307	48.86442	-122.619
98249	4561	3097	41291160	22831539	15.943	8.815	48.01424	-122.543
98250	7664	5556	1.61E+08	1.18E+08	62.15	45.569	48.57328	-123.115
98251	4567	2174	3.95E+08	6501491	152.467	2.51	47.91232	-121.607
98252	8777	3736	6.92E+08	5334212	267.282	2.06	48.07256	-121.69
98253	1837	1470	32118442	15897676	12.401	6.138	48.0924	-122.577
98255	245	119	1349289	0	0.521	0	48.52212	-121.989
98256	420	454	2.19E+08	860036	84.5	0.332	47.82144	-121.406
98257	4134	2227	47486891	5659405	18.335	2.185	48.40603	-122.512
98258	30524	11341	74699782	4681283	28.842	1.807	48.0442	-122.077
98260	5278	3285	68456492	16909788	26.431	6.529	48.03323	-122.454
98261	2383	2410	77211492	63717718	29.812	24.602	48.48249	-122.884
98262	964	964	23949593	833670	9.247	0.322	48.67436	-122.647
98263	76	35	421041	238126	0.163	0.092	48.52372	-122.065
98264	18893	7254	1.48E+08	2562344	57.048	0.989	48.95025	-122.46
98266	3642	1655	62038225	735181	23.953	0.284	48.96397	-122.123
98267	534	477	9E+08	6103746	347.51	2.357	48.43762	-121.299
98270	45899	17093	37060532	442210	14.309	0.171	48.05672	-122.147
98271	27184	10496	1.21E+08	12881761	46.598	4.974	48.08997	-122.238
98272	27942	9398	2.83E+08	1992027	109.28	0.769	47.84859	-121.895
98273	28717	10954	2.18E+08	12472693	84.094	4.816	48.40275	-122.376
98274	16613	7377	3.65E+08	6752081	141.096	2.607	48.34877	-122.145
98275	20256	8548	19768770	2592435	7.633	1.001	47.91651	-122.303
98276	450	151	542593	0	0.209	0	48.9267	-122.326

98277	37823	16752	1.46E+08	38187570	56.421	14.744	48.31586	-122.629
98278	1065	1	13633654	3705621	5.264	1.431	48.33971	-122.672
98279	608	680	36329362	23798364	14.027	9.189	48.6389	-122.808
98280	480	444	18480114	3873387	7.135	1.496	48.608	-122.91
98281	1314	2068	12652231	4389799	4.885	1.695	48.99193	-123.051
98282	15661	8485	1.03E+08	43985950	39.762	16.983	48.21411	-122.5
98283	434	297	1.42E+09	69604505	547.903	26.874	48.80206	-121.26
98284	24331	10142	7.32E+08	17970539	282.578	6.938	48.54653	-122.123
98286	240	245	19964274	24225048	7.708	9.353	48.56881	-122.958
98288	333	515	5.48E+08	10860402	211.536	4.193	47.66155	-121.279
98290	32714	13141	3.07E+08	7381221	118.417	2.85	47.9556	-121.986
98292	20987	8779	1.93E+08	14631046	74.504	5.649	48.21679	-122.314
98294	6595	2568	1.55E+08	748480	60.005	0.289	47.87468	-121.754
98295	2409	989	74785340	385188	28.875	0.149	48.98136	-122.2
98296	27956	9814	88264899	1683406	34.079	0.65	47.83907	-122.101
98297	106	211	11703383	9005685	4.519	3.477	48.70206	-123.027
98303	1037	1025	20071339	35046095	7.75	13.531	47.15741	-122.694
98304	759	766	8.91E+08	10382845	344.06	4.009	46.88374	-121.737
98305	358	228	3.1E+08	2764631	119.854	1.067	48.06289	-124.439
98310	18703	9061	15439818	6921558	5.961	2.672	47.59196	-122.626
98311	25880	10305	28116579	9526971	10.856	3.678	47.6312	-122.631
98312	30203	14105	1.59E+08	15104140	61.455	5.832	47.58085	-122.784
98314	3329	28	1495426	2209121	0.577	0.853	47.55629	-122.637
98315	6054	1281	28766162	2962518	11.107	1.144	47.72455	-122.716
98320	1250	1384	2.53E+08	4379982	97.632	1.691	47.71854	-122.967
98321	15152	5534	93325269	1168628	36.033	0.451	47.15261	-122.072
98323	702	257	6.38E+08	3056856	246.377	1.18	47.04308	-121.828
98325	1848	871	77907774	603700	30.08	0.233	47.96665	-122.76
98326	1412	371	7.54E+08	32608375	291.223	12.59	48.17974	-124.412
98327	8267	3271	17788609	5712976	6.868	2.206	47.10237	-122.665
98328	10433	4329	5.49E+08	12793024	211.903	4.939	46.86589	-122.158
98329	10545	4240	66967775	14540323	25.856	5.614	47.36809	-122.726
98330	149	81	16907606	134033	6.528	0.052	46.77612	-122.169
98331	6261	2533	2.02E+09	1.25E+08	780.768	48.42	47.77735	-124.192
98332	15855	6494	54162176	8478824	20.912	3.274	47.3725	-122.596
98333	3633	1565	13514702	24930837	5.218	9.626	47.25243	-122.64
98335	24925	10477	57778439	26846825	22.308	10.366	47.29695	-122.624
98336	970	475	1.79E+08	80154	69.156	0.031	46.58224	-122.074
98337	6697	3436	2704468	1780445	1.044	0.687	47.56871	-122.632
98338	24098	9019	1.39E+08	876436	53.788	0.338	47.03432	-122.277
98339	3326	1645	14902871	2640384	5.754	1.019	48.02401	-122.749
98340	2537	1531	22516951	7536069	8.694	2.91	47.90771	-122.571
98342	1370	758	6208869	2121961	2.397	0.819	47.75533	-122.512
98345	554	264	1272139	458761	0.491	0.177	47.69862	-122.624
98346	9297	4089	71464150	13013821	27.592	5.025	47.82107	-122.526
98349	4614	2573	55159877	54104847	21.297	20.89	47.27282	-122.764
98350	460	159	8214634	243998	3.172	0.094	47.90633	-124.622

98351	1115	725	22137151	28461399	8.547	10.989	47.19964	-122.774
98353	4	4	2078858	3000894	0.803	1.159	47.53864	-122.493
98354	6976	3084	6237568	103929	2.408	0.04	47.25199	-122.317
98355	628	385	4.91E+08	2742115	189.695	1.059	46.70378	-122.04
98356	2149	1060	2.59E+08	17287327	100.049	6.675	46.56113	-122.29
98357	1414	563	1.1E+08	462073	42.473	0.178	48.33386	-124.635
98358	897	611	27655236	8913203	10.678	3.441	48.0638	-122.713
98359	4887	1982	36315365	3228804	14.021	1.247	47.43108	-122.575
98360	12221	4497	1.8E+08	3890012	69.493	1.502	47.04072	-122.145
98361	1158	1525	1.19E+09	7612728	458.558	2.939	46.53866	-121.505
98362	22230	10915	5.67E+08	175832	219.037	0.068	47.93094	-123.368
98363	13343	6564	1.64E+09	27831088	632.959	10.746	48.00274	-123.821
98364	45	23	779380	0	0.301	0	47.84711	-122.588
98365	4528	2961	96360969	13062460	37.205	5.043	47.88483	-122.701
98366	34258	14423	60023697	14335127	23.175	5.535	47.53605	-122.579
98367	27693	10814	2.08E+08	4010517	80.469	1.548	47.46126	-122.699
98368	14724	8417	1.38E+08	26654199	53.121	10.291	48.0344	-122.839
98370	29528	12638	1.46E+08	25589757	56.56	9.88	47.75403	-122.626
98371	20468	8867	29867982	198584	11.532	0.077	47.19945	-122.324
98372	22475	9756	35314275	344504	13.635	0.133	47.20565	-122.266
98373	22246	9178	24401165	63519	9.421	0.025	47.14508	-122.324
98374	37360	14074	41032501	383201	15.843	0.148	47.12908	-122.264
98375	26863	9270	25169192	4691	9.718	0.002	47.10378	-122.323
98376	1998	1329	3.03E+08	38761336	116.958	14.966	47.84684	-122.852
98377	1922	1157	5.51E+08	7884575	212.759	3.044	46.52484	-121.895
98380	4173	1915	1.09E+08	15043550	41.908	5.808	47.57861	-122.903
98381	371	297	1.74E+08	0	67.259	0	48.27368	-124.475
98382	26856	14501	4.45E+08	73303	171.696	0.028	48.01438	-123.078
98383	19727	8708	46551571	4025318	17.974	1.554	47.66247	-122.716
98385	459	185	1225463	33627	0.473	0.013	47.13616	-122.089
98387	43173	15384	73507041	983285	28.381	0.38	47.06096	-122.394
98388	7508	2867	23145675	30645173	8.937	11.832	47.20974	-122.684
98390	10461	4688	25032472	444332	9.665	0.172	47.20945	-122.227
98391	44309	16281	99908435	2613401	38.575	1.009	47.17709	-122.166
98392	2994	1367	4256226	856840	1.643	0.331	47.73228	-122.562
98394	1107	588	14363481	2529520	5.546	0.977	47.31056	-122.778
98396	662	239	35538591	61771	13.722	0.024	47.09477	-122.002
98402	6356	3933	2439379	560802	0.942	0.217	47.25016	-122.439
98403	7713	4569	2842069	0	1.097	0	47.26597	-122.459
98404	32086	11390	19720772	58547	7.614	0.023	47.20898	-122.412
98405	22851	10412	10676833	47321	4.122	0.018	47.24565	-122.472
98406	21610	10220	11053311	1054058	4.268	0.407	47.26411	-122.513
98407	19885	9427	14567007	4196701	5.624	1.62	47.29037	-122.518
98408	18830	7656	8757847	113481	3.381	0.044	47.1974	-122.447
98409	22989	9992	18412393	19161	7.109	0.007	47.21096	-122.482
98416	1014	50	269804	0	0.104	0	47.26252	-122.481
98418	10069	4279	4359597	0	1.683	0	47.22323	-122.447

98421	1308	27	17280014	4160149	6.672	1.606	47.26064	-122.4
98422	20151	7866	17298972	303026	6.679	0.117	47.2904	-122.393
98424	10140	4229	16337139	368362	6.308	0.142	47.23534	-122.354
98430	13	24	992075	255658	0.383	0.099	47.11784	-122.567
98433	14584	3654	51009435	3655033	19.695	1.411	47.11281	-122.589
98438	366	10	2204010	0	0.851	0	47.13163	-122.497
98439	4839	2024	22582097	18871	8.719	0.007	47.13257	-122.513
98443	5371	2216	13154267	105066	5.079	0.041	47.20778	-122.373
98444	33956	13520	17425684	134972	6.728	0.052	47.15304	-122.449
98445	29661	11403	26979260	0	10.417	0	47.13997	-122.41
98446	10173	4045	28470498	55859	10.993	0.022	47.13188	-122.376
98447	842	0	122035	0	0.047	0	47.1441	-122.443
98465	6340	3244	4304096	1722544	1.662	0.665	47.25176	-122.536
98466	26944	12169	15460766	2149972	5.969	0.83	47.22605	-122.539
98467	14728	6297	11896797	9213814	4.593	3.557	47.20328	-122.568
98498	27546	12330	22002787	2908964	8.495	1.123	47.15919	-122.553
98499	29750	13719	23852571	1671777	9.21	0.645	47.16869	-122.503
98501	38133	17048	89203449	3336872	34.442	1.288	46.9745	-122.876
98502	30491	13997	1.41E+08	43376343	54.368	16.748	47.08755	-123.022
98503	36611	15998	29227044	2501089	11.285	0.966	47.02203	-122.797
98506	18199	8432	57955564	19988717	22.377	7.718	47.10829	-122.871
98512	28130	12039	3.89E+08	4845429	150.258	1.871	46.975	-123.063
98513	31975	12755	1.53E+08	3393287	59.056	1.31	46.97703	-122.734
98516	20166	8481	74190979	35979290	28.645	13.892	47.10968	-122.794
98520	23814	9519	6.18E+08	74611918	238.777	28.808	47.20564	-123.754
98524	3232	1787	36969791	6102743	14.274	2.356	47.35479	-122.862
98526	398	236	2.25E+08	18145747	87.014	7.006	47.4542	-123.991
98527	324	230	25988400	33421089	10.034	12.904	46.58514	-123.925
98528	9983	5013	1.89E+08	33451257	72.978	12.916	47.44308	-122.901
98530	565	245	12908941	158630	4.984	0.061	46.79051	-122.824
98531	24121	10301	3.54E+08	3604903	136.632	1.392	46.73044	-122.903
98532	23596	9580	8.35E+08	2778310	322.543	1.073	46.62629	-123.053
98533	609	287	3.11E+08	571473	120.118	0.221	46.67073	-122.42
98535	445	392	26498905	3659648	10.231	1.413	47.10643	-124.138
98536	211	153	1.59E+08	1545847	61.387	0.597	47.19498	-124.104
98537	2129	938	5.01E+08	249399	193.535	0.096	46.8324	-123.597
98538	304	135	2.74E+08	387659	105.704	0.15	46.48277	-123.146
98541	10101	4434	5.48E+08	4547801	211.419	1.756	47.06075	-123.39
98542	656	284	35204952	0	13.593	0	46.5252	-122.791
98544	73	30	260229	0	0.1	0	46.73897	-123.027
98546	2909	2168	68581895	12998931	26.48	5.019	47.31987	-122.925
98547	1436	1560	1.58E+08	27274883	60.923	10.531	46.78395	-124.036
98548	2193	2224	3.56E+08	6545662	137.335	2.527	47.38295	-123.412
98550	11382	5184	5.55E+08	1.12E+08	214.105	43.287	47.09379	-123.926
98552	508	219	2.37E+08	2146752	91.675	0.829	47.31518	-123.924
98555	599	850	52820573	194950	20.394	0.075	47.53473	-123.061
98557	3225	1415	93393706	363313	36.06	0.14	47.04421	-123.268

98558	192	54	327359	29963	0.126	0.012	46.93394	-122.557
98559	93	34	40625	0	0.016	0	46.95882	-123.327
98560	142	60	1.49E+08	96337	57.63	0.037	47.30235	-123.426
98562	195	222	2542358	68180	0.982	0.026	47.23839	-124.2
98563	8001	3407	9.47E+08	15852662	365.632	6.121	47.1936	-123.615
98564	2459	1244	3.63E+08	24246406	140.211	9.362	46.44948	-122.42
98565	618	243	1603995	0	0.619	0	46.57832	-122.902
98568	2519	1058	3.9E+08	2250535	150.518	0.869	46.85481	-123.314
98569	5784	4998	37939902	61449322	14.649	23.726	46.99374	-124.137
98570	3889	1660	3.08E+08	91832	118.766	0.035	46.63071	-122.651
98571	483	447	22678197	2808096	8.756	1.084	47.19463	-124.171
98572	797	362	89608676	363560	34.598	0.14	46.54634	-123.314
98575	228	166	2.63E+08	1032502	101.471	0.399	47.41592	-123.803
98576	4667	1955	1.83E+08	2457367	70.611	0.949	46.83715	-122.638
98577	6338	2923	9.91E+08	25952383	382.699	10.02	46.64185	-123.61
98579	12870	5009	2.34E+08	1655819	90.488	0.639	46.7882	-123.125
98580	11099	4331	3.65E+08	5145674	140.841	1.987	46.99895	-122.522
98581	424	285	76099428	0	29.382	0	46.35787	-123.067
98582	611	301	18385643	469138	7.099	0.181	46.52368	-122.626
98583	124	47	283657	7477	0.11	0.003	47.00088	-123.487
98584	36630	16557	8.83E+08	93758883	341.002	36.201	47.23745	-123.146
98585	655	388	57419162	5326991	22.17	2.057	46.55072	-122.477
98586	1944	978	3.51E+08	1.02E+08	135.464	39.3	46.55144	-123.831
98587	942	313	74150653	8075884	28.63	3.118	47.30868	-124.202
98588	1829	1681	1.26E+08	2522027	48.821	0.974	47.45237	-123.02
98589	7320	3063	2.38E+08	4821862	92.008	1.862	46.83402	-122.816
98590	356	345	7980778	12070388	3.081	4.66	46.70787	-123.999
98591	3952	1710	2.99E+08	4010427	115.578	1.548	46.44102	-122.744
98592	1764	1249	45670104	4845676	17.633	1.871	47.3263	-123.082
98593	1113	477	34719238	110619	13.405	0.043	46.40268	-123.01
98595	2917	2083	14137875	8999831	5.459	3.475	46.88804	-124.113
98596	6524	2692	2.31E+08	468670	89.266	0.181	46.49226	-122.953
98597	21557	8649	2.89E+08	9599115	111.595	3.706	46.84443	-122.493
98601	2982	1109	1.77E+08	16569909	68.243	6.398	45.94344	-122.363
98602	200	122	1.45E+08	0	55.997	0	45.86711	-121.265
98603	1017	552	3.03E+08	13528046	116.804	5.223	46.05552	-122.415
98604	34232	11726	1.87E+08	137290	72.327	0.053	45.80575	-122.511
98605	1225	538	1.12E+08	6589628	43.226	2.544	45.77689	-121.665
98606	9027	3076	96898263	0	37.413	0	45.72974	-122.456
98607	27899	10177	1.22E+08	6963788	46.972	2.689	45.64223	-122.38
98610	2871	1383	9.52E+08	7669772	367.569	2.961	45.86589	-122.065
98611	9133	3760	3.23E+08	4431420	124.587	1.711	46.30514	-122.901
98612	2704	1391	1.96E+08	25677147	75.564	9.914	46.21568	-123.325
98613	400	176	2.39E+08	0	92.455	0	45.73672	-120.966
98614	353	202	73305884	8813383	28.304	3.403	46.29699	-123.909
98616	150	472	5.37E+08	25946762	207.438	10.018	46.19328	-122.133
98617	1042	458	28777996	1713782	11.111	0.662	45.64303	-121.167

98619	457	255	3.87E+08	136260	149.305	0.053	45.97588	-121.275
98620	7123	3515	1.26E+09	14992868	486.549	5.789	45.87445	-120.776
98621	276	133	1.09E+08	170887	42.024	0.066	46.37914	-123.541
98624	1532	924	87794909	58059369	33.898	22.417	46.35143	-123.992
98625	6133	2652	2.09E+08	4763003	80.521	1.839	46.03725	-122.733
98626	24523	10088	3.53E+08	2381711	136.455	0.92	46.17209	-122.774
98628	385	194	22971960	0	8.87	0	45.88785	-121.082
98629	8364	3038	1E+08	450193	38.667	0.174	45.8766	-122.619
98631	3243	3201	40236924	27904939	15.536	10.774	46.40477	-124.032
98632	49205	21383	3.34E+08	21162011	129.126	8.171	46.21069	-123.057
98635	1735	927	3.32E+08	5605875	128.281	2.164	45.74896	-121.184
98638	1525	705	4.37E+08	47861244	168.842	18.479	46.39405	-123.761
98639	847	418	33159189	408025	12.803	0.158	45.66991	-121.99
98640	4380	4939	52515964	1.14E+08	20.277	44.023	46.58272	-124.027
98641	5	13	106518	0	0.041	0	46.54642	-124.03
98642	15696	5991	1.48E+08	7740811	57.086	2.989	45.8077	-122.694
98643	362	219	94347859	11671039	36.428	4.506	46.29544	-123.62
98644	473	495	1823365	325123	0.704	0.126	46.32961	-124.057
98645	1429	657	38597644	6444103	14.903	2.488	46.33187	-122.76
98647	404	200	1.59E+08	7361115	61.202	2.842	46.31525	-123.401
98648	3100	1541	3.19E+08	23891280	123.181	9.224	45.70625	-121.956
98649	895	377	5.16E+08	105807	199.351	0.041	46.31414	-122.535
98650	959	528	2.13E+08	109640	82.195	0.042	45.94787	-121.541
98651	939	432	46239026	4718695	17.853	1.822	45.73992	-121.583
98660	11858	5552	38698053	22297016	14.941	8.609	45.679	-122.72
98661	41740	18556	27512147	1847074	10.622	0.713	45.64007	-122.625
98662	31644	12331	33338974	0	12.872	0	45.6885	-122.578
98663	14115	6197	11134084	70154	4.299	0.027	45.6574	-122.663
98664	21771	9487	13615216	771148	5.257	0.298	45.61951	-122.577
98665	24057	10045	20802164	240822	8.032	0.093	45.6795	-122.661
98670	113	71	66449222	0	25.656	0	45.85898	-121.141
98671	21220	8593	2.24E+08	16163054	86.304	6.241	45.61442	-122.238
98672	6146	2771	3.76E+08	3519062	145.329	1.359	45.83905	-121.452
98673	404	208	33643510	13213494	12.99	5.102	45.6562	-121.028
98674	12029	4606	2.15E+08	11775068	82.949	4.546	45.95127	-122.666
98675	6713	2052	3.06E+08	131064	118.062	0.051	45.82845	-122.343
98682	52893	18926	78100407	0	30.155	0	45.67321	-122.482
98683	30832	13684	18805420	1308285	7.261	0.505	45.60329	-122.51
98684	26968	10316	18064308	7161	6.975	0.003	45.63056	-122.515
98685	26217	9903	25188829	387897	9.725	0.15	45.71519	-122.693
98686	17385	6849	29788044	10880	11.501	0.004	45.72339	-122.624
98801	40977	16686	4.2E+08	9889594	162.324	3.818	47.42359	-120.337
98802	28719	11297	4.65E+08	8115822	179.455	3.134	47.48743	-120.179
98811	71	34	13423862	0	5.183	0	47.71384	-120.376
98812	4899	1775	6.87E+08	23112974	265.239	8.924	48.15315	-119.743
98813	3176	1084	3.06E+08	19059168	118.119	7.359	48.04068	-119.561
98814	466	351	3.88E+08	340655	149.953	0.132	48.20687	-120.159

98815	7233	2864	3.08E+08	896528	118.817	0.346	47.46058	-120.478
98816	6394	4676	1.03E+09	1.06E+08	396.623	41.096	48.00292	-120.34
98817	366	144	2544385	912460	0.982	0.352	47.79106	-119.994
98819	258	287	3.21E+08	2495709	123.749	0.964	48.61634	-119.821
98821	519	213	4754899	198324	1.836	0.077	47.54972	-120.559
98822	1953	999	1.13E+09	5582389	437.005	2.155	47.90193	-120.55
98823	11055	4576	7.72E+08	1247699	298.256	0.482	47.31201	-119.621
98824	181	82	990406	0	0.382	0	47.07779	-119.859
98826	6504	5598	2.63E+09	20723176	1015.956	8.001	47.78315	-120.843
98827	312	254	8.25E+08	11495832	318.61	4.439	48.86866	-119.771
98828	2146	817	1.47E+08	4200849	56.666	1.622	47.31008	-120.178
98829	564	274	1.78E+08	767839	68.844	0.296	48.29726	-119.806
98830	494	276	1.17E+09	7045708	450.581	2.72	47.89537	-119.523
98831	3708	2147	1.22E+08	19050001	46.941	7.355	47.95947	-120.103
98832	320	103	5.18E+08	522220	199.928	0.202	47.37163	-119.024
98833	150	360	5.22E+08	180217	201.592	0.07	48.77294	-120.64
98834	239	194	1.91E+08	62892	73.893	0.024	48.1203	-120.067
98836	584	225	19786083	157461	7.639	0.061	47.47567	-120.441
98837	39722	15479	1.25E+09	83125107	482.858	32.095	47.1499	-119.306
98840	4851	2145	1.08E+09	16015033	417.48	6.183	48.31513	-119.58
98841	9197	3866	9.94E+08	15598530	383.734	6.023	48.35965	-119.269
98843	1817	1224	1.7E+08	12802170	65.545	4.943	47.75679	-120.058
98844	4740	3038	8.56E+08	16498656	330.602	6.37	48.92728	-119.228
98845	128	71	1.8E+08	13938	69.546	0.005	47.43158	-119.939
98846	1173	603	2.31E+08	6566818	89.072	2.535	48.01488	-119.971
98847	1920	905	4.19E+08	454327	161.689	0.175	47.41982	-120.644
98848	11518	4958	1.17E+09	22124442	450.183	8.542	47.16864	-119.843
98849	1078	733	3.98E+08	2500306	153.509	0.965	48.54099	-119.41
98850	1543	596	58790268	7071904	22.699	2.73	47.30992	-120.076
98851	4014	2084	4.11E+08	11233329	158.862	4.337	47.4121	-119.44
98852	104	199	5.83E+08	21062060	225.04	8.132	48.23402	-120.556
98853	23	28	20248632	5466158	7.818	2.11	47.46001	-119.264
98855	5863	3400	1.66E+09	7023667	642.058	2.712	48.67451	-119.253
98856	2464	1587	1.17E+09	864578	453.412	0.334	48.34303	-120.264
98857	4082	1340	4.22E+08	5410856	162.916	2.089	46.98514	-119.053
98858	1521	708	1E+09	3723474	386.898	1.438	47.64942	-119.903
98859	238	249	3.48E+08	245917	134.416	0.095	48.79793	-118.956
98860	259	142	1.99E+08	59513	76.849	0.023	47.46196	-119.2
98862	2218	2072	1.16E+09	2481634	447.95	0.958	48.60273	-120.321
98901	30169	10287	3.02E+08	4369335	116.646	1.687	46.72263	-120.406
98902	46322	17714	23373808	273352	9.025	0.106	46.59667	-120.534
98903	14517	5648	7.49E+08	535943	289.206	0.207	46.54408	-121.022
98908	35240	14656	2.56E+08	669380	98.81	0.258	46.61521	-120.724
98921	516	118	326160	0	0.126	0	46.4311	-120.319
98922	5468	4639	1.16E+09	207111	447.18	0.08	47.26703	-120.879
98923	1434	464	15623478	0	6.032	0	46.66632	-120.718
98925	689	827	3.25E+08	9152908	125.556	3.534	47.25729	-121.271

98926	30239	12883	1.49E+09	5979438	577.033	2.309	47.0142	-120.459
98929	0	27	2996126	0	1.157	0	46.8817	-121.285
98930	15252	4503	1.23E+08	662912	47.523	0.256	46.2691	-119.892
98932	5032	1361	87507442	481103	33.787	0.186	46.33271	-120.156
98933	1267	365	62558521	0	24.154	0	46.40223	-120.631
98934	1117	489	2210185	0	0.853	0	46.98187	-120.415
98935	4190	1133	6.93E+08	3154409	267.726	1.218	46.13258	-120.086
98936	5872	1964	3.67E+08	961913	141.545	0.371	46.53821	-120.144
98937	4112	2478	2.03E+09	19182289	784.94	7.406	46.81112	-121.19
98938	2177	611	95672912	0	36.94	0	46.3882	-120.094
98939	167	52	738747	0	0.285	0	46.49685	-120.466
98940	760	1076	2.78E+08	19657910	107.255	7.59	47.47679	-121.08
98941	919	647	12531574	0	4.838	0	47.22321	-120.982
98942	16973	6471	4.88E+08	1343761	188.383	0.519	46.80134	-120.665
98943	660	342	2223598	19748	0.859	0.008	47.18458	-120.965
98944	22014	6415	1.5E+09	27334959	578.096	10.554	46.49763	-119.63
98946	495	229	47267202	231638	18.25	0.089	47.08029	-120.725
98947	2902	976	1.07E+08	0	41.25	0	46.68747	-120.802
98948	13225	3701	5.65E+08	296374	218.208	0.114	46.29797	-120.313
98950	177	73	60332577	21297341	23.295	8.223	46.89647	-119.988
98951	13739	3824	3.9E+08	454920	150.401	0.176	46.45603	-120.514
98952	2330	662	5.33E+08	180286	205.909	0.07	46.35621	-120.763
98953	6681	2359	1.63E+08	0	62.997	0	46.44229	-120.227
99001	6151	1742	18401954	0	7.105	0	47.63649	-117.586
99003	4848	2006	1.82E+08	181043	70.147	0.07	47.92021	-117.293
99004	18376	7522	8.7E+08	12520258	336.006	4.834	47.42006	-117.631
99005	8574	2974	1.03E+08	0	39.675	0	47.84426	-117.366
99006	11946	4765	4.76E+08	1213519	183.641	0.469	47.98412	-117.502
99008	641	287	3.36E+08	158055	129.742	0.061	47.50334	-117.933
99009	3947	1666	2.08E+08	3091509	80.208	1.194	48.02609	-117.252
99011	2776	858	16913880	0	6.53	0	47.61883	-117.648
99012	1064	416	2.46E+08	0	95.055	0	47.38204	-117.193
99013	1785	691	2.64E+08	9319637	102.116	3.598	47.89372	-117.831
99016	12480	4967	65287891	183196	25.208	0.071	47.59729	-117.121
99017	161	87	2.19E+08	1231814	84.714	0.476	47.18413	-117.887
99018	282	131	90604171	0	34.982	0	47.28979	-117.155
99019	9502	4153	56625159	3130452	21.863	1.209	47.64318	-117.076
99020	82	32	232804	0	0.09	0	47.5626	-117.497
99021	9174	3703	2.18E+08	0	84.151	0	47.84827	-117.19
99022	8820	3344	1.79E+08	4653443	68.985	1.797	47.59978	-117.709
99023	529	197	35338077	0	13.644	0	47.56108	-117.172
99025	5232	2127	1.15E+08	4931402	44.507	1.904	47.79386	-117.075
99026	9042	3564	1.84E+08	12617332	70.892	4.872	47.81135	-117.627
99027	6101	2524	39071861	345322	15.086	0.133	47.71013	-117.128
99029	1289	537	3.07E+08	761442	118.484	0.294	47.69384	-117.831
99030	1032	446	2.03E+08	0	78.393	0	47.48408	-117.11
99031	1137	473	1.84E+08	0	70.972	0	47.42349	-117.362

99032	691	351	5.63E+08	9274791	217.37	3.581	47.33025	-118.04
99033	895	421	97428649	0	37.617	0	47.23233	-117.099
99034	209	112	44505527	353780	17.184	0.137	47.87367	-117.751
99036	1448	568	1.06E+08	0	40.885	0	47.52529	-117.276
99037	12973	5028	16750927	79268	6.468	0.031	47.63578	-117.198
99039	87	47	11614539	0	4.484	0	47.34465	-117.266
99040	734	285	2.71E+08	3920546	104.715	1.514	47.89836	-118.004
99101	1453	628	2.84E+08	224984	109.504	0.087	48.32031	-117.921
99102	500	259	597769	0	0.231	0	46.79203	-117.25
99103	497	252	5.9E+08	96517	227.945	0.037	47.75601	-118.928
99105	61	37	3.13E+08	1329594	120.866	0.513	46.87299	-118.072
99109	5109	2454	7.26E+08	348807	280.151	0.135	48.29295	-117.699
99110	1667	622	97353510	0	37.588	0	48.01209	-117.576
99111	4047	1954	7.47E+08	6997113	288.516	2.702	46.83773	-117.421
99113	761	312	2.48E+08	7186622	95.786	2.775	46.59349	-117.19
99114	12018	5988	1.89E+09	6532253	728.53	2.522	48.6552	-117.736
99115	1143	882	1.08E+09	9772905	418.635	3.773	47.64683	-119.417
99116	1439	715	1.22E+08	10021458	46.974	3.869	48.03064	-118.927
99117	485	305	4.78E+08	729700	184.438	0.282	47.72207	-118.532
99118	931	497	5.1E+08	0	196.964	0	48.89654	-118.639
99119	1204	952	1.05E+09	18950833	405.114	7.317	48.50888	-117.316
99121	145	106	1.47E+08	27136	56.672	0.01	48.93699	-118.47
99122	3773	2187	1.47E+09	20443341	569.36	7.893	47.68785	-118.208
99123	1058	584	1.13E+08	1.06E+08	43.527	41.056	47.84578	-119.144
99124	240	114	559382	0	0.216	0	47.99994	-118.953
99125	527	307	6.04E+08	659509	233.015	0.255	46.93104	-117.765
99126	877	389	1.35E+08	470353	51.941	0.182	48.73136	-117.972
99128	321	167	2.21E+08	11495	85.512	0.004	47.09795	-117.081
99129	793	404	4.01E+08	31940806	154.935	12.332	48.01525	-118.193
99130	828	424	2.03E+08	0	78.397	0	46.99731	-117.184
99131	170	132	68735929	24014225	26.539	9.272	48.27741	-118.131
99133	1493	886	3.83E+08	25920632	147.937	10.008	48.02189	-119.085
99134	643	326	5.55E+08	1186480	214.478	0.458	47.3981	-118.278
99135	255	134	4.57E+08	24078	176.346	0.009	47.66481	-119.099
99136	29	22	51163094	0	19.754	0	46.67464	-117.956
99137	343	217	2.08E+08	99613	80.484	0.038	48.14795	-118.115
99138	1209	735	1.37E+09	80750388	527.97	31.178	48.20584	-118.396
99139	1301	822	5.3E+08	7158998	204.774	2.764	48.75295	-117.408
99140	475	228	1.01E+09	39471058	389.078	15.24	48.11141	-118.646
99141	5240	2722	1.37E+09	70463364	529.816	27.206	48.73699	-118.139
99143	650	364	8.03E+08	8633307	310.175	3.333	46.76554	-117.848
99144	43	18	87820793	0	33.908	0	47.37775	-118.504
99146	56	41	1.2E+08	0	46.504	0	48.95755	-118.298
99147	190	141	21199009	8193884	8.185	3.164	47.87372	-118.509
99148	2106	1771	1.5E+08	9189299	57.899	3.548	48.10047	-117.597
99149	208	121	6744865	0	2.604	0	47.21713	-117.464
99150	380	218	1.44E+08	18770	55.769	0.007	48.80448	-118.556

99151	164	72	314770	0	0.122	0	48.66447	-118.064
99152	197	115	12086183	989421	4.667	0.382	48.84457	-117.397
99153	467	347	8.89E+08	10039124	343.162	3.876	48.91109	-117.166
99154	20	9	47728271	0	18.428	0	47.38973	-118.366
99155	1350	443	7.89E+08	8424119	304.503	3.253	48.24906	-118.966
99156	8114	4608	8.47E+08	20255752	327.22	7.821	48.18585	-117.197
99157	697	435	1.9E+08	10620340	73.334	4.101	48.82084	-117.933
99158	603	286	2.35E+08	0	90.902	0	47.13027	-117.247
99159	1375	696	1.3E+09	6404368	501.946	2.473	47.32684	-118.766
99160	149	82	2.33E+08	0	89.974	0	48.83871	-118.306
99161	1400	653	1.92E+08	2631	74.263	0.001	46.90303	-117.139
99163	31404	12672	5.36E+08	1052518	206.999	0.406	46.73033	-117.218
99164	0	0	187184	0	0.072	0	46.73092	-117.153
99166	3222	1934	1.52E+09	4169556	586.938	1.61	48.57563	-118.664
99167	625	355	1.62E+08	7259721	62.366	2.803	48.41923	-118.121
99169	2459	1263	1.84E+09	3764800	709.879	1.454	47.1059	-118.34
99170	1072	521	4.71E+08	832260	181.959	0.321	47.23582	-117.394
99171	959	523	6.88E+08	9704417	265.758	3.747	47.09825	-117.654
99173	1532	722	3.38E+08	0	130.689	0	48.03697	-117.863
99174	44	26	348107	0	0.134	0	47.01056	-117.359
99176	145	82	98828996	0	38.158	0	47.08091	-117.424
99179	437	226	1.84E+08	4030337	70.891	1.556	46.49498	-117.126
99180	939	741	2.64E+08	6874693	101.949	2.654	48.29267	-117.342
99181	1901	1022	2.55E+08	2755890	98.623	1.064	48.14736	-117.787
99185	1295	739	6.98E+08	15233367	269.677	5.882	47.74943	-118.717
99201	13342	7858	7773515	480711	3.001	0.186	47.66347	-117.436
99202	21580	8159	15905932	253367	6.141	0.098	47.6575	-117.379
99203	20192	9335	12113205	29141	4.677	0.011	47.62864	-117.403
99204	6681	4301	2919952	0	1.127	0	47.64571	-117.427
99205	42137	18661	23202063	257469	8.958	0.099	47.69683	-117.445
99206	34802	14561	60620755	254064	23.406	0.098	47.6293	-117.255
99207	30854	13130	14110126	157219	5.448	0.061	47.68875	-117.387
99208	49193	20688	1.27E+08	274480	49.157	0.106	47.78211	-117.456
99212	19197	8700	31445036	353083	12.141	0.136	47.66471	-117.31
99216	24362	10906	34584382	282148	13.353	0.109	47.68568	-117.218
99217	17423	7306	1.32E+08	207690	51.022	0.08	47.7407	-117.262
99218	15531	6030	18938894	2941	7.312	0.001	47.75892	-117.409
99223	29273	12989	74148973	33887	28.629	0.013	47.58941	-117.345
99224	18289	8342	3.03E+08	943307	117.07	0.364	47.65241	-117.526
99301	68191	21697	1.2E+09	35605228	464.977	13.747	46.37905	-118.954
99320	9201	3505	3.6E+08	2841259	138.859	1.097	46.26589	-119.487
99321	531	150	95746219	6683052	36.968	2.58	46.87846	-119.909
99322	217	118	6.39E+08	0	246.847	0	45.94398	-120.181
99323	3684	1310	3.26E+08	20253630	125.902	7.82	46.19079	-118.873
99324	9202	3948	7898067	0	3.049	0	46.04258	-118.387
99326	4956	1184	7.07E+08	4011557	272.922	1.549	46.65008	-118.853
99328	3733	1924	1.66E+09	7107953	640.735	2.744	46.26337	-117.865

99329	160	73	4738265	0	1.829	0	46.15633	-118.145
99330	907	319	2E+08	0	77.052	0	46.48977	-119.043
99333	50	33	2.37E+08	5970966	91.437	2.305	46.68578	-118.173
99335	340	181	4.38E+08	8869750	169.277	3.425	46.6518	-118.488
99336	48753	19401	34570311	3599832	13.348	1.39	46.21405	-119.176
99337	29845	10808	4.07E+08	37731699	157.227	14.568	46.07322	-119.091
99338	11555	4095	1.72E+08	0	66.381	0	46.14786	-119.273
99341	884	413	1.04E+09	0	400.351	0	46.9129	-118.653
99343	3040	840	4.28E+08	7671981	165.404	2.962	46.59361	-119.18
99344	16817	5105	1.17E+09	11541744	453.512	4.456	46.82007	-119.178
99345	213	76	4.73E+08	57361225	182.668	22.147	45.95222	-119.708
99346	352	172	3.25E+08	12782510	125.652	4.935	45.99762	-119.299
99347	2293	1265	1.96E+09	22239588	756.892	8.587	46.42773	-117.565
99348	1364	512	1.35E+09	20237425	519.603	7.814	46.37712	-118.472
99349	8483	2430	6.95E+08	29598079	268.417	11.428	46.73119	-119.701
99350	12979	4475	1.48E+09	2205606	571.462	0.852	46.18329	-119.696
99352	26975	11586	54262092	8689165	20.951	3.355	46.25259	-119.288
99353	13306	4902	67479354	2292769	26.054	0.885	46.31381	-119.388
99354	21343	9384	52600932	214528	20.309	0.083	46.33161	-119.303
99356	294	136	6.49E+08	41655807	250.651	16.083	45.82475	-120.321
99357	4323	1227	6.02E+08	2568318	232.256	0.992	46.89131	-119.662
99359	158	114	2.16E+08	6902358	83.222	2.665	46.54325	-118.097
99360	1350	525	4.08E+08	0	157.42	0	46.09022	-118.663
99361	1902	862	5.79E+08	0	223.679	0	46.23655	-118.144
99362	41056	16264	8.3E+08	312763	320.623	0.121	46.10108	-118.314
99363	216	78	1.15E+08	34023825	44.535	13.137	46.06044	-118.884
99371	311	191	5.28E+08	563793	203.776	0.218	46.80012	-118.312
99401	273	209	5.69E+08	3393664	219.754	1.31	46.08722	-117.25
99402	1875	849	7.42E+08	4673794	286.457	1.805	46.19077	-117.127
99403	19548	8840	3.96E+08	3532732	152.887	1.364	46.36237	-117.283
99501	17603	8588	17980486	457589	6.942	0.177	61.22002	-149.856
99502	24168	9206	45702919	1555438	17.646	0.601	61.16364	-149.997
99503	14563	6667	53574058	15199	20.685	0.006	62.04395	-158.176
99504	40914	15642	16479886	102891	6.363	0.04	61.2046	-149.746
99505	6174	1239	59277940	23563	22.887	0.009	61.25685	-149.603
99506	7749	2043	45853625	676939	17.704	0.261	61.25346	-149.811
99507	37850	14475	56762865	33392	21.916	0.013	61.14766	-149.754
99508	35857	13489	17974797	211181	6.94	0.082	61.20141	-149.818
99510	353	1	3.93E+09	6.46E+08	1516.693	249.389	70.10189	-149.867
99513	0	0	36058	0	0.014	0	61.21477	-149.886
99515	22441	8282	27456152	219674	10.601	0.085	61.11638	-149.89
99516	20095	7114	1.11E+08	27199	42.965	0.011	61.07949	-149.71
99517	16645	7358	8508871	320033	3.285	0.124	61.19035	-149.939
99518	10225	4431	9781975	0	3.777	0	61.15958	-149.885
99519	1316	4	3.31E+10	2.42E+08	12797.32	93.516	69.21624	-146.787
99540	320	201	1.32E+08	153250	50.791	0.059	60.99057	-149.418
99546	326	500	36786059	264021	14.203	0.102	51.82944	-176.63

99547	61	43	22213781	978041	8.577	0.378	52.21309	-174.216
99548	73	48	22279164	8853379	8.602	3.418	56.2374	-158.752
99549	102	56	1.32E+08	4503436	50.903	1.739	56.96418	-158.581
99550	197	132	2.33E+08	7376312	90.15	2.848	57.90434	-153.043
99551	627	183	5859165	21925	2.262	0.008	60.90289	-161.422
99552	346	98	2615875	63649	1.01	0.025	60.90384	-161.229
99553	1027	44	35823298	251974	13.831	0.097	54.11736	-165.831
99554	677	185	55708758	25943182	21.509	10.017	62.71116	-164.645
99555	221	120	47404058	18166157	18.303	7.014	59.26812	-158.636
99556	2510	1638	9.17E+08	537771	354.066	0.208	59.89327	-151.512
99557	726	411	3.48E+10	3.22E+08	13430.99	124.448	61.42012	-156.044
99558	85	46	18324749	430538	7.075	0.166	62.63102	-160.214
99559	7632	2772	1.5E+08	15179457	57.759	5.861	60.81416	-161.851
99561	418	99	13886267	68273	5.362	0.026	60.15122	-164.251
99563	938	219	2562638	54922	0.989	0.021	61.53088	-165.597
99564	91	105	29494078	11617239	11.388	4.485	56.30467	-158.396
99565	78	66	35672336	35521754	13.773	13.715	56.30351	-158.501
99566	192	212	2.44E+10	5.7E+08	9409.956	220.015	61.27091	-142.606
99567	9211	3495	1.59E+09	50529129	615.813	19.509	61.27958	-148.875
99568	279	234	49997408	448612	19.304	0.173	60.20541	-151.408
99569	64	99	18644084	14242	7.199	0.005	58.80518	-158.53
99571	160	111	76206560	9150238	29.424	3.533	55.21558	-162.776
99572	296	397	3.59E+08	14586284	138.525	5.632	60.52988	-149.953
99573	1115	796	9.11E+09	2.97E+08	3517.519	114.626	61.71231	-145.952
99574	2348	1257	6.41E+09	7.69E+08	2473.344	296.733	60.894	-145.109
99575	105	47	2.59E+08	19617643	99.814	7.574	61.82412	-158.064
99576	2603	1360	2.14E+10	8.22E+08	8280.807	317.241	60.26111	-159.093
99577	25771	9130	5.56E+08	3633042	214.724	1.403	61.20158	-149.248
99578	296	101	2360326	271347	0.911	0.105	60.21405	-162.03
99579	109	196	67039712	67346405	25.884	26.003	58.20272	-157.409
99580	115	51	24135989	0	9.319	0	59.36554	-157.491
99581	762	213	16434206	3841427	6.345	1.483	62.78542	-164.552
99583	35	38	33061429	0	12.765	0	54.8901	-163.411
99585	417	109	1.28E+08	31106088	49.348	12.01	61.91871	-162.288
99586	605	585	5.02E+09	9534244	1936.767	3.681	62.82736	-143.433
99587	2250	1658	6.28E+08	20674188	242.309	7.982	60.96826	-148.956
99588	980	1201	5.3E+09	1.77E+08	2046.229	68.52	62.4349	-146.767
99589	243	82	7701527	0	2.974	0	59.12749	-161.569
99590	194	63	28332248	25835	10.939	0.01	62.89544	-160.112
99591	102	61	90002657	702991	34.75	0.271	56.57052	-169.599
99602	178	86	66896446	3373303	25.829	1.302	62.18701	-159.856
99603	9840	5662	2.77E+09	4.04E+08	1071.182	156.038	59.53868	-151.185
99604	1093	283	20425088	145330	7.886	0.056	61.53547	-166.122
99605	211	225	7.89E+08	80380827	304.677	31.035	60.81094	-149.534
99606	469	177	5.4E+08	13476709	208.363	5.203	59.8512	-154.556
99607	216	87	2.03E+09	2018024	785.549	0.779	61.74082	-159.968
99609	569	121	31290182	2702296	12.081	1.043	60.86406	-162.538

99610	2167	1343	2.4E+09	26215774	926.98	10.122	60.29989	-150.499
99611	15122	6880	8.45E+08	46106989	326.419	17.802	60.60052	-151.106
99612	938	229	30280355	4895281	11.691	1.89	55.06668	-162.289
99613	434	495	9.57E+09	7.85E+08	3695.682	303.21	58.96471	-155.814
99614	639	176	51773656	821796	19.99	0.317	59.94013	-164.067
99615	12899	4870	1.11E+10	1.68E+09	4267.619	647.751	57.61321	-153.404
99620	577	148	5959864	1809331	2.301	0.699	63.02888	-163.536
99621	723	221	24626594	2614458	9.508	1.009	60.79107	-161.427
99622	321	106	39878079	226611	15.397	0.087	59.86344	-163.193
99624	90	69	39561920	1.1E+08	15.275	42.514	57.58768	-153.913
99625	72	51	2.06E+09	0	797.14	0	59.29026	-156.652
99626	282	80	2389969	0	0.923	0	61.51697	-160.365
99627	406	293	1.04E+10	17207601	4028.579	6.644	63.606	-154.785
99628	443	236	3.8E+09	2.03E+08	1467.466	78.478	58.95786	-159.212
99630	191	86	16491475	1598923	6.367	0.617	60.37073	-166.267
99631	228	165	1.1E+09	38032321	425.69	14.684	60.60874	-149.459
99632	813	211	65089576	0	25.131	0	62.11234	-163.664
99633	544	460	2.11E+08	9362065	81.55	3.615	58.79857	-156.905
99634	354	112	10100980	1974433	3.9	0.762	60.6829	-161.999
99636	510	130	54239711	0	20.942	0	59.48816	-157.291
99637	590	135	78156517	76341	30.176	0.029	60.5522	-165.108
99638	18	23	49689462	1896270	19.185	0.732	52.8975	-168.944
99639	1131	1213	5.71E+08	81222	220.619	0.031	60.06225	-151.404
99640	174	155	7.88E+09	1.74E+08	3040.592	67.141	60.00257	-155.391
99641	496	132	11551935	862465	4.46	0.333	60.88027	-162.46
99643	218	105	53174969	5491745	20.531	2.12	57.22004	-153.33
99644	175	113	42214839	6963391	16.299	2.689	57.91027	-152.383
99645	25176	9503	1.14E+09	60882045	441.329	23.507	61.6245	-148.98
99647	44	40	5.66E+08	27665616	218.608	10.682	59.87927	-154.072
99648	113	50	28892565	22288826	11.155	8.606	55.93019	-159.146
99649	80	87	2.62E+08	56123625	101.153	21.669	57.50044	-157.281
99650	568	137	4382289	6240	1.692	0.002	61.94665	-162.878
99651	61	22	51419042	109433	19.853	0.042	59.00069	-161.688
99652	3703	2928	3.01E+08	32750374	116.187	12.645	61.53384	-149.974
99653	159	74	58650530	55898280	22.645	21.582	60.1984	-154.275
99654	52168	20169	1.29E+09	50700291	497.865	19.575	61.44911	-149.901
99655	669	186	6926510	65000	2.674	0.025	59.74144	-161.887
99656	25	28	1.79E+08	19940402	68.929	7.699	61.93666	-157.615
99657	329	116	2.11E+09	2.35E+08	813.106	90.768	61.72821	-161.67
99658	616	243	1.07E+08	913652	41.411	0.353	62.09115	-163.242
99659	401	116	46064543	1019739	17.786	0.394	63.46485	-162.129
99660	479	190	1.04E+08	6911205	39.977	2.668	57.17904	-170.325
99661	978	292	4.61E+08	830771	177.864	0.321	55.24731	-160.685
99662	480	105	18512059	0	7.148	0	61.79182	-165.962
99663	414	394	2.97E+08	11812738	114.552	4.561	59.40119	-151.625
99664	4932	2357	6.65E+09	1.48E+09	2566.678	572.643	60.07637	-149.493
99665	83	53	5011107	75060	1.935	0.029	62.64623	-159.53

99666	189	47	2.21E+08	11319526	85.213	4.37	62.44063	-165.146
99667	65	752	1.21E+10	70952615	4661.677	27.395	61.80635	-151.743
99668	86	49	37270570	6201407	14.39	2.394	61.68245	-157.158
99669	14191	7195	6.28E+08	16475881	242.385	6.361	60.36022	-151.018
99670	79	132	2.68E+08	15451849	103.485	5.966	58.65813	-157.012
99671	556	153	68930232	6068237	26.614	2.343	63.47235	-162.262
99672	3704	2468	7.39E+08	23486454	285.3	9.068	60.75273	-150.63
99674	1444	993	2.89E+09	27131982	1115.303	10.476	61.73917	-148.22
99676	1546	1706	2.61E+09	41331656	1009.438	15.958	62.44896	-149.791
99677	88	75	18808312	2661015	7.262	1.027	60.89795	-146.68
99678	891	344	5.77E+09	1.37E+08	2226.838	52.774	59.6201	-159.892
99679	373	99	3971621	298885	1.533	0.115	61.10427	-160.938
99680	408	106	3E+08	694433	115.945	0.268	60.41229	-162.669
99681	325	89	85705001	275769	33.091	0.106	60.60799	-165.121
99682	373	307	1.63E+10	4.26E+08	6299.626	164.366	60.60794	-152.887
99683	524	774	6.94E+09	65273176	2678.951	25.202	62.51506	-151.029
99684	688	344	1.77E+09	14656348	685.234	5.659	63.98931	-160.395
99685	4224	1001	1.54E+08	21194201	59.33	8.183	53.8718	-166.483
99686	4005	1839	8.18E+09	1.32E+09	3158.942	509.105	61.15008	-146.81
99688	2759	2883	4.15E+09	37358145	1602.213	14.424	61.93318	-149.96
99689	662	387	5.32E+08	67195237	205.57	25.944	59.48541	-139.42
99690	280	61	2.51E+08	11658	96.891	0.005	60.52372	-164.833
99691	95	60	3.99E+09	19189567	1539.397	7.409	62.81768	-153.375
99692	152	105	698071	0	0.27	0	53.88581	-166.538
99693	248	308	3.12E+08	2.15E+08	120.63	82.889	60.85056	-148.034
99694	1512	799	52372190	2968964	20.221	1.146	61.6241	-149.785
99695	7	12	10860665	0	4.193	0	55.9182	-159.493
99701	19019	9032	1.11E+10	37168918	4270.755	14.351	67.09455	-149.336
99702	2647	848	41797370	1157357	16.138	0.447	64.65062	-147.052
99703	7065	1676	22690714	872224	8.761	0.337	64.83262	-147.623
99704	24	0	2494462	38393	0.963	0.015	64.29615	-149.15
99705	22544	8866	2.78E+08	12573297	107.149	4.855	64.76183	-147.314
99706	13	19	1.73E+08	22218818	66.761	8.579	64.01046	-144.679
99709	29830	13631	1.31E+09	20571422	507.242	7.943	64.8772	-148.149
99712	13866	6293	9.14E+09	3820571	3529.043	1.475	64.99786	-146.147
99714	1385	1260	9.02E+08	70753549	348.356	27.318	64.3845	-146.554
99720	208	97	1.13E+08	4925195	43.641	1.902	66.56398	-152.768
99721	324	118	12521157	139516	4.834	0.054	68.15179	-151.7
99722	152	85	30974104	5783506	11.959	2.233	68.09194	-145.604
99723	4213	1554	53780612	10050638	20.765	3.881	71.25408	-156.799
99724	84	56	52461849	2092519	20.256	0.808	66.39058	-147.338
99726	30	55	5.95E+09	80918146	2296.36	31.243	67.34256	-152.391
99727	416	101	1424507	0	0.55	0	65.97591	-161.139
99729	231	240	1.54E+09	10149141	595.156	3.919	63.00617	-149.401
99730	144	250	1.94E+10	37300353	7494.123	14.402	65.62817	-145.415
99732	10	26	8.48E+08	0	327.227	0	64.07175	-142.008
99733	104	52	2.77E+08	1398598	106.936	0.54	65.83896	-144.18

99734	845	0	5.21E+08	3.14E+08	201.281	121.168	70.42821	-149.288
99736	122	61	4311279	29189	1.665	0.011	66.08503	-162.762
99737	5011	2678	1.11E+10	2.29E+08	4292.599	88.293	63.78987	-145.312
99738	187	280	1.86E+10	1.52E+08	7175.9	58.823	65.63632	-141.882
99739	330	132	3.51E+09	26903731	1354.914	10.388	65.0589	-162.563
99740	585	345	2.36E+10	5.47E+08	9111.63	211.04	67.87464	-144.597
99741	470	264	45896456	16770294	17.721	6.475	64.73615	-156.873
99742	681	200	28230083	50385909	10.9	19.454	63.7772	-171.726
99743	1069	864	1.39E+10	9448444	5377.144	3.648	63.68273	-150.027
99744	226	147	85862692	7244561	33.152	2.797	64.30963	-149.163
99745	78	41	10212134	2934837	3.943	1.133	66.04929	-154.233
99746	277	124	1.99E+10	1.62E+08	7681.042	62.431	65.60033	-158.19
99747	239	87	15524482	651337	5.994	0.251	70.11839	-143.687
99748	190	87	47283266	27882	18.256	0.011	64.34629	-158.771
99749	363	150	2865627	0	1.106	0	66.97843	-160.432
99750	374	99	482226	982322	0.186	0.379	67.72864	-164.543
99751	151	41	14961761	128694	5.777	0.05	66.92269	-156.875
99752	3553	1342	1.03E+10	2.48E+09	3964.037	956.21	67.26312	-161.919
99753	332	99	12350345	0	4.768	0	64.93961	-161.151
99754	96	54	14511944	290257	5.603	0.112	64.90228	-157.694
99755	217	447	1.01E+09	624910	390.413	0.241	63.78493	-148.521
99756	119	260	2.33E+10	2.25E+08	8979.035	86.994	64.5652	-151.752
99757	17	48	2.22E+09	69766054	856.146	26.937	63.80622	-152.692
99758	210	94	7833799	0	3.025	0	65.15178	-149.372
99759	189	70	66660123	31035893	25.738	11.983	69.73192	-162.916
99760	785	520	6.84E+09	76530407	2640.909	29.549	64.25054	-148.128
99761	514	114	41348262	319224	15.965	0.123	67.62099	-163.058
99762	4038	1967	5.47E+09	1.91E+08	2112.486	73.784	64.8628	-164.56
99763	668	171	2273742	121297	0.878	0.047	66.82718	-161.029
99764	290	153	6.73E+09	15792674	2599.763	6.098	63.29176	-141.454
99765	264	134	17723078	0	6.843	0	64.72932	-158.132
99766	678	222	6.2E+09	1.17E+08	2392.084	45.355	68.7026	-164.807
99767	24	37	5263013	0	2.032	0	65.50217	-150.151
99768	175	150	1.25E+10	2.87E+08	4841.124	110.969	65.03303	-154.913
99769	671	185	15787377	68850	6.096	0.027	63.6807	-170.487
99770	841	217	2.28E+09	1.13E+08	878.699	43.495	66.74627	-159.511
99771	251	70	2697572	120064	1.042	0.046	64.36492	-161.208
99772	567	215	9.26E+09	9.84E+08	3576.326	379.781	66.00347	-165.911
99773	262	73	15509532	144162	5.988	0.056	66.88764	-157.165
99774	78	52	31025481	8815523	11.979	3.404	66.02359	-149.082
99775	1251	166	300291	0	0.116	0	64.85813	-147.825
99776	124	68	56967121	3082814	21.995	1.19	63.39518	-143.402
99777	246	136	62781242	87101	24.24	0.034	65.20311	-152.096
99778	254	91	8.48E+08	86958926	327.583	33.575	65.05899	-166.43
99780	1535	874	3.16E+09	68240820	1221.277	26.348	63.18153	-143.102
99781	167	90	4.77E+09	67930612	1841.123	26.228	67.28831	-146.24
99782	556	179	46461393	9326706	17.939	3.601	70.64592	-159.894

99783	145	51	62316719	751	24.061	0	65.67658	-168.08
99784	190	79	1773108	515714	0.685	0.199	64.68172	-163.406
99785	388	103	6415592	10555	2.477	0.004	65.34392	-166.508
99786	259	130	1.78E+10	1.55E+08	6876.445	59.948	67.08948	-156.154
99788	69	67	21965885	1357328	8.481	0.524	66.64669	-143.799
99789	402	138	2.41E+09	6389348	930.647	2.467	70.00159	-151.935
99790	20	35	9.98E+08	1247839	385.227	0.482	65.39018	-148.327
99791	237	72	2.18E+09	29388967	841.363	11.347	70.46796	-156.792
99801	29164	11998	5.68E+09	7.87E+08	2193.42	303.778	58.3727	-134.179
99820	479	351	2.43E+09	1.52E+08	939.37	58.514	57.40931	-134.178
99824	2111	1049	4472894	1034898	1.727	0.4	58.26476	-134.401
99825	120	107	9.45E+08	1.01E+08	364.752	39.091	58.15999	-135.736
99826	442	488	8.42E+09	4.49E+08	3250.52	173.291	58.70274	-136.749
99827	2602	1677	4.45E+09	2E+08	1718.947	77.091	59.09991	-135.578
99829	777	416	19248519	3075409	7.432	1.187	58.10617	-135.404
99830	561	293	7.04E+08	4.21E+08	271.676	162.552	56.80184	-134.123
99832	104	117	4.81E+08	1.34E+08	185.723	51.886	57.97411	-136.103
99833	3202	1637	6.95E+09	1.73E+09	2683.002	666.966	56.92568	-133.117
99835	8880	4085	4.18E+09	9.57E+08	1614.992	369.322	57.00041	-135.079
99836	52	64	8976005	849893	3.466	0.328	56.23522	-134.653
99840	968	636	1.17E+09	30331334	452.325	11.711	59.5751	-135.335
99841	133	181	36970597	0	14.274	0	57.7943	-135.184
99901	13508	6161	1.24E+10	1.54E+09	4798.528	596.449	55.54041	-131.105
99903	31	69	4.02E+08	55179888	155.033	21.305	55.81843	-132.066
99918	231	223	95158906	12558100	36.741	4.849	55.91687	-132.696
99919	531	409	1.25E+08	18391294	48.371	7.101	55.645	-132.496
99921	1920	1077	5.28E+09	1.13E+09	2040.536	437.16	55.40703	-132.766
99922	384	140	2.98E+08	20900555	114.916	8.07	55.30753	-133.047
99923	87	90	35937519	2117	13.876	0.001	56.00232	-130.041
99925	819	400	1.45E+08	36906383	55.793	14.25	55.5502	-132.946
99926	1460	544	3.44E+08	2.13E+08	132.799	82.369	55.13807	-131.471
99927	94	101	5.9E+08	18001151	227.68	6.95	56.23906	-133.458
99929	2338	1339	5.6E+09	6.37E+08	2161.615	246.106	56.41383	-131.607