

Latitude (d	Longitude	Vehicle sp	Accel X (ft,	Accel Y (ft,	Accel Z (ft,	Calculated	Engine coc	Intake mar
41.15703	-96.0127	1.864114	-0.2206	-0.24309	-0.52083	24.70588	118.4	28.9395
41.15702	-96.0126	2.485485	0.907274	0.326287	-1.29102	24.31373	118.4	28.9395
41.15702	-96.0126	2.485485	-0.70375	0.921279	-1.19763	25.09804	118.4	28.9395
41.15687	-96.0125	3.728227	0.336751	-0.05318	-1.98686	25.4902	118.4	28.9395
41.1568	-96.0125	3.728227	6.181773	1.757391	1.361826	26.66667	118.4	29.2348
41.15675	-96.0125	3.106856	-1.10619	-0.67639	2.635427	23.13725	118.4	28.9395
41.1567	-96.0124	3.728227	10.84757	11.22996	4.875469	23.92157	118.4	28.9395
41.15668	-96.0124	3.106856	-3.81164	-0.56443	-2.37883	23.13725	118.4	28.9395
41.15663	-96.0124	1.864114	1.411471	-0.26884	1.123893	24.70588	118.4	28.9395
41.15663	-96.0124	0	0.129017	-0.22061	0.49871	17.64706	118.4	28.9395
41.15662	-96.0124	0	1.136508	0.992948	-1.56365	41.96078	118.4	28.9395
41.15662	-96.0124	1.864114	0.956139	0.037004	-0.37509	43.52941	118.4	30.1207
41.15662	-96.0124	4.349598	0.262354	1.20017	-0.92472	45.09804	118.4	32.77841
41.15662	-96.0124	9.941939	-0.8368	1.16525	-0.11787	43.92157	118.4	35.73142
41.15662	-96.0124	9.941939	0.179403	0.702737	0.574654	42.7451	118.4	38.68443
41.15664	-96.0123	13.04879	0.236973	1.464962	-1.27924	38.82353	118.4	42.52334
41.1567	-96.0122	16.77702	-0.47911	0.685054	-0.09589	44.70588	118.4	43.40925
41.15672	-96.0121	18.64114	-0.64716	-0.17977	-0.08326	43.13726	118.4	44.29515
41.15676	-96.012	20.50525	-0.26283	-0.30914	0.841551	38.43137	118.4	40.75154
41.15681	-96.012	21.12662	0.999436	4.074023	0.436952	26.66667	118.4	37.20793
41.15691	-96.0118	21.74799	0.456166	1.037348	-0.30795	32.15686	118.4	35.43612
41.15698	-96.0118	22.36936	-1.0273	-2.30171	2.961929	11.76471	118.4	34.84552
41.15706	-96.0117	22.36936	-1.46203	-1.08174	2.968008	11.76471	118.4	30.7113
41.1571	-96.0116	21.74799	0.893343	-0.21358	-0.27051	1.176471	118.4	29.5301
41.15716	-96.0115	21.12662	0.071479	1.715123	1.593631	3.137255	118.4	28.9395
41.15725	-96.0113	19.26251	-1.35142	-5.56693	2.137968	19.21569	118.4	28.9395
41.15734	-96.0112	14.29154	-0.04696	0.087216	-0.47176	21.56863	118.4	28.9395
41.15741	-96.011	11.18468	0.119805	-1.49134	-0.14982	20	118.4	28.9395
41.15749	-96.011	8.077826	0.361087	0.312836	0.101848	22.35294	118.4	28.9395
41.15757	-96.0109	5.592341	-0.77046	0.640392	-3.21771	21.17647	118.4	29.2348
41.15754	-96.0109	3.728227	-1.77844	1.2266	-3.43121	34.11765	118.4	28.9395
41.15757	-96.0108	7.456454	-1.22759	1.366706	-3.73476	31.37255	118.4	31.00661
41.15754	-96.0108	9.320568	2.757946	0.555177	-0.0464	31.76471	118.4	32.77841
41.15753	-96.0108	11.18468	-0.11817	-0.08159	-0.44208	34.5098	118.4	34.55022
41.1576	-96.0109	14.29154	1.520014	0.191011	0.664618	33.33333	118.4	36.61732
41.15767	-96.0109	16.77702	1.994559	2.126607	-0.94375	41.56863	118.4	40.75154
41.15773	-96.011	18.64114	1.32902	0.103364	0.097576	42.35294	118.4	42.81865
41.15779	-96.0111	20.50525	-1.74964	-3.4984	3.740814	41.56863	118.4	43.70455
41.15788	-96.0111	21.74799	0.540754	1.247481	-0.86478	40	118.4	44.59045
41.15798	-96.0112	24.85485	1.707777	1.584053	-5.02757	37.64706	122	45.47635
41.15806	-96.0112	25.47622	-0.47545	-0.09326	2.499215	40	122	44.88575
41.15813	-96.0113	26.09759	-2.65327	-2.98723	0.211608	32.94118	122	43.40925
41.15823	-96.0114	27.34033	-0.52266	-2.25487	2.153804	27.45098	122	39.86563
41.15835	-96.0115	27.34033	0.125975	-1.49825	0.290443	21.17647	122	35.14082
41.15844	-96.0116	26.09759	1.529842	2.360345	3.112678	11.37255	122	33.07371
41.15853	-96.0117	25.47622	1.039741	1.38553	-1.72772	0	122	31.59721

41.15861	-96.0118	24.23348	-0.7208	2.587408	-3.46709	15.29412	122	30.1207
41.15869	-96.0118	23.6121	-2.82118	-1.28533	-0.34089	20	122	29.8254
41.15878	-96.0119	23.6121	-4.23925	0.749262	-3.46824	25.88235	122	30.416
41.15886	-96.012	22.99073	-4.15719	-2.61744	7.028666	28.62745	122	31.00661
41.15891	-96.0121	22.99073	1.025697	-2.48798	-0.91532	34.5098	122	31.89251
41.15897	-96.0122	22.99073	-2.94423	-3.39183	-0.40457	36.47059	122	35.73142
41.15902	-96.0123	23.6121	1.549517	2.820644	-7.25672	36.07843	122	37.20793
41.15904	-96.0124	24.23348	-0.88472	-4.30578	0.56754	36.07843	122	38.38913
41.15905	-96.0125	24.85485	-2.37073	-2.76686	1.137824	36.86274	122	39.27503
41.15907	-96.0126	25.47622	2.78067	-0.3346	0.052885	36.86274	122	39.57034
41.15909	-96.0127	26.09759	1.873456	-1.4759	1.004107	34.5098	127.4	39.86563
41.15915	-96.0129	25.47622	0.590552	0.464165	1.383955	18.82353	127.4	36.32202
41.15923	-96.013	24.23348	1.176091	-5.72026	2.28776	10.98039	127.4	33.07371
41.15921	-96.0132	21.12662	-1.01595	1.571965	-0.27888	13.33333	127.4	30.1207
41.15924	-96.0134	21.12662	0.595767	0.50518	1.727099	28.62745	127.4	30.1207
41.15927	-96.0135	19.26251	-0.88456	-5.92307	1.213569	29.01961	127.4	31.00661
41.15931	-96.0137	18.01976	-1.82682	0.338537	2.120636	6.666667	127.4	30.416
41.15933	-96.0138	15.53428	-3.00348	-1.44961	1.64843	3.921569	127.4	29.5301
41.15929	-96.014	11.18468	2.005867	3.434504	0.834284	13.72549	127.4	29.2348
41.15928	-96.0141	8.077826	1.13398	-1.66004	-2.53574	18.03922	127.4	29.2348
41.15928	-96.0142	5.592341	3.274519	0.144919	-2.09962	35.68628	127.4	29.2348
41.15923	-96.0141	8.077826	3.37903	2.104677	1.205448	34.90196	127.4	33.07371
41.1592	-96.014	10.56331	1.269375	0.698062	0.189192	34.11765	127.4	35.14082
41.15923	-96.0141	14.29154	-0.88809	4.064312	-2.98376	32.15686	127.4	37.50323
41.15926	-96.0141	14.29154	-1.40053	0.073202	0.053052	40.39216	127.4	40.45624
41.15931	-96.0141	21.12662	-0.713	-0.7205	-0.3523	47.05882	127.4	51.38237
41.15937	-96.0141	23.6121	0.343739	1.043041	0.461721	45.88235	127.4	54.92599
41.15944	-96.0141	26.09759	-0.78538	-1.63468	3.708184	40.78431	127.4	55.51659
41.15948	-96.014	27.9617	-0.60227	0.316404	1.574977	10.98039	131	43.40925
41.15966	-96.0141	26.71896	-3.91607	-3.13546	1.873698	0	131	31.59721
41.15977	-96.0141	26.09759	-1.26787	-4.29444	4.254235	0	131	29.8254
41.15989	-96.0141	23.6121	2.782799	2.127882	-2.64005	4.705883	131	29.2348
41.16002	-96.0141	21.74799	-0.58798	2.747428	-5.46971	11.37255	131	29.2348
41.16012	-96.0141	18.64114	-7.84692	0.075981	-3.41281	18.03922	131	29.2348
41.16005	-96.0141	15.53428	4.171388	2.629024	-0.9728	11.37255	131	29.2348
41.16012	-96.0141	14.91291	3.168923	-0.05907	-6.54895	24.70588	131	29.2348
41.16017	-96.0141	16.15565	2.833675	-0.16966	1.009132	27.84314	131	31.00661
41.16021	-96.0142	17.39839	4.147356	3.044387	-1.56034	31.76471	131	32.48311
41.16022	-96.0143	19.88388	2.492351	1.044316	-2.74429	32.94118	131	34.55022
41.16021	-96.0144	20.50525	1.167205	-2.90677	-1.59437	32.94118	131	35.43612
41.16022	-96.0145	21.74799	-0.22106	-1.02206	1.940416	32.54902	131	36.32202
41.16022	-96.0147	22.99073	-1.84339	-4.06996	4.607381	31.37255	131	36.32202
41.16023	-96.0148	23.6121	-1.31723	0.2697	2.738702	28.23529	131	35.14082
41.16026	-96.015	24.23348	0.380832	-3.44717	1.14952	28.23529	131	34.55022
41.16029	-96.0151	24.23348	0.091304	5.727644	1.076355	23.52941	134.6	32.77841
41.16032	-96.0152	24.23348	-0.17108	-3.54679	2.990987	20	134.6	32.18781
41.16038	-96.0153	24.85485	1.796174	-2.08281	4.884688	14.90196	134.6	31.89251

41.1604	-96.0155	24.23348	-0.31884	-0.02297	-4.97513	11.76471	134.6	31.30191
41.16043	-96.0156	23.6121	-0.57618	-0.98875	-3.68154	23.13725	134.6	31.00661
41.16043	-96.0157	23.6121	0.479234	-0.95475	-6.76028	27.45098	134.6	31.30191
41.16047	-96.0157	22.99073	-0.13911	3.341321	0.708402	32.15686	134.6	32.18781
41.16052	-96.0158	22.99073	0.95457	0.120071	1.248242	34.90196	134.6	36.02672
41.16057	-96.0159	22.36936	0.082334	3.362038	2.399792	34.90196	134.6	37.79853
41.16061	-96.016	22.99073	-0.2755	-0.23072	-0.88765	30.98039	134.6	38.97973
41.16066	-96.016	22.99073	0.11989	-2.05685	-1.31938	28.62745	134.6	38.97973
41.16073	-96.0161	23.6121	-0.97644	-2.84973	-1.95574	28.23529	134.6	39.57034
41.16068	-96.0161	23.6121	-1.6372	0.406437	1.665918	26.27451	134.6	38.38913
41.16071	-96.0163	22.99073	-6.36333	-0.40847	2.036803	23.13725	134.6	34.55022
41.16081	-96.0165	22.36936	-2.38619	-3.60082	-1.57601	23.92157	134.6	33.07371
41.16092	-96.0167	21.12662	-3.80191	0.426104	0.893468	20.78431	134.6	32.48311
41.16093	-96.0168	19.88388	-0.07581	3.879911	3.601341	3.137255	134.6	30.7113
41.16098	-96.0169	18.64114	0.766053	2.475518	5.050042	4.705883	134.6	29.5301
41.16104	-96.017	15.53428	0.498688	1.168168	4.399066	4.705883	140	29.2348
41.16105	-96.017	9.941939	-0.86575	-0.20742	3.045624	15.68627	140	29.2348
41.16106	-96.0171	6.835083	2.644364	-0.70598	3.318037	15.68627	140	29.2348
41.16106	-96.0172	5.592341	2.527539	-0.0594	-4.43133	12.94118	140	28.9395
41.16109	-96.0172	7.456454	3.597585	-0.93831	-4.10817	28.23529	140	30.7113
41.1611	-96.0173	10.56331	2.564888	0.653913	-5.10006	34.11765	140	36.32202
41.16109	-96.0174	13.67017	-0.51628	0.312858	-3.16288	27.45098	140	39.27503
41.16106	-96.0175	18.01976	1.062825	-2.13281	-3.11108	36.07843	140	40.75154
41.16103	-96.0175	19.26251	0.59703	-6.08013	-1.96824	34.11765	140	41.34214
41.161	-96.0177	20.50525	-1.21654	4.762588	4.497288	21.17647	140	41.04684
41.161	-96.0178	22.36936	-0.73676	3.791137	5.065828	7.843137	140	36.02672
41.16098	-96.0179	20.50525	-1.36394	7.667548	4.673921	0	140	30.416
41.16096	-96.018	19.88388	-4.30422	0.726384	1.500063	2.745098	140	29.8254
41.16095	-96.0182	18.64114	-2.5827	-2.23813	1.389492	5.098039	140	29.2348
41.16095	-96.0182	18.01976	-4.71385	2.757528	0.246123	7.843137	140	28.9395
41.16092	-96.0183	17.39839	-5.34457	-2.46348	-1.05476	16.07843	140	29.2348
41.16091	-96.0183	17.39839	-0.46861	0.302954	-0.21951	16.47059	141.8	29.8254
41.16085	-96.0184	17.39839	-1.61244	-2.02844	-1.83849	17.64706	141.8	29.8254
41.1608	-96.0184	17.39839	-0.6779	2.027213	1.34757	18.43137	141.8	30.416
41.16076	-96.0185	18.64114	2.102619	3.971082	3.562371	18.82353	141.8	30.7113
41.16066	-96.0184	18.64114	2.998865	2.712527	-0.04286	20.39216	141.8	31.00661
41.16058	-96.0184	20.50525	3.140028	-0.28889	0.810817	21.17647	141.8	31.30191
41.16051	-96.0184	20.50525	2.22926	0.451827	0.940047	8.627451	141.8	30.7113
41.16042	-96.0184	20.50525	0.931662	-1.39202	0.958725	4.313725	141.8	29.8254
41.16036	-96.0184	20.50525	0.239424	0.122062	1.050972	1.960784	141.8	29.5301
41.16028	-96.0184	20.50525	-0.24153	2.456579	1.259049	4.313725	141.8	29.2348
41.16018	-96.0184	20.50525	-1.904	0.828502	0.448019	4.705883	141.8	28.9395
41.16009	-96.0184	21.12662	0.350237	-0.69129	0.322971	3.529412	141.8	28.9395
41.16001	-96.0184	21.74799	1.551513	2.194541	1.234525	2.352941	141.8	28.9395
41.15992	-96.0183	22.36936	2.820988	1.834199	2.081154	1.568627	141.8	28.9395
41.15984	-96.0183	22.36936	1.406104	2.254639	3.376437	2.745098	141.8	29.2348
41.15976	-96.0183	21.12662	-0.50303	-3.54055	5.861095	12.54902	141.8	28.9395

41.15969	-96.0182	20.50525	-0.37636	-5.08511	3.922041	13.33333	141.8	29.2348
41.15963	-96.0182	16.77702	-0.5216	2.397565	3.437423	14.90196	141.8	29.2348
41.15955	-96.0182	16.77702	-0.17846	-2.24828	0.55157	15.68627	143.6	29.2348
41.15946	-96.0182	13.67017	3.903682	-1.75038	1.556186	15.68627	143.6	29.2348
41.15937	-96.0182	11.80605	6.181006	-0.59621	0.262726	18.82353	143.6	29.2348
41.15928	-96.0182	11.18468	5.296871	0.223952	-0.71435	14.90196	143.6	29.2348
41.15937	-96.0184	11.18468	1.476379	0.042872	-4.89616	32.54902	143.6	29.5301
41.15933	-96.0184	13.67017	-2.41214	2.058628	-5.80899	34.90196	143.6	31.30191
41.15932	-96.0184	15.53428	-1.48351	0.513577	-5.07086	39.60784	143.6	38.97973
41.1593	-96.0185	17.39839	-0.03433	1.114732	-3.8227	40	143.6	41.34214
41.15927	-96.0186	19.26251	1.865882	3.093154	-1.55499	39.60784	143.6	41.63744
41.15924	-96.0187	21.12662	0.833774	5.054172	-0.07314	38.03922	143.6	41.63744
41.15913	-96.0188	22.36936	0.493057	0.988349	2.19687	37.2549	143.6	41.34214
41.15909	-96.0189	24.23348	-0.04076	-2.51735	-2.26003	36.86274	143.6	41.34214
41.15912	-96.0191	24.85485	-0.65245	-0.96387	-1.5243	36.47059	143.6	41.63744
41.15915	-96.0192	27.34033	-1.92917	1.353507	-1.07135	34.90196	143.6	41.93274
41.15917	-96.0193	27.34033	-2.26766	-0.324	0.995904	28.23529	143.6	38.38913
41.15918	-96.0195	27.34033	-2.33811	-0.18201	1.753802	15.68627	143.6	33.66431
41.15919	-96.0196	27.34033	-2.224	0.501173	0.65949	19.21569	143.6	32.48311
41.15924	-96.0198	26.71896	-0.55649	5.56482	0.833093	20.39216	143.6	31.89251
41.15922	-96.0199	26.71896	-1.18607	-3.71549	0.459852	23.52941	145.4	31.89251
41.15925	-96.02	26.71896	-0.50974	-0.88667	-2.35236	23.52941	145.4	31.89251
41.15927	-96.0202	26.71896	-0.66145	-0.70784	0.774203	20	145.4	32.18781
41.15927	-96.0203	25.47622	-0.82303	0.397763	1.927542	4.313725	145.4	30.416
41.15928	-96.0204	24.85485	-0.41738	-1.72162	1.297734	5.490196	145.4	29.5301
41.1593	-96.0206	24.23348	-0.53997	-0.08623	2.95399	6.27451	145.4	29.5301
41.15932	-96.0207	20.50525	-0.87026	-2.53172	2.164772	8.627451	145.4	29.2348
41.15932	-96.0208	18.64114	-1.67573	-3.2434	2.07158	13.72549	145.4	29.2348
41.15937	-96.0209	16.77702	-0.10431	1.696818	3.265035	14.90196	145.4	29.2348
41.15931	-96.021	13.67017	-0.25057	-1.41956	3.255209	14.5098	145.4	29.2348
41.15929	-96.021	11.18468	0.500604	-0.23296	1.671361	17.2549	145.4	29.5301
41.15931	-96.0211	7.456454	0.884997	0.238735	-3.94963	16.47059	145.4	29.5301
41.15932	-96.0212	6.835083	5.080666	0.648491	-3.90342	27.45098	145.4	29.2348
41.15931	-96.0212	8.699197	7.22371	0.347497	-1.05145	24.31373	145.4	31.00661
41.15934	-96.0213	9.941939	3.897231	-1.11861	-2.35245	28.62745	145.4	33.07371
41.15936	-96.0212	11.18468	-1.53793	-0.11098	-3.53226	30.58824	145.4	35.14082
41.15939	-96.0212	13.67017	-3.13867	0.381443	-3.60057	32.54902	145.4	37.79853
41.15945	-96.0212	15.53428	-3.49104	2.233397	-4.33903	32.54902	145.4	42.22804
41.15951	-96.0212	19.26251	-2.91908	1.418026	-2.89079	41.56863	149	46.65756
41.15963	-96.0212	21.12662	-1.24896	1.228385	-1.73434	36.86274	149	48.13406
41.15971	-96.0212	22.99073	-1.22944	1.04583	-0.07567	34.5098	149	49.61057
41.1598	-96.0213	24.85485	-2.09271	0.829273	-1.61355	37.64706	149	49.01997
41.15987	-96.0212	25.47622	-0.86881	-0.77003	0.373631	33.33333	149	45.18105
41.16	-96.0213	26.71896	-0.81285	-0.85858	0.448497	30.98039	149	42.22804
41.1601	-96.0212	27.34033	-0.45471	0.247909	-0.16759	31.76471	149	39.27503
41.16019	-96.0212	27.9617	-0.78132	0.027896	0.432019	30.98039	149	38.97973
41.1603	-96.0212	27.34033	-0.39975	-1.2913	1.684487	24.70588	149	38.97973

41.1604	-96.0212	25.47622	-1.93154	-0.87771	2.23396	10.19608	149	34.84552
41.1605	-96.0213	24.23348	-0.00014	-0.52408	1.788166	7.058824	149	30.7113
41.16059	-96.0213	22.36936	-0.01798	-1.17502	0.814854	7.058824	149	29.5301
41.16067	-96.0213	21.12662	3.354234	-2.08167	-0.22014	13.33333	149	29.5301
41.16074	-96.0213	19.26251	3.529733	0.714837	3.004114	16.47059	149	29.5301
41.16083	-96.0213	18.01976	-3.28806	-0.7513	2.14311	15.29412	149	29.2348
41.16088	-96.0213	13.67017	-4.88457	0.871076	0.990815	10.58823	149	29.2348
41.16092	-96.0213	12.42742	-4.89168	0.32113	0.321125	16.07843	149	29.2348
41.16093	-96.0213	11.80605	0.205889	0.602766	-0.45453	17.64706	149	29.2348
41.16095	-96.0213	11.80605	1.740523	-0.61062	-4.47557	22.35294	150.8	29.2348
41.16097	-96.0214	11.18468	1.616964	-3.29004	-1.05794	23.92157	150.8	31.00661
41.16098	-96.0215	11.80605	2.391402	-0.78541	-3.56821	24.31373	150.8	31.89251
41.161	-96.0215	13.04879	2.896215	0.769731	-0.6228	25.88235	150.8	32.77841
41.16103	-96.0216	14.91291	1.198093	2.192498	0.801032	26.27451	150.8	33.66431
41.16102	-96.0216	15.53428	1.347959	2.301429	0.401151	26.66667	150.8	33.66431
41.16102	-96.0217	16.15565	1.587583	0.139835	0.057479	9.019608	150.8	33.07371
41.16102	-96.0218	15.53428	-0.71446	-3.20416	3.827857	7.843137	150.8	31.59721
41.16101	-96.0218	13.67017	-0.36416	-0.62358	1.686049	10.19608	150.8	29.5301
41.161	-96.0219	11.80605	3.522279	-6.91066	2.23292	13.72549	150.8	29.5301
41.16099	-96.022	8.699197	5.660891	2.149994	2.156003	18.43137	150.8	29.5301
41.16108	-96.022	7.456454	3.51972	-0.16439	1.476936	18.43137	150.8	29.5301
41.1611	-96.0221	7.456454	1.626127	0.502003	-2.75375	10.19608	150.8	29.2348
41.16108	-96.0222	8.077826	0.111733	0.435402	-3.74816	20.78431	150.8	30.1207
41.16113	-96.0221	9.320568	-0.70485	0.557788	-2.78005	21.17647	150.8	31.00661
41.16118	-96.0221	10.56331	-0.5615	1.198254	-1.81214	12.54902	150.8	31.59721
41.16121	-96.0222	11.18468	-0.73535	-2.09075	0.209325	7.45098	150.8	31.00661
41.16124	-96.0222	10.56331	3.521784	-0.94256	1.624088	17.2549	150.8	29.5301
41.16132	-96.0221	8.077826	5.215367	-1.0371	6.674047	18.03922	152.6	29.5301
41.16134	-96.0221	6.213712	-3.02714	-3.18003	2.192487	16.47059	152.6	29.5301
41.1613	-96.022	4.349598	-5.99615	-0.58144	1.127192	14.11765	152.6	29.5301
41.16129	-96.022	1.864114	-3.71154	0.897053	-2.97745	16.47059	152.6	29.5301
41.16129	-96.022	1.864114	-2.59067	0.170437	-1.25591	16.86275	152.6	29.5301
41.16129	-96.0221	0	-1.24952	0.894515	-3.20089	14.90196	152.6	29.5301
41.16131	-96.0221	0	-1.0587	0.639219	-2.20762	5.098039	152.6	29.2348
41.16136	-96.0221	0	-0.75097	0.402755	-1.55411	5.490196	152.6	28.9395
41.16136	-96.0221	0	-0.62445	0.380147	-1.19983	5.882353	152.6	29.2348
41.16138	-96.0221	0	-0.11932	0.478647	-0.85239	6.666667	152.6	29.2348
41.16136	-96.0221	0	-0.31413	0.178295	-0.76009	6.27451	152.6	28.9395
41.16135	-96.0221	0	-0.30367	0.06271	-0.53397	6.27451	152.6	29.2348
41.16134	-96.0221	0	-0.46326	0.019115	-0.64855	6.666667	152.6	28.9395
41.16135	-96.0221	0	0.021807	0.184103	-0.25034	5.882353	152.6	28.9395
41.16137	-96.0221	0	-0.16411	0.04493	-0.3508	6.27451	152.6	29.2348
41.16135	-96.0221	0	-0.12429	0.040004	-0.29628	5.882353	152.6	28.9395
41.16134	-96.0221	0	-0.15019	0.096197	-0.0645	5.882353	152.6	28.9395
41.16135	-96.0221	0	-0.07057	-0.03674	-0.20061	6.27451	154.4	29.2348
41.16134	-96.0221	0	-0.04906	0.017362	-0.05542	5.490196	154.4	28.9395
41.16136	-96.0221	0	-0.03797	0.080945	-0.10485	6.27451	154.4	28.9395

41.16137	-96.0221	0	-0.08624	-0.04285	-0.03536	5.882353	154.4	29.2348
41.16135	-96.0221	0	-0.07255	0.069925	-0.12148	5.882353	154.4	28.9395
41.16132	-96.022	0	-0.00794	-0.05137	-0.11615	6.27451	154.4	29.2348
41.16133	-96.022	0	0.002236	0.062898	0.021145	5.882353	154.4	29.2348
41.16132	-96.022	0	0.001821	0.006017	0.020058	5.490196	154.4	29.2348
41.16132	-96.022	0	-0.05276	-0.00372	0.021065	6.27451	154.4	29.2348
41.16132	-96.022	0	-0.04891	-0.00032	-0.0265	6.27451	154.4	29.2348
41.16132	-96.022	0	-0.0431	-0.11383	-0.03186	5.882353	154.4	29.2348
41.16132	-96.022	0	-0.04064	0.006671	0.093298	5.882353	154.4	28.9395
41.16132	-96.022	0	0.019875	0.0653	-0.03031	5.882353	154.4	29.2348
41.16131	-96.022	0	0.018073	-0.06347	-0.02644	5.882353	154.4	28.9395
41.16132	-96.022	0	0.016969	0.062044	0.039099	5.882353	154.4	29.2348
41.16131	-96.022	0	-0.04401	-0.06272	0.086967	5.882353	154.4	28.9395
41.16131	-96.022	0	0.082784	-0.00317	-0.03478	5.490196	154.4	28.9395
41.16131	-96.022	0	0.02367	0.008761	-0.03799	5.098039	154.4	28.9395
41.16131	-96.022	0	-0.03556	-0.0016	0.032572	5.882353	154.4	28.9395
41.16131	-96.022	0	0.024092	0.06428	-0.02612	5.490196	154.4	29.2348
41.16131	-96.022	0	0.022317	-0.00465	0.035442	5.490196	154.4	29.2348
41.16131	-96.022	0	0.022798	-0.00389	0.030686	6.666667	154.4	28.9395
41.16131	-96.022	0	0.02602	-0.00784	0.029132	5.882353	154.4	28.9395
41.16131	-96.022	0	-0.03701	-0.00905	-0.07996	5.882353	154.4	28.9395
41.16131	-96.022	0	0.025386	-0.00147	-0.02446	5.882353	154.4	28.9395
41.16131	-96.022	0	0.022628	0.115563	0.037804	5.882353	154.4	29.2348
41.16131	-96.022	0	-0.04219	-0.00528	-0.08163	6.27451	154.4	28.9395
41.16131	-96.022	0	0.015979	-0.00976	0.044734	6.27451	154.4	28.9395
41.16131	-96.022	0	0.018043	-0.00529	0.040434	5.882353	154.4	29.2348
41.16131	-96.022	0	-0.0429	-0.00366	0.028026	5.882353	154.4	29.2348
41.16131	-96.022	0	0.020973	0.04849	-0.02694	6.27451	154.4	28.9395
41.16131	-96.022	0	0.016079	-0.06824	-0.14251	5.882353	154.4	29.2348
41.16131	-96.022	0	0.012442	-0.00972	0.052071	5.882353	154.4	28.9395
41.16131	-96.022	0	-0.05007	-0.00511	-0.06562	5.882353	154.4	29.2348
41.16131	-96.022	0	0.01244	-0.07189	0.109006	5.882353	154.4	29.2348
41.16131	-96.022	0	0.015662	0.060843	-0.07852	5.490196	154.4	28.9395
41.16131	-96.022	0	0.017797	-0.06082	-0.02079	5.882353	154.4	29.2348
41.16131	-96.022	0	0.017481	0.061487	0.053826	5.882353	154.4	28.9395
41.1613	-96.022	8.077826	-0.74256	-0.12169	-0.46003	27.05882	154.4	31.89251
41.1613	-96.022	10.56331	-2.1161	-0.15962	-2.41655	34.11765	154.4	33.07371
41.1613	-96.022	14.91291	-0.63769	1.529666	-2.19886	33.33333	154.4	36.02672
41.1613	-96.022	16.77702	-2.04175	-2.23525	-0.08611	32.15686	154.4	36.61732
41.1613	-96.022	17.39839	-0.98106	0.780406	1.254202	17.2549	154.4	33.95961
41.1613	-96.022	17.39839	-0.28171	1.785933	2.143915	13.33333	154.4	31.30191
41.1613	-96.022	16.15565	-1.2802	-1.75272	4.894443	5.882353	154.4	30.416
41.1613	-96.022	14.29154	-2.3242	-0.32053	3.988084	16.07843	154.4	29.8254
41.1613	-96.022	10.56331	-0.49089	-1.19009	3.438953	16.07843	154.4	29.5301
41.16127	-96.0219	6.835083	-1.80762	-0.44025	-2.40518	11.76471	154.4	29.5301
41.16136	-96.0216	6.835083	-3.50726	1.566367	-4.69616	28.23529	154.4	29.2348
41.16141	-96.0215	8.699197	-5.42023	0.673919	-2.39565	27.45098	154.4	32.77841

41.16138	-96.0214	9.941939	-2.76666	1.099184	-2.20504	27.05882	154.4	33.95961
41.16149	-96.0213	10.56331	0.627062	-0.53965	2.19031	5.490196	154.4	32.77841
41.16142	-96.0213	10.56331	1.425519	-0.9448	5.246158	12.15686	154.4	31.89251
41.16144	-96.0212	3.728227	0.892407	-0.1519	0.060999	14.90196	154.4	29.8254
41.16148	-96.0212	3.106856	1.156592	0.225972	-3.5653	24.70588	154.4	29.8254
41.16143	-96.0212	6.213712	3.015084	-0.0697	-4.92062	33.72549	154.4	30.1207
41.1615	-96.0212	9.320568	6.328763	0.515073	-2.40674	34.5098	154.4	33.07371
41.1615	-96.0212	11.80605	5.853476	0.042374	-1.2225	32.94118	154.4	38.09383
41.16152	-96.021	14.91291	2.698267	0.689274	-0.55431	40.78431	154.4	40.16093
41.16158	-96.0209	18.01976	-2.52865	-0.74943	-1.59496	42.7451	154.4	43.40925
41.16161	-96.0208	21.12662	-2.58396	-0.26254	-1.19899	41.17647	154.4	49.31527
41.16161	-96.0207	26.09759	-0.81358	1.045844	-0.00349	38.03922	154.4	52.85888
41.16161	-96.0205	28.58307	-1.68511	0.262639	0.047285	42.35294	154.4	54.92599
41.16164	-96.0204	31.06856	-1.62804	0.308677	0.894371	41.56863	154.4	54.63068
41.16169	-96.0202	32.93267	-0.49583	-1.31804	0.942188	34.11765	154.4	54.63068
41.1617	-96.02	34.17542	-0.60296	-1.04729	0.677325	29.41176	154.4	50.20117
41.16172	-96.0198	35.41816	-0.87455	-0.872	1.647492	27.45098	154.4	43.70455
41.16173	-96.0196	36.6609	-1.49691	-1.91648	1.580428	27.05882	154.4	41.34214
41.16173	-96.0194	37.28227	-1.1907	0.254545	1.128172	25.88235	154.4	40.75154
41.16173	-96.0192	37.28227	0.358406	-0.28948	-0.79205	27.45098	156.2	40.75154
41.16174	-96.019	39.14639	0.26821	1.315901	-0.85647	32.54902	156.2	41.34214
41.16173	-96.0188	40.38913	0.706387	0.710553	-0.51738	30.98039	156.2	38.97973
41.16175	-96.0186	41.0105	-0.19814	-2.34608	0.94265	32.54902	156.2	39.57034
41.16177	-96.0184	41.63187	-0.85777	-0.01579	1.519062	31.76471	156.2	40.16093
41.16177	-96.0181	42.87461	-0.5837	-1.99599	-0.3427	32.15686	156.2	40.16093
41.16176	-96.0179	44.11736	-0.11229	-1.06205	-0.16569	31.76471	156.2	40.16093
41.16178	-96.0176	44.11736	-0.00216	-1.68938	0.665542	31.37255	156.2	40.16093
41.16179	-96.0173	45.98147	-0.7881	-3.85072	-0.26069	46.27451	156.2	39.57034
41.16177	-96.0171	45.98147	0.130905	0.459113	2.367576	17.64706	156.2	38.09383
41.16175	-96.0169	45.98147	0.58234	-1.37252	1.221223	5.882353	156.2	34.84552
41.16174	-96.0166	45.3601	0.795359	4.608365	1.905522	0	156.2	32.48311
41.16174	-96.0164	44.73873	-0.6282	-0.82876	1.953479	0	156.2	30.416
41.16175	-96.0161	43.49598	0.175203	-0.63412	-0.6284	0	156.2	30.1207
41.16175	-96.0159	42.87461	1.184286	-1.10324	0.65482	0	156.2	30.1207
41.16173	-96.0157	41.63187	-0.42705	1.989371	1.492286	0	156.2	29.8254
41.16174	-96.0154	40.38913	-1.67369	2.824967	4.153471	0	156.2	29.8254
41.16174	-96.0152	38.52501	0.26294	-1.17434	0.716009	0	159.8	30.1207
41.16173	-96.015	34.79679	-1.33161	0.464396	3.266309	0.784314	159.8	29.8254
41.16174	-96.0147	32.93267	-0.52813	-0.60725	2.838732	0	159.8	29.5301
41.16174	-96.0146	28.58307	-0.12059	-0.7734	2.379953	0.392157	159.8	29.2348
41.16174	-96.0144	24.85485	-0.36551	1.097852	3.117525	4.705883	159.8	29.2348
41.16174	-96.0142	21.74799	-0.40388	1.466634	1.022486	10.98039	159.8	29.2348
41.16174	-96.0142	18.01976	3.509947	-2.45594	-2.93614	14.90196	159.8	29.5301
41.16174	-96.0142	14.29154	7.573955	1.719787	-2.11206	12.54902	159.8	29.5301
41.16171	-96.0141	13.67017	7.959852	0.568305	0.230434	15.68627	159.8	29.8254
41.16165	-96.0141	13.67017	2.812433	-0.33195	-0.23697	25.88235	159.8	29.8254
41.16168	-96.0141	16.77702	-0.45695	-3.48221	-4.32967	34.90196	159.8	31.00661

41.16164	-96.0141	18.01976	-2.78066	1.128797	-5.86356	35.68628	159.8	36.32202
41.16155	-96.014	21.12662	-3.22991	1.42625	-4.14721	36.07843	159.8	39.86563
41.1615	-96.014	24.23348	-3.58152	-1.59398	-0.97527	30.98039	159.8	43.99985
41.16138	-96.014	29.82582	-1.00752	0.295199	-2.9894	38.43137	159.8	45.77166
41.16125	-96.014	31.68993	-2.09165	1.005216	-0.99838	36.07843	159.8	46.95286
41.16113	-96.014	31.68993	-2.90838	1.839397	1.514546	29.80392	159.8	46.95286
41.161	-96.014	34.79679	-2.12891	-1.61275	2.21485	10.19608	159.8	39.27503
41.16078	-96.0141	35.41816	-0.31571	-0.86005	0.007966	7.843137	159.8	33.95961
41.16063	-96.0141	36.03953	-0.75841	-0.86851	-1.16436	18.03922	159.8	33.07371
41.16048	-96.0141	36.6609	-1.39922	-1.95826	1.009319	0	159.8	31.89251
41.16032	-96.0141	36.03953	0.193989	2.640684	0.613356	14.11765	159.8	30.416
41.16018	-96.0141	36.03953	0.786779	1.500404	-0.28633	23.13725	159.8	31.89251
41.16001	-96.0141	36.6609	-0.31094	-4.00891	-1.55094	27.05882	159.8	31.89251
41.15985	-96.0141	36.6609	-2.53324	-3.62181	1.111191	26.27451	159.8	33.95961
41.15969	-96.0141	36.6609	0.485985	-2.24606	1.366882	8.627451	159.8	33.66431
41.15954	-96.0141	36.03953	0.190088	-1.16648	0.474257	17.2549	159.8	32.18781
41.15938	-96.0141	36.03953	0.275282	-0.92112	-0.10323	18.82353	159.8	32.18781
41.15923	-96.014	36.03953	-0.458	0.369669	0.876025	16.47059	159.8	31.89251
41.15908	-96.0141	36.03953	-1.0383	0.256571	2.09876	9.803922	159.8	31.30191
41.1589	-96.0141	35.41816	-0.58584	-0.73709	1.03759	1.176471	159.8	30.7113
41.15875	-96.0141	35.41816	0.078954	2.596442	0.940171	3.529412	159.8	30.1207
41.15857	-96.0141	35.41816	0.416425	-0.7312	-0.4333	3.921569	159.8	30.416
41.15842	-96.0141	35.41816	0.302236	0.313732	-0.17569	3.529412	159.8	30.416
41.15826	-96.0141	35.41816	-0.65685	0.706869	0.171856	0	159.8	30.416
41.15812	-96.0141	35.41816	0.313534	-1.32169	-0.23425	1.176471	159.8	29.5301
41.15796	-96.0141	35.41816	-0.45311	-0.89463	1.20652	0	159.8	29.2348
41.15784	-96.0141	35.41816	-0.54816	-0.00664	-0.06508	0	159.8	29.2348
41.1577	-96.0142	35.41816	0.17694	-1.98151	-0.04087	0.392157	159.8	29.2348
41.15752	-96.0141	35.41816	0.287012	-0.23963	-0.25831	0	159.8	28.9395
41.15738	-96.0142	36.03953	-0.26261	0.470509	0.788151	0	159.8	29.2348
41.15723	-96.0142	36.6609	-0.428	0.882136	0.61482	0	159.8	29.2348
41.15711	-96.0142	36.6609	-0.10093	-1.24236	1.831436	0	159.8	28.9395
41.15696	-96.0141	36.6609	-0.45415	-0.10756	0.9844	0	159.8	29.2348
41.15682	-96.0141	36.03953	1.249518	-0.08688	0.213698	0	159.8	29.2348
41.15669	-96.014	35.41816	-0.12893	-1.79896	-0.15103	0	159.8	29.2348
41.15656	-96.014	34.79679	0.220018	0.055482	-0.65792	0	159.8	29.2348
41.15641	-96.0139	34.17542	-0.2527	-1.0512	-0.20029	0	159.8	28.9395
41.15628	-96.0138	32.93267	-0.95629	-1.24776	1.188988	0.784314	159.8	29.2348
41.15618	-96.0139	31.68993	0.016925	1.071181	-0.05791	1.176471	159.8	29.2348
41.15606	-96.014	30.44719	-0.33289	-0.57358	1.552357	1.176471	159.8	29.2348
41.15594	-96.014	27.9617	-0.40752	-0.49626	2.883184	1.176471	161.6	29.2348
41.15584	-96.014	25.47622	-0.69277	-0.47032	0.919185	5.098039	161.6	29.2348
41.15575	-96.014	22.36936	0.387762	-1.92973	2.159074	8.627451	161.6	29.2348
41.15567	-96.014	19.88388	-0.13563	-0.79845	2.667225	15.68627	161.6	29.2348
41.15558	-96.0141	11.18468	-0.98824	-1.00485	3.064806	14.5098	161.6	29.5301
41.15554	-96.0141	6.835083	-0.65641	-0.3385	1.69091	16.07843	161.6	29.5301
41.15549	-96.0141	4.349598	0.923331	1.652001	-5.94116	13.72549	161.6	29.8254

41.15547	-96.0141	6.835083	1.45754	1.751252	-9.74606	38.03922	161.6	31.00661
41.15541	-96.0141	11.18468	0.412352	1.550299	-4.8991	38.03922	161.6	36.91262
41.15536	-96.0141	15.53428	0.704149	0.211494	-4.21635	43.52941	161.6	42.52334
41.15533	-96.0142	18.01976	0.876096	1.226137	-3.73285	40	161.6	45.77166
41.1552	-96.0142	24.85485	0.767973	0.686934	-3.42755	37.2549	161.6	51.97298
41.15512	-96.0142	26.71896	0.188035	1.679502	-1.26515	35.29412	161.6	53.15418
41.15498	-96.0142	29.20445	0.784173	-0.04831	-0.76502	41.96078	161.6	53.15418
41.15487	-96.0142	31.68993	-0.33331	1.456918	-0.16767	40.78431	161.6	54.63068
41.15472	-96.0142	34.17542	0.661639	2.124795	-0.0123	36.47059	161.6	54.92599
41.15458	-96.0142	36.03953	-0.32332	1.583765	1.296401	26.66667	161.6	53.15418
41.15442	-96.0142	36.6609	0.153626	-0.18397	1.899693	19.60784	159.8	44.59045
41.15427	-96.0141	37.28227	-0.95835	-2.69442	0.482484	34.11765	159.8	38.68443
41.15411	-96.0141	37.28227	0.838529	0.342563	0.246507	33.33333	159.8	39.86563
41.15396	-96.0141	37.90364	0.767767	-1.07806	0.76044	30.58824	159.8	39.57034
41.1538	-96.0141	37.90364	-0.05688	-0.01676	1.057674	30.58824	159.8	38.38913
41.15368	-96.0141	37.90364	-0.22789	-0.91285	1.099499	30.58824	159.8	36.91262
41.15354	-96.0141	37.90364	-1.05341	-0.10162	1.655599	25.88235	159.8	35.14082
41.15339	-96.0141	37.90364	-1.02389	-2.24477	-1.07727	24.31373	159.8	33.95961
41.15319	-96.0141	37.28227	-0.77055	0.701823	1.894398	23.13725	159.8	33.66431
41.15305	-96.0141	37.28227	2.008646	1.246615	0.741801	16.86275	159.8	33.07371
41.1529	-96.0141	37.28227	-0.72467	-0.71739	0.123323	16.47059	159.8	32.48311
41.15275	-96.0141	37.28227	1.054006	1.018168	0.428065	0	159.8	32.18781
41.15259	-96.0141	37.28227	0.707067	-3.73475	-3.19176	0	159.8	31.30191
41.15245	-96.0141	36.6609	0.569085	0.352806	0.668065	3.137255	159.8	30.416
41.15231	-96.0141	36.6609	-0.64632	1.150356	-0.73802	10.19608	159.8	30.7113
41.15216	-96.0141	36.6609	0.442502	2.408994	0.12873	17.2549	159.8	31.89251
41.15202	-96.0141	36.6609	1.970861	5.076417	-1.45292	18.82353	159.8	32.48311
41.15186	-96.0141	36.6609	-0.92877	1.260669	2.832111	18.82353	159.8	32.77841
41.15171	-96.0141	37.28227	0.048767	-0.07641	-0.37678	25.4902	161.6	33.95961
41.15159	-96.0142	37.28227	-0.38492	-0.77658	-0.51311	27.45098	161.6	34.55022
41.15146	-96.0142	37.90364	0.23997	1.837381	0.123321	25.88235	161.6	34.55022
41.15128	-96.0142	37.90364	-0.7253	-4.91357	-1.65326	23.52941	161.6	34.55022
41.15114	-96.0142	37.90364	0.167449	0.601867	1.087306	26.27451	161.6	34.25492
41.151	-96.0142	38.52501	0.275335	1.086558	-0.09525	29.01961	161.6	35.14082
41.15083	-96.0142	38.52501	0.912534	1.505857	0.905031	29.01961	161.6	35.73142
41.1507	-96.0142	38.52501	0.110779	-0.37737	-0.34204	29.41176	161.6	36.02672
41.15053	-96.0142	38.52501	0.460347	-0.6476	-1.9191	29.41176	161.6	36.02672
41.15036	-96.0142	37.90364	-0.68065	-0.0466	-0.02132	29.80392	161.6	36.32202
41.15023	-96.0142	37.90364	0.054234	-0.11929	-0.11024	29.01961	161.6	36.02672
41.15006	-96.0142	37.90364	0.199894	0.458034	-0.38674	22.7451	161.6	34.84552
41.1499	-96.0142	37.28227	-1.20356	0.518253	0.139278	23.52941	161.6	33.95961
41.14975	-96.0143	37.28227	0.694849	-0.22126	-1.06242	24.31373	161.6	33.66431
41.1496	-96.0143	37.90364	-1.01959	-1.50399	-1.191	24.70588	161.6	33.95961
41.14944	-96.0143	37.90364	0.480216	1.762523	1.404901	24.31373	161.6	33.95961
41.14929	-96.0143	38.52501	-0.45517	-0.09142	-0.959	24.31373	161.6	33.66431
41.14912	-96.0143	39.14639	-0.11853	0.818663	0.545574	23.52941	163.4	33.66431
41.14895	-96.0143	39.14639	-0.58961	-0.92837	0.694238	23.52941	163.4	33.66431

41.14879	-96.0143	39.14639	0.320704	-1.01665	-1.18974	23.92157	163.4	33.66431
41.14864	-96.0143	39.14639	0.184207	0.22036	-0.08564	23.52941	163.4	33.66431
41.14846	-96.0143	39.14639	0.382478	0.830161	-0.01488	22.7451	163.4	33.66431
41.1483	-96.0143	39.14639	0.326366	0.929227	0.662914	22.7451	163.4	33.36901
41.14818	-96.0143	39.14639	-0.86137	0.389824	0.006549	23.52941	163.4	33.66431
41.14801	-96.0143	38.52501	0.573148	-0.73133	0.106712	23.92157	163.4	33.66431
41.14787	-96.0142	39.14639	-0.11008	-0.54446	-0.68559	24.31373	163.4	33.95961
41.1477	-96.0142	39.14639	0.709684	0.487807	0.38758	24.70588	163.4	33.95961
41.14757	-96.0142	39.14639	-0.58643	0.116506	-0.71032	25.09804	163.4	33.95961
41.1474	-96.0142	38.52501	0.196894	-0.27148	-0.06401	25.09804	163.4	34.25492
41.14725	-96.0142	38.52501	0.018567	-0.5342	-1.47248	25.4902	163.4	34.25492
41.1471	-96.0142	38.52501	-0.25023	-0.38301	0.180635	24.70588	163.4	34.25492
41.14695	-96.0142	38.52501	-0.23282	-0.23834	1.100599	22.7451	163.4	34.25492
41.14679	-96.0142	38.52501	-0.01604	1.069076	0.482675	22.7451	163.4	34.25492
41.14662	-96.0142	38.52501	-0.59637	-0.42754	-0.20045	23.52941	163.4	34.25492
41.14645	-96.0142	38.52501	-0.0681	0.167544	0.457123	23.52941	163.4	34.25492
41.14629	-96.0142	38.52501	1.591776	-0.63836	-0.43126	23.52941	165.2	34.55022
41.14613	-96.0142	38.52501	0.565357	-0.09818	-0.92745	23.13725	165.2	34.55022
41.14597	-96.0142	38.52501	0.30735	-0.5261	-0.09035	25.88235	165.2	34.25492
41.14581	-96.0142	38.52501	-0.09426	-0.91743	0.370292	25.88235	165.2	34.25492
41.14569	-96.0142	38.52501	0.705533	1.78811	-0.0969	25.4902	165.2	34.25492
41.14553	-96.0142	38.52501	-1.20315	0.614175	0.631615	23.92157	165.2	33.95961
41.14539	-96.0142	38.52501	0.111343	-0.97226	-0.30316	23.13725	165.2	33.66431
41.14526	-96.0142	38.52501	0.386878	-2.26098	-1.23083	23.13725	165.2	33.66431
41.14513	-96.0142	37.90364	0.11798	-1.0653	0.946815	14.5098	165.2	32.48311
41.14499	-96.0142	37.28227	-0.17204	0.383068	0.883957	3.137255	165.2	30.7113
41.14483	-96.0142	36.03953	-0.72844	0.836288	2.258128	3.529412	165.2	30.1207
41.14468	-96.0142	35.41816	0.731502	0.130782	0.807729	4.705883	165.2	30.416
41.14456	-96.0142	34.79679	-0.28468	-1.0711	0.137719	5.490196	165.2	30.7113
41.14442	-96.0142	34.17542	-0.33989	-0.0677	0.632745	0	165.2	30.7113
41.14428	-96.0142	32.93267	-0.16162	-0.81273	2.46262	3.137255	165.2	29.8254
41.14415	-96.0142	31.06856	-0.34504	-0.46423	2.988677	4.313725	165.2	29.5301
41.14405	-96.0142	24.85485	-0.7124	-1.53897	2.527361	5.490196	165.2	29.5301
41.14398	-96.0142	24.85485	0.108557	0.364895	-1.25295	9.803922	167	29.5301
41.14388	-96.0142	19.88388	-2.29973	-0.98469	1.969052	14.11765	167	29.5301
41.14378	-96.0142	18.01976	-0.60521	-0.27319	1.987326	18.43137	167	29.5301
41.14373	-96.0142	14.29154	-0.67145	0.015539	1.537457	18.43137	167	29.5301
41.14366	-96.0142	10.56331	0.389912	-0.81745	1.006096	18.03922	167	29.5301
41.14361	-96.0142	8.077826	0.720199	0.363253	-4.01322	19.21569	167	29.5301
41.14361	-96.0142	5.592341	2.206784	0.977945	-7.65255	31.37255	167	29.8254
41.14358	-96.0142	9.320568	2.1195	1.017896	-6.35244	36.47059	167	30.1207
41.14351	-96.0142	12.42742	-0.46644	0.16189	-5.62369	36.47059	167	39.86563
41.14346	-96.0142	14.91291	1.267565	4.178701	-2.1814	33.72549	167	43.11395
41.1434	-96.0142	18.01976	0.503439	0.524349	-0.32995	35.68628	167	45.47635
41.14331	-96.0142	23.6121	1.350602	1.861044	-6.46471	38.43137	167	48.42936
41.1432	-96.0142	24.23348	-1.8039	-1.12549	1.810344	37.64706	167	48.72467
41.14311	-96.0142	25.47622	-1.16186	0.904801	-0.45017	42.35294	167	49.31527

41.14301	-96.0142	26.71896	-1.61773	2.199835	-0.05316	41.56863	167	50.49647
41.14289	-96.0142	29.20445	0.648011	-2.19323	-1.11819	40.78431	167	50.49647
41.14279	-96.0141	30.44719	5.392633	-1.33151	0.219707	39.60784	167	50.49647
41.14267	-96.0141	32.31113	4.940162	-1.55429	1.206116	39.60784	167	50.49647
41.14252	-96.0141	33.55404	2.428803	1.34082	2.326556	39.21569	167	51.08707
41.14238	-96.0141	34.79679	-0.68159	0.45161	-0.18488	39.21569	167	52.85888
41.14222	-96.0141	36.03953	-1.84818	-1.56197	1.302334	39.21569	167	54.92599
41.14206	-96.0141	37.28227	-1.66869	-0.2248	0.119963	38.03922	167	55.81189
41.1419	-96.0141	38.52501	-2.04326	-0.09271	-1.10086	35.29412	167	53.74478
41.14175	-96.0141	38.52501	-0.05622	1.064096	3.009542	36.47059	167	48.42936
41.14159	-96.0141	38.52501	-0.4722	-1.34201	0.878257	30.98039	167	44.29515
41.14145	-96.0141	38.52501	0.280203	0.280039	-1.62742	32.15686	167	42.22804
41.14131	-96.0141	38.52501	-0.22673	0.368393	0.837891	32.15686	167	41.93274
41.14117	-96.0141	38.52501	-0.8973	-1.97274	0.344083	30.19608	167	41.34214
41.14102	-96.0141	37.90364	-0.62737	-1.93604	0.804169	30.98039	167	38.97973
41.14086	-96.0141	37.28227	0.239533	-0.36899	0.630442	30.19608	167	37.79853
41.14071	-96.0141	37.28227	-0.15307	-1.79727	0.44958	29.41176	167	36.32202
41.14057	-96.0141	36.6609	-0.01155	-0.39017	0.431765	29.41176	167	36.32202
41.14042	-96.0141	36.6609	-0.19734	-0.96115	0.469859	30.98039	167	36.91262
41.14027	-96.0141	36.6609	0.014053	0.777229	0.256266	30.58824	167	36.91262
41.14013	-96.0141	36.6609	-0.36213	0.632702	-0.10573	30.98039	167	37.20793
41.13999	-96.0141	36.6609	0.067031	-0.26547	-1.5256	30.98039	170.6	37.50323
41.13983	-96.0141	36.6609	0.589265	1.014481	-0.25901	31.37255	170.6	37.50323
41.13967	-96.0141	36.6609	0.357057	0.247701	-0.53582	32.15686	170.6	37.79853
41.13951	-96.0141	36.6609	0.377689	-0.72045	-0.58562	32.15686	170.6	38.09383
41.13936	-96.0141	36.6609	-0.67424	-0.15626	2.526562	31.37255	170.6	38.09383
41.13921	-96.0141	36.6609	0.676353	1.917208	-1.72041	32.94118	170.6	40.16093
41.13909	-96.0141	36.6609	0.672947	0.815821	-2.03754	33.33333	170.6	40.75154
41.13892	-96.0141	36.6609	-0.85453	0.394972	-0.23956	32.94118	170.6	41.34214
41.13877	-96.0141	36.6609	0.571457	-0.71499	1.505421	30.58824	170.6	41.63744
41.13861	-96.0141	36.03953	0.576654	-0.04247	-0.54429	29.41176	170.6	39.57034
41.13846	-96.0141	34.79679	-0.72105	-2.38222	-1.57675	27.05882	170.6	37.50323
41.13836	-96.0141	33.55404	-1.16491	-2.07383	-1.2312	22.7451	170.6	35.73142
41.13821	-96.0141	32.31113	-0.51732	-0.63512	2.187295	0	170.6	31.00661
41.1381	-96.0141	31.06856	-0.17331	0.566486	2.875757	1.568627	170.6	30.1207
41.13799	-96.0141	27.9617	-0.77884	-1.45069	2.71273	3.921569	170.6	29.5301
41.13789	-96.0141	24.85485	-0.01464	-0.43476	3.353132	9.803922	170.6	29.5301
41.13779	-96.0141	21.12662	-0.68249	-0.24316	3.04946	16.07843	170.6	29.5301
41.13772	-96.0141	17.39839	0.104305	2.062396	1.396675	18.03922	174.2	29.5301
41.13771	-96.0141	11.80605	-0.71494	-0.08414	0.704297	18.03922	174.2	29.5301
41.13767	-96.0141	8.699197	1.881701	2.378291	1.716505	18.82353	174.2	29.8254
41.13764	-96.0141	4.349598	1.284428	-1.0988	-4.01058	16.86275	174.2	29.8254
41.13763	-96.0141	3.106856	0.302283	0.658263	-1.7152	18.82353	174.2	29.8254
41.13762	-96.0141	2.485485	-0.72024	0.38756	-1.73474	19.21569	174.2	29.8254
41.13761	-96.0141	1.864114	0.242434	0.263795	-2.34903	20	174.2	29.8254
41.13763	-96.0141	1.864114	0.210253	0.338919	-2.5656	20.39216	174.2	29.8254
41.13763	-96.0141	1.864114	0.222253	0.313298	-1.35398	20.39216	174.2	29.8254

41.13762	-96.0141	1.864114	0.274342	0.396386	-1.98101	17.2549	174.2	30.1207
41.13762	-96.0141	1.864114	-0.092	-0.05158	-1.29976	18.82353	174.2	30.1207
41.13763	-96.0141	1.864114	-0.08428	-0.15904	0.647167	18.03922	174.2	29.8254
41.13761	-96.0141	1.864114	0.329447	0.135739	-2.35623	19.21569	174.2	30.1207
41.13762	-96.0141	0	0.254494	0.512617	-3.30741	18.82353	174.2	29.8254
41.1376	-96.0142	2.485485	-0.43813	0.310055	-2.27087	23.13725	174.2	29.5301
41.13758	-96.0142	4.349598	1.886107	2.16525	0.475685	22.35294	174.2	31.89251
41.13754	-96.0142	5.592341	1.704066	-0.43257	1.205966	10.98039	174.2	31.30191
41.13752	-96.0142	4.97097	1.763223	0.885659	-2.46166	16.47059	174.2	30.1207
41.13747	-96.0142	6.213712	0.27183	1.892526	-4.52192	21.96078	176	31.59721
41.13744	-96.0142	8.699197	0.299125	0.426945	-0.51197	30.58824	176	36.02672
41.13738	-96.0141	11.80605	-5.86939	-0.84115	2.834998	11.37255	176	33.95961
41.13733	-96.0141	9.320568	-4.63435	1.292856	6.974943	16.86275	176	31.30191
41.1373	-96.0141	5.592341	1.703297	-0.08943	5.460246	20.78431	176	30.416
41.1373	-96.0141	3.106856	1.16925	-0.81322	3.057435	19.60784	176	30.1207
41.13728	-96.0141	1.864114	0.523589	0.189069	-2.40953	20.78431	176	30.1207
41.1373	-96.0141	0	0.760778	0.087897	-0.91981	21.17647	176	30.1207
41.13732	-96.0141	0	0.456734	0.114071	-0.54073	21.56863	176	29.8254
41.13731	-96.0141	0	0.247507	0.09096	-0.51552	21.56863	176	29.8254
41.13733	-96.0141	0	0.315462	-0.03694	-0.42826	21.56863	176	29.8254
41.13762	-96.0108	56.54478	-1.16635	-1.59304	1.079055	56.86274	174.2	59.3555
41.13774	-96.0104	57.78752	0.363198	-0.97353	0.714697	37.2549	174.2	55.51659
41.13788	-96.01	57.78752	0.809007	-0.38122	1.862842	20	174.2	50.79177
41.13795	-96.0097	57.78752	-0.09742	-0.5289	1.478608	11.37255	174.2	38.38913
41.13805	-96.0094	57.78752	-0.37414	1.517136	1.919853	11.37255	174.2	37.20793
41.13807	-96.0091	57.78752	-1.25012	1.212968	3.21728	10.58823	179.6	36.32202
41.13811	-96.0088	57.16615	0.286155	3.220624	1.679173	9.411765	179.6	35.73142
41.13816	-96.0085	57.16615	-1.24848	0.6316	1.541062	12.15686	179.6	35.43612
41.13822	-96.0082	56.54478	0.805383	0.874799	1.456395	12.94118	179.6	35.43612
41.13829	-96.0079	56.54478	-0.4523	1.102897	0.684314	14.5098	179.6	35.73142
41.13834	-96.0076	56.54478	0.923784	5.397943	1.697177	20.78431	179.6	37.20793
41.1384	-96.0073	56.54478	0.004873	-0.23775	0.512751	26.66667	179.6	38.38913
41.13844	-96.007	55.92341	0.344546	-1.73054	0.737244	26.66667	179.6	39.57034
41.13852	-96.0067	57.16615	0.186258	-3.90703	-0.14154	26.27451	179.6	40.75154
41.13862	-96.0064	57.16615	0.560536	-0.49034	-0.65925	26.27451	179.6	40.75154
41.13865	-96.0061	57.78752	0.039757	6.8538	2.307192	26.66667	179.6	40.75154
41.13868	-96.0059	57.16615	0.560718	-1.94654	1.372146	28.62745	179.6	41.34214
41.13872	-96.0056	57.16615	-0.91636	-1.91881	-1.74406	31.76471	179.6	43.11395
41.13881	-96.0053	57.16615	-0.75366	-0.9611	-0.17273	33.72549	179.6	44.88575
41.13888	-96.005	57.16615	1.123837	-5.13716	-3.07198	39.21569	179.6	47.83876
41.13892	-96.0046	57.78752	0.101527	1.842404	-1.8678	42.35294	179.6	49.31527
41.13894	-96.0043	57.78752	0.875946	-0.15593	-0.19785	41.96078	179.6	50.49647
41.13894	-96.0041	57.78752	0.306629	-1.5843	-0.30159	45.09804	179.6	50.79177
41.13897	-96.0038	57.78752	0.616846	-0.45748	-0.99833	46.66667	179.6	52.56358
41.13897	-96.0035	57.78752	0.038769	-1.0276	-1.90576	47.84314	179.6	54.04008
41.139	-96.0032	58.40889	-0.3009	1.217577	1.120072	47.84314	179.6	54.63068
41.13904	-96.0029	58.40889	0.439502	0.457524	0.232945	45.88235	179.6	54.92599

41.13904	-96.0026	58.40889	0.087255	1.94298	3.651263	45.4902	179.6	55.22129
41.13908	-96.0023	58.40889	0.452757	-0.22156	0.621037	45.4902	179.6	55.81189
41.13915	-96.002	58.40889	-0.21048	-2.3498	0.119795	45.88235	179.6	56.10719
41.13918	-96.0017	58.40889	-0.2983	0.73625	0.492602	45.09804	179.6	55.81189
41.1392	-96.0014	58.40889	-0.14256	2.147276	-1.04283	43.92157	179.6	55.51659
41.13924	-96.0011	59.03026	0.142676	-0.43129	-0.96813	41.96078	179.6	55.51659
41.13928	-96.0008	59.03026	0.384714	0.402516	-0.13112	39.21569	179.6	53.74478
41.13931	-96.0004	58.40889	-0.46674	-0.57273	2.037336	37.2549	179.6	51.67767
41.13932	-96.0001	59.03026	-0.42361	0.563624	-0.76696	36.07843	179.6	49.31527
41.13937	-95.9998	59.03026	-0.3253	-2.5951	0.244813	35.29412	179.6	48.72467
41.13942	-95.9995	59.03026	-0.25976	-0.07768	-0.75614	36.07843	179.6	48.42936
41.13943	-95.9992	59.03026	0.184685	0.474094	0.182982	35.68628	179.6	48.72467
41.13948	-95.9989	59.03026	0.30198	0.787917	0.520988	33.72549	179.6	48.13406
41.1395	-95.9985	59.65163	0.234547	0.921584	0.223859	32.54902	179.6	47.24816
41.13955	-95.9982	59.65163	-0.29772	1.222052	0.430921	25.4902	185	47.24816
41.13959	-95.9979	59.65163	-0.74652	0.992768	0.664702	24.31373	185	43.40925
41.1396	-95.9976	59.03026	0.389026	-3.15301	2.537418	24.70588	185	42.52334
41.13961	-95.9973	59.03026	0.707932	-1.46243	-1.18607	23.13725	185	41.63744
41.13964	-95.997	59.03026	-0.56872	1.475808	0.227992	25.4902	185	41.04684
41.13965	-95.9967	59.65163	-0.33711	0.668613	-0.1859	27.84314	185	42.52334
41.13971	-95.9964	59.65163	1.118619	-0.15912	0.167633	24.70588	185	43.99985
41.13973	-95.9961	59.65163	-1.33074	-3.94514	-0.69726	20	185	42.81865
41.13977	-95.9958	59.65163	-0.82852	-0.71248	0.531745	19.21569	185	38.97973
41.13979	-95.9954	59.65163	0.780109	3.379862	-0.16272	17.64706	185	38.38913
41.13982	-95.9951	59.65163	0.386031	5.532151	-2.02501	19.21569	185	38.38913
41.13982	-95.9948	59.65163	-0.02548	3.271961	-0.10172	16.07843	185	38.09383
41.13985	-95.9945	59.65163	0.007021	-1.80381	0.180461	9.411765	185	37.79853
41.13985	-95.9942	59.65163	0.058226	-0.1584	0.740464	8.235294	185	36.61732
41.13987	-95.9939	59.03026	-0.20061	-0.19334	-0.22461	9.019608	185	36.02672
41.13987	-95.9936	59.03026	-0.84068	-2.25569	-0.52562	10.19608	185	36.02672
41.13988	-95.9933	59.03026	0.049137	-1.35846	0.031	9.803922	185	36.02672
41.13988	-95.993	59.03026	0.008694	-0.23327	0.648408	0	185	36.02672
41.13988	-95.9927	57.78752	0.199755	1.424927	0.059393	0	185	33.66431
41.13989	-95.9923	57.16615	-0.08658	0.399723	0.630715	2.745098	185	34.55022
41.13987	-95.9921	57.16615	-0.1547	2.398223	2.041247	5.098039	185	35.14082
41.1399	-95.9918	56.54478	-0.23568	3.405947	1.217648	7.058824	185	35.14082
41.13992	-95.9914	56.54478	-0.46138	0.014092	0.200008	9.019608	185	35.14082
41.13995	-95.9911	56.54478	0.232459	-0.92212	-0.17036	8.627451	185	35.14082
41.13997	-95.9909	56.54478	-0.39261	-0.52102	1.313609	9.019608	185	35.14082
41.13998	-95.9906	55.92341	-0.06563	0.373077	-0.03089	4.313725	185	34.55022
41.14	-95.9902	55.92341	0.164512	-1.86599	-0.84709	2.352941	185	34.25492
41.14001	-95.9899	55.30204	-0.13321	1.44113	-0.60463	9.411765	185	34.84552
41.14001	-95.9896	55.30204	1.443283	0.521977	-0.45689	14.11765	185	34.84552
41.14002	-95.9893	54.68066	0.305422	-0.37773	-1.22122	17.2549	185	35.43612
41.14003	-95.989	54.68066	-0.97017	0.63407	1.227206	23.13725	185	35.73142
41.14003	-95.9887	55.30204	0.99032	-3.05796	-2.24235	29.01961	185	38.38913
41.14005	-95.9884	54.68066	-0.23289	-3.08367	1.305809	25.88235	185	38.38913

41.14	-95.9881	54.68066	-0.32405	-1.04036	-1.03509	21.17647	185	37.20793
41.14003	-95.9878	54.68066	-1.33038	1.116618	1.99698	20	185	36.61732
41.14002	-95.9875	54.05929	-2.39982	1.203324	0.840452	20	185	35.73142
41.14005	-95.9872	54.05929	-0.63753	-0.80001	-0.63476	21.56863	185	36.02672
41.14008	-95.9869	53.43792	0.357202	-0.01261	-0.71535	18.43137	185	35.43612
41.14011	-95.9866	53.43792	-0.56793	0.053527	-1.21177	18.03922	185	35.73142
41.14014	-95.9863	52.81655	-0.07266	-0.25957	0.254192	14.5098	185	35.14082
41.14017	-95.986	52.81655	0.013889	2.072558	0.108288	18.43137	185	35.73142
41.14019	-95.9857	52.19518	0.395816	1.402823	0.126386	21.17647	185	36.32202
41.14016	-95.9854	52.81655	0.647098	-1.90194	0.86315	25.88235	185	37.79853
41.14014	-95.9852	53.43792	0.143626	-0.10558	-0.4734	29.41176	185	38.68443
41.14016	-95.9849	53.43792	-0.10496	1.612282	0.685411	25.4902	185	38.97973
41.14016	-95.9846	53.43792	-0.04125	-1.48191	0.019849	25.88235	185	38.09383
41.14012	-95.9844	54.05929	0.519611	0.463247	-0.13314	25.88235	185	37.50323
41.14009	-95.9841	54.05929	0.798261	0.836299	-0.34355	27.45098	185	37.50323
41.1401	-95.9838	54.05929	-1.017	-2.46525	-1.06845	27.05882	185	38.38913
41.14013	-95.9835	54.68066	-0.28306	-0.4768	2.572202	26.27451	185	38.97973
41.14012	-95.9833	54.68066	-1.39853	-0.20719	-1.23372	27.45098	185	38.97973
41.14013	-95.9829	55.30204	-1.40544	-0.20207	0.733149	27.05882	185	39.27503
41.14015	-95.9826	55.30204	-0.86734	-0.91725	2.737211	19.60784	185	38.68443
41.14016	-95.9823	55.30204	-0.55171	-0.55825	-0.07831	16.07843	185	36.61732
41.14017	-95.982	55.30204	0.530627	-1.65933	-1.32994	12.54902	185	35.14082
41.14019	-95.9817	55.30204	0.490825	-0.85955	-0.3579	6.27451	185	34.84552
41.14015	-95.9814	54.68066	0.492159	-2.24113	0.629187	0	185	33.66431
41.14015	-95.9811	54.05929	0.316432	-2.54057	2.146409	0	185	32.48311
41.14014	-95.9809	52.81655	-1.36664	-0.90279	3.224108	0	185	31.59721
41.14013	-95.9805	52.19518	-0.87933	1.143431	2.008502	0	185	31.59721
41.14013	-95.9802	51.57381	-0.10735	-0.84601	-0.04342	0	185	31.59721
41.14013	-95.98	50.95244	0.814842	-0.44838	-2.27441	0	185	31.30191
41.14012	-95.9798	50.33107	-0.289	-1.0334	1.191089	0	185	31.30191
41.14011	-95.9795	49.08833	0.534096	-0.46354	-0.85157	0	185	31.00661
41.14012	-95.9793	48.46695	0.166321	-0.05998	-0.81717	0	185	31.00661
41.14011	-95.979	47.84558	-0.77804	-1.74962	0.253156	0	185	31.00661
41.1401	-95.9788	47.22421	0.468287	0.952179	0.407932	0	185	31.00661
41.14011	-95.9785	43.49598	0.407343	0.339205	1.592326	0	185	31.00661
41.14009	-95.9783	42.25324	-0.492	-2.50574	0.528973	0	185	30.416
41.14012	-95.9781	42.25324	0.418983	-0.44123	2.485331	0	185	30.416
41.14011	-95.9779	36.03953	0.491997	-1.05881	0.226194	0	185	29.8254
41.14011	-95.9777	33.55404	-0.30849	-2.60252	0.570616	0.392157	185	29.8254
41.14013	-95.9775	31.68993	-0.00701	-1.23129	1.055126	2.745098	185	29.5301
41.14014	-95.9774	26.09759	0.540061	1.861545	2.401954	3.529412	185	29.5301
41.14014	-95.9772	22.99073	0.432646	-1.50529	-0.55238	6.27451	185	29.2348
41.14014	-95.9771	19.88388	-0.80483	-0.99941	-0.15713	9.019608	185	29.5301
41.14015	-95.977	17.39839	-0.49555	-1.10431	0.094277	16.07843	185	29.5301
41.14016	-95.9769	14.91291	0.361756	-1.12667	-0.93394	15.29412	185	29.5301
41.14017	-95.9768	12.42742	-0.28431	-0.20039	0.183838	17.2549	185	29.5301
41.14016	-95.9767	9.941939	0.382333	1.010021	0.124277	18.43137	185	29.8254

41.14015	-95.9766	6.835083	-0.62647	0.692634	-0.19857	11.76471	185	29.8254
41.14014	-95.9766	4.97097	0.057806	0.163227	-2.01863	15.29412	185	29.8254
41.14016	-95.9766	4.349598	0.19869	0.323889	-0.6003	16.86275	185	29.8254
41.14017	-95.9765	3.106856	0.077058	0.084817	-0.82869	18.43137	185	29.8254
41.14015	-95.9766	1.864114	0.175072	0.088562	-0.79142	19.21569	185	29.8254
41.14013	-95.9766	1.864114	0.052008	0.062863	-0.2681	19.60784	185	29.8254
41.14012	-95.9766	1.864114	0.073687	0.486206	-1.33861	20	186.8	29.8254
41.14011	-95.9766	0	0.151842	0.162415	-1.48759	20.39216	186.8	29.8254
41.14011	-95.9767	0	0.117358	0.288164	-0.93415	22.35294	186.8	30.1207
41.14011	-95.9767	0	0.031246	0.174792	-0.82235	18.03922	186.8	30.1207
41.1401	-95.9767	0	0.075638	0.132266	-0.65008	18.03922	186.8	29.8254
41.14009	-95.9767	0	0.393007	0.430578	-2.2438	18.82353	186.8	30.1207
41.14009	-95.9767	1.864114	0.236307	0.257305	-2.2091	17.2549	186.8	30.1207
41.14008	-95.9767	2.485485	0.627824	0.492248	-3.67181	18.03922	186.8	30.1207
41.14009	-95.9767	6.213712	0.900968	0.883456	-3.7888	34.11765	186.8	31.89251
41.14008	-95.9767	9.941939	0.190902	1.383576	-1.89011	32.94118	186.8	35.43612
41.14008	-95.9767	16.15565	-0.2629	-0.65335	-0.62263	39.60784	186.8	41.34214
41.14008	-95.9767	16.15565	0.388696	1.292735	-1.0206	39.21569	186.8	41.34214
41.14007	-95.9765	24.23348	0.159024	1.118216	-0.10811	36.47059	186.8	46.95286
41.14006	-95.9764	26.71896	0.0584	0.935383	-1.75776	34.11765	186.8	48.13406
41.14006	-95.9762	29.20445	-0.04261	-1.57744	1.194312	40	186.8	48.72467
41.14006	-95.9759	32.31113	0.271526	-0.1087	0.343147	38.43137	186.8	49.90587
41.14007	-95.9757	34.17542	-0.23222	-0.9095	0.736915	31.37255	186.8	49.31527
41.14008	-95.9754	36.03953	-0.13453	-0.47596	1.246629	24.70588	186.8	46.65756
41.14008	-95.9753	37.28227	-0.16268	0.321557	2.487283	24.70588	186.8	42.22804
41.14008	-95.9751	39.14639	0.746274	2.908242	-0.95507	20.78431	185	39.57034
41.14008	-95.9748	40.38913	-0.88904	-2.84954	2.249135	31.76471	185	39.86563
41.14008	-95.9746	42.25324	-0.19531	1.127572	1.392381	31.37255	185	39.86563
41.14008	-95.9744	42.25324	0.029471	1.764927	-3.47481	29.80392	185	39.86563
41.1401	-95.9741	44.73873	-0.57414	-1.52716	-0.38756	30.98039	185	39.86563
41.1401	-95.9739	45.3601	0.545757	-0.37053	-1.34576	46.27451	185	40.45624
41.1401	-95.9736	45.98147	-0.19314	-0.25321	-0.88712	45.4902	185	39.86563
41.14009	-95.9734	47.22421	-1.00005	1.704386	-1.19081	38.03922	185	39.86563
41.14011	-95.9731	49.08833	0.187872	-2.24939	-0.79199	35.68628	185	39.86563
41.1401	-95.9729	49.70969	0.114161	-0.60225	0.330281	35.68628	185	40.16093
41.14003	-95.9726	49.70969	-0.07223	2.329691	-1.16961	34.90196	185	40.16093
41.14003	-95.9724	50.33107	0.381281	-2.48802	-1.26846	33.33333	185	40.75154
41.14002	-95.9722	51.57381	0.165131	-0.68024	3.381757	36.07843	185	41.63744
41.13998	-95.9719	52.19518	-0.2647	0.267678	-0.49106	42.7451	185	41.93274
41.13995	-95.9717	52.81655	1.60064	2.30046	-0.69281	48.62745	185	44.29515
41.13992	-95.9715	54.05929	0.772847	-3.66084	-0.12964	54.5098	185	47.54346
41.1399	-95.9711	54.05929	0.203253	-3.81009	-1.28116	54.5098	185	51.38237
41.13989	-95.9709	54.05929	0.590059	-0.72084	-0.24758	53.33333	186.8	51.38237
41.13984	-95.9706	55.30204	1.256956	0.175199	1.700128	52.54902	186.8	52.56358
41.13981	-95.9703	55.30204	0.237925	0.54858	0.651143	44.70588	186.8	52.85888
41.13978	-95.97	55.92341	-0.08507	-0.95081	0.771467	22.35294	186.8	50.49647
41.13973	-95.9697	54.68066	-1.04516	-0.33138	1.864089	12.54902	186.8	40.75154

41.13967	-95.9694	54.05929	-0.79848	-0.20563	0.469067	12.94118	186.8	36.91262
41.1396	-95.9691	52.19518	-1.37636	-3.72518	0.376397	10.98039	186.8	35.43612
41.13953	-95.9688	51.57381	-0.73938	1.074462	1.380626	12.94118	186.8	34.55022
41.13948	-95.9685	50.95244	0.28999	2.37917	-0.66953	18.03922	186.8	35.14082
41.13943	-95.9682	50.33107	-1.00583	0.40539	-1.65198	25.09804	186.8	36.02672
41.13935	-95.968	50.33107	-0.03511	-0.09804	-0.71734	28.62745	186.8	36.61732
41.13931	-95.9677	50.33107	1.309899	1.465444	-0.59407	30.19608	186.8	37.50323
41.13927	-95.9674	50.33107	-0.50272	-1.06142	0.173662	34.90196	186.8	38.38913
41.13923	-95.9671	51.57381	0.778896	-0.65404	-1.05545	32.54902	186.8	39.86563
41.13918	-95.9668	52.19518	-1.13297	-2.74915	-1.06651	34.11765	186.8	41.34214
41.13913	-95.9666	52.19518	-0.67053	2.101275	-1.20734	34.11765	186.8	42.22804
41.13906	-95.9663	52.81655	-0.21451	1.902769	1.280593	28.23529	186.8	42.52334
41.13899	-95.9661	53.43792	-0.70944	0.276877	2.299643	20	190.4	41.04684
41.13893	-95.9658	53.43792	0.85499	-1.97902	-0.60815	23.13725	190.4	37.50323
41.13887	-95.9655	53.43792	0.526029	-1.12098	0.533502	25.4902	190.4	36.91262
41.13883	-95.9652	53.43792	-0.36763	0.041497	-0.67052	25.88235	190.4	37.20793
41.13877	-95.965	54.05929	-0.3095	0.244431	-0.74953	28.62745	190.4	37.79853
41.13869	-95.9647	54.68066	0.189195	1.203064	-0.88872	32.15686	190.4	39.57034
41.13861	-95.9644	55.92341	0.073513	-1.0737	-0.93417	31.37255	190.4	41.63744
41.13856	-95.9641	55.92341	-0.32167	0.976406	0.288468	29.01961	190.4	40.16093
41.13851	-95.9638	56.54478	-0.06512	0.740672	0.15574	14.5098	190.4	37.79853
41.13844	-95.9636	56.54478	-0.97427	0.104682	0.480732	9.411765	190.4	36.32202
41.13838	-95.9633	56.54478	0.636103	1.092658	0.95081	5.098039	190.4	35.14082
41.13832	-95.963	56.54478	0.391394	-0.16515	0.87558	0.392157	190.4	34.55022
41.13826	-95.9627	55.92341	-0.34477	0.261403	2.22759	0.392157	190.4	34.25492
41.13821	-95.9624	55.92341	0.033648	1.227669	0.018104	2.352941	190.4	34.55022
41.13815	-95.9621	55.92341	0.142869	1.867084	0.904617	4.313725	190.4	34.25492
41.13809	-95.9618	55.92341	0.306282	0.12705	0.36452	5.490196	190.4	34.55022
41.13805	-95.9615	55.92341	0.446825	0.058868	0.270251	9.019608	190.4	34.84552
41.138	-95.9612	55.92341	0.110796	0.274455	-0.89597	15.29412	190.4	35.73142
41.13795	-95.961	55.92341	-0.61173	1.299804	1.997571	18.43137	188.6	35.73142
41.13791	-95.9607	55.92341	1.069178	1.31449	-0.97007	18.82353	188.6	36.32202
41.13787	-95.9604	55.92341	1.152429	-6.29093	-0.27573	20	188.6	36.61732
41.13781	-95.9601	55.92341	0.360294	-2.30609	0.727579	3.921569	188.6	34.55022
41.13778	-95.9598	54.68066	0.018119	1.031527	1.446323	0	188.6	33.07371
41.13778	-95.9596	53.43792	-0.44612	-0.22515	1.13012	0	188.6	32.18781
41.13778	-95.9593	53.43792	0.516289	1.716012	-0.21413	0	188.6	31.89251
41.13775	-95.959	51.57381	0.189523	-1.17559	-0.89488	0	188.6	31.89251
41.13774	-95.9587	50.33107	0.214317	-3.64763	0.579399	0	188.6	31.59721
41.13773	-95.9584	49.08833	0.026021	-2.31971	-0.80891	0	188.6	31.30191
41.13771	-95.9581	48.46695	1.629844	4.296977	2.627131	0	188.6	31.00661
41.1377	-95.958	47.84558	-0.84008	0.37556	0.194037	0	188.6	31.00661
41.13766	-95.9577	46.60284	-0.09737	-0.30214	-0.76521	4.313725	188.6	31.00661
41.13759	-95.9575	46.60284	0.27049	-1.51235	-1.61898	22.35294	188.6	31.89251
41.13757	-95.9573	47.22421	0.702189	0.338877	-2.616	34.90196	188.6	33.36901
41.13757	-95.957	47.84558	0.277477	-0.17004	-1.43853	37.64706	188.6	36.32202
41.13752	-95.9567	48.46695	-0.15539	-2.65159	-0.19903	34.5098	188.6	38.09383

41.1375	-95.9565	48.46695	-0.3235	0.225021	0.820531	20.78431	185	38.09383
41.13749	-95.9562	48.46695	0.763906	-1.12067	0.803833	14.5098	185	34.25492
41.13748	-95.9559	48.46695	0.801292	1.744539	0.174777	19.60784	185	33.66431
41.13748	-95.9557	48.46695	-0.63157	-1.47233	-0.9663	21.17647	185	33.95961
41.13747	-95.9554	48.46695	-1.04484	-0.48314	-0.28063	22.35294	185	34.25492
41.13754	-95.9551	48.46695	-0.07578	-0.62184	-0.01815	12.54902	185	34.25492
41.13753	-95.9549	47.22421	-0.17762	0.124998	0.929893	0	185	33.66431
41.13751	-95.9546	47.22421	-0.3771	-1.18049	0.191986	0	185	32.18781
41.13756	-95.9543	46.60284	0.64521	-0.20733	-0.11545	9.019608	185	32.18781
41.1376	-95.9541	45.98147	0.303449	-2.08327	-0.70739	0	185	31.30191
41.13762	-95.9538	45.3601	0.661985	-0.54311	-2.04463	12.54902	185	32.48311
41.13764	-95.9536	44.73873	-0.31209	-1.14471	-1.26501	0	185	32.18781
41.1377	-95.9533	44.11736	0.469163	-1.1242	0.92464	0	185	31.00661
41.13771	-95.9531	42.87461	0.101445	-1.58508	-1.27493	0	185	31.00661
41.13774	-95.9529	41.63187	0.162615	0.308668	1.153174	0	185	30.416
41.13774	-95.9527	40.38913	0.359565	-0.41532	-0.36856	0	185	30.416
41.13778	-95.9525	40.38913	0.545227	-2.42888	-2.17668	0	181.4	30.416
41.1378	-95.9523	39.76776	0.110806	0.311838	-0.36248	0	181.4	30.416
41.13781	-95.9521	37.90364	-0.539	-1.29876	1.676018	0	181.4	29.8254
41.13783	-95.9519	35.41816	0.760619	1.477906	1.068351	0	181.4	29.5301
41.13785	-95.9517	33.55404	0.840809	-2.52487	0.455943	0.784314	181.4	29.5301
41.13784	-95.9516	31.68993	0.44467	-2.59145	0.887721	1.176471	181.4	29.5301
41.13783	-95.9514	28.58307	-1.2888	0.25016	1.809379	2.352941	181.4	29.2348
41.13781	-95.9513	26.09759	-2.45049	-2.09258	0.799808	3.921569	181.4	29.2348
41.13782	-95.9512	22.36936	-1.774	0.501109	-0.43055	9.411765	181.4	29.5301
41.13784	-95.9511	18.01976	-1.30657	0.694046	1.733912	16.47059	181.4	29.5301
41.13786	-95.951	15.53428	-0.13053	-0.14049	1.451723	15.68627	181.4	29.8254
41.13789	-95.9509	11.80605	-0.40636	0.395216	-0.09822	17.2549	181.4	29.8254
41.13792	-95.9508	8.699197	-0.07005	-0.04456	-0.4527	17.64706	181.4	29.8254
41.13795	-95.9508	4.97097	0.725665	0.573846	-3.06427	14.11765	181.4	29.8254
41.13796	-95.9508	4.349598	-0.13494	0.933084	-1.19951	17.2549	181.4	29.8254
41.13796	-95.9508	3.728227	0.242741	0.260211	-1.63734	17.64706	181.4	29.8254
41.13797	-95.9507	1.864114	0.30453	0.349487	-1.4694	18.43137	181.4	29.8254
41.13797	-95.9507	1.864114	0.255392	0.151605	-1.32976	18.82353	181.4	29.8254
41.13799	-95.9506	1.864114	0.154537	0.225646	-0.76438	19.60784	181.4	30.1207
41.13798	-95.9505	0	0.278814	0.20027	-1.59078	19.60784	181.4	29.8254
41.13795	-95.9504	0	0.226254	0.309792	-1.28722	20.39216	181.4	30.1207
41.138	-95.9504	0	0.130117	0.266514	-1.05398	20	181.4	30.1207
41.13802	-95.9505	0	0.157686	0.031673	-0.69573	20	181.4	29.8254
41.13803	-95.9505	0	0.070555	0.12204	-0.64681	20.39216	181.4	30.1207
41.13802	-95.9505	0	0.052035	0.14843	-0.37584	20.39216	181.4	30.1207
41.13803	-95.9505	0	0.281614	0.128769	-1.7658	20.39216	181.4	30.1207
41.13801	-95.9506	1.864114	0.263838	0.286346	-1.45954	19.21569	181.4	30.1207
41.13799	-95.9506	1.864114	0.207123	-0.01739	-0.78041	18.03922	181.4	29.8254
41.13798	-95.9506	2.485485	-0.00803	0.269306	0.006685	18.03922	181.4	29.8254
41.13799	-95.9506	3.106856	0.159106	-0.13221	-0.15874	17.64706	181.4	29.8254
41.13799	-95.9506	3.728227	-0.69136	-0.35755	0.185665	17.2549	181.4	29.8254

41.13798	-95.9506	3.728227	-0.22514	-0.23641	-0.163	17.2549	181.4	29.8254
41.13799	-95.9506	4.349598	0.21529	0.277491	0.974133	16.86275	181.4	29.8254
41.13798	-95.9506	4.349598	-0.19322	0.439644	1.67685	16.07843	181.4	29.8254
41.13797	-95.9506	3.728227	-0.25216	-0.33685	1.79138	17.2549	181.4	29.8254
41.13796	-95.9506	3.728227	-0.43493	-0.43509	1.137569	18.03922	181.4	29.8254
41.13798	-95.9506	8.077826	-0.55163	0.04516	1.710564	4.313725	181.4	30.1207
41.13799	-95.9506	7.456454	-0.0096	-0.3499	0.442534	8.627451	181.4	29.5301
41.13799	-95.9506	7.456454	-0.26382	-0.13695	0.297279	9.019608	181.4	29.5301
41.13799	-95.9506	6.835083	-0.33343	-0.39621	0.475411	9.019608	181.4	29.5301
41.13798	-95.9506	6.835083	0.220326	-0.35535	0.566166	7.843137	181.4	29.5301
41.13798	-95.9505	6.835083	-0.08525	0.624703	0.683433	7.843137	181.4	29.5301
41.13795	-95.9505	6.213712	-0.12264	0.591203	0.538127	6.666667	181.4	29.8254
41.13793	-95.9504	6.213712	0.295079	-0.61649	0.253742	7.058824	181.4	29.5301
41.13792	-95.9504	6.213712	-0.66115	0.109241	0.980655	11.37255	181.4	29.5301
41.13795	-95.9503	4.349598	-0.01326	-0.02583	0.665092	13.72549	181.4	29.5301
41.13794	-95.9502	3.728227	0.248133	-0.25725	-1.20494	15.29412	181.4	29.8254
41.13795	-95.9502	3.728227	-0.20813	-0.53305	-1.06263	16.47059	181.4	29.8254
41.13794	-95.9502	3.728227	-0.04591	0.528374	-0.57115	16.86275	181.4	29.8254
41.13796	-95.9501	3.728227	0.152118	-0.12052	-0.30532	16.86275	181.4	29.5301
41.13794	-95.9502	4.349598	-0.25065	-0.60567	0.262373	17.2549	181.4	29.8254
41.13796	-95.9501	4.349598	-0.22962	0.007512	-0.42974	16.47059	181.4	29.8254
41.13797	-95.9501	4.349598	-0.03506	0.062107	-0.13578	16.47059	181.4	29.8254
41.13797	-95.95	4.349598	-0.22693	0.637676	-0.25799	16.07843	181.4	29.8254
41.13795	-95.95	4.97097	0.079578	-0.23374	0.030861	14.90196	181.4	29.8254
41.13794	-95.95	4.97097	-0.14414	-0.1248	-0.0994	14.90196	181.4	29.8254
41.13792	-95.95	5.592341	0.449919	0.04289	-0.05364	14.11765	181.4	29.5301
41.13791	-95.95	5.592341	-0.1015	0.571077	-0.08557	13.72549	181.4	29.8254
41.13792	-95.95	6.213712	-0.09788	-0.52449	-0.09749	9.019608	181.4	29.5301
41.1379	-95.9499	6.213712	0.16025	-0.02055	0.144117	9.803922	181.4	29.8254
41.13792	-95.9498	6.213712	-0.00192	-0.31758	-1.82194	18.43137	181.4	29.5301
41.13793	-95.9498	8.077826	0.377601	0.018829	-0.51125	15.29412	181.4	30.416
41.13794	-95.9498	10.56331	-0.13313	0.657204	-0.31557	16.07843	181.4	31.00661
41.13799	-95.9497	12.42742	0.928607	0.318781	-2.11812	30.19608	181.4	32.77841
41.13803	-95.9496	13.67017	2.331229	0.127682	2.033185	15.29412	181.4	32.77841
41.13803	-95.9495	14.91291	0.573178	0.271632	-0.00401	33.33333	181.4	31.89251
41.13803	-95.9494	16.15565	-1.14693	1.865592	0.389012	24.31373	181.4	34.25492
41.13798	-95.9494	18.01976	-1.40201	1.6258	1.42227	33.72549	181.4	34.25492
41.13795	-95.9493	20.50525	-2.51101	0.449629	-0.77751	30.98039	181.4	35.43612
41.1379	-95.9493	22.36936	-0.72729	0.105949	-1.2777	30.58824	181.4	38.38913
41.13788	-95.9492	22.36936	1.026211	1.028716	0.214245	30.19608	181.4	38.38913
41.1379	-95.949	26.09759	-0.42503	0.653714	0.269204	32.15686	181.4	38.68443
41.13796	-95.9488	27.9617	-0.59048	-0.54119	0.566124	29.80392	181.4	38.09383
41.13799	-95.9486	28.58307	0.411902	-0.36351	1.992656	20	181.4	34.84552
41.13802	-95.9485	28.58307	-0.65701	-2.65367	3.334214	2.352941	181.4	32.18781
41.13804	-95.9484	26.09759	0.956798	1.808035	5.578354	4.313725	181.4	30.7113
41.13807	-95.9482	24.85485	-1.03628	-1.36867	0.534375	3.921569	181.4	29.8254
41.13811	-95.948	23.6121	0.187947	-0.35709	0.199541	4.313725	181.4	29.5301

41.13814	-95.9479	23.6121	1.061499	-0.80736	-0.53777	13.33333	181.4	29.5301
41.13817	-95.9477	23.6121	-0.11863	-1.00146	-0.19759	13.72549	181.4	29.8254
41.1382	-95.9476	23.6121	0.132283	-0.49448	0.200075	7.058824	181.4	30.416
41.13822	-95.9474	22.99073	-0.51658	0.1155	1.395539	5.882353	181.4	30.1207
41.13826	-95.9473	22.36936	-0.24998	-0.67762	2.17911	7.843137	181.4	29.8254
41.13832	-95.9472	18.64114	-0.47719	0.022205	1.831694	16.07843	181.4	29.8254
41.13835	-95.9471	16.77702	0.847029	-0.15343	3.132066	16.86275	181.4	29.5301
41.13838	-95.947	13.67017	1.961127	-1.27921	2.816891	16.86275	181.4	29.8254
41.13834	-95.947	11.18468	1.493885	0.256969	-2.31458	18.43137	181.4	29.5301
41.13837	-95.947	8.077826	4.861605	0.586368	-5.81686	18.43137	185	29.8254
41.13839	-95.9469	11.18468	5.620346	1.264314	-3.32329	32.15686	185	31.89251
41.13842	-95.9467	13.67017	4.106149	-2.35709	-2.30467	31.37255	185	36.91262
41.13837	-95.9467	16.77702	2.135567	0.688242	-2.64309	30.98039	185	36.91262
41.13828	-95.9467	19.88388	-2.86971	0.523823	-3.14009	39.21569	185	43.70455
41.13816	-95.9467	21.74799	-2.93935	-1.12834	-1.74619	38.43137	185	46.06696
41.13806	-95.9466	24.23348	-0.4049	2.52128	-0.72357	38.43137	185	48.72467
41.13796	-95.9466	27.34033	-2.39811	-0.10187	-2.13662	41.56863	185	50.49647
41.13787	-95.9465	31.06856	-3.18548	-3.5519	0.425134	38.03922	185	51.08707
41.13776	-95.9464	32.93267	-4.19039	-4.01303	3.963688	34.11765	185	49.61057
41.13763	-95.9463	32.93267	-2.51855	-4.07475	0.211861	0	185	44.59045
41.13752	-95.9463	32.93267	-0.57639	-2.30102	2.591709	0.392157	185	32.18781
41.13742	-95.9462	32.3113	-0.68873	-3.7137	-0.39042	0.784314	185	30.416
41.13732	-95.9462	32.3113	-0.52397	-2.64215	-0.77749	9.019608	185	30.1207
41.13724	-95.9462	31.68993	1.443722	-1.29497	-1.12959	17.2549	185	31.00661
41.13712	-95.9461	32.3113	-0.1346	-5.4269	-0.12694	25.09804	185	32.18781
41.137	-95.9461	32.3113	0.527436	-1.47763	-0.98783	28.23529	185	33.07371
41.13687	-95.946	32.3113	2.022531	-0.78052	-7.02328	29.41176	185	34.25492
41.13675	-95.946	32.93267	-0.15797	-1.15959	-1.25569	29.80392	185	35.14082
41.13662	-95.9459	32.3113	-1.28783	-3.16232	-0.60951	29.01961	185	35.43612
41.13646	-95.9459	32.3113	1.032534	1.36714	0.912498	29.80392	185	35.43612
41.13633	-95.9459	32.3113	-0.21031	0.92552	0.242357	27.05882	185	35.14082
41.13611	-95.9459	31.68993	2.183037	-1.41912	-0.76431	26.66667	185	34.55022
41.13598	-95.9459	31.68993	-2.52122	-1.15663	-3.05852	28.23529	185	34.25492
41.13581	-95.9458	31.06856	0.410735	-0.88871	-0.16614	29.41176	185	34.55022
41.13567	-95.9459	30.44719	0.002606	1.356038	0.539956	32.15686	185	35.14082
41.13557	-95.9459	30.44719	-1.05108	1.894013	-1.01564	34.90196	185	38.97973
41.13543	-95.946	30.44719	0.631765	-1.69191	-0.16008	42.35294	185	44.29515
41.13533	-95.946	30.44719	-0.3633	-1.04586	-2.77868	45.88235	185	47.83876
41.1352	-95.9461	31.06856	-1.18597	-4.09081	-0.06817	46.27451	185	49.90587
41.13504	-95.9461	31.68993	0.244231	3.713568	-0.11773	45.88235	185	51.67767
41.1349	-95.9461	32.3113	0.413903	0.70486	0.908112	45.4902	185	52.26828
41.13477	-95.9462	32.3113	-0.69141	-1.59806	-1.01164	43.92157	185	51.97298
41.13463	-95.9463	32.93267	0.679443	1.339969	-0.60473	40.78431	185	51.67767
41.13451	-95.9463	33.55404	-1.05915	-2.35249	1.241012	32.15686	186.8	46.95286
41.1344	-95.9464	33.55404	0.849568	3.238373	-2.70929	32.94118	186.8	43.11395
41.13427	-95.9464	33.55404	-0.52641	-0.19346	-0.04834	33.72549	186.8	41.63744
41.13414	-95.9465	34.17542	-1.25262	-0.71758	-0.63851	39.60784	186.8	43.99985

41.13401	-95.9465	34.79679	-1.56699	-0.26646	-1.02576	48.62745	186.8	49.01997
41.13389	-95.9466	35.41816	1.176841	1.221778	-0.19409	49.41177	186.8	53.74478
41.1338	-95.9467	37.28227	-0.93765	0.603497	-1.33476	44.70588	186.8	55.51659
41.13364	-95.9468	37.90364	-0.02129	-2.2531	3.95032	34.11765	186.8	47.24816
41.13351	-95.9468	37.90364	-1.61066	0.475695	3.294281	26.27451	186.8	39.57034
41.13338	-95.9469	37.90364	1.468854	-0.69744	0.292013	30.98039	186.8	36.61732
41.13324	-95.947	37.90364	-0.59707	2.034119	1.713365	29.80392	186.8	36.91262
41.13311	-95.9471	37.90364	-0.82688	0.053087	1.082633	26.27451	186.8	35.43612
41.13298	-95.9471	37.90364	-0.7765	-0.76644	0.792258	20.39216	186.8	33.95961
41.13281	-95.9472	37.90364	-1.26124	-1.1554	0.374549	21.56863	186.8	33.36901
41.13267	-95.9473	37.90364	0.280171	0.096279	0.968435	18.43137	186.8	33.36901
41.13256	-95.9474	37.90364	-0.35279	-0.01497	-0.86816	12.54902	186.8	32.77841
41.13243	-95.9474	37.90364	0.599685	0.766058	0.545628	17.2549	188.6	32.48311
41.13228	-95.9474	37.90364	0.261575	0.439934	0.814417	16.47059	188.6	32.48311
41.13212	-95.9474	37.90364	-2.24173	-3.99192	3.758509	16.07843	188.6	32.48311
41.13198	-95.9475	37.90364	-0.29485	0.781216	-0.70834	23.13725	188.6	32.48311
41.13181	-95.9475	37.90364	0.589965	-0.58102	0.157077	23.52941	188.6	33.07371
41.13163	-95.9475	38.52501	0.882856	-0.98414	-0.85221	21.56863	188.6	33.07371
41.13148	-95.9475	37.90364	-0.14091	-1.63554	0.131086	18.82353	188.6	33.07371
41.13132	-95.9475	38.52501	0.853637	-1.29145	0.086534	26.66667	188.6	33.95961
41.13118	-95.9475	38.52501	0.689048	-2.06155	-0.68375	22.7451	188.6	34.25492
41.13102	-95.9475	38.52501	2.812957	-2.04687	-0.21217	16.86275	188.6	33.07371
41.13087	-95.9475	38.52501	0.997036	2.129526	1.15142	0	188.6	31.00661
41.13069	-95.9475	38.52501	-1.89079	1.910665	-0.41161	6.27451	188.6	31.00661
41.13052	-95.9475	38.52501	0.822416	-1.61892	-2.04649	5.098039	188.6	31.00661
41.13034	-95.9474	38.52501	-0.26683	-2.37926	1.678074	8.235294	188.6	31.30191
41.13015	-95.9474	39.14639	-0.67669	-2.05249	0.096999	9.803922	188.6	31.59721
41.13007	-95.9474	39.14639	0.257252	-1.38876	-0.7198	5.882353	188.6	31.59721
41.12992	-95.9475	39.76776	0.14072	1.018874	-1.93603	12.15686	188.6	31.59721
41.12978	-95.9475	39.76776	0.9777	3.964237	-3.00192	12.15686	188.6	31.89251
41.12954	-95.9474	41.0105	-0.04434	1.358664	1.091255	4.313725	188.6	31.59721
41.12936	-95.9474	41.63187	-1.5763	0.500928	-2.07435	3.529412	188.6	31.59721
41.12926	-95.9474	41.63187	-0.88596	-2.17105	3.362866	1.568627	188.6	31.89251
41.12912	-95.9475	41.63187	0.877429	-1.09844	-2.44839	3.921569	188.6	31.89251
41.12893	-95.9474	41.63187	2.576699	-1.78068	1.365703	6.666667	188.6	32.48311
41.12875	-95.9475	41.63187	-0.10313	3.089959	-1.53638	16.86275	188.6	32.48311
41.12856	-95.9475	41.63187	-1.44049	-3.63026	-0.42215	19.21569	188.6	33.36901
41.12839	-95.9475	42.25324	0.556762	0.516417	-2.03214	22.7451	188.6	33.66431
41.12823	-95.9475	41.63187	-0.16784	2.693364	-2.13617	27.84314	188.6	34.84552
41.12806	-95.9475	41.63187	0.513189	3.379974	-3.69875	27.84314	188.6	34.84552
41.12788	-95.9475	41.63187	-0.19925	0.111983	0.799969	28.23529	188.6	35.73142
41.12772	-95.9474	41.63187	-0.52047	-0.74875	-2.29255	28.62745	188.6	36.02672
41.12754	-95.9474	41.0105	-1.32073	-2.42316	-2.87687	28.62745	188.6	36.61732
41.12737	-95.9474	41.0105	0.898898	-0.3177	0.717379	27.45098	188.6	36.32202
41.12716	-95.9475	40.38913	0.210533	-0.47084	-0.87055	25.09804	188.6	35.43612
41.12704	-95.9475	40.38913	-1.29012	-4.57948	0.841177	27.45098	188.6	34.84552
41.12688	-95.9475	40.38913	-1.94928	0.585037	-3.92277	29.41176	185	35.43612

41.12672	-95.9475	40.38913	0.373295	0.071814	0.918778	29.41176	185	36.32202
41.12658	-95.9475	40.38913	-0.94079	-0.71861	1.073473	29.80392	185	36.61732
41.12641	-95.9474	40.38913	0.27733	-2.83705	-0.98697	29.80392	185	36.61732
41.12625	-95.9475	40.38913	1.919674	1.591307	-0.95231	29.80392	185	36.91262
41.12605	-95.9474	39.76776	-1.41294	-1.75742	1.937932	29.80392	185	36.91262
41.1259	-95.9474	39.76776	-0.71466	-0.32653	2.136971	29.80392	185	36.91262
41.12574	-95.9475	39.76776	-0.52157	4.48919	0.29489	29.80392	185	36.91262
41.12552	-95.9474	39.76776	0.252902	1.320692	-0.55539	27.84314	185	36.32202
41.12535	-95.9474	39.76776	-2.10697	-1.51854	0.606313	27.45098	185	35.73142
41.12518	-95.9474	39.76776	-0.11651	-1.44278	0.681201	24.70588	185	35.43612
41.12501	-95.9474	38.52501	-0.30049	-3.00733	3.986623	9.411765	185	34.55022
41.12489	-95.9474	37.28227	-0.70636	-2.09531	0.856161	8.627451	185	33.07371
41.12476	-95.9475	37.28227	-0.11645	0.581678	-0.60375	16.86275	185	32.18781
41.12463	-95.9475	36.6609	1.587446	3.143691	-1.92479	20	185	32.77841
41.12452	-95.9474	36.03953	0.444546	0.934338	0.116973	20	185	32.77841
41.1244	-95.9474	35.41816	-0.58122	0.207791	-2.4446	19.21569	185	32.48311
41.12424	-95.9474	35.41816	-1.2532	-1.29879	0.919729	17.2549	185	32.77841
41.12408	-95.9473	34.17542	-0.60105	-1.16464	0.971603	16.86275	185	31.89251
41.12395	-95.9472	33.55404	0.010151	-0.75278	-0.20272	16.86275	185	31.89251
41.12378	-95.9472	32.93267	0.993895	2.004861	1.913821	20.78431	185	32.48311
41.12365	-95.9473	32.93267	0.166832	-0.78903	1.071937	28.62745	185	33.66431
41.12353	-95.9473	32.3113	0.284334	2.060326	2.288573	30.58824	185	35.43612
41.12343	-95.9473	32.3113	1.628933	3.771947	1.36194	30.98039	185	36.02672
41.12328	-95.9473	32.3113	-1.21794	-2.60168	0.299106	19.60784	185	33.66431
41.12312	-95.9473	31.68993	-0.57471	0.803786	4.724589	0	185	31.89251
41.12303	-95.9473	27.34033	-1.10726	-0.81524	0.329551	2.352941	185	30.7113
41.12293	-95.9473	24.85485	-1.53534	-1.08799	2.026109	5.098039	185	30.1207
41.12277	-95.9473	23.6121	-2.22303	-2.66031	-0.8736	5.490196	185	29.8254
41.12268	-95.9473	22.36936	-0.24718	0.709139	0.010177	4.705883	185	29.5301
41.12263	-95.9473	22.36936	0.132794	-1.30004	-1.02776	5.490196	185	29.5301
41.12259	-95.9473	21.74799	0.435263	-0.78777	-0.69187	9.803922	185	29.5301
41.12251	-95.9473	21.12662	-0.42986	-0.26318	-0.96875	18.03922	185	29.5301
41.12244	-95.9473	21.12662	0.132203	0.290006	-2.60065	23.13725	185	31.59721
41.12233	-95.9473	22.36936	-0.28558	-0.9617	-2.81131	34.11765	186.8	35.14082
41.12224	-95.9473	22.99073	-0.01184	-0.43558	-1.48698	33.33333	186.8	37.20793
41.12214	-95.9473	24.23348	0.349167	-0.047	-1.34686	32.54902	186.8	38.97973
41.12205	-95.9473	26.09759	0.854942	-0.06305	-1.97875	31.76471	186.8	39.57034
41.1219	-95.9473	27.9617	0.173476	-0.41558	0.061052	30.19608	186.8	39.57034
41.1218	-95.9473	29.20445	0.352972	0.164732	-0.41283	24.31373	186.8	38.68443
41.12169	-95.9473	29.82582	-1.13441	3.282412	2.729132	6.27451	186.8	36.32202
41.12157	-95.9474	29.82582	0.936961	-0.09906	1.303505	18.03922	186.8	33.66431
41.12146	-95.9474	29.20445	1.014539	1.410747	-0.05991	3.921569	186.8	31.30191
41.12135	-95.9474	29.20445	-0.39178	-1.15555	0.594575	1.176471	186.8	30.1207
41.12122	-95.9474	28.58307	2.262385	1.669979	1.483456	1.960784	186.8	29.5301
41.12111	-95.9474	27.9617	0.156948	-1.55934	1.852729	3.137255	186.8	29.5301
41.12097	-95.9473	27.9617	-1.02518	-1.16978	0.704743	3.137255	186.8	29.2348
41.12085	-95.9473	27.9617	-0.44674	-1.41018	0.1851	1.960784	186.8	29.2348

41.1207	-95.9473	27.9617	0.103642	-1.62503	-0.27628	1.960784	186.8	29.2348
41.12061	-95.9473	28.58307	1.808268	0.495773	0.185605	1.960784	186.8	29.2348
41.12051	-95.9473	28.58307	0.229787	0.620738	0.815146	1.960784	186.8	29.2348
41.12039	-95.9473	28.58307	1.20506	-3.97093	-1.24154	3.137255	186.8	29.2348
41.12028	-95.9473	27.9617	0.269702	-1.04931	1.612716	3.921569	186.8	29.2348
41.1202	-95.9474	26.71896	-0.27701	-0.39593	0.543909	4.705883	186.8	29.2348
41.1201	-95.9474	25.47622	-0.682	-2.20396	2.024525	5.098039	186.8	29.2348
41.12	-95.9474	24.85485	3.016454	3.819269	-1.73939	5.490196	186.8	29.5301
41.11988	-95.9474	24.85485	-0.66527	-0.2917	1.227242	5.882353	186.8	29.2348
41.11981	-95.9474	24.23348	-0.45726	-0.54859	-0.06919	6.27451	186.8	29.2348
41.11973	-95.9474	22.36936	-1.59303	0.590677	2.268184	7.843137	186.8	29.5301
41.11964	-95.9474	21.12662	-2.85572	-1.674	1.364103	9.019608	186.8	29.5301
41.11957	-95.9474	19.26251	-2.77914	1.816371	1.451076	15.29412	186.8	29.5301
41.11953	-95.9474	17.39839	-0.86011	-2.27761	1.895409	16.86275	186.8	29.5301
41.11943	-95.9474	14.91291	3.665742	2.636448	2.871087	15.29412	186.8	29.8254
41.11934	-95.9473	11.80605	3.756315	-0.74886	1.164586	17.2549	186.8	29.8254
41.11931	-95.9473	8.077826	1.262703	-1.28232	0.954801	17.64706	186.8	29.8254
41.11929	-95.9473	2.485485	0.379834	0.44958	-0.0435	17.64706	186.8	29.8254
41.11928	-95.9473	1.864114	0.953186	0.867642	-3.86721	20	186.8	29.8254
41.11928	-95.9473	0	0.649877	0.679304	-2.86699	20.39216	186.8	29.8254
41.11927	-95.9473	0	0.57554	0.577242	-2.25285	20.39216	186.8	30.1207
41.11927	-95.9473	0	0.548269	0.38896	-1.72619	20.39216	186.8	29.8254
41.11928	-95.9473	0	0.455083	0.313825	-1.40031	20.39216	186.8	30.1207
41.11929	-95.9473	0	0.354828	0.300247	-1.19484	20	186.8	29.8254
41.1193	-95.9473	0	0.22054	0.18385	-0.87023	20.39216	186.8	30.1207
41.11929	-95.9473	0	0.16227	0.196003	-0.67366	20.39216	186.8	29.8254
41.11928	-95.9473	0	0.1827	0.1572	-0.46399	20.39216	186.8	29.8254
41.11928	-95.9473	0	0.149608	0.004667	-0.47018	20.39216	186.8	29.8254
41.11929	-95.9473	0	0.05876	0.04925	-0.2643	20.39216	186.8	29.8254
41.1193	-95.9473	0	0.102029	0.099663	-0.20676	20	186.8	30.1207
41.11932	-95.9473	0	0.024929	-0.03404	-0.20293	20.39216	186.8	29.8254
41.11931	-95.9473	0	0.01361	0.02215	-0.22496	20	186.8	30.1207
41.1193	-95.9473	0	0.064976	0.076688	-0.0771	20.39216	186.8	29.8254
41.1193	-95.9473	0	-0.00677	-0.05111	-0.11697	20.39216	186.8	30.1207
41.1193	-95.9473	0	0.048651	0.001329	-0.1008	20.39216	186.8	29.8254
41.1193	-95.9473	0	0.043324	0.058167	-0.08893	20	186.8	29.8254
41.1193	-95.9473	0	0.033658	-0.00944	-0.13674	20	186.8	30.1207
41.11929	-95.9473	0	0.028879	-0.07254	-0.05421	20	186.8	30.1207
41.11929	-95.9473	0	0.025331	0.04651	-0.1015	20	186.8	30.1207
41.11929	-95.9473	0	0.021718	-0.07385	-0.03031	20	186.8	30.1207
41.11929	-95.9473	0	0.022349	-0.01079	0.039082	20	186.8	30.1207
41.11928	-95.9473	0	0.264323	0.276227	-1.80247	20	186.8	29.8254
41.11929	-95.9473	1.864114	0.173419	0.475725	-2.18299	20	186.8	30.1207
41.11929	-95.9473	3.106856	0.782681	0.590482	-3.35502	23.52941	186.8	30.1207
41.11928	-95.9473	6.835083	0.500623	1.680281	-4.78355	34.11765	186.8	32.48311
41.11923	-95.9473	11.80605	0.168903	1.236562	-4.10742	38.82353	186.8	40.16093
41.11917	-95.9473	15.53428	0.182434	0.914945	-0.04439	25.4902	186.8	42.81865

41.11909	-95.9473	18.64114	-0.80468	-0.97821	4.513286	27.45098	186.8	37.20793
41.11898	-95.9473	20.50525	0.037686	2.369229	0.272052	30.58824	186.8	35.43612
41.11889	-95.9473	21.74799	0.423672	3.006691	2.437213	29.41176	186.8	34.84552
41.1188	-95.9473	21.74799	0.350656	-2.80022	2.519587	0	186.8	32.48311
41.1187	-95.9473	21.12662	2.505233	5.338507	4.491385	1.568627	186.8	30.7113
41.11863	-95.9473	19.26251	-4.45171	1.052321	1.898356	1.960784	186.8	29.8254
41.11857	-95.9473	18.64114	-4.85527	1.745894	1.152547	4.705883	186.8	29.5301
41.11852	-95.9472	17.39839	-8.48629	-4.49571	-0.72473	5.490196	186.8	29.5301
41.11846	-95.9471	16.77702	-5.72875	-0.95764	-0.37849	7.058824	186.8	29.5301
41.11842	-95.9471	18.01976	-0.74221	-0.67355	-2.19672	23.92157	186.8	29.5301
41.11838	-95.947	20.50525	4.690779	0.380694	-1.74812	32.15686	186.8	33.07371
41.11835	-95.947	22.36936	4.345527	0.691301	-1.36108	33.33333	186.8	35.73142
41.11834	-95.9469	24.23348	1.97147	-0.5366	-0.4715	32.94118	186.8	37.79853
41.11835	-95.9469	28.58307	1.648632	-0.22867	0.164893	29.41176	186.8	38.97973
41.11836	-95.9469	28.58307	0.719056	1.639511	1.013013	23.92157	186.8	37.79853
41.11837	-95.9469	30.44719	0.172179	-2.15306	1.445311	15.68627	186.8	35.14082
41.11837	-95.9468	32.93267	0.674579	-0.41731	-0.24942	25.09804	186.8	33.95961
41.11835	-95.9467	33.55404	-0.07452	0.171711	0.485027	14.5098	186.8	32.48311
41.11835	-95.9464	34.79679	0.192837	0.8388	2.013113	10.19608	186.8	31.59721
41.11834	-95.9462	35.41816	0.440356	-0.5929	0.616213	0	186.8	31.59721
41.11832	-95.9459	36.03953	-0.05375	0.218344	1.8883	0	186.8	29.8254
41.11831	-95.9457	36.03953	0.084251	-1.63261	1.281911	0	186.8	29.5301
41.11832	-95.9453	36.6609	0.02471	-0.34387	0.394958	0	186.8	29.5301
41.11833	-95.9449	36.6609	-0.49089	-0.5467	-0.1544	0	186.8	29.2348
41.11831	-95.9447	36.6609	0.030827	0.290072	1.102719	0	185	29.5301
41.1183	-95.9445	34.79679	-2.79046	-1.1085	4.065022	0	185	29.2348
41.11832	-95.9443	32.93267	-0.25366	-0.22769	2.613609	0.784314	185	29.2348
41.11833	-95.9441	29.20445	-0.5461	2.494496	1.191616	1.568627	185	29.5301
41.11834	-95.9439	26.09759	0.404635	-0.42114	-0.57036	3.921569	185	29.2348
41.11834	-95.9438	24.85485	0.169999	0.184472	-0.59711	4.313725	185	29.5301
41.11831	-95.9436	23.6121	-0.31469	0.312193	-0.06986	7.45098	185	29.5301
41.11829	-95.9435	21.74799	0.734954	1.522345	-1.50276	12.54902	185	29.5301
41.11825	-95.9433	20.50525	0.239873	-0.11475	0.463026	15.29412	185	29.5301
41.11821	-95.9433	17.39839	-0.60864	0.550294	0.377471	15.29412	185	29.5301
41.11819	-95.9431	16.15565	0.347236	-0.08702	-0.83429	16.47059	185	29.8254
41.11818	-95.9431	14.29154	2.660537	0.218902	-2.04778	10.58823	185	29.8254
41.1181	-95.9431	14.29154	1.232486	0.655528	-1.89522	14.5098	185	29.8254
41.11813	-95.9431	14.29154	1.969943	3.060547	1.022816	13.72549	185	29.8254
41.11803	-95.9405	26.71896	-1.03297	-0.47169	9.257972	0	186.8	32.48311
41.11808	-95.9402	23.6121	-1.41428	-0.18373	2.736375	5.882353	186.8	30.7113
41.11806	-95.9402	18.64114	-0.52165	0.961409	0.637175	5.882353	185	29.8254
41.11801	-95.94	17.39839	0.774927	0.802822	-0.58394	14.5098	185	29.8254
41.11803	-95.9399	15.53428	1.403562	0.424012	-1.1427	5.882353	185	29.5301
41.118	-95.9397	15.53428	0.00647	-0.62436	-2.4244	22.7451	185	30.1207
41.11799	-95.9396	16.15565	1.113464	-0.57518	-2.5134	34.90196	185	31.89251
41.11798	-95.9395	17.39839	1.369015	0.057929	-2.43166	34.11765	185	35.73142
41.11796	-95.9394	21.12662	1.074947	0.892829	-2.21233	35.68628	185	39.27503

41.11796	-95.9392	21.74799	0.187983	-1.5293	2.299931	20.39216	185	37.20793
41.11789	-95.9392	21.74799	-0.10555	-1.81457	1.006158	0	185	33.36901
41.11784	-95.9392	21.12662	0.229335	-1.82702	1.971138	10.98039	185	31.30191
41.11784	-95.9392	19.88388	0.214684	2.380707	2.640298	14.11765	185	30.416
41.11786	-95.9392	16.77702	-0.60743	-1.85242	2.739967	15.29412	185	30.1207
41.11786	-95.9391	14.29154	-0.34204	-0.87548	0.424432	10.98039	185	29.8254
41.11785	-95.939	13.04879	0.040708	-1.14316	1.074344	14.90196	185	29.8254
41.11784	-95.939	11.18468	-0.48932	0.156016	1.477551	16.07843	185	29.8254
41.11786	-95.9389	7.456454	0.084926	-0.55006	1.787805	16.47059	185	29.8254
41.11787	-95.9388	7.456454	0.273505	0.383172	-2.11786	10.98039	186.8	29.8254
41.11787	-95.9388	4.97097	0.20614	0.511435	-1.60934	14.11765	186.8	29.8254
41.11788	-95.9387	4.349598	0.335077	0.698322	-1.39199	14.5098	186.8	29.8254
41.1179	-95.9387	4.349598	-0.17397	-0.08883	1.599155	14.11765	186.8	29.8254
41.11786	-95.9387	3.106856	-0.25389	0.003365	0.845039	16.47059	186.8	29.8254
41.11783	-95.9387	1.864114	-0.17355	-0.10957	-0.05333	16.86275	186.8	29.8254
41.11783	-95.9387	1.864114	0.025566	0.313888	-1.33541	19.21569	186.8	29.8254
41.11782	-95.9387	0	0.327131	0.349925	-2.36728	18.43137	186.8	30.1207
41.11782	-95.9387	0	0.380613	0.31639	-1.73478	18.03922	186.8	30.1207
41.11784	-95.9387	1.864114	0.171076	0.281874	0.099586	18.03922	186.8	30.1207
41.11782	-95.9387	1.864114	0.265262	0.132514	-1.46365	17.64706	186.8	29.8254
41.11785	-95.9387	1.864114	0.453292	0.194368	-1.89019	23.92157	186.8	29.8254
41.11786	-95.9386	2.485485	0.610631	0.737961	-3.72296	26.27451	186.8	30.1207
41.11787	-95.9386	8.077826	0.3785	0.244862	-2.32314	28.62745	186.8	33.07371
41.11783	-95.9386	11.18468	-0.14679	0.153913	-0.93178	27.45098	186.8	33.07371
41.11783	-95.9385	13.04879	-0.09115	0.423048	-1.15784	31.37255	186.8	35.73142
41.11786	-95.9384	14.91291	1.030649	-0.14169	2.733969	32.15686	186.8	36.91262
41.11784	-95.9384	16.15565	0.558685	1.269972	1.043052	33.72549	186.8	37.50323
41.11785	-95.9383	18.01976	-0.35743	0.113093	3.130761	33.72549	186.8	36.32202
41.11784	-95.9382	18.01976	1.155234	-2.07142	2.362463	1.960784	186.8	32.77841
41.11783	-95.9381	17.39839	-0.75407	-1.38968	2.323804	2.352941	186.8	30.7113
41.11779	-95.938	17.39839	1.111496	0.598067	-0.22716	11.37255	186.8	30.1207
41.11778	-95.938	18.01976	0.561155	0.233789	-0.19391	35.68628	186.8	30.1207
41.11777	-95.9379	19.88388	0.409048	0.800385	-2.7977	32.54902	186.8	34.55022
41.11777	-95.9378	22.36936	0.333223	0.654744	-1.18096	32.94118	186.8	41.34214
41.11781	-95.9376	24.23348	-0.41196	-0.96938	-0.79706	36.47059	186.8	45.77166
41.11781	-95.9374	25.47622	-0.66241	-0.86838	1.724583	21.96078	186.8	44.59045
41.11781	-95.9373	26.09759	-0.20078	-1.08807	2.13242	4.705883	186.8	37.20793
41.1178	-95.9372	26.09759	0.159871	0.578843	2.355554	0	186.8	33.07371
41.11777	-95.937	24.85485	0.280351	-3.68698	-0.37216	10.58823	186.8	31.00661
41.1178	-95.9368	24.85485	0.146933	4.796596	-1.09817	17.64706	186.8	31.00661
41.11781	-95.9366	24.85485	1.035184	4.181898	1.10445	17.2549	186.8	31.30191
41.11779	-95.9365	25.47622	-0.07906	-1.535	-0.20789	2.745098	186.8	31.89251
41.11781	-95.9363	25.47622	-0.26125	1.292773	-0.75369	27.84314	186.8	30.7113
41.11779	-95.9362	26.09759	-0.5815	2.782255	-0.70669	35.29412	186.8	35.73142
41.11778	-95.9361	26.09759	0.401329	-0.33432	-2.56422	41.96078	186.8	35.73142
41.11777	-95.9359	29.82582	-0.17023	2.85315	-1.78449	44.31372	186.8	44.59045
41.11774	-95.9358	31.06856	0.608052	-0.75382	-0.8839	44.70588	186.8	49.61057

41.11774	-95.9357	32.3113	-0.72984	-0.57501	-0.10194	46.66667	186.8	52.26828
41.11768	-95.9356	34.17542	-0.92558	-0.49352	0.241302	46.27451	186.8	54.33538
41.11764	-95.9354	35.41816	0.957913	-1.73302	-0.67764	45.4902	186.8	54.63068
41.11765	-95.9352	38.52501	1.051754	2.843007	-0.20744	47.84314	186.8	55.22129
41.11763	-95.935	40.38913	-1.1466	-1.55564	1.549411	47.45098	186.8	56.10719
41.11761	-95.9348	41.63187	0.198022	0.793181	0.842533	46.66667	186.8	55.51659
41.11758	-95.9346	42.25324	-0.50705	0.59029	1.019907	40	186.8	54.92599
41.11757	-95.9344	42.87461	-0.53581	-0.57646	2.188774	33.72549	186.8	53.15418
41.11754	-95.9341	44.11736	-0.28724	-0.17345	0.202036	27.45098	186.8	46.65756
41.11753	-95.9339	42.87461	-1.34157	-1.04812	3.240387	23.92157	186.8	36.32202
41.1175	-95.9337	42.87461	-0.60364	-1.44064	-0.32793	24.70588	186.8	35.73142
41.1175	-95.9335	42.87461	1.238145	5.309453	2.808309	29.80392	186.8	36.61732
41.11749	-95.9332	42.25324	0.525372	-2.33008	-0.98293	30.98039	186.8	38.38913
41.11749	-95.933	42.25324	1.289098	-0.2843	0.975356	32.15686	186.8	40.75154
41.11748	-95.9327	41.63187	1.124211	-1.69859	-1.45989	32.15686	186.8	41.93274
41.11744	-95.9325	41.63187	1.518895	-1.53417	0.218129	32.15686	188.6	42.22804
41.1174	-95.9323	41.0105	-1.86767	-1.62743	-0.7027	32.15686	188.6	41.93274
41.11736	-95.932	41.0105	-0.52536	-0.28611	-1.53207	33.72549	188.6	42.22804
41.11729	-95.9318	41.0105	0.094028	-0.84278	-0.88408	33.72549	188.6	42.81865
41.11725	-95.9316	41.63187	0.973706	0.701968	-1.24469	32.94118	188.6	43.11395
41.11718	-95.9315	41.63187	-0.14666	-1.06128	2.702349	26.66667	188.6	43.11395
41.11712	-95.9313	41.0105	-0.57235	1.59085	2.000575	0	188.6	33.07371
41.11702	-95.9311	40.38913	-1.6833	-0.98703	2.384564	0	188.6	33.07371
41.11694	-95.9309	38.52501	-1.66914	-1.42749	0.724818	0	188.6	29.8254
41.11686	-95.9307	36.6609	-0.30715	0.856161	2.91462	0	188.6	29.5301
41.11677	-95.9306	34.17542	-1.03912	-2.1574	0.297706	0	188.6	29.5301
41.11669	-95.9304	31.68993	0.230884	0.691673	0.577805	1.568627	188.6	29.2348
41.11663	-95.9302	29.82582	1.286546	-5.56248	0.039961	2.352941	188.6	29.2348
41.11657	-95.9301	27.34033	-1.81426	-1.6374	-0.34632	2.352941	188.6	29.5301
41.11651	-95.93	26.71896	-0.47333	0.481543	0.445865	2.352941	188.6	29.2348
41.11645	-95.9299	26.09759	-0.354	-0.74154	-1.69905	3.137255	188.6	29.5301
41.11638	-95.9298	25.47622	-0.28633	1.206752	0.38509	2.745098	188.6	29.5301
41.11631	-95.9297	25.47622	-0.19589	-0.94903	-0.5177	3.921569	188.6	29.5301
41.11625	-95.9296	24.23348	-0.42854	-1.98974	-0.75333	3.921569	190.4	29.5301
41.11619	-95.9295	22.36936	-4.4478	0.177045	3.849265	5.490196	190.4	29.5301
41.11613	-95.9295	19.88388	3.137424	2.403118	0.066065	8.235294	190.4	29.5301
41.11604	-95.9294	18.01976	-0.83487	1.243782	0.894367	14.90196	190.4	29.5301
41.11599	-95.9293	15.53428	0.187212	2.205788	1.106135	12.15686	190.4	29.8254
41.11593	-95.9293	13.67017	-1.37516	0.074288	1.156809	14.11765	190.4	29.8254
41.11587	-95.9292	9.320568	0.865127	-0.4611	1.5637	16.47059	190.4	29.5301
41.11587	-95.9292	9.320568	0.458427	-0.25384	0.626769	16.86275	190.4	29.8254
41.11587	-95.9292	3.728227	0.042845	0.130746	-1.05647	14.90196	190.4	29.8254
41.11586	-95.9292	3.106856	-0.03394	0.389319	-1.7977	16.86275	190.4	29.8254
41.11584	-95.9292	1.864114	-0.26534	-0.00379	-0.92133	17.2549	190.4	29.8254
41.11589	-95.9292	1.864114	0.004837	0.058227	-1.19127	18.43137	190.4	29.8254
41.11586	-95.9292	0	-0.01813	0.19633	-0.84805	18.43137	190.4	29.8254
41.11586	-95.9292	0	0.259062	0.264335	-1.9197	19.21569	190.4	30.1207

41.11585	-95.9292	0	0.599902	0.568038	-3.46223	19.21569	190.4	30.1207
41.11589	-95.9291	1.864114	0.495728	0.551142	-2.92107	18.43137	190.4	29.8254
41.11583	-95.9291	3.106856	0.86116	0.943906	-4.01388	30.58824	190.4	30.1207
41.11581	-95.9291	7.456454	-0.44071	0.18281	-2.46679	28.62745	188.6	32.48311
41.11576	-95.929	11.80605	0.883295	-0.16786	-1.19621	28.62745	188.6	34.84552
41.11575	-95.929	14.29154	0.093262	0.446521	1.008638	23.52941	188.6	35.73142
41.11569	-95.9289	16.15565	0.634251	1.608664	0.241756	21.96078	188.6	34.55022
41.11563	-95.9289	17.39839	-0.31606	0.101103	0.137563	22.7451	188.6	33.36901
41.1156	-95.9288	20.50525	-0.33729	1.800853	0.701325	25.4902	188.6	33.07371
41.11556	-95.9287	22.36936	-1.0263	-1.03642	-0.42559	26.27451	188.6	33.36901
41.1155	-95.9286	23.6121	-0.4662	1.253728	-1.08909	32.15686	188.6	35.43612
41.11543	-95.9285	26.09759	0.694738	0.071315	-0.86725	32.54902	188.6	38.09383
41.11534	-95.9283	27.9617	-0.70549	1.615692	1.779103	31.37255	188.6	39.27503
41.11527	-95.9282	29.20445	-0.24667	-1.34612	-0.95123	28.62745	188.6	39.27503
41.1152	-95.928	30.44719	-0.58697	-1.89326	0.220395	15.29412	188.6	38.09383
41.1151	-95.9279	31.68993	-0.08635	-2.43979	-0.62941	6.27451	188.6	34.84552
41.11502	-95.9278	31.06856	0.455699	1.665814	3.05144	4.313725	188.6	31.89251
41.11493	-95.9277	31.06856	-1.25232	1.567697	4.819782	0	188.6	30.416
41.11485	-95.9275	30.44719	0.160695	3.412184	2.524809	5.490196	188.6	30.1207
41.1148	-95.9274	30.44719	0.816488	-0.82712	-1.62478	17.2549	188.6	31.00661
41.11471	-95.9273	30.44719	0.860496	-0.11298	-0.47068	3.137255	188.6	31.59721
41.11464	-95.9271	30.44719	-0.18009	3.826108	1.502098	7.843137	188.6	30.7113
41.11461	-95.927	29.82582	-1.27678	2.498034	2.327146	7.843137	186.8	30.7113
41.11455	-95.9268	29.82582	0.165497	-2.30282	-0.02777	20.78431	186.8	31.00661
41.11452	-95.9267	29.82582	-0.00912	-0.34809	-0.9197	22.7451	186.8	32.48311
41.11444	-95.9266	30.44719	-0.71743	-0.3446	0.787868	13.33333	186.8	32.18781
41.11432	-95.9265	29.82582	3.623203	2.881912	2.557246	0	186.8	30.416
41.11415	-95.9264	29.82582	-0.28793	2.722377	3.488867	1.960784	186.8	29.8254
41.11408	-95.9263	30.44719	0.638619	-0.33233	2.322525	10.19608	186.8	30.1207
41.11396	-95.9262	31.06856	0.094494	-6.02376	1.129031	12.94118	186.8	31.30191
41.11387	-95.926	32.3113	1.467317	-3.82597	-0.71231	0.784314	186.8	31.30191
41.11377	-95.9259	32.3113	0.339163	1.618878	0.29402	0	186.8	30.416
41.11366	-95.9258	32.3113	0.151564	-1.87924	1.533021	0	186.8	29.8254
41.11359	-95.9257	32.3113	2.273522	-3.00647	2.247751	0	186.8	29.5301
41.11348	-95.9256	32.93267	1.702739	2.836429	2.156654	0	186.8	29.2348
41.11338	-95.9255	32.3113	0.494313	-0.90452	0.713225	0	186.8	29.2348
41.11327	-95.9254	32.3113	-0.90386	-2.86412	-1.92776	0.784314	186.8	29.2348
41.11317	-95.9254	31.06856	1.337748	-0.77014	3.740787	0.392157	186.8	29.2348
41.11305	-95.9254	28.58307	-1.0445	1.577612	0.27002	0.784314	186.8	29.5301
41.11299	-95.9254	28.58307	-0.17448	0.621773	-2.37136	1.960784	186.8	29.2348
41.11292	-95.9254	28.58307	-3.28805	-2.48063	-0.99474	1.568627	186.8	29.2348
41.11284	-95.9253	27.9617	-1.03388	1.307497	-0.94587	6.666667	186.8	29.8254
41.11273	-95.9253	27.9617	-1.5198	-0.98907	-1.51347	1.960784	186.8	29.8254
41.11261	-95.9253	27.34033	-1.92458	-0.32166	-1.15538	1.568627	186.8	29.8254
41.1125	-95.9252	26.71896	-2.16379	1.929834	-2.65259	2.745098	186.8	29.5301
41.11238	-95.9252	26.09759	-3.27998	-1.26802	-0.28228	2.352941	186.8	29.5301
41.11232	-95.9251	25.47622	-1.03469	2.720612	1.510516	3.529412	186.8	29.5301

41.11223	-95.925	25.47622	-0.49277	-0.11548	-1.77097	3.529412	186.8	29.5301
41.11216	-95.9249	24.85485	0.232069	0.493714	-1.76823	3.529412	186.8	29.2348
41.11208	-95.9248	24.85485	-0.67415	0.722904	-0.25165	3.529412	186.8	29.5301
41.11205	-95.9247	24.23348	1.332594	0.530391	1.035966	5.098039	186.8	29.2348
41.112	-95.9246	22.99073	2.207015	-0.86374	1.795009	6.27451	186.8	29.5301
41.11195	-95.9245	21.74799	2.409276	0.582258	-0.13349	7.45098	186.8	29.5301
41.11192	-95.9244	20.50525	-0.70771	0.751389	0.37323	9.803922	186.8	29.8254
41.11189	-95.9242	18.64114	-2.55731	0.692248	-0.19817	14.5098	186.8	29.5301
41.1119	-95.9241	16.15565	-2.12094	-0.61768	-1.80203	15.29412	186.8	29.5301
41.1119	-95.924	16.15565	-0.27909	-0.85215	-0.10048	7.843137	186.8	29.8254
41.11185	-95.9239	14.29154	1.947482	0.566156	1.00328	7.843137	186.8	29.8254
41.11185	-95.9239	11.80605	1.206484	-0.34408	0.800895	13.72549	186.8	29.8254
41.11181	-95.9238	9.941939	2.265119	0.214486	1.318019	16.07843	186.8	29.5301
41.11182	-95.9237	7.456454	0.861306	-0.86076	0.996336	16.07843	186.8	29.8254
41.1118	-95.9237	5.592341	1.30902	0.083049	1.263052	7.45098	186.8	29.8254
41.11179	-95.9237	3.106856	0.383182	-0.48238	1.440329	14.90196	186.8	29.8254
41.11177	-95.9237	1.864114	0.826348	0.580904	-2.01856	18.82353	186.8	29.8254
41.11177	-95.9238	0	1.017114	0.572438	-3.74016	18.43137	186.8	29.8254
41.11175	-95.9238	1.864114	1.182972	0.899845	-6.04724	34.11765	186.8	30.7113
41.11176	-95.9237	6.213712	0.490925	0.442719	-3.81948	29.01961	186.8	32.77841
41.11175	-95.9237	8.699197	1.04594	2.671374	-1.78453	28.23529	186.8	33.66431
41.11174	-95.9237	11.80605	-0.74855	0.027653	-1.21938	32.94118	186.8	34.55022
41.11174	-95.9236	13.67017	-1.17819	-0.11963	0.588261	34.11765	186.8	35.73142
41.11168	-95.9236	16.15565	-0.74415	-1.49225	-0.35886	36.07843	186.8	38.38913
41.11165	-95.9235	19.88388	-1.30893	0.039706	0.102479	32.54902	186.8	38.68443
41.11164	-95.9234	20.50525	-2.70837	-0.62086	0.293571	24.70588	186.8	35.73142
41.11161	-95.9233	21.74799	-3.98308	-0.98102	0.169135	17.2549	185	32.77841
41.11161	-95.9232	22.36936	-0.18046	-0.13521	0.156835	16.86275	185	32.18781
41.11164	-95.923	22.36936	1.629618	1.334067	1.345701	0	185	31.89251
41.11165	-95.9229	22.36936	2.72912	1.646547	-0.28143	14.90196	185	30.416
41.11169	-95.9227	22.36936	4.55269	-1.05426	-0.12109	20	185	31.00661
41.11169	-95.9226	22.36936	5.722819	-1.66369	2.561644	22.7451	185	31.59721
41.11167	-95.9225	22.99073	3.096957	-1.13077	0.486557	22.35294	185	32.18781
41.11166	-95.9224	23.6121	2.480044	-0.14801	1.552996	22.35294	185	31.89251
41.1116	-95.9222	23.6121	2.964228	0.288414	1.978722	12.54902	185	31.30191
41.11156	-95.9221	23.6121	0.935281	0.519096	1.668573	14.11765	185	30.7113
41.11148	-95.9221	22.99073	1.283934	0.717023	1.514622	18.82353	185	30.416
41.11142	-95.922	22.99073	-1.88782	1.034637	-0.86765	20	185	31.00661
41.11132	-95.9219	24.23348	-3.6742	-0.63878	-1.29369	19.60784	185	31.59721
41.11124	-95.9218	24.85485	-3.5045	-1.8371	-2.61598	19.21569	185	31.89251
41.11113	-95.9218	25.47622	-1.72547	1.294503	-1.01342	19.21569	185	31.89251
41.11103	-95.9217	25.47622	-2.63684	0.392297	1.404666	16.07843	185	31.89251
41.11094	-95.9217	26.09759	-2.45213	0.958624	1.495115	1.176471	185	31.30191
41.11085	-95.9216	25.47622	-0.70431	0.581292	-0.10323	1.176471	186.8	30.1207
41.11073	-95.9215	25.47622	-2.57081	0.236563	0.498059	2.745098	186.8	29.5301
41.11063	-95.9215	25.47622	-2.33508	0.167025	-0.66556	3.137255	186.8	29.5301
41.11052	-95.9214	24.85485	-4.14206	0.165722	-0.46379	3.921569	186.8	29.5301

41.11045	-95.9213	24.23348	-2.53452	-0.5543	-0.6003	5.098039	186.8	29.5301
41.11037	-95.9212	24.23348	-2.18073	0.289556	0.088152	4.313725	186.8	29.5301
41.11032	-95.9211	24.23348	-1.72373	-0.10295	-0.18884	4.313725	186.8	29.5301
41.1103	-95.921	23.6121	-1.03621	-0.63136	0.409407	5.490196	186.8	29.5301
41.1103	-95.921	23.6121	-0.89952	0.40735	0.161385	5.882353	186.8	29.5301
41.11028	-95.9209	22.99073	-1.44271	0.181737	-0.08286	7.45098	186.8	29.5301
41.11028	-95.9207	22.99073	-0.10952	0.086865	0.388276	7.843137	186.8	29.5301
41.11027	-95.9206	22.36936	-0.24829	-0.70262	0.845762	7.45098	186.8	29.5301
41.11028	-95.9205	21.74799	-0.3022	-1.93943	-0.45953	8.627451	186.8	29.5301
41.11023	-95.9204	21.74799	0.062774	0.365169	-0.6929	10.19608	186.8	29.5301
41.11026	-95.9202	21.12662	-0.85827	-0.15758	-0.39321	12.54902	186.8	29.5301
41.11032	-95.9201	21.12662	-0.08169	-0.26041	0.681144	13.72549	186.8	29.5301
41.1104	-95.92	20.50525	0.93053	0.66836	-0.0819	14.5098	186.8	29.5301
41.11045	-95.92	19.88388	1.004694	-0.71889	-0.55758	14.11765	186.8	29.8254
41.11049	-95.9199	19.88388	-0.02045	-2.02729	-0.23661	13.33333	186.8	29.5301
41.11056	-95.9197	19.26251	1.174819	0.337439	-0.03272	13.72549	186.8	29.8254
41.11054	-95.9197	19.26251	0.878574	2.552446	0.727134	14.11765	186.8	29.8254
41.11061	-95.9196	18.64114	2.248846	0.901219	0.630001	13.72549	186.8	29.8254
41.11064	-95.9196	18.64114	1.016694	0.30355	-0.30373	13.72549	186.8	29.8254
41.11072	-95.9196	18.01976	7.42024	1.703669	2.399724	14.90196	186.8	29.8254
41.11086	-95.9195	18.01976	7.898976	-0.10657	-0.28468	19.60784	186.8	29.8254
41.11086	-95.9194	18.01976	4.7866	-1.44741	-1.85376	18.03922	186.8	31.00661
41.11086	-95.9193	18.64114	3.118374	-0.32951	1.464384	19.60784	186.8	31.59721
41.11084	-95.9192	18.64114	-2.67898	-0.67265	-0.72281	22.35294	186.8	31.59721
41.11087	-95.9191	19.26251	-2.96572	0.491437	-2.99004	25.88235	186.8	32.77841
41.11088	-95.919	19.88388	-2.56682	-2.76989	-1.14982	6.27451	186.8	33.07371
41.11085	-95.9189	19.88388	-4.09459	0.931633	2.938216	1.960784	186.8	31.30191
41.11087	-95.9188	19.26251	-2.7981	1.294838	1.536523	2.745098	186.8	30.416
41.11087	-95.9187	14.29154	-7.74331	-1.39598	2.287877	8.627451	186.8	29.8254
41.11088	-95.9186	12.42742	-7.35073	1.008517	0.550999	15.29412	186.8	29.8254
41.11093	-95.9186	11.18468	-9.2813	-1.40484	0.168355	17.2549	186.8	29.8254
41.11097	-95.9185	9.941939	1.702477	4.405525	-1.49564	17.64706	186.8	29.8254
41.11099	-95.9185	9.320568	-0.42595	4.190734	-0.39218	14.90196	186.8	29.8254
41.11101	-95.9186	8.699197	-0.80766	0.24789	-3.41438	16.86275	186.8	29.8254
41.11105	-95.9186	8.699197	-2.57335	0.814528	2.4597	20	186.8	29.8254
41.11107	-95.9186	9.320568	6.31222	2.119484	0.81379	15.68627	186.8	30.1207
41.1111	-95.9187	9.320568	3.565724	0.931192	-0.05273	16.07843	186.8	29.8254
41.11113	-95.9187	9.320568	1.151974	0.345539	-0.67647	16.86275	186.8	29.8254
41.11116	-95.9187	9.941939	3.781492	0.543548	0.582686	21.17647	186.8	30.1207
41.11118	-95.9187	11.18468	0.260613	-0.79596	-1.42658	20.39216	186.8	31.30191
41.11121	-95.9187	11.80605	0.925703	0.285817	-0.05798	16.86275	186.8	31.59721
41.11128	-95.9188	11.80605	2.069526	0.821074	1.91942	16.47059	186.8	30.7113
41.11134	-95.9189	10.56331	-2.54413	-1.53122	-0.93317	16.07843	186.8	30.1207
41.11134	-95.9189	9.941939	-1.63661	-3.03603	-2.23205	16.07843	186.8	30.1207
41.11138	-95.9189	9.941939	1.250311	1.56371	1.347592	16.47059	186.8	29.8254
41.1114	-95.9189	8.077826	2.636188	0.500231	0.4843	16.86275	186.8	29.8254
41.11141	-95.9189	7.456454	5.416687	0.528221	1.226868	7.843137	186.8	29.8254

41.11145	-95.919	7.456454	-0.56071	-0.39012	-0.45169	10.19608	186.8	29.8254
41.11147	-95.9189	6.835083	-2.11308	0.374618	-1.38384	10.58823	186.8	29.5301
41.11149	-95.9189	6.213712	-5.31763	0.755379	-0.50429	10.19608	186.8	29.8254
41.11151	-95.9189	6.835083	-3.27475	0.117856	-1.54232	22.35294	186.8	30.416
41.11152	-95.919	8.077826	0.787334	2.592996	0.889003	0	186.8	31.00661
41.11154	-95.919	7.456454	3.940325	0.873789	2.072259	8.627451	186.8	30.416
41.11158	-95.919	5.592341	2.054929	-0.93441	0.735991	10.19608	186.8	29.8254
41.11158	-95.919	4.349598	0.361258	-1.7684	1.989856	15.29412	186.8	29.8254
41.11157	-95.9191	2.485485	0.45762	-0.34868	0.613606	17.64706	186.8	29.8254
41.11156	-95.919	1.864114	0.999933	0.356043	-1.67694	19.60784	186.8	29.5301
41.11156	-95.9191	0	0.747551	0.111337	-1.20996	1.176471	186.8	29.8254
41.11157	-95.9191	0	0.429583	0.080472	-0.81996	3.921569	186.8	29.5301
41.11158	-95.9191	0	0.201657	-3.00149	4.929645	3.529412	186.8	29.5301
41.11159	-95.919	0	0.30688	0.342128	-0.17439	3.529412	186.8	29.5301
41.11161	-95.919	0	0.218628	0.345717	-0.91722	3.921569	186.8	29.5301
41.11164	-95.919	0	0.062505	0.033991	-0.05368	4.313725	186.8	29.2348
41.11162	-95.9189	0	-0.09698	-0.10208	0.096791	3.921569	186.8	29.5301
41.11156	-95.919	0	0.043804	0.13527	0.171512	3.921569	186.8	29.5301

Engine RPM	Intake air t	Absolute t	OBD requi	Input volta	Mass air fl	Boost (psi)	Acceleratio	Engine Pow
759	98.6	0	1	14.5	3.48324	-0.29008	0	7.91189
744	98.6	0	1	14.5	3.533284	-0.29008	0.454341	7.898169
744	95	0	1	14.5	3.533284	-0.29008	0.454341	7.898169
749	95	0	1	12.9	3.485935	-0.29008	1.034576	8.043693
747	95	0	1	13.1	3.546355	-0.14504	0.580235	8.310971
756	95	0	1	13.1	3.499991	-0.29008	-0.49378	8.580885
745	96.8	0	1	14.5	3.543331	-0.29008	0.458619	7.537372
747	96.8	0	1	14.5	3.489837	-0.29008	-0.09642	7.423581
746	96.8	0	1	14.5	3.483999	-0.29008	-1.56215	7.913614
783	96.8	1.960784	1	14.5	3.656799	-0.29008	-2.29935	5.932937
848	95	22.35294	1	13.2	3.656799	-0.29008	-2.29935	5.932937
1323	95	22.35294	1	13.2	4.13295	0.290076	-0.30935	15.94411
1500	95	30.98039	1	13	7.022393	1.595415	2.553034	28.10375
1623	95	34.11765	1	13	8.677546	3.045793	5.117269	35.97916
1736	91.4	34.90196	1	12.9	10.16506	4.49617	5.117269	41.04728
1841	91.4	35.68628	1	12.9	12.02812	6.38166	4.229876	47.26945
1735	91.4	34.90196	1	12.8	13.01971	6.816774	3.122959	46.47215
1761	91.4	31.37255	1	12.8	12.70975	7.251887	2.638767	50.40644
1653	87.8	25.09804	1	14.9	11.5476	5.511434	2.797816	40.8013
1596	87.8	21.96078	1	14.9	10.08571	3.770981	1.937968	25.81792
1478	87.8	21.96078	1	14.5	9.278479	2.900755	1.130544	22.74793
1429	82.4	21.17647	1	14.5	8.446516	2.610679	1.086363	24.97167
1429	82.4	0	1	14.3	7.270514	0.580151	0.527726	7.863984
746	82.4	0	1	14.3	3.693572	0	-0.52898	0.399507
741	82.4	0	1	14.4	3.575353	-0.29008	-1.04201	1.031253
717	82.4	0	1	14.4	3.551381	-0.29008	-2.03142	2.304762
739	82.4	0	1	14.6	3.437517	-0.29008	-4.41945	6.072914
751	82.4	0	1	14.5	3.600523	-0.29008	-5.38134	6.620518
747	82.4	0	1	14.5	3.590934	-0.29008	-5.77336	6.991292
754	82.4	0	1	14.4	3.619101	-0.14504	-5.26007	7.437582
962	82.4	17.64706	1	14.4	3.613707	-0.29008	-4.14269	7.035629
1300	82.4	20.39216	1	14.4	6.676497	0.725189	3.467865	19.25728
1401	80.6	21.96078	1	14.5	7.634537	1.595415	3.692966	22.29585
1651	80.6	28.23529	1	14.5	8.564074	2.465641	3.281798	26.24554
1783	80.6	31.76471	1	14.5	10.05029	3.480906	3.146362	31.88728
1787	77	33.72549	1	14.5	12.18572	5.511434	3.488648	46.57076
1739	77	34.11765	1	14.5	12.45813	6.526698	3.580448	48.51017
1812	77	34.5098	1	14.5	12.92248	6.961812	3.08391	49.38647
1846	71.6	34.90196	1	14.5	13.52019	7.396924	2.807916	49.72092
1846	71.6	34.5098	1	14.5	14.18839	7.832038	2.850815	49.10896
1745	71.6	33.72549	1	14.5	13.26058	7.541962	2.237553	51.6348
1688	71.6	30.98039	1	14.5	12.80236	6.816774	1.106726	47.0811
1517	68	20.39216	1	14.5	11.37654	5.076321	1.537387	34.45448
1415	68	14.90196	1	14.5	9.070966	2.755717	1.03098	22.89327
1338	68	0	1	14.4	7.966063	1.740453	-1.15415	15.50935
969	68	0	1	14.4	7.196372	1.015264	-1.64393	7.524329

824	68	6.666667	1	14.5	4.967256	0.290076	-1.41248	0
1163	68	12.15686	1	14.5	5.127938	0.145038	-1.60447	9.429077
1222	68	13.72549	1	14.5	6.017592	0.435113	-0.68177	13.01758
1253	68	19.21569	1	14.5	6.445777	0.725189	-0.6202	15.33824
1409	68	23.13725	1	14.5	6.800915	1.160302	0.197868	17.89973
1478	68	25.09804	1	14.5	8.986258	3.045793	0.602714	30.13131
1526	68	25.88235	1	14.5	9.664709	3.770981	0.516195	32.05773
1616	66.2	29.01961	1	14.5	10.59567	4.351132	0.930456	35.14573
1660	66.2	29.01961	1	14.5	11.03469	4.786245	0.983163	38.19333
1662	66.2	28.62745	1	14.5	11.21564	4.931283	1.120253	38.01089
1664	64.4	28.62745	1	14.5	11.31636	5.076321	1.144767	38.35224
1326	64.4	17.2549	1	14.4	10.35676	3.335868	0.26211	32.85965
1231	64.4	1.960784	1	14.3	7.512136	1.740453	-1.44401	13.00052
1030	64.4	5.882353	1	14.3	4.161363	0.290076	-2.897	5.101181
1030	62.6	17.64706	1	14.5	4.161363	0.290076	-2.897	5.101181
1327	62.6	8.235294	1	14.5	5.492775	0.725189	-1.32534	14.45676
1005	62.6	0	1	14.3	5.253479	0.435113	-1.6094	3.219973
734	62.6	0	1	14.3	3.866605	0	-3.48748	1.394075
734	64.4	0	1	14.5	3.67828	-0.14504	-5.37084	4.641614
747	64.4	0	1	14.5	3.674523	-0.14504	-5.88314	6.094176
1130	64.4	20.39216	1	14.6	3.743405	-0.14504	-4.92096	6.208416
1373	64.4	24.70588	1	14.6	7.77992	1.740453	2.534806	24.96441
1624	64.4	26.27451	1	14.6	9.270268	2.755717	4.402505	29.07822
1751	64.4	34.90196	1	14.4	10.4333	3.916019	3.693288	32.72632
1881	62.6	40.78431	1	14.5	12.13697	5.366396	3.693288	35.88231
1892	62.6	42.7451	1	14.5	16.71813	10.73279	5.407792	72.3311
2023	62.6	42.7451	1	14.5	18.65971	12.47325	5.481177	78.71307
2009	60.8	38.82353	1	14.5	19.30662	12.76332	4.713656	72.39287
1387	60.8	0	1	14.5	15.0491	6.816774	3.68134	41.77895
1137	60.8	0	1	14.4	6.200104	1.015264	-1.45871	0
736	60.8	0	1	14.4	4.101464	0.145038	-1.20922	0
736	60.8	0	1	14.5	3.713811	-0.14504	-2.12462	1.606783
734	60.8	0	1	14.5	3.7012	-0.14504	-3.25619	2.802322
728	60.8	0	1	14.6	3.7012	-0.14504	-5.06897	3.869874
780	62.6	4.705883	1	14.6	3.673457	-0.14504	-5.67319	6.092408
939	62.6	10.98039	1	14.6	3.922192	-0.14504	-0.55886	4.100936
1357	62.6	17.2549	1	14.4	6.621719	0.725189	1.160834	16.95061
1403	62.6	18.43137	1	14.4	7.579358	1.450377	2.676676	21.58816
1492	62.6	22.7451	1	14.5	8.676555	2.465641	2.519679	26.27742
1532	62.6	24.31373	1	14.5	9.092487	2.900755	1.689172	27.5371
1534	60.8	21.96078	1	14.5	9.569618	3.335868	1.82729	28.98212
1503	60.8	21.17647	1	14.5	9.613681	3.335868	1.001154	28.76895
1444	60.8	18.43137	1	14.5	9.019099	2.755717	1.305084	24.06307
1359	60.8	18.43137	1	14.5	8.608199	2.465641	1.362808	22.34606
1306	60.8	14.5098	1	14.5	7.683195	1.595415	0.639169	16.6207
1292	60.8	13.33333	1	14.5	7.251799	1.30534	0	13.33436
1284	60.8	4.705883	1	14.5	7.110981	1.160302	0.467325	12.81905

1187	59	4.705883	1	14.5	6.93609	0.870226	-0.16134	9.502864
1195	59	15.29412	1	14.5	6.369728	0.725189	-1.03167	6.889668
1270	59	17.2549	1	14.5	6.477813	0.870226	0	13.7796
1393	59	21.96078	1	14.5	7.079124	1.30534	-0.49473	17.86627
1469	59	25.88235	1	14.5	9.164723	3.19083	-0.49473	29.408
1710	59	27.45098	1	14.5	10.40733	4.061057	-0.60185	33.39531
1728	59	27.84314	1	14.5	11.53737	4.641208	-0.04679	32.44574
1755	59	27.84314	1	14.5	11.66223	4.641208	0.555066	33.21733
1757	59	27.45098	1	14.5	12.02391	4.931283	0.454259	31.64644
1768	59	22.35294	1	14.4	11.74973	4.351132	0	28.38305
1309	59	13.72549	1	14.4	8.111653	2.465641	-0.60199	17.2551
1309	57.2	14.5098	1	14.5	7.521965	1.740453	-0.99533	16.54312
1043	57.2	5.490196	1	14.5	7.283235	1.450377	-1.50461	13.91735
776	57.2	0	1	14.4	5.566669	0.580151	-2.13025	2.00702
740	57.2	0	1	14.4	3.97883	0	-2.13026	1.147629
729	57.2	0	1	14.4	3.757455	-0.14504	-2.85432	1.625666
732	57.2	0	1	14.5	3.701582	-0.14504	-5.58409	3.870273
744	57.2	0	1	14.5	3.777772	-0.14504	-5.58663	5.448187
763	59	12.15686	1	14.7	3.824342	-0.29008	-3.77608	4.550162
1559	59	25.09804	1	14.7	6.230632	0.580151	0.656063	16.17413
1704	59	29.01961	1	14.5	9.802692	3.335868	4.253185	30.74828
1799	59	29.41176	1	14.4	11.58567	4.786245	5.51423	36.34099
1677	59	30.19608	1	14.4	11.83249	5.511434	3.887057	39.24823
1733	59	30.19608	1	14.5	12.25808	5.801509	3.473911	40.65992
1638	55.4	25.88235	1	14.5	12.31444	5.656472	2.805925	38.62691
1224	55.4	0	1	14.5	10.28874	3.19083	2.593404	20.03145
857	55.4	0	1	14.4	4.542064	0.435113	-1.7401	0
750	55.4	0	1	14.4	3.89486	0.145038	-1.84884	0.982983
750	55.4	0	1	14.5	3.820283	-0.14504	-1.45751	1.790586
909	55.4	3.137255	1	14.5	3.887652	-0.29008	-1.30852	2.803326
981	55.4	5.882353	1	14.5	4.630723	-0.14504	-1.00375	5.509586
997	57.2	5.490196	1	14.5	5.101279	0.145038	-0.49007	7.54083
1071	57.2	6.666667	1	14.5	5.163834	0.145038	0	7.819479
1163	57.2	8.627451	1	14.5	5.661111	0.435113	0	9.184815
1187	57.2	9.019608	1	14.5	6.202973	0.580151	1.208195	10.51124
1214	57.2	10.58823	1	14.5	6.394604	0.725189	1.208195	11.06652
1253	57.2	8.235294	1	14.5	6.602345	0.870226	1.327265	12.37821
801	57.2	0	1	14.4	6.037561	0.580151	0.557222	4.788951
745	57.2	0	1	14.4	4.149464	0.145038	0	1.496057
750	57.2	0	1	14.4	3.822345	0	0	1.515929
746	57.2	0	1	14.5	3.810788	-0.14504	0	0.686975
749	57.2	0	1	14.5	3.764753	-0.29008	0	1.628823
749	57.2	0	1	14.5	3.764753	-0.29008	0.413802	1.628823
747	57.2	0	1	14.5	3.757211	-0.29008	0.902042	0.81278
742	57.2	0	1	14.5	3.792408	-0.29008	1.050153	0.546929
722	59	0	1	14.5	3.768883	-0.14504	0.561913	0.951189
735	59	0	1	14.4	3.618907	-0.29008	-0.83033	2.870492

738	59	0	1	14.4	3.721637	-0.14504	-1.40824	4.293785
744	59	0	1	14.4	3.764662	-0.14504	-3.46895	5.157815
752	59	0	1	14.4	3.764662	-0.14504	-3.46895	5.157815
739	59	0	1	14.5	3.80389	-0.14504	-3.41203	5.485854
737	59	0	1	14.5	3.739353	-0.14504	-3.15338	5.39278
755	59	0	1	14.5	3.730495	-0.14504	-0.57277	6.456007
903	59	22.7451	1	14.6	3.860209	0	-0.57277	5.28872
1490	59	29.01961	1	14.6	4.891217	0.870226	1.873688	14.63697
1592	59	30.19608	1	14.5	10.74605	4.641208	2.517941	39.13151
1661	59	30.19608	1	14.5	11.7946	5.801509	3.185282	43.37501
1645	55.4	30.19608	1	14.5	12.05624	5.946547	3.181716	43.90254
1644	55.4	28.62745	1	14.5	11.94191	5.946547	3.101876	42.19452
1656	55.4	29.41176	1	14.5	11.85181	5.801509	2.747082	41.44885
1676	53.6	29.41176	1	14.5	11.9365	5.801509	2.621083	40.88433
1691	53.6	29.80392	1	14.5	12.20598	5.946547	1.923158	41.36725
1708	53.6	27.05882	1	14.5	12.40626	6.091585	2.287477	41.59874
1394	53.6	15.29412	1	14.5	11.09926	4.351132	1.262235	28.81261
1338	51.8	10.19608	1	14.5	8.238051	2.030528	0	11.88066
1180	51.8	11.37255	1	14.5	7.628186	1.450377	0	8.525879
1202	51.8	11.76471	1	14.5	6.727943	1.160302	-0.71978	12.61368
1234	51.8	13.72549	1	14.5	6.727943	1.160302	-0.71978	12.61368
1278	51.8	14.5098	1	14.5	6.909931	1.160302	0	14.94793
1282	51.8	0	1	14.3	7.223989	1.30534	0	15.62732
762	51.8	0	1	14.3	4.428509	0.435113	-1.05244	1.756331
745	51.8	0	1	14.5	3.94825	0	-1.72571	1.138809
747	51.8	0	1	14.4	3.862701	0	-1.271	1.949734
745	51.8	0	1	14.4	3.821507	-0.14504	-3.28718	3.031193
731	53.6	0	1	14.4	3.740332	-0.14504	-3.37629	4.719917
752	53.6	0	1	14.4	3.819614	-0.14504	-3.30649	5.233103
743	53.6	0	1	14.5	3.846468	-0.14504	-4.47047	4.85385
746	53.6	0	1	14.5	3.836238	0	-4.78214	5.117566
755	53.6	0	1	14.5	3.855613	0	-4.87528	6.11649
825	53.6	13.72549	1	14.6	3.860534	-0.14504	-0.66426	5.84592
1240	53.6	15.68627	1	14.6	6.726979	0.725189	2.21233	15.03723
1491	53.6	21.96078	1	14.6	7.741089	1.740453	2.62947	20.37423
1628	53.6	23.52941	1	14.6	9.167136	2.755717	2.019519	25.78009
1829	53.6	29.80392	1	14.4	10.76482	4.061057	3.000587	31.4375
1762	53.6	34.90196	1	14.4	13.51507	6.236623	3.476353	40.44385
1838	53.6	34.90196	1	14.5	14.38375	8.412189	3.627156	54.97107
1873	53.6	34.90196	1	14.5	15.47476	9.137378	3.8785	54.6772
1906	53.6	32.94118	1	14.5	16.25759	9.862566	3.475242	55.09855
1758	50	32.94118	1	14.5	16.34707	9.572491	3.20545	51.86554
1703	50	25.09804	1	14.5	13.99113	7.687	1.962733	48.42617
1608	50	24.31373	1	14.5	12.67117	6.236623	1.337334	38.83217
1613	50	25.88235	1	14.5	11.12938	4.786245	1.426595	31.69964
1634	50	23.52941	1	14.5	11.07489	4.641208	0.466008	32.34304
1563	50	11.76471	1	14.5	11.22256	4.641208	-0.00263	31.96503

1330	50	0	1	14.4	9.593297	2.610679	-1.94816	21.79037
754	50	0	1	14.4	4.564406	0.580151	-2.60255	2.962191
754	50	0	1	14.4	3.92187	0	-2.57123	2.5452
723	50	0	1	14.4	3.876343	0	-2.64635	2.934929
741	50	0	1	14.5	3.759272	0	-2.74629	4.60828
752	51.8	0	1	14.5	3.815687	-0.14504	-2.69041	5.778009
765	51.8	0	1	14.5	3.858721	-0.14504	-3.39096	5.425806
742	51.8	0	1	14.6	3.806108	-0.14504	-2.79864	5.626278
836	51.8	1.960784	1	14.6	3.862571	-0.14504	-1.69642	6.266791
836	51.8	8.235294	1	14.5	3.862571	-0.14504	-1.69642	6.266791
1186	51.8	9.803922	1	14.5	6.45395	0.725189	-0.31582	14.19423
1239	51.8	13.72549	1	14.5	6.937929	1.160302	0.531922	15.50878
1382	51.8	15.68627	1	14.5	7.667318	1.595415	1.496189	18.24499
1385	51.8	15.29412	1	14.5	8.170078	2.030528	2.247029	19.73591
1322	51.8	13.72549	1	14.5	8.186333	2.030528	1.835288	20.07033
1054	51.8	0	1	14.4	7.676871	1.740453	0.551673	18.82129
802	51.8	0	1	14.4	5.844577	1.015264	-0.48239	4.8466
746	51.8	0	1	14.4	3.865293	0	-1.90528	3.623364
729	51.8	0	1	14.5	3.779743	0	-3.05641	4.76965
742	51.8	0	1	14.5	3.803075	0	-4.01633	6.444496
742	51.8	0	1	14.6	3.844554	0	-3.24942	6.514784
1027	51.8	5.882353	1	14.6	4.034526	-0.14504	-0.8666	3.782005
1244	51.8	9.411765	1	14.5	5.43132	0.290076	0.467878	8.616171
1277	51.8	9.411765	1	14.5	6.77379	0.725189	1.886004	12.94386
1218	51.8	0	1	14.5	7.08173	1.015264	2.365092	13.78762
797	51.8	0	1	14.4	6.629522	0.725189	0.508771	7.648714
742	51.8	0	1	14.4	3.810852	0	-0.62953	6.045483
742	51.8	0	1	14.5	3.810852	0	-2.05346	6.045483
766	51.8	0	1	14.5	3.96899	0	-3.05483	6.010152
752	51.8	0	1	14.4	3.900291	0	-3.14763	5.062391
725	51.8	0	1	14.4	3.81863	0	-3.64278	5.782465
770	51.8	0	1	14.5	3.7603	0	-2.12604	7.592185
760	51.8	0	1	14.5	3.991025	0	-1.58828	6.187414
747	51.8	0	1	14.5	4.016561	-0.14504	-1.58828	1.882582
757	53.6	0	1	14.5	3.779766	-0.29008	0	1.907872
750	53.6	0	1	14.5	3.872043	-0.14504	0	1.954449
750	53.6	0	1	14.5	3.836238	-0.14504	0	2.074689
753	53.6	0	1	14.4	3.798754	-0.29008	0	2.328339
748	53.6	0	1	14.4	3.826008	-0.14504	0	2.2071
754	53.6	0	1	14.5	3.777235	-0.29008	0	2.31515
748	53.6	0	1	14.5	3.817741	-0.29008	0	2.064686
747	53.6	0	1	14.5	3.826008	-0.14504	0	2.069156
750	53.6	0	1	14.5	3.794956	-0.29008	0	2.052363
755	53.6	0	1	14.5	3.821539	-0.29008	0	2.06674
749	53.6	0	1	14.5	3.829844	-0.14504	0	2.209313
751	53.6	0	1	14.5	3.81521	-0.29008	0	1.925762
754	53.6	0	1	14.5	3.802551	-0.29008	0	2.193569

746	53.6	0	1	14.5	3.856698	-0.14504	0	2.224804
752	53.6	0	1	14.5	3.778501	-0.29008	0	2.043464
749	53.6	0	1	14.5	3.831123	-0.14504	0	2.210051
749	53.6	0	1	14.5	3.832402	-0.14504	0	2.210788
752	53.6	0	1	14.5	3.829844	-0.14504	0	2.071231
750	53.6	0	1	14.5	3.84391	-0.14504	0	1.940249
749	53.6	0	1	14.5	3.83368	-0.14504	0	2.211526
748	53.6	0	1	14.5	3.828565	-0.14504	0	2.208575
749	53.6	0	1	14.5	3.806349	-0.29008	0	2.058525
752	53.6	0	1	14.5	3.831123	-0.14504	0	2.071923
750	53.6	0	1	14.5	3.80888	-0.29008	0	2.059894
750	53.6	0	1	14.5	3.83368	-0.14504	0	2.073306
749	53.6	0	1	14.4	3.79369	-0.29008	0	2.051679
751	53.6	0	1	14.4	3.801286	-0.29008	0	1.918734
751	53.6	0	1	14.6	3.801286	-0.29008	0	1.918734
749	53.6	0	1	14.6	3.803817	-0.29008	0	2.057155
753	53.6	0	1	14.5	3.828565	-0.14504	0	2.07054
750	53.6	0	1	14.5	3.851583	-0.14504	0	1.944122
749	53.6	0	1	14.6	3.796222	-0.29008	0	1.916178
750	53.6	0	1	14.5	3.789893	-0.29008	0	2.322908
749	53.6	0	1	14.5	3.791159	-0.29008	0	2.05031
752	53.6	0	1	14.5	3.806349	-0.29008	0	2.058525
748	53.6	0	1	14.5	3.846468	-0.14504	0	2.218903
750	53.6	0	1	14.5	3.787361	-0.29008	0	2.048256
750	53.6	0	1	14.5	3.794956	-0.29008	0	2.189188
748	53.6	0	1	14.5	3.824729	-0.14504	0	2.068465
748	53.6	0	1	14.5	3.837517	-0.14504	0	2.075381
747	53.6	0	1	14.5	3.787361	-0.29008	0	2.048256
751	53.6	0	1	14.5	3.822172	-0.14504	0	2.204887
748	53.6	0	1	14.5	3.788627	-0.29008	0	2.04894
746	53.6	0	1	14.5	3.845189	-0.14504	0	2.07953
746	53.6	0	1	14.6	3.845189	-0.14504	0	2.07953
752	53.6	0	1	14.6	3.807615	-0.29008	0	1.921929
749	53.6	0	1	14.6	3.832402	-0.14504	0	2.072614
751	53.6	0	1	14.6	3.792425	-0.29008	0	2.050994
1395	55.4	16.47059	1	14.5	7.282841	1.160302	3.074246	17.85525
1454	53.6	23.92157	1	14.5	8.045606	1.740453	4.437942	20.01539
1524	53.6	23.92157	1	14.5	9.60625	3.19083	3.826969	29.4394
1550	53.6	22.7451	1	14.7	9.930302	3.480906	3.374059	29.35841
1118	53.6	9.803922	1	14.4	8.189076	2.175566	2.190504	14.17204
1120	53.6	0	1	14.4	6.131109	0.870226	0	7.515782
745	53.6	0	1	14.4	4.404995	0.435113	-1.04227	2.382281
727	53.6	0	1	14.4	3.887646	0.145038	-2.8674	3.083654
750	53.6	0	1	14.4	3.753572	0	-4.66924	5.548617
774	53.6	0	1	14.4	3.876279	0	-5.58378	5.730007
1223	53.6	18.43137	1	14.6	3.958997	-0.14504	0.343036	4.282158
1348	53.6	18.43137	1	14.6	7.727888	1.595415	2.920735	19.50361

1383	53.6	19.60784	1	14.6	8.446053	2.175566	2.723941	21.0116
956	53.6	0	1	14.3	7.928612	1.595415	0.191923	20.58192
769	53.6	0	1	14.3	5.333068	1.160302	0.191923	2.691915
754	53.6	0	1	14.5	3.932002	0.145038	-5.44882	5.387081
758	53.6	15.68627	1	14.6	3.900692	0.145038	-3.97266	5.90673
1332	53.6	25.09804	1	14.6	3.994647	0.290076	2.485743	9.073507
1487	53.6	25.88235	1	14.6	7.709262	1.740453	5.086257	23.90383
1656	53.6	27.05882	1	14.4	10.86725	4.206094	5.098596	32.91206
1702	53.6	30.19608	1	14.4	11.63437	5.221359	5.079224	39.43
1832	53.6	36.07843	1	14.6	12.92285	6.816774	5.06845	48.45604
1955	53.6	39.60784	1	14.5	15.80921	9.717528	5.011792	62.1288
2018	53.6	39.21569	1	14.5	18.08275	11.45798	4.655128	68.45575
1972	53.6	38.43137	1	14.5	18.94846	12.47325	4.057718	73.78258
1956	53.6	38.82353	1	14.5	18.51204	12.32821	4.005166	70.74837
1935	53.6	37.64706	1	14.5	18.69604	12.32821	3.919621	69.42935
1807	53.6	28.23529	1	14.5	16.9913	10.15264	2.871946	53.29693
1803	53.6	27.84314	1	14.5	13.81366	6.961812	1.97024	37.35307
1825	53.6	28.23529	1	14.5	13.04347	5.801509	1.091437	32.91905
1848	53.6	28.62745	1	14.5	13.17263	5.511434	1.195169	31.34532
1861	53.6	28.62745	1	14.5	13.17263	5.511434	1.195169	31.34532
1702	53.6	25.88235	1	14.5	12.30929	5.801509	1.303199	36.83555
1624	53.6	23.92157	1	14.5	11.07905	4.641208	1.63406	31.5563
1685	53.6	27.45098	1	14.5	11.24173	4.931283	1.626873	33.64088
1681	53.6	27.45098	1	14.5	11.8399	5.221359	1.06541	35.4309
1670	53.6	26.66667	1	14.5	11.80828	5.221359	1.581968	34.4848
1684	53.6	26.66667	1	14.5	11.7345	5.221359	0.965452	34.69241
1677	53.6	26.66667	1	14.5	11.83111	5.221359	0.965452	34.55149
1418	53.6	25.4902	1	14.5	11.60693	4.931283	1.546326	33.47832
1451	53.6	15.29412	1	14.5	9.607567	4.206094	1.124786	32.90738
1447	51.8	8.627451	1	14.5	8.846235	2.610679	0	14.35249
1418	51.8	0	1	14.5	8.254125	1.450377	-0.60015	4.463942
1383	51.8	0	1	14.5	7.488545	0.435113	-1.22682	0
1359	51.8	0	1	14.5	7.315359	0.290076	-1.78272	0
1327	51.8	0	1	14.5	7.187112	0.290076	-1.5874	0
1310	51.8	0	1	14.5	6.949076	0.145038	-1.22338	0
1288	51.8	0	1	14.5	6.742228	0.145038	-1.78451	0
895	51.8	0	1	14.5	6.633139	0.290076	-2.71335	0
756	51.8	0	1	14.6	4.685521	0.145038	-3.98529	0
747	51.8	0	1	14.6	3.819926	0	-4.28406	0
747	51.8	0	1	14.5	3.83434	-0.14504	-5.14225	0.138244
738	51.8	0	1	14.5	3.818941	-0.14504	-6.30957	0.963823
732	51.8	0	1	14.6	3.78686	-0.14504	-6.21718	1.638388
737	53.6	0	1	14.7	3.796594	0	-6.32632	3.832732
758	53.6	0	1	14.7	3.809113	0	-3.00575	5.218716
736	53.6	0	1	14.6	3.840681	0.145038	-1.12218	5.538912
1010	53.6	5.882353	1	14.6	3.958093	0.145038	-0.49611	6.707182
1354	53.6	23.52941	1	14.6	5.480589	0.725189	2.882872	13.0415

1701	53.6	29.41176	1	14.7	9.473686	3.335868	2.551851	31.08255
1801	53.6	32.94118	1	14.7	11.86095	5.076321	4.17193	39.34264
1919	53.6	32.94118	1	14.5	13.86081	7.106849	5.533026	45.97614
1786	53.6	32.94118	1	14.5	15.36394	7.977076	4.991549	43.76086
1822	53.6	32.94118	1	14.5	15.04983	8.557226	4.0686	49.92013
1822	51.8	19.60784	1	14.5	15.04983	8.557226	4.0686	49.92013
1638	51.8	12.54902	1	14.5	12.5642	4.786245	1.715662	34.42743
1292	51.8	12.94118	1	14.5	9.410407	2.175566	0.631461	6.7857
1292	50	12.94118	1	14.5	7.501209	1.740453	1.237018	13.52252
971	50	5.882353	1	14.4	7.26026	1.160302	1.055454	12.0411
1133	50	15.29412	1	14.5	5.205161	0.435113	-0.0597	0
1321	50	17.64706	1	14.5	7.420412	1.160302	0	15.7847
1399	51.8	18.43137	1	14.5	7.420412	1.160302	0.430525	15.7847
1430	51.8	18.43137	1	14.5	8.527948	2.175566	0.430525	20.6004
1191	51.8	7.843137	1	14.5	8.434583	2.030528	0	19.46255
1270	51.8	12.94118	1	14.5	6.728073	1.30534	-0.62977	5.33666
1290	51.8	11.37255	1	14.5	7.288981	1.30534	0	12.61433
1261	51.8	10.19608	1	14.5	7.062521	1.160302	0	10.69462
1150	51.8	5.098039	1	14.5	6.755864	0.870226	0	6.089437
1112	51.8	4.705883	1	14.5	6.202408	0.580151	-0.46215	0.670869
1150	51.8	6.666667	1	14.6	5.880845	0.290076	-0.46215	0.636088
1170	51.8	6.666667	1	14.6	6.14277	0.435113	0	1.993255
1178	51.8	3.921569	1	14.6	6.246907	0.435113	0	2.252274
806	51.8	3.921569	1	14.5	6.290966	0.435113	0	2.041343
755	51.8	0	1	14.6	4.178976	0	0	0
742	51.8	0	1	14.6	3.87412	-0.14504	-0.04197	0.419035
747	51.8	0	1	14.5	3.808675	-0.14504	0.511815	0
745	51.8	0	1	14.5	3.825357	-0.14504	0	0.13792
754	51.8	0	1	14.6	3.831177	-0.29008	0	0
763	51.8	0	1	14.6	3.993462	-0.14504	0.466845	0
770	51.8	0	1	14.6	3.913901	-0.14504	0.930637	0
754	51.8	0	1	14.5	3.913745	-0.29008	0.463792	0
759	51.8	0	1	14.5	3.895936	-0.14504	0	0
758	51.8	0	1	14.5	3.912618	-0.14504	-0.50182	0
757	51.8	0	1	14.5	3.890802	-0.14504	-1.08526	0
760	51.8	0	1	14.5	3.883103	-0.14504	-1.11855	0
748	51.8	0	1	14.5	3.861664	-0.29008	-1.03405	0
753	51.8	0	1	14.5	3.862571	-0.14504	-1.12574	0.278524
746	51.8	0	1	14.5	3.83434	-0.14504	-1.81912	0.414733
744	51.8	0	1	14.5	3.829207	-0.14504	-2.29354	0.552236
743	51.8	0	1	14.5	3.816374	-0.14504	-2.6512	0.412789
741	51.8	0	1	14.5	3.812525	-0.14504	-4.03434	1.237119
737	51.8	0	1	14.5	3.803542	-0.14504	-5.11326	1.782739
731	51.8	0	1	14.5	3.781727	-0.14504	-4.52114	2.999639
755	51.8	0	1	14.5	3.788817	0	-7.15274	5.464115
741	51.8	0	1	14.5	3.843257	0	-7.39027	5.681193
825	51.8	0	1	14.5	3.951076	0.145038	-5.80621	4.985855

1572	51.8	23.92157	1	14.6	4.492723	0.725189	0.189368	15.71222
1767	51.8	32.15686	1	14.6	10.18658	3.625943	5.607203	35.62511
1773	51.8	36.07843	1	14.5	13.19457	6.38166	6.938281	45.19341
1856	51.8	36.47059	1	14.5	14.2487	7.977076	6.134615	57.02357
1929	51.8	37.2549	1	14.5	17.605	11.02287	5.993155	60.29979
1887	51.8	37.64706	1	14.5	18.6444	11.60302	4.727623	60.49886
1931	50	37.64706	1	14.5	17.6108	11.60302	4.037755	67.939
1967	50	38.43137	1	14.5	18.58264	12.32821	3.889299	69.67821
1981	50	38.43137	1	14.5	19.03149	12.47325	3.629055	68.61657
1899	50	34.90196	1	14.6	18.54869	11.60302	3.648407	62.19456
1777	48.2	23.13725	1	14.6	14.92193	7.396924	2.053435	36.58391
1614	48.2	24.70588	1	14.5	12.15517	4.49617	0.831143	21.91227
1646	48.2	26.27451	1	14.5	11.37908	5.076321	0.354834	35.69295
1571	48.2	21.17647	1	14.5	11.51344	4.931283	0.483355	35.28419
1520	48.2	22.7451	1	14.6	10.66574	4.351132	0	29.99452
1524	48.2	20.39216	1	14.6	9.945489	3.625943	0	27.969
1378	48.2	15.68627	1	14.6	8.960136	2.755717	0	21.32135
1361	46.4	15.29412	1	14.6	8.271644	2.175566	0	18.49012
1307	46.4	15.29412	1	14.6	8.130314	2.030528	-0.48052	17.2948
1297	46.4	13.33333	1	14.6	7.67222	1.740453	-0.48052	11.61787
1272	46.4	11.76471	1	14.6	7.440107	1.450377	0	11.26639
1215	48.2	8.235294	1	14.6	7.236778	1.30534	0	7.827494
827	48.2	1.176471	1	14.5	6.722113	0.870226	0	0
893	48.2	6.666667	1	14.5	4.447799	0.435113	-0.60989	0
1254	48.2	10.98039	1	14.5	6.809783	0.580151	0	6.383558
1336	48.2	12.15686	1	14.5	7.239467	1.160302	0	11.48459
1323	48.2	12.15686	1	14.5	7.673642	1.450377	0	15.49337
1352	48.2	10.98039	1	14.5	7.669504	1.595415	0	13.27287
1352	48.2	17.64706	1	14.5	8.11702	2.175566	0.302973	19.02244
1438	48.2	17.64706	1	14.5	8.820237	2.465641	0.302973	21.30646
1440	48.2	15.29412	1	14.5	8.786636	2.465641	0.643791	22.17568
1404	48.2	13.33333	1	14.5	8.794272	2.465641	0.643791	20.92667
1391	48.2	20.39216	1	14.5	8.505597	2.320604	0	18.39977
1480	48.2	20.39216	1	14.5	9.194703	2.755717	0.511316	24.53159
1500	46.4	20.39216	1	14.5	9.486654	3.045793	0	25.31052
1508	46.4	21.17647	1	14.5	9.586292	3.19083	0	25.57635
1511	46.4	21.17647	1	14.5	9.637436	3.19083	0	26.06027
1509	46.4	21.17647	1	14.5	9.718042	3.335868	-0.78315	26.62862
1509	46.4	20	1	14.5	9.648623	3.19083	-0.78315	25.74265
1345	46.4	13.72549	1	14.5	8.837605	2.610679	0	19.11798
1376	46.4	16.47059	1	14.5	8.10672	2.175566	-0.59058	16.95233
1386	46.4	16.86275	1	14.5	8.218428	2.030528	-0.59058	17.77854
1389	46.4	16.86275	1	14.5	8.349275	2.175566	0.500393	18.66365
1387	46.4	16.86275	1	14.5	8.371872	2.175566	0.500393	19.01601
1373	46.4	15.68627	1	14.5	8.337903	2.030528	0.54578	18.63823
1373	46.4	15.29412	1	14.5	8.337903	2.030528	0.989954	18.63823
1387	46.4	15.68627	1	14.5	8.209467	2.030528	0.444174	17.16719

1395	46.4	16.47059	1	14.5	8.285632	2.030528	0	17.92393
1393	46.4	15.68627	1	14.5	8.333423	2.030528	0	18.32776
1376	46.4	15.68627	1	14.5	8.319982	2.030528	0	17.99823
1370	46.4	15.68627	1	14.5	8.144855	1.885491	0	17.03208
1389	46.4	16.47059	1	14.5	8.185572	2.030528	0	17.11722
1391	46.4	16.86275	1	14.5	8.29758	2.030528	-0.42964	17.94977
1400	46.4	16.86275	1	14.5	8.44268	2.175566	0.186866	18.87245
1402	46.4	17.2549	1	14.5	8.435147	2.175566	0.61651	19.15973
1410	46.4	17.2549	1	14.5	8.450212	2.175566	0	19.19395
1410	46.4	17.2549	1	14.5	8.570802	2.320604	-0.50444	19.77687
1413	46.4	17.2549	1	14.5	8.569283	2.320604	0	19.77337
1411	46.4	16.86275	1	14.5	8.575361	2.320604	0	19.47822
1405	44.6	17.2549	1	14.5	8.570894	2.320604	0	17.92299
1402	44.6	17.2549	1	14.5	8.496165	2.320604	0	18.07304
1405	44.6	17.64706	1	14.6	8.552593	2.320604	0	17.88472
1412	44.6	17.64706	1	14.6	8.567844	2.320604	0	18.53442
1406	44.6	17.64706	1	14.5	8.684774	2.465641	0	18.78737
1408	44.6	17.64706	1	14.5	8.647858	2.465641	0	19.0193
1401	44.6	17.64706	1	14.5	8.543443	2.320604	0	20.3298
1419	44.6	17.64706	1	14.5	8.543443	2.320604	0	20.3298
1418	44.6	17.2549	1	14.5	8.648673	2.320604	0	20.26838
1365	44.6	14.90196	1	14.5	8.504567	2.175566	0	18.70416
1387	44.6	15.68627	1	14.5	8.181817	2.030528	0	17.40436
1387	44.6	15.68627	1	14.5	8.315208	2.030528	0	17.68811
1020	44.6	2.352941	1	14.5	7.737102	1.450377	-0.47571	10.32134
832	44.6	0.784314	1	14.4	5.575867	0.580151	-0.97845	0
1122	44.6	6.666667	1	14.5	6.01577	0.290076	-1.26121	1.952046
1180	44.6	7.058824	1	14.5	6.391622	0.435113	-1.25306	2.76534
1153	44.6	7.058824	1	14.5	6.452309	0.580151	-1.11703	3.256862
816	44.6	0	1	14.5	6.307374	0.580151	-1.08487	3.183705
738	44.6	0	1	14.5	4.332816	0.145038	-1.55647	0
744	44.6	0	1	14.5	3.878411	0	-2.45482	1.118665
743	44.6	0	1	14.5	3.909964	0	-5.40028	1.550678
734	46.4	0	1	14.5	3.907335	0	-5.40028	1.972263
730	46.4	0	1	14.5	3.847586	0	-3.46057	4.965076
729	46.4	0	1	14.5	3.818765	0	-2.82299	6.471084
746	46.4	0	1	14.5	3.932738	0	-4.76301	6.664217
741	46.4	0	1	14.5	3.907848	0	-5.61724	6.481144
751	46.4	0	1	14.5	3.884267	0	-5.19963	6.58208
766	46.4	20.39216	1	14.5	3.972066	0.145038	-2.29396	7.017279
1439	46.4	29.41176	1	14.5	4.095576	0.290076	2.687099	11.81303
1686	46.4	31.37255	1	14.5	11.92712	5.076321	5.221309	39.99216
1870	46.4	31.76471	1	14.5	13.81704	6.671736	4.803514	42.84199
1802	46.4	32.94118	1	14.5	15.09262	7.832038	5.384693	49.51791
1842	46.4	35.68628	1	14.5	15.82774	9.282415	5.502635	55.92438
1903	46.4	35.68628	1	14.5	16.19012	9.427453	3.861466	56.03735
1813	44.6	36.07843	1	14.5	16.65546	9.717528	1.921528	57.64798

1834	44.6	35.68628	1	14.5	16.30144	10.29768	2.367068	63.47545
1842	44.6	35.68628	1	14.5	16.49478	10.29768	2.345959	63.03889
1867	44.6	35.68628	1	14.5	16.73533	10.29768	2.210364	60.94133
1867	44.6	36.07843	1	14.5	16.73533	10.29768	2.108976	60.94133
1890	44.6	37.64706	1	14.5	17.1949	10.58776	2.139776	61.9949
1967	44.6	38.82353	1	14.5	18.08072	11.45798	2.257627	65.18864
1983	44.6	40	1	14.5	19.24262	12.47325	2.440094	69.3778
2005	44.6	40.39216	1	14.5	19.70456	12.90836	2.190005	71.04328
1958	44.6	32.94118	1	14.6	18.73788	11.89309	1.009162	60.80218
1708	44.6	29.80392	1	14.6	15.40557	9.282415	0	51.65556
1675	44.6	27.45098	1	14.6	13.47123	7.251887	0	38.3699
1689	44.6	27.05882	1	14.6	12.59441	6.236623	0	37.68879
1674	44.6	25.4902	1	14.6	12.61275	6.091585	0	37.28893
1592	44.6	25.4902	1	14.6	12.32283	5.801509	0	36.43179
1533	44.6	22.35294	1	14.6	11.04771	4.641208	-0.41254	30.67039
1530	44.6	20	1	14.6	10.31747	4.061057	-0.47912	29.38708
1485	44.6	20	1	14.6	9.603958	3.335868	0	25.96975
1484	44.6	21.56863	1	14.6	9.599107	3.335868	-0.47727	25.95663
1513	44.6	22.35294	1	14.6	9.947467	3.625943	-0.47727	28.33321
1519	44.6	22.35294	1	14.6	10.0132	3.625943	0	28.15943
1522	44.6	22.7451	1	14.6	10.0668	3.770981	0	28.67312
1544	44.6	23.13725	1	14.5	10.16507	3.916019	0	28.953
1543	44.6	23.13725	1	14.6	10.30866	3.916019	0	29.73366
1543	44.6	23.52941	1	14.6	10.3831	4.061057	0	29.94837
1549	46.4	23.52941	1	14.6	10.46591	4.206094	0	30.94191
1568	46.4	25.09804	1	14.6	10.47263	4.206094	0	30.96176
1616	46.4	26.66667	1	14.6	11.51483	5.221359	0	34.87329
1656	46.4	26.66667	1	14.6	11.93003	5.511434	0	36.56089
1665	46.4	27.05882	1	14.5	12.14878	5.801509	0	36.79325
1612	46.4	26.66667	1	14.5	12.30206	5.946547	0	37.701
1504	46.4	19.21569	1	14.5	11.3174	4.931283	-0.55611	31.82714
1433	44.6	16.47059	1	14.5	10.00579	3.916019	-1.06389	27.05634
1352	44.6	7.843137	1	14.5	9.1185	3.045793	-1.48044	22.68447
967	44.6	0	1	14.4	5.340967	0.725189	-1.95746	0
754	44.6	0	1	14.4	4.044486	0.290076	-2.04877	0.583283
745	44.6	0	1	14.4	3.919167	0	-3.30513	1.413026
734	44.6	0	1	14.4	3.915223	0	-5.25952	1.835085
719	44.6	0	1	14.6	3.857376	0	-6.45218	3.476868
742	46.4	0	1	14.6	3.781122	0	-6.67567	5.589343
747	46.4	0	1	14.5	3.886887	0	-6.44934	6.446381
747	46.4	0	1	14.4	3.952219	0.145038	-5.83779	6.554733
761	46.4	0	1	14.4	4.026314	0.145038	-4.29503	6.242124
742	46.4	0	1	14.7	3.94428	0.145038	-2.84944	6.825983
750	46.4	0	1	14.7	3.928402	0.145038	-1.66531	7.223411
748	46.4	0	1	14.4	3.966773	0.145038	-1.18878	7.007928
748	46.4	0	1	14.5	3.956188	0.145038	-0.51932	7.274503
747	46.4	0	1	14.5	3.954865	0.145038	0	7.41466

750	46.4	0	1	14.4	3.963289	0.290076	0	6.287306
752	46.4	0	1	14.4	4.007384	0.290076	0	6.935192
745	46.4	0	1	14.4	3.981328	0.145038	0	6.746554
750	46.4	0	1	14.6	3.981996	0.290076	0	6.604118
753	46.4	11.37255	1	14.6	3.966773	0.145038	-1.60129	7.007928
1071	48.2	12.54902	1	14.6	3.945839	0	0.005108	6.828681
1051	48.2	13.72549	1	14.6	6.571208	1.160302	3.514084	13.50443
734	48.2	0	1	14.5	5.814392	0.870226	2.940233	5.869736
888	46.4	0	1	14.5	3.910628	0.290076	0.494888	5.921777
1501	46.4	19.60784	1	14.6	4.978988	1.015264	0.159518	10.05276
1617	46.4	18.43137	1	14.6	9.595881	3.19083	3.29462	33.21332
1309	46.4	0	1	14.6	7.888271	2.175566	3.27161	8.247761
897	46.4	0	1	14.4	4.981058	0.870226	-1.16601	7.722293
754	46.4	0	1	14.4	4.01159	0.435113	-5.20946	7.665643
745	46.4	0	1	14.6	4.027428	0.290076	-5.75965	6.679467
746	46.4	0	1	14.6	3.981996	0.290076	-3.49278	7.17839
748	46.4	0	1	14.6	3.984668	0.290076	-1.49701	7.6142
750	46.4	0	1	14.6	3.960157	0.145038	0	7.710143
749	46.4	0	1	14.6	3.96545	0.145038	0	7.863419
755	48.2	0	1	14.6	3.980402	0.145038	0	7.893067
1752	55.4	36.47059	1	14.6	18.12829	14.64881	2.202791	94.77223
1805	55.4	28.23529	1	14.7	17.26555	12.76332	1.673806	72.83206
1827	55.4	19.60784	1	14.6	15.98433	10.44272	0	54.74874
1810	55.4	20	1	14.6	12.1615	4.351132	0	13.1542
1812	55.4	20.39216	1	14.7	11.74351	3.770981	0	12.27869
1796	53.6	20.39216	1	14.7	11.47656	3.335868	0	11.99958
1779	53.6	19.60784	1	14.6	11.22952	3.045793	-0.34013	10.93154
1778	53.6	19.60784	1	14.6	11.02977	2.900755	-0.34013	9.544072
1770	53.6	20.39216	1	14.6	11.02201	2.900755	-0.48312	12.3191
1766	53.6	23.13725	1	14.6	11.06698	3.045793	0	13.16737
1766	53.6	26.27451	1	14.6	11.49337	3.770981	0	21.96238
1769	53.6	26.66667	1	14.6	11.78267	4.351132	0	27.61299
1766	53.6	27.45098	1	14.6	12.24388	4.931283	-0.58864	30.01816
1779	53.6	27.45098	1	14.6	12.58798	5.511434	0.276962	30.86178
1795	53.6	26.66667	1	14.6	12.68245	5.511434	0.865606	30.63614
1806	53.6	27.05882	1	14.6	12.79474	5.511434	0.521412	30.90741
1796	51.8	30.19608	1	14.6	13.06517	5.801509	0.051035	32.03171
1800	51.8	30.19608	1	14.6	13.59168	6.671736	-0.47038	39.69303
1793	51.8	32.94118	1	14.6	14.1857	7.541962	0	43.9851
1806	51.8	34.90196	1	14.6	15.05808	8.99234	0	54.29074
1801	51.8	34.90196	1	14.6	15.63756	9.717528	0.4285	59.76282
1802	51.8	36.07843	1	14.6	15.96335	10.29768	0.4285	62.159
1803	51.8	37.64706	1	14.6	16.07231	10.44272	0	62.00379
1803	51.8	37.64706	1	14.6	16.63758	11.31294	0	68.98336
1805	51.8	37.64706	1	14.6	17.10968	12.03813	0	73.40827
1815	51.8	37.64706	1	14.5	17.31345	12.32821	0.506784	76.15524
1820	51.8	38.43137	1	14.5	17.50589	12.47325	0	77.00169

1817	50	38.43137	1	14.6	17.68162	12.61828	0	73.94969
1815	50	38.43137	1	14.6	17.84369	12.90836	0	74.62749
1826	50	38.43137	1	14.6	18.04685	13.0534	0	76.12782
1834	50	37.64706	1	14.6	17.95432	12.90836	0	74.44286
1827	50	37.64706	1	14.6	17.93513	12.76332	0	72.42339
1838	50	34.11765	1	14.6	17.86666	12.76332	0.615262	72.1469
1833	50	34.11765	1	14.6	17.40772	11.89309	-0.07676	67.15554
1834	50	32.94118	1	14.6	16.69266	10.87783	0.08253	60.18411
1836	50	32.94118	1	14.6	15.95347	9.717528	0.145212	52.91747
1844	50	32.94118	1	14.6	15.76455	9.427453	0.58653	52.29085
1832	51.8	32.94118	1	14.6	15.73727	9.282415	0	51.06558
1846	51.8	32.94118	1	14.6	15.67485	9.427453	0	51.99331
1846	51.8	32.15686	1	14.6	15.59683	9.137378	0	51.1722
1852	51.8	30.19608	1	14.6	15.35955	8.702264	0.536816	45.96347
1858	51.8	27.45098	1	14.6	15.35955	8.702264	0.536816	45.96347
1855	51.8	29.01961	1	14.6	14.18209	6.816774	0	31.7021
1851	51.8	27.84314	1	14.6	13.85159	6.38166	-0.61741	31.46274
1852	50	27.84314	1	14.6	13.52829	5.946547	-0.61741	28.28963
1845	50	27.84314	1	14.6	13.39616	5.656472	0	28.4963
1860	50	30.19608	1	14.6	13.82371	6.38166	0.577042	32.39622
1869	50	26.27451	1	14.6	14.42193	7.106849	0.026725	36.91799
1873	50	25.4902	1	14.6	14.0989	6.526698	0.527051	32.02446
1874	50	25.88235	1	14.6	12.87263	4.641208	0	22.74153
1855	50	25.09804	1	14.6	12.63024	4.351132	0	20.49182
1865	50	25.4902	1	14.6	12.54738	4.351132	0	21.26215
1862	50	20.39216	1	14.6	12.51631	4.206094	0	22.11202
1864	50	20.39216	1	14.6	12.40097	4.061057	0	18.3314
1848	50	20.39216	1	14.6	12.02634	3.480906	0	10.40641
1850	50	20.39216	1	14.6	11.7435	3.19083	-0.48596	9.738263
1838	50	20.39216	1	14.6	11.67208	3.19083	-0.48596	10.5207
1831	50	15.68627	1	14.6	11.6213	3.19083	0	10.47493
1827	50	13.72549	1	14.6	11.6213	3.19083	0	10.47493
1801	50	15.68627	1	14.6	10.837	2.030528	-0.65514	0
1794	50	17.64706	1	14.7	10.92282	2.465641	-0.53254	2.756696
1784	50	17.64706	1	14.7	11.0631	2.755717	-0.53254	5.185328
1774	50	18.43137	1	14.7	11.04297	2.755717	-0.47492	7.166625
1765	50	18.43137	1	14.6	10.9857	2.755717	-0.47492	8.317698
1768	50	18.43137	1	14.6	10.92997	2.755717	0	9.06365
1759	48.2	17.64706	1	14.6	10.94855	2.755717	0	8.684312
1754	48.2	13.72549	1	14.6	10.71411	2.465641	-0.5715	4.249177
1753	48.2	16.47059	1	14.6	10.61496	2.320604	-0.5715	2.296285
1731	48.2	19.21569	1	14.6	10.69477	2.610679	-0.49738	9.254203
1720	48.2	20.39216	1	14.6	10.66243	2.610679	-0.49738	13.83932
1706	48.2	21.17647	1	14.6	10.77579	2.900755	-0.60533	15.92902
1700	48.2	25.09804	1	14.6	10.77713	3.045793	0	17.09669
1699	48.2	26.27451	1	14.6	11.53122	4.351132	0.546413	30.76544
1708	48.2	23.13725	1	14.6	11.6008	4.351132	-0.06408	27.60501

1702	48.2	22.35294	1	14.6	11.23891	3.770981	-0.61049	22.69178
1706	46.4	22.35294	1	14.6	11.01843	3.480906	0	21.4521
1706	46.4	19.60784	1	14.6	10.81863	3.045793	-0.30681	19.89293
1690	46.4	19.60784	1	14.6	10.83133	3.19083	-0.30681	21.47833
1671	46.4	19.21569	1	14.6	10.6239	2.900755	-0.56896	18.00271
1661	46.4	19.21569	1	14.5	10.59354	3.045793	-0.56896	17.95127
1653	46.4	21.56863	1	14.5	10.35764	2.755717	-0.53385	17.17809
1649	46.4	22.35294	1	14.6	10.45563	3.045793	-0.53385	17.71758
1651	46.4	23.52941	1	14.6	10.6059	3.335868	-0.55569	20.64892
1653	46.4	25.09804	1	14.6	11.07057	4.061057	-0.09829	25.14587
1657	46.4	25.4902	1	14.6	11.34719	4.49617	1.031608	27.00155
1662	46.4	23.13725	1	14.6	11.46148	4.641208	0	30.99262
1676	46.4	23.92157	1	14.6	11.23648	4.206094	0	26.33298
1686	46.4	24.31373	1	14.6	11.16044	3.916019	0.618789	26.55714
1687	46.4	25.4902	1	14.6	11.22033	3.916019	0.618789	27.91329
1705	46.4	25.4902	1	14.6	11.49049	4.351132	0	28.99965
1713	46.4	25.4902	1	14.6	11.79004	4.641208	0.393516	29.33058
1724	46.4	25.88235	1	14.6	11.84538	4.641208	0.393516	28.61409
1730	46.4	23.92157	1	14.6	12.01178	4.786245	0.543834	30.31528
1737	46.4	20.39216	1	14.6	11.87405	4.49617	0.543834	29.53958
1735	46.4	20	1	14.6	11.28829	3.480906	0	20.34954
1731	46.4	13.72549	1	14.6	10.79103	2.755717	0	12.44999
1725	46.4	15.68627	1	14.6	10.65861	2.610679	0	6.148609
1703	46.4	11.76471	1	14.6	10.30178	2.030528	-0.48073	1.485691
1673	46.4	0	1	14.6	9.817828	1.450377	-0.99349	0
1661	46.4	0	1	14.6	9.310371	1.015264	-1.20371	0
1638	46.4	0	1	14.6	9.184215	1.015264	-1.12723	0
1599	46.4	0	1	14.6	9.084691	1.015264	-1.11489	0
1583	46.4	0	1	14.6	8.880364	0.870226	-1.19761	0
1565	46.4	0	1	14.6	8.790102	0.870226	-1.12324	0
1542	46.4	0	1	14.6	8.610889	0.725189	-1.0464	0
1517	46.4	0	1	14.6	8.39768	0.725189	-1.31752	0
1501	46.4	0	1	14.6	8.348161	0.725189	-1.26066	0
1456	46.4	0	1	14.6	8.258751	0.725189	-1.07524	0
1409	46.4	0	1	14.6	8.009777	0.725189	-3.41399	0
1347	46.4	0	1	14.6	7.270247	0.435113	-3.36183	0
1279	46.4	0	1	14.5	7.270247	0.435113	-3.36183	0
847	46.4	0	1	14.5	4.481474	0.145038	-4.70152	0
740	46.4	0	1	14.6	3.927079	0.145038	-5.28276	0.141588
745	46.4	0	1	14.6	3.879027	0	-4.13136	0.559421
741	46.4	0	1	14.6	3.882957	0	-6.17398	1.259973
739	46.4	0	1	14.6	3.833752	-0.14504	-5.41941	2.211567
730	48.2	0	1	14.6	3.871166	0	-4.88429	3.210154
748	48.2	0	1	14.6	3.811757	0	-4.39317	5.634629
739	48.2	0	1	14.6	3.907051	0	-3.89477	5.775495
745	48.2	0	1	14.6	3.856141	0	-3.78385	5.422177
746	48.2	0	1	14.6	3.926345	0.145038	-3.89546	6.228699

788	48.2	0	1	14.6	3.935574	0.145038	-4.1362	6.669023
744	48.2	0	1	14.6	4.154437	0.145038	-3.54362	4.493551
744	48.2	0	1	14.6	3.92239	0.145038	-0.64456	6.081006
747	48.2	0	1	14.6	3.913161	0.145038	-1.02352	6.631042
745	48.2	0	1	14.6	3.93953	0.145038	-2.18143	6.817762
744	48.2	0	1	14.6	3.9303	0.145038	0	6.943494
747	48.2	0	1	14.6	3.92239	0.145038	0	7.070937
749	48.2	0	1	14.5	3.940848	0.145038	-1.02622	7.246296
751	48.2	0	1	14.5	3.998507	0.290076	0	8.217297
750	48.2	0	1	14.5	4.007828	0.290076	0	6.646961
750	50	0	1	14.6	3.941382	0.145038	0	6.53676
748	50	0	1	14.6	3.971118	0.290076	0	6.872428
757	50	0	1	14.6	3.998981	0.290076	1.403431	6.343927
880	50	2.745098	1	14.6	4.017556	0.290076	2.103097	6.663095
1486	50	20	1	14.7	4.942259	1.160302	2.969285	12.47325
1676	50	29.80392	1	14.6	9.279808	2.900755	6.028254	29.10814
1649	50	31.37255	1	14.6	12.00834	5.801509	5.837578	43.72808
1733	48.2	34.5098	1	14.6	12.00834	5.801509	5.837578	43.72808
1861	48.2	34.11765	1	14.6	14.39	8.557226	5.282307	51.88203
1803	48.2	34.90196	1	14.6	16.23083	9.137378	4.524734	50.91153
1849	48.2	34.90196	1	14.6	15.53396	9.427453	4.505961	57.12661
1880	46.4	35.68628	1	14.6	16.37228	10.0076	4.270727	57.84843
1870	46.4	33.72549	1	14.6	16.44981	9.717528	3.657956	56.3431
1840	46.4	22.35294	1	14.6	15.4805	8.412189	3.344894	44.651
1802	46.4	22.35294	1	14.6	13.78416	6.236623	2.940047	31.30956
1802	46.4	26.66667	1	14.6	12.65506	4.931283	2.076304	24.18223
1650	46.4	25.4902	1	14.6	11.75204	5.076321	1.900537	34.32056
1653	46.4	25.88235	1	14.6	11.67245	5.076321	2.010363	32.82561
1652	46.4	25.88235	1	14.6	11.69191	5.076321	2.010363	33.72341
1679	46.4	26.66667	1	14.6	11.87937	5.076321	1.912675	33.83583
1411	46.4	27.05882	1	14.6	12.11279	5.366396	2.014637	34.9374
1449	46.4	27.05882	1	14.6	9.983483	5.076321	1.618978	42.47372
1496	46.4	23.52941	1	14.6	10.24877	5.076321	1.544805	42.86332
1516	46.4	24.31373	1	14.6	10.58302	5.076321	1.655393	37.01159
1556	46.4	25.4902	1	14.6	10.99102	5.221359	1.137357	36.06083
1556	46.4	25.4902	1	14.6	10.99102	5.221359	1.137357	36.06083
1577	46.4	27.45098	1	14.6	11.25209	5.511434	0.336177	36.10599
1616	46.4	27.84314	1	14.7	11.81625	5.946547	1.290797	39.19439
1630	46.4	30.19608	1	14.7	12.02469	6.091585	1.826373	41.61995
1642	46.4	37.2549	1	14.6	12.81022	7.251887	1.066907	50.34303
1668	46.4	38.43137	1	14.6	13.85088	8.847302	1.058993	61.92345
1684	46.4	37.64706	1	14.6	15.35222	10.73279	1.058993	76.93824
1696	46.4	38.43137	1	14.6	15.35222	10.73279	1.058993	76.93824
1712	46.4	37.64706	1	14.6	15.96398	11.31294	1.01465	77.12626
1737	46.4	36.47059	1	14.7	16.20375	11.45798	0.639025	76.53198
1740	46.4	28.62745	1	14.7	15.56468	10.29768	0.637451	63.97368
1709	46.4	18.43137	1	14.7	12.58267	5.511434	-0.20336	25.85853

1679	46.4	15.68627	1	14.6	11.19429	3.625943	-1.3614	12.91524
1649	46.4	16.86275	1	14.6	10.55944	2.900755	-1.55974	12.56351
1629	46.4	16.86275	1	14.6	10.10693	2.465641	-1.02772	10.20313
1597	46.4	21.17647	1	14.6	9.960112	2.755717	-0.98144	16.51879
1574	46.4	22.35294	1	14.6	10.06417	3.19083	-1.05684	23.22277
1573	46.4	23.13725	1	14.6	10.24215	3.480906	-0.48745	26.95692
1573	46.4	23.13725	1	14.6	10.46665	3.916019	0	28.6799
1586	46.4	26.66667	1	14.6	10.7173	4.351132	0	29.75311
1601	46.4	26.66667	1	14.6	11.21616	5.076321	1.139763	35.99073
1611	46.4	28.23529	1	14.6	11.82049	5.801509	1.091609	37.07753
1637	46.4	27.45098	1	14.6	12.15996	6.236623	0.493899	38.14235
1655	46.4	24.31373	1	14.6	12.35063	6.38166	0.591455	36.0687
1659	46.4	24.31373	1	14.6	12.05472	5.656472	1.196589	31.2929
1659	46.4	21.17647	1	14.6	11.03898	3.916019	0.605134	20.2981
1671	46.4	23.92157	1	14.6	10.86841	3.625943	0	23.11929
1666	46.4	24.31373	1	14.6	11.03294	3.770981	0	25.85598
1683	46.4	28.62745	1	14.6	11.17453	4.061057	0.50385	26.59068
1706	46.4	28.23529	1	14.6	11.8142	4.931283	0.432338	31.09448
1752	46.4	28.23529	1	14.6	12.85066	5.946547	1.168974	37.06565
1758	46.4	22.35294	1	14.6	12.48405	5.221359	1.168974	33.3076
1757	46.4	19.60784	1	14.6	11.78994	4.061057	0.503688	18.70339
1755	46.4	17.64706	1	14.6	11.32456	3.335868	0.503688	15.10703
1759	46.4	14.90196	1	14.6	10.96719	2.755717	0	5.140378
1758	46.4	13.72549	1	14.6	10.77674	2.465641	0	0.388547
1750	46.4	14.90196	1	14.6	10.67551	2.320604	-0.60604	0.384897
1748	46.4	14.90196	1	14.6	10.73076	2.465641	-0.60604	1.160667
1749	46.4	15.68627	1	14.6	10.62232	2.320604	0	2.297878
1743	46.4	16.47059	1	14.6	10.72309	2.465641	0	4.252741
1745	46.4	21.17647	1	14.6	10.7761	2.610679	0	5.439334
1746	46.4	23.13725	1	14.6	11.05799	3.045793	0	15.54881
1746	46.4	22.7451	1	14.6	11.05799	3.045793	0	15.54881
1746	46.4	22.7451	1	14.6	11.2166	3.335868	0	19.41148
1747	46.4	22.35294	1	14.6	11.34353	3.480906	0	20.04012
1748	46.4	9.019608	1	14.6	10.71696	2.465641	0	3.863918
1701	46.4	0	1	14.6	10.06236	1.740453	-1.10018	0
1683	46.4	0	1	14.6	9.712868	1.30534	-1.44513	0
1659	44.6	0	1	14.6	9.523305	1.160302	-1.44513	0
1624	44.6	0	1	14.6	9.423829	1.160302	-1.34655	0
1588	44.6	0	1	14.6	9.135406	1.015264	-1.56554	0
1557	44.6	0	1	14.6	8.680725	0.870226	-2.04326	0
1535	44.6	0	1	14.6	8.47321	0.725189	-1.40543	0
1484	44.6	0	1	14.6	8.339307	0.725189	-0.99122	0
1475	44.6	5.490196	1	14.6	8.191599	0.725189	-1.63643	0
1452	44.6	15.68627	1	14.6	8.375948	1.160302	-1.06563	3.321872
1468	44.6	25.4902	1	14.6	8.627046	1.885491	0.58161	17.72936
1479	44.6	23.52941	1	14.6	9.49723	3.335868	1.10481	30.47496
1523	44.6	21.56863	1	14.6	10.24543	4.206094	1.101418	32.50643

1523	44.6	16.47059	1	14.6	10.24543	4.206094	0.578218	32.50643
1509	44.6	13.72549	1	14.6	9.24955	2.320604	0	12.33896
1511	44.6	17.2549	1	14.6	9.04811	2.030528	0	11.74401
1507	44.6	18.43137	1	14.6	9.135038	2.175566	0	16.46784
1510	44.6	18.43137	1	14.6	9.194648	2.320604	0	17.90132
1509	44.6	17.2549	1	14.6	9.220574	2.320604	0	18.28424
1508	44.6	7.45098	1	14.6	9.043613	2.030528	-1.24225	10.43394
1484	44.6	13.33333	1	14.6	8.641232	1.30534	-0.59625	0
1457	44.6	4.705883	1	14.6	8.404779	1.30534	-0.62336	6.969641
1448	44.6	8.627451	1	14.6	8.123286	0.870226	-1.13876	0
1424	44.6	15.68627	1	14.6	8.37487	1.450377	-0.91617	9.662383
1405	44.6	5.490196	1	14.5	8.15973	1.30534	-0.87241	6.178048
1395	44.6	3.137255	1	14.5	7.700158	0.725189	-1.43223	0
1364	44.6	0.784314	1	14.6	7.700158	0.725189	-1.37979	0
1301	44.6	0	1	14.6	7.17297	0.435113	-1.9484	0
1285	44.6	0	1	14.6	7.04568	0.435113	-1.21445	0
1259	44.6	0	1	14.6	6.959013	0.435113	-1.21445	0
841	44.6	0	1	14.6	6.816827	0.435113	-1.53681	0
744	44.6	0	1	14.6	4.468258	0.145038	-1.73084	0
751	44.6	0	1	14.6	3.949406	0	-3.19786	0
745	46.4	0	1	14.5	3.949406	0	-3.39887	0
743	46.4	0	1	14.5	3.894747	0	-2.87163	0.421266
740	46.4	0	1	14.7	3.82597	-0.14504	-4.28635	0.827654
744	46.4	0	1	14.7	3.836346	-0.14504	-4.97266	1.383165
737	46.4	0	1	14.6	3.896057	0	-5.30878	2.528448
719	46.4	0	1	14.7	3.766363	0	-4.59323	5.70332
763	46.4	0	1	14.7	3.935018	0.145038	-5.64125	5.674962
743	46.4	0	1	14.6	4.0369	0.145038	-5.33107	5.821892
746	46.4	0	1	14.6	3.931048	0.145038	-5.73215	6.23616
752	46.4	0	1	14.7	3.945603	0.145038	-3.12063	6.401505
740	46.4	0	1	14.6	3.942957	0.145038	-1.82971	5.970731
751	46.4	0	1	14.6	3.917817	0.145038	-1.32411	6.21517
746	46.4	0	1	14.6	3.972066	0.145038	-1.58497	6.444439
751	48.2	0	1	14.6	3.949572	0.145038	-1.58497	6.692743
747	48.2	0	1	14.6	3.997176	0.290076	-0.59754	6.917525
746	48.2	0	1	14.6	3.935574	0.145038	-2.41697	7.094705
751	48.2	0	1	14.6	3.994513	0.290076	0	7.488992
752	48.2	0	1	14.6	3.998507	0.290076	0	7.208155
750	48.2	0	1	14.6	3.965899	0.145038	0	7.292358
750	48.2	0	1	14.6	3.995844	0.290076	0	7.347422
750	48.2	0	1	14.6	3.993181	0.290076	0	7.486496
751	48.2	0	1	14.6	3.993181	0.290076	0	7.486496
752	48.2	0	1	14.6	3.997176	0.290076	1.442462	7.493985
755	48.2	0	1	14.6	3.98172	0.145038	1.442462	6.603661
755	48.2	0	1	14.5	3.98172	0.145038	0.414872	6.603661
749	48.2	0	1	14.5	3.94744	0.145038	0.908748	6.404486
755	48.2	0	1	14.5	3.98172	0.145038	1.000126	6.316545

753	48.2	0	1	14.5	3.955351	0.145038	0.50625	6.274714
753	50	0	1	14.5	3.95452	0.145038	0.418558	6.130818
747	50	0	1	14.5	3.955834	0.145038	0.418558	5.990231
745	50	0	1	14.6	3.922989	0.145038	-0.89353	6.223375
745	50	0	1	14.5	3.922989	0.145038	-0.89353	6.223375
738	51.8	0	1	14.5	4.376258	0.290076	0.763237	1.735609
755	51.8	0	1	14.5	3.826407	0	-0.84626	3.586912
752	51.8	0	1	14.6	3.913253	0	-0.4881	3.103965
745	51.8	0	1	14.6	3.900291	0	-0.56555	3.234305
766	51.8	0	1	14.6	3.971582	0	0	2.863847
748	51.8	0	1	14.6	3.913253	0	0	2.821786
751	51.8	0	1	14.6	3.914419	0.145038	-0.6743	2.822628
747	51.8	0	1	14.5	3.895106	0	-0.6743	2.387396
740	51.8	0	1	14.6	3.871774	0	0	2.512689
744	51.8	0	1	14.6	3.83548	0	-1.61075	4.010273
745	51.8	0	1	14.6	3.901328	0.145038	-1.59213	5.485715
746	51.8	0	1	14.6	3.906564	0.145038	-0.47461	5.915623
750	51.8	0	1	14.6	3.8974	0.145038	0	6.323299
751	51.8	0	1	14.6	3.889921	0	0	6.030669
747	51.8	0	1	14.6	3.932748	0.145038	0.514146	6.097064
751	51.8	0	1	14.5	3.93013	0.145038	0	5.951307
752	51.8	0	1	14.5	3.948458	0.145038	0	5.979061
752	53.6	0	1	14.7	3.948458	0.145038	0	5.979061
752	53.6	0	1	14.7	3.92287	0.145038	0.53258	5.374569
752	53.6	0	1	14.6	3.918956	0.145038	0.53258	5.369207
754	53.6	0	1	14.6	3.884029	0	0.58631	5.041285
757	53.6	0	1	14.6	3.941134	0.145038	0	4.973309
756	53.6	0	1	14.6	3.909863	0	0.644693	4.369979
758	53.6	0	1	14.6	3.946352	0.145038	0.644693	3.272502
1079	53.6	5.882353	1	14.8	3.917613	0	0	3.531163
1219	53.6	5.882353	1	14.6	5.74073	0.435113	1.575673	9.727946
1151	53.6	9.019608	1	14.6	6.613054	0.725189	2.148133	9.298714
1320	53.6	17.64706	1	14.6	7.375186	1.595415	2.9494	20.47481
951	53.6	3.137255	1	14.6	7.568742	1.595415	3.035606	14.46291
1402	53.6	17.2549	1	14.8	5.303773	1.160302	2.179577	7.457715
1504	53.6	23.13725	1	14.8	8.402627	2.320604	2.025175	25.75077
1398	53.6	24.70588	1	14.6	9.015443	2.320604	2.296643	20.15278
1598	53.6	25.88235	1	14.6	8.667573	2.900755	2.279423	26.87523
1670	53.6	27.05882	1	14.6	11.2168	4.351132	3.549984	31.54421
1708	51.8	23.92157	1	14.6	11.2168	4.351132	3.549984	31.54421
1593	51.8	25.09804	1	14.6	11.60266	4.49617	2.458329	32.21102
1608	51.8	20.39216	1	14.6	10.755	4.206094	2.533141	29.47001
1255	51.8	12.15686	1	14.6	8.756535	2.610679	1.957744	16.10122
798	51.8	0	1	14.5	7.094005	1.30534	0.572426	1.534613
744	51.8	0	1	14.6	4.301649	0.580151	-2.69763	0.310185
743	51.8	0	1	14.6	3.889545	0.145038	-2.59261	1.402346
751	51.8	0	1	14.6	3.861404	0	-2.33181	1.80986

853	51.8	5.882353	1	14.6	3.89381	0	-1.22506	1.544271
1044	51.8	4.313725	1	14.6	4.468198	0.145038	0	5.477314
823	51.8	0	1	14.5	5.57669	0.435113	0	7.037214
748	51.8	0	1	14.5	4.021927	0.290076	-0.68331	2.32012
748	51.8	0	1	14.7	3.914419	0.145038	-1.27174	2.116971
726	53.6	0	1	14.5	3.914419	0.145038	-3.37096	2.822628
746	53.6	0	1	14.5	3.850446	0	-3.4949	5.96947
748	53.6	0	1	14.6	3.892864	0.145038	-4.50463	5.894877
741	53.6	0	1	14.6	3.864654	0	-5.1634	5.991497
1252	53.6	2.352941	1	14.9	3.864164	0.145038	-4.29313	6.548014
1484	53.6	24.31373	1	14.7	6.983348	1.160302	3.578506	21.65301
1618	53.6	27.05882	1	14.7	10.44632	3.625943	4.426037	30.13072
1804	53.6	31.76471	1	14.7	10.44632	3.625943	4.141965	30.13072
1735	53.6	32.94118	1	14.7	13.26501	6.961812	4.465615	47.82598
1872	53.6	35.68628	1	14.5	14.52407	8.122113	4.273226	49.2235
1944	51.8	36.86274	1	14.5	15.95449	9.427453	4.220059	56.37222
1840	51.8	36.07843	1	14.6	17.23341	10.29768	4.388152	62.13374
1868	51.8	31.76471	1	14.6	16.5066	10.58776	3.454104	63.08408
1830	51.8	28.23529	1	14.6	16.26907	9.862566	3.299909	56.89718
1562	50	0	1	14.5	14.32921	7.396924	1.430514	44.94668
1090	50	0	1	14.5	6.17902	1.30534	0	0.22278
848	50	0	1	14.5	4.306148	0.435113	-0.49367	0.31051
1138	50	7.058824	1	14.5	4.497858	0.290076	-0.49367	3.729837
1302	50	14.11765	1	14.6	6.218603	0.725189	-0.42	9.865106
1330	50	17.64706	1	14.6	7.381363	1.30534	0.172128	15.96776
1390	50	17.2549	1	14.6	7.749147	1.740453	0	17.88093
1407	51.8	18.43137	1	14.6	8.38955	2.320604	0	21.77847
1442	51.8	19.60784	1	14.6	8.681122	2.755717	0.630706	23.47434
1450	51.8	18.43137	1	14.6	9.023165	2.900755	0.127249	24.07392
1417	50	17.64706	1	14.6	8.912728	2.900755	-0.50346	24.42196
1369	50	16.47059	1	14.6	8.773698	2.755717	0	22.45935
1376	50	16.47059	1	14.6	8.399475	2.465641	-0.76679	20.59289
1380	50	16.47059	1	14.6	8.305051	2.320604	-0.76679	20.66082
1411	50	17.64706	1	14.6	8.399475	2.465641	-0.47754	21.80424
1473	50	23.92157	1	14.6	8.738095	2.755717	-0.58423	23.6284
1542	50	32.54902	1	14.6	10.59069	4.641208	-0.58423	33.98368
1668	50	35.68628	1	14.5	13.02022	7.251887	0	50.69886
1755	50	36.47059	1	14.5	14.6308	8.99234	0	59.08025
1774	50	36.86274	1	14.6	15.42787	10.0076	0.630325	65.08007
1782	50	36.86274	1	14.6	16.14861	10.87783	0.511132	68.70263
1784	50	36.47059	1	14.6	16.43447	11.16791	1.123246	68.73373
1783	50	36.47059	1	14.6	16.33475	11.02287	0.612114	66.54987
1791	50	36.07843	1	14.6	16.23511	10.87783	0.571885	65.55858
1663	50	26.66667	1	14.6	14.81487	8.557226	0.939369	55.55044
1609	50	25.4902	1	14.6	12.63503	6.671736	0.367484	37.35479
1612	50	29.41176	1	14.6	11.80616	5.946547	0	35.7556
1667	48.2	36.07843	1	14.7	12.96953	7.106849	0.560498	47.22825

1841	48.2	40.78431	1	14.7	15.35506	9.572491	1.143034	64.21934
1877	48.2	41.96078	1	14.7	17.49792	11.89309	1.118646	78.2284
1875	50	31.76471	1	14.6	18.42817	12.76332	1.658491	83.71613
1759	50	23.13725	1	14.6	14.64165	8.702264	1.260122	45.92672
1414	50	15.68627	1	14.6	10.92894	4.931283	0.6692	26.40032
1482	48.2	19.60784	1	14.6	9.124599	3.480906	0	22.04168
1533	48.2	17.2549	1	14.6	9.671355	3.625943	0	27.54677
1436	48.2	15.68627	1	14.6	8.994703	2.900755	0	21.72791
1319	48.2	13.72549	1	14.6	8.139538	2.175566	0	15.26017
1325	50	14.11765	1	14.6	7.753661	1.885491	0	14.81627
1323	50	9.411765	1	14.6	7.788938	1.885491	0	15.44533
1282	50	10.98039	1	14.6	7.638086	1.595415	0	12.94311
1293	50	12.54902	1	14.6	7.334612	1.450377	0	8.462202
1293	50	11.76471	1	14.6	7.401863	1.450377	0	11.74221
1299	50	11.76471	1	14.6	7.434773	1.450377	0	10.99026
1344	50	13.72549	1	14.6	7.431911	1.450377	0	12.59374
1369	50	15.68627	1	14.6	7.832189	1.740453	0	16.66063
1354	50	11.76471	1	14.6	7.890464	1.740453	0.594837	15.64665
1367	50	17.2549	1	14.6	7.613657	1.740453	-0.0342	13.17622
1438	50	19.21569	1	14.6	8.178107	2.175566	-0.14907	19.75531
1381	50	14.5098	1	14.6	8.679261	2.320604	0	21.27884
1167	50	8.627451	1	14.6	7.789939	1.740453	0	12.07699
1167	50	8.627451	1	14.7	6.375673	0.725189	0	0
1239	50	6.666667	1	14.7	7.09	0.725189	0	4.089992
1257	50	9.019608	1	14.6	6.767665	0.725189	0	0.732009
1271	50	9.411765	1	14.6	6.932774	0.870226	0	3.249426
1293	50	9.803922	1	14.6	7.07612	1.015264	0.574341	5.357605
1303	50	7.45098	1	14.6	7.126226	1.015264	0.574341	3.853959
1335	50	10.98039	1	14.6	7.255668	1.015264	0.877968	3.923963
1325	50	9.803922	1	14.6	7.501894	1.160302	0.877968	8.384725
1363	50	7.843137	1	14.6	7.375366	1.015264	1.033293	3.722784
1347	50	9.803922	1	14.6	7.585534	1.015264	0.617958	3.008396
1367	50	9.019608	1	14.6	7.566516	1.160302	0	2.455244
1371	50	10.98039	1	14.6	7.702787	1.160302	0	2.77718
1385	50	12.54902	1	14.6	8.032874	1.450377	0	4.923525
1411	50	14.5098	1	14.6	7.924129	1.450377	0	8.570951
1436	50	16.86275	1	14.6	8.29458	1.885491	0	12.85935
1438	50	17.64706	1	14.6	8.516273	2.030528	0.48606	15.04533
1471	50	20.39216	1	14.6	9.028444	2.610679	-0.04693	23.11147
1496	48.2	20.39216	1	14.6	9.028444	2.610679	-0.53299	23.11147
1506	48.2	20.39216	1	14.6	9.541938	3.045793	0	24.76996
1539	48.2	22.7451	1	14.6	9.590538	3.19083	0	25.2419
1539	48.2	22.7451	1	14.6	9.966284	3.480906	-0.50551	27.30883
1504	48.2	20.39216	1	14.6	9.881093	3.335868	-0.50551	26.00663
1427	48.2	18.43137	1	14.6	9.422351	2.900755	-0.59982	23.78009
1460	48.2	20.39216	1	14.6	8.792418	2.610679	-0.59982	20.28825
1498	48.2	21.56863	1	14.6	9.146651	2.900755	-0.59982	23.08428

1535	48.2	21.56863	1	14.6	9.617768	3.335868	0	26.00709
1528	48.2	21.96078	1	14.6	9.938766	3.480906	0	26.87509
1530	48.2	21.96078	1	14.6	9.891824	3.480906	0	27.1048
1532	46.4	21.96078	1	14.6	9.983019	3.625943	0	27.35468
1534	46.4	22.35294	1	14.6	10.02508	3.625943	-0.46608	27.46993
1533	46.4	22.35294	1	14.6	10.04473	3.625943	0	27.16162
1530	46.4	21.96078	1	14.6	10.04309	3.625943	0	27.51929
1479	46.4	19.21569	1	14.6	9.698707	3.335868	0	24.82724
1456	46.4	19.21569	1	14.6	9.377734	3.045793	0	24.00559
1457	46.4	11.37255	1	14.6	9.157175	2.900755	0	23.11084
1309	46.4	7.45098	1	14.6	8.929779	2.465641	-1.09957	20.28325
1272	46.4	10.98039	1	14.6	7.681023	1.740453	-1.57548	6.646401
1306	46.4	13.72549	1	14.6	7.345339	1.30534	-1.01926	11.38771
1306	46.4	13.72549	1	14.6	7.593539	1.595415	-0.43904	13.96274
1267	46.4	12.15686	1	14.6	7.578997	1.595415	-0.98996	13.936
1286	46.4	12.15686	1	14.6	7.304649	1.450377	-0.6583	13.43154
1272	46.4	9.803922	1	14.6	7.478662	1.595415	-0.6583	13.21223
1210	46.4	10.58823	1	14.6	6.846423	1.160302	-0.79564	10.61423
1213	46.4	10.98039	1	14.6	6.866231	1.160302	-0.57622	10.64494
1346	46.4	16.86275	1	14.6	7.235479	1.450377	-1.09038	13.82609
1410	46.4	18.43137	1	14.6	8.042201	2.030528	-0.51416	20.00692
1453	46.4	21.56863	1	14.6	9.133595	2.900755	-0.5877	25.68577
1404	46.4	21.17647	1	14.6	9.466423	3.19083	0	26.96306
1139	46.4	7.843137	1	14.6	8.385694	2.030528	0	15.11699
801	46.4	0	1	14.6	6.446023	1.160302	-0.62657	3.486096
745	46.4	0	1	14.6	4.362536	0.580151	-3.91161	0
740	46.4	0	1	14.6	3.980659	0.290076	-3.60919	0.861118
742	46.4	0	1	14.6	3.915171	0.145038	-2.81666	1.83506
754	46.4	0	1	14.7	3.948459	0	-1.96613	1.708304
750	48.2	0	1	14.7	3.920948	0	-1.0034	1.979135
739	48.2	0	1	14.6	3.916189	0	-0.44459	2.117928
835	48.2	7.843137	1	14.7	3.857446	0	-0.56384	3.476931
1097	48.2	20.39216	1	14.7	6.127648	1.015264	0	13.03473
1410	50	24.31373	1	14.6	8.72726	2.755717	0.949898	27.37495
1595	50	25.4902	1	14.6	10.16174	3.770981	1.577363	31.14177
1624	50	25.88235	1	14.6	10.95642	4.641208	1.835003	33.57714
1641	48.2	25.4902	1	14.6	11.32462	4.931283	2.661269	33.88893
1639	48.2	23.92157	1	14.6	11.46796	4.931283	1.615121	31.83707
1529	48.2	21.17647	1	14.6	10.98377	4.49617	1.957375	30.09688
1436	46.4	14.11765	1	14.6	9.818474	3.335868	1.970916	21.94785
1184	46.4	9.019608	1	14.5	8.575361	2.030528	0.160752	4.946848
962	46.4	0	1	14.5	5.343493	0.870226	0.118472	1.926555
752	46.4	0	1	14.5	4.043463	0.290076	-0.51847	0.437352
752	46.4	0	1	14.6	3.937979	0	-0.50075	0.851885
753	46.4	0	1	14.6	3.944529	0	-0.57628	1.137735
748	48.2	0	1	14.6	3.888223	-0.14504	-0.57628	1.121495
749	48.2	0	1	14.6	3.865396	-0.14504	0	0.696819

747	48.2	0	1	14.6	3.871858	-0.14504	0	0.697984
753	48.2	0	1	14.6	3.869273	-0.14504	0.716248	0.697518
753	50	0	1	14.6	3.869273	-0.14504	0.716248	0.697518
754	50	0	1	14.6	3.820838	-0.14504	0	1.102059
747	50	0	1	14.6	3.885227	-0.14504	-0.52922	1.120631
746	50	0	1	14.6	3.84273	-0.14504	-1.66444	1.66256
748	50	0	1	14.6	3.845306	-0.14504	-2.20918	1.802314
750	50	0	1	14.6	3.891952	0	-1.70021	2.10482
751	50	0	1	14.6	3.862047	-0.14504	-0.62625	1.949404
749	50	0	1	14.6	3.869774	-0.14504	-0.38462	2.092826
748	50	0	1	14.7	3.891952	0	-1.72535	2.806427
724	50	0	1	14.7	3.865936	0	-2.41519	3.205817
746	50	0	1	14.6	3.764475	0	-2.86762	5.293284
748	50	0	1	14.6	3.881546	0	-3.00578	5.877738
740	50	0	1	14.5	3.929558	0.145038	-3.5006	6.092119
745	50	0	1	14.7	3.887516	0.145038	-4.74752	5.466295
748	50	0	1	14.7	3.91642	0.145038	-5.40242	6.212954
742	50	0	1	14.7	3.930871	0.145038	-4.79469	6.377604
750	50	0	1	14.7	3.884889	0.145038	-3.35601	7.1434
750	50	0	1	14.6	3.940068	0.145038	-1.73679	7.386918
751	50	0	1	14.6	3.973771	0.290076	-1.15254	7.450106
752	50	0	1	14.7	3.947951	0.145038	0	7.401697
750	51.8	0	1	14.7	3.992347	0.290076	0	7.484931
751	51.8	0	1	14.6	3.92882	0.145038	0	7.36583
749	51.8	0	1	14.6	3.971686	0.290076	0	7.303
748	51.8	0	1	14.6	3.920965	0.145038	0	7.351104
748	51.8	0	1	14.6	3.918347	0.145038	0	7.346195
749	51.8	0	1	14.6	3.918347	0.145038	0	7.346195
751	51.8	0	1	14.6	3.926202	0.145038	0	7.360921
753	51.8	0	1	14.6	3.969042	0.290076	0	7.298138
750	51.8	0	1	14.7	3.940603	0.145038	0	7.387921
749	51.8	0	1	14.7	3.965075	0.290076	0	7.433802
751	51.8	0	1	14.6	3.920965	0.145038	0	7.209736
749	51.8	0	1	14.6	3.970364	0.290076	0	7.443717
750	51.8	0	1	14.7	3.922274	0.145038	0	7.353558
748	51.8	0	1	14.7	3.927511	0.145038	0	7.363376
749	51.8	0	1	14.6	3.953176	0.290076	0	7.268964
751	51.8	0	1	14.6	3.962431	0.290076	0	7.285982
750	51.8	0	1	14.6	3.970364	0.290076	0	7.300569
752	51.8	0	1	14.6	3.965075	0.290076	0	7.290844
750	51.8	0	1	14.6	3.97433	0.290076	0	7.307862
749	51.8	0	1	14.5	3.924893	0.145038	0	7.216958
753	51.8	0	1	14.5	3.962431	0.290076	1.681726	7.285982
767	51.8	8.627451	1	14.8	4.056303	0.290076	2.761025	8.774812
1580	51.8	25.88235	1	14.8	7.097777	1.450377	4.871097	22.26373
1895	51.8	37.64706	1	14.7	11.13764	5.221359	7.547411	42.96683
1579	51.8	16.47059	1	14.4	14.24287	6.526698	7.290893	50.83804

1367	51.8	19.21569	1	14.4	10.31707	3.770981	2.54306	24.1783
1417	50	21.17647	1	14.7	8.844305	2.900755	2.116939	24.87222
1092	50	5.882353	1	14.7	9.043794	2.610679	2.716749	24.45502
801	50	0	1	14.4	6.247155	1.450377	1.19271	1.576655
752	50	0	1	14.5	4.333075	0.580151	-0.58803	0
748	50	0	1	14.5	3.930871	0.145038	-1.83364	0.708623
752	50	0	1	14.7	3.819108	0	-2.12074	1.65234
747	50	0	1	14.7	3.911464	0	-1.76797	1.833323
747	50	0.784314	1	14.7	3.88805	0	-1.48674	1.962529
955	50	14.5098	1	14.6	3.884147	0	1.196733	2.520719
1365	50	21.96078	1	14.6	7.956024	1.740453	3.156583	23.52156
1572	51.8	25.88235	1	14.6	9.338326	3.045793	3.66236	28.28163
1619	51.8	25.4902	1	14.6	10.4294	4.061057	4.011742	31.96202
1594	51.8	21.17647	1	14.6	11.07698	4.641208	3.596814	33.54725
1499	50	14.5098	1	14.6	10.58038	4.061057	3.596814	28.61005
1483	50	16.47059	1	14.6	9.279873	2.755717	3.343297	20.4093
1329	50	15.68627	1	14.6	8.873703	2.175566	1.972898	12.79738
1275	50	5.490196	1	14.6	7.29741	1.450377	1.613149	9.734793
1179	50	8.627451	1	14.6	6.339836	1.015264	1.556262	5.943026
1132	50	0.784314	1	14.5	6.565315	1.015264	0.949846	6.154391
838	50	0.784314	1	14.5	4.40121	0.145038	0.550598	0
813	50	0	1	14.6	4.227555	0	0.550598	0
753	50	0	1	14.6	3.898456	0	0.56509	0
752	50	0	1	14.6	3.880076	-0.14504	0.56509	0
744	50	0	1	14.6	3.912765	0	0	0
753	50	0	1	14.6	3.829852	-0.14504	-0.98081	0
744	50	0	1	14.6	3.876212	-0.14504	-2.85927	0
747	50	0	1	14.6	3.869839	0	-3.35878	0.279048
744	50	0	1	14.6	3.832428	-0.14504	-4.28478	1.381752
743	50	0	1	14.6	3.865936	0	-3.5338	1.533217
744	50	0	1	14.6	3.863335	0	-2.2691	1.950054
743	51.8	0	1	14.6	3.868538	0	-2.94026	2.650066
737	51.8	0	1	14.6	3.853627	0	-2.64585	4.446066
750	51.8	0	1	14.6	3.81863	0	-2.54017	5.369432
747	51.8	0	1	14.6	3.911801	0.145038	-2.65384	5.923553
759	51.8	0	1	14.6	3.911801	0.145038	-2.45684	5.923553
739	51.8	0	1	14.6	3.871217	0.145038	-1.35349	5.164228
750	51.8	0	1	14.6	3.943221	0.145038	0	4.975943
829	50	0	1	14.5	6.695016	1.450377	-0.00511	0
726	48.2	0	1	14.5	4.485943	0.580151	-3.31421	0
745	48.2	0	1	14.6	3.830098	0.145038	-5.31426	2.071369
749	48.2	0	1	14.7	3.926345	0.145038	-3.69127	5.379331
773	48.2	0	1	14.7	4.03498	0	-2.02362	2.182172
758	50	13.72549	1	14.8	4.021536	0.290076	-0.63553	8.409616
1447	50	20.39216	1	14.8	7.16473	1.160302	0.590552	18.34064
1674	50	31.76471	1	14.6	9.108456	3.045793	1.750078	29.22745
1736	50	30.98039	1	14.6	11.58092	4.786245	3.155093	36.3261

1627	50	6.666667	1	14.6	10.66655	3.770981	2.56053	19.99786
854	50	0	1	14.5	7.218621	1.885491	0.619969	5.72576
698	48.2	0	1	14.5	4.708715	0.870226	-0.63095	0
745	48.2	0	1	14.5	3.751318	0.435113	-1.57359	3.787024
743	48.2	0	1	14.6	3.957231	0.290076	-3.03602	5.564322
745	48.2	0	1	14.6	4.042369	0.145038	-3.39885	4.080846
748	50	0	1	14.6	3.915106	0.145038	-3.08875	4.799308
748	50	0	1	14.6	3.929558	0.145038	-2.58806	5.383733
746	50	0	1	14.6	3.917734	0.145038	-3.87681	5.932536
780	50	0	1	14.6	3.917734	0.145038	-3.87681	5.932536
749	50	0	1	14.6	4.097723	0.145038	-3.20308	4.136727
750	50	0	1	14.6	3.941382	0.145038	-0.5016	5.257829
746	50	0	1	14.6	3.932185	0.145038	0	5.103789
743	51.8	0	1	14.7	3.903946	0.145038	-0.94046	5.911658
743	51.8	0	1	14.7	3.892164	0.145038	-2.05817	6.034145
749	51.8	0	1	14.6	3.892164	0.145038	-1.11771	6.73579
749	51.8	0	1	14.6	3.959787	0.290076	-1.86649	6.995586
750	51.8	0	1	14.6	3.961109	0.290076	0	6.712292
751	51.8	0	1	14.6	3.970364	0.290076	1.394455	6.584826
749	51.8	0	1	14.6	3.932748	0.145038	1.394455	6.380649
759	51.8	0	1	14.6	3.922274	0.145038	0	6.222241
1238	51.8	13.72549	1	14.7	4.012672	0.290076	0.608159	8.825102
1341	51.8	17.64706	1	14.7	7.787205	1.740453	4.99915	20.4956
1431	51.8	18.43137	1	14.7	7.787205	1.740453	4.629467	20.4956
1516	51.8	23.13725	1	14.7	8.963474	3.045793	3.963991	25.85369
1545	51.8	24.31373	1	14.7	9.826879	3.625943	3.359404	29.76125
1517	50	23.13725	1	14.7	10.17013	3.916019	2.781101	30.06744
1146	50	16.47059	1	14.6	9.708599	3.335868	2.090793	30.1031
790	50	0	1	14.6	6.617268	1.595415	1.009095	2.624385
749	50	0	1	14.6	4.274903	0.580151	-0.56341	0.770642
779	50	16.86275	1	14.8	3.976425	0.290076	-0.56341	0.860202
1425	50	27.84314	1	14.8	4.134315	0.290076	0.581608	4.322726
1654	50	28.62745	1	14.6	8.674942	2.465641	2.55278	28.46192
1738	50	32.15686	1	14.6	12.65665	5.801509	3.525666	38.33136
1818	50	34.90196	1	14.6	14.65791	7.977076	3.370709	49.1486
1497	50	19.21569	1	14.6	13.77681	7.396924	2.754678	46.19423
1258	50	5.098039	1	14.5	9.814275	3.770981	1.957133	19.81538
1133	46.4	1.960784	1	14.5	7.329566	1.740453	0.583168	3.171142
924	46.4	10.19608	1	14.5	6.232578	0.725189	-1.04126	0
1142	46.4	9.019608	1	14.6	6.041378	0.725189	-0.61451	9.801775
1245	48.2	13.33333	1	14.6	6.343316	0.870226	0	10.06295
846	48.2	0	1	14.5	7.022354	1.160302	0.488516	11.39335
941	48.2	21.96078	1	14.7	4.592802	0.580151	0	1.15913
1488	48.2	29.01961	1	14.7	9.398201	3.045793	0.520414	30.49604
1599	48.2	34.90196	1	14.6	9.398201	3.045793	0.520414	30.49604
1739	48.2	34.90196	1	14.6	12.60549	7.396924	2.497677	48.62951
1772	48.2	36.86274	1	14.6	15.54664	9.862566	2.314669	63.89954

1841	48.2	38.82353	1	14.6	16.61056	11.16791	2.233722	71.26681
1858	48.2	38.43137	1	14.6	17.69021	12.18317	2.558367	75.26121
1874	48.2	41.56863	1	14.6	17.94333	12.32821	2.505152	74.39727
1900	48.2	41.56863	1	14.6	18.30086	12.61828	3.158555	76.53952
1912	46.4	41.56863	1	14.6	18.84744	13.0534	2.412532	82.90266
1922	46.4	39.21569	1	14.6	18.93704	12.76332	2.266046	81.24848
1895	46.4	34.11765	1	14.6	18.74776	12.47325	1.793508	72.32517
1844	46.4	23.13725	1	14.6	17.86946	11.60302	1.445633	65.71551
1603	46.4	17.64706	1	14.6	15.26937	8.412189	0.995215	47.3452
1485	46.4	17.2549	1	14.6	9.568188	3.335868	-0.47277	21.04339
1492	46.4	21.17647	1	14.6	9.460161	3.045793	-1.02402	21.48797
1593	46.4	23.92157	1	14.6	9.904264	3.480906	0	27.13889
1693	46.4	26.27451	1	14.6	10.84844	4.351132	-0.49952	30.89943
1716	46.4	28.23529	1	14.7	12.2446	5.511434	-0.49952	36.2005
1733	46.4	28.23529	1	14.7	12.7688	6.091585	-0.54086	37.75027
1713	46.4	28.23529	1	14.6	12.98423	6.236623	-0.54086	38.3872
1719	46.4	28.23529	1	14.6	12.74275	6.091585	-0.57127	38.1327
1731	46.4	29.41176	1	14.6	12.88307	6.236623	0	38.08812
1733	46.4	29.41176	1	14.6	13.15443	6.526698	0	40.78748
1734	46.4	28.23529	1	14.6	13.25472	6.671736	0.408353	41.09842
1681	46.4	13.72549	1	14.6	13.26237	6.671736	0	40.16581
1299	46.4	0	1	14.6	7.623801	1.740453	-0.53696	0
953	46.4	0	1	14.6	7.623801	1.740453	-0.97545	0
759	46.4	0	1	14.6	4.017053	0.145038	-1.81067	0
751	46.4	0	1	14.6	3.935358	0	-2.79994	0
745	46.4	0	1	14.6	3.882957	0	-3.27705	0
746	48.2	0	1	14.6	3.85118	-0.14504	-4.28954	0
747	48.2	0	1	14.6	3.853765	-0.14504	-4.06729	0.555778
744	48.2	0	1	14.6	3.900524	0	-2.25199	0.843782
746	50	0	1	14.6	3.843426	-0.14504	-1.53508	0.831431
748	50	0	1	14.6	3.891952	0	-1.0002	1.122571
750	50	0	1	14.6	3.911464	0	-1.1077	0.987174
749	50	0	1	14.6	3.902358	0	-0.58839	0.844179
749	50	0	1	14.6	3.894554	0	-0.71338	1.404151
745	50	0	1	14.6	3.873741	0	-2.14845	1.955306
732	50	0	1	14.5	3.871139	0	-3.29971	2.93099
746	50	0	1	14.5	3.810003	0	-3.58033	5.219935
762	50	0	1	14.6	3.919047	0.145038	-3.53635	5.651929
745	50	0	1	14.6	4.001816	0.145038	-3.67747	4.472754
743	50	0	1	14.6	3.875042	0	-3.54608	5.029619
746	51.8	0	1	14.6	3.904596	0.145038	-3.54608	5.912642
747	51.8	0	1	14.6	3.911801	0.145038	-4.30708	5.359405
741	51.8	0	1	14.6	3.877763	0.145038	-2.75157	6.011819
743	51.8	0	1	14.6	3.903946	0.145038	-1.50274	6.193166
749	51.8	0	1	14.6	3.888236	0.145038	-0.96614	6.448618
749	51.8	0	1	14.6	3.920965	0.145038	-1.69705	6.644267
749	51.8	0	1	14.6	3.946565	0.290076	-1.69705	6.972228

749	51.8	0	1	14.6	3.962431	0.290076	0	7.000257
759	51.8	0	1	14.6	3.956313	0.145038	1.768439	6.704165
1338	51.8	14.5098	1	14.9	4.015316	0.290076	2.761707	8.975686
1427	51.8	17.64706	1	14.9	7.629611	1.450377	4.984868	21.45622
1459	51.8	18.43137	1	14.6	8.732062	2.610679	6.490608	22.98243
1449	51.8	20.39216	1	14.6	9.153253	3.045793	4.564997	27.0611
1249	51.8	11.37255	1	14.6	8.788486	2.465641	3.712937	19.01173
1228	50	15.68627	1	14.6	7.316253	1.885491	2.798736	14.77178
1331	50	15.29412	1	14.6	7.15474	1.740453	2.314857	14.9616
1353	50	22.35294	1	14.6	7.825685	1.885491	2.527907	18.33969
1578	50	24.31373	1	14.6	9.247028	2.900755	2.655768	27.33835
1578	50	25.88235	1	14.6	10.58995	4.206094	2.997397	31.69043
1658	50	25.88235	1	14.6	11.45636	4.786245	3.33347	33.04402
1623	50	24.31373	1	14.6	11.47193	4.786245	2.662954	32.67532
1516	50	10.98039	1	14.6	10.89367	4.206094	2.264706	28.67168
1472	50	7.45098	1	14.6	9.306266	2.610679	1.059404	13.08568
892	50	1.960784	1	14.6	5.877888	1.160302	-0.0892	2.33115
914	50	2.745098	1	14.6	4.781781	0.435113	-0.63194	0
1199	50	12.94118	1	14.8	4.852114	0.290076	-0.40248	2.449149
1244	50	11.76471	1	14.8	6.551865	0.725189	-0.40248	12.04734
1012	50	4.313725	1	14.6	6.925801	1.015264	0	10.98699
933	50	1.960784	1	14.6	5.4735	0.580151	0	1.578743
1163	50	9.019608	1	14.7	5.047362	0.580151	-0.35268	3.639575
1225	50	14.5098	1	14.6	6.35382	0.725189	-0.35268	9.621448
1296	50	13.72549	1	14.6	7.417603	1.450377	-0.02576	15.51128
916	50	3.921569	1	14.6	7.181445	1.30534	1.142555	8.803329
750	50	0.392157	1	14.6	4.909063	0.435113	0.060302	0
1033	50	3.921569	1	14.7	3.938754	0.145038	-0.49618	0.710044
1168	50	10.19608	1	14.7	5.482345	0.290076	0.483409	5.139205
1145	50	9.411765	1	14.6	6.44053	0.870226	0.882379	9.520542
1082	50	0	1	14.6	6.315056	0.870226	1.450149	7.513588
765	50	0	1	14.5	5.797357	0.435113	1.051178	0.418038
749	50	0	1	14.5	4.018896	0.145038	0	0
751	50	0	1	14.7	3.894554	0	0	0
746	50	0	1	14.5	3.844018	-0.14504	0.571408	0
748	51.8	0	1	14.5	3.892954	-0.14504	-0.05387	0.140357
747	51.8	0	1	14.7	3.838189	-0.14504	-0.62527	0
750	51.8	0	1	14.7	3.833056	-0.14504	-1.06043	0.276396
747	51.8	0	1	14.7	3.888625	0	-2.03459	0.140201
746	51.8	0	1	14.7	3.835623	-0.14504	-2.03459	0.276581
752	51.8	7.058824	1	14.7	3.83049	-0.14504	-1.08422	0.690527
963	51.8	3.921569	1	14.6	5.391163	0.145038	-1.19812	4.664982
782	51.8	0	1	14.6	5.042924	0.145038	-1.71786	3.090919
750	51.8	0	1	14.6	4.095085	0.145038	-0.44955	0.738226
750	51.8	0	1	14.6	3.886032	0	-0.9298	0.560432
748	51.8	0	1	14.6	3.875663	0	-0.59841	0.838404
748	51.8	0	1	14.6	3.870478	0	-1.05101	1.255924

748	51.8	0	1	14.6	3.876959	0	-0.4526	1.118246
749	51.8	0	1	14.6	3.836906	-0.14504	-0.49124	1.24503
749	51.8	0	1	14.6	3.882144	0	-0.49124	1.259709
743	51.8	0	1	14.6	3.845889	-0.14504	-0.47832	1.247945
745	51.8	0	1	14.6	3.852331	0	-1.07262	1.805607
747	51.8	0	1	14.6	3.87307	0	-1.64303	2.653171
732	51.8	0	1	14.5	3.886927	0.145038	-2.1288	3.503504
740	51.8	0	1	14.5	3.795298	0	-2.75602	4.926116
748	51.8	0	1	14.6	3.838073	0	-2.41636	5.120014
790	51.8	0	1	14.6	3.915729	0.145038	-2.41636	5.505964
732	51.8	0	1	14.6	4.136978	0.145038	-2.17253	2.983111
744	51.8	0	1	14.6	3.8974	0.145038	-2.83213	4.918122
743	51.8	0	1	14.6	3.861404	0	-3.51929	5.151139
751	51.8	0	1	14.6	3.892164	0.145038	-2.71712	5.753487
731	51.8	0	1	14.5	4.144834	0.145038	-3.34226	2.839337
746	51.8	0	1	14.5	3.828014	0.145038	-3.98975	5.244612
746	51.8	0	1	14.6	3.906564	0.145038	-3.1835	6.19732
754	51.8	5.882353	1	14.7	3.907874	0.145038	-1.84077	6.762978
1313	51.8	18.43137	1	14.7	5.435364	0.580151	2.024835	17.0492
1362	51.8	17.64706	1	14.6	7.556531	1.595415	5.350641	20.16092
1435	51.8	18.43137	1	14.6	8.048909	2.030528	5.522304	20.8942
1437	51.8	20	1	14.4	8.706593	2.465641	4.49293	21.65975
1557	50	26.27451	1	14.6	9.013664	3.045793	4.066549	27.29838
1588	50	26.27451	1	14.6	10.53168	4.351132	3.729127	33.03492
1566	50	18.43137	1	14.6	10.67404	4.49617	3.436519	31.94208
1263	50	12.94118	1	14.6	8.733855	3.045793	2.501241	19.83822
1209	50	8.627451	1	14.6	7.294444	1.595415	1.397766	11.57181
1217	50	10.58823	1	14.6	6.85392	1.30534	1.37459	10.62585
903	50	0	1	14.5	6.8374	1.160302	-0.20929	9.61417
736	50	8.627451	1	14.7	3.9444	0.435113	-0.7121	5.404067
1197	50	11.76471	1	14.7	5.7911	0.725189	0	10.64848
1206	50	11.76471	1	14.6	6.664135	1.015264	0	13.93568
1202	50	10.98039	1	14.6	6.838324	1.30534	0.529998	14.29993
1202	50	9.019608	1	14.6	6.751704	1.160302	0.510334	13.87537
808	50	2.745098	1	14.6	6.280585	0.870226	0	7.246133
782	50	1.176471	1	14.6	4.372306	0.580151	0	2.049322
1082	50	8.627451	1	14.7	4.188245	0.435113	-0.51376	5.436142
1171	50	10.19608	1	14.7	5.912658	0.725189	-0.51376	10.23246
1183	50	10.19608	1	14.7	6.520776	1.015264	1.153146	11.99018
1188	50	9.803922	1	14.6	6.647745	1.160302	1.014671	11.98397
1178	50	9.803922	1	14.6	6.621053	1.160302	0.952836	11.69713
1067	50	7.45098	1	14.7	6.481973	1.160302	0.542056	9.581804
792	50	0	1	14.7	5.883482	0.870226	0.617172	4.030364
792	50	0	1	14.6	4.203308	0.290076	0.275011	0.454641
751	50	0	1	14.6	3.907561	0	-0.34216	0.845305
747	50	0	1	14.7	3.907561	0	0	0.986189
750	50	0	1	14.6	3.88805	0	-0.60546	1.121445

754	50	0	1	14.6	3.873741	0	-0.66556	1.815642
749	50	0	1	14.6	3.923171	0	-0.66556	1.697363
749	51.8	0	1	14.6	3.898456	0	0	1.546114
752	51.8	0	1	14.6	3.880848	0	-0.40553	2.098814
753	51.8	0	1	14.6	3.896402	0	-0.40553	1.966745
747	51.8	0	1	14.6	3.870478	0	-0.62388	2.651395
744	51.8	0	1	14.6	3.876959	0	0	2.795615
753	51.8	0	1	14.6	3.85622	0	-0.61761	2.780661
748	51.8	0	1	14.6	3.902883	0	-0.6627	2.673594
748	51.8	0	1	14.6	3.879551	0	-0.6627	3.077233
745	51.8	0	1	14.6	3.860108	0	-0.40133	4.453543
751	51.8	0	1	14.6	3.87307	0	0	4.88742
759	51.8	0	1	14.6	3.895106	0	-0.55732	5.196096
759	51.8	0	1	14.6	3.974641	0.145038	-0.88053	5.158895
753	51.8	0	1	14.6	3.901587	0	-0.32321	4.782736
750	51.8	0	1	14.6	3.940603	0.145038	-0.554	4.972639
749	51.8	0	1	14.6	3.92882	0.145038	-0.554	4.95777
751	51.8	0	1	14.6	3.922274	0.145038	-0.43357	5.090925
750	51.8	0	1	14.6	3.932748	0.145038	0	4.962727
746	51.8	1.960784	1	14.6	3.905255	0.145038	-0.54233	5.350437
819	51.8	5.882353	1	14.7	3.905255	0.145038	-0.54233	5.350437
1090	51.8	5.882353	1	14.7	5.932681	0.725189	0	9.839318
1116	51.8	6.666667	1	14.6	6.189926	1.015264	0.505893	11.15865
1228	51.8	8.627451	1	14.6	6.266208	1.015264	0.505893	12.87763
1348	51.8	14.5098	1	14.6	7.067342	1.595415	0.484259	17.58172
1119	51.8	9.803922	1	14.6	7.829305	1.740453	1.028493	18.63045
774	51.8	0	1	14.6	6.151312	0.870226	0.544234	3.548493
750	50	0	1	14.7	4.130783	0.435113	-0.53157	0.744661
726	50	0	1	14.7	3.941382	0.145038	-3.81816	0.994724
740	50	0	1	14.6	3.754823	0.145038	-3.54544	5.279713
752	51.8	0	1	14.6	3.88883	0.145038	-3.00843	6.169186
752	51.8	0	1	14.6	3.937984	0.145038	-1.88304	6.389145
741	51.8	0	1	14.6	3.964168	0.145038	-1.44089	5.574076
759	51.8	0.392157	1	14.6	3.880381	0.145038	-0.618	5.316358
829	51.8	1.960784	1	14.6	3.972023	0.145038	0	6.157954
746	51.8	2.745098	1	14.6	3.943921	0.290076	0.603316	5.687801
749	51.8	1.176471	1	14.6	3.941912	0.145038	0.603316	5.827026
775	51.8	2.745098	1	14.6	3.920965	0.145038	0	6.078797
1132	51.8	9.411765	1	14.7	4.097289	0.290076	0.737308	7.829402
1186	51.8	8.627451	1	14.6	6.516791	0.870226	1.811482	12.21781
1030	51.8	5.490196	1	14.6	6.427093	1.015264	1.663905	9.964128
695	51.8	0	1	14.6	5.553993	0.580151	0.589731	3.804654
745	51.8	0	1	14.6	3.67685	0.290076	-1.19216	5.567772
753	51.8	0	1	14.6	3.94921	0.290076	-1.403	5.837814
747	51.8	0	1	14.6	3.94453	0.145038	-0.76708	5.830897
750	51.8	0	1	14.7	3.91311	0.145038	-1.65702	5.925535
798	51.8	0	1	14.7	4.180181	0.145038	-1.16356	3.014264

742	51.8	1.176471	1	14.6	4.180181	0.145038	-1.16356	3.014264
850	51.8	1.960784	1	14.6	3.844554	0	-0.01404	3.603923
823	51.8	1.176471	1	14.6	4.30848	0.145038	0.102507	4.038812
1214	51.8	9.411765	1	14.6	5.29632	0.435113	0.043079	10.88442
859	51.8	0	1	14.5	6.610468	0.725189	1.430654	0
725	51.8	0	1	14.5	4.587385	0.435113	0.305389	0
727	51.8	0	1	14.6	3.842415	0.145038	-2.14153	3.601918
727	51.8	0	1	14.6	3.808377	0.145038	-1.83719	5.355015
745	51.8	0	1	14.6	3.873835	0.145038	-2.55116	6.285066
753	51.8	0	1	14.6	3.860108	0	-2.09283	6.819488
834	51.8	0	1	14.6	3.941912	0.145038	-2.07736	7.10613
744	51.8	0	1	14.6	4.324151	0	-1.60294	0.467712
751	51.8	0	1	14.6	3.85622	0	0	1.39033
750	51.8	0	1	14.6	3.884736	0	0	1.26055
750	51.8	0	1	14.6	3.886032	0	0	1.401079
750	51.8	0	1	14.6	3.844606	-0.14504	0	1.524757
751	51.8	0	1	14.6	3.888625	0	0	1.542215
749	51.8	0	1	14.6	3.891217	0	0	1.402948

Engine Tor	Trip Distar	Trip Durati	Altitude (ft)	Bearing (d)	Horz Accur	GPS Speed (MPH)
54.74854	0.006604	0.375215	1004	0	121	0
55.75548	0.007297	0.391961	1004	0	105	0
55.75548	0.007297	0.391961	1007	0	102	0
56.3849	0.008923	0.418353	1004	0	69	0
58.43395	0.009839	0.4328	1001	0	56	0
59.59376	0.011432	0.46363	1001	0	46	0
53.15493	0.01246	0.480402	997	0	43	0
53.76554	0.013169	0.494018	994	0	36	0
52.26472	0.013638	0.50921	978	0	36	0
53.08199	0.013638	0.526553	974	0	36	0
36.7675	0.013638	0.526553	971	0	36	0
63.28376	0.014358	0.549937	971	0	36	0
98.40273	0.01576	0.56918	971	0	33	0
116.4304	0.019606	0.595947	971	0	33	0
124.2028	0.019606	0.595947	971	0	33	0
134.8897	0.024012	0.61627	968	60	33	10
140.6987	0.031636	0.644545	968	53	33	16
153.5231	0.03658	0.66057	968	53	33	16
129.6781	0.04228	0.677006	965	52	36	17
84.94823	0.046955	0.690361	958	51	36	17
80.84907	0.051883	0.703979	955	50	33	22
91.78031	0.057248	0.718387	945	48	33	22
91.78031	0.066347	0.742858	951	51	33	24
2.813616	0.071551	0.757325	955	51	33	24
7.311854	0.076764	0.772098	955	49	33	23
16.88266	0.081581	0.786882	955	48	36	26
43.18975	0.088702	0.814346	951	52	36	31
49.10087	0.09094	0.826542	951	53	39	31
49.13892	0.092898	0.840908	955	48	43	29
51.82491	0.093967	0.852422	955	45	46	27
38.43153	0.094915	0.867712	951	54	46	19
60.21712	0.09782	0.895269	955	54	52	18
72.17941	0.100053	0.909686	955	55	56	14
83.47891	0.102556	0.923079	951	42	43	13
93.92912	0.107978	0.946942	958	0	43	14
104.0529	0.11204	0.961669	968	335	39	14
140.6729	0.116792	0.976768	965	336	39	16
143.1475	0.121676	0.991242	968	327	39	19
141.4817	0.126213	1.003608	961	341	39	22
141.4817	0.135821	1.026914	961	335	39	24
155.4331	0.141192	1.039634	961	333	39	23
146.4684	0.147715	1.054408	965	327	36	25
119.307	0.154428	1.069192	965	333	36	28
84.95886	0.163018	1.088132	965	333	36	30
60.86821	0.174657	1.114133	968	326	36	30
40.7829	0.181241	1.129759	965	328	36	27

0	0.18789	1.146291	968	329	36	25
42.60007	0.192274	1.157262	971	334	36	24
55.972	0.197064	1.169642	968	344	39	25
64.29223	0.201756	1.181698	961	330	36	25
66.74576	0.213578	1.213019	958	320	36	23
91.79504	0.218817	1.226864	961	311	36	22
103.6875	0.224607	1.241321	965	309	39	22
104.1738	0.232011	1.259671	965	297	39	21
120.859	0.237541	1.273126	971	289	43	21
120.1008	0.24339	1.286872	974	290	43	19
121.0519	0.248956	1.299581	974	289	46	20
130.2019	0.258689	1.322507	974	291	56	23
55.47855	0.264203	1.336241	978	295	62	25
26.00532	0.273926	1.362857	974	283	66	28
26.00532	0.273926	1.362857	978	284	62	28
57.23975	0.284855	1.396009	974	285	62	28
101.4759	0.289188	1.41045	974	287	62	27
9.971859	0.292418	1.423084	974	286	69	27
33.23556	0.295794	1.441216	974	284	69	26
42.83346	0.297528	1.453956	971	285	79	25
28.84964	0.298963	1.469359	978	288	79	25
73.9465	0.301859	1.493814	988	303	72	17
94.06966	0.304026	1.506125	988	322	66	9
98.17639	0.309515	1.530803	991	347	59	13
100.177	0.309515	1.530803	991	356	52	15
156.5498	0.319519	1.562398	991	359	46	16
204.4054	0.324769	1.57549	997	2	46	17
189.2326	0.330192	1.588156	997	3	46	17
158.2031	0.338721	1.606365	1001	4	49	16
40.52595	0.348283	1.627634	1001	358	43	29
0	0.353938	1.640678	997	356	43	29
0	0.361698	1.660231	997	358	39	29
20.05876	0.366512	1.673601	1004	0	39	29
27.90939	0.37003	1.684929	1001	1	43	28
41.00995	0.374267	1.701502	1014	350	39	15
22.93779	0.38132	1.72968	1004	342	39	13
65.60539	0.384843	1.742742	1004	338	39	12
80.81503	0.387749	1.752989	1004	322	39	13
92.48585	0.395056	1.775487	1007	303	39	13
94.38927	0.39848	1.785452	1010	284	36	15
99.22905	0.403629	1.799541	1007	274	39	17
100.5642	0.41538	1.830789	1017	267	39	18
87.52216	0.41951	1.841045	1027	268	39	22
86.39238	0.424309	1.853061	1030	278	39	25
66.85338	0.433574	1.876148	1030	284	43	22
54.19506	0.438534	1.888192	1027	286	43	24
52.42522	0.445266	1.904704	1030	292	46	27

42.06499	0.450145	1.916748	1030	287	46	23
30.27427	0.457561	1.935617	1037	290	46	21
56.97463	0.468854	1.964155	1033	288	43	16
67.38646	0.474736	1.979628	1033	302	46	16
86.52972	0.480632	1.99506	1040	299	46	17
102.6007	0.485337	2.00769	1040	307	49	18
98.61614	0.49058	2.021245	1040	306	52	18
99.4081	0.496072	2.035713	1047	299	62	15
94.59913	0.507305	2.064198	1047	303	72	15
92.84154	0.512474	2.077293	1047	291	82	12
69.23282	0.517308	2.089742	1037	288	79	14
69.23282	0.524506	2.109071	1040	295	69	18
70.06516	0.529319	2.122828	1043	298	62	26
13.59264	0.534259	2.137677	1047	297	46	20
8.147994	0.538505	2.151509	1047	294	46	20
11.7162	0.544145	2.173271	1043	294	43	18
27.7598	0.548772	2.197793	1050	286	43	17
37.87839	0.55033	2.211262	1053	280	43	14
37.49033	0.551746	2.226671	1053	273	43	11
54.49773	0.553457	2.240408	1047	277	43	9
94.78706	0.55603	2.254958	1043	269	39	10
106.1109	0.558997	2.267951	1040	260	39	14
99.58879	0.566724	2.295398	1040	258	39	14
123.2437	0.569902	2.305034	1040	255	39	16
123.854	0.573985	2.317126	1040	255	39	21
85.97135	0.58041	2.334315	1040	260	39	21
30.64552	0.589755	2.360818	1037	258	43	21
6.888245	0.593553	2.372195	1037	262	43	23
6.888245	0.599491	2.391533	1033	262	43	23
16.20626	0.603931	2.406338	1037	262	39	20
29.49742	0.608424	2.421819	1033	253	39	18
39.7444	0.612353	2.435355	1020	252	36	14
38.33726	0.617902	2.454326	1024	222	36	13
41.49651	0.622088	2.468761	1020	217	36	15
46.50904	0.630217	2.495004	1017	213	36	15
47.87695	0.630217	2.495004	1030	195	36	16
51.87452	0.641411	2.528272	1037	192	36	17
31.41069	0.645803	2.541367	1033	179	33	18
10.54693	0.65001	2.553476	1020	179	33	19
10.61224	0.658961	2.579578	1017	172	33	21
4.8398	0.66433	2.595369	1020	177	33	21
10.42782	0.669482	2.610596	1020	175	33	22
11.41777	0.675944	2.629018	1020	166	33	20
8.591981	0.681582	2.644504	1017	170	33	21
3.871341	0.686621	2.658045	1020	161	33	24
6.916932	0.691291	2.670396	1020	162	33	22
20.50479	0.697732	2.688682	1017	163	33	22

30.56786	0.702223	2.701816	1014	164	36	20
32.32589	0.710057	2.728276	1007	169	36	17
36.04715	0.710057	2.728276	1010	166	36	17
39.00145	0.715666	2.753056	1010	166	39	18
38.43079	0.718449	2.766941	1007	168	39	18
44.91083	0.723885	2.797046	1007	175	43	18
30.77779	0.723885	2.797046	1010	243	39	11
51.6113	0.731005	2.829837	1007	244	39	11
95.92246	0.735033	2.845683	1007	245	43	11
137.1732	0.738872	2.858862	1007	248	46	13
140.1709	0.743879	2.874366	1007	248	56	12
134.779	0.748768	2.888189	1007	256	52	16
131.4578	0.753887	2.901942	1010	246	46	23
128.1582	0.759962	2.917184	1007	247	46	23
128.4834	0.767667	2.935536	1010	259	43	23
127.8977	0.779595	2.962597	1014	267	39	26
108.5755	0.785319	2.974983	1014	270	39	25
46.65315	0.793029	2.991897	1017	268	43	25
37.9482	0.799148	3.005351	1020	271	43	25
51.02736	0.809492	3.028739	1024	271	43	29
53.68597	0.809492	3.028739	1020	273	43	24
61.41853	0.819908	3.05194	1024	272	39	26
64.00972	0.832333	3.079988	1027	271	43	27
12.11353	0.838461	3.094449	1030	270	43	25
8.028395	0.843133	3.105749	1027	272	46	25
13.70388	0.848265	3.118469	1024	274	46	24
15.60923	0.858348	3.146467	1020	279	49	25
21.77117	0.862923	3.161277	1017	280	56	24
36.549	0.866544	3.174018	1017	282	49	22
34.33397	0.869735	3.188213	1020	278	46	18
36.01747	0.872469	3.202688	1024	275	49	17
42.5631	0.874489	3.219163	1020	277	46	13
37.21629	0.877463	3.246342	1020	276	46	12
46.02047	0.87942	3.259834	1024	279	46	12
71.76911	0.882094	3.276074	1024	290	46	11
83.18229	0.88472	3.289899	1024	349	46	8
90.26284	0.88832	3.305772	1024	7	43	9
120.5537	0.892116	3.320558	1017	8	43	11
157.1234	0.899173	3.342409	1017	8	43	14
153.3213	0.903616	3.355185	1014	3	39	20
151.8278	0.908845	3.368671	1004	3	39	21
154.995	0.91499	3.383524	997	0	39	23
149.348	0.922541	3.401173	1001	360	39	23
126.8155	0.929972	3.418123	1007	358	39	27
103.2497	0.936675	3.432648	1004	359	39	27
103.9592	0.951294	3.464539	1014	359	39	26
107.4457	0.958678	3.480703	1014	358	39	26

86.06543	0.965217	3.496022	1030	2	39	25
20.64048	0.970679	3.509521	1030	359	39	26
20.64048	0.976545	3.525416	1024	356	36	25
21.33506	0.981008	3.537869	1030	355	36	23
32.67392	0.985733	3.552662	1027	357	36	21
40.36815	0.989727	3.566107	1027	359	39	20
37.25091	0.997419	3.597252	1024	359	36	17
27.34885	1.000249	3.610955	1024	347	36	13
39.39425	1.002805	3.624078	1024	315	36	8
39.39425	1.002805	3.624078	1030	299	36	11
40.62394	1.009636	3.660778	1027	297	36	12
60.16923	1.012445	3.674869	1027	289	36	12
69.3252	1.015871	3.690763	1024	283	36	15
74.84134	1.020286	3.708349	1024	284	39	14
79.7365	1.023844	3.722077	1024	274	39	11
93.83156	1.03051	3.74689	1024	274	39	11
31.73926	1.034586	3.762738	1027	270	46	11
21.758	1.038234	3.778705	1027	266	49	11
26.10469	1.040978	3.792465	1024	265	62	11
45.64697	1.043289	3.808426	1027	265	62	15
45.64697	1.045467	3.826031	1027	290	49	12
19.3413	1.04732	3.841012	1030	297	43	12
36.36978	1.049506	3.857275	1030	293	43	10
53.25705	1.05117	3.867917	1027	345	39	9
59.46553	1.053993	3.884104	1033	346	39	9
50.41972	1.059552	3.913704	1033	344	39	9
42.77745	1.061676	3.925822	1030	3	36	10
42.77745	1.064548	3.947149	1027	15	36	13
43.79131	1.065995	3.961291	1030	27	36	12
41.96211	1.067084	3.976161	1030	70	36	8
41.87544	1.067528	3.9904	1027	21	36	1
51.80255	1.067992	4.005537	1030	54	36	1
42.74514	1.068317	4.030368	1027	287	36	2
13.24519	1.068317	4.042717	1030	222	36	1
13.23693	1.068317	4.057523	1030	315	36	6
13.68665	1.068317	4.072272	1027	328	36	4
14.52383	1.068317	4.087742	1030	318	36	5
16.24537	1.068317	4.100191	1024	204	36	2
15.43813	1.068317	4.126758	1033	137	36	1
16.12656	1.068317	4.141302	1037	71	36	2
14.49728	1.068317	4.155159	1037	34	36	1
14.54812	1.068317	4.171935	1040	257	36	3
15.44555	1.068317	4.195019	1040	280	36	1
14.28187	1.068317	4.208585	1047	84	36	2
14.49716	1.068317	4.229325	1047	243	33	1
13.4678	1.068317	4.241434	1043	173	33	1
15.27967	1.068317	4.254563	1053	302	33	2

15.65819	1.068317	4.267597	1060	37	33	2
14.27195	1.068317	4.283114	1050	168	33	2
14.58686	1.068317	4.312162	1040	165	33	4
15.5076	1.068317	4.321477	1040	102	33	1
14.4755	1.068317	4.337275	1043	0	33	0
13.59627	1.068317	4.351441	1043	0	33	0
15.51795	1.068317	4.380386	1043	0	33	0
15.51798	1.068317	4.397298	1043	0	33	0
14.43472	1.068317	4.40963	1040	0	33	0
14.4659	1.068317	4.430254	1040	0	33	0
14.43468	1.068317	4.430254	1037	0	30	0
14.51898	1.068317	4.464523	1037	0	30	0
14.39631	1.068317	4.476627	1040	0	30	0
13.41419	1.068317	4.488719	1040	0	30	0
13.41419	1.068317	4.512168	1040	0	30	0
14.43475	1.068317	4.524551	1040	0	33	0
14.44184	1.068317	4.538749	1040	0	33	0
13.61887	1.068317	4.553974	1040	0	33	0
13.44554	1.068317	4.573019	1040	0	33	0
16.27776	1.068317	4.596349	1040	0	33	0
14.39632	1.068317	4.610856	1040	0	33	0
14.37713	1.068317	4.625984	1040	0	33	0
15.58012	1.068317	4.638477	1040	0	33	0
14.35313	1.068317	4.652626	1040	0	33	0
15.33559	1.068317	4.666099	1040	0	33	0
15.5387	1.068317	4.694637	1040	0	33	0
14.57237	1.068317	4.706984	1040	0	33	0
14.39635	1.068317	4.720459	1040	0	33	0
15.41986	1.068317	4.734584	1040	0	33	0
14.43477	1.068317	4.761675	1040	0	33	0
14.64065	1.068317	4.774024	1040	0	33	0
14.64065	1.068317	4.797579	1040	0	30	0
14.26717	1.068317	4.809929	1040	0	33	0
13.47239	1.068317	4.824723	1040	0	30	0
14.34361	1.068317	4.839442	1040	0	30	0
67.21219	1.078273	5.404398	1040	0	102	0
72.31167	1.080618	5.417789	1040	0	75	0
96.62074	1.087023	5.445315	1040	0	66	0
99.75424	1.09107	5.459817	1040	0	56	0
66.57706	1.094643	5.472227	1040	0	46	0
46.42944	1.100776	5.493499	1040	0	46	0
16.79464	1.1047	5.508069	1040	0	43	0
22.29277	1.107673	5.520509	1040	0	39	0
38.84301	1.110494	5.536396	1040	0	39	0
38.88197	1.112389	5.552985	1037	114	39	7
18.39328	1.115151	5.580323	1004	123	36	7
67.11662	1.117213	5.594435	1050	123	43	7

79.82299	1.119456	5.60785	1053	132	43	5
113.1034	1.123588	5.630551	1083	138	36	4
18.38523	1.123588	5.630551	1043	128	30	4
31.57216	1.126525	5.662876	1043	93	30	5
40.9272	1.126966	5.671413	1030	19	30	5
35.77038	1.129113	5.697662	1040	60	26	3
84.42879	1.131381	5.712101	1043	15	23	4
104.3985	1.133774	5.724449	1047	27	26	4
121.7107	1.137431	5.738991	1040	85	23	12
138.8984	1.142016	5.754485	1047	77	23	16
166.8879	1.147312	5.769319	1053	83	23	22
178.1873	1.158222	5.795575	1047	80	20	23
183.5475	1.165842	5.811651	1047	90	20	26
189.9685	1.173311	5.826133	1073	91	20	31
188.4987	1.180207	5.838566	1086	89	20	32
154.9524	1.188381	5.853081	1089	85	20	34
108.7939	1.198214	5.869579	1086	82	20	36
94.74973	1.215161	5.897584	1093	85	20	36
92.67918	1.222914	5.910019	1093	87	20	38
88.46275	1.222914	5.910019	1086	90	20	36
104.8518	1.245134	5.944602	1083	88	23	36
102.0707	1.255157	5.959539	1083	88	23	38
104.858	1.263712	5.971946	1079	85	23	40
110.7332	1.275202	5.988543	1076	83	26	39
108.4539	1.284864	6.002038	1073	87	26	45
108.2159	1.306198	6.031332	1066	89	23	44
108.2424	1.306198	6.031332	1063	87	23	44
123.9999	1.329981	6.062996	1073	87	23	48
119.1132	1.338385	6.073981	1063	88	26	47
52.08561	1.346414	6.084303	1056	89	26	47
16.53977	1.367972	6.112636	1053	91	26	45
0	1.377008	6.124683	1050	90	23	45
0	1.386533	6.13779	1056	88	23	46
0	1.399114	6.155344	1056	92	23	44
0	1.416721	6.180808	1053	93	26	45
0	1.425995	6.1946	1050	90	30	45
0	1.435076	6.208563	1043	92	33	43
0	1.448344	6.230955	1040	92	36	42
0	1.454801	6.242652	1043	90	39	43
0	1.462701	6.259274	1043	91	43	40
6.861547	1.468782	6.273792	1040	89	46	38
11.75145	1.473204	6.28615	1033	89	59	36
27.30409	1.477463	6.300302	1037	85	46	27
36.17194	1.484318	6.32824	1040	86	43	24
32.23276	1.487806	6.343703	1037	97	46	22
34.86947	1.490124	6.353718	1037	114	43	15
50.58745	1.497121	6.380037	1043	97	43	10

96.00062	1.500954	6.392818	1043	107	43	10
114.7637	1.505438	6.405293	1043	128	43	13
125.8649	1.51145	6.420346	1043	135	43	14
128.7242	1.524438	6.447718	1043	148	46	16
143.9002	1.53129	6.460475	1043	159	46	19
143.9002	1.53129	6.460475	1033	158	39	25
110.4056	1.551226	6.495064	1030	163	39	25
27.58991	1.558325	6.507141	1030	180	36	34
54.97042	1.565858	6.519491	1033	177	36	34
65.11323	1.576173	6.536393	1027	179	36	35
0	1.585124	6.551426	1020	179	36	36
31.63675	1.601363	6.578437	1020	180	36	37
59.25877	1.612142	6.596149	1017	183	36	36
75.54136	1.620033	6.608851	1017	179	36	36
85.86269	1.628142	6.622255	1014	180	33	36
22.06553	1.635385	6.634278	1010	181	33	36
45.94996	1.652532	6.662867	1010	180	36	36
52.52876	1.661645	6.678	1007	174	33	36
27.80474	1.669031	6.690121	1004	176	36	36
3.168598	1.678731	6.706601	1001	177	36	37
2.904418	1.686257	6.719374	1001	179	39	37
8.949608	1.701935	6.745908	997	180	39	39
10.04177	1.701935	6.745908	1001	182	43	38
13.30194	1.715325	6.768838	1001	184	43	38
0	1.725137	6.785389	997	182	43	36
2.966065	1.741849	6.813806	1004	181	43	36
0	1.75189	6.830962	997	181	39	35
0	1.760102	6.84488	997	181	36	36
0.960707	1.768068	6.858315	997	180	36	36
0	1.77784	6.874649	997	179	36	36
0	1.787845	6.890875	997	181	36	37
0	1.795549	6.903565	988	181	36	37
0	1.809997	6.927273	984	172	36	39
0	1.819088	6.942441	981	168	36	39
0	1.826771	6.955262	978	163	39	36
0	1.835002	6.969429	971	155	36	36
0	1.843672	6.984653	968	156	39	38
0	1.858747	7.011988	965	158	43	37
2.919868	1.86539	7.024408	965	182	39	31
3.901019	1.872488	7.038481	961	182	39	30
2.918904	1.881532	7.05771	965	179	39	29
8.768538	1.886756	7.070088	961	181	39	25
12.70872	1.89211	7.08452	958	181	39	24
21.55928	1.897474	7.100701	958	184	39	22
37.99821	1.904058	7.130532	955	184	39	22
37.01287	1.905634	7.144359	948	184	43	17
31.73133	1.906755	7.159883	948	187	43	16

52.50349	1.908362	7.173998	948	190	39	12
105.8747	1.911232	7.18918	945	186	39	12
133.8753	1.915181	7.204632	945	190	39	13
161.3437	1.918624	7.215919	948	195	36	15
162.8396	1.929388	7.243751	948	179	36	23
168.3873	1.935335	7.257147	958	182	36	24
184.8347	1.941677	7.270312	958	184	33	29
186.096	1.951977	7.289633	961	184	33	30
181.9651	1.96033	7.304511	961	185	33	32
171.9904	1.969008	7.318957	955	183	33	34
108.1276	1.97875	7.334773	951	180	36	35
71.29361	1.992049	7.356128	955	181	33	37
113.9249	2.000534	7.369943	958	177	33	38
117.9421	2.018146	7.397598	958	179	33	38
103.6753	2.028069	7.413398	955	178	33	40
97.67377	2.036685	7.427184	951	177	36	38
81.29376	2.046113	7.442019	945	179	36	36
71.35357	2.054931	7.456075	948	178	36	36
69.48499	2.064752	7.471861	938	178	36	40
47.06392	2.074458	7.487359	942	177	36	38
46.53743	2.088902	7.510785	945	179	33	38
33.85005	2.095743	7.521736	938	179	33	38
0	2.104511	7.535847	935	181	33	38
0	2.121588	7.56383	932	181	33	37
5.689289	2.130097	7.577516	928	180	30	36
45.14848	2.138921	7.59218	922	180	33	37
61.49474	2.146544	7.604515	919	181	33	37
51.57063	2.155261	7.618745	919	181	33	37
51.57063	2.170837	7.643933	922	180	33	37
77.80562	2.179182	7.65731	925	182	33	35
80.90946	2.186634	7.669041	925	182	36	34
78.26899	2.195596	7.68338	922	182	33	39
69.4735	2.206378	7.700323	925	182	33	39
72.23775	2.224124	7.728126	922	184	33	37
88.65202	2.231467	7.739468	919	183	33	37
89.10772	2.24108	7.754352	915	182	30	37
90.59839	2.250061	7.768521	912	181	30	39
92.66623	2.265666	7.79296	919	184	33	39
92.66623	2.276522	7.809879	922	185	33	37
74.64025	2.284301	7.822269	925	183	33	37
64.71783	2.300106	7.847755	922	185	33	38
67.39439	2.300106	7.847755	915	184	33	39
70.55865	2.3212	7.881363	909	186	33	38
72.00738	2.331251	7.897537	909	185	33	38
71.28353	2.340185	7.911269	909	183	33	38
71.28353	2.351341	7.9284	906	180	36	39
65.0065	2.357258	7.937315	906	181	33	40

67.48279	2.368014	7.953846	902	181	33	40
69.11469	2.377547	7.968668	902	181	36	39
68.72319	2.389887	7.987566	902	181	33	43
65.28326	2.39874	8.000943	902	180	33	41
64.72395	2.41659	8.028276	906	180	36	39
67.7988	2.42794	8.046174	902	179	36	39
70.81281	2.435977	8.058559	902	183	36	36
71.76258	2.446244	8.073983	906	180	33	38
71.49561	2.453933	8.085999	906	180	36	37
73.68	2.4636	8.101003	909	180	36	39
73.51051	2.48248	8.130476	906	180	33	39
74.92405	2.490918	8.143651	902	179	36	38
72.81266	2.501957	8.160597	899	180	36	39
67.70446	2.50988	8.17302	899	179	36	39
66.87971	2.518865	8.187156	899	180	36	39
68.96555	2.528965	8.202682	899	180	36	40
70.20519	2.542192	8.223502	906	180	36	40
70.95828	2.557963	8.248065	909	180	36	40
69.09751	2.566461	8.261098	912	180	36	40
75.25949	2.577866	8.278836	919	179	39	40
76.29398	2.587593	8.294065	915	178	36	36
71.98122	2.596193	8.307525	915	179	36	37
65.90458	2.606129	8.323071	915	179	36	37
65.90458	2.617796	8.3411	919	181	36	36
53.17201	2.627882	8.357022	915	181	36	36
0	2.637268	8.372141	919	182	33	37
5.971013	2.651936	8.39654	915	178	33	38
8.688445	2.659666	8.409612	912	178	33	37
14.83235	2.667866	8.423664	912	178	33	31
20.49792	2.675764	8.437586	915	180	33	34
0	2.684029	8.452513	912	180	33	34
7.902293	2.692187	8.46821	922	182	33	31
10.96142	2.704639	8.49649	922	181	33	26
14.10766	2.704639	8.49649	925	180	36	25
24.95145	2.715997	8.529622	935	176	33	24
35.78339	2.719997	8.542778	932	183	33	22
46.93426	2.723553	8.557663	938	180	33	18
45.92202	2.726681	8.575561	938	181	33	16
46.06239	2.728233	8.587216	935	180	36	15
48.09859	2.730602	8.61265	932	182	33	7
43.13059	2.733236	8.629575	925	182	33	9
95.2698	2.736339	8.644436	922	172	33	15
120.3106	2.739666	8.65786	925	177	33	13
144.305	2.743327	8.670193	922	189	33	14
154.7676	2.752995	8.6965	932	183	33	19
154.6378	2.758315	8.709645	925	174	33	22
167.0245	2.76311	8.721037	925	177	33	21

181.7529	2.769727	8.735837	925	173	33	24
179.719	2.782066	8.761736	928	168	36	27
171.4359	2.78946	8.776162	932	162	36	28
171.4359	2.800965	8.797463	932	163	36	31
169.8956	2.808879	8.81165	935	174	36	35
174.0389	2.816317	8.824695	942	181	36	35
183.7983	2.823582	8.836773	945	183	36	38
186.1216	2.833684	8.852981	938	181	36	40
185.9579	2.849294	8.877168	945	183	33	41
158.8645	2.857307	8.889807	951	179	33	40
120.3302	2.868086	8.906381	951	180	33	40
117.197	2.877704	8.921548	951	179	33	38
117.0101	2.886428	8.934948	945	181	33	37
120.2286	2.89591	8.949768	951	180	33	37
105.095	2.90754	8.968094	948	179	33	38
100.8951	2.925571	8.997076	948	179	33	38
99.54295	2.934402	9.011542	945	181	33	37
91.91109	2.944124	9.027279	945	182	33	36
90.08899	2.954087	9.043785	945	182	33	37
97.34837	2.962082	9.056806	948	183	36	36
98.94511	2.970039	9.069913	945	181	36	36
98.51921	2.982816	9.09061	942	181	36	34
101.2412	2.990932	9.104016	942	178	36	37
101.9557	3.00738	9.130865	938	179	36	38
104.8962	3.017491	9.147377	935	181	36	38
103.6918	3.026401	9.162167	935	179	36	36
100.9339	3.036098	9.177982	935	182	36	37
115.9553	3.044314	9.191446	928	183	36	36
116.0615	3.054888	9.208621	945	182	39	40
122.854	3.063064	9.222114	945	176	39	37
111.1804	3.071266	9.235611	948	178	39	38
99.16465	3.088081	9.264577	951	182	36	37
88.10606	3.096632	9.279838	958	184	36	33
92.05199	3.105117	9.295427	958	180	36	33
0	3.112367	9.309577	958	182	36	31
4.110661	3.120337	9.326576	965	184	36	28
13.13984	3.125513	9.33924	965	180	36	27
25.39764	3.130214	9.352393	971	178	36	26
39.57649	3.134264	9.36631	971	178	36	21
45.3393	3.138484	9.387794	965	174	36	13
46.07053	3.140561	9.402306	968	175	36	10
46.78427	3.142741	9.426941	974	177	33	8
48.30021	3.14353	9.442091	974	178	33	4
50.61797	3.144001	9.45348	978	179	33	5
49.23938	3.144455	9.468285	984	179	33	2
51.07822	3.144913	9.482894	991	179	33	2
52.1669	3.14579	9.511188	994	179	33	1

44.04354	3.146174	9.523404	994	179	33	1
48.42062	3.146656	9.538935	991	179	33	2
47.56197	3.147181	9.555963	991	179	33	2
46.27829	3.147949	9.580559	991	165	33	3
48.87973	3.147949	9.594664	991	179	33	3
33.4874	3.148732	9.613774	997	203	33	6
67.51719	3.149598	9.625824	1001	190	33	5
41.9864	3.150969	9.640303	1001	176	33	6
35.0246	3.152139	9.654453	1004	194	33	5
35.17537	3.154396	9.67644	1001	182	30	9
107.8622	3.156091	9.687908	1004	179	33	9
119.53	3.160631	9.711786	1007	178	33	12
48.30574	3.163271	9.728748	1010	174	33	12
53.43175	3.164512	9.742141	1010	158	33	8
47.08902	3.165185	9.754921	1010	135	33	4
50.57239	3.165593	9.768037	1007	137	33	5
53.44556	3.165593	9.795613	1004	296	33	3
53.97473	3.165593	9.813172	1007	341	33	4
55.19477	3.165593	9.82689	1004	172	33	1
54.71953	3.165593	9.844696	1004	172	36	1
301.1028	3.355023	10.41196	968	87	98	40
211.9237	3.373015	10.43074	988	83	69	47
157.3873	3.389555	10.44796	1001	76	52	59
38.16454	3.399908	10.45887	974	76	52	58
35.58508	3.409519	10.46881	1007	77	59	58
35.08596	3.422717	10.48227	984	77	62	57
32.273	3.44399	10.50468	997	80	59	55
28.19662	3.458068	10.51955	978	77	56	56
36.54924	3.483509	10.54645	968	76	52	56
39.15445	3.499022	10.56298	974	76	59	56
43.81985	3.512995	10.57784	978	79	49	58
82.00541	3.523386	10.58882	961	78	46	58
89.29978	3.535411	10.60163	961	79	52	58
91.12555	3.55213	10.61915	942	78	59	60
89.66536	3.567875	10.63571	951	75	66	58
89.87085	3.594553	10.66368	955	77	56	57
93.69766	3.609937	10.67989	942	78	43	55
115.8179	3.621773	10.69229	948	78	46	55
128.8605	3.635938	10.70717	958	78	49	55
157.8854	3.649846	10.72165	951	78	56	58
174.33	3.666915	10.73933	951	78	69	59
181.1436	3.678998	10.75183	951	80	75	58
180.6412	3.706486	10.7806	948	81	79	56
200.9197	3.706486	10.7806	951	81	66	59
213.6003	3.729049	10.80397	955	82	66	58
220.3421	3.743637	10.81878	958	81	62	57
222.2096	3.769392	10.84528	961	82	62	58

217.435	3.784404	10.86071	961	82	69	57
214.0491	3.800346	10.87706	961	83	56	56
214.7094	3.815959	10.89326	971	80	52	58
213.2437	3.830713	10.90822	974	80	49	59
208.254	3.845564	10.92368	984	83	46	59
206.1328	3.857708	10.93607	988	82	46	58
192.3952	3.884281	10.96302	991	82	39	59
172.3286	3.901033	10.9802	991	82	39	60
159.9049	3.913772	10.99328	991	87	39	56
148.9155	3.92601	11.00568	994	84	36	58
146.3786	3.935545	11.01535	1001	83	39	59
147.9679	3.953068	11.03328	997	85	43	57
145.5916	3.982323	11.063	1004	85	43	58
137.2205	3.996388	11.07718	1007	85	39	60
129.9275	4.016043	11.09678	1010	84	39	59
89.74695	4.028434	11.10919	1004	84	39	58
89.29794	4.040536	11.12167	1001	84	43	58
80.21613	4.056607	11.13798	1001	86	39	55
81.11967	4.072266	11.15392	997	86	36	57
91.46545	4.085351	11.16715	997	86	36	58
103.7578	4.11461	11.19653	1010	83	36	59
89.81236	4.130708	11.21274	1010	84	33	60
68.28378	4.14504	11.22717	1017	82	39	58
58.01905	4.158784	11.24097	1020	84	43	60
59.88536	4.170982	11.2534	1024	84	46	59
62.37103	4.186438	11.26894	1024	87	52	59
51.6516	4.199047	11.28136	1033	87	62	59
29.57156	4.231119	11.31374	1030	87	62	57
25.21879	4.246494	11.32946	1030	88	52	59
30.06306	4.255724	11.33873	1027	86	46	58
31.37659	4.277043	11.36041	1024	85	46	58
30.11248	4.277043	11.36041	1024	88	46	59
0	4.31118	11.39585	1017	87	46	59
0	4.324767	11.41008	1017	87	46	59
15.26993	4.33968	11.42591	1024	88	43	58
21.21456	4.354751	11.44175	1020	87	39	57
24.74748	4.365074	11.45276	1017	87	36	57
26.92114	4.390997	11.48037	1033	87	39	57
25.93375	4.407429	11.49763	1033	88	36	54
26.91156	4.419815	11.51107	1030	90	36	54
12.73447	4.432684	11.52489	1027	90	36	58
28.08675	4.446758	11.54014	1027	90	36	58
42.26525	4.463423	11.55808	1024	89	36	55
49.04647	4.474857	11.57055	1020	88	36	55
52.81208	4.499635	11.59778	1020	88	39	55
71.81797	4.512445	11.61193	1017	89	43	55
84.87321	4.523782	11.62432	1017	88	43	54

70.03368	4.537742	11.63963	1014	91	46	55
66.03303	4.548574	11.6514	1014	89	46	59
66.03303	4.570877	11.67627	1010	89	46	55
66.76924	4.583698	11.69046	1014	87	46	55
56.59271	4.595586	11.70359	1010	87	56	57
56.76226	4.605613	11.71495	1007	85	43	56
54.59685	4.634106	11.7471	1010	85	43	55
44.15078	4.646059	11.76086	1010	84	46	55
65.70764	4.657948	11.7743	1004	84	49	54
79.89651	4.672563	11.79112	1004	89	49	56
85.5855	4.684343	11.80427	997	89	49	54
97.92554	4.707026	11.82983	997	88	46	54
82.54478	4.72198	11.84643	1004	88	46	53
82.729	4.733038	11.85882	1004	90	56	53
86.91492	4.74498	11.87199	1007	92	52	54
89.35724	4.757152	11.88544	1007	91	62	54
89.95475	4.77474	11.90479	1007	90	52	53
87.19723	4.786962	11.91822	1004	90	52	53
92.04756	4.81254	11.94614	1001	90	46	56
89.30505	4.81254	11.94614	1007	88	46	59
61.6012	4.844016	11.98025	1004	88	43	57
49.76296	4.856806	11.994	1010	88	43	56
18.72612	4.868239	12.0064	1010	88	43	56
4.581253	4.882636	12.02219	1004	90	39	55
0	4.895981	12.037	1004	90	39	55
0	4.918357	12.06241	1007	91	39	50
0	4.930386	12.07625	1001	95	39	54
0	4.941926	12.08969	1004	94	43	55
0	4.952131	12.10173	1010	92	39	51
0	4.965099	12.11706	1010	90	39	50
0	4.989758	12.14713	1014	92	39	50
0	4.998468	12.15771	1010	91	39	50
0	5.009353	12.17151	1010	91	39	49
0	5.020874	12.18596	1007	91	39	48
0	5.040883	12.21292	1004	89	39	45
0	5.050929	12.22706	1001	91	39	42
0	5.050929	12.22706	1007	87	36	41
0	5.072558	12.26128	1004	88	36	37
1.004573	5.079696	12.27405	1004	88	39	37
3.942494	5.086568	12.28714	1001	85	39	35
6.915947	5.096648	12.30908	997	83	39	31
15.72305	5.102396	12.32431	978	86	36	25
23.09602	5.107744	12.34024	978	87	36	21
39.55056	5.112062	12.35513	978	86	36	24
41.07455	5.116133	12.37147	974	80	36	24
38.25103	5.119394	12.38743	961	79	39	21
43.83763	5.121954	12.40269	951	83	39	16

44.46393	5.123948	12.42038	948	93	39	11
31.72128	5.125322	12.43701	951	96	39	10
38.96051	5.126907	12.45869	948	67	39	9
46.62246	5.127676	12.47353	958	71	39	10
48.04784	5.128083	12.48661	961	81	39	3
49.03262	5.128886	12.51259	961	0	39	0
49.69871	5.128886	12.51259	955	305	39	2
50.84618	5.128886	12.54713	951	89	36	0
51.77425	5.128886	12.56091	948	329	36	1
46.54745	5.128886	12.57581	945	23	36	1
46.54745	5.128886	12.59198	942	33	36	1
45.8828	5.128886	12.60823	945	0	36	0
44.01456	5.12939	12.62442	942	0	36	0
39.79002	5.12984	12.63545	942	0	36	0
44.07801	5.131919	12.6554	942	0	36	0
91.24396	5.133928	12.66753	945	0	36	0
111.0363	5.140272	12.69339	945	0	36	0
132.5053	5.140272	12.69339	945	0	36	0
146.4608	5.15392	12.72932	945	95	36	22
148.3046	5.160035	12.7431	942	94	36	22
162.291	5.166481	12.75655	938	94	33	24
161.6313	5.176824	12.7755	922	90	36	35
158.2673	5.184545	12.78935	909	87	36	34
127.4869	5.192769	12.80304	899	90	36	34
91.24225	5.200166	12.8147	906	91	36	34
91.24225	5.21874	12.84338	906	91	39	34
109.2457	5.228033	12.85724	909	90	39	40
104.3133	5.243436	12.87909	909	90	39	39
107.215	5.243436	12.87909	909	91	39	42
99.41404	5.268256	12.91319	906	89	39	43
130.0231	5.27526	12.92242	902	90	39	41
153.9788	5.282542	12.93164	902	89	39	45
150.4833	5.298577	12.9521	902	90	39	45
128.2673	5.320664	12.97931	909	89	46	46
121.7195	5.332047	12.99316	909	91	49	47
121.7195	5.332047	12.99316	902	96	59	47
120.2681	5.36321	13.03036	902	94	69	44
127.3845	5.373325	13.04209	906	94	69	44
134.1265	5.38566	13.05622	902	96	62	46
161.0521	5.398242	13.07035	899	97	62	44
194.9814	5.422196	13.09726	896	97	59	46
230.9163	5.435252	13.11178	899	97	59	50
238.2245	5.435252	13.11178	899	96	52	50
238.071	5.464632	13.14379	899	100	43	54
231.4074	5.475896	13.15609	896	101	43	56
193.1017	5.487	13.16822	896	101	46	56
79.46864	5.503464	13.18609	899	101	46	57

40.39442	5.516608	13.20063	906	105	46	55
40.02729	5.541502	13.22927	906	105	52	55
32.90635	5.557344	13.24762	906	106	49	57
39.39539	5.568671	13.26105	906	105	56	56
55.11104	5.58174	13.27659	902	104	56	57
90.02116	5.59364	13.29074	899	107	49	52
95.74451	5.606724	13.30625	896	105	49	52
98.55989	5.618081	13.31973	896	103	46	53
118.0867	5.640901	13.34649	899	104	46	51
113.7334	5.654277	13.36206	899	105	43	52
122.3937	5.664763	13.37408	896	105	43	53
114.4634	5.676066	13.38678	892	106	39	53
99.08297	5.687244	13.39947	892	105	39	54
64.25067	5.706584	13.42119	896	107	36	54
72.66613	5.718681	13.43466	892	104	33	55
81.51171	5.733274	13.45117	892	101	33	51
83.00581	5.746855	13.46609	889	104	33	54
95.75592	5.773519	13.49549	902	107	33	55
111.1306	5.785629	13.50851	899	106	33	58
99.52228	5.798879	13.52265	899	105	33	55
55.90912	5.813088	13.5376	899	105	33	55
45.22305	5.824461	13.54967	899	107	33	55
28.98378	5.850213	13.57703	902	106	33	55
15.35932	5.867221	13.59505	902	107	33	58
1.154992	5.878901	13.60777	899	105	33	56
3.488387	5.892325	13.62195	896	105	33	56
6.900352	5.905905	13.63645	899	106	33	55
12.81645	5.921217	13.65312	902	107	33	55
16.37134	5.9467	13.68025	906	103	36	59
46.7654	5.95743	13.69199	912	103	33	56
46.7654	5.97645	13.71225	919	104	33	55
58.3997	5.986801	13.72331	922	102	33	57
60.2651	6.008469	13.74678	922	103	33	56
62.698	6.022584	13.76169	925	103	33	56
0	6.035166	13.77552	925	101	33	54
0	6.054379	13.7972	919	95	33	53
0	6.054379	13.7972	919	94	36	53
0	6.082991	13.83025	912	94	36	54
0	6.095031	13.84444	909	94	43	53
0	6.107646	13.85986	909	94	46	54
0	6.122239	13.87789	922	94	56	53
0	6.132848	13.89125	928	94	46	46
0	6.143919	13.90567	925	97	43	45
12.0178	6.15484	13.91949	912	94	39	48
63.42014	6.176622	13.94757	909	93	39	46
108.2204	6.188197	13.96206	902	93	43	47
112.1178	6.198807	13.97524	899	96	39	49

112.1178	6.215364	13.99554	906	96	39	49
42.93895	6.225805	14.00862	906	95	43	49
40.83475	6.236403	14.0215	906	94	43	49
57.38328	6.248345	14.03639	906	93	46	50
62.26474	6.269834	14.06292	906	93	43	47
63.65985	6.278391	14.07359	909	88	43	50
36.35172	6.297791	14.09799	906	88	43	48
0	6.308798	14.1122	906	90	43	50
25.11947	6.318261	14.12421	902	87	46	52
0	6.329553	14.139	899	85	49	50
35.65011	6.343879	14.15806	899	85	46	48
23.09453	6.360551	14.18009	902	85	46	47
0	6.370526	14.19385	902	83	49	49
0	6.383763	14.21215	899	83	43	44
0	6.393102	14.22564	899	82	43	42
0	6.408117	14.24771	899	83	43	41
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0	6.423732	14.27119	899	81	43	41
0	6.440458	14.29745	902	78	43	41
0	6.449121	14.31194	902	78	43	39
0	6.458708	14.3293	902	79	43	37
1.970003	6.466509	14.34385	896	82	43	34
5.878208	6.473102	14.35767	896	86	39	29
9.770731	6.47903	14.37149	892	90	39	26
18.01247	6.484546	14.38627	892	84	36	23
24.42771	6.492505	14.41067	886	82	39	22
39.07642	6.495499	14.42237	896	78	36	19
41.1676	6.498815	14.4392	896	75	39	19
43.9343	6.500633	14.45163	896	72	39	18
44.70935	6.503325	14.4802	896	66	43	15
42.36266	6.504122	14.49117	896	67	43	13
43.49471	6.504867	14.50325	899	62	46	9
45.35601	6.505899	14.53128	899	61	46	8
46.83683	6.505899	14.53128	899	68	56	7
48.66928	6.506644	14.55548	899	84	52	13
50.44386	6.506644	14.57648	896	90	52	15
52.39165	6.506644	14.58826	896	100	56	15
50.34315	6.506644	14.60556	896	85	62	13
51.05004	6.506644	14.62102	899	58	52	5
51.46981	6.506644	14.63597	896	51	56	4
52.44405	6.506644	14.65017	886	308	52	2
52.39164	6.506644	14.6657	886	344	56	3
52.37426	6.507135	14.69791	886	350	52	2
49.18933	6.50754	14.71096	879	106	46	4
45.93798	6.508298	14.72929	879	0	46	0
46.33691	6.509095	14.7448	883	0	46	0
44.55243	6.510027	14.7597	883	0	49	0

43.79469	6.510967	14.77483	883	0	46	0
42.77615	6.512282	14.79296	886	0	46	0
42.13106	6.513173	14.80525	886	0	43	0
43.90311	6.514574	14.82588	886	0	43	0
43.90311	6.514574	14.82588	886	0	43	0
12.35178	6.527039	15.40555	889	0	128	0
24.96041	6.528973	15.4211	889	0	108	0
21.67149	6.530803	15.43589	886	0	79	0
22.80891	6.533997	15.46384	886	0	66	0
21.95506	6.535509	15.47734	886	0	56	0
19.82654	6.536934	15.48963	883	66	52	9
19.73346	6.538101	15.50096	869	95	43	5
16.79126	6.539934	15.51864	853	94	39	6
17.83971	6.541443	15.53321	846	105	39	3
28.30969	6.543864	15.56224	846	69	43	7
34.66021	6.544858	15.57839	863	97	39	8
38.62144	6.545777	15.59294	860	95	39	7
44.26616	6.546591	15.60611	840	72	39	6
42.17544	6.54739	15.61886	853	73	43	6
42.88245	6.549373	15.64649	863	115	39	2
43.41339	6.550372	15.66018	873	102	43	3
41.75892	6.551327	15.67327	869	89	46	3
41.75892	6.552964	15.69605	873	89	43	5
40.52742	6.554145	15.71025	876	96	46	5
37.51205	6.555215	15.72305	866	84	46	3
35.10427	6.556423	15.73619	860	104	43	4
34.51653	6.558766	15.76102	846	85	39	5
30.34926	6.559986	15.77304	850	87	39	5
22.66739	6.561349	15.78607	850	102	36	8
17.19218	6.563149	15.80341	850	94	39	8
41.91327	6.565096	15.81788	846	86	39	7
42.43084	6.569787	15.8463	850	87	39	7
81.48212	6.572416	15.85904	856	77	39	11
79.91674	6.575205	15.87147	869	78	39	12
27.93778	6.579226	15.88743	866	83	39	13
89.90923	6.582991	15.90165	873	88	43	14
75.7115	6.588645	15.92025	873	104	36	12
88.31643	6.597293	15.94674	873	105	36	12
93.202	6.601882	15.95911	863	113	36	12
96.9845	6.601882	15.95911	860	108	39	15
106.2162	6.61724	15.99551	860	98	39	20
104.4652	6.624905	16.01209	860	80	33	27
67.36938	6.631225	16.0252	860	79	36	25
10.10337	6.638916	16.04133	866	79	36	26
2.188953	6.649074	16.0641	869	85	36	23
11.03809	6.654759	16.07792	873	81	36	27
12.65724	6.659639	16.09028	863	80	39	28

9.505641	6.664232	16.1019	863	78	36	26
27.54845	6.675431	16.13034	869	78	30	26
44.93647	6.681521	16.14601	876	78	36	26
16.30171	6.68578	16.15702	879	78	49	27
14.87434	6.690591	16.16981	876	76	59	27
20.42681	6.699408	16.19692	876	72	59	26
42.02725	6.702897	16.20936	879	70	62	23
41.39113	6.706126	16.22371	873	69	69	23
42.49564	6.708405	16.23577	873	72	56	14
27.47975	6.711232	16.25685	869	78	52	15
76.64639	6.714984	16.27918	876	80	49	15
84.63062	6.718365	16.29404	879	86	43	22
87.73387	6.723434	16.31199	883	104	33	17
110.0998	6.728742	16.32794	883	132	33	15
138.1391	6.733083	16.34	876	156	30	18
152.3207	6.738377	16.35313	879	159	33	24
177.331	6.746734	16.3715	879	166	36	26
177.3924	6.760043	16.3979	876	154	43	27
163.273	6.768785	16.41387	879	154	43	29
151.1784	6.778242	16.43107	879	157	43	32
0	6.784857	16.44311	876	160	46	29
1.924286	6.793142	16.45872	876	159	46	27
17.21021	6.80084	16.47286	883	163	46	27
39.80995	6.81039	16.49085	889	166	43	28
63.06786	6.817297	16.50394	889	159	43	30
67.56306	6.831708	16.5305	889	161	39	30
81.29566	6.831708	16.5305	896	164	39	30
85.52887	6.84953	16.5636	899	166	43	28
89.00034	6.857654	16.57849	899	166	43	29
90.52003	6.863833	16.58984	896	170	43	31
86.16441	6.871154	16.60361	889	172	43	32
78.60188	6.88318	16.62606	892	173	46	36
78.64684	6.889457	16.6381	896	177	46	35
81.14672	6.897692	16.65399	902	174	46	36
84.26347	6.911544	16.68102	906	182	46	35
95.68335	6.918524	16.69478	906	185	39	32
106.99	6.926906	16.71132	902	188	39	31
176.8573	6.933136	16.72343	899	190	36	31
192.7307	6.939374	16.73549	906	191	36	31
202.545	6.954022	16.76344	906	190	33	35
202.3811	6.960703	16.77588	902	196	33	35
196.0333	6.967988	16.78931	902	198	33	34
192.2776	6.975277	16.80285	906	199	33	33
175.4139	6.986835	16.82336	902	200	33	33
121.9149	6.993771	16.83577	899	199	36	32
116.5146	7.009024	16.86302	899	199	36	33
114.6951	7.016741	16.87676	906	199	39	33

183.1838	7.024302	16.8895	912	198	39	33
218.865	7.032664	16.90365	912	199	39	34
234.5308	7.049344	16.93086	922	203	39	32
219.1045	7.056513	16.94223	928	204	39	36
98.04312	7.065329	16.95633	935	205	39	37
78.12749	7.073456	16.96916	938	205	39	37
94.40701	7.090632	16.99615	938	205	39	36
98.67535	7.098717	17.00918	932	200	36	38
60.77583	7.107451	17.02302	925	199	36	37
58.74069	7.118573	17.04061	928	198	39	38
61.33884	7.125673	17.05188	928	200	39	38
53.04617	7.143861	17.08064	935	201	39	37
34.36647	7.143861	17.08064	942	198	39	36
47.70561	7.164932	17.11403	958	188	36	38
44.45288	7.172784	17.12646	958	187	36	37
49.21408	7.180678	17.13889	958	188	36	37
63.90616	7.189063	17.1522	961	186	36	38
68.15165	7.20585	17.17853	965	182	36	38
50.63324	7.213477	17.19055	974	183	39	38
72.15376	7.223637	17.20643	978	182	36	38
80.95535	7.239238	17.23075	971	183	36	37
54.35281	7.246448	17.24176	974	182	36	37
54.35281	7.259017	17.26132	974	179	36	37
17.34095	7.268013	17.27548	974	179	36	39
3.058547	7.274992	17.28627	971	179	36	39
13.4275	7.283363	17.29938	974	178	36	40
21.75817	7.302899	17.32945	974	177	36	41
15.5315	7.31097	17.34191	961	179	39	36
15.43752	7.316703	17.3505	955	181	46	37
33.24214	7.331688	17.3733	955	183	46	37
14.35045	7.341735	17.38784	951	179	46	42
11.73445	7.359521	17.41344	955	178	46	42
9.434952	7.371792	17.43115	951	180	46	39
4.243955	7.381186	17.44466	945	183	46	38
18.67743	7.39052	17.45811	942	180	39	42
31.90899	7.398927	17.47048	938	181	39	42
47.04076	7.417933	17.49784	938	180	39	42
54.94163	7.428936	17.51343	938	181	39	42
64.27637	7.438823	17.52763	932	178	36	39
81.13906	7.451564	17.54587	955	178	36	40
86.41291	7.460692	17.559	948	179	36	42
86.12852	7.470114	17.57276	945	178	39	41
93.22655	7.480382	17.58765	948	176	39	42
90.83276	7.490545	17.60249	948	177	43	42
87.52329	7.509672	17.6309	951	182	43	44
72.99619	7.520239	17.64637	945	183	39	41
80.96245	7.520239	17.64637	942	182	39	40

88.98515	7.535786	17.66952	938	182	39	40
92.39143	7.546569	17.68543	935	179	39	40
93.07451	7.556297	17.69992	935	179	39	40
93.7793	7.56649	17.71508	932	181	39	40
94.08228	7.585955	17.7445	932	179	43	42
93.0415	7.59167	17.75311	925	180	46	41
94.46693	7.610246	17.78126	928	182	46	40
88.16461	7.618023	17.79301	928	179	39	45
86.57861	7.625535	17.80432	935	180	39	44
83.33729	7.635033	17.8185	932	178	39	43
81.39821	7.652919	17.84635	932	179	43	42
27.45391	7.662179	17.86122	938	181	43	40
45.81352	7.67081	17.87493	942	184	43	39
45.81352	7.68138	17.8922	935	182	46	36
57.7577	7.68966	17.90602	938	178	43	35
54.866	7.704088	17.93042	935	175	43	33
54.55356	7.704088	17.93042	935	176	43	34
50.03862	7.722237	17.96236	932	175	43	36
45.94859	7.729607	17.97541	932	171	43	35
53.9396	7.737715	17.99027	932	171	43	37
74.51062	7.745275	18.00403	932	176	43	36
82.28551	7.758416	18.02848	932	177	43	34
100.882	7.764944	18.04058	932	177	43	32
69.70686	7.774625	18.05857	932	177	43	32
22.87242	7.781026	18.07065	928	179	43	34
0	7.793798	18.0979	932	182	43	32
6.113805	7.800586	18.11423	928	182	43	30
12.98914	7.806795	18.13005	932	182	43	33
13.67991	7.812438	18.14521	935	180	43	28
13.85952	7.815967	18.1545	938	176	43	24
15.05732	7.822158	18.17177	945	168	39	22
21.87629	7.831329	18.19764	945	174	39	22
34.96396	7.836151	18.21147	945	177	39	21
48.57033	7.842113	18.22734	948	179	39	22
102.5294	7.846751	18.23945	948	179	39	22
108.5738	7.851831	18.25216	948	180	36	24
108.4469	7.858648	18.26768	951	181	36	25
108.2698	7.871335	18.2954	955	178	36	29
103.3996	7.876824	18.3065	955	180	36	28
80.30133	7.882873	18.31858	948	180	36	29
21.93912	7.896562	18.34656	951	182	36	29
61.80925	7.903692	18.36114	955	180	36	29
3.056582	7.90982	18.37394	958	181	36	29
5.949727	7.917045	18.38916	958	180	39	30
4.956461	7.927614	18.41161	955	179	39	29
7.877257	7.933285	18.42375	961	176	43	30
4.886214	7.940735	18.43957	958	173	43	30

4.910773	7.946857	18.45272	961	175	43	31
4.866749	7.958311	18.47708	961	178	39	29
4.866749	7.96753	18.49647	965	179	43	29
7.674032	7.972715	18.50748	965	180	46	29
7.884367	7.983831	18.53093	965	179	46	28
9.760731	7.989789	18.54429	968	187	43	25
12.65502	7.995794	18.55845	968	184	39	24
14.74459	8.000818	18.57059	978	183	39	24
13.6286	8.005952	18.58299	978	182	39	25
14.68014	8.013927	18.60271	971	184	39	23
15.78016	8.023874	18.62864	968	184	43	22
23.27203	8.027961	18.6403	968	182	43	22
37.26666	8.032653	18.65512	968	179	43	21
41.28458	8.037219	18.67069	965	164	36	16
43.25312	8.040895	18.6855	961	170	36	17
38.52345	8.043669	18.69958	961	170	36	13
43.62452	8.045934	18.71649	971	175	36	7
45.15794	8.047901	18.74527	971	178	36	6
50.04061	8.048306	18.75812	971	166	33	4
50.04061	8.048306	18.77787	971	170	33	1
52.08492	8.048306	18.78927	971	170	33	2
51.6777	8.048306	18.80369	971	170	33	2
52.39814	8.048306	18.81751	965	170	33	1
51.51288	8.048306	18.83692	961	170	33	1
51.22695	8.048306	18.8514	965	82	33	2
51.59883	8.048306	18.88113	958	170	33	2
51.56438	8.048306	18.89774	958	170	33	1
51.52995	8.048306	18.913	955	170	33	1
51.51285	8.048306	18.9255	951	316	33	2
50.93773	8.048306	18.9376	942	170	33	1
51.75351	8.048306	18.95698	938	43	33	2
52.14447	8.048306	18.97154	935	170	33	1
50.43803	8.048306	18.98804	932	232	30	2
52.19659	8.048306	19.00215	932	170	33	1
51.49562	8.048306	19.02125	928	170	33	1
51.73684	8.048306	19.03818	928	170	33	1
50.95419	8.048306	19.05343	928	254	30	2
50.97143	8.048306	19.06692	928	182	30	2
51.1416	8.048306	19.08933	922	144	30	1
50.95454	8.048306	19.10344	925	0	30	0
51.20976	8.048306	19.13035	925	0	30	0
50.58963	8.048306	19.13035	925	0	30	0
50.83601	8.048726	19.16319	925	0	30	0
50.12459	8.049455	19.17726	925	0	30	0
74.03077	8.050823	19.18928	925	0	30	0
119.1167	8.054007	19.20558	922	176	30	8
169.0721	8.057344	19.21832	925	185	33	12

92.91178	8.066002	19.24661	925	186	33	16
80.23817	8.071111	19.26186	928	180	33	19
117.6734	8.075727	19.27456	928	182	33	19
10.34127	8.08014	19.28675	935	176	33	21
0	8.084688	19.2995	938	177	33	22
4.003116	8.094228	19.32812	932	180	33	20
11.5441	8.09753	19.33876	938	173	33	18
12.88567	8.101711	19.35328	935	156	36	17
13.80767	8.106612	19.37078	935	137	33	19
13.86656	8.113895	19.39571	935	133	36	15
42.871	8.119193	19.41124	932	132	36	15
94.5201	8.124182	19.42468	928	133	36	15
103.7184	8.128167	19.43466	935	124	39	11
110.5184	8.141666	19.46407	935	98	39	8
100.259	8.141666	19.46407	938	103	36	3
72.28048	8.150882	19.48233	935	82	39	4
50.58385	8.167547	19.51319	938	92	39	6
74.91592	8.175305	19.52735	942	102	39	12
26.46889	8.184037	19.54221	942	93	43	19
28.55438	8.196886	19.5639	935	100	43	24
0	8.205171	19.57778	938	98	43	34
0	8.214623	19.59356	938	97	43	35
0	8.222836	19.60693	928	95	43	37
0	8.231017	19.62036	915	93	43	43
0	8.238691	19.6328	919	95	46	42
0	8.252164	19.65616	909	94	46	42
0	8.258821	19.66827	906	91	46	40
1.961971	8.272554	19.69553	902	90	43	38
3.91741	8.27921	19.71101	906	89	46	38
10.84529	8.285191	19.72544	909	89	46	36
13.77526	8.290102	19.73779	909	92	46	35
18.72647	8.294894	19.75093	902	93	46	33
31.70569	8.30052	19.76735	899	96	49	31
37.62624	8.309709	19.79748	899	98	52	27
38.41853	8.313416	19.81121	896	98	62	29
41.0167	8.317425	19.82813	906	98	62	25
27.471	8.320791	19.8422	902	115	49	15
34.86887	8.3247	19.85868	912	101	46	14
0	8.46365	20.50292	879	97	112	16
0	8.469025	20.5168	850	94	82	19
14.61257	8.476473	20.54068	850	96	62	18
37.70818	8.48028	20.55375	843	93	56	24
35.82643	8.48632	20.57656	840	91	49	23
15.12506	8.490703	20.59356	833	93	43	23
66.58171	8.494165	20.60632	833	96	33	23
91.72745	8.497964	20.61971	837	97	36	23
109.9014	8.507361	20.6477	833	96	39	23

136.803	8.511802	20.66007	830	96	49	23
35.22382	8.516665	20.67352	833	119	43	19
0	8.520904	20.68556	846	121	39	18
26.70679	8.526243	20.70138	843	113	39	15
36.39293	8.533449	20.72616	850	105	33	14
28.76921	8.53692	20.74101	846	105	36	13
33.70981	8.540211	20.75616	850	103	36	13
37.78947	8.542892	20.77033	856	102	39	13
40.95062	8.546167	20.79394	866	102	43	9
39.95941	8.546167	20.79394	863	83	43	11
29.01711	8.548019	20.81639	866	91	43	8
35.41068	8.549939	20.84296	869	91	36	9
35.95664	8.551074	20.85856	869	84	36	8
41.77423	8.55191	20.87466	866	113	36	5
42.63977	8.552333	20.88816	866	181	33	2
47.24825	8.552814	20.90369	860	161	26	1
49.05421	8.552814	20.9309	853	70	26	2
46.98929	8.552814	20.94582	860	55	26	2
46.03559	8.553323	20.96207	860	43	26	3
44.74217	8.553675	20.97339	856	97	26	2
43.07073	8.554152	20.98878	856	18	33	3
37.43977	8.554669	21.0012	860	66	39	4
64.97937	8.557753	21.02848	863	85	43	6
75.23692	8.560824	21.04499	856	121	52	9
89.55418	8.563809	21.05887	856	107	56	7
101.2039	8.567142	21.07235	853	102	43	13
104.0986	8.570923	21.08618	856	103	33	15
137.9925	8.577703	21.10891	866	95	33	16
17.44756	8.581809	21.12241	860	95	36	16
5.402066	8.585717	21.13592	860	97	33	16
5.799584	8.589399	21.14867	860	110	30	15
15.93224	8.59876	21.18115	860	108	33	15
90.40534	8.603677	21.19602	860	106	33	15
102.7277	8.609368	21.21127	860	102	33	19
110.7679	8.616033	21.22758	860	91	30	22
162.069	8.620727	21.23854	863	95	30	23
82.74509	8.626391	21.25166	873	94	30	25
14.70333	8.632701	21.2662	876	95	36	25
0	8.645377	21.29627	883	101	36	29
45.07883	8.650423	21.30867	883	94	39	31
42.44267	8.656236	21.32242	889	91	36	29
70.75278	8.662836	21.33829	886	88	39	31
6.467867	8.673163	21.36243	883	88	43	31
46.6432	8.679511	21.37694	889	90	43	29
100.1837	8.679511	21.37694	886	92	46	29
146.9127	8.697018	21.41321	886	94	46	29
176.4602	8.704185	21.42698	889	96	46	28

203.2865	8.711383	21.44037	896	94	46	29
212.8024	8.72051	21.45655	892	100	49	28
208.4796	8.728786	21.47044	892	94	39	34
211.6037	8.744225	21.4949	889	94	39	34
227.7271	8.756616	21.51344	889	96	39	35
228.1032	8.766865	21.52795	889	98	43	37
200.5067	8.773854	21.53786	892	100	43	39
187.1467	8.78183	21.54918	886	98	43	41
155.1473	8.80436	21.58002	883	99	46	42
100.4901	8.81496	21.59487	886	97	39	41
74.07659	8.825238	21.60937	883	97	39	41
89.50488	8.836175	21.62459	879	97	39	41
95.84367	8.846881	21.63979	876	97	36	43
110.7979	8.858259	21.65595	883	98	36	43
114.4243	8.868002	21.67008	883	98	36	44
117.7307	8.882412	21.69091	883	102	36	41
116.4911	8.891499	21.70402	879	104	36	46
115.5484	8.909823	21.731	883	104	36	48
123.6482	8.909823	21.731	892	110	36	42
124.5189	8.931955	21.76271	906	113	36	41
125.5313	8.943519	21.77955	909	119	33	39
112.6063	8.953186	21.79363	919	118	36	39
0	8.964846	21.8108	922	124	33	41
0	8.975506	21.82736	928	124	36	41
0	8.985256	21.84354	935	119	36	39
0	8.994614	21.85982	935	124	36	38
0	9.001188	21.87249	932	122	36	37
3.907643	9.008149	21.88624	935	121	36	37
5.960512	9.020756	21.9135	938	125	36	28
5.853576	9.027788	21.9293	938	125	36	28
5.836868	9.034149	21.94382	942	124	36	28
6.912997	9.03963	21.95689	942	125	36	28
5.923479	9.04576	21.97113	945	130	36	25
5.923479	9.05436	21.99241	945	130	39	25
9.905657	9.060279	22.0083	942	130	39	21
21.02273	9.065679	22.02474	945	144	39	16
36.76257	9.069666	22.03776	942	134	39	21
38.98171	9.073986	22.05467	942	130	39	21
31.54268	9.076782	22.06704	945	144	39	17
35.55334	9.082108	22.09712	948	151	39	16
41.64112	9.082108	22.09712	948	158	39	8
42.56842	9.084839	22.12879	948	146	39	4
38.01242	9.085572	22.14297	948	146	43	3
43.80769	9.086061	22.15884	951	142	43	3
45.23389	9.086529	22.174	948	70	43	3
46.59071	9.086829	22.19703	945	90	43	2
48.87411	9.086829	22.20944	945	56	43	1

48.87411	9.086829	22.22743	945	94	43	1
46.37607	9.087229	22.24027	945	51	43	5
35.23926	9.088021	22.25544	942	146	39	2
78.95639	9.089676	22.26894	942	149	43	8
82.73222	9.093862	22.29001	945	137	43	10
98.10387	9.097364	22.3047	945	133	39	11
79.96135	9.101089	22.3188	942	134	43	13
63.19127	9.104913	22.33198	942	136	43	17
59.03833	9.115656	22.36448	942	135	43	17
71.17836	9.121624	22.3805	942	125	43	22
91.0056	9.126474	22.39285	945	126	43	22
91.0056	9.133961	22.40986	945	127	43	23
104.6907	9.14073	22.42439	938	128	43	26
105.7391	9.147485	22.43819	935	126	46	28
99.34813	9.154072	22.4513	932	126	43	31
46.69779	9.169073	22.48018	925	128	39	33
13.72201	9.175297	22.49188	925	127	39	33
0	9.18276	22.50637	922	130	39	30
10.72604	9.192336	22.52541	928	124	39	29
50.86335	9.199083	22.53856	925	124	39	29
57.04888	9.207139	22.55444	925	126	39	29
8.889557	9.214869	22.5697	925	122	36	29
16.43634	9.225574	22.59111	919	121	39	29
41.25137	9.231167	22.60246	925	121	43	30
53.30732	9.24365	22.62804	928	119	43	29
50.47607	9.250576	22.64168	928	122	43	29
0	9.258184	22.65681	928	131	39	31
3.610097	9.265332	22.67126	925	136	43	32
23.11427	9.273305	22.68687	925	134	43	31
43.67071	9.283161	22.70589	925	134	39	32
36.47998	9.290943	22.72027	915	140	39	33
2.870984	9.298908	22.73515	909	142	39	34
0	9.306903	22.7499	915	145	36	35
0	9.323583	22.781	906	145	36	32
0	9.330877	22.79445	902	149	36	32
0.985855	9.337419	22.8065	906	149	39	31
0	9.344435	22.8196	902	149	43	31
1.935549	9.351852	22.83367	906	156	43	29
0.985418	9.36647	22.86376	899	165	39	29
1.946578	9.36647	22.86376	899	166	39	25
4.82117	9.375855	22.88348	899	165	36	21
25.44238	9.387089	22.90705	892	161	36	23
20.75941	9.392959	22.91951	899	163	39	24
5.173108	9.400657	22.93638	902	165	36	26
3.925909	9.407699	22.95235	902	162	39	27
6.893319	9.418943	22.97786	906	157	36	27
8.82147	9.426068	22.99471	902	152	36	26

7.857064	9.430581	23.00535	906	146	36	26
8.733275	9.436985	23.02057	902	138	36	25
8.830345	9.443498	23.03647	906	134	33	25
8.821465	9.449911	23.0524	899	121	33	22
12.73774	9.460952	23.08081	896	121	33	23
15.6563	9.465766	23.09394	899	122	36	23
25.1377	9.471035	23.10952	899	119	36	23
34.95105	9.475033	23.12233	896	115	36	24
35.96241	9.482113	23.1475	892	104	36	21
36.605	9.482113	23.1475	892	99	36	20
21.40388	9.488264	23.17346	892	111	36	19
33.16024	9.492812	23.19514	899	106	36	16
36.40009	9.494779	23.20722	899	108	39	15
40.23697	9.497856	23.22987	896	102	43	15
20.40016	9.499018	23.24228	896	112	39	10
36.92399	9.499745	23.25617	899	113	43	8
43.61678	9.500207	23.27102	899	114	43	6
47.13991	9.500207	23.29727	899	133	43	1
68.19829	9.500556	23.30865	899	153	43	2
77.75836	9.502212	23.32464	896	118	46	3
76.45964	9.504217	23.33839	896	118	49	3
79.17834	9.507471	23.355	896	114	46	3
92.08361	9.510404	23.3677	896	101	43	8
109.2589	9.514579	23.38324	889	145	39	8
123.1707	9.523019	23.41018	892	126	39	11
82.49611	9.527451	23.42298	889	115	39	14
50.2908	9.53423	23.44191	892	112	39	16
45.86658	9.539264	23.45536	889	96	36	22
55.91884	9.549027	23.4812	899	94	39	23
0	9.554481	23.49568	896	92	36	24
46.72264	9.559572	23.5095	896	86	36	23
60.70226	9.564401	23.52227	892	95	36	24
62.47023	9.569892	23.53681	889	96	36	25
61.25317	9.579803	23.56197	889	109	36	22
47.10088	9.585004	23.57511	886	119	33	23
13.77258	9.590034	23.58782	886	120	36	24
26.38137	9.595697	23.60258	879	134	33	23
45.88436	9.60202	23.61924	886	144	33	24
53.23227	9.612541	23.6455	883	154	33	24
52.98077	9.620199	23.66408	886	147	33	25
52.57206	9.626148	23.67792	883	149	33	27
47.17574	9.632061	23.69206	883	154	33	26
26.72718	9.637413	23.70441	883	150	33	26
26.72718	9.646838	23.72653	883	150	33	26
5.911633	9.652039	23.73866	886	153	33	30
6.931516	9.658157	23.75307	889	158	33	30
7.850658	9.669455	23.78027	886	149	33	31

12.64716	9.674063	23.79191	889	145	33	30
11.89822	9.679084	23.80436	886	134	33	29
10.84885	9.685447	23.81991	876	128	33	22
14.66828	9.692817	23.83887	883	122	33	21
13.71788	9.698496	23.85308	879	119	33	21
14.8553	9.707997	23.87804	889	107	36	20
19.7417	9.713341	23.89185	883	101	33	23
19.40132	9.717925	23.90427	876	99	36	23
18.76648	9.727446	23.93018	876	96	36	22
21.62137	9.727446	23.93018	873	101	39	22
25.62978	9.738297	23.96096	873	90	43	22
34.16876	9.743211	23.97469	876	80	43	22
35.95584	9.747868	23.98847	869	64	39	20
35.95584	9.755654	24.01201	869	62	39	20
33.38136	9.760007	24.02517	873	61	39	20
34.81088	9.764408	24.03892	873	60	43	22
34.76472	9.767877	24.04956	876	66	43	18
35.60335	9.777673	24.08125	876	59	43	18
34.77625	9.782722	24.09745	879	55	43	16
34.53596	9.786927	24.11128	883	44	43	15
34.30101	9.792321	24.12924	883	40	36	19
37.64305	9.796855	24.1444	889	57	36	18
46.31612	9.801519	24.15934	892	79	36	18
55.07716	9.805824	24.17314	879	82	36	17
68.48967	9.810859	24.1889	883	92	33	19
87.42393	9.815483	24.20304	879	96	33	22
24.09449	9.820518	24.21825	879	104	33	21
5.214725	9.825106	24.23243	879	92	33	19
7.193673	9.833144	24.26389	889	92	33	17
37.4725	9.835757	24.27634	892	88	36	16
43.08678	9.838112	24.28912	899	55	36	13
43.08678	9.841811	24.31123	899	40	33	11
39.50834	9.843362	24.32117	892	11	33	8
36.81227	9.846939	24.34604	892	349	33	8
39.02536	9.849505	24.36365	896	334	33	10
56.75782	9.85146	24.37637	896	323	33	9
40.87373	9.853819	24.39156	899	311	33	9
41.20882	9.855495	24.40223	896	313	33	9
36.34194	9.860026	24.43087	896	317	36	9
52.61549	9.862662	24.44477	896	323	36	9
50.80847	9.865196	24.45787	896	331	39	8
28.74142	9.867937	24.4716	896	327	36	14
39.26495	9.872584	24.49711	892	330	36	15
40.70476	9.874226	24.50732	892	325	36	11
40.98298	9.876106	24.51865	892	308	33	10
41.52312	9.879925	24.54592	899	326	33	8
40.03572	9.881516	24.55861	899	310	33	3

21.35031	9.881516	24.55861	899	334	33	8
22.27504	9.885532	24.59607	899	358	33	7
27.65244	9.887119	24.61161	896	356	33	8
47.07944	9.888725	24.62545	899	347	33	7
0	9.891018	24.64267	896	307	33	5
0	9.892627	24.65547	899	311	33	8
26.01262	9.894681	24.6761	899	321	33	11
26.01262	9.895862	24.69234	899	295	33	6
44.33832	9.896444	24.7065	896	269	33	3
47.58117	9.896942	24.72262	892	354	33	1
44.75084	9.896942	24.73673	889	34	33	2
3.302824	9.896942	24.75245	892	354	33	2
9.723265	9.896942	24.77869	892	40	33	3
8.833294	9.896942	24.79069	892	48	36	5
9.818047	9.896942	24.80849	889	32	39	7
10.6776	9.896942	24.83558	889	39	46	6
10.79266	9.896942	24.84844	883	81	46	4
9.84428	9.896942	24.87318	886	174	46	2