

Latitude (d	Longitude	Vehicle sp	Accel X (ft,	Accel Y (ft,	Accel Z (ft,	Calculated	Engine coc	Intake mar
41.11079	-95.9195	19.88388	6.141371	2.865058	-0.12304	28.23529	71.6	32.18781
41.11071	-95.9197	21.12662	2.672243	1.346108	0.585257	29.01961	71.6	32.77841
41.11065	-95.9199	22.36936	-0.43676	-2.99307	-0.51097	28.23529	71.6	33.66431
41.11057	-95.92	22.99073	2.77976	1.072174	-1.60754	25.88235	71.6	33.36901
41.11054	-95.92	23.6121	-1.06583	-5.41517	1.834657	15.68627	71.6	33.36901
41.1105	-95.9202	24.23348	1.908108	3.966506	-2.8035	13.33333	71.6	31.00661
41.11046	-95.9203	24.23348	0.730209	-1.18045	2.182672	19.60784	71.6	31.00661
41.11044	-95.9205	24.23348	-0.24084	-2.84971	-0.91397	27.45098	71.6	31.59721
41.11044	-95.9206	24.23348	-0.65078	-0.19136	-3.36757	30.19608	71.6	32.77841
41.11044	-95.9208	24.85485	1.078868	2.462747	-1.45158	30.98039	71.6	33.95961
41.11044	-95.9209	25.47622	2.129972	0.4031	0.056367	32.54902	71.6	34.84552
41.11049	-95.921	25.47622	-0.46047	-0.80011	-0.43002	28.23529	71.6	36.02672
41.11055	-95.9212	26.09759	-2.53391	-0.23064	-1.04136	29.01961	71.6	34.55022
41.11066	-95.9213	26.71896	0.334041	-3.47199	1.006451	31.37255	71.6	35.14082
41.11078	-95.9214	26.71896	-2.8568	1.100733	0.972696	31.37255	78.8	35.14082
41.11088	-95.9214	27.34033	-2.59234	0.165897	-1.31459	31.76471	78.8	36.02672
41.11105	-95.9216	27.9617	1.874054	3.867345	-3.05136	30.98039	78.8	36.91262
41.11118	-95.9216	28.58307	0.915263	3.664113	-2.22267	17.2549	78.8	36.02672
41.11129	-95.9217	27.9617	1.16703	5.743523	-7.29134	3.137255	78.8	32.77841
41.11138	-95.9217	26.71896	-1.17105	-0.30783	3.05914	2.745098	78.8	30.1207
41.11148	-95.9218	26.09759	0.291063	0.482476	-0.28444	4.705883	78.8	29.2348
41.1116	-95.9218	24.85485	0.34544	2.573426	0.867656	5.882353	78.8	28.9395
41.11165	-95.9218	24.85485	-1.54083	-1.758	-0.09063	14.90196	78.8	28.9395
41.11172	-95.9218	24.23348	-0.72479	-0.99027	0.872441	13.72549	78.8	28.9395
41.11182	-95.9219	24.23348	-1.29165	-0.82861	1.654455	14.11765	78.8	29.2348
41.11188	-95.9221	24.23348	-1.7232	-0.97825	2.894355	14.11765	78.8	29.5301
41.11193	-95.9222	24.23348	-0.75364	-3.04378	4.788434	15.29412	78.8	29.5301
41.11198	-95.9223	24.85485	1.108183	-0.09707	0.403055	15.68627	78.8	29.8254
41.11202	-95.9224	24.85485	-1.84785	-1.15032	1.070911	15.68627	78.8	29.8254
41.11208	-95.9225	24.85485	0.392857	-0.93549	0.656588	15.29412	78.8	29.8254
41.11208	-95.9226	25.47622	-0.80482	-1.06957	1.302045	15.29412	78.8	29.8254
41.11207	-95.9227	25.47622	1.717856	-1.01952	0.980216	18.03922	86	29.8254
41.11205	-95.9229	25.47622	4.556193	1.396753	-1.48459	26.27451	86	30.416
41.11206	-95.923	26.09759	1.010701	-0.21371	-0.95858	30.58824	86	33.36901
41.11204	-95.9232	26.71896	0.955696	1.952878	-1.35426	32.15686	86	35.14082
41.11207	-95.9233	27.34033	-0.82104	2.088953	-0.42593	33.72549	86	36.91262
41.11207	-95.9235	27.9617	-1.10629	0.803779	-0.86908	38.43137	86	38.97973
41.1121	-95.9236	29.82582	-1.00984	-1.87366	0.034822	38.03922	86	40.45624
41.11212	-95.9238	31.06856	1.266725	0.392876	0.029546	38.43137	86	41.34214
41.11212	-95.9239	32.3113	-0.69099	-2.46954	-0.44073	37.2549	86	41.63744
41.11217	-95.9241	33.55404	0.608933	-1.25909	2.5316	35.68628	86	40.75154
41.11224	-95.9244	33.55404	1.108398	0.706793	2.422767	20.39216	86	36.32202
41.11228	-95.9246	34.17542	0.6377	-3.29567	1.240734	16.86275	86	33.66431
41.11234	-95.9248	33.55404	-0.11406	-1.86798	2.16446	19.60784	86	32.18781
41.11241	-95.925	33.55404	0.004206	-1.42139	-0.41985	23.92157	86	32.48311
41.11247	-95.9251	33.55404	0.054859	0.897235	-2.10724	28.23529	86	32.48311

41.11259	-95.9252	33.55404	-0.36632	1.900976	1.408969	30.58824	86	34.25492
41.11272	-95.9253	34.17542	-0.04318	0.547191	-1.24575	32.15686	86	37.50323
41.11287	-95.9253	34.17542	-2.486	-3.08701	0.987826	34.5098	86	38.97973
41.11301	-95.9254	34.79679	3.431702	7.52446	-12.5215	36.86274	91.4	41.34214
41.11313	-95.9254	35.41816	-1.75389	6.667354	-7.28903	40.78431	91.4	43.11395
41.11326	-95.9255	36.03953	0.126677	0.990318	1.031511	40.78431	91.4	45.47635
41.1134	-95.9255	36.6609	-2.61022	-7.19775	5.873196	41.17647	91.4	46.95286
41.11354	-95.9256	37.28227	2.717266	6.324507	-5.69884	41.17647	91.4	47.24816
41.11368	-95.9257	37.28227	2.769542	2.702588	-1.99655	40.78431	91.4	47.83876
41.11381	-95.9257	37.28227	5.163179	-1.44041	1.636808	38.82353	91.4	46.06696
41.11392	-95.9258	37.28227	-0.1419	-4.61583	0.958613	10.58823	91.4	38.38913
41.11403	-95.9258	36.03953	0.67142	-0.51604	4.539232	0	91.4	32.77841
41.11418	-95.926	33.55404	2.504905	1.804995	-3.42769	1.568627	91.4	30.416
41.11424	-95.9261	32.3113	0.2971	-2.94634	-1.05356	2.352941	91.4	29.2348
41.11435	-95.9262	30.44719	0.164963	-1.01139	-2.94272	3.137255	91.4	28.9395
41.11446	-95.9263	28.58307	-0.68582	-2.02446	5.826919	5.490196	91.4	28.6442
41.11455	-95.9264	26.71896	-1.17086	-2.5826	-4.67796	3.529412	91.4	28.6442
41.11463	-95.9265	24.85485	2.100055	-1.02712	-0.58961	5.098039	91.4	28.6442
41.11462	-95.9266	23.6121	0.419639	1.759913	-1.81626	7.45098	91.4	28.6442
41.11465	-95.9268	21.12662	-0.21929	-1.14047	1.842844	7.843137	91.4	28.6442
41.1147	-95.9269	21.12662	0.515739	0.695871	-0.47003	9.803922	98.6	28.6442
41.11472	-95.927	17.39839	-3.5294	-2.42342	-1.12481	14.11765	98.6	28.9395
41.11475	-95.927	14.91291	-1.65647	-1.31176	1.379323	11.76471	98.6	28.9395
41.11477	-95.9271	9.941939	-0.96986	-1.39808	1.271574	13.72549	98.6	28.9395
41.11478	-95.9271	8.077826	-0.70746	-1.10892	-1.13053	14.5098	98.6	28.9395
41.11477	-95.9272	7.456454	-0.30301	0.107246	-1.75012	12.15686	98.6	28.6442
41.11483	-95.9272	6.835083	-0.89189	0.99905	0.800532	10.19608	98.6	28.9395
41.11483	-95.9273	8.077826	0.943182	1.402682	-4.368	36.47059	98.6	29.5301
41.11483	-95.9273	9.941939	-0.57902	0.165925	-1.45846	35.29412	98.6	32.48311
41.11488	-95.9273	15.53428	-1.43995	-0.23154	0.730438	33.72549	98.6	41.34214
41.11492	-95.9274	18.64114	-0.74327	0.325871	1.949432	33.72549	98.6	43.70455
41.11496	-95.9275	20.50525	0.195892	-1.73947	0.799432	36.07843	98.6	44.29515
41.11503	-95.9276	24.85485	-2.02053	-1.68574	3.303823	34.11765	98.6	45.18105
41.1151	-95.9277	24.85485	0.421373	7.571893	-8.56991	40.78431	98.6	46.06696
41.11519	-95.9278	28.58307	2.94243	-3.75062	1.664413	41.17647	98.6	47.54346
41.11526	-95.9279	29.82582	-0.28314	-2.97301	2.993946	40	98.6	50.49647
41.11535	-95.928	31.68993	-0.05434	-2.62788	0.092164	38.43137	98.6	50.79177
41.11543	-95.9281	33.55404	-0.07218	-1.87811	1.469344	37.2549	104	50.20117
41.1155	-95.9283	33.55404	-0.65062	-0.29171	-0.27483	9.019608	104	39.27503
41.11558	-95.9284	32.93267	0.900783	-3.63076	-0.05388	31.76471	104	34.84552
41.11568	-95.9285	32.93267	0.825554	1.769007	-3.00632	35.68628	104	36.02672
41.11579	-95.9286	33.55404	-0.55867	4.53169	1.33893	36.86274	104	38.97973
41.11593	-95.9288	34.17542	1.256464	1.673471	-1.43871	37.2549	104	41.34214
41.116	-95.9289	34.17542	0.283216	-4.52483	2.965357	38.03922	104	43.11395
41.11614	-95.929	35.41816	0.967923	1.206089	-3.10064	42.35294	104	46.65756
41.11621	-95.9292	36.03953	0.724282	-0.14913	-3.01511	43.13726	104	49.01997
41.1163	-95.9294	36.6609	-1.27628	-6.15046	2.372345	36.47059	104	48.42936

41.11635	-95.9296	36.6609	0.747612	1.023715	-8.21115	36.47059	104	44.59045
41.11639	-95.9298	37.28227	0.380204	-3.15826	4.856617	38.82353	104	45.18105
41.11648	-95.9299	37.28227	1.348708	2.875348	-1.96414	20.39216	104	36.91262
41.11658	-95.93	36.6609	-0.60264	-1.56621	3.291428	0	104	32.77841
41.11665	-95.9302	35.41816	-0.04589	0.63184	-0.22159	0	104	30.416
41.11673	-95.9303	34.17542	-4.43623	-3.7588	-2.24268	12.54902	104	29.8254
41.11683	-95.9305	33.55404	2.470844	5.299625	-3.15821	19.60784	104	31.00661
41.11691	-95.9306	33.55404	-0.48673	-0.58205	0.342499	29.01961	111.2	33.95961
41.117	-95.9308	33.55404	-0.61193	-1.09691	-1.66021	30.19608	111.2	35.14082
41.11709	-95.9309	34.17542	-0.86136	-2.30399	-1.20135	32.54902	111.2	36.02672
41.11718	-95.931	34.79679	0.084496	0.923176	-0.68727	36.47059	111.2	38.09383
41.11724	-95.9312	36.03953	0.530229	1.776674	-0.79756	36.07843	111.2	40.75154
41.11731	-95.9314	37.90364	-0.43868	-1.8285	-0.16832	24.70588	111.2	41.63744
41.11737	-95.9316	37.90364	-0.9501	0.273364	0.538654	28.62745	111.2	37.50323
41.11744	-95.9318	39.14639	-1.18542	0.110644	-0.99424	31.76471	111.2	38.97973
41.11749	-95.932	40.38913	-0.93763	1.244068	-0.88877	30.98039	111.2	39.86563
41.11755	-95.9322	42.25324	1.117632	0.683632	-0.3067	30.58824	111.2	39.57034
41.1176	-95.9324	43.49598	-0.37523	1.424048	2.534639	21.17647	111.2	39.27503
41.11768	-95.9326	44.11736	-1.41819	-1.72123	1.485685	14.5098	111.2	33.66431
41.11762	-95.9329	44.11736	-0.09305	1.752017	3.66481	0	111.2	31.89251
41.11766	-95.9331	43.49598	0.127099	1.807225	2.555385	0	111.2	30.1207
41.11772	-95.9333	43.49598	0.752641	-0.62237	0.272547	0	111.2	29.8254
41.11774	-95.9336	43.49598	-0.24951	4.10902	2.210311	0	111.2	29.5301
41.11776	-95.9338	43.49598	0.642434	-0.55088	-0.55216	6.27451	111.2	30.416
41.11777	-95.934	44.11736	0.487402	-0.16511	-0.25655	17.2549	116.6	31.89251
41.11781	-95.9342	44.73873	0.360522	0.417598	-0.92668	18.03922	116.6	32.18781
41.11781	-95.9345	44.73873	-0.48933	2.443404	0.428426	17.2549	116.6	32.48311
41.11782	-95.9347	44.73873	0.432996	-1.34818	0.174936	19.60784	116.6	32.48311
41.11786	-95.9349	44.73873	1.047466	-1.74144	-2.16823	22.35294	116.6	32.77841
41.1179	-95.9352	44.73873	-0.05837	0.900789	-0.46948	25.88235	116.6	33.66431
41.11791	-95.9354	44.73873	-0.40529	-1.22582	0.693232	27.84314	116.6	34.25492
41.11791	-95.9357	45.3601	0.246772	0.953736	0.636324	18.43137	116.6	34.25492
41.11795	-95.9358	44.73873	-0.50075	0.572211	-0.93903	10.58823	116.6	33.07371
41.11797	-95.9361	44.11736	0.471226	-0.28602	-1.40781	5.882353	116.6	31.59721
41.11798	-95.9363	43.49598	-0.63816	0.03904	-0.49232	6.666667	116.6	31.30191
41.11798	-95.9366	42.87461	-0.36438	0.558046	1.292265	3.529412	116.6	31.00661
41.11796	-95.9368	42.87461	-1.22525	0.090469	0.501232	8.235294	116.6	30.7113
41.118	-95.937	42.87461	1.239255	-2.47481	-0.18972	9.803922	116.6	31.00661
41.11802	-95.9373	41.63187	-0.6572	-2.21674	0.577472	0	116.6	30.1207
41.11806	-95.9374	41.0105	-0.07475	-0.87086	-1.29098	0	116.6	29.5301
41.11806	-95.9377	40.38913	0.064964	-2.41838	-0.05826	0	116.6	29.5301
41.11808	-95.9379	39.14639	0.002151	0.4601	0.527349	4.313725	118.4	30.1207
41.11806	-95.9381	39.14639	-0.5418	-1.3448	-0.83901	0	118.4	29.8254
41.11806	-95.9383	37.90364	-2.02094	-0.71224	1.390941	0	118.4	28.9395
41.11808	-95.9385	37.90364	-0.56278	0.491463	1.961963	5.098039	118.4	28.9395
41.11809	-95.9387	37.28227	-0.93531	2.342911	2.06102	0.392157	118.4	28.6442
41.11812	-95.9389	36.6609	-0.31184	-1.23428	0.618524	1.176471	118.4	28.6442

41.11814	-95.9391	34.79679	-0.2509	-0.6741	-0.51695	0	118.4	28.6442
41.11813	-95.9393	33.55404	-0.29025	-0.75053	0.781122	0.392157	118.4	28.6442
41.11815	-95.9395	31.06856	-0.24876	0.695097	0.161257	0.784314	118.4	28.6442
41.11815	-95.9396	29.82582	-0.06424	0.742327	1.934872	0.784314	118.4	28.6442
41.11817	-95.9397	27.9617	0.130826	0.728268	0.244071	4.705883	118.4	28.6442
41.1182	-95.9399	26.71896	-0.82083	1.515322	0.941154	1.960784	118.4	28.6442
41.11819	-95.94	24.85485	-0.38629	0.246564	0.039345	3.529412	118.4	28.9395
41.11818	-95.9402	24.23348	0.382787	-0.60782	-2.33378	4.313725	118.4	28.6442
41.11817	-95.9403	23.6121	0.105423	0.306368	-2.34309	14.90196	118.4	28.6442
41.11819	-95.9404	24.23348	-0.13659	-1.00239	-1.37721	26.66667	118.4	29.5301
41.1182	-95.9406	24.85485	0.291083	0.055737	-0.66358	25.4902	122	31.59721
41.11823	-95.9407	26.09759	-0.03147	0.420241	-1.58041	27.45098	122	33.07371
41.11823	-95.9408	26.71896	-0.1083	1.196623	-1.50511	32.54902	122	33.66431
41.11825	-95.941	27.9617	0.086966	-0.64002	-2.36796	35.29412	122	36.02672
41.11827	-95.9411	29.82582	0.292086	0.353658	-0.89809	37.2549	122	39.57034
41.11828	-95.9413	31.06856	-0.24248	0.499735	0.954746	37.2549	122	41.04684
41.11831	-95.9415	32.3113	0.363728	-0.155	0.261542	39.21569	122	41.93274
41.11832	-95.9416	33.55404	-0.42507	0.723299	0.797058	40.39216	122	43.11395
41.11832	-95.9418	35.41816	0.28589	0.175471	-0.6314	40.39216	122	44.59045
41.11832	-95.942	36.6609	-0.18099	0.082341	1.297971	40	122	46.65756
41.11834	-95.9422	37.28227	-0.39	-1.77545	-0.73307	40.39216	122	46.65756
41.11834	-95.9424	38.52501	0.417778	-0.92898	-1.31245	38.43137	122	47.24816
41.11834	-95.9427	39.76776	-0.56379	-0.37124	-0.17603	37.64706	122	47.54346
41.11837	-95.9429	41.0105	-0.17492	-1.46651	0.656758	37.64706	122	47.54346
41.11837	-95.9431	41.63187	-0.36275	0.535311	0.623733	36.86274	122	46.65756
41.11836	-95.9433	42.25324	-0.50906	0.843459	1.892554	23.13725	122	37.79853
41.11834	-95.9436	41.63187	-0.238	0.417539	1.37314	0	122	32.48311
41.11835	-95.9437	40.38913	-0.81461	-1.17872	0.192891	0	122	30.416
41.11837	-95.944	39.76776	0.14827	0.396573	0.518376	9.411765	125.6	31.30191
41.11837	-95.9442	39.76776	-0.08642	0.193492	0.210442	20.78431	125.6	32.48311
41.11839	-95.9444	39.14639	0.074535	3.590595	-0.06262	24.70588	125.6	33.36901
41.11839	-95.9446	39.14639	-0.43521	0.010883	-0.23041	24.31373	125.6	33.95961
41.11839	-95.9448	38.52501	0.62061	0.937438	-0.13625	25.09804	125.6	33.95961
41.11841	-95.945	37.90364	-0.28414	0.638024	-0.67591	26.27451	125.6	34.25492
41.11843	-95.9452	37.28227	0.620581	1.04411	-0.85938	27.84314	125.6	35.14082
41.11845	-95.9454	36.6609	-0.05048	0.400234	-0.16721	29.80392	125.6	36.61732
41.11842	-95.9456	36.6609	0.380307	0.531311	0.336448	16.47059	125.6	36.61732
41.11843	-95.9458	35.41816	0.248182	-0.353	-0.34962	4.705883	125.6	33.95961
41.11845	-95.946	34.17542	-0.3239	-2.27921	0.661808	4.705883	125.6	31.30191
41.11845	-95.9462	32.93267	-1.01682	-0.15888	0.244706	0	125.6	30.7113
41.11848	-95.9463	29.82582	0.273003	-1.05104	0.54282	0.392157	125.6	30.1207
41.11851	-95.9464	28.58307	-1.20305	0.215901	1.042341	1.568627	125.6	28.9395
41.11852	-95.9466	26.71896	1.307325	0.688961	2.835471	3.137255	125.6	28.9395
41.11853	-95.9467	24.23348	-0.56476	-0.72384	1.854736	4.705883	125.6	28.6442
41.11855	-95.9468	21.12662	-1.44171	0.466666	3.914951	10.58823	125.6	28.9395
41.11854	-95.9469	18.64114	0.334703	-1.06785	-0.1447	13.33333	131	28.9395
41.11857	-95.947	14.29154	-1.21504	-2.55066	2.540738	12.15686	131	28.9395

41.11857	-95.947	8.077826	0.934961	1.060233	3.174321	14.11765	131	28.9395
41.11858	-95.947	6.213712	0.948993	1.578035	-3.478	15.29412	131	29.2348
41.11858	-95.9471	7.456454	1.442738	1.155235	-6.61794	32.54902	131	31.89251
41.11858	-95.9471	9.941939	5.105572	0.657647	-3.60541	35.29412	131	36.32202
41.11859	-95.9472	13.04879	-0.02663	-1.21427	-1.26447	34.5098	131	39.27503
41.11872	-95.9472	19.26251	-1.71882	-4.77265	0.494962	33.72549	131	39.86563
41.11882	-95.9472	18.64114	0.304597	-0.87353	-0.98078	36.07843	131	41.63744
41.11889	-95.9472	21.12662	-2.96818	3.297437	-2.72345	38.82353	131	44.59045
41.11898	-95.9472	23.6121	-4.05584	2.470516	-1.88636	38.03922	131	49.90587
41.11904	-95.9472	27.34033	-1.62527	2.596558	-1.84593	41.56863	131	54.63068
41.11914	-95.9472	29.20445	-0.07883	3.888397	0.835073	41.56863	131	55.22129
41.11923	-95.9473	31.06856	-0.15942	0.796527	1.208021	39.21569	131	55.22129
41.11937	-95.9472	32.3113	-0.61983	-1.67515	2.277189	35.68628	131	54.63068
41.11952	-95.9473	33.55404	-0.27412	0.548094	0.99687	34.90196	131	53.15418
41.1197	-95.9473	34.17542	-0.16532	-0.99662	-0.03164	30.98039	131	47.54346
41.11979	-95.9473	34.17542	-1.7615	-2.74287	0.559277	29.41176	132.8	47.54346
41.11989	-95.9473	34.17542	0.118273	0.275907	-0.2574	29.80392	132.8	42.22804
41.12003	-95.9474	33.55404	1.152503	7.161634	-0.37276	30.19608	132.8	41.63744
41.12024	-95.9475	32.93267	1.271862	0.020007	-3.52478	23.92157	132.8	41.04684
41.12039	-95.9475	32.93267	-1.37011	-3.58938	-0.39291	21.96078	132.8	37.50323
41.12057	-95.9475	32.3113	1.01122	-0.25714	1.02588	24.31373	132.8	35.73142
41.1207	-95.9474	32.3113	-1.26584	-0.8533	3.087273	26.27451	132.8	36.02672
41.1208	-95.9474	31.68993	-0.36919	0.222634	-0.22045	25.4902	132.8	36.32202
41.12096	-95.9474	32.3113	-0.83861	0.313771	0.481779	23.92157	132.8	35.43612
41.12111	-95.9474	32.3113	0.598256	-0.41359	-0.29572	29.80392	132.8	36.02672
41.12121	-95.9474	32.93267	-0.22524	2.390608	-2.24015	32.15686	132.8	37.79853
41.12134	-95.9474	34.17542	0.771717	1.66998	-1.20913	31.37255	132.8	42.81865
41.12146	-95.9474	35.41816	-1.40233	-0.98128	-1.38851	29.80392	132.8	42.52334
41.12161	-95.9473	36.03953	0.606406	-0.1814	-0.01445	27.45098	132.8	42.52334
41.12175	-95.9474	36.6609	1.848427	1.010116	-1.5743	26.27451	132.8	42.22804
41.12188	-95.9473	37.90364	1.077711	0.483465	-1.27366	29.41176	132.8	41.34214
41.12204	-95.9473	38.52501	0.629039	0.611122	1.965235	28.23529	132.8	38.97973
41.12219	-95.9473	39.14639	0.373486	-1.86204	-0.90984	27.05882	132.8	35.43612
41.12238	-95.9474	39.14639	-0.77504	0.518627	0.865343	18.43137	138.2	35.43612
41.12252	-95.9474	39.14639	0.595338	-0.42714	1.109176	15.29412	138.2	32.77841
41.1227	-95.9474	38.52501	-0.69748	-0.75733	0.681165	0	138.2	32.18781
41.12287	-95.9473	38.52501	0.77555	0.459523	0.560978	0	138.2	30.7113
41.12304	-95.9473	37.90364	-0.05048	-0.98887	-0.66661	0	138.2	29.2348
41.12321	-95.9473	37.28227	1.499518	1.677636	-0.48832	0	138.2	28.9395
41.1234	-95.9474	37.28227	-1.07114	-1.67428	6.397717	0	138.2	28.9395
41.12353	-95.9474	36.6609	1.125728	2.587607	-0.55928	0	138.2	28.9395
41.12369	-95.9473	36.6609	-1.19781	-0.77696	-0.02118	0	138.2	28.6442
41.12383	-95.9474	36.6609	1.771115	0.393372	-1.2125	0	138.2	28.9395
41.12396	-95.9474	36.6609	-1.63593	1.093769	1.512084	0	138.2	28.6442
41.12409	-95.9474	36.6609	-1.73638	-0.0779	-0.7981	2.745098	138.2	28.6442
41.12424	-95.9474	36.6609	0.019599	1.356437	-0.95794	2.745098	138.2	28.9395
41.1244	-95.9474	36.6609	0.336661	-1.72656	-0.30432	3.921569	138.2	29.5301

41.12455	-95.9474	36.6609	0.437179	0.9484	0.577364	6.666667	138.2	29.8254
41.1247	-95.9474	36.6609	-0.10492	-1.50046	-1.09342	3.137255	138.2	30.1207
41.12486	-95.9474	36.6609	-0.04184	-2.41163	-1.5827	0	138.2	29.5301
41.125	-95.9474	36.6609	-0.62445	-4.88987	3.107218	0.784314	138.2	29.5301
41.12513	-95.9474	36.6609	1.554718	1.95353	-0.82108	0.784314	141.8	28.9395
41.12527	-95.9474	36.6609	-0.13951	0.791303	2.512215	4.705883	141.8	29.8254
41.12544	-95.9474	36.6609	0.464013	3.712113	-2.82893	2.745098	141.8	29.8254
41.1256	-95.9474	36.6609	1.715349	1.591205	1.155965	1.960784	141.8	30.1207
41.12574	-95.9474	36.6609	-1.07977	-0.74015	3.553288	0	141.8	29.5301
41.12588	-95.9474	36.03953	-0.81509	1.127715	1.810773	0	141.8	29.2348
41.126	-95.9474	35.41816	-0.32982	1.280182	2.973247	0	141.8	28.9395
41.12615	-95.9474	32.93267	-0.18203	2.81615	2.009177	1.176471	141.8	28.9395
41.12631	-95.9474	31.06856	-0.37051	0.86181	0.115129	0.392157	141.8	28.9395
41.12644	-95.9474	29.20445	-0.45541	-1.71615	2.671194	3.137255	141.8	28.9395
41.12653	-95.9474	25.47622	1.048121	1.291871	0.132845	5.882353	141.8	28.9395
41.12662	-95.9474	21.12662	-0.29527	1.195787	1.466499	6.27451	141.8	28.9395
41.1267	-95.9474	19.26251	0.95765	1.941163	0.080785	10.58823	141.8	28.9395
41.12673	-95.9474	16.77702	-2.98679	0.091542	-0.38118	14.11765	141.8	29.2348
41.12677	-95.9474	14.91291	-8.40972	0.749554	-2.31849	12.15686	141.8	29.2348
41.1268	-95.9474	14.29154	-6.40337	-0.70419	-3.43056	12.15686	141.8	29.2348
41.12685	-95.9475	14.29154	1.681195	-0.72826	-0.81855	11.76471	141.8	29.2348
41.12687	-95.9476	14.91291	4.850912	2.972867	-6.23985	14.90196	141.8	29.2348
41.12692	-95.9476	14.29154	5.287861	-2.05821	-1.04202	14.90196	141.8	29.2348
41.12692	-95.9477	14.91291	2.794738	-3.01011	-0.33594	25.09804	141.8	30.1207
41.12691	-95.9478	15.53428	2.859638	6.59573	-6.37756	27.84314	141.8	31.89251
41.12685	-95.9479	16.15565	0.206861	-1.75322	0.175435	25.09804	141.8	32.77841
41.12685	-95.948	15.53428	2.008052	-2.56218	2.996983	3.921569	141.8	31.00661
41.12682	-95.9481	13.67017	2.81078	-0.74127	2.006131	8.627451	141.8	29.8254
41.12681	-95.9481	11.18468	9.328859	-0.18552	3.840732	12.54902	141.8	29.5301
41.12681	-95.9482	9.941939	8.703153	5.540476	4.088314	14.11765	141.8	29.5301
41.12687	-95.9482	8.699197	0.869121	-1.73611	-1.39282	13.33333	141.8	29.2348
41.12691	-95.9482	8.699197	-2.77438	-0.83944	-3.60495	13.72549	141.8	29.2348
41.12696	-95.9483	9.320568	-4.7012	-0.61415	-1.87792	20.39216	141.8	29.5301
41.127	-95.9483	9.320568	0.075034	-0.21338	-0.59233	10.98039	141.8	30.1207
41.12713	-95.948	0	-0.01853	-0.02989	0.020397	4.313725	143.6	28.9395
41.12716	-95.9481	0	-0.01449	-0.09093	0.089248	3.921569	143.6	28.9395
41.12714	-95.9481	0	0.048779	0.089573	0.037037	3.921569	143.6	28.9395
41.12714	-95.9481	0	-0.01387	-0.04511	-0.03899	4.313725	143.6	28.9395
41.12713	-95.9481	0	0.043575	0.019249	0.01789	4.313725	143.6	28.9395
41.12712	-95.9481	0	-0.01774	0.026259	0.019223	4.705883	143.6	28.9395
41.12711	-95.9481	0	-0.01715	-0.09787	-0.03807	3.921569	143.6	28.9395
41.1271	-95.9481	0	0.043737	-0.03534	0.022286	4.313725	143.6	28.9395
41.12711	-95.9482	0	-0.01762	-0.03571	0.087866	3.921569	143.6	28.9395
41.12711	-95.9482	0	0.046066	-0.09317	-0.02926	3.921569	143.6	28.9395
41.12711	-95.9482	0	0.047145	0.028136	-0.09015	3.529412	143.6	28.9395
41.12711	-95.9482	0	-0.01498	-0.02699	0.092719	4.313725	143.6	28.9395
41.12711	-95.9482	0	-0.01174	-0.02899	0.085512	3.921569	143.6	28.9395

41.12711	-95.9482	0	0.04715	-0.02914	-0.03243	4.313725	143.6	28.9395
41.12711	-95.9482	0	-0.01278	0.035815	-0.03507	3.921569	143.6	28.6442
41.12711	-95.9482	0	-0.01245	-0.02887	0.086015	3.921569	143.6	28.6442
41.12711	-95.9482	0	-0.00963	-0.02475	-0.03042	3.921569	143.6	28.9395
41.12711	-95.9482	0	-0.01083	-0.02016	0.026701	4.705883	143.6	28.9395
41.12711	-95.9482	0	0.051318	0.038554	-0.04471	4.313725	143.6	28.9395
41.12711	-95.9482	0	0.056177	-0.0185	0.019283	4.313725	143.6	28.9395
41.12711	-95.9482	0	-0.00516	-0.07941	0.088819	3.529412	143.6	28.6442
41.12711	-95.9482	0	-0.00655	0.100897	-0.04258	4.313725	143.6	28.9395
41.12711	-95.9482	0	-0.01089	-0.01647	-0.03281	3.921569	143.6	28.9395
41.12711	-95.9482	0	-0.01397	-0.02411	0.034599	4.313725	143.6	28.9395
41.12711	-95.9482	0	-0.01138	0.031548	0.036844	3.921569	143.6	28.9395
41.12711	-95.9482	0	-0.01164	-0.02705	-0.02863	4.313725	143.6	28.9395
41.12711	-95.9482	0	-0.01739	-0.02632	0.037119	4.705883	143.6	28.9395
41.12711	-95.9482	0	0.048231	0.0296	-0.02888	3.921569	143.6	28.9395
41.12711	-95.9482	0	-0.01175	-0.03289	-0.08577	4.313725	143.6	28.9395
41.12711	-95.9482	0	-0.00659	0.03036	0.03236	4.705883	143.6	28.6442
41.12711	-95.9482	0	-0.00779	0.03188	0.144577	3.921569	143.6	28.9395
41.12711	-95.9482	0	-0.00886	-0.02708	-0.04451	4.313725	143.6	28.6442
41.12711	-95.9482	0	0.050281	0.033197	-0.0458	3.921569	143.6	28.9395
41.12711	-95.9482	0	-0.01255	-0.02563	0.066774	3.921569	143.6	28.9395
41.12711	-95.9482	0	-0.01511	-0.08493	0.065712	3.529412	143.6	28.9395
41.12711	-95.9482	0	-0.01425	-0.01724	-0.04342	5.098039	143.6	28.9395
41.12711	-95.9482	0	0.045836	0.043247	0.015306	4.313725	143.6	28.9395
41.12711	-95.9482	0	-0.01614	-0.02596	0.022768	3.921569	143.6	28.9395
41.12711	-95.9482	0	-0.01584	0.032735	-0.03562	4.705883	143.6	28.9395
41.12711	-95.9482	0	-0.01495	-0.02912	0.018642	4.313725	143.6	28.9395
41.12711	-95.9482	0	-0.01726	-0.09317	0.079652	3.921569	143.6	28.9395
41.12711	-95.9482	0	0.040667	0.030979	-0.03817	3.921569	143.6	28.9395
41.12711	-95.9482	0	0.039982	-0.03032	0.016959	3.921569	143.6	28.9395
41.12711	-95.9482	0	-0.02607	-0.02916	-0.04956	4.313725	143.6	28.9395
41.12711	-95.9482	0	0.039528	0.097125	0.074801	4.313725	143.6	28.9395
41.12711	-95.9482	0	-0.01505	-0.03317	-0.04476	4.313725	143.6	28.9395
41.12711	-95.9482	0	-0.01421	0.02281	-0.0477	4.313725	143.6	28.9395
41.12711	-95.9482	0	0.048705	0.028589	0.068575	3.921569	143.6	28.9395
41.12711	-95.9482	0	-0.0135	-0.03446	0.129087	4.705883	143.6	28.9395
41.12711	-95.9482	0	-0.01585	-0.03234	0.006039	3.921569	143.6	28.9395
41.12711	-95.9482	0	-0.01496	-0.02488	-0.05247	4.313725	143.6	28.9395
41.12711	-95.9482	0	-0.01502	-0.02892	0.011144	4.313725	143.6	28.9395
41.12711	-95.9482	0	0.0424	-0.03346	-0.04213	3.921569	143.6	28.9395
41.12711	-95.9482	0	-0.01865	0.025155	-0.04382	4.313725	143.6	28.9395
41.12711	-95.9482	0	-0.01818	-0.03099	0.06937	4.705883	143.6	28.9395
41.12711	-95.9482	0	0.042939	0.033319	-0.05223	4.313725	143.6	28.9395
41.12711	-95.9482	0	0.044299	-0.02837	0.011318	3.921569	143.6	28.9395
41.12711	-95.9482	0	-0.0748	0.027925	-0.05601	4.313725	143.6	28.9395
41.12711	-95.9482	0	0.050444	0.094938	0.067401	4.313725	143.6	28.9395
41.12711	-95.9482	0	-0.06979	-0.08743	0.126096	3.921569	143.6	28.9395

41.12711	-95.9482	0	-0.01134	0.03399	-0.06205	3.921569	143.6	28.9395
41.12711	-95.9482	0	-0.00878	0.040224	-0.06448	3.921569	143.6	28.9395
41.12711	-95.9482	0	0.05319	-0.07706	0.063535	3.921569	143.6	28.9395
41.12711	-95.9482	0	-0.01045	-0.02194	0.060371	4.313725	143.6	28.9395
41.12711	-95.9482	0	-0.01078	0.037052	0.00094	4.313725	143.6	28.9395
41.12711	-95.9482	0	-0.01133	-0.02294	-0.05628	3.921569	143.6	28.9395
41.12711	-95.9482	0	0.047636	0.029955	0.011024	3.921569	143.6	28.6442
41.12711	-95.9482	0	0.045389	0.031416	-0.11881	3.921569	143.6	28.9395
41.12711	-95.9482	0	-0.07662	-0.03652	0.00517	3.921569	143.6	28.9395
41.12711	-95.9482	0	-0.01621	0.082753	0.006695	4.705883	143.6	28.9395
41.12711	-95.9482	0	-0.01793	-0.0413	0.06261	4.313725	143.6	28.9395
41.12711	-95.9482	0	-0.31805	0.022191	-0.6516	3.921569	143.6	28.9395
41.12711	-95.9482	0	0.049024	0.149632	0.139418	3.529412	143.6	28.9395
41.12711	-95.9482	0	0.100184	0.200434	0.075873	3.921569	143.6	28.6442
41.12711	-95.9482	0	0.586958	0.512139	-0.05143	4.313725	143.6	28.9395
41.12711	-95.9482	0	0.318278	0.696663	-0.12073	4.313725	143.6	28.9395
41.12711	-95.9482	0	0.353195	-0.00902	0.225013	4.313725	143.6	28.9395
41.12711	-95.9482	0	0.048236	-0.05076	0.112664	5.882353	143.6	28.9395
41.12711	-95.9482	0	-0.07654	0.018148	-0.01802	4.313725	143.6	28.9395
41.12711	-95.9482	0	0.105829	0.016318	-0.01464	4.705883	143.6	28.6442
41.12711	-95.9482	0	0.467625	0.134723	0.06526	4.705883	143.6	28.9395
41.12711	-95.9482	0	0.048203	-0.02826	0.006991	3.529412	143.6	28.6442
41.12711	-95.9482	0	-0.01743	0.020352	0.232986	4.705883	143.6	28.9395
41.12711	-95.9482	0	-0.4854	-0.03568	0.851396	8.235294	143.6	28.9395
41.12711	-95.9482	0	-1.22158	-0.65941	3.341201	24.31373	143.6	28.9395
41.12709	-95.9482	1.864114	0.281655	0.139717	2.806312	24.70588	143.6	29.8254
41.12709	-95.9482	4.349598	4.492323	4.92937	-0.0159	13.33333	143.6	30.7113
41.12709	-95.9482	3.728227	0.728414	-6.96095	-4.51729	15.29412	143.6	29.8254
41.1271	-95.9482	3.106856	1.762764	-0.05852	-5.78286	15.68627	143.6	29.5301
41.1271	-95.9483	1.864114	0.833257	1.747697	-5.51781	15.68627	143.6	29.2348
41.12709	-95.9482	0	-2.35992	-0.0433	-2.59489	19.21569	143.6	29.2348
41.12708	-95.9482	1.864114	-7.34515	-0.7591	-2.4207	24.70588	143.6	29.8254
41.12708	-95.9482	4.349598	-3.88998	-0.61234	-0.28004	25.09804	143.6	30.7113
41.1271	-95.9483	6.835083	-4.92819	-1.83563	-1.09107	26.27451	143.6	31.59721
41.12714	-95.9483	8.077826	-0.41067	-0.61283	1.607211	18.82353	143.6	32.48311
41.12712	-95.9484	10.56331	-0.36588	2.11083	0.371596	18.82353	145.4	31.59721
41.12711	-95.9485	11.80605	2.875715	0.454273	2.014921	9.803922	145.4	31.00661
41.12708	-95.9485	12.42742	-1.32005	0.819114	0.998308	9.019608	145.4	29.8254
41.12703	-95.9485	11.18468	0.149879	1.088689	2.83334	12.54902	145.4	29.5301
41.127	-95.9486	11.18468	-0.63794	-0.78902	1.340199	12.94118	145.4	29.2348
41.12697	-95.9486	11.18468	-2.23323	3.142121	4.581275	12.94118	145.4	29.2348
41.12693	-95.9486	10.56331	-3.46991	0.880051	5.934626	14.5098	145.4	29.2348
41.12688	-95.9487	9.941939	-1.79554	1.741255	3.705011	14.11765	145.4	29.2348
41.12685	-95.9487	8.077826	0.739051	0.087805	6.06263	11.76471	145.4	29.2348
41.12683	-95.9487	5.592341	1.279828	-0.93953	-1.14614	10.19608	145.4	29.2348
41.12682	-95.9487	6.835083	-1.34966	7.648005	-0.12076	24.31373	145.4	29.2348
41.1268	-95.9486	8.077826	-11.2526	-1.4041	-3.76148	24.31373	145.4	30.7113

41.12677	-95.9486	9.320568	-4.17328	-0.54005	-2.01158	24.31373	145.4	31.89251
41.12678	-95.9485	11.18468	2.258518	2.964208	-2.20411	29.41176	145.4	32.18781
41.12679	-95.9485	14.91291	4.313791	-1.67812	-2.65269	32.94118	145.4	33.66431
41.12679	-95.9484	16.77702	3.522589	0.132766	-1.56043	34.11765	145.4	36.61732
41.12679	-95.9483	19.26251	4.76985	4.065491	-1.5454	33.33333	145.4	36.61732
41.12679	-95.9482	19.26251	2.86126	3.131588	-0.5901	24.31373	145.4	36.61732
41.1268	-95.9481	21.12662	-3.1758	-4.2864	3.832164	0	145.4	30.416
41.12681	-95.948	20.50525	-1.9498	6.117564	7.862339	1.176471	145.4	29.5301
41.12685	-95.9479	19.88388	-6.39086	-2.23184	4.50631	1.568627	145.4	29.2348
41.1269	-95.9477	16.77702	1.24017	-3.70256	2.549707	3.921569	145.4	28.9395
41.12688	-95.9477	14.29154	-8.03115	9.26748	-6.98364	10.58823	145.4	28.9395
41.12685	-95.9476	12.42742	-2.6698	-2.04448	2.180288	12.94118	145.4	29.2348
41.12688	-95.9475	7.456454	-0.13642	0.123112	3.283786	14.90196	145.4	29.2348
41.12686	-95.9476	4.349598	0.022495	-0.80557	-4.15142	12.15686	145.4	29.2348
41.12685	-95.9476	3.728227	-0.37476	-1.65805	3.427024	14.5098	145.4	29.2348
41.12684	-95.9475	1.864114	1.587353	0.663456	-5.13178	14.5098	145.4	29.2348
41.12684	-95.9475	0	1.060997	0.406528	-2.61504	16.47059	145.4	29.2348
41.12685	-95.9475	0	0.688193	0.211502	-2.18623	16.86275	145.4	29.2348
41.12685	-95.9475	0	0.418509	0.169058	-1.5289	16.86275	145.4	29.5301
41.12685	-95.9475	0	0.782114	0.280782	-2.73641	17.2549	145.4	29.5301
41.12686	-95.9475	1.864114	-2.38676	0.165388	-7.54517	22.35294	145.4	29.2348
41.12684	-95.9475	4.349598	-2.67434	1.463748	-4.68161	35.68628	145.4	32.77841
41.12687	-95.9475	9.320568	-4.25547	1.180625	-2.8623	35.68628	145.4	36.02672
41.12687	-95.9474	13.67017	-5.02631	-2.26403	0.841059	27.84314	149	39.57034
41.12694	-95.9474	15.53428	-0.13661	-2.21091	-3.1741	37.64706	149	40.75154
41.127	-95.9474	18.64114	2.929704	1.83585	-0.81855	35.68628	149	42.52334
41.12709	-95.9474	21.74799	1.422059	0.528451	1.885737	32.94118	149	43.70455
41.12719	-95.9474	26.71896	1.178051	-1.15806	1.799584	36.07843	149	45.18105
41.12732	-95.9474	28.58307	0.222857	-1.99283	0.47368	39.21569	149	47.54346
41.12744	-95.9474	31.06856	1.035435	0.471034	-0.31038	37.64706	149	48.72467
41.1276	-95.9474	33.55404	0.542265	0.192807	1.690555	32.54902	149	48.72467
41.12775	-95.9474	36.03953	-0.12231	-2.59738	1.615691	30.19608	149	44.29515
41.1279	-95.9474	36.6609	-1.88159	-1.77295	1.451633	20.78431	149	38.97973
41.12808	-95.9474	37.28227	-1.16508	0.6946	3.221086	10.19608	149	35.14082
41.12825	-95.9474	37.90364	0.544558	4.803303	1.953824	21.17647	149	34.25492
41.1284	-95.9474	37.90364	-0.80388	0.15333	2.228061	5.490196	149	31.89251
41.12854	-95.9474	37.28227	-0.21425	0.420855	1.240856	1.960784	149	31.00661
41.12868	-95.9474	37.28227	0.788841	1.195759	2.055542	7.45098	149	30.7113
41.12882	-95.9474	36.6609	-0.28023	-1.89589	2.741625	12.54902	149	31.00661
41.12897	-95.9474	36.03953	0.151864	0.469981	0.737597	15.29412	149	31.30191
41.1291	-95.9474	36.03953	-0.08794	-0.72299	-0.08688	18.03922	150.8	31.30191
41.12926	-95.9474	34.79679	0.780386	2.887649	-0.77466	19.60784	150.8	31.89251
41.12941	-95.9474	34.79679	0.622862	-2.52073	-0.35122	26.66667	150.8	32.18781
41.12955	-95.9474	34.79679	-2.5922	-2.79354	2.228131	35.68628	150.8	37.79853
41.1297	-95.9475	35.41816	0.000961	0.2772	-0.09563	38.43137	150.8	41.34214
41.12986	-95.9475	35.41816	1.503843	1.877257	-1.02437	38.03922	150.8	42.81865
41.12999	-95.9475	35.41816	-0.43416	2.287546	-4.62245	38.03922	150.8	43.11395

41.13013	-95.9475	35.41816	0.172376	-3.08989	-3.43795	32.15686	150.8	43.40925
41.13028	-95.9475	36.03953	-0.85197	-3.78683	1.188899	30.58824	150.8	41.04684
41.13041	-95.9475	36.03953	1.730792	-3.02275	1.961815	27.84314	150.8	36.91262
41.13055	-95.9474	35.41816	1.630481	-0.41581	0.638521	29.01961	150.8	36.32202
41.1307	-95.9475	36.03953	0.939865	-1.61423	1.486197	31.76471	150.8	37.50323
41.13085	-95.9475	36.03953	0.423114	1.46687	0.455259	31.76471	150.8	38.09383
41.13102	-95.9475	36.6609	1.736327	4.977258	-2.22067	32.15686	150.8	38.68443
41.13116	-95.9475	36.6609	1.364381	-0.00827	-1.30602	32.54902	150.8	38.97973
41.13132	-95.9475	37.28227	-0.70046	-0.32787	1.098786	32.15686	150.8	39.86563
41.13147	-95.9475	38.52501	-0.84903	-2.10263	1.705323	30.19608	150.8	40.16093
41.13164	-95.9475	38.52501	0.558256	3.229225	1.032796	20	150.8	34.25492
41.13179	-95.9474	38.52501	-1.83878	-2.00477	2.81269	19.21569	154.4	32.77841
41.13194	-95.9474	38.52501	2.111695	1.901403	0.614098	7.058824	154.4	31.89251
41.1321	-95.9474	37.90364	2.218247	2.933851	-0.43689	14.5098	154.4	31.30191
41.13223	-95.9473	37.90364	0.539357	1.816996	1.322267	18.43137	154.4	31.59721
41.13237	-95.9473	37.90364	-0.61554	0.160169	1.048502	21.56863	154.4	32.48311
41.13252	-95.9473	37.90364	0.922514	-0.25282	-1.21885	23.13725	154.4	32.77841
41.13267	-95.9472	37.90364	1.65836	1.242032	-0.08911	23.13725	154.4	33.07371
41.13282	-95.9472	37.90364	-1.17307	-2.57698	1.520098	23.52941	154.4	33.07371
41.13293	-95.9472	38.52501	0.27927	0.313456	0.546814	23.13725	154.4	33.07371
41.13309	-95.9471	38.52501	0.51993	2.515741	0.501794	20.39216	154.4	32.77841
41.13321	-95.947	38.52501	-1.10196	-1.03307	0.971027	16.07843	154.4	32.18781
41.13336	-95.9469	38.52501	-2.51168	-1.18794	1.204948	2.352941	154.4	31.30191
41.13349	-95.9468	37.90364	-0.17387	0.336152	2.306644	7.058824	154.4	30.7113
41.13363	-95.9467	37.90364	-0.60497	-1.74035	1.253727	0	154.4	30.7113
41.13377	-95.9467	37.90364	-1.38831	-0.85633	1.118293	0	154.4	29.5301
41.13391	-95.9466	37.28227	-0.46237	-2.41572	0.690097	0	154.4	29.2348
41.13404	-95.9465	37.28227	-0.90811	-1.23873	2.587837	0	154.4	29.2348
41.13419	-95.9464	37.28227	-0.94778	-0.39113	-0.95517	0	158	28.9395
41.13435	-95.9463	36.6609	-0.08443	1.853582	0.99319	0	158	28.9395
41.13449	-95.9463	37.28227	-1.72192	-1.92114	0.384634	0	158	28.6442
41.13462	-95.9462	37.28227	-0.10975	1.187295	1.314732	0	158	28.6442
41.13475	-95.9461	36.03953	0.213917	-0.12616	1.392045	0	158	28.9395
41.13487	-95.946	34.79679	0.094536	-0.62292	-0.53154	0	158	28.9395
41.135	-95.946	34.79679	3.083137	-0.36964	-3.53461	0	158	28.9395
41.13515	-95.9459	34.79679	0.051275	-1.26328	-3.20815	0	158	28.9395
41.1353	-95.9459	34.79679	-0.94303	1.056222	-2.14652	0	158	28.9395
41.13545	-95.9459	34.79679	2.489238	2.226855	-1.22417	0	158	28.9395
41.13559	-95.9458	34.79679	0.482735	0.712802	-0.30227	0	158	28.9395
41.13572	-95.9458	34.17542	0.280086	2.901408	1.085709	0	158	28.6442
41.13588	-95.9458	34.17542	-0.37973	1.546155	-1.17511	0	158	28.6442
41.13605	-95.9458	34.17542	-1.90653	-3.24597	-1.21634	0	158	28.9395
41.13622	-95.9458	34.79679	0.321165	-0.40706	-0.42478	0	158	28.9395
41.13634	-95.9458	34.79679	0.77568	0.603667	0.706594	0	158	28.9395
41.13645	-95.9459	34.79679	-0.40289	-0.52951	-1.3329	0	158	28.9395
41.13659	-95.9459	34.79679	0.366684	-0.84989	-0.53725	0	159.8	28.9395
41.13672	-95.9459	34.79679	1.130279	-2.46166	-1.19736	2.352941	159.8	28.9395

41.13685	-95.9459	34.17542	-0.17137	-2.48764	-0.34898	0	159.8	28.9395
41.137	-95.9459	33.55404	-1.12348	-2.56421	0.252338	0	159.8	28.9395
41.13713	-95.946	33.55404	0.459812	-1.63201	-0.08098	0.392157	159.8	28.9395
41.13724	-95.9461	31.68993	-0.35204	3.581536	0.713765	0.392157	159.8	28.9395
41.13736	-95.9461	31.06856	-0.52758	-3.95716	0.229921	1.176471	159.8	28.9395
41.13745	-95.9462	28.58307	2.893606	-2.10554	1.955689	1.176471	159.8	28.9395
41.13755	-95.9463	24.85485	0.260441	1.258561	0.618535	3.137255	159.8	28.9395
41.13762	-95.9463	20.50525	-0.78293	-0.50069	-0.82036	5.098039	159.8	28.9395
41.13768	-95.9464	18.64114	-1.86828	-5.02716	0.195586	10.98039	159.8	29.2348
41.13775	-95.9464	16.15565	0.45056	0.133843	1.93541	12.54902	159.8	29.2348
41.13781	-95.9464	13.67017	-0.06869	-0.82907	-0.2007	12.15686	159.8	29.2348
41.13784	-95.9464	11.18468	0.223508	1.153726	-0.91646	12.94118	159.8	29.2348
41.13788	-95.9464	8.699197	-1.29941	-1.82515	0.094429	13.33333	159.8	29.2348
41.13791	-95.9465	6.213712	0.844587	0.104057	-1.91782	11.37255	159.8	29.2348
41.13793	-95.9465	3.728227	-0.20916	-0.34102	-1.69137	12.94118	159.8	29.2348
41.13795	-95.9465	3.728227	1.114395	0.958284	-2.50911	13.72549	159.8	29.2348
41.13797	-95.9465	3.728227	0.847159	0.772425	-1.03384	13.33333	159.8	29.2348
41.13798	-95.9465	3.106856	0.247314	0.220581	0.507881	13.72549	159.8	29.2348
41.13799	-95.9465	1.864114	0.20505	0.334103	-0.83164	14.5098	159.8	29.2348
41.138	-95.9465	1.864114	-0.0307	-0.10115	0.436664	14.90196	159.8	29.2348
41.13799	-95.9465	0	0.099948	0.261215	-1.44397	16.07843	159.8	29.2348
41.13799	-95.9465	0	0.120567	0.267642	-0.89528	16.86275	159.8	29.5301
41.13798	-95.9465	0	0.093293	-0.01522	-0.84431	16.47059	159.8	29.5301
41.13798	-95.9465	0	0.075987	0.14399	-0.68754	16.86275	159.8	29.2348
41.13798	-95.9465	0	0.061892	0.122959	-0.50912	16.47059	159.8	29.5301
41.13797	-95.9465	0	0.042347	-0.02156	-0.32616	17.2549	159.8	29.5301
41.13797	-95.9465	0	0.092465	0.151055	-0.34962	16.86275	159.8	29.5301
41.13797	-95.9465	0	0.020088	0.076362	-0.27877	17.2549	159.8	29.5301
41.13797	-95.9465	0	0.015544	0.002218	-0.21287	16.86275	159.8	29.5301
41.13798	-95.9465	0	0.009184	0.061556	-0.22967	16.86275	159.8	29.5301
41.13798	-95.9465	0	0.007481	-0.00374	-0.07902	16.47059	159.8	29.2348
41.13798	-95.9465	0	0.005639	-0.01383	-0.05589	17.2549	159.8	29.5301
41.13798	-95.9465	0	0.061367	0.046024	-0.09414	17.2549	159.8	29.5301
41.13798	-95.9465	0	-0.0012	0.046143	0.031369	17.2549	159.8	29.5301
41.13798	-95.9465	0	0.001908	-0.08071	-0.08405	17.2549	159.8	29.5301
41.13798	-95.9465	0	0.061181	-0.01936	-0.1165	16.86275	159.8	29.5301
41.13798	-95.9465	0	-0.00412	-0.0805	-0.10677	16.47059	159.8	29.5301
41.13798	-95.9465	0	0.056653	0.103173	-0.03952	16.86275	159.8	29.5301
41.13798	-95.9465	0	-0.00788	-0.08087	0.027361	16.47059	159.8	29.5301
41.13798	-95.9465	0	-0.00358	-0.01738	0.033785	16.86275	159.8	29.5301
41.13798	-95.9465	0	0.056794	0.103107	-0.0283	17.2549	159.8	29.5301
41.13798	-95.9465	0	-0.00212	-0.01192	-0.01921	17.2549	159.8	29.5301
41.13798	-95.9465	0	-0.00442	-0.00658	-0.01863	17.64706	159.8	29.5301
41.13798	-95.9465	0	-0.00598	0.114301	0.036478	18.03922	159.8	29.5301
41.13798	-95.9465	0	-0.00785	-0.01225	0.032547	17.64706	159.8	29.5301
41.13798	-95.9465	0	-0.00906	-0.01488	-0.08285	17.64706	159.8	29.5301
41.13798	-95.9465	0	-0.00701	0.051038	-0.08625	16.86275	159.8	29.5301

41.13798	-95.9465	0	0.054421	-0.07111	0.038604	18.82353	159.8	29.5301
41.13798	-95.9465	0	-0.0665	0.042654	-0.084	18.03922	159.8	29.5301
41.13798	-95.9465	0	-0.00327	-0.01644	-0.0144	18.82353	159.8	29.5301
41.13798	-95.9465	0	-0.00807	0.044267	-0.07382	17.64706	159.8	29.5301
41.13798	-95.9465	0	0.19066	0.304934	-0.99365	17.64706	159.8	29.5301
41.13798	-95.9465	0	0.096062	-0.02959	-0.66986	17.2549	159.8	29.2348
41.13798	-95.9465	1.864114	0.287241	0.14642	0.651168	15.68627	159.8	29.5301
41.13798	-95.9465	1.864114	-0.10686	-0.25005	1.387283	16.47059	159.8	29.5301
41.13798	-95.9465	1.864114	-0.35166	-0.19006	1.291174	16.86275	159.8	29.2348
41.13798	-95.9465	0	0.164711	-0.32077	-1.01231	18.03922	159.8	29.5301
41.13798	-95.9465	0	-0.03573	0.141373	-0.119	18.43137	159.8	29.5301
41.13798	-95.9465	0	0.019239	0.012491	-0.32138	18.82353	159.8	29.5301
41.13798	-95.9465	0	0.063511	0.066655	-0.2087	18.82353	159.8	29.5301
41.13798	-95.9465	0	0.057409	0.003257	-0.11342	19.21569	159.8	29.5301
41.13798	-95.9465	0	-0.00946	-0.06854	-0.08521	18.43137	159.8	29.5301
41.13798	-95.9465	0	-0.01555	0.052591	-0.17737	19.21569	159.8	29.5301
41.13798	-95.9465	0	-0.02042	-0.00806	-0.03431	18.43137	159.8	29.5301
41.13798	-95.9465	0	-0.01551	-0.01434	-0.07518	18.82353	159.8	29.5301
41.13798	-95.9465	0	0.042299	0.049029	-0.12908	19.21569	159.8	29.5301
41.13798	-95.9465	0	-0.01589	-0.01083	0.065011	19.21569	159.8	29.5301
41.13798	-95.9465	0	-0.01593	-0.07121	0.010574	18.82353	159.8	29.5301
41.13858	-95.9472	21.12662	3.883347	0.551614	-1.24046	37.64706	161.6	33.66431
41.1385	-95.9473	24.23348	3.722957	-0.39826	-0.95389	46.66667	161.6	44.29515
41.13842	-95.9474	26.71896	3.092401	0.694624	-1.06807	48.62745	161.6	51.08707
41.13839	-95.9475	28.58307	2.73143	-0.55981	-0.32407	47.05882	161.6	54.63068
41.13839	-95.9477	30.44719	2.256804	0.280515	-0.12803	44.70588	161.6	56.40249
41.13839	-95.9479	32.31113	1.320145	0.893942	0.056373	43.92157	163.4	56.99309
41.1384	-95.948	35.41816	0.756529	-0.70697	-0.23011	43.13726	163.4	58.4696
41.13838	-95.9482	37.90364	0.377095	-0.13316	-0.13257	42.7451	163.4	59.0602
41.13835	-95.9485	39.14639	0.401515	-0.59991	0.314797	42.35294	163.4	60.24141
41.13832	-95.9487	41.0105	0.777851	1.446587	0.341584	41.56863	163.4	59.9461
41.13831	-95.9489	41.63187	0.039412	0.084162	0.543042	48.62745	163.4	59.3555
41.13828	-95.9491	42.87461	0.012955	-0.43853	1.57676	47.45098	163.4	59.3555
41.13826	-95.9493	44.11736	0.323514	0.26872	0.161764	47.05882	163.4	59.9461
41.13823	-95.9496	45.98147	-0.32852	-0.97475	-0.52057	46.27451	163.4	60.53671
41.13818	-95.9498	47.22421	0.1571	-0.37371	0.615606	46.27451	163.4	61.42261
41.13813	-95.9501	48.46695	0.314939	0.796719	0.621591	45.4902	163.4	61.42261
41.13811	-95.9503	49.70969	-0.22252	0.432465	0.546244	44.31372	163.4	62.60381
41.13808	-95.9506	50.33107	-0.12496	0.368859	0.165752	43.92157	163.4	62.60381
41.13805	-95.9509	51.57381	0.62064	0.255334	0.333279	42.35294	163.4	63.19441
41.13802	-95.9511	52.81655	0.666892	-1.11468	-0.99327	49.80392	163.4	62.01321
41.13797	-95.9514	54.68066	0.03612	-0.52802	0.80807	45.4902	163.4	52.85888
41.13793	-95.9517	55.30204	-0.01997	-0.91475	0.250082	37.2549	163.4	48.72467
41.13789	-95.952	55.30204	-0.26768	-0.43246	0.604109	35.68628	163.4	43.70455
41.13784	-95.9524	55.92341	-0.46762	-1.1175	0.511257	35.29412	170.6	43.70455
41.13781	-95.9526	56.54478	0.411834	-0.17156	0.578365	33.72549	170.6	43.40925
41.13777	-95.9529	57.16615	0.052951	-1.41303	-0.18026	33.72549	170.6	43.40925

41.13774	-95.9532	57.16615	1.30226	1.268144	0.288251	33.72549	170.6	43.99985
41.13773	-95.9535	57.78752	0.641031	0.57442	0.321777	31.76471	170.6	43.11395
41.13771	-95.9538	57.78752	0.367159	-0.2535	1.946998	19.21569	170.6	40.75154
41.1377	-95.9541	57.78752	-0.07164	1.725415	-1.09244	20	170.6	37.50323
41.13766	-95.9544	57.16615	-0.67744	-0.24974	0.260538	23.92157	170.6	36.91262
41.13763	-95.9547	57.16615	0.005607	-1.02472	-1.44539	27.45098	170.6	38.38913
41.13762	-95.9551	57.16615	-0.15361	0.152671	0.078746	26.66667	170.6	40.45624
41.1376	-95.9554	57.16615	-0.05391	0.820413	-1.14	24.70588	170.6	40.75154
41.13761	-95.9557	57.16615	0.548559	-1.8522	0.145981	24.31373	170.6	38.68443
41.1376	-95.956	57.16615	-1.22938	-0.612	0.036736	19.60784	170.6	37.20793
41.13759	-95.9563	56.54478	-0.84654	0.222695	0.251552	20.39216	170.6	36.91262
41.1376	-95.9566	55.92341	-0.31125	0.233491	-0.43912	21.96078	170.6	36.61732
41.13765	-95.9569	55.92341	0.583611	1.534344	0.509948	23.52941	170.6	37.50323
41.13762	-95.9572	55.92341	-0.59523	-2.87862	1.168867	27.45098	170.6	38.09383
41.13763	-95.9575	55.92341	0.718405	1.111574	0.594982	27.45098	174.2	38.97973
41.13763	-95.9578	55.92341	0.027699	0.916044	0.446653	27.84314	174.2	39.86563
41.13765	-95.9581	56.54478	-0.00223	1.176586	-0.14962	27.84314	174.2	40.16093
41.13767	-95.9584	56.54478	-0.58119	-1.48455	-0.17844	27.84314	174.2	40.75154
41.1377	-95.9587	56.54478	-0.10637	-0.23871	-0.33867	27.84314	174.2	40.45624
41.13774	-95.959	56.54478	-0.34826	0.474726	-0.02535	27.84314	174.2	40.45624
41.13778	-95.9593	57.16615	-0.41852	0.725923	-0.11464	28.62745	174.2	41.34214
41.13781	-95.9596	57.16615	-0.28578	-0.8224	-0.36581	27.84314	174.2	41.63744
41.13787	-95.9599	57.16615	0.258655	1.075736	0.082212	27.84314	174.2	41.93274
41.13792	-95.9602	57.78752	0.540296	0.239937	-0.95561	27.45098	174.2	41.63744
41.13796	-95.9605	57.78752	-0.54191	-0.80939	-0.13364	27.05882	174.2	42.22804
41.138	-95.9608	57.78752	0.657887	1.00578	0.037075	26.66667	174.2	41.93274
41.13806	-95.9611	57.78752	0.427042	-0.00846	-0.15909	27.45098	174.2	42.22804
41.13808	-95.9614	57.78752	-0.72542	0.084875	-0.65977	29.41176	174.2	41.93274
41.13811	-95.9617	57.78752	-0.25958	0.225449	-1.54124	34.11765	174.2	42.52334
41.1382	-95.962	57.78752	-0.41836	-2.0781	-0.66522	30.19608	174.2	44.29515
41.13827	-95.9623	57.16615	-1.40544	-2.41161	0.560936	24.31373	174.2	41.04684
41.13837	-95.9626	56.54478	-0.5457	-1.31842	1.262672	18.82353	174.2	39.27503
41.13844	-95.9629	55.92341	0.018302	1.277387	0.678801	18.82353	177.8	36.61732
41.13852	-95.9632	54.68066	-0.78969	0.408164	1.13933	18.43137	177.8	36.02672
41.13854	-95.9634	54.05929	0.080258	-0.586	0.986018	12.54902	177.8	35.43612
41.13862	-95.9637	51.57381	-0.64425	-0.90938	1.838786	0	177.8	31.89251
41.1387	-95.964	50.33107	-0.74918	1.120676	2.403948	0	177.8	31.30191
41.13878	-95.9643	49.08833	-0.43195	-1.27403	2.719301	0	177.8	31.00661
41.13881	-95.9645	47.22421	0.58915	-0.58219	1.591245	0	177.8	31.00661
41.13881	-95.9647	44.11736	2.073935	-0.90938	1.238769	0	177.8	30.416
41.13886	-95.9649	39.76776	0.180816	-0.58173	1.292331	0	177.8	30.1207
41.13892	-95.9652	37.90364	-1.73147	-0.02045	1.683509	0	177.8	29.8254
41.13897	-95.9653	34.79679	-0.94363	1.327407	1.740896	0	177.8	29.5301
41.13902	-95.9656	32.3113	0.009768	0.841216	0.897526	0.392157	177.8	29.2348
41.13904	-95.9657	29.20445	-0.75719	1.129176	1.000819	2.352941	177.8	29.2348
41.13908	-95.9658	23.6121	-0.06115	-1.37378	-0.40275	1.568627	177.8	28.9395
41.13909	-95.9659	21.74799	-0.32363	0.511384	-0.12268	5.098039	177.8	28.9395

41.13908	-95.966	19.88388	0.25065	0.237763	0.21533	13.72549	177.8	29.2348
41.13908	-95.9661	17.39839	-0.60141	-0.38927	1.722671	14.90196	179.6	29.2348
41.13909	-95.9661	14.29154	-0.07582	-0.87851	-0.79152	13.33333	179.6	29.2348
41.13911	-95.9662	9.941939	0.182009	0.150816	-0.06734	14.90196	179.6	29.2348
41.13914	-95.9662	8.077826	0.142308	0.085911	-1.51847	15.29412	179.6	29.5301
41.13916	-95.9662	6.835083	0.784289	0.496616	-2.6275	4.705883	179.6	29.2348
41.13918	-95.9663	6.835083	0.666885	0.56235	-4.94798	20.78431	179.6	29.2348
41.13918	-95.9663	8.699197	0.633204	1.033119	-5.9215	32.54902	179.6	32.48311
41.13919	-95.9664	13.04879	0.529947	0.247323	-4.49263	32.15686	179.6	37.20793
41.13921	-95.9664	15.53428	0.278847	0.593329	-2.39281	30.19608	179.6	38.97973
41.13923	-95.9665	19.26251	0.03819	-0.22366	-1.22509	29.80392	179.6	37.79853
41.13926	-95.9666	21.12662	-0.11532	-0.13409	-0.75386	29.41176	179.6	37.50323
41.13929	-95.9667	22.36936	0.332355	1.078192	-0.52201	28.62745	179.6	38.38913
41.13931	-95.9669	24.23348	0.5894	0.033122	-1.06154	37.2549	179.6	40.16093
41.13936	-95.967	25.47622	-0.17925	-1.74807	-0.53147	37.64706	179.6	41.34214
41.13939	-95.9671	29.20445	0.084059	-0.04837	-0.31481	37.2549	179.6	43.11395
41.13943	-95.9673	31.06856	0.464064	0.171576	0.165609	36.47059	179.6	44.88575
41.13948	-95.9675	32.93267	0.071539	-0.18134	-0.60653	35.29412	179.6	46.06696
41.13952	-95.9676	34.79679	-0.51778	0.3354	0.64273	35.29412	179.6	46.06696
41.13955	-95.9678	36.03953	-0.88532	-0.70319	-0.55012	35.29412	179.6	47.54346
41.13958	-95.968	37.90364	0.502258	0.230602	0.472364	34.11765	179.6	48.42936
41.13963	-95.9682	39.14639	-0.3451	0.161618	1.353595	38.03922	179.6	48.42936
41.13968	-95.9684	41.0105	0.3215	0.156009	-0.2334	38.03922	179.6	48.72467
41.13972	-95.9686	43.49598	0.128187	0.026728	0.39891	36.47059	179.6	48.13406
41.13978	-95.9688	44.73873	-0.05254	-0.51597	-1.21312	34.90196	179.6	46.06696
41.13985	-95.969	45.98147	0.280386	0.085002	1.437929	41.17647	179.6	39.57034
41.13992	-95.9693	47.22421	-0.17107	-0.17515	0.838105	30.19608	179.6	37.79853
41.13997	-95.9695	47.84558	-0.65129	-0.42412	-0.10149	28.62745	179.6	36.61732
41.14003	-95.9697	47.84558	-0.41992	-1.01696	2.440329	7.058824	179.6	36.02672
41.14006	-95.97	47.84558	-0.35187	-0.96185	2.351796	0	179.6	31.59721
41.1401	-95.9703	47.22421	-0.44315	-0.08669	1.732428	0	179.6	31.00661
41.14013	-95.9705	47.22421	-0.81151	0.223898	0.4164	2.352941	179.6	31.00661
41.14017	-95.9707	47.22421	-0.21662	1.460943	0.158723	0.392157	179.6	31.59721
41.14017	-95.971	46.60284	-0.40717	2.110005	0.977571	0	179.6	30.7113
41.14018	-95.9712	46.60284	-0.10577	-0.07855	0.37167	0	179.6	30.416
41.14019	-95.9715	45.98147	0.121022	0.70156	1.116298	0	185	30.416
41.14021	-95.9717	45.3601	-0.08774	0.911799	-0.12155	0	185	30.416
41.14021	-95.972	44.73873	0.337278	-0.34926	0.249992	0	185	30.416
41.14019	-95.9722	44.11736	0.053712	0.225256	0.942266	0	185	30.1207
41.14021	-95.9724	43.49598	2.844681	0.306496	0.070657	0	185	30.1207
41.14021	-95.9727	41.63187	-1.13882	-0.75584	-1.9896	0	185	30.1207
41.14021	-95.9729	40.38913	0.623573	0.3469	3.443906	0	185	30.1207
41.1402	-95.9731	38.52501	-0.36351	-1.92956	1.343414	0	185	30.1207
41.1402	-95.9733	36.6609	-0.02274	2.161538	2.541478	0	185	29.5301
41.14021	-95.9735	34.17542	-2.85229	-3.12863	0.49388	0	185	29.2348
41.14021	-95.9737	31.68993	0.593558	-0.303	-2.57707	0	185	29.2348
41.1402	-95.9738	29.82582	0.563669	-0.42144	-1.45747	0	185	28.9395

41.14021	-95.974	27.34033	-0.38785	-1.09789	-0.92455	0.392157	185	29.2348
41.14022	-95.9741	25.47622	0.087357	0.745478	-0.92733	0.784314	185	28.9395
41.14022	-95.9743	23.6121	0.418528	-0.67697	-2.24499	3.137255	185	29.2348
41.14021	-95.9744	22.99073	0.829825	1.227372	-1.42168	3.137255	185	29.2348
41.1402	-95.9745	22.36936	-0.39845	1.35903	-1.82712	11.37255	185	29.2348
41.14021	-95.9746	21.74799	-0.33337	-0.42308	-0.93065	8.627451	185	29.2348
41.14021	-95.9747	20.50525	0.039156	0.455612	-0.91987	9.019608	185	29.2348
41.14021	-95.9748	19.88388	0.043588	-1.47982	-0.31441	10.98039	185	29.2348
41.14023	-95.9749	19.26251	-0.25465	0.195768	1.580278	13.72549	185	29.2348
41.14025	-95.975	15.53428	-0.57711	0.140504	1.482027	13.72549	185	29.2348
41.14024	-95.9751	13.67017	0.069277	0.188766	-1.01374	11.37255	185	29.2348
41.14023	-95.9751	13.04879	-0.50726	0.198052	-0.61816	12.15686	185	29.2348
41.14024	-95.9752	12.42742	0.280918	1.293758	-3.01309	26.66667	185	29.5301
41.14022	-95.9753	13.04879	0.056307	-0.05315	-1.8861	34.90196	185	31.00661
41.14022	-95.9754	15.53428	0.639229	0.402496	-3.92774	39.60784	185	34.25492
41.14022	-95.9755	17.39839	0.241241	0.036945	-3.49433	41.96078	185	42.52334
41.14021	-95.9756	20.50525	-0.06131	0.268425	-2.89622	43.92157	185	50.20117
41.14021	-95.9757	22.36936	0.19584	-0.32283	-1.89471	41.96078	185	54.63068
41.14026	-95.9758	27.34033	-0.31466	-0.04581	-0.54646	40.39216	185	58.4696
41.14025	-95.976	29.82582	-0.02492	-0.25274	-0.30428	45.09804	185	58.4696
41.14026	-95.9761	31.06856	-0.10109	-0.48088	2.311316	43.13726	185	57.58369
41.14027	-95.9763	32.93267	-0.50168	-0.11012	-0.2786	42.7451	185	58.1743
41.14028	-95.9765	34.17542	-0.48422	-0.09594	0.068201	41.17647	185	57.879
41.14025	-95.9767	36.03953	0.00255	0.614051	0.198681	40.39216	185	58.4696
41.14026	-95.9769	37.28227	-0.65633	0.417248	0.013374	40	185	58.7649
41.14028	-95.9771	39.76776	-0.21994	-1.57695	0.838553	39.60784	185	59.0602
41.14027	-95.9773	39.76776	0.06551	-0.16338	0.117807	45.88235	185	58.1743
41.14027	-95.9775	41.63187	0.351039	0.001469	-0.75647	47.05882	185	59.9461
41.14025	-95.9778	42.87461	-0.2784	-1.64996	0.036124	48.23529	185	62.60381
41.14026	-95.978	44.11736	0.286042	0.209706	-0.83621	47.05882	185	63.78502
41.14028	-95.9782	45.3601	0.457874	0.231918	-0.43577	46.27451	185	63.78502
41.14025	-95.9785	46.60284	-0.65076	-0.69441	0.930122	38.03922	185	60.832
41.14025	-95.9788	46.60284	0.090413	1.124346	1.014799	59.60784	185	54.92599
41.14026	-95.979	48.46695	0.213355	0.012316	-0.17173	52.15686	185	47.54346
41.14025	-95.9793	48.46695	0.763487	0.498542	0.145238	40.78431	185	41.93274
41.14028	-95.9795	48.46695	-0.69115	-0.71548	0.911943	32.54902	185	38.38913
41.14027	-95.9798	48.46695	-0.73289	-1.50513	1.267196	27.45098	185	36.61732
41.14029	-95.98	48.46695	-0.79726	-0.11825	0.67634	27.84314	185	36.02672
41.14029	-95.9803	47.84558	-0.24731	-0.70805	-0.07128	26.66667	185	35.73142
41.1403	-95.9805	47.84558	-0.72857	0.20665	1.435764	26.27451	185	35.43612
41.14028	-95.9808	47.84558	-0.8621	-1.31975	-0.69924	26.27451	188.6	35.14082
41.14028	-95.981	47.22421	-0.45756	0.264712	0.326536	24.31373	188.6	34.84552
41.14025	-95.9813	47.22421	0.652293	0.756484	0.066111	25.4902	188.6	34.55022
41.14027	-95.9816	46.60284	-0.02979	0.280875	-0.70359	26.27451	188.6	34.84552
41.14027	-95.9818	47.22421	-0.67809	0.187475	0.844594	26.27451	188.6	34.25492
41.14029	-95.9821	46.60284	-0.21627	-0.53528	1.525703	21.17647	188.6	33.95961
41.14029	-95.9823	46.60284	0.613327	-0.80778	-1.32668	25.09804	188.6	34.55022

41.1403	-95.9826	46.60284	-0.15404	0.091672	-1.98242	42.7451	188.6	36.32202
41.14028	-95.9828	47.22421	-0.93731	-1.31561	-0.802	41.17647	188.6	38.09383
41.14027	-95.9831	48.46695	0.709246	-0.592	0.328245	35.68628	188.6	38.97973
41.1403	-95.9833	48.46695	-0.14831	0.772042	0.890984	28.23529	188.6	38.68443
41.1403	-95.9836	48.46695	-0.30555	-0.0776	0.244305	27.84314	188.6	36.02672
41.14029	-95.9838	48.46695	-1.20713	-0.12666	1.170664	24.31373	188.6	35.14082
41.1403	-95.9841	47.84558	-0.41484	-1.20017	-0.15812	13.72549	188.6	33.66431
41.1403	-95.9843	47.22421	-0.01942	-1.5217	0.600044	15.68627	188.6	33.66431
41.14029	-95.9846	47.22421	-0.11591	1.490818	2.040738	17.2549	188.6	33.36901
41.14028	-95.9849	47.22421	-0.01452	-1.33663	-0.42722	17.64706	188.6	33.66431
41.14027	-95.9851	46.60284	-0.23077	0.54393	0.237585	18.82353	188.6	33.66431
41.14027	-95.9853	46.60284	0.056859	0.183187	-0.10104	19.21569	190.4	33.36901
41.14028	-95.9856	46.60284	0.296563	0.17735	0.891357	17.2549	190.4	33.36901
41.1403	-95.9858	45.98147	0.864772	-0.02664	-0.12714	17.2549	190.4	33.07371
41.14027	-95.9861	45.98147	-0.12318	-0.33653	-0.23517	18.03922	190.4	33.07371
41.14024	-95.9863	45.98147	-0.20464	0.780766	0.536093	27.45098	190.4	33.36901
41.14023	-95.9866	45.98147	0.162235	0.587297	-0.25581	32.54902	190.4	34.25492
41.14021	-95.9868	46.60284	0.740983	-2.09809	-0.75667	34.5098	190.4	36.02672
41.14022	-95.9871	47.84558	-0.18304	-0.79318	-1.11582	34.11765	190.4	36.91262
41.14025	-95.9873	48.46695	-0.09196	0.532573	-0.69035	33.72549	190.4	37.50323
41.14024	-95.9876	49.08833	-0.90219	-1.39281	0.155427	33.33333	190.4	38.09383
41.14023	-95.9878	49.70969	-0.175	-0.40313	-0.08817	34.11765	190.4	38.68443
41.14021	-95.9881	50.33107	-0.32969	0.135794	-0.32046	33.72549	190.4	38.97973
41.1402	-95.9884	50.95244	-0.21994	-1.33238	0.182284	32.94118	190.4	39.27503
41.14019	-95.9886	51.57381	-0.54472	0.368371	0.016504	32.15686	190.4	38.97973
41.14014	-95.9889	51.57381	-0.69605	0.475894	0.860135	31.76471	190.4	38.68443
41.14014	-95.9892	51.57381	-0.19244	-0.37101	1.371772	27.45098	190.4	37.50323
41.14014	-95.9895	51.57381	0.278712	-0.492	-1.29675	25.88235	190.4	36.61732
41.14012	-95.9898	51.57381	-0.2196	-0.44822	0.168584	26.66667	190.4	36.32202
41.1401	-95.9901	51.57381	0.909228	0.101027	-0.91016	27.84314	188.6	36.61732
41.1401	-95.9903	52.19518	-0.00172	-0.27777	-0.3568	28.62745	188.6	37.20793
41.14008	-95.9906	51.57381	-0.20424	0.996497	0.010353	28.62745	188.6	37.50323
41.14009	-95.9909	52.19518	-0.19527	0.975651	-0.43301	28.62745	188.6	37.50323
41.14009	-95.9912	51.57381	-0.30966	0.383492	-1.87846	30.98039	188.6	38.68443
41.14008	-95.9914	52.19518	1.01504	0.494233	-1.08274	34.90196	188.6	39.86563
41.1401	-95.9917	51.57381	-0.28043	0.075922	0.681135	27.05882	188.6	36.91262
41.14009	-95.992	51.57381	0.265205	2.458487	-0.03246	22.7451	188.6	36.02672
41.14014	-95.9923	51.57381	0.588215	0.333765	-0.28397	34.11765	188.6	38.38913
41.14011	-95.9925	51.57381	-0.48676	0.669631	0.300098	39.60784	188.6	40.45624
41.14011	-95.9928	52.19518	-0.00931	-0.46768	-0.05831	39.60784	188.6	41.63744
41.14008	-95.9931	52.19518	0.866564	0.016681	-0.00611	37.64706	188.6	41.34214
41.14007	-95.9934	52.81655	-0.04894	-0.46838	1.154125	29.80392	188.6	40.75154
41.14005	-95.9936	52.81655	0.375491	1.346259	0.039562	29.80392	188.6	39.57034
41.14002	-95.9939	52.81655	-0.58187	0.195492	-0.03664	32.94118	188.6	39.27503
41.14	-95.9942	52.81655	-0.07134	-1.18517	0.980312	21.56863	188.6	39.86563
41.14	-95.9945	52.19518	-0.52352	0.248463	1.609249	20.39216	188.6	36.61732
41.13997	-95.9947	52.19518	0.790757	0.490986	-0.77133	24.70588	188.6	36.02672

41.13998	-95.995	51.57381	-0.34472	0.692617	0.817022	27.84314	188.6	36.61732
41.13997	-95.9952	50.95244	-0.43701	0.459842	0.161495	27.45098	186.8	36.61732
41.13993	-95.9955	50.95244	0.89572	-0.33195	-1.75882	30.19608	186.8	36.61732
41.13992	-95.9958	51.57381	-0.52683	-0.30009	0.754012	33.33333	186.8	38.97973
41.1399	-95.9961	51.57381	0.1322	0.684108	-0.20498	34.11765	186.8	39.57034
41.1399	-95.9964	52.19518	-0.0506	0.386012	-0.03626	31.76471	186.8	39.57034
41.13987	-95.9967	52.19518	0.20807	-0.0193	-0.44148	26.27451	186.8	39.27503
41.13984	-95.997	52.19518	-0.65305	0.913607	1.458255	20.39216	186.8	35.73142
41.13982	-95.9972	52.19518	0.62574	-0.43353	0.335051	17.64706	186.8	34.55022
41.13983	-95.9975	51.57381	-0.41957	0.236833	0.44859	5.882353	186.8	33.66431
41.1398	-95.9977	50.33107	0.418532	-0.39179	-0.17576	8.627451	186.8	33.07371
41.13978	-95.998	50.95244	-0.25223	-0.17267	0.039172	10.58823	186.8	33.07371
41.13976	-95.9983	50.95244	0.283161	-0.05354	-0.21807	5.882353	186.8	32.77841
41.13976	-95.9985	50.33107	-0.10528	-0.7854	-0.73976	10.19608	186.8	32.77841
41.13972	-95.9988	50.33107	-0.53996	0.219129	0.915484	12.15686	186.8	33.07371
41.13972	-95.999	50.33107	0.461688	-0.44336	-0.85448	16.07843	186.8	33.07371
41.1397	-95.9993	50.33107	-0.12916	0.995341	-0.33233	16.86275	186.8	33.66431
41.13966	-95.9996	50.33107	-0.77031	-0.01795	1.524265	18.82353	186.8	33.95961
41.13966	-95.9998	50.95244	0.677871	-0.27036	-0.08561	18.82353	186.8	33.95961
41.13964	-96.0001	51.57381	-0.13449	-0.80319	-1.26037	23.52941	185	33.95961
41.1396	-96.0004	51.57381	-0.36613	-0.10482	-0.05913	25.09804	185	35.43612
41.13955	-96.0007	52.19518	0.565849	0.619011	-1.00575	24.70588	185	35.73142
41.13951	-96.001	52.81655	0.363936	-0.99743	-0.35877	23.13725	185	35.73142
41.13947	-96.0012	53.43792	-0.19806	0.464971	0.526979	19.21569	185	35.43612
41.13947	-96.0015	54.05929	-0.55389	0.220834	1.470198	18.82353	185	35.14082
41.13943	-96.0018	54.05929	-0.28825	-0.83558	0.276326	5.882353	185	33.95961
41.1394	-96.0021	54.68066	-0.11836	-0.16098	-0.30497	2.352941	185	33.36901
41.13935	-96.0024	54.68066	-0.76498	-1.21765	1.603615	3.137255	185	33.36901
41.13931	-96.0027	54.68066	0.44256	1.515703	0.158861	5.882353	185	33.36901
41.13928	-96.0029	55.30204	-0.64286	-1.44319	0.800397	6.27451	185	33.66431
41.13924	-96.0032	55.30204	-0.19672	1.613474	-0.0387	1.568627	185	33.66431
41.13919	-96.0036	55.30204	-0.99333	-0.06259	1.759629	0	185	32.48311
41.13916	-96.0038	54.68066	0.657502	-0.32322	0.558891	0	185	31.89251
41.13912	-96.0042	54.68066	-0.39242	0.45583	-1.55216	0	185	31.59721
41.13908	-96.0044	54.68066	-0.67276	-0.06341	2.175797	0	185	31.89251
41.13904	-96.0047	54.68066	0.188289	-1.09961	-0.96456	7.058824	185	32.48311
41.13899	-96.005	54.68066	0.031638	1.917894	0.744824	12.54902	185	33.36901
41.13895	-96.0053	55.30204	0.199703	0.81286	-0.37403	19.21569	185	33.95961
41.13892	-96.0056	55.92341	0.008767	-1.20035	-1.86773	24.70588	185	36.61732
41.13886	-96.0059	56.54478	0.235809	0.68895	-1.48107	29.80392	185	38.68443
41.13883	-96.0062	57.16615	0.237597	0.028132	-2.00351	28.62745	185	40.45624
41.13882	-96.0064	57.78752	0.225082	1.882051	-0.71945	28.23529	185	41.34214
41.13878	-96.0067	58.40889	0.41228	-0.86487	-0.19714	28.23529	185	41.34214
41.13872	-96.007	58.40889	0.131018	-0.61091	-0.81881	26.27451	185	41.63744
41.13867	-96.0073	59.03026	0.619945	0.640567	-0.9223	25.4902	185	41.34214
41.13859	-96.0077	59.03026	0.435626	-0.90663	0.630885	24.70588	185	41.04684
41.13853	-96.008	59.03026	0.097133	0.397195	-1.34166	24.70588	185	40.75154

41.13847	-96.0083	59.03026	-0.42712	-0.56696	-1.08269	26.66667	185	41.04684
41.13842	-96.0086	59.03026	0.122872	-0.56957	-0.47247	26.27451	185	41.63744
41.13837	-96.0089	59.03026	0.628576	0.718728	0.205893	26.27451	185	42.22804
41.13833	-96.0092	59.03026	0.537924	-1.70884	-0.29457	26.66667	185	42.22804
41.13828	-96.0095	59.03026	-0.06171	0.285224	-0.2806	25.88235	185	41.63744
41.13822	-96.0098	59.03026	0.736418	-0.41677	-0.08237	24.70588	185	39.86563
41.13817	-96.0101	58.40889	-0.35548	-0.39549	1.378801	19.21569	185	37.79853
41.13812	-96.0104	57.16615	0.426007	-0.29085	0.696665	19.21569	185	36.61732
41.13931	-96.0141	38.52501	-1.00063	-1.51129	1.971138	0	186.8	29.2348
41.1395	-96.014	38.52501	0.60261	0.594906	1.200353	0	186.8	28.9395
41.13971	-96.0141	38.52501	-0.44025	-0.95334	-0.73703	0	186.8	28.9395
41.13985	-96.014	37.90364	-0.32146	-0.98796	-0.01305	0	186.8	28.9395
41.14004	-96.0141	37.90364	-0.78617	-0.49399	0.842846	0	186.8	28.9395
41.14019	-96.0142	37.28227	-0.5046	1.506976	3.45941	0	186.8	28.9395
41.14037	-96.0142	37.28227	-1.57442	-2.77033	0.577896	0	186.8	28.9395
41.14053	-96.0142	37.28227	0.03248	0.351629	-1.06543	0	186.8	28.9395
41.14068	-96.0141	37.28227	-0.03494	1.636875	0.370675	0	186.8	28.9395
41.14083	-96.0141	36.6609	0.481483	0.210179	-0.83753	0	186.8	28.9395
41.14098	-96.0141	36.6609	0.514197	-1.30149	-0.66957	0	186.8	28.9395
41.14112	-96.0141	36.6609	0.27866	1.882863	-0.1509	0	186.8	28.9395
41.14128	-96.0141	37.28227	0.456521	-1.10666	-0.54898	0	186.8	28.9395
41.14144	-96.0141	37.28227	0.293115	-0.52873	-0.14437	0	186.8	28.9395
41.14158	-96.0141	37.90364	0.993257	-0.98984	-0.80964	0	186.8	28.9395
41.14174	-96.0141	37.90364	-0.37705	2.299847	0.237933	0	186.8	28.6442
41.14189	-96.0141	37.90364	-0.42785	1.277856	1.460954	0	186.8	28.9395
41.14205	-96.0141	37.28227	0.975192	1.285962	0.588973	0	186.8	28.9395
41.1422	-96.0141	37.28227	0.101548	0.619761	2.47651	0	186.8	28.9395
41.14233	-96.0141	35.41816	2.030596	-0.06699	-1.67153	0	186.8	28.9395
41.14246	-96.0141	33.55404	-0.90124	1.232773	0.122037	0	186.8	29.2348
41.1426	-96.0141	31.06856	-3.13862	0.912563	-0.2311	0.784314	186.8	28.9395
41.14273	-96.0141	29.82582	-3.8171	-0.48938	-2.08954	0	186.8	28.9395
41.14288	-96.0141	29.82582	1.382725	0.591651	-1.31684	0.392157	186.8	28.9395
41.14299	-96.0142	28.58307	3.479374	-2.94514	-1.3474	0.784314	186.8	29.2348
41.14311	-96.0142	27.34033	3.598826	0.198578	2.893189	1.960784	186.8	29.2348
41.1432	-96.0142	25.47622	3.408371	-0.28228	2.683396	3.529412	186.8	28.9395
41.14327	-96.0142	20.50525	-0.38236	-0.79855	5.070388	7.843137	186.8	28.9395
41.14332	-96.0142	16.77702	-0.66619	-0.30957	2.71683	14.11765	186.8	29.2348
41.14338	-96.0142	13.67017	-1.3402	-0.92252	1.806823	15.29412	186.8	29.5301
41.1434	-96.0142	10.56331	0.354536	1.942962	0.434313	15.68627	186.8	29.5301
41.14344	-96.0142	7.456454	0.587283	-0.04746	-4.63537	13.33333	186.8	29.5301
41.14346	-96.0142	6.213712	0.375799	0.589618	-7.26303	32.15686	186.8	29.2348
41.14349	-96.0142	9.320568	1.531013	-0.70741	-7.49792	32.94118	186.8	32.48311
41.14352	-96.0142	12.42742	0.98351	1.310884	-4.52559	31.76471	186.8	36.02672
41.14358	-96.0142	12.42742	1.089141	2.091481	-5.23705	29.41176	186.8	36.02672
41.14365	-96.0142	20.50525	0.817875	3.427665	-0.06075	38.43137	186.8	42.52334
41.14374	-96.0142	22.99073	0.339891	1.204129	-1.0583	36.47059	186.8	44.59045
41.14385	-96.0143	25.47622	-1.48954	-0.90883	-1.10633	40	186.8	45.18105

41.144	-96.0143	27.9617	-0.45319	0.223088	-0.59579	38.82353	186.8	46.36226
41.14413	-96.0142	30.44719	-0.43714	-0.27686	0.231451	37.2549	186.8	46.95286
41.14426	-96.0142	34.79679	-0.44866	1.087313	0.692378	35.68628	186.8	46.95286
41.14443	-96.0143	36.03953	-0.28172	-0.86482	0.441614	28.23529	186.8	43.11395
41.14458	-96.0143	36.6609	-0.20788	0.100515	1.361578	23.13725	186.8	40.16093
41.14474	-96.0143	37.28227	-0.01379	-0.09323	1.088754	5.882353	186.8	38.68443
41.14489	-96.0143	37.90364	0.060151	0.414065	2.058682	12.54902	186.8	33.07371
41.14502	-96.0143	37.90364	0.090561	-0.81852	1.351059	4.705883	186.8	32.18781
41.14516	-96.0143	37.90364	0.738448	-0.19887	1.223063	0	186.8	31.59721
41.14529	-96.0142	37.28227	-0.52482	-0.49932	0.379708	0	186.8	31.00661
41.14544	-96.0142	37.28227	-0.42131	-0.54565	0.794031	6.27451	186.8	30.416
41.1456	-96.0142	37.28227	0.470999	-1.48369	0.478155	9.411765	186.8	30.7113
41.14577	-96.0142	36.6609	-0.53185	-0.20011	-0.62378	10.19608	185	31.00661
41.14592	-96.0142	37.28227	0.161982	-0.14728	-0.04472	13.33333	185	31.30191
41.14606	-96.0142	37.28227	-0.46385	-0.31573	0.218833	14.11765	185	31.59721
41.14621	-96.0142	37.28227	-0.38914	-0.5995	-0.10731	14.5098	185	31.89251
41.14637	-96.0142	37.28227	-0.52206	-1.20173	-0.2042	14.11765	185	31.89251
41.14651	-96.0142	37.28227	0.460727	-1.12516	0.472124	14.11765	185	31.89251
41.14666	-96.0142	37.90364	-0.07134	-1.31255	-0.47571	14.11765	185	31.59721
41.14681	-96.0142	37.90364	-0.30023	0.177037	0.278132	13.72549	185	31.89251
41.14696	-96.0142	37.90364	-0.08521	-0.62905	-0.09991	14.5098	185	31.89251
41.14712	-96.0142	37.90364	-0.08957	0.359687	-0.07016	14.5098	185	31.89251
41.14727	-96.0142	37.90364	-0.32314	0.201298	1.081926	13.72549	185	31.89251
41.14742	-96.0142	37.90364	-1.09301	0.779349	0.679405	9.803922	185	31.59721
41.14758	-96.0142	37.90364	-0.94331	0.374472	-0.28749	8.235294	185	31.30191
41.14773	-96.0142	37.28227	0.536108	-0.46384	0.718902	10.98039	185	31.30191
41.14789	-96.0142	37.90364	-1.07314	1.339089	0.579572	15.29412	185	31.30191
41.14804	-96.0142	37.90364	-0.26256	1.16541	0.610906	16.47059	185	31.89251
41.1482	-96.0142	37.90364	-0.6616	0.348989	-0.1651	15.68627	185	31.89251
41.14835	-96.0142	37.90364	-0.4793	0.603088	0.133515	12.15686	186.8	31.59721
41.14851	-96.0142	37.90364	0.057139	0.086905	0.169576	7.45098	186.8	31.00661
41.14865	-96.0142	37.90364	-0.40541	0.412251	-0.88885	10.98039	186.8	31.59721
41.1488	-96.0142	37.90364	0.953683	0.241747	-0.25677	17.64706	186.8	31.89251
41.14894	-96.0142	37.90364	-0.66969	1.126369	0.237751	22.35294	186.8	32.48311
41.1491	-96.0142	37.90364	1.286325	0.324481	0.47215	25.09804	186.8	33.07371
41.14925	-96.0142	37.90364	0.324326	-0.36804	-0.65628	25.09804	186.8	33.36901
41.1494	-96.0142	37.90364	1.225536	-3.0773	-1.10555	26.27451	186.8	33.66431
41.14954	-96.0142	37.90364	0.460477	0.967351	1.04103	25.88235	186.8	33.66431
41.14971	-96.0142	37.90364	0.253842	3.75157	0.027376	25.4902	186.8	33.95961
41.14988	-96.0142	38.52501	0.207979	-0.13561	0.671421	22.35294	186.8	33.07371
41.15004	-96.0142	38.52501	-0.30292	1.228388	1.081436	17.2549	186.8	32.48311
41.1502	-96.0142	38.52501	-0.31943	-0.94721	1.176895	10.19608	186.8	32.18781
41.15035	-96.0142	38.52501	-0.61021	-0.01529	0.683949	4.705883	186.8	31.59721
41.15051	-96.0142	38.52501	-0.90874	2.992777	1.776559	3.137255	186.8	31.30191
41.15068	-96.0142	39.14639	-1.50318	-0.28829	0.583553	3.529412	186.8	31.00661
41.15085	-96.0141	39.14639	-1.78869	1.078438	1.077812	3.137255	186.8	31.00661
41.151	-96.0141	39.14639	-0.2556	-1.99988	-0.72385	4.705883	186.8	31.00661

41.15113	-96.0141	39.14639	0.778076	0.611199	-1.41539	11.76471	186.8	31.59721
41.15128	-96.0141	39.14639	-1.20584	-5.43454	-0.50658	11.76471	186.8	31.59721
41.15144	-96.0141	39.14639	1.010478	2.703204	-6.78917	14.11765	186.8	31.59721
41.1516	-96.0141	38.52501	0.938805	-1.13666	0.490167	21.56863	186.8	31.89251
41.15175	-96.0141	38.52501	1.004413	0.839605	-0.13147	17.64706	186.8	32.18781
41.15191	-96.0141	38.52501	0.293555	-1.07058	0.182695	5.882353	186.8	31.59721
41.15205	-96.0141	37.90364	1.707462	-4.37196	-5.72896	6.27451	186.8	31.00661
41.1522	-96.0141	37.90364	1.117119	-2.55937	-0.03937	16.07843	186.8	31.00661
41.15235	-96.0141	37.28227	0.734829	5.154249	-2.41535	20.39216	186.8	32.18781
41.1525	-96.0141	37.28227	0.710658	-0.10036	-0.63395	22.7451	186.8	32.48311
41.15265	-96.0141	36.6609	-0.5154	0.134523	-0.07716	22.35294	186.8	33.07371
41.15279	-96.0141	37.28227	0.455986	1.99442	-1.2724	21.56863	186.8	32.77841
41.15294	-96.0141	36.6609	0.895443	1.11965	0.7231	18.82353	186.8	32.77841
41.15309	-96.0141	36.03953	-0.74054	-0.52918	-0.60738	17.64706	186.8	32.18781
41.15323	-96.0141	35.41816	-0.2193	-1.38345	1.621663	3.529412	186.8	31.00661
41.15337	-96.0141	35.41816	-1.70419	-4.35507	2.084186	0	186.8	30.1207
41.15351	-96.0141	34.79679	-0.46594	2.759261	1.682783	0	186.8	30.1207
41.15364	-96.0141	34.17542	0.261795	0.19304	0.443102	0	186.8	29.2348
41.15378	-96.0141	33.55404	0.546368	0.585291	-0.0268	0	186.8	29.2348
41.15393	-96.0141	33.55404	-0.19133	-4.20238	4.054391	0	186.8	28.9395
41.15406	-96.0141	32.93267	0.97171	1.071131	2.224783	0	186.8	28.9395
41.15419	-96.0141	31.06856	-0.93754	1.387699	4.218923	0	186.8	28.9395
41.15431	-96.0141	28.58307	-1.21368	-1.49697	1.16188	0	186.8	28.9395
41.15442	-96.0141	26.71896	-0.46451	1.879513	1.765054	1.568627	186.8	28.9395
41.15452	-96.0141	25.47622	0.950433	0.513571	-0.42263	2.745098	186.8	29.2348
41.15462	-96.0141	24.23348	-0.51265	-0.96823	0.492	4.313725	186.8	28.9395
41.15471	-96.0141	22.36936	-0.1154	0.978153	-0.03968	9.411765	186.8	29.2348
41.15478	-96.0141	19.88388	0.700396	-0.44391	-1.87685	13.72549	186.8	29.2348
41.15486	-96.0141	18.64114	-0.02294	1.643464	-1.37816	14.11765	186.8	29.2348
41.15494	-96.0141	18.64114	0.287579	0.866534	-2.16131	26.27451	186.8	29.5301
41.15501	-96.0141	19.26251	1.377174	1.482221	-0.87094	23.52941	186.8	31.30191
41.1551	-96.0141	18.64114	-0.30436	0.551876	2.023371	1.960784	186.8	30.416
41.15516	-96.0141	16.77702	-0.07086	-0.96465	-0.46991	3.137255	186.8	29.8254
41.15523	-96.0141	15.53428	-0.43748	0.012395	0.485262	3.137255	186.8	29.5301
41.1553	-96.0141	13.67017	-0.9749	-0.02498	3.603918	5.882353	186.8	29.2348
41.15535	-96.0141	10.56331	-0.89438	-1.10043	5.126032	16.07843	186.8	29.2348
41.15537	-96.0141	6.213712	1.869942	1.697778	-3.2327	12.94118	186.8	29.5301
41.15538	-96.0141	8.077826	5.689103	0.82688	-4.2641	29.01961	186.8	31.30191
41.1554	-96.014	9.941939	3.736905	-0.07421	0.395981	30.58824	186.8	33.66431
41.15544	-96.014	11.80605	4.771086	-1.29724	-0.07117	29.01961	186.8	33.95961
41.15543	-96.0139	13.04879	0.824808	1.44202	-3.24862	25.88235	186.8	33.36901
41.15544	-96.0138	15.53428	-3.70321	-1.02566	-0.59925	16.86275	186.8	36.02672
41.15545	-96.0137	16.77702	-3.24589	-1.55237	1.258988	7.058824	186.8	34.84552
41.15546	-96.0136	14.29154	-2.69061	-3.58562	-0.34752	8.235294	186.8	30.7113
41.15548	-96.0136	12.42742	-1.80217	2.340505	3.413921	14.5098	186.8	29.8254
41.15549	-96.0134	10.56331	-1.51083	0.142061	0.525271	15.68627	186.8	29.8254
41.15544	-96.0134	8.077826	-1.4553	0.369886	1.575864	13.33333	186.8	29.8254

41.15547	-96.0133	4.349598	-0.63927	0.002955	-2.60154	13.72549	186.8	29.5301
41.15548	-96.0133	4.97097	-4.29105	0.40097	-4.52744	29.01961	186.8	29.5301
41.15543	-96.0133	6.835083	-4.96525	0.585904	-2.57332	28.23529	186.8	31.00661
41.1554	-96.0134	8.699197	-4.03202	1.571136	-0.76486	26.66667	186.8	32.48311
41.15541	-96.0134	12.42742	-1.09104	0.932319	-3.27378	26.66667	186.8	33.95961
41.15546	-96.0134	13.67017	3.844591	-2.55446	-2.32283	30.98039	186.8	34.55022
41.15555	-96.0134	15.53428	5.579944	0.001728	-0.64476	31.37255	186.8	35.43612
41.15564	-96.0134	17.39839	2.908279	1.75746	1.085694	28.23529	186.8	35.43612
41.1557	-96.0134	19.26251	2.669184	-0.15676	2.171835	27.05882	186.8	35.43612
41.15576	-96.0134	19.88388	0.835424	-1.27668	1.257696	20	186.8	33.66431
41.15586	-96.0134	19.88388	0.448805	-0.23755	0.207752	24.31373	186.8	33.07371
41.15595	-96.0134	20.50525	0.477355	-1.81874	0.360428	24.31373	186.8	33.07371
41.15605	-96.0134	21.12662	-0.49929	-0.04959	2.47577	6.27451	186.8	33.07371
41.15613	-96.0134	19.88388	0.234446	2.074944	2.362517	0	186.8	31.00661
41.15621	-96.0134	18.64114	2.828426	0.135786	3.039129	2.352941	186.8	30.1207
41.15625	-96.0133	14.29154	4.181619	-1.44793	0.680395	5.490196	186.8	29.5301
41.15633	-96.0133	13.04879	3.541164	-0.49415	1.351761	13.33333	186.8	29.2348
41.15643	-96.0133	11.80605	2.456887	2.552157	3.971651	18.03922	186.8	29.2348
41.15648	-96.0133	11.18468	-2.48167	-2.19708	-1.2308	25.4902	186.8	30.416
41.15642	-96.0132	11.80605	-2.86409	-0.42546	-1.97074	27.84314	186.8	31.59721
41.15644	-96.0131	13.04879	-1.63456	0.57457	-2.58034	29.41176	186.8	33.07371
41.15646	-96.013	14.29154	-4.20835	5.768833	-0.24168	28.62745	186.8	33.95961
41.15646	-96.0129	16.15565	-3.37156	1.914841	-1.84648	29.80392	186.8	34.84552
41.15647	-96.0128	17.39839	-1.45371	0.305228	-2.01594	29.01961	186.8	35.14082
41.15649	-96.0127	18.64114	-1.91637	-0.28193	-1.3932	28.23529	186.8	35.14082
41.15654	-96.0127	18.64114	-2.83103	-1.38961	1.671695	25.88235	186.8	34.25492
41.15659	-96.0126	18.64114	0.16458	-1.40793	1.450737	9.019608	186.8	32.77841
41.15663	-96.0125	17.39839	1.623277	-0.13102	2.642979	0	186.8	30.416
41.15667	-96.0124	14.91291	-0.11217	-1.76808	2.745489	2.745098	186.8	29.8254
41.15671	-96.0124	11.80605	-4.62589	-0.72746	2.364444	16.07843	186.8	29.5301
41.15676	-96.0124	6.835083	1.013511	-1.38775	3.375973	17.2549	186.8	29.5301
41.15676	-96.0124	4.97097	-1.29554	-10.7777	-5.2381	13.33333	186.8	29.5301
41.15677	-96.0124	4.349598	-1.33087	2.089529	-2.69768	13.72549	186.8	29.5301
41.15678	-96.0124	3.106856	-0.91032	1.747127	-6.24227	21.56863	186.8	29.8254
41.15679	-96.0124	3.728227	2.463309	1.074444	-3.42461	23.52941	186.8	30.416
41.1568	-96.0124	4.349598	1.866245	0.713215	-0.04436	7.45098	186.8	31.30191
41.1568	-96.0124	3.106856	1.15973	-0.24137	1.440538	15.29412	186.8	30.416
41.15681	-96.0124	2.485485	0.368017	-0.33206	0.629587	16.07843	186.8	29.8254
41.15681	-96.0125	1.864114	0.628636	0.216603	-0.64429	17.64706	188.6	29.5301
41.15684	-96.0124	1.864114	0.263364	0.126475	-0.21254	17.64706	188.6	29.8254
41.15682	-96.0124	0	0.190721	-0.06904	0.452974	18.03922	188.6	29.5301
41.15683	-96.0124	0	0.094125	-0.12164	0.583474	17.64706	188.6	29.5301
41.15682	-96.0124	0	0.218421	0.073975	-1.10939	18.03922	188.6	29.5301
41.15682	-96.0124	0	0.496507	-0.29123	-0.48319	21.96078	188.6	29.8254
41.15682	-96.0124	1.864114	-0.44585	-0.13051	1.150297	12.94118	188.6	29.8254
41.15682	-96.0124	1.864114	0.604643	0.263802	0.70642	17.2549	188.6	29.8254
41.15682	-96.0124	1.864114	0.291282	0.029923	-0.7803	18.03922	188.6	29.5301

41.15682	-96.0124	1.864114	0.138865	0.155389	-0.34425	16.86275	188.6	29.5301
41.15682	-96.0125	1.864114	-0.28709	-0.63441	0.768219	17.64706	188.6	29.5301
41.15681	-96.0125	1.864114	0.454672	0.440859	2.071335	16.86275	188.6	29.5301
41.15682	-96.0125	1.864114	0.243293	0.043791	0.069564	18.43137	188.6	29.5301
41.15682	-96.0125	1.864114	-0.57451	-0.32283	1.627665	18.03922	188.6	29.5301
41.15682	-96.0124	0	-0.06225	-0.12665	-0.19612	18.82353	188.6	29.5301
41.15682	-96.0124	0	-0.46097	-0.37355	1.554164	17.64706	188.6	29.5301
41.15682	-96.0124	0	0.32522	0.139291	0.58729	19.60784	188.6	29.5301
41.15682	-96.0125	0	0.376005	0.598597	-0.19159	19.21569	188.6	29.8254
41.15682	-96.0125	0	0.109925	0.257564	-0.30593	5.882353	188.6	29.5301
41.15682	-96.0125	0	-0.08026	0.134999	0.038771	3.137255	188.6	29.5301
41.15682	-96.0125	0	-0.47478	0.323584	0.592238	3.137255	188.6	29.2348
41.15682	-96.0125	0	0.051189	0.1894	-0.19804	3.137255	188.6	29.2348
41.15682	-96.0125	0	-0.11968	-0.13256	0.329486	2.745098	188.6	29.2348
41.15682	-96.0125	0	-0.11847	0.283614	0.028745	3.137255	188.6	28.9395

Engine RPM	Intake air t	Absolute t	OBD requi	Input volta	Mass air fl	Boost (psi)	Acceleratio	Engine Pow
1393.5	71.6	16.47059	1	14.5	7.41054	1.30534	1.572232	18.70269
1410.5	71.6	18.43137	1	14.5	7.72093	1.595415	2.106353	20.0428
1429.5	71.6	17.2549	1	14.6	8.134459	2.030528	1.199821	21.11628
1423.25	71.6	16.47059	1	14.6	8.027851	1.885491	1.142821	19.10291
1396.5	68	7.843137	1	14.5	8.027851	1.885491	0.892702	19.10291
1238.25	68	12.15686	1	14.5	6.534166	0.725189	0.859057	8.009868
1255.5	68	13.33333	1	14.6	6.680601	0.725189	0.503114	12.0432
1270.75	64.4	17.2549	1	14.6	6.880334	1.015264	-1.82E-16	17.36456
1427.5	64.4	19.21569	1	14.6	7.59812	1.595415	-1.82E-16	21.09372
1462.5	64.4	20	1	14.6	8.306911	2.175566	0.622517	23.66045
1495	62.6	21.96078	1	14.6	8.732599	2.610679	1.131535	24.87292
1440	62.6	17.64706	1	14.6	9.261065	3.19083	0.509018	27.71374
1395.75	62.6	20.39216	1	14.6	8.291886	2.465641	0.538364	22.12286
1437.75	62.6	21.96078	1	14.6	8.687407	2.755717	0.464155	25.05742
1484.25	60.8	23.13725	1	14.4	8.687407	2.755717	0.464155	25.05742
1523.5	60.8	23.52941	1	14.4	9.22627	3.19083	0.54414	26.61168
1495	60.8	22.7451	1	14.6	9.74771	3.625943	1.109198	27.76425
1382.5	59	18.43137	1	14.6	9.293093	3.19083	1.326018	25.12915
883.75	59	0	1	14.5	7.846066	1.595415	0.257595	12.44689
761.75	59	0.392157	1	14.6	4.608859	0.290076	-1.05397	1.329351
764.5	59	0.392157	1	14.6	3.855773	-0.14504	-1.05873	0.973119
767.75	59	1.960784	1	14.6	3.846889	-0.29008	-1.51104	2.08045
920.5	59	5.098039	1	14.6	4.037292	-0.29008	-1.01329	4.221282
1023	59	5.882353	1	14.6	4.612259	-0.29008	-0.49531	6.319075
1030.25	59	5.882353	1	14.6	5.17815	-0.14504	-0.49531	6.534297
1031.5	59	5.882353	1	14.6	5.271358	0	-3.64E-16	6.651916
1079.75	59	6.666667	1	14.6	5.273914	0	-3.64E-16	6.845289
1087.75	57.2	7.058824	1	14.6	5.575816	0.145038	0.531306	7.840238
1111.25	57.2	7.45098	1	14.6	5.636689	0.145038	0.531306	8.12906
1111	57.2	7.45098	1	14.5	5.758465	0.145038	-3.64E-16	8.304682
1113.5	57.2	7.843137	1	14.5	5.75717	0.145038	0.511318	8.095243
1124.75	57.2	12.15686	1	14.5	5.770125	0.145038	0.511318	8.113459
1289.5	57.2	17.64706	1	14.5	5.943836	0.435113	-3.64E-16	9.857821
1392.75	57.2	21.96078	1	14.5	8.074678	1.885491	0.503546	22.70785
1543.75	57.2	23.92157	1	14.5	9.078865	2.755717	1.013605	26.84118
1583.25	55.4	27.05882	1	14.6	9.935179	3.625943	1.020725	30.80565
1645.25	55.4	29.41176	1	14.6	10.76	4.641208	1.007669	36.07874
1659.25	55.4	30.19608	1	14.5	11.60489	5.366396	1.801515	41.00374
1664.25	55.4	30.19608	1	14.6	11.95993	5.801509	1.51205	41.82698
1667.5	55.4	30.19608	1	14.6	12.10525	5.946547	2.196056	41.46231
1503.75	55.4	21.56863	1	14.5	11.81572	5.511434	2.342568	38.76659
1409	55.4	18.43137	1	14.5	9.522904	3.335868	1.060232	21.28714
1267.75	55.4	13.33333	1	14.5	8.269981	2.030528	0.50221	15.50473
1280.75	55.4	14.5098	1	14.6	7.114573	1.30534	-0.61029	11.02995
1343.5	55.4	18.43137	1	14.6	7.60885	1.450377	-5.46E-16	16.73421
1422.5	53.6	20.39216	1	14.5	7.60885	1.450377	-5.46E-16	16.73421

1489.25	53.6	23.92157	1	14.5	8.52549	2.320604	-5.46E-16	22.13136
1624.5	53.6	27.05882	1	14.6	10.41825	3.916019	0.728885	30.80101
1659	55.4	28.23529	1	14.6	11.07905	4.641208	0.728885	35.15132
1718.75	55.4	30.98039	1	14.6	11.95813	5.801509	0.336453	40.52726
1756.75	55.4	33.72549	1	14.6	12.91975	6.671736	1.000703	47.04699
1775.75	55.4	34.90196	1	14.6	13.92898	7.832038	1.189587	52.22866
1780.5	55.4	34.90196	1	14.6	14.53676	8.557226	0.993231	54.50762
1790.75	55.4	34.90196	1	14.6	14.66732	8.702264	0.553975	55.52597
1793.25	55.4	34.90196	1	14.6	14.93615	8.99234	-6.37E-16	56.54369
1788.75	55.4	28.62745	1	14.6	14.3669	8.122113	-6.37E-16	51.28075
1231	53.6	0	1	14.5	11.47707	4.351132	-6.37E-16	11.17251
873.5	53.6	0	1	14.5	7.059762	1.595415	-1.16932	0
745.75	53.6	0	1	14.5	4.648461	0.435113	-2.337	0
744.5	53.6	0	1	14.6	3.814499	-0.14504	-2.21481	0.550115
743.75	53.6	0	1	14.6	3.782298	-0.29008	-3.09139	0.818207
747	53.6	0	1	14.6	3.727415	-0.43511	-3.81868	1.075113
742.75	53.6	0	1	14.6	3.743703	-0.43511	-3.25134	1.889669
748.25	53.6	0	1	14.5	3.722404	-0.43511	-2.75069	1.207875
740	53.6	0	1	14.5	3.749968	-0.43511	-2.26215	1.757629
742.25	53.6	0	1	14.5	3.708622	-0.43511	-2.01147	2.540518
730.5	53.6	0	1	14.5	3.719898	-0.43511	-2.01147	2.682361
749.25	53.6	0	1	14.6	3.698753	-0.29008	-3.78867	3.333893
753.5	53.6	0	1	14.6	3.79369	-0.29008	-4.35903	4.924029
745	53.6	0	1	14.6	3.772171	-0.29008	-4.20973	4.760096
746.25	55.4	0	1	14.5	3.752682	-0.29008	-3.41417	5.006102
758.75	55.4	0	1	14.5	3.726875	-0.43511	-2.27667	4.971675
754.75	55.4	0.784314	1	14.5	3.808184	-0.29008	-0.59562	3.569829
1424.75	55.4	18.43137	1	14.6	4.511456	0	1.073364	15.12711
1649.5	55.4	28.23529	1	14.6	8.069006	1.450377	3.083731	21.52821
1840.5	55.4	34.11765	1	14.6	13.26638	5.801509	5.583076	41.13459
1983.5	55.4	32.15686	1	14.6	15.11411	6.961812	5.415667	46.86378
1815.25	55.4	33.72549	1	14.6	13.67338	7.251887	4.418653	45.84743
1873.25	55.4	34.11765	1	14.5	14.29936	7.687	4.245767	47.43082
1798.75	55.4	36.07843	1	14.6	15.04558	8.122113	4.245767	47.19375
1850.25	55.4	36.47059	1	14.6	14.91026	8.847302	2.724201	55.90813
1896.5	55.4	37.2549	1	14.6	16.49668	10.29768	2.423404	60.66705
1910.5	55.4	36.86274	1	14.6	16.79461	10.44272	3.10099	59.34065
1703.5	55.4	34.90196	1	14.6	16.72186	10.15264	2.850748	57.27492
1570.5	55.4	12.15686	1	14.6	11.66494	4.786245	1.028956	18.08453
1412.75	55.4	28.23529	1	14.5	9.541324	2.610679	-0.56866	7.912117
1622.5	53.6	29.80392	1	14.6	8.873886	3.19083	-0.56866	25.91523
1671.75	53.6	30.19608	1	14.6	11.06541	4.641208	0.479483	36.3049
1682.25	53.6	30.19608	1	14.5	12.16824	5.801509	0.600455	41.67806
1680.75	53.6	33.72549	1	14.5	12.67842	6.671736	0.600455	44.33973
1754	55.4	36.86274	1	14.6	14.2684	8.412189	0.823463	55.55912
1808.75	55.4	36.47059	1	14.6	15.45024	9.572491	1.391658	61.2751
1763.25	55.4	30.19608	1	14.6	15.27253	9.282415	1.08461	57.2665

1734.5	55.4	31.37255	1	14.6	13.48466	7.396924	-5.46E-16	45.21465
1631.25	55.4	33.72549	1	14.6	13.80506	7.687	0.613515	49.27533
1266.25	55.4	10.58823	1	14.6	10.49831	3.625943	0.613515	19.68243
1028	55.4	0	1	14.5	7.236543	1.595415	-0.62752	4.696343
755.75	55.4	5.882353	1	14.5	5.451538	0.435113	-1.72451	0
1227.25	55.4	12.15686	1	14.6	6.381799	0.145038	-1.05046	7.362907
1430.25	55.4	18.43137	1	14.6	6.910251	0.725189	-0.60062	12.45719
1430.25	55.4	21.56863	1	14.6	8.468344	2.175566	-0.60062	22.59365
1520.75	55.4	21.96078	1	14.6	9.231597	2.755717	-3.64E-16	25.62854
1568.5	55.4	29.80392	1	14.6	9.552264	3.19083	0.581563	25.82997
1672.5	55.4	29.80392	1	14.6	10.41749	4.206094	1.163192	31.17434
1693.5	55.4	29.41176	1	14.6	11.88321	5.511434	1.411019	39.84493
1658.75	55.4	18.43137	1	14.5	12.29399	5.946547	1.608264	40.77905
1625.25	55.4	26.27451	1	14.5	9.904519	3.916019	0.573323	26.06828
1682	55.4	27.45098	1	14.5	11.04543	4.641208	1.048488	32.65524
1682.75	55.4	26.66667	1	14.6	11.69091	5.076321	2.152009	34.14206
1675.75	55.4	24.70588	1	14.6	11.60949	4.931283	1.664681	33.06712
1536.5	55.4	15.68627	1	14.6	11.47492	4.786245	1.624089	32.2701
1443.75	55.4	13.33333	1	14.6	8.616276	2.030528	1.534737	11.49417
1213	55.4	5.490196	1	14.5	8.027946	1.160302	0.507209	0.578883
1375	53.6	0	1	14.6	6.37015	0.290076	-0.59146	0
1364.25	53.6	1.960784	1	14.6	7.175186	0.145038	-0.06567	0
1356	53.6	7.058824	1	14.5	7.005978	0	-0.54097	0
1365.5	53.6	13.72549	1	14.5	7.217487	0.435113	-5.46E-16	4.163535
1365.5	55.4	14.90196	1	14.6	7.592838	1.160302	0.376209	12.04517
1399	55.4	13.72549	1	14.6	7.766964	1.30534	0.91342	12.88147
1401.75	55.4	14.11765	1	14.6	7.923172	1.450377	0.537211	12.85487
1402.75	55.4	15.68627	1	14.6	7.938746	1.450377	-5.46E-16	12.59392
1401.5	55.4	17.2549	1	14.6	8.016632	1.595415	-5.46E-16	14.45167
1415.5	55.4	18.43137	1	14.6	8.230363	2.030528	-5.46E-16	19.5848
1416	55.4	19.21569	1	14.6	8.453889	2.320604	-5.46E-16	21.64069
1417.5	55.4	10.98039	1	14.6	8.456876	2.320604	0.475761	21.64833
1410.5	55.4	10.98039	1	14.6	8.173908	1.740453	-0.56943	13.85109
1379.25	55.4	9.411765	1	14.6	7.691936	1.015264	-1.13198	4.159902
1379.25	53.6	9.411765	1	14.6	7.553668	0.870226	-1.0196	4.629809
1351.75	53.6	8.627451	1	14.6	7.360345	0.725189	-0.98236	2.388344
1349.75	53.6	10.19608	1	14.6	7.26338	0.580151	-0.52532	2.35688
1325.25	53.6	3.137255	1	14.6	7.322371	0.725189	-5.46E-16	5.544051
1318	53.6	6.666667	1	14.6	6.945838	0.290076	-1.0536	0
1262	53.6	3.137255	1	14.6	6.636562	0	-1.63247	0
1253	53.6	5.882353	1	14.6	6.520313	0	-1.1672	0
1084	53.6	8.627451	1	14.6	6.603289	0.290076	-1.29424	2.618841
792	53.6	0	1	14.6	5.656655	0.145038	-0.70591	0
751.5	53.6	0	1	14.5	3.80002	-0.29008	-1.51592	0
754.75	53.6	0	1	14.5	3.805083	-0.29008	-0.90168	1.783461
747	53.6	0	1	14.5	3.782543	-0.43511	-0.59257	0
751.75	53.6	0	1	14.6	3.743703	-0.43511	-1.11971	0.134976

747	53.6	0	1	14.6	3.767509	-0.43511	-2.11636	0.407504
744.75	53.6	0	1	14.6	3.743703	-0.43511	-2.38719	0
738.75	53.6	0	1	14.5	3.702357	-0.43511	-2.36911	0.266971
747	53.6	0	1	14.5	3.737438	-0.43511	-2.46801	0.269501
747	53.6	0	1	14.5	3.743703	-0.43511	-2.40945	1.619716
748.75	53.6	0	1	14.5	3.736186	-0.43511	-2.34564	0.538821
751.5	53.6	0	1	14.6	3.791159	-0.29008	-2.66723	0.683437
743.75	53.6	0	1	14.6	3.766256	-0.43511	-2.12925	1.222105
799.5	53.6	10.58823	1	14.6	4.006815	-0.43511	-0.43287	5.48958
1325.5	53.6	14.90196	1	14.6	5.884815	0	0.74641	12.306
1369.75	53.6	14.90196	1	14.6	7.327783	1.015264	1.276741	17.96543
1389.5	53.6	14.90196	1	14.6	7.926261	1.740453	1.270795	18.57539
1462.75	53.6	19.60784	1	14.6	8.184129	2.030528	1.270044	20.65507
1601	53.6	28.62745	1	14.6	9.220172	3.19083	1.534092	27.59137
1641.5	53.6	29.41176	1	14.6	11.36462	4.931283	1.739158	38.92553
1675.5	53.6	29.80392	1	14.6	11.95026	5.656472	1.866624	40.93144
1704.75	53.6	30.98039	1	14.6	12.29255	6.091585	2.18098	42.54704
1735	53.6	32.94118	1	14.6	12.85946	6.671736	2.14572	46.36378
1764.75	53.6	33.72549	1	14.6	13.53585	7.396924	1.598065	50.26653
1782	53.6	33.72549	1	14.6	14.55518	8.412189	1.794922	53.52712
1795.25	53.6	34.11765	1	14.6	14.54701	8.412189	1.897522	54.02158
1798.25	53.6	33.72549	1	14.6	14.84069	8.702264	1.536533	53.50695
1815	53.6	33.72549	1	14.6	14.9584	8.847302	1.081981	52.85271
1820	53.6	33.72549	1	14.6	15.13932	8.847302	1.051815	52.4003
1834.25	53.6	29.41176	1	14.6	14.97355	8.412189	1.471941	50.74681
1656.5	53.6	13.72549	1	14.6	10.95495	4.061057	0.914748	23.30337
962.75	53.6	0	1	14.5	8.144191	1.450377	0.010619	0
1270.5	53.6	7.843137	1	14.5	5.123418	0.435113	-1.72499	0
1270.5	53.6	14.90196	1	14.6	6.958083	0.870226	-1.57215	6.02084
1400.5	53.6	18.43137	1	14.6	7.959483	1.450377	-0.33117	15.20957
1445.25	53.6	17.64706	1	14.6	8.481612	1.885491	-0.48988	19.26527
1454	53.6	17.64706	1	14.6	8.587167	2.175566	-0.48988	19.19543
1453	53.6	19.21569	1	14.6	8.639156	2.175566	-0.52496	19.31164
1471	53.6	20	1	14.6	8.708285	2.320604	-0.58628	21.48022
1500	53.6	22.35294	1	14.6	9.22247	2.755717	-1.09558	23.60814
1551.75	53.6	23.13725	1	14.6	9.941513	3.480906	-0.98474	27.24095
1448.5	53.6	20.39216	1	14.6	10.06804	3.480906	-0.47543	27.22467
1170.5	53.6	5.882353	1	14.5	8.606477	2.175566	-1.14487	13.0326
1214	53.6	9.411765	1	14.5	6.410418	0.870226	-2.13451	2.773472
935.5	53.6	0	1	14.5	6.523206	0.580151	-1.79195	7.761242
748.25	53.6	0	1	14.7	4.930069	0.290076	-3.03607	0
740.75	53.6	0	1	14.7	3.763311	-0.29008	-2.35035	0.542733
746	53.6	0	1	14.5	3.750652	-0.29008	-2.62039	1.081815
742.25	53.6	0	1	14.5	3.738692	-0.43511	-3.70533	1.617548
730	53.6	0	1	14.6	3.758247	-0.29008	-4.90627	1.626009
737.5	53.6	0	1	14.6	3.696222	-0.29008	-4.77043	3.598139
748.75	53.6	0	1	14.5	3.734196	-0.29008	-4.64794	4.577542

741	53.6	0	1	14.5	3.791159	-0.29008	-6.21715	4.237307
746.75	53.6	2.745098	1	14.5	3.819614	-0.14504	-5.63535	5.370817
968.25	53.6	26.66667	1	14.5	5.402818	1.160302	-0.92093	16.16794
1707.5	53.6	28.62745	1	14.5	10.12189	3.335868	3.162336	32.84434
1635.25	53.6	25.88235	1	14.6	11.73333	4.786245	5.284923	34.68898
1637	53.6	29.80392	1	14.5	11.40583	5.076321	5.274108	36.18811
1751.5	53.6	31.76471	1	14.5	12.39721	5.946547	3.348558	41.12141
1891.75	53.6	35.68628	1	14.6	13.66458	7.396924	1.464729	46.80325
2001	55.4	38.82353	1	14.6	16.51808	10.0076	4.32932	58.95911
1938.5	55.4	38.82353	1	14.6	18.46402	12.32821	3.493624	70.56483
1949	55.4	38.82353	1	14.6	18.66604	12.61828	3.161488	71.33689
1962.5	55.4	38.43137	1	14.6	18.76472	12.61828	3.41578	69.6844
1961	55.4	34.5098	1	14.5	18.69262	12.32821	2.651105	67.39479
1922.25	55.4	34.5098	1	14.6	18.17351	11.60302	1.136075	59.6261
1900.5	55.4	28.23529	1	14.6	15.7537	8.847302	1.093935	44.871
1793.5	55.4	28.23529	1	14.6	15.7537	8.847302	1.093935	44.871
1761.5	55.4	29.01961	1	14.6	13.20463	6.236623	-7.28E-16	35.7062
1764.75	55.4	25.4902	1	14.6	12.78764	5.946547	-0.46675	35.03969
1685.25	55.4	20.39216	1	14.6	12.62952	5.656472	-0.98685	35.06175
1631	55.4	20.39216	1	14.6	11.01937	3.916019	-0.52011	24.23499
1631	55.4	23.13725	1	14.6	10.1608	3.045793	-0.50949	22.71308
1631.25	55.4	22.7451	1	14.5	10.23849	3.19083	-0.50949	24.73245
1614.5	55.4	21.56863	1	14.5	10.33033	3.335868	-0.48278	24.20939
1597.75	55.4	21.17647	1	14.6	9.974887	2.900755	-0.02202	21.93785
1661.75	55.4	25.88235	1	14.6	10.03592	3.19083	0.460755	22.07209
1760.5	55.4	31.37255	1	14.6	10.95127	4.061057	0.648856	30.0078
1826.25	55.4	29.41176	1	14.6	13.6338	6.526698	1.73479	39.32449
1806.5	55.4	29.41176	1	14.6	13.39335	6.38166	2.164158	36.6994
1847.75	55.4	29.41176	1	14.6	13.44154	6.38166	1.597513	35.37757
1863.25	55.4	29.41176	1	14.6	13.60404	6.236623	1.185767	34.33382
1737	55.4	22.7451	1	14.6	13.43037	5.801509	1.569922	32.44284
1548.25	55.4	19.21569	1	14.6	11.8049	4.641208	0.535592	31.92125
1486	55.4	16.86275	1	14.6	9.180974	2.900755	0.552216	22.83989
1402	55.4	12.54902	1	14.6	9.180974	2.900755	0.552216	22.83989
1353.5	55.4	7.058824	1	14.6	8.012345	1.595415	0.552216	13.57731
1197.75	55.4	0	1	14.5	7.595799	1.30534	-0.47085	10.68057
811	55.4	0	1	14.5	6.413398	0.580151	-0.47085	0
791.25	55.4	0.392157	1	14.5	4.033087	-0.14504	-0.48272	0
750.25	55.4	0	1	14.5	4.097045	-0.29008	-0.98788	0
744.75	55.4	0	1	14.5	3.785478	-0.29008	-0.50516	0
747	55.4	0	1	14.5	3.757727	-0.29008	-0.48164	0
752.5	55.4	0	1	14.6	3.73062	-0.43511	-0.48164	0
751.25	55.4	0	1	14.6	3.796831	-0.29008	-4.55E-16	0
749.5	55.4	0.392157	1	14.6	3.743105	-0.43511	-4.55E-16	0
1012.5	55.4	3.921569	1	14.6	3.874202	-0.43511	-4.55E-16	0.977769
1179.75	55.4	5.882353	1	14.6	5.108693	-0.29008	-4.55E-16	0.73676
1220	55.4	7.45098	1	14.6	6.074054	0	-4.55E-16	1.532967

1222.25	55.4	7.843137	1	14.6	6.344098	0.145038	-4.55E-16	2.287316
1215.5	55.4	3.921569	1	14.6	6.383279	0.290076	-4.55E-16	1.841154
912.5	55.4	2.352941	1	14.5	5.574641	0	-4.55E-16	0
854	55.4	1.960784	1	14.5	4.698092	0	-4.55E-16	0
1208	55.4	5.882353	1	14.6	4.308962	-0.29008	-4.55E-16	0.310713
1213.5	55.4	5.882353	1	14.6	6.281697	0.145038	-4.55E-16	2.491299
1183.25	55.4	6.666667	1	14.6	6.310297	0.145038	-4.55E-16	2.730155
1024.5	55.4	4.705883	1	14.5	6.291377	0.290076	-4.55E-16	1.134154
762.5	55.4	0	1	14.5	5.274735	0	-4.55E-16	0
755.75	55.4	0	1	14.5	3.886545	-0.14504	-0.51594	0
752	55.4	0	1	14.5	3.813229	-0.29008	-1.02944	0
747.25	55.4	0	1	14.6	3.770342	-0.29008	-2.63395	0.40781
747.75	55.4	0	1	14.6	3.782956	-0.29008	-3.47678	0
746.75	55.4	0	1	14.6	3.772864	-0.29008	-3.79399	0.136028
745.25	55.4	0	1	14.6	3.767819	-0.29008	-4.42124	1.086766
743.75	55.4	0	1	14.6	3.76025	-0.29008	-3.97272	2.033594
723.75	55.4	0	1	14.6	3.651769	-0.29008	-3.8568	3.554867
741.75	55.4	0	1	14.6	3.78078	-0.14504	-3.55525	4.907272
747	55.4	0	1	14.6	3.808814	-0.14504	-3.61082	4.943659
747.5	55.4	0	1	14.5	3.80754	-0.14504	-0.60165	4.255616
753.5	55.4	1.176471	1	14.5	3.810089	-0.14504	-0.60165	4.258464
800.25	55.4	1.960784	1	14.5	3.840671	-0.14504	0.349107	4.154173
851.25	55.4	3.921569	1	14.6	4.338914	-0.14504	-0.6776	5.944575
1298.75	55.4	12.54902	1	14.6	5.451126	0.290076	-0.05401	12.57831
1366	55.4	15.68627	1	14.6	7.221676	1.160302	1.120215	17.70529
1349.75	55.4	0.784314	1	14.5	7.71374	1.595415	0.597503	17.79923
1024.25	55.4	0	1	14.5	5.53712	0.725189	-0.56899	1.996366
735	55.4	0	1	14.5	4.040462	0.145038	-2.06397	3.204867
742.75	55.4	0	1	14.5	3.784217	0	-3.43356	4.365985
759	55.4	0	1	14.6	3.824119	0	-2.96081	5.652902
756.5	55.4	0	1	14.7	3.868706	-0.14504	-1.30747	5.021395
753.5	55.4	1.176471	1	14.7	3.840671	-0.14504	-0.54398	4.846536
1059.5	55.4	5.490196	1	14.6	4.783044	0	0.529281	8.967347
775.5	55.4	1.176471	1	14.6	5.564034	0.290076	0.529281	7.021245
748.25	55.4	0	1	14.5	3.767819	-0.29008	7.28E-16	1.494304
750.75	55.4	0	1	14.5	3.788001	-0.29008	7.28E-16	1.365735
747.5	55.4	0	1	14.6	3.788001	-0.29008	7.28E-16	1.365735
749	55.4	0	1	14.6	3.779171	-0.29008	7.28E-16	1.498806
750.25	55.4	0	1	14.6	3.785478	-0.29008	7.28E-16	1.501308
751.25	55.4	0	1	14.6	3.775387	-0.29008	7.28E-16	1.633424
751.25	55.4	0	1	14.6	3.775387	-0.29008	7.28E-16	1.633424
750.5	55.4	0	1	14.6	3.78674	-0.29008	7.28E-16	1.501808
747.5	55.4	0	1	14.6	3.79557	-0.29008	7.28E-16	1.368463
748	55.4	0	1	14.6	3.771603	-0.29008	7.28E-16	1.359822
751.25	55.4	0	1	14.6	3.774126	-0.29008	7.28E-16	1.496805
750	55.4	0	1	14.6	3.790524	-0.29008	7.28E-16	1.22998
751.25	55.4	0	1	14.5	3.784217	-0.29008	7.28E-16	1.500807

745.75	55.4	0	1	14.5	3.790524	-0.29008	7.28E-16	1.366644
752.75	55.4	0	1	14.5	3.724377	-0.43511	7.28E-16	1.477075
749.25	55.4	0	1	14.5	3.741857	-0.43511	7.28E-16	1.349098
749.5	55.4	0	1	14.5	3.781694	-0.29008	7.28E-16	1.363461
748.5	55.4	0	1	14.6	3.781694	-0.29008	7.28E-16	1.363461
753.25	55.4	0	1	14.6	3.800615	-0.29008	7.28E-16	1.507311
750	55.4	0	1	14.5	3.784217	-0.29008	7.28E-16	1.500807
750.25	57.2	0	1	14.5	3.726875	-0.43511	7.28E-16	1.612435
747.75	57.2	0	1	14.5	3.772295	-0.29008	7.28E-16	1.224065
752.75	57.2	0	1	14.5	3.759725	-0.29008	7.28E-16	1.491094
751.25	57.2	0	1	14.5	3.777323	-0.29008	7.28E-16	1.498073
749.25	57.2	0	1	14.5	3.777323	-0.29008	7.28E-16	1.498073
748.5	57.2	0	1	14.5	3.767267	-0.29008	7.28E-16	1.358259
751.75	57.2	0	1	14.5	3.779838	-0.29008	7.28E-16	1.63535
747.75	57.2	0	1	14.5	3.783609	-0.29008	7.28E-16	1.364151
751.75	57.2	0	1	14.5	3.759725	-0.29008	7.28E-16	1.491094
749.25	57.2	0	1	14.5	3.741268	-0.43511	7.28E-16	1.483774
750	57.2	0	1	14.5	3.771039	-0.29008	7.28E-16	1.359619
749.75	57.2	0	1	14.6	3.731314	-0.43511	7.28E-16	1.479826
749.5	57.2	0	1	14.6	3.773552	-0.29008	7.28E-16	1.496578
750	57.2	0	1	14.5	3.768524	-0.29008	7.28E-16	1.358712
751.75	57.2	0	1	14.5	3.771039	-0.29008	7.28E-16	1.359619
750	57.2	0	1	14.5	3.779838	-0.29008	7.28E-16	1.226512
749.75	57.2	0	1	14.5	3.771039	-0.29008	7.28E-16	1.767505
749.75	57.2	0	1	14.5	3.769781	-0.29008	7.28E-16	1.359166
748.25	57.2	0	1	14.5	3.762239	-0.29008	7.28E-16	1.627736
750	57.2	0	1	14.5	3.76601	-0.29008	7.28E-16	1.493587
752.75	57.2	0	1	14.6	3.771039	-0.29008	7.28E-16	1.495581
747	57.2	0	1	14.6	3.784866	-0.29008	7.28E-16	1.364604
747	57.2	0	1	14.6	3.784866	-0.29008	7.28E-16	1.364604
746.25	57.2	0	1	14.6	3.752183	-0.29008	7.28E-16	1.488103
747.75	57.2	0	1	14.6	3.759725	-0.29008	7.28E-16	1.491094
752.25	57.2	0	1	14.6	3.76601	-0.29008	7.28E-16	1.493587
746.75	59	0	1	14.5	3.769225	-0.29008	7.28E-16	1.223069
750.75	59	0	1	14.6	3.741667	-0.29008	7.28E-16	1.483932
748.75	59	0	1	14.6	3.761709	-0.29008	7.28E-16	1.356255
752	59	0	1	14.6	3.751688	-0.29008	7.28E-16	1.623171
748	59	0	1	14.6	3.74793	-0.29008	7.28E-16	1.486416
747.5	59	0	1	14.5	3.760457	-0.29008	7.28E-16	1.355804
749	59	0	1	14.5	3.745425	-0.29008	7.28E-16	1.485422
747.25	59	0	1	14.5	3.752941	-0.29008	7.28E-16	1.353094
748.5	59	0	1	14.5	3.750436	-0.29008	7.28E-16	1.622629
749.5	59	0	1	14.5	3.750436	-0.29008	7.28E-16	1.48741
750.5	59	0	1	14.5	3.755446	-0.29008	7.28E-16	1.353997
747.75	59	0	1	14.5	3.760457	-0.29008	7.28E-16	1.355804
753.75	59	0	1	14.5	3.776741	-0.29008	7.28E-16	1.497842
750.75	59	0	1	14.5	3.776741	-0.29008	7.28E-16	1.497842

747.75	59	0	1	14.5	3.761709	-0.29008	7.28E-16	1.356255
751	59	0	1	14.5	3.762962	-0.29008	7.28E-16	1.356707
751.25	59	0	1	14.5	3.751688	-0.29008	7.28E-16	1.352642
751.25	59	0	1	14.5	3.764215	-0.29008	7.28E-16	1.492874
749.25	59	0	1	14.5	3.764215	-0.29008	7.28E-16	1.357159
752	59	0	1	14.5	3.754194	-0.29008	7.28E-16	1.4889
748.5	59	0	1	14.5	3.729524	-0.43511	7.28E-16	1.344651
752.75	59	0	1	14.5	3.750436	-0.29008	7.28E-16	1.352191
749.5	59	0	1	14.5	3.755446	-0.29008	7.28E-16	1.353997
748.5	59	0	1	14.5	3.756699	-0.29008	7.28E-16	1.625339
751.5	59	0	1	14.6	3.750436	-0.29008	7.28E-16	1.757848
748.75	59	0	1	14.6	3.765467	-0.29008	7.28E-16	1.493371
751.25	59	0	1	14.6	3.751688	-0.29008	7.28E-16	1.352642
749.75	59	0	1	14.6	3.725804	-0.43511	7.28E-16	1.208979
750.5	59	0	1	14.6	3.756699	-0.29008	7.28E-16	1.354449
748.25	59	0	1	14.6	3.749183	-0.29008	7.28E-16	1.486913
745.75	59	0	1	14.6	3.756699	-0.29008	7.28E-16	1.489894
745.75	59	0	1	14.6	3.756699	-0.29008	7.28E-16	2.020834
748.5	59	0	1	14.6	3.761709	-0.29008	7.28E-16	1.491881
752.5	59	0	1	14.6	3.712166	-0.43511	7.28E-16	1.472232
749	59	0	1	14.6	3.770478	-0.29008	7.28E-16	1.6313
750.5	59	0	1	14.6	3.714645	-0.43511	7.28E-16	1.473215
747.25	59	0	1	14.5	3.760457	-0.29008	7.28E-16	1.220223
730.75	59	0	1	14.5	3.631434	-0.29008	7.28E-16	2.749499
1072.5	59	10.58823	1	14.7	3.661497	-0.29008	7.28E-16	8.184772
1184.5	59	0	1	14.7	5.538377	0.145038	1.801637	13.57837
768.25	59	0	1	14.4	6.298429	0.580151	2.130002	14.30635
746	59	0	1	14.5	3.967233	0.145038	0.074978	4.863209
748.5	59	0	1	14.5	3.826975	0	-1.0623	5.519145
713.75	59	0	1	14.6	3.783643	-0.14504	-1.54549	5.456654
865.75	59	5.882353	1	14.6	3.61281	-0.14504	-2.56721	6.382597
1191.75	59	13.33333	1	14.6	4.470722	0.145038	-0.10549	11.44438
1267.5	59	13.72549	1	14.6	6.33698	0.580151	3.56157	14.39392
1373	59	15.68627	1	14.6	6.934187	1.015264	3.875968	16.00043
1348.5	59	15.68627	1	14.6	7.721951	1.450377	2.943053	18.6534
1184	59	10.58823	1	14.5	7.377319	1.015264	2.496511	12.76721
1131	59	3.921569	1	14.5	6.356307	0.725189	1.185339	11.00024
933.75	59	5.098039	1	14.5	4.821874	0.145038	0.600604	3.998525
784	59	0	1	14.6	4.008482	0	-0.24165	4.624727
751.5	59	0	1	14.6	3.811483	-0.14504	-0.84225	4.534863
747.5	59	0	1	14.5	3.80389	-0.14504	3.64E-16	4.525829
755.5	59	0	1	14.5	3.783643	-0.14504	-0.47181	5.047405
745.25	59	0	1	14.5	3.824137	-0.14504	-0.92953	4.963548
755.25	59	0	1	14.5	3.772255	-0.14504	-1.82967	4.896206
749.75	59	7.058824	1	14.5	3.822872	-0.14504	-3.42259	4.134921
937	59	14.11765	1	14.6	3.795033	-0.14504	1.13012	3.557501
1362.25	59	16.47059	1	14.6	6.750405	0.580151	2.463435	15.0896

1322	59	15.68627	1	14.5	7.522192	1.160302	2.581873	17.35724
1341.75	59	22.7451	1	14.6	7.367527	1.30534	2.896993	16.46909
1510.75	59	25.09804	1	14.6	7.820603	2.030528	2.986507	21.14744
1545.25	59	24.70588	1	14.7	9.796801	3.480906	2.866019	30.7298
1549.25	59	20	1	14.7	9.82216	3.480906	3.517626	30.10109
1458.5	59	2.352941	1	14.5	9.82216	3.480906	3.517626	30.10109
849	59	0	1	14.5	4.471042	0.435113	1.270592	0
745.75	59	0	1	14.5	3.85893	0	-0.03469	0.417392
752.75	59	0	1	14.5	3.774786	-0.14504	-1.17378	0.544388
745.25	59	0	1	14.5	3.77173	-0.29008	-2.54948	0.815921
722.5	59	0	1	14.5	3.734151	-0.29008	-4.46566	1.346319
739.75	59	0	1	14.6	3.6571	-0.14504	-3.95117	3.560056
747.25	59	0	1	14.5	3.744415	-0.14504	-4.09163	4.455066
762	59	0	1	14.5	3.782378	-0.14504	-4.71143	4.310939
741	59	0	1	14.5	3.750742	-0.14504	-3.12442	5.003514
742.5	59	0	1	14.5	3.776051	-0.14504	-2.27463	5.037276
751.75	59	0	1	14.6	3.758335	-0.14504	-3.11534	5.691163
751	59	0	1	14.4	3.805156	-0.14504	-1.33159	5.762063
748.25	59	0	1	14.4	3.825697	0	7.28E-16	5.931099
749.25	59	0	1	14.7	3.825697	0	7.28E-16	5.931099
1359.5	59	15.29412	1	14.7	3.767193	-0.14504	1.701612	7.741924
1545.25	59	25.09804	1	14.5	7.715534	1.595415	4.015779	28.37412
1684.25	59	26.27451	1	14.5	9.638787	3.19083	6.297678	31.62423
1813	59	28.62745	1	14.6	11.53919	4.931283	6.532697	34.11499
1718.5	59	30.19608	1	14.6	12.79207	5.511434	4.6972	32.74577
1794.5	59	32.94118	1	14.6	12.65249	6.38166	4.487268	43.79286
1865.75	59	33.72549	1	14.6	13.57904	6.961812	4.996256	44.55194
1911	59	34.90196	1	14.6	14.59515	7.687	4.051141	44.20223
1877.25	59	35.68628	1	14.6	15.10723	8.847302	3.431102	54.46796
1908.75	59	34.90196	1	14.6	15.83689	9.427453	3.869117	54.81474
1911.25	59	34.5098	1	14.6	16.10263	9.427453	3.812313	52.83168
1887.5	59	25.4902	1	14.6	14.47578	7.251887	2.897369	40.18731
1757	59	18.43137	1	14.6	12.04523	4.641208	1.23421	23.01692
1678.75	59	17.64706	1	14.6	10.69012	2.755717	1.106408	10.02102
1299.75	59	16.47059	1	14.6	9.956526	2.320604	1.003508	19.38464
1247	59	5.882353	1	14.6	7.177073	1.160302	0.485923	5.951569
1209.25	59	6.666667	1	14.6	6.694522	0.725189	-0.7073	3.379122
1237.25	59	9.019608	1	14.6	6.430034	0.580151	1.00E-15	1.15915
1257.75	59	10.98039	1	14.6	6.752234	0.725189	-0.62077	7.79029
1302.25	59	12.54902	1	14.6	6.924933	0.870226	-1.12634	9.737252
1302.25	59	12.94118	1	14.6	6.924933	0.870226	-1.12634	9.737252
1314.25	59	14.11765	1	14.6	7.190878	1.160302	-0.82093	11.92603
1368.75	59	26.27451	1	14.6	7.324337	1.30534	-0.51784	13.20367
1630	59	30.98039	1	14.6	10.66747	4.061057	9.11E-16	34.99927
1714	59	30.98039	1	14.6	12.1865	5.801509	0.506753	43.05873
1732	59	31.37255	1	14.6	12.70699	6.526698	0.506753	43.98151
1748.25	59	30.19608	1	14.6	12.92899	6.671736	9.11E-16	45.21604

1710.5	59	24.31373	1	14.6	13.13968	6.816774	9.11E-16	45.95287
1614.25	59	22.35294	1	14.6	12.15631	5.656472	0.406401	35.93948
1537.75	59	20.39216	1	14.6	9.827873	3.625943	9.11E-16	25.15788
1557	59	23.13725	1	14.6	9.494541	3.335868	-0.60024	25.33156
1595.5	57.2	25.09804	1	14.6	10.14532	3.916019	-0.10682	28.89677
1617.25	57.2	25.4902	1	14.6	10.55991	4.206094	0.493422	30.83908
1626.25	57.2	25.88235	1	14.6	10.86981	4.49617	0.516186	31.74412
1652.75	59	25.88235	1	14.6	11.01374	4.641208	0.516186	32.56154
1673.5	59	27.05882	1	14.6	11.40788	5.076321	0.382073	34.13808
1652.25	59	14.11765	1	14.5	11.63666	5.221359	1.127153	34.40318
1359.75	59	13.72549	1	14.5	8.174286	2.320604	9.11E-16	15.0306
1291	57.2	9.019608	1	14.5	7.743827	1.595415	9.11E-16	13.68069
1261.5	57.2	7.45098	1	14.5	7.153583	1.160302	9.11E-16	4.642505
1305.5	57.2	13.33333	1	14.6	6.860673	0.870226	-0.47326	4.452413
1332	57.2	14.11765	1	14.6	7.166948	1.015264	9.11E-16	9.560756
1380.5	57.2	15.68627	1	14.6	7.731912	1.450377	9.11E-16	15.33225
1387.25	57.2	15.68627	1	14.6	7.862	1.595415	9.11E-16	16.15713
1387.25	57.2	15.68627	1	14.6	7.971616	1.740453	9.11E-16	16.95722
1392.75	57.2	16.47059	1	14.6	7.971616	1.740453	9.11E-16	16.95722
1401	57.2	15.68627	1	14.6	8.003221	1.740453	0.566293	17.313
1370.75	57.2	13.72549	1	14.6	7.806473	1.595415	9.11E-16	14.63573
1335	57.2	8.627451	1	14.6	7.465887	1.30534	9.11E-16	11.03625
1240.25	57.2	6.666667	1	14.6	6.904181	0.870226	9.11E-16	2.240324
1268.25	57.2	8.627451	1	14.6	6.617839	0.580151	-0.63459	1.431607
1249.5	57.2	0	1	14.5	6.767244	0.580151	-0.63459	4.39178
900	57.2	0	1	14.5	4.617598	0	9.11E-16	0
762	57.2	0	1	14.5	3.870471	-0.14504	-0.48513	0
745.75	57.2	0	1	14.5	3.814598	-0.14504	-0.48513	0
750	57.2	0	1	14.6	3.749669	-0.29008	9.11E-16	0
751.5	57.2	0	1	14.6	3.771039	-0.29008	-0.48765	0
750	57.2	0	1	14.5	3.740024	-0.43511	0.086051	0
748	59	0	1	14.5	3.732558	-0.43511	0.573702	0
748.75	59	0	1	14.6	3.74793	-0.29008	-0.746	0
751.5	59	0	1	14.6	3.751688	-0.29008	-1.05185	0
748.75	59	0	1	14.6	3.757951	-0.29008	-0.47597	0
748.75	59	0	1	14.6	3.751688	-0.29008	7.28E-16	0
750.25	59	0	1	14.6	3.765467	-0.29008	7.28E-16	0
749	59	0	1	14.6	3.759204	-0.29008	7.28E-16	0
747.75	59	0	1	14.5	3.752941	-0.29008	7.28E-16	0
754	59	0	1	14.5	3.739443	-0.43511	-0.67321	0
750.5	59	0	1	14.6	3.710926	-0.43511	-0.67321	0
749.5	59	0	1	14.6	3.760457	-0.29008	7.28E-16	0
747.75	59	0	1	14.6	3.755446	-0.29008	0.488972	0
752	59	0	1	14.5	3.746678	-0.29008	7.28E-16	0
747.75	59	0	1	14.5	3.767972	-0.29008	7.28E-16	0
750.25	59	1.176471	1	14.5	3.746678	-0.29008	7.28E-16	0
812	59	2.352941	1	14.5	3.759204	-0.29008	7.28E-16	0

861.25	59	0	1	14.5	4.068609	-0.29008	-0.52425	0.880143
750.75	59	0	1	14.5	3.761709	-0.29008	-0.54146	0
751.5	59	0	1	14.5	3.761709	-0.29008	-0.54146	0
750.75	59	0	1	14.5	3.791773	-0.29008	-1.7147	0.13671
746.25	59	0	1	14.4	3.761709	-0.29008	-2.27807	0
743.25	59	0	1	14.4	3.739162	-0.29008	-2.5288	0.404438
748.25	59	0	1	14.4	3.72413	-0.29008	-5.02288	0.671353
738	59	0	1	14.5	3.749183	-0.29008	-3.88928	1.081391
721.5	59	0	1	14.5	3.652039	-0.14504	-3.95253	3.6868
764.25	59	0	1	14.4	3.749477	-0.14504	-3.76425	4.325904
741	59	0	1	14.4	3.868428	-0.14504	-4.39467	2.928937
742.25	59	0	1	14.6	3.750742	-0.14504	-4.29125	4.192134
744.5	59	0	1	14.6	3.757069	-0.14504	-4.04742	4.470122
767.25	59	0	1	14.6	3.768458	-0.14504	-4.09135	4.619541
744.75	59	0	1	14.5	3.769724	-0.14504	-2.24032	4.485178
749.25	59	0	1	14.5	3.796298	-0.14504	-1.26542	4.790541
749.25	59	0	1	14.4	3.796298	-0.14504	5.46E-16	4.790541
746	59	0	1	14.4	3.776051	-0.14504	-0.58434	4.764991
748	59	0	1	14.6	3.782378	-0.14504	-1.61366	5.045717
746.25	59	0	1	14.6	3.786174	-0.14504	-1.02931	5.187289
749.5	59	0	1	14.6	3.777316	-0.14504	-1.284	5.583717
748.25	59	0	1	14.6	3.832088	0	-1.284	5.941008
749.25	59	0	1	14.5	3.825697	0	5.46E-16	5.931099
748.5	59	0	1	14.5	3.792501	-0.14504	5.46E-16	5.7429
749.5	59	0	1	14.5	3.826975	0	5.46E-16	5.933081
747.25	59	0	1	14.6	3.820584	0	5.46E-16	6.060921
748.75	59	0	1	14.6	3.833366	0	5.46E-16	5.942989
749.5	59	0	1	14.5	3.828253	0	5.46E-16	5.935063
748.75	59	0	1	14.6	3.832088	0	5.46E-16	6.079171
749.25	59	0	1	14.6	3.828253	0	5.46E-16	5.935063
750	59	0	1	14.6	3.792501	-0.14504	5.46E-16	5.879636
750	59	0	1	14.6	3.834644	0	5.46E-16	6.083226
749.25	59	0	1	14.5	3.83081	0	5.46E-16	6.077143
751.75	59	0	1	14.5	3.835922	0	5.46E-16	6.085254
751.75	59	0	1	14.6	3.835922	0	5.46E-16	6.085254
753	59	0	1	14.6	3.843592	0	5.46E-16	6.097421
748.75	59	0	1	14.5	3.828253	0	5.46E-16	5.797038
749.75	59	0	1	14.5	3.839757	0	5.46E-16	5.952898
748	59	0	1	14.5	3.833366	0	5.46E-16	5.942989
750	59	0	1	14.5	3.824419	0	5.46E-16	5.791232
749.25	59	0	1	14.6	3.834644	0	5.46E-16	5.944971
747.5	59	0	1	14.6	3.83081	0	5.46E-16	6.077143
745.5	59	0	1	14.6	3.821862	0	5.46E-16	6.062949
746.75	59	0	1	14.5	3.811636	0	5.46E-16	6.184153
752.75	59	0	1	14.5	3.848705	0	5.46E-16	6.244294
750	59	0	1	14.5	3.834644	0	5.46E-16	6.221481
749.5	59	0	1	14.5	3.860209	0	5.46E-16	5.984604

744.75	59	0	1	14.6	3.832088	0	5.46E-16	6.49366
747.75	59	0	1	14.6	3.807802	0	5.46E-16	6.589793
753.75	59	0	1	14.5	3.82314	0	5.46E-16	6.340657
748.75	59	0	1	14.5	3.853817	0	5.46E-16	6.669428
753.25	59	0	1	14.5	3.828253	0	5.46E-16	6.211112
753.75	59	0	1	14.5	3.812748	-0.14504	5.46E-16	6.185957
754.5	59	0	1	14.5	3.853817	0	1.071462	6.113643
750.25	59	0	1	14.5	3.835922	0	5.46E-16	5.808651
746.25	59	0	1	14.5	3.777316	-0.14504	5.46E-16	5.856094
748.25	59	0	1	14.5	3.825697	0	-1.23064	6.344897
745.75	59	0	1	14.5	3.812915	0	-1.23064	6.46117
749	59	0	1	14.6	3.829531	0	5.46E-16	6.627398
748.5	59	0	1	14.6	3.82314	0	5.46E-16	6.616338
752	59	0	1	14.6	3.826975	0	5.46E-16	6.484996
750	59	0	1	14.6	3.84487	0	5.46E-16	6.792567
750	59	0	1	14.5	3.834644	0	5.46E-16	6.497992
751.25	59	0	1	14.6	3.834644	0	5.46E-16	6.774502
747.5	59	0	1	14.6	3.841035	0	5.46E-16	6.647307
748.5	59	0	1	14.5	3.821862	0	5.46E-16	6.75192
749.75	59	0	1	14.5	3.826975	0	5.46E-16	6.760953
750	59	0	1	14.5	3.833366	0	5.46E-16	6.634035
1593.5	59	34.11765	1	14.6	8.364126	2.030528	1.575384	23.82341
1860.5	59	41.17647	1	14.6	13.58039	7.251887	3.252921	58.26604
1860.5	60.8	42.7451	1	14.6	16.39967	10.58776	3.982078	73.31839
1971.5	60.8	42.7451	1	14.6	18.23475	12.32821	3.581375	80.86508
2012	60.8	42.7451	1	14.6	19.18622	13.19843	3.352875	83.00932
2018.25	60.8	42.7451	1	14.6	19.78539	13.48851	3.462765	81.32154
2051	60.8	43.13726	1	14.6	20.36101	14.2137	3.6189	82.21928
2070	60.8	43.52941	1	14.6	20.90042	14.50377	2.278573	82.89032
2076.5	60.8	43.92157	1	14.6	21.58347	15.08392	2.343136	84.04295
2095.25	60.8	43.92157	1	14.6	21.67161	14.93889	2.499326	82.82343
1992	60.8	43.92157	1	14.6	20.21634	14.64881	1.843002	90.38167
2002.75	60.8	43.92157	1	14.6	20.40068	14.64881	1.657785	89.73476
2014	60.8	44.70588	1	14.6	20.71486	14.93889	2.264057	90.36986
2025	60.8	44.31372	1	14.6	21.15135	15.22896	1.63027	89.98629
2047.5	60.8	44.70588	1	14.5	21.6119	15.66408	1.653923	91.94567
2048	60.8	44.31372	1	14.5	21.69934	15.66408	2.086221	90.75294
2071.75	60.8	44.31372	1	14.6	22.12203	16.24423	1.923269	90.128
2073.5	60.8	44.31372	1	14.6	22.37858	16.24423	1.38183	91.98003
2085.25	60.8	40	1	14.6	22.60878	16.5343	1.62379	91.29591
2002.75	62.6	33.72549	1	14.6	22.31191	15.95415	2.133336	86.87936
1695.75	62.6	29.41176	1	14.6	18.20286	11.45798	1.475072	83.34885
1709.5	62.6	29.41176	1	14.6	14.20711	9.427453	1.042812	59.41825
1735.75	62.6	30.19608	1	14.6	12.97818	6.961812	0.523585	42.58058
1735.75	60.8	30.19608	1	14.6	12.97818	6.961812	0.373874	42.58058
1759.25	60.8	30.19608	1	14.6	13.00061	6.816774	0.848547	42.18543
1777	60.8	30.19608	1	14.6	13.30957	6.816774	1.023109	41.2685

1800	60.8	30.98039	1	14.6	13.51533	7.106849	0.548436	41.90648
1808	62.6	28.23529	1	14.5	13.34398	6.671736	0.448017	38.96965
1807.25	62.6	23.92157	1	14.5	12.66886	5.511434	0.448017	29.23301
1788	62.6	25.09804	1	14.6	11.65418	3.916019	-4.55E-16	20.58895
1791.25	60.8	25.09804	1	14.6	11.34847	3.625943	-0.54972	20.86718
1789	60.8	28.23529	1	14.6	11.86476	4.351132	-0.54972	26.09425
1799	60.8	26.66667	1	14.6	12.48792	5.366396	-4.55E-16	31.51697
1794.25	60.8	25.88235	1	14.6	12.64939	5.511434	-4.55E-16	31.01235
1796.25	60.8	23.92157	1	14.6	11.9894	4.49617	-4.55E-16	26.80064
1781.25	60.8	23.13725	1	14.6	11.45314	3.770981	-4.55E-16	20.23378
1765.75	60.8	23.92157	1	14.6	11.34473	3.625943	-0.61717	20.45127
1758	60.8	24.31373	1	14.5	11.10708	3.480906	-0.58367	22.4256
1746.5	60.8	25.88235	1	14.5	11.30138	3.916019	-0.58367	24.44776
1744.25	60.8	27.05882	1	14.6	11.44485	4.206094	-4.55E-16	28.0592
1755	60.8	27.05882	1	14.6	11.73119	4.641208	-4.55E-16	29.60712
1747.75	60.8	27.05882	1	14.6	12.07175	5.076321	-4.55E-16	30.46663
1750.25	60.8	27.05882	1	14.6	12.11093	5.221359	0.557582	31.00216
1757	60.8	27.45098	1	14.6	12.35407	5.511434	-4.55E-16	31.62457
1773.25	60.8	27.45098	1	14.6	12.37798	5.366396	-4.55E-16	31.68578
1772.5	60.8	27.84314	1	14.6	12.31516	5.366396	-4.55E-16	31.52496
1782.25	60.8	28.23529	1	14.6	12.64368	5.801509	0.509545	33.27765
1782.5	60.8	28.23529	1	14.6	12.80404	5.946547	0.509545	33.6997
1786.25	60.8	28.23529	1	14.6	12.89666	6.091585	-4.55E-16	33.01351
1797.5	60.8	28.23529	1	14.6	12.9136	5.946547	0.516316	32.59129
1804.75	60.8	28.23529	1	14.6	13.04395	6.236623	-4.55E-16	32.44997
1799.25	60.8	28.23529	1	14.6	13.05764	6.091585	-4.55E-16	32.01325
1811.5	60.8	28.23529	1	14.6	13.10952	6.236623	-4.55E-16	32.6131
1802.25	60.8	30.98039	1	14.6	13.10648	6.091585	-4.55E-16	33.07807
1807.25	60.8	30.98039	1	14.6	13.22321	6.38166	-4.55E-16	35.75644
1802.75	60.8	25.88235	1	14.6	13.81239	7.251887	-4.55E-16	43.32556
1788.5	60.8	25.4902	1	14.6	12.66669	5.656472	-0.65681	28.31463
1761.25	59	25.09804	1	14.6	12.06571	4.786245	-1.35873	25.66617
1729.25	59	20	1	14.6	11.16623	3.480906	-1.08492	19.32431
1711.75	59	21.17647	1	14.6	10.78652	3.19083	-1.39356	18.27829
1688.75	59	5.490196	1	14.6	10.50232	2.900755	-1.61157	17.7967
1649.75	59	0	1	14.5	9.109735	1.160302	-2.07366	0
1601.75	59	0	1	14.5	8.680893	0.870226	-3.25966	0
1513.5	59	0	1	14.5	8.372179	0.725189	-2.56688	0
1430.75	59	0	1	14.6	8.125228	0.725189	-3.10148	0
1337.5	59	0	1	14.6	7.53468	0.435113	-4.13487	0
1279.5	59	0	1	14.6	6.672741	0.290076	-3.80254	0
820	59	0	1	14.6	5.588726	0.145038	-3.87778	0
741.75	59	0	1	14.6	4.192544	0	-4.76725	0
746.25	59	0	1	14.6	3.754539	-0.14504	-4.56505	0
742.5	59	0	1	14.6	3.777316	-0.14504	-4.56412	0.136188
745.25	60.8	0	1	14.6	3.720372	-0.29008	-4.60881	0.804811
735.75	60.8	0	1	14.6	3.698767	-0.29008	-3.99723	1.733631

731.25	60.8	0	1	14.6	3.711288	-0.14504	-3.68046	2.943768
746	60.8	0	1	14.6	3.688589	-0.14504	-3.84577	4.654624
746.25	60.8	0	1	14.5	3.762992	-0.14504	-4.39019	5.155527
743.25	60.8	0	1	14.6	3.74912	-0.14504	-4.17189	5.136522
760.25	60.8	0	1	14.6	3.802276	0	-3.55818	5.346437
768.75	60.8	0	1	14.5	3.834872	-0.14504	-2.80131	4.147901
871.75	60.8	15.29412	1	14.7	3.877748	-0.14504	-0.04135	1.677711
1604.5	60.8	25.88235	1	14.7	7.972678	1.450377	2.61154	23.85825
1805	60.8	28.23529	1	14.6	10.30077	3.770981	5.16118	30.45367
1589.5	60.8	24.70588	1	14.6	12.13977	4.641208	5.518764	28.01216
1590.75	60.8	23.13725	1	14.6	10.36644	4.061057	3.667382	28.77907
1606	59	25.09804	1	14.6	10.29354	3.916019	3.302403	28.20556
1675.5	59	25.88235	1	14.6	11.13657	4.351132	2.602619	29.311
1684.5	59	29.80392	1	14.6	11.41241	5.221359	2.842698	35.79752
1726.75	59	30.98039	1	14.6	12.05766	5.801509	2.749366	41.2993
1785	59	32.94118	1	14.6	12.8898	6.671736	3.409127	44.61425
1808.5	59	32.94118	1	14.6	13.87221	7.541962	3.199098	47.51442
1856.5	59	32.94118	1	14.6	14.68791	8.122113	3.035275	47.66053
1856.5	59	34.5098	1	14.6	14.68791	8.122113	2.872886	47.66053
1899.25	59	34.90196	1	14.6	15.63406	8.847302	2.27855	50.73067
1952.75	59	34.90196	1	14.6	16.15178	9.282415	2.631595	50.66357
1926.25	60.8	34.90196	1	14.6	16.37398	9.282415	2.742069	50.17986
1832	60.8	33.72549	1	14.6	16.19406	9.427453	2.754446	56.63485
1824	60.8	32.94118	1	14.6	15.21501	9.137378	2.256332	53.21086
1433	60.8	26.27451	1	14.6	14.51988	8.122113	2.430442	46.59177
1433	60.8	20.39216	1	14.6	9.78386	4.931283	2.069564	37.0387
1470.75	60.8	20.39216	1	14.6	9.425669	4.061057	2.085641	28.20633
1492.25	60.8	17.64706	1	14.6	9.292227	3.480906	0.601406	25.79685
1500	59	7.058824	1	14.6	9.275998	3.19083	-2.73E-15	24.41405
1504.75	59	2.352941	1	14.6	8.232125	1.015264	-2.73E-15	0
1481	59	5.882353	1	14.6	8.007121	0.725189	-0.63884	0
1475.25	60.8	8.627451	1	14.6	7.950751	0.725189	-0.63884	0
1473.25	60.8	1.176471	1	14.6	8.042826	1.015264	-2.73E-15	1.739867
1470.25	60.8	0	1	14.6	7.790831	0.580151	-0.60594	0
1447.75	60.8	0	1	14.6	7.649006	0.435113	-0.60594	0
1447.75	60.8	0	1	14.5	7.597838	0.435113	-0.37295	0
1425.25	60.8	0	1	14.5	7.479757	0.435113	-0.9061	0
1391.25	60.8	0	1	14.6	7.412845	0.435113	-1.0265	0
1371.75	60.8	0	1	14.6	7.230438	0.290076	-1.07769	0
1351	60.8	0	1	14.5	7.129095	0.290076	-1.08498	0
1314.75	60.8	0	1	14.5	7.021255	0.290076	-1.73363	0
1289.25	60.8	0	1	14.5	6.700336	0.290076	-2.26866	0
1253.5	60.8	0	1	14.5	6.700336	0.290076	-2.28557	0
824	60.8	0	1	14.5	4.198426	0	-2.70465	0
749.25	60.8	0	1	14.5	3.776863	-0.14504	-3.60174	0
742.75	60.8	0	1	14.5	3.779386	-0.14504	-4.39251	0
747.5	60.8	0	1	14.6	3.708754	-0.29008	-3.62527	0

747.25	60.8	0	1	14.5	3.770558	-0.14504	-2.4544	0
744.25	60.8	0	1	14.5	3.731223	-0.29008	-2.17187	0.134526
744.75	60.8	0	1	14.5	3.754164	-0.14504	-2.80274	0.270707
744.5	60.8	0	1	14.5	3.755425	-0.14504	-1.89903	1.083192
895.5	60.8	0	1	14.4	4.517103	-0.14504	-1.00295	4.72296
745.25	60.8	0	1	14.4	3.802084	-0.14504	-1.05335	3.015787
745.25	60.8	0	1	14.6	3.759209	-0.14504	-1.2054	3.117313
737.75	60.8	0	1	14.6	3.765514	-0.14504	-1.18225	3.801356
748.75	60.8	0	1	14.6	3.721377	-0.14504	-1.16745	4.427655
753	60.8	0	1	14.6	3.776863	-0.14504	-3.54091	4.766016
756	60.8	0	1	14.6	3.813434	-0.14504	-3.42214	3.987222
749.25	60.8	0	1	14.6	3.77308	-0.14504	-2.38411	4.217101
1170	60.8	6.666667	1	14.6	3.817561	0	-1.11535	5.36793
1457.5	60.8	27.84314	1	14.6	6.259425	0.725189	0.002361	15.34615
1625.75	60.8	33.72549	1	14.5	8.614415	2.320604	2.17993	27.64216
1836.25	60.8	37.64706	1	14.5	12.83434	6.38166	4.0966	49.51236
1976.5	60.8	42.35294	1	14.6	15.90523	10.15264	4.930278	64.22649
2037.75	60.8	41.56863	1	14.6	18.63064	12.32821	4.271489	75.2319
2069	60.8	41.56863	1	14.6	20.873	14.2137	4.183404	77.51368
1953.25	60.8	40.78431	1	14.5	20.873	14.2137	3.423137	77.51368
1978	60.8	41.17647	1	14.5	19.65261	13.77859	2.78847	77.94155
2029.5	60.8	41.17647	1	14.6	20.11765	14.06866	2.686311	79.06059
2038.25	60.8	41.56863	1	14.6	20.2677	13.92362	3.01062	77.45803
2042.75	60.8	41.56863	1	14.6	20.56278	14.2137	2.518152	77.84441
2054.75	60.8	41.56863	1	14.6	20.71226	14.35874	2.180273	76.91676
2075.5	60.8	41.56863	1	14.6	20.93863	14.50377	2.190845	77.00246
1955.25	60.8	42.7451	1	14.5	20.83283	14.06866	2.190845	75.86227
1994.75	60.8	45.09804	1	14.5	20.63211	14.93889	1.466118	89.265
2033.25	60.8	45.09804	1	14.5	21.82499	16.24423	1.669819	96.78661
2041.75	60.8	45.09804	1	14.5	22.3771	16.82438	2.049292	96.81469
2044	62.6	44.70588	1	14.6	22.3932	16.82438	1.879225	95.26962
1985.75	62.6	34.90196	1	14.5	21.38001	15.374	1.980733	84.02155
1466.25	62.6	33.72549	1	14.5	18.75415	12.47325	1.10509	65.58814
1499.5	62.6	25.88235	1	14.6	11.98654	8.847302	1.534232	65.68914
1520.5	62.6	23.13725	1	14.6	10.90004	6.091585	0.564479	40.87123
1521.25	62.6	19.60784	1	14.6	10.03667	4.351132	-3.19E-15	30.03475
1504.5	62.6	20.39216	1	14.6	9.578161	3.480906	-3.19E-15	24.17333
1501.25	62.6	20.39216	1	14.6	9.319914	3.19083	-3.19E-15	23.85758
1495.75	62.6	20.39216	1	14.6	9.223554	3.045793	-0.5401	23.61092
1490.75	62.6	19.21569	1	14.5	9.113813	2.900755	-0.5401	22.34422
1488.25	62.6	18.43137	1	14.5	9.007653	2.755717	-3.19E-15	21.75919
1483.75	62.6	18.43137	1	14.6	8.91698	2.610679	-0.3761	21.54015
1469.5	62.6	19.60784	1	14.6	8.730021	2.465641	-3.19E-15	20.45902
1468.5	62.6	19.60784	1	14.6	8.800143	2.610679	-0.53671	21.25792
1468.5	62.6	16.47059	1	14.5	8.649516	2.320604	-0.1291	20.89406
1459	62.6	16.86275	1	14.5	8.572032	2.175566	-0.09946	16.68913
1459.5	62.6	21.56863	1	14.6	8.667644	2.465641	-0.50707	20.00033

1478.75	62.6	26.27451	1	14.6	9.11526	3.335868	-3.19E-15	27.93471
1482.75	62.6	25.09804	1	14.6	9.685997	4.206094	0.530698	38.06511
1498.25	62.6	21.56863	1	14.6	9.938063	4.641208	1.07954	37.62247
1508.25	62.6	19.60784	1	14.6	9.965876	4.49617	0.523742	32.69739
1507.5	62.6	21.17647	1	14.6	9.338498	3.19083	-3.10E-15	23.90516
1506.75	62.6	13.33333	1	14.6	9.155691	2.755717	-3.10E-15	20.46629
1491.5	62.6	14.90196	1	14.6	8.721796	2.030528	-0.50301	11.00602
1479.75	62.6	15.68627	1	14.6	8.633521	2.030528	-0.99948	12.451
1469.5	62.6	15.68627	1	14.6	8.490371	1.885491	-0.49647	13.46901
1461	62.6	15.68627	1	14.6	8.506175	2.030528	-3.10E-15	13.80076
1454.5	62.6	15.68627	1	14.6	8.456973	2.030528	-0.49348	14.33075
1449.25	62.6	15.68627	1	14.6	8.345493	1.885491	-0.49348	14.44274
1445.25	62.6	15.29412	1	14.6	8.315371	1.885491	-3.10E-15	14.69041
1442.25	62.6	14.90196	1	14.6	8.201975	1.740453	-0.69647	13.0115
1435.25	60.8	15.68627	1	14.6	8.182071	1.740453	-3.10E-15	13.56992
1450.25	60.8	17.64706	1	14.6	8.263523	1.885491	-3.10E-15	15.49262
1454.5	60.8	20.39216	1	14.6	8.571565	2.320604	-3.10E-15	21.63288
1474.25	60.8	23.13725	1	14.6	9.04134	3.19083	0.503315	27.05622
1489.75	60.8	23.13725	1	14.6	9.389455	3.625943	1.062368	29.7906
1503.75	60.8	23.13725	1	14.6	9.730577	3.916019	1.044218	30.17125
1541.75	60.8	23.52941	1	14.6	9.957759	4.206094	1.070223	30.51664
1552	60.8	24.70588	1	14.6	10.29069	4.49617	1.011703	32.27899
1571.25	60.8	24.70588	1	14.6	10.43818	4.641208	0.977268	32.3653
1585.75	60.8	24.70588	1	14.6	10.64771	4.786245	0.929971	32.24718
1599.25	60.8	24.70588	1	14.6	10.66517	4.641208	0.908901	31.53102
1608.75	60.8	23.92157	1	14.6	10.67448	4.49617	0.449313	31.17369
1614.5	60.8	22.35294	1	14.6	10.41002	3.916019	-3.28E-15	26.27277
1612	60.8	21.96078	1	14.6	10.20044	3.480906	-3.28E-15	24.27276
1618	60.8	23.13725	1	14.6	10.10251	3.335868	-3.28E-15	24.03973
1616	60.8	23.92157	1	14.6	10.22256	3.480906	-3.28E-15	25.06251
1618.25	60.8	23.52941	1	14.6	10.37459	3.770981	0.590142	26.55741
1616.5	60.8	23.52941	1	14.6	10.47149	3.916019	0.094693	27.56054
1617.25	60.8	23.92157	1	14.6	10.46502	3.916019	0.057235	27.5435
1615	60.8	27.05882	1	14.6	10.77961	4.49617	0.141175	30.70339
1621.5	60.8	23.13725	1	14.6	11.13971	5.076321	0.165409	35.7454
1621.5	60.8	19.21569	1	14.6	10.32729	3.625943	0.089886	25.69162
1616.5	60.8	22.7451	1	14.6	10.04835	3.19083	-0.48703	21.01256
1610	60.8	29.01961	1	14.6	10.6642	4.351132	-3.28E-15	33.4506
1612	60.8	29.41176	1	14.6	11.25239	5.366396	-3.28E-15	40.97533
1623.5	60.8	28.62745	1	14.6	11.66355	5.946547	0.39178	42.47254
1643.5	60.8	27.05882	1	14.6	11.62898	5.801509	0.39178	40.25028
1643.5	60.8	24.70588	1	14.6	11.55601	5.511434	0.498924	34.16474
1641	60.8	24.31373	1	14.6	11.22106	4.931283	0.498924	30.74706
1645.5	60.8	25.88235	1	14.6	11.12038	4.786245	-3.28E-15	30.47118
1642.75	60.8	26.27451	1	14.6	11.31855	5.076321	-3.28E-15	34.27886
1629.25	60.8	22.35294	1	14.6	10.37893	3.480906	-0.6867	20.58123
1611.75	60.8	23.13725	1	14.6	10.08409	3.19083	-0.6867	22.90518

1605.25	60.8	23.52941	1	14.6	10.18307	3.480906	-0.49529	26.06713
1605.25	60.8	23.13725	1	14.6	10.18307	3.480906	-0.81059	26.06713
1607.25	60.8	25.09804	1	14.6	10.142	3.480906	-0.3153	25.59634
1609	60.8	27.05882	1	14.6	10.82154	4.641208	0.535855	33.16381
1618.5	60.8	24.70588	1	14.6	11.02135	4.931283	0.535855	34.57087
1628.25	60.8	25.4902	1	14.6	11.05037	4.931283	0.497221	31.873
1640.5	60.8	19.60784	1	14.6	11.03397	4.786245	0.497221	32.22354
1632.75	60.8	19.60784	1	14.6	10.06617	3.045793	-3.28E-15	18.87226
1617.75	60.8	13.33333	1	14.6	9.719992	2.465641	-3.28E-15	15.77011
1603.25	60.8	12.15686	1	14.6	9.396703	2.030528	-0.47588	5.081863
1587.5	60.8	14.11765	1	14.6	9.149103	1.740453	-1.51982	4.28823
1580.75	60.8	13.72549	1	14.6	9.059224	1.740453	-0.44538	7.185714
1574.25	60.8	14.11765	1	14.6	8.940163	1.595415	0.598562	8.702929
1570.25	60.8	14.90196	1	14.6	8.9034	1.595415	-0.43048	4.815079
1561	60.8	15.29412	1	14.6	8.960785	1.740453	-3.28E-15	8.399929
1563.5	60.8	17.64706	1	14.6	8.907999	1.740453	-3.28E-15	9.956303
1562.5	60.8	17.64706	1	14.6	9.075784	2.030528	-3.28E-15	14.07048
1580.75	60.8	18.43137	1	14.6	9.202271	2.175566	-3.28E-15	15.92548
1590	60.8	19.21569	1	14.6	9.262331	2.175566	0.478788	16.02942
1590	60.8	21.17647	1	14.6	9.262331	2.175566	0.837359	16.02942
1607.5	60.8	21.96078	1	14.6	9.828596	2.900755	0.358571	22.6792
1636	60.8	21.96078	1	14.6	10.07234	3.045793	0.503759	22.87847
1653.25	60.8	21.56863	1	14.6	10.08621	3.045793	1.029299	21.45538
1669.25	60.8	20.39216	1	14.6	10.10832	2.900755	1.031446	19.31573
1678.75	60.8	17.64706	1	14.5	10.1211	2.755717	0.614812	17.88051
1689	60.8	12.54902	1	14.5	9.896616	2.175566	-3.28E-15	5.352223
1697	60.8	14.11765	1	14.6	9.770561	1.885491	0.479065	2.113621
1706.25	60.8	15.29412	1	14.6	9.813744	1.885491	0.479065	2.830616
1719.5	60.8	15.68627	1	14.6	9.823819	1.885491	-3.28E-15	3.541902
1725.5	60.8	15.68627	1	14.6	9.987719	2.030528	0.510061	5.401492
1731	60.8	11.76471	1	14.6	10.02257	2.030528	0.510061	5.781696
1729	60.8	10.58823	1	14.6	9.690516	1.450377	-3.28E-15	0
1710.5	60.8	10.19608	1	14.6	9.463425	1.160302	-0.52228	0
1710.5	60.8	10.98039	1	14.6	9.325371	1.015264	-0.52228	0
1703	60.8	12.94118	1	14.6	9.378131	1.160302	-3.28E-15	0
1709	60.8	18.43137	1	14.6	9.544794	1.450377	-3.28E-15	0
1711.25	60.8	21.17647	1	14.6	9.839652	1.885491	-3.28E-15	6.385699
1720.5	60.8	23.92157	1	14.6	10.02699	2.175566	0.370657	11.56849
1732.75	60.8	27.05882	1	14.6	10.94755	3.480906	0.55271	24.86644
1772.75	60.8	28.62745	1	14.6	11.66567	4.49617	1.095173	31.96536
1783	60.8	28.23529	1	14.6	12.37449	5.366396	1.060562	33.9076
1807.75	60.8	28.62745	1	14.6	12.89513	5.801509	0.625491	33.47452
1803.5	60.8	28.62745	1	14.6	12.86481	5.801509	1.185007	33.39582
1831	60.8	28.23529	1	14.6	13.08063	5.946547	0.559516	31.59801
1834.75	60.8	28.23529	1	14.6	13.06098	5.801509	0.516599	30.60872
1845	60.8	27.84314	1	14.6	12.99424	5.656472	0.516599	30.45233
1839	60.8	27.84314	1	14.6	12.97283	5.511434	-3.28E-15	29.4667

1841.5	60.8	29.01961	1	14.6	13.02434	5.656472	-3.28E-15	29.5837
1840.25	60.8	28.62745	1	14.6	13.2297	5.946547	-3.28E-15	32.4351
1838.25	60.8	28.62745	1	14.6	13.39368	6.236623	-3.28E-15	32.35422
1841.75	60.8	28.62745	1	14.6	13.41918	6.236623	-3.28E-15	32.89964
1840	60.8	28.23529	1	14.6	13.23509	5.946547	-3.28E-15	31.49395
1819.75	60.8	23.92157	1	14.6	12.65642	5.076321	-3.28E-15	28.748
1808	59	24.31373	1	14.6	11.86809	4.061057	-0.49103	20.11106
1784	59	23.92157	1	14.6	11.46262	3.480906	-1.21911	20.25052
758.5	60.8	0	1	14.5	3.824784	-0.14504	-2.37E-15	0
759.5	60.8	0	1	14.6	3.787398	-0.29008	-2.37E-15	0
757.5	60.8	0	1	14.6	3.792391	-0.29008	-2.37E-15	0
757.5	60.8	0	1	14.6	3.782404	-0.29008	-0.49762	0
753.25	60.8	0	1	14.6	3.782404	-0.29008	-2.37E-15	0
758.5	60.8	0	1	14.6	3.787398	-0.29008	-0.58155	0
749	60.8	0	1	14.6	3.779908	-0.29008	-0.58155	0
744.5	60.8	0	1	14.6	3.739962	-0.29008	-2.37E-15	0
747.5	60.8	0	1	14.6	3.717492	-0.29008	-2.37E-15	0
749	60.8	0	1	14.6	3.732472	-0.29008	-0.50891	0
747.5	60.8	0	1	14.5	3.739962	-0.29008	-2.37E-15	0
750.5	62.6	0	1	14.6	3.732472	-0.29008	-2.37E-15	0
753	62.6	0	1	14.6	3.734536	-0.29008	0.516056	0
748	62.6	0	1	14.6	3.746976	-0.29008	0.516056	0
750.75	62.6	0	1	14.6	3.73578	-0.29008	0.58548	0
754.25	62.6	0	1	14.5	3.714898	-0.43511	0.58548	0
753	62.6	0	1	14.5	3.743244	-0.29008	-2.37E-15	0
752	62.6	0	1	14.6	3.746976	-0.29008	-0.54808	0
745	62.6	0	1	14.6	3.742	-0.29008	-0.54808	0
748.25	62.6	0	1	14.5	3.707168	-0.29008	-1.63767	0
748.75	62.6	0	1	14.5	3.761333	-0.14504	-2.59561	0
749.5	62.6	0	1	14.5	3.698459	-0.29008	-2.21725	0.26669
746.5	62.6	0	1	14.6	3.72956	-0.29008	-1.89707	0
755	62.6	0	1	14.6	3.714632	-0.29008	-1.14213	0.133928
748	62.6	0	1	14.5	3.795264	-0.14504	-1.11471	0.136835
745	62.6	0	1	14.6	3.734942	-0.14504	-1.91993	0.673302
742.5	62.6	0	1	14.6	3.707168	-0.29008	-3.1125	0.801954
735	62.6	0	1	14.5	3.694727	-0.29008	-4.8848	1.198895
717.5	62.6	0	1	14.6	3.694727	-0.14504	-5.66071	2.664211
747	62.6	0	1	14.6	3.792979	0	-5.72848	5.333365
743.75	62.6	0	1	14.5	3.775208	0	-5.75752	5.036151
753	62.6	0	1	14.5	3.776477	0	-5.68991	5.446319
779.75	62.6	18.43137	1	14.5	3.785211	-0.14504	-0.7895	4.640077
1390.25	62.6	24.70588	1	14.6	7.765071	1.450377	4.335805	23.51695
1559	62.6	28.62745	1	14.6	9.657524	3.19083	5.430036	28.20376
1767.25	62.6	30.98039	1	14.5	9.657524	3.19083	5.430036	28.20376
1723.25	62.6	32.94118	1	14.5	12.6	6.38166	5.794694	44.51977
1869	62.6	33.72549	1	14.6	14.00798	7.396924	5.552173	46.96935
1805.75	60.8	34.11765	1	14.6	14.5198	7.687	4.668864	46.06801

1827	60.8	34.11765	1	14.6	14.44497	8.267151	4.478262	53.12181
1845	60.8	33.72549	1	14.6	14.80113	8.557226	4.187552	52.8307
1860.25	60.8	28.62745	1	14.6	14.94696	8.557226	3.555078	51.19559
1824.75	60.8	25.88235	1	14.6	13.57424	6.671736	2.740782	35.23743
1809.5	60.8	25.88235	1	14.6	12.43661	5.221359	1.667127	27.80033
1754	60.8	12.15686	1	14.6	12.07784	4.49617	1.296019	25.69197
1304.25	60.8	8.627451	1	14.6	7.44283	1.740453	0.537381	8.587056
1247	60.8	7.843137	1	14.6	7.093518	1.30534	-4.28E-15	5.370778
1222.5	60.8	5.098039	1	14.6	6.798443	1.015264	-4.28E-15	2.941352
1146.5	60.8	5.882353	1	14.6	6.540296	0.725189	-0.44206	0
1253.5	60.8	7.843137	1	14.6	6.380295	0.435113	-0.44206	1.610256
1246	60.8	8.627451	1	14.6	6.642276	0.580151	-4.28E-15	3.831714
1252.25	60.8	8.627451	1	14.6	6.666019	0.725189	-0.52899	5.768117
1277.75	60.8	9.411765	1	14.6	6.763261	0.870226	-0.18913	6.339948
1281.25	60.8	10.98039	1	14.5	6.966087	1.015264	-4.28E-15	8.539335
1283.5	60.8	10.98039	1	14.5	7.062832	1.160302	-4.28E-15	9.421864
1287	60.8	10.98039	1	14.6	7.082092	1.160302	-4.28E-15	9.192217
1291	60.8	10.98039	1	14.6	7.097224	1.160302	-4.28E-15	9.211859
1291.5	60.8	10.98039	1	14.6	7.038324	1.015264	0.574296	9.135408
1295.75	60.8	10.98039	1	14.6	7.130241	1.160302	-4.28E-15	8.997638
1302.5	60.8	10.98039	1	14.6	7.164634	1.160302	-4.28E-15	9.557668
1303.5	60.8	10.98039	1	14.6	7.167385	1.160302	-4.28E-15	9.561338
1301.5	60.8	10.19608	1	14.6	7.172888	1.160302	-4.28E-15	9.568679
1282.25	60.8	7.45098	1	14.6	6.990621	1.015264	-4.28E-15	6.301036
1257.75	60.8	8.627451	1	14.6	6.75651	0.870226	-4.28E-15	3.410411
1273.5	60.8	9.411765	1	14.6	6.792966	0.870226	-0.58436	5.143218
1302	60.8	11.76471	1	14.6	6.87803	0.870226	-0.08723	6.943498
1306	60.8	11.76471	1	14.6	7.164634	1.160302	-4.28E-15	10.0743
1304	60.8	11.76471	1	14.6	7.225164	1.160302	-4.28E-15	10.41991
1254.5	60.8	7.058824	1	14.5	7.109198	1.015264	-4.28E-15	7.945817
1258.75	60.8	8.627451	1	14.6	6.711494	0.725189	-4.28E-15	3.871644
1277.5	60.8	12.15686	1	14.6	6.964725	1.015264	-4.28E-15	7.031018
1305.5	60.8	14.90196	1	14.6	7.183893	1.160302	-4.28E-15	11.65544
1376.75	60.8	16.47059	1	14.6	7.601367	1.450377	-4.28E-15	15.6215
1408	60.8	16.47059	1	14.6	7.856559	1.740453	-4.28E-15	16.99573
1412.25	60.8	17.64706	1	14.6	8.106629	1.885491	-4.28E-15	18.70581
1417.25	60.8	17.64706	1	14.6	8.203056	2.030528	-4.28E-15	18.92831
1417.25	60.8	17.64706	1	14.6	8.232099	2.030528	-4.28E-15	19.88573
1415.75	60.8	16.47059	1	14.6	8.30431	2.175566	-4.28E-15	19.76076
1395.5	60.8	13.33333	1	14.6	7.963557	1.740453	0.572196	16.36584
1314.25	60.8	11.76471	1	14.6	7.445837	1.450377	0.572196	11.81197
1295.25	60.8	8.627451	1	14.6	7.299006	1.30534	-4.28E-15	10.5264
1267.25	60.8	7.843137	1	14.6	7.061494	1.015264	-4.28E-15	6.619515
1285.25	60.8	7.843137	1	14.6	6.844275	0.870226	-4.28E-15	2.96118
1299.25	60.8	7.843137	1	14.6	6.950904	0.725189	0.56059	2.255485
1312.5	60.8	8.235294	1	14.6	6.953578	0.725189	0.56059	2.005647
1316.75	60.8	10.19608	1	14.6	7.021791	0.725189	-4.28E-15	3.037983

1317.5	60.8	10.58823	1	14.6	7.178709	1.015264	-4.28E-15	7.247039
1316	60.8	10.98039	1	14.6	7.182798	1.015264	-4.28E-15	7.769107
1318.25	60.8	15.29412	1	14.6	7.17462	1.015264	-4.28E-15	7.760262
1362.75	60.8	14.90196	1	14.6	7.254054	1.160302	-0.41311	9.415416
1341.75	60.8	10.58823	1	14.6	7.451734	1.30534	-4.28E-15	12.08999
1245	60.8	5.882353	1	14.6	6.982443	1.015264	-4.28E-15	3.776199
1270.25	60.8	6.666667	1	14.6	6.66067	0.725189	-0.42159	0.960581
1293.75	60.8	14.5098	1	14.6	6.795755	0.725189	-0.42159	3.920252
1353.25	60.8	14.90196	1	14.6	7.37537	1.30534	-0.62948	13.82749
1390.75	60.8	16.47059	1	14.6	7.584553	1.450377	-4.28E-15	15.8604
1357.75	60.8	15.68627	1	14.6	7.936451	1.740453	-0.5991	17.74084
1340.25	60.8	14.11765	1	14.6	7.678954	1.595415	-0.08111	15.78095
1323.75	60.8	12.54902	1	14.6	7.579979	1.595415	-0.07764	15.03097
1295.75	60.8	10.58823	1	14.6	7.196262	1.30534	-0.4617	11.67551
1212	60.8	0	1	14.5	6.484122	0.725189	-0.4875	2.10402
748.75	60.8	0	1	14.5	4.586423	0.290076	-0.4875	0
748.75	60.8	0	1	14.6	4.586423	0.290076	-0.33646	0
748.25	60.8	0	1	14.6	3.774341	-0.14504	-0.86399	0
750.75	60.8	0	1	14.6	3.783169	-0.14504	-1.05299	0
750.25	60.8	0	1	14.6	3.7487	-0.29008	-0.52547	0
746.5	60.8	0	1	14.6	3.746203	-0.29008	-0.46003	0
749.75	60.8	0	1	14.6	3.727478	-0.29008	-1.75722	0
745.5	60.8	0	1	14.6	3.743706	-0.29008	-3.28288	0
749.5	60.8	0	1	14.5	3.722485	-0.29008	-3.26944	0
746.75	60.8	0	1	14.5	3.778124	-0.14504	-2.69731	0.817304
742.75	60.8	0	1	14.6	3.728727	-0.29008	-2.67783	0.941055
740.25	62.6	0	1	14.6	3.746598	-0.14504	-2.62489	1.485888
739.25	62.6	0	1	14.6	3.721118	-0.14504	-3.30326	3.219889
748.25	62.6	0	1	14.6	3.716091	-0.14504	-1.10469	4.689329
775	62.6	11.37255	1	14.6	3.935153	0	-3.28E-15	9.505886
1236.75	62.6	1.176471	1	14.5	6.656526	0.870226	0.433454	14.39976
749.75	62.6	0	1	14.5	4.986752	0.435113	-0.16755	0.898968
746.5	62.6	0	1	14.5	3.845012	0.145038	-2.04203	0.970403
738.25	62.6	0	1	14.5	3.790441	0	-2.55748	1.093291
719.25	62.6	0	1	14.5	3.711065	-0.14504	-2.11998	2.006994
740.5	62.6	0	1	14.5	3.615555	-0.14504	-3.80918	4.692817
765.5	62.6	12.94118	1	14.6	3.759975	0	-4.22747	5.558083
1235.5	62.6	20.39216	1	14.5	6.649798	0.870226	1.546323	17.74175
1407.75	62.6	19.21569	1	14.5	8.148736	2.030528	2.964931	22.91612
1401.25	62.6	16.47059	1	14.4	8.182261	2.175566	2.804137	21.83038
1436.25	60.8	19.21569	1	14.4	7.562297	1.885491	2.594869	17.99508
1620.25	60.8	28.23529	1	14.7	8.927896	3.19083	3.138582	28.64807
1094	60.8	0	1	14.4	9.741443	2.610679	2.971062	15.10247
743.25	60.8	0	1	14.4	3.93847	0.580151	-2.64317	2.981968
738.25	60.8	0	1	14.5	3.719364	0.145038	-3.67583	4.425261
742.5	60.8	0	1	14.6	3.799129	0.145038	-3.8549	5.068063
760	60.8	0	1	14.6	3.821	0.145038	-4.13492	5.510529

751.25	60.8	0	1	14.6	3.781895	0	-3.52818	4.772366
1143	60.8	5.882353	1	14.6	3.827751	0	-0.78538	4.968239
1336.5	60.8	14.90196	1	14.5	6.114976	0.725189	2.141551	16.31484
1400	62.6	15.68627	1	14.5	7.490674	1.450377	3.162633	19.44507
1400	62.6	17.2549	1	14.6	8.174962	2.175566	3.436599	20.04245
1481.25	62.6	21.17647	1	14.6	8.458229	2.465641	2.919076	24.09144
1488.25	62.6	21.17647	1	14.6	9.025463	2.900755	2.505695	26.03249
1501	60.8	21.17647	1	14.6	9.068114	2.900755	3.139043	24.84774
1506.5	60.8	13.72549	1	14.6	9.177432	2.900755	1.694235	23.82374
1302	60.8	15.29412	1	14.5	8.269854	2.030528	1.140458	15.20632
1329.75	60.8	15.68627	1	14.5	7.42999	1.740453	0.596842	16.60872
1329.25	60.8	15.68627	1	14.6	7.588348	1.740453	0.491694	16.96271
1112.75	60.8	15.29412	1	14.6	7.585495	1.740453	0.947495	16.68284
805	60.8	0	1	14.4	5.953141	0.725189	-0.57531	3.434175
746.25	60.8	0	1	14.4	4.18365	0.290076	-2.01876	0
739.75	60.8	0	1	14.5	3.802276	0	-3.8131	0.822529
722.5	60.8	0	1	14.6	3.644453	-0.14504	-3.44893	4.467529
923.5	60.8	2.352941	1	14.6	3.783169	-0.14504	-2.16785	6.274364
1236.25	62.6	10.58823	1	14.7	4.829854	0.435113	-1.57047	11.31888
1348.25	62.6	14.90196	1	14.7	6.716607	1.015264	0.069214	16.70918
1400	62.6	17.64706	1	14.6	7.667404	1.740453	1.618294	19.62741
1428.75	60.8	18.43137	1	14.6	8.174962	2.175566	2.340849	22.10565
1483	60.8	18.43137	1	14.6	8.590086	2.610679	2.243815	22.60875
1483.5	60.8	20.39216	1	14.6	8.991815	2.755717	2.067503	24.63866
1493.5	60.8	20	1	14.6	9.055479	2.755717	1.194665	23.50716
1487	60.8	15.68627	1	14.6	8.788772	2.320604	0.629651	20.91358
840.75	60.8	0	1	14.6	6.926753	1.595415	-5.19E-15	5.743991
743	60.8	0	1	14.5	4.412283	0.435113	-0.99022	0
722.25	60.8	0	1	14.5	3.823573	0.145038	-3.14663	0.964992
734.5	60.8	0	1	14.5	3.679991	0	-4.34231	4.378415
744.5	60.8	0	1	14.5	3.742407	0	-5.02016	5.532114
755.25	60.8	0	1	14.5	3.92456	0	-4.97285	4.810897
752.5	62.6	0	1	14.5	3.83487	0	-2.19318	4.839214
902.5	62.6	8.627451	1	14.7	4.628374	0.145038	-1.56134	9.177985
1218	62.6	10.19608	1	14.7	5.966059	0.435113	-0.11827	12.9061
817.25	62.6	0	1	14.4	6.555609	0.870226	1.109615	13.94509
738	62.6	0	1	14.5	4.274172	0.435113	-1.32629	2.927938
741.5	62.6	0	1	14.5	3.818088	0.145038	-1.49984	5.643987
755.5	62.6	0	1	14.6	3.765052	0	-1.23305	6.108573
750.75	62.6	0	1	14.6	3.8745	0.145038	-0.36857	6.146453
747.75	62.6	0	1	14.5	3.81202	0	-1.84262	6.184775
752.75	62.6	0	1	14.5	3.796788	0	-1.84262	6.296951
751	62.6	0	1	14.5	3.81329	0	-5.10E-15	6.32432
791.25	62.6	6.666667	1	14.7	4.05784	0.145038	-5.10E-15	8.192929
747.75	62.6	0	1	14.7	4.378365	0.145038	1.698891	5.209333
747.5	62.6	0	1	14.5	3.834755	0.145038	1.698891	6.083403
743	62.6	0	1	14.5	3.795518	0	-5.10E-15	6.021157

749.75	62.6	0	1	14.5	3.806943	0	-5.10E-15	5.902025
750.75	62.6	0	1	14.5	3.806943	0	-5.10E-15	5.902025
752	62.6	0	1	14.5	3.818367	0	-5.10E-15	5.919736
745.25	62.6	0	1	14.5	3.800596	0	-5.10E-15	6.029212
750.25	64.4	0	1	14.6	3.784093	0	-5.10E-15	6.412331
742.5	64.4	0	1	14.6	3.757181	0	-1.87754	6.502189
754.25	64.4	0	1	14.5	3.819168	0	-1.87754	6.334069
746	64.4	0	1	14.5	3.816638	0	-5.10E-15	6.192267
752.25	64.4	0	1	14.5	3.81264	0.145038	-5.10E-15	6.873091
782.5	64.4	0	1	14.5	3.806518	0	-5.10E-15	6.724812
744.75	64.4	0	1	14.5	3.959588	0	-5.10E-15	2.141398
748.5	64.4	0	1	14.6	3.775967	-0.14504	-5.10E-15	1.089117
752.25	64.4	0	1	14.6	3.749666	-0.14504	-5.10E-15	1.081531
750.75	64.4	0	1	14.6	3.768452	-0.14504	-5.10E-15	0.951081
750	64.4	0	1	14.6	3.722949	-0.29008	-5.10E-15	1.073824

Engine Tor	Trip Distar	Trip Durati	Altitude (ft)	Bearing (d)	Horz Accur	GPS Speed (MPH)
70.4906	0.076242	0.396254	892.3885	212.1	45.93176	18.65627
74.631	0.081377	0.410979	889.1077	215.7	36.08924	18.41134
77.98823	0.090685	0.436323	862.8609	224	32.8084	20.59645
77.92383	0.096107	0.450411	872.7034	232	29.52756	21.456
71.84435	0.104503	0.471706	882.546	236.1	29.52756	21.65396
45.93664	0.1106	0.486813	885.8268	243.1	29.52756	23.84659
50.38011	0.11501	0.497777	889.1077	246.7	32.8084	25.47886
60.22247	0.124365	0.520857	895.6693	248.7	36.08924	25.27738
77.60882	0.129628	0.533986	892.3885	254.7	36.08924	24.65595
84.96912	0.134682	0.546357	892.3885	258	42.65092	25.79305
87.38155	0.141017	0.56126	889.1077	261.2	42.65092	25.88214
101.0804	0.147992	0.577497	882.546	270	39.37008	25.88197
84.27903	0.159079	0.603202	885.8268	280.4	39.37008	27.13407
80.815	0.166365	0.619515	885.8268	290.8	42.65092	29.01361
88.66729	0.166365	0.619515	885.8268	302.1	39.37008	27.98422
91.7411	0.182254	0.654601	885.8268	309.6	39.37008	26.57481
97.53911	0.188517	0.668355	892.3885	319.5	36.08924	30.00586
95.46555	0.193272	0.678288	892.3885	335	29.52756	28.88135
73.97168	0.200303	0.693443	889.1077	334.8	29.52756	29.32654
9.165607	0.213351	0.722372	889.1077	335.5	29.52756	28.5011
6.685322	0.219988	0.737577	892.3885	335.7	26.24672	26.68666
11.33755	0.226197	0.752372	889.1077	338.3	29.52756	26.37691
24.08545	0.23045	0.762695	895.6693	333.9	26.24672	23.40401
32.44232	0.236643	0.77816	898.9501	333.4	29.52756	21.61215
33.31121	0.242522	0.792585	892.3885	332.4	39.37008	23.55511
33.86972	0.251423	0.814517	895.6693	308.6	29.52756	24.88262
33.29681	0.257294	0.82935	885.8268	305.7	26.24672	24.6514
37.85596	0.263216	0.843409	889.1077	305.1	32.8084	25.16808
38.42046	0.270259	0.860603	885.8268	296.9	32.8084	25.3708
39.25934	0.281998	0.888918	885.8268	297.9	36.08924	25.65884
38.18332	0.288304	0.90369	889.1077	281.2	29.52756	24.40645
37.88647	0.288304	0.90369	895.6693	271.1	26.24672	25.07641
40.15075	0.302416	0.936963	895.6693	269.9	26.24672	25.2551
63.8841	0.308976	0.951983	905.5118	271.6	29.52756	25.95125
91.31849	0.315606	0.966767	905.5118	269.7	36.08924	29.73078
102.1915	0.322383	0.98189	905.5118	279.4	26.24672	28.41036
115.1737	0.329504	0.996955	902.231	278.7	29.52756	28.18554
129.7913	0.341958	1.022311	902.231	279.7	32.8084	27.91872
131.9994	0.350566	1.039073	895.6693	279.7	42.65092	29.06091
134.455	0.356945	1.050979	898.9501	277.4	52.49344	28.18583
135.3992	0.364956	1.065049	895.6693	280.8	59.05512	31.87698
79.34882	0.372921	1.079454	895.6693	283.3	59.05512	36.68592
64.23394	0.381535	1.09448	889.1077	282.8	55.77428	38.07268
45.23173	0.396288	1.121051	872.7034	284.5	52.49344	36.08334
50.18795	0.404565	1.135798	875.9843	296.5	42.65092	35.18931
61.78555	0.404565	1.135798	875.9843	298.6	42.65092	36.3077

78.05029	0.424791	1.171804	875.9843	306.1	39.37008	34.92019
99.58166	0.430726	1.182395	869.4226	317.6	32.8084	34.02504
111.2831	0.438529	1.195826	879.2651	336.4	26.24672	33.873
123.8422	0.45162	1.218616	875.9843	339.2	26.24672	34.11515
140.6553	0.458369	1.229915	872.7034	342.1	22.96588	35.32125
154.4761	0.467053	1.244372	872.7034	342.3	22.96588	35.37785
160.7864	0.47697	1.260603	872.7034	343.8	22.96588	35.90829
162.8528	0.494201	1.288313	875.9843	339.4	19.68504	36.83139
165.6065	0.504021	1.304115	875.9843	337	19.68504	36.57722
164.6715	0.513807	1.319923	882.546	337.2	22.96588	36.03822
47.668	0.522308	1.333804	889.1077	334.9	26.24672	34.13802
0	0.530111	1.346579	892.3885	335.3	29.52756	32.10615
0	0.544926	1.372644	898.9501	331.6	36.08924	35.39512
3.880816	0.552877	1.387462	892.3885	322.3	36.08924	32.23488
5.777904	0.558483	1.398448	892.3885	326.8	42.65092	30.33524
7.559054	0.564664	1.411369	892.3885	330.4	45.93176	30.02302
13.36217	0.571448	1.426771	889.1077	325.3	49.2126	29.7072
8.478314	0.578967	1.444706	882.546	321.4	45.93176	30.64603
12.47468	0.584904	1.459852	885.8268	311.9	42.65092	23.73406
17.97654	0.595699	1.489464	889.1077	307	42.65092	22.74974
19.28551	0.595699	1.489464	892.3885	306.7	39.37008	20.51418
23.37001	0.601383	1.509071	895.6693	305.7	39.37008	17.43206
34.32191	0.605095	1.523914	892.3885	302.6	42.65092	15.25605
29.09201	0.610321	1.552154	889.1077	294.3	45.93176	12.57668
35.23298	0.612361	1.567617	889.1077	291.7	42.65092	10.15769
34.41423	0.613581	1.577208	889.1077	286.4	42.65092	9.239224
29.77572	0.616565	1.603338	892.3885	305.3	42.65092	7.740608
55.76366	0.61847	1.617725	892.3885	301.1	42.65092	8.306747
68.5472	0.620348	1.629075	892.3885	301.4	42.65092	10.8276
98.29875	0.626126	1.653408	892.3885	309.5	39.37008	12.64916
108.9204	0.630677	1.668214	885.8268	310	42.65092	13.53709
132.6517	0.634941	1.680571	889.1077	309.3	42.65092	15.88302
132.9839	0.645067	1.706097	889.1077	311.7	42.65092	21.60996
137.7995	0.645067	1.706097	889.1077	312	42.65092	24.87799
158.7006	0.660152	1.738486	882.546	313.4	39.37008	26.30851
168.0096	0.666055	1.750471	882.546	311.5	39.37008	29.08472
163.132	0.67266	1.762836	882.546	313.8	39.37008	28.74686
176.5861	0.685043	1.785058	882.546	308.4	36.08924	32.43731
60.47882	0.691884	1.797149	885.8268	308.4	36.08924	31.92128
29.4145	0.699214	1.810526	882.546	308.6	36.08924	31.6082
83.88889	0.707119	1.82491	882.546	311.4	39.37008	32.1454
114.0586	0.723093	1.853453	885.8268	312.8	42.65092	33.24195
126.1209	0.730298	1.866147	885.8268	314.9	39.37008	33.93468
130.2382	0.739599	1.882657	885.8268	312.8	42.65092	33.48742
132.7692	0.750487	1.900879	885.8268	318.2	45.93176	33.80047
177.9261	0.758515	1.914308	885.8268	312	45.93176	35.07656
170.5771	0.767501	1.929106	892.3885	309.3	49.2126	37.04636

144.7109	0.782208	1.952987	892.3885	305.2	45.93176	36.46404
158.6511	0.7899	1.96536	889.1077	300.5	45.93176	36.39551
81.6382	0.800653	1.982837	889.1077	303.2	45.93176	35.6351
23.9939	0.808048	1.99483	889.1077	306.4	45.93176	34.87455
0	0.816221	2.008555	889.1077	305.5	39.37008	34.51665
0	0.83201	2.036372	895.6693	307.9	39.37008	34.42657
45.74484	0.839081	2.049162	892.3885	308.2	36.08924	34.89639
45.74484	0.849493	2.067824	892.3885	307.5	39.37008	33.53174
88.51157	0.857904	2.082704	892.3885	306.9	39.37008	33.4203
86.49149	0.865342	2.095748	889.1077	308	39.37008	33.28562
97.89605	0.872915	2.10879	895.6693	307	39.37008	33.88995
123.5725	0.883915	2.127147	889.1077	301	36.08924	35.81346
129.119	0.901403	2.155151	895.6693	298.8	36.08924	36.97927
84.24155	0.908292	2.166105	898.9501	297.9	36.08924	37.47039
101.9673	0.917743	2.180608	898.9501	297	32.8084	38.14042
106.5624	0.927009	2.19418	895.6693	295.8	36.08924	38.96775
103.6385	0.945841	2.221125	898.9501	294.1	39.37008	39.68341
110.3067	0.956557	2.235935	902.231	293	42.65092	39.77336
41.8138	0.967567	2.250913	908.7927	294.2	42.65092	39.68448
2.506478	0.976296	2.262926	905.5118	282.5	36.08924	43.13176
0	0.985605	2.275598	915.3544	282.7	36.08924	44.44813
0	1.007531	2.305614	912.0735	283.6	36.08924	44.20187
0	1.017232	2.31907	908.7927	280	36.08924	43.46437
16.01418	1.026785	2.332219	912.0735	278.4	36.08924	42.94927
16.01418	1.041628	2.352477	902.231	276	32.8084	43.37973
48.35949	1.052169	2.366644	902.231	276.3	36.08924	43.91174
48.16497	1.060618	2.377998	898.9501	275.1	32.8084	45.00718
47.15358	1.072012	2.393292	898.9501	275	36.08924	45.85724
54.15757	1.093038	2.421526	898.9501	276.2	32.8084	44.11334
72.66802	1.102925	2.434585	902.231	277.1	36.08924	43.80033
80.26791	1.110019	2.444126	895.6693	276	36.08924	44.739
80.21129	1.122087	2.460284	898.9501	274.4	36.08924	45.56659
51.57566	1.14188	2.48643	892.3885	276.3	36.08924	44.17954
15.84069	1.151806	2.499879	895.6693	275.2	36.08924	44.42564
15.84069	1.163852	2.51676	898.9501	274.6	32.8084	44.31391
9.279715	1.174183	2.530893	895.6693	273.8	36.08924	44.11243
9.171033	1.184118	2.545081	892.3885	272.1	36.08924	44.20188
21.97169	1.203698	2.572268	889.1077	274.4	32.8084	42.47942
25.33139	1.213701	2.586731	892.3885	274.6	36.08924	42.65847
0	1.222669	2.599847	898.9501	276.8	36.08924	39.70562
0	1.231358	2.61265	898.9501	275	36.08924	39.97406
12.68861	1.245397	2.63418	898.9501	274.9	32.8084	40.48855
0	1.252867	2.645862	898.9501	273.4	36.08924	40.19774
0	1.266126	2.666398	895.6693	273.2	32.8084	39.37024
12.41065	1.276514	2.682885	895.6693	274	32.8084	38.31937
0	1.284477	2.695662	892.3885	273.7	32.8084	37.75972
0.943014	1.29328	2.710268	895.6693	275.1	32.8084	36.59639

2.865136	1.301595	2.724658	892.3885	275.2	32.8084	35.14228
0	1.312239	2.743694	892.3885	273.4	32.8084	34.18057
0.956718	1.325835	2.769298	892.3885	274.5	32.8084	32.05549
1.894845	1.332013	2.781713	892.3885	273.8	32.8084	30.98157
1.894845	1.340955	2.801018	892.3885	274.9	32.8084	29.2144
3.779566	1.346795	2.814147	895.6693	275.6	32.8084	27.44754
4.776429	1.35305	2.829027	889.1077	273	32.8084	26.14978
8.630095	1.357995	2.841486	882.546	271.8	36.08924	25.2555
9.811301	1.368932	2.869323	882.546	271.5	36.08924	24.58443
48.76086	1.373042	2.879302	889.1077	274.3	32.8084	24.13654
68.88592	1.378974	2.893771	892.3885	275.6	32.8084	24.74061
70.21235	1.387896	2.914126	892.3885	278.6	32.8084	24.80772
74.16358	1.394282	2.928551	882.546	276.9	36.08924	25.63779
90.51406	1.401329	2.943725	882.546	277.5	36.08924	27.112
111.6441	1.413837	2.969168	882.546	278	36.08924	28.52097
128.3059	1.420576	2.982245	882.546	276.8	36.08924	30.1763
131.0819	1.428644	2.997108	885.8268	277	36.08924	31.49626
140.3503	1.436149	3.010474	885.8268	276.4	36.08924	32.5698
149.5994	1.452496	3.038457	889.1077	276.3	36.08924	33.59881
157.7612	1.460183	3.051208	889.1077	275.4	36.08924	35.50019
158.0434	1.46702	3.062188	882.546	275.6	36.08924	36.19419
156.2767	1.478544	3.080003	885.8268	274.2	36.08924	38.22924
152.9413	1.494454	3.104153	882.546	273.4	36.08924	39.99648
150.8001	1.504324	3.118549	889.1077	274.9	36.08924	40.39929
150.0408	1.516867	3.136482	885.8268	274.4	36.08924	40.80211
160.8983	1.52768	3.151911	882.546	273.6	36.08924	41.87593
0	1.538567	3.167482	875.9843	272.1	36.08924	42.56905
0	1.546806	3.179904	869.4226	273.5	36.08924	40.7572
0	1.562006	3.202859	875.9843	273.7	36.08924	40.24254
22.57917	1.572061	3.218072	869.4226	272.9	36.08924	39.97411
70.01099	1.582176	3.233364	879.2651	274	36.08924	39.37059
69.33739	1.591154	3.247162	872.7034	272.5	36.08924	39.84074
69.80518	1.600443	3.261625	875.9843	271.8	36.08924	39.8858
71.74477	1.61663	3.287103	879.2651	272.4	36.08924	38.96887
75.21101	1.625895	3.301935	879.2651	273.4	36.08924	37.64876
79.90504	1.635656	3.318101	882.546	273.5	36.08924	36.66472
98.71387	1.64413	3.331907	879.2651	271.3	36.08924	36.99936
58.47814	1.651961	3.345033	882.546	271.7	39.37008	36.21717
11.99884	1.660703	3.360559	885.8268	272	39.37008	35.43427
43.57341	1.671095	3.379292	889.1077	273.3	36.08924	32.75432
0	1.683877	3.404536	889.1077	273.4	36.08924	31.29631
3.848121	1.68999	3.41753	889.1077	273.5	36.08924	29.34983
7.616374	1.697052	3.433367	889.1077	272.3	36.08924	28.27714
11.44566	1.702461	3.446807	895.6693	272.2	36.08924	25.70521
11.6986	1.70753	3.460976	898.9501	272.1	36.08924	22.14658
25.62418	1.711955	3.475395	898.9501	270.6	36.08924	20.17718
32.1092	1.716989	3.496351	902.231	275.7	32.8084	14.3241

30.03349	1.721123	3.521204	895.6693	273.8	32.8084	11.3862
34.25082	1.722462	3.533957	895.6693	277.7	32.8084	7.161691
29.13311	1.724704	3.552246	898.9501	277	36.08924	7.428279
101.0262	1.726873	3.565353	902.231	275.3	39.37008	7.293647
111.4144	1.729659	3.578089	902.231	282.3	39.37008	7.605715
116.1051	1.737473	3.60561	902.231	329.3	36.08924	15.85994
123.3082	1.740687	3.615856	905.5118	348.8	32.8084	18.77222
129.941	1.745552	3.629706	908.7927	353.8	36.08924	18.92746
154.7526	1.751163	3.644143	912.0735	357.2	36.08924	20.06633
178.6418	1.762473	3.669669	915.3544	359.3	39.37008	18.90371
192.2368	1.768532	3.682099	912.0735	0.6	42.65092	21.11679
186.4919	1.775973	3.696267	918.6352	354.9	45.93176	21.67633
180.5023	1.783648	3.710712	918.6352	0.2	45.93176	24.98707
162.9148	1.798525	3.737359	921.916	352.3	52.49344	28.56655
150.9522	1.80625	3.751089	921.916	357.1	52.49344	32.16734
131.4009	1.80625	3.751089	925.1969	356.6	45.93176	29.88615
106.4621	1.827995	3.789329	925.1969	355.9	45.93176	28.94603
104.2824	1.837095	3.805573	925.1969	351.5	45.93176	30.33289
109.2706	1.845109	3.820117	928.4777	350	45.93176	34.89632
78.04102	1.854948	3.838119	935.0394	351.2	45.93176	35.83606
78.04102	1.862975	3.853009	938.3203	355	45.93176	37.60314
79.63073	1.869596	3.865148	938.3203	0.6	42.65092	35.903
78.75533	1.877904	3.881055	944.8819	356.8	39.37008	32.30164
72.11395	1.886781	3.897535	944.8819	358.9	39.37008	34.24768
69.76086	1.895164	3.913056	944.8819	359.5	36.08924	34.58322
89.5225	1.909312	3.938937	941.6011	0.5	36.08924	32.21189
105.5818	1.917279	3.953123	944.8819	0.2	36.08924	32.6146
114.3297	1.925594	3.96703	944.8819	0.8	36.08924	32.70402
100.5585	1.934379	3.981641	948.1628	1.1	36.08924	34.85153
96.77989	1.941341	3.993046	951.4436	0.3	36.08924	35.47806
98.09641	1.951962	4.009938	944.8819	0.8	36.08924	36.08178
108.2861	1.970089	4.03826	948.1628	359.9	36.08924	37.44637
91.42054	1.979062	4.051998	944.8819	0.6	36.08924	38.0503
85.56184	1.979062	4.051998	948.1628	359.1	36.08924	39.63857
52.68531	1.994602	4.075804	941.6011	358.5	36.08924	38.96746
46.8341	2.01414	4.105844	941.6011	359	36.08924	39.97421
0	2.023138	4.120005	944.8819	0.4	39.37008	39.66119
0	2.033077	4.135647	948.1628	359.9	36.08924	39.52718
0	2.042419	4.150569	948.1628	359.6	36.08924	39.37085
0	2.049423	4.161911	951.4436	359	36.08924	39.66164
0	2.059057	4.177768	944.8819	358.9	36.08924	37.71486
0	2.069898	4.195414	941.6011	0.5	36.08924	37.71481
0	2.078901	4.210367	938.3203	358.4	36.08924	37.11078
0	2.094445	4.235767	931.7585	0.2	36.08924	36.46206
5.071956	2.102295	4.248486	928.4777	359.1	36.08924	35.67931
3.279972	2.112465	4.265104	931.7585	358.4	36.08924	36.35046
6.599442	2.119966	4.277471	935.0394	359.2	36.08924	36.84258

9.828792	2.127575	4.289944	941.6011	359.4	36.08924	36.79804
17.16604	2.145692	4.319464	941.6011	358.7	36.08924	37.06637
0	2.154121	4.333244	944.8819	359.4	36.08924	37.33458
0	2.159973	4.342859	944.8819	0.2	36.08924	36.79771
1.350909	2.17449	4.36673	948.1628	0.4	36.08924	36.08223
10.78252	2.182132	4.379143	948.1628	0.5	36.08924	36.21618
12.11839	2.197869	4.405012	954.7244	0.4	36.08924	37.35738
5.814254	2.206455	4.418858	958.0053	0.4	36.08924	37.22272
0	2.214022	4.431352	954.7244	359.5	36.08924	36.84454
0	2.222864	4.446184	954.7244	357.7	39.37008	35.90484
0	2.231595	4.460771	954.7244	358.5	39.37008	35.00863
0	2.245234	4.485217	954.7244	356.8	39.37008	34.53836
0	2.251561	4.497282	958.0053	1.6	39.37008	34.91864
0.956723	2.257309	4.509045	961.2861	1	39.37008	32.48109
7.658933	2.265074	4.527396	961.2861	359	39.37008	28.499
14.36056	2.275072	4.554337	958.0053	1.2	39.37008	25.59173
15.70954	2.279738	4.568932	954.7244	2.1	36.08924	22.52685
25.17096	2.284012	4.584215	944.8819	359.7	36.08924	18.65627
34.75858	2.287501	4.598046	941.6011	354.5	36.08924	15.86045
29.90097	2.293108	4.621838	944.8819	344.2	39.37008	12.95194
29.68273	2.293108	4.621838	944.8819	325.2	36.08924	13.00037
27.26422	2.298515	4.643516	941.6011	317	39.37008	13.49023
34.47993	2.304703	4.668903	941.6011	312.2	39.37008	14.98807
50.86639	2.30773	4.68105	948.1628	303.6	42.65092	13.75863
68.07482	2.311689	4.696232	941.6011	284.2	39.37008	13.60528
78.4608	2.318312	4.721014	935.0394	265.5	36.08924	16.26599
91.27026	2.321768	4.734144	938.3203	264.3	36.08924	15.92755
22.90112	2.32524	4.749416	931.7585	263	36.08924	14.54009
30.87263	2.328161	4.764986	928.4777	272	36.08924	11.86692
39.11684	2.330623	4.780089	918.6352	274	36.08924	10.50734
34.86178	2.334192	4.803846	912.0735	299.5	36.08924	10.19221
32.94722	2.336302	4.818578	915.3544	337.2	36.08924	9.418803
44.45259	2.338531	4.832689	915.3544	348	36.08924	9.644932
47.55173	2.3408	4.847406	921.916	346.3	36.08924	9.754299
10.48881	2.349638	5.404474	879.2651	0	55.77428	0
10.47488	2.349638	5.418571	882.546	0	39.37008	0
9.595977	2.349638	5.438256	885.8268	0	32.8084	0
9.535301	2.349638	5.452848	895.6693	0	29.52756	0
10.49237	2.349638	5.468372	898.9501	0	26.24672	0
11.41954	2.349638	5.48249	898.9501	0	22.96588	0
11.41954	2.349638	5.503553	902.231	0	26.24672	0
9.563984	2.349638	5.518456	902.231	0	26.24672	0
9.615149	2.349638	5.533385	908.7927	0	26.24672	0
9.548049	2.349638	5.546504	905.5118	0	22.96588	0
10.46441	2.349638	5.563109	908.7927	0	19.68504	0
8.613324	2.349638	5.579027	908.7927	0	16.4042	0
10.49239	2.349638	5.593251	908.7927	0	16.4042	0

9.624901	2.349638	5.609077	908.7927	0	16.4042	0
10.3059	2.349638	5.638727	908.7927	0	16.4042	0
9.501119	2.349638	5.65157	908.7927	0	16.4042	0
9.453788	2.349638	5.668911	908.7927	0	16.4042	0
9.567201	2.349638	5.687517	908.7927	0	16.4042	0
11.39302	2.349638	5.701668	908.7927	0	16.4042	0
10.55542	2.349638	5.718623	908.7927	0	19.68504	0
11.28783	2.349638	5.732405	908.7927	0	19.68504	0
8.597696	2.349638	5.756111	908.7927	0	19.68504	0
10.40371	2.349638	5.771	908.7927	0	19.68504	0
9.540174	2.349638	5.785837	908.7927	0	19.68504	0
10.50124	2.349638	5.785837	908.7927	0	16.4042	0
9.530703	2.349638	5.821828	908.7927	0	16.4042	0
10.428	2.349638	5.834578	908.7927	0	16.4042	0
9.581645	2.349638	5.848718	908.7927	0	16.4042	0
10.41755	2.349638	5.86324	908.7927	0	16.4042	0
10.401	2.349638	5.88941	908.7927	0	16.4042	0
11.41397	2.349638	5.901125	908.7927	0	16.4042	0
9.524338	2.349638	5.918363	908.7927	0	16.4042	0
10.48725	2.349638	5.932465	908.7927	0	16.4042	0
9.514815	2.349638	5.945951	908.7927	0	13.12336	0
9.498999	2.349638	5.962151	908.7927	0	16.4042	0
8.589041	2.349638	5.976623	908.7927	0	16.4042	0
12.38164	2.349638	6.006008	908.7927	0	16.4042	0
10.47328	2.349638	6.019857	908.7927	0	16.4042	0
9.54025	2.349638	6.035731	908.7927	0	16.4042	0
10.45931	2.349638	6.050905	908.7927	0	16.4042	0
10.43502	2.349638	6.063424	908.7927	0	16.4042	0
9.594452	2.349638	6.078882	908.7927	0	16.4042	0
9.594452	2.349638	6.105949	908.7927	0	16.4042	0
9.530732	2.349638	6.119735	908.7927	0	16.4042	0
10.45227	2.349638	6.135991	908.7927	0	16.4042	0
10.42803	2.349638	6.150526	908.7927	0	16.4042	0
8.602202	2.349638	6.165728	908.7927	0	16.4042	0
10.38132	2.349638	6.177533	908.7927	0	13.12336	0
9.513464	2.349638	6.205039	908.7927	0	16.4042	0
11.33654	2.349638	6.222613	908.7927	0	16.4042	0
9.538859	2.349638	6.236911	908.7927	0	16.4042	0
9.526199	2.349638	6.25035	908.7927	0	13.12336	0
10.41603	2.349638	6.259259	908.7927	0	13.12336	0
9.510341	2.349638	6.288619	908.7927	0	13.12336	0
10.4195	2.349638	6.300329	908.7927	0	13.12336	0
10.42301	2.349638	6.31517	908.7927	0	13.12336	0
9.475478	2.349638	6.332816	908.7927	0	13.12336	0
9.523015	2.349638	6.345608	908.7927	0	16.4042	0
10.35385	2.349638	6.369016	908.7927	0	13.12336	0
10.47864	2.349638	6.369016	908.7927	0	13.12336	0

9.526187	2.349638	6.405955	908.7927	0	32.8084	0
9.44706	2.349638	6.419097	908.7927	0	32.8084	0
9.456546	2.349638	6.431457	908.7927	0	32.8084	0
10.43693	2.349638	6.447355	908.7927	0	32.8084	0
9.513448	2.349638	6.463573	908.7927	0	32.8084	0
10.39877	2.349638	6.479165	908.7927	0	32.8084	0
9.435217	2.349638	6.491612	908.7927	0	32.8084	0
9.43455	2.349638	6.521215	908.7927	0	32.8084	0
9.529263	2.349638	6.534997	908.7927	0	32.8084	0
11.40476	2.349638	6.548047	908.7927	0	32.8084	0
12.28532	2.349638	6.562132	908.7927	0	32.8084	0
10.47526	2.349638	6.577018	908.7927	0	32.8084	0
9.456546	2.349638	6.592493	912.0735	0	32.8084	0
8.469083	2.349638	6.607037	912.0735	0	29.52756	0
9.478639	2.349638	6.638095	912.0735	0	29.52756	0
10.3615	2.349638	6.652267	912.0735	0	29.52756	0
10.49291	2.349638	6.665459	912.0735	0	29.52756	0
10.49291	2.349638	6.687431	912.0735	0	29.52756	0
10.46831	2.349638	6.699574	912.0735	0	29.52756	0
10.27552	2.349638	6.71376	912.0735	0	29.52756	0
11.43895	2.349638	6.72854	912.0735	0	29.52756	0
10.30979	2.349638	6.74508	912.0735	0	29.52756	0
8.576448	2.349638	6.770927	912.0735	0	29.52756	0
19.76145	2.349638	6.783303	912.0735	0	29.52756	0
40.08145	2.349638	6.798874	912.0735	242.7	29.52756	0.743592
60.20695	2.350031	6.811353	912.0735	242.2	29.52756	2.805104
97.80487	2.351887	6.839048	915.3544	256	32.8084	4.468165
34.23877	2.352809	6.853867	918.6352	258	32.8084	4.336022
37.63273	2.353524	6.867714	921.916	268.2	32.8084	3.30113
40.15266	2.353998	6.883107	921.916	272.8	36.08924	3.292022
38.72033	2.353998	6.897581	925.1969	276.7	36.08924	1.389784
50.43606	2.354481	6.913153	925.1969	296.9	36.08924	0.514981
59.64378	2.355532	6.927619	921.916	335.2	36.08924	0.939513
61.20618	2.357475	6.944618	925.1969	313.7	36.08924	2.283429
72.65093	2.359235	6.957816	918.6352	319.3	36.08924	4.764675
56.63415	2.363242	6.980569	915.3544	265.6	32.8084	9.977364
51.08269	2.368132	7.005388	912.0735	263.2	32.8084	10.0221
30.19697	2.370751	7.017876	915.3544	253.2	32.8084	9.887891
26.78662	2.374113	7.035881	918.6352	234.9	32.8084	9.799032
31.69343	2.376832	7.05043	921.916	227.8	32.8084	10.60393
31.79955	2.379226	7.063464	925.1969	215.7	32.8084	11.34691
35.08874	2.38206	7.07933	931.7585	203.9	32.8084	10.75976
34.98036	2.384809	7.095991	921.916	190.5	32.8084	9.676656
34.0489	2.387045	7.112589	928.4777	182.2	32.8084	8.034464
28.96575	2.388426	7.127356	921.916	180.8	32.8084	6.395995
19.94066	2.391196	7.154329	925.1969	165.7	29.52756	5.368834
58.1775	2.39273	7.165714	925.1969	150.1	29.52756	6.352938

68.95777	2.39462	7.177883	925.1969	122.1	29.52756	8.634689
64.46621	2.397197	7.191756	925.1969	94.2	29.52756	10.53713
73.51894	2.404218	7.22142	928.4777	91.6	32.8084	11.16267
94.6181	2.408034	7.234882	928.4777	92.4	32.8084	11.65444
104.1771	2.413311	7.251432	928.4777	92.5	36.08924	13.42179
108.3951	2.413311	7.251432	921.916	92.3	39.37008	15.86254
113.4324	2.425515	7.286664	921.916	91	42.65092	15.81539
2.939579	2.429595	7.298766	921.916	89.4	42.65092	17.4481
3.798322	2.434277	7.312678	921.916	83.7	45.93176	19.52866
5.750164	2.439554	7.331683	921.916	79	42.65092	21.56449
9.786881	2.442503	7.344124	918.6352	81	39.37008	19.26007
25.27586	2.445654	7.359319	918.6352	87.6	39.37008	17.40336
31.31283	2.449971	7.389033	918.6352	80.3	36.08924	13.10892
35.71773	2.451016	7.403491	918.6352	89	36.08924	5.75245
30.55539	2.451978	7.418726	915.3544	85.9	36.08924	4.968467
35.63144	2.452374	7.431713	915.3544	75.6	36.08924	3.849871
39.76139	2.452374	7.448645	918.6352	64.2	36.08924	3.180306
40.29694	2.452374	7.462098	918.6352	56.1	36.08924	3.268684
41.36671	2.452374	7.485272	912.0735	29.7	39.37008	2.935846
41.57598	2.452374	7.503925	912.0735	51.1	39.37008	2.192198
29.90913	2.45279	7.517424	912.0735	57.3	39.37008	1.744954
96.44012	2.453742	7.530539	908.7927	74.9	39.37008	0.988311
98.61604	2.456111	7.545746	912.0735	59.9	36.08924	3.780488
98.82834	2.460863	7.566437	908.7927	69.1	36.08924	5.257228
100.0783	2.463609	7.577086	902.231	30.2	36.08924	7.762459
128.1722	2.468652	7.593281	905.5118	15.2	36.08924	10.46886
125.4144	2.473832	7.607505	902.231	8.1	36.08924	15.97299
121.4836	2.486625	7.637607	902.231	4.8	36.08924	20.78157
152.3888	2.492476	7.649671	895.6693	0.4	36.08924	25.41223
150.8281	2.500286	7.664873	892.3885	1.4	36.08924	28.25282
145.1814	2.509734	7.681806	892.3885	359.8	36.08924	31.7645
132.6326	2.522774	7.703516	898.9501	359.7	36.08924	34.0017
68.80334	2.530655	7.716653	902.231	0.3	36.08924	35.2322
31.35163	2.539772	7.731182	905.5118	359.9	36.08924	37.35738
78.33071	2.549645	7.746721	905.5118	1	36.08924	38.07276
25.06681	2.560106	7.763284	912.0735	0.5	36.08924	38.02871
14.67648	2.566778	7.77421	908.7927	359.5	36.08924	37.5587
4.920578	2.586528	7.805894	902.231	359.9	36.08924	36.97667
18.81933	2.594003	7.817942	895.6693	358.6	32.8084	36.61868
39.27137	2.603026	7.833093	892.3885	359.1	36.08924	36.39496
39.27137	2.603026	7.833093	889.1077	1.2	36.08924	35.70157
47.65979	2.626322	7.872813	898.9501	1.6	36.08924	35.65814
50.66458	2.634811	7.887643	892.3885	356.7	36.08924	36.03749
63.02377	2.643553	7.902679	895.6693	358.2	36.08924	35.50063
131.9424	2.6524	7.917447	895.6693	356.7	36.08924	35.79132
133.3694	2.659716	7.929876	898.9501	355	36.08924	36.57489
135.8385	2.675156	7.956099	892.3885	354.6	36.08924	36.19364

141.0989	2.675156	7.956099	892.3885	0.6	39.37008	35.3436
116.9324	2.694544	7.988303	898.9501	0.6	39.37008	35.59
104.6424	2.702876	8.002151	902.231	359.5	39.37008	35.3443
85.44907	2.710345	8.014927	902.231	1.4	39.37008	34.87402
95.12321	2.71959	8.030432	898.9501	358	39.37008	35.85812
100.1517	2.72805	8.044237	905.5118	359.5	39.37008	36.03788
102.5203	2.73704	8.059132	908.7927	0.6	36.08924	36.9328
103.4741	2.74598	8.073636	912.0735	1.1	36.08924	36.6417
107.139	2.758332	8.093715	915.3544	359.7	36.08924	37.62569
109.3596	2.775746	8.120653	915.3544	0.1	36.08924	37.71491
58.05655	2.784496	8.134213	918.6352	0	36.08924	38.81116
55.65649	2.795462	8.151326	925.1969	1	36.08924	38.79013
19.32854	2.803436	8.16377	921.916	1	36.08924	38.34132
17.91235	2.813573	8.18003	921.916	2.6	36.08924	38.58739
37.69833	2.828777	8.20408	921.916	7	39.37008	36.88725
58.33154	2.836637	8.216516	921.916	8.2	39.37008	36.93188
61.1707	2.844648	8.229219	918.6352	10	39.37008	37.603
64.19984	2.852617	8.241628	912.0735	9.8	39.37008	37.87136
63.94631	2.863831	8.25955	912.0735	7.5	39.37008	37.84929
64.90352	2.88149	8.287048	908.7927	11.5	42.65092	36.30564
66.20248	2.890906	8.30153	912.0735	18.9	36.08924	39.0793
57.57941	2.90114	8.317513	908.7927	21.5	36.08924	39.12433
9.48715	2.909855	8.331291	908.7927	22.8	32.8084	38.38693
5.92861	2.925591	8.356163	912.0735	23.1	32.8084	37.8266
18.46028	2.925591	8.356163	908.7927	23.3	32.8084	37.13317
0	2.944509	8.385938	905.5118	23.4	32.8084	37.82676
0	2.954236	8.401478	905.5118	22.6	29.52756	37.67131
0	2.961012	8.412706	908.7927	23	32.8084	37.3569
0	2.972707	8.431284	905.5118	24	36.08924	38.1174
0	2.982223	8.446847	905.5118	23.3	32.8084	37.83106
0	2.990448	8.460315	905.5118	23.2	36.08924	37.78251
0	2.998512	8.473145	908.7927	24.2	32.8084	36.64184
0	3.010742	8.493632	908.7927	23.1	32.8084	36.05986
0	3.02778	8.522773	912.0735	22.8	36.08924	34.89708
0	3.033788	8.533135	905.5118	19.3	32.8084	34.86077
0	3.043888	8.55037	908.7927	18.1	32.8084	34.8076
0	3.051791	8.564182	905.5118	16.6	32.8084	34.94095
0	3.059461	8.577308	905.5118	12.3	32.8084	34.74146
0	3.067698	8.591413	908.7927	11.1	32.8084	34.4712
0	3.083874	8.619523	912.0735	10.1	32.8084	34.22524
0	3.091628	8.633205	912.0735	5.7	36.08924	35.34405
0	3.099498	8.646939	915.3544	3.6	32.8084	36.4624
0	3.108505	8.662454	915.3544	359.9	36.08924	37.35727
0	3.123924	8.689065	915.3544	357.6	32.8084	35.05297
0	3.133654	8.706014	915.3544	354.7	29.52756	34.94101
0	3.133654	8.706014	921.916	353.6	29.52756	35.43333
0	3.145994	8.727143	912.0735	350.5	32.8084	35.03043

5.367329	3.154246	8.741776	902.231	351.9	32.8084	34.94094
0	3.170689	8.770699	905.5118	353.1	36.08924	35.76872
0	3.17968	8.786871	902.231	348.4	36.08924	34.44882
0.956395	3.186698	8.800286	898.9501	340.6	32.8084	32.54742
0	3.193679	8.81376	898.9501	337.8	32.8084	30.6461
2.857925	3.201042	8.829257	892.3885	335.7	32.8084	28.67752
4.712359	3.207216	8.844161	895.6693	335	29.52756	26.03803
7.69592	3.217264	8.87169	892.3885	337.3	29.52756	22.63784
12.61664	3.221618	8.885812	898.9501	340.1	29.52756	18.52529
29.72867	3.225443	8.899907	898.9501	336.8	29.52756	17.56167
20.75993	3.228511	8.913427	905.5118	340.5	32.8084	14.04883
29.66327	3.231293	8.928308	905.5118	338.7	32.8084	11.09541
31.5347	3.233482	8.943495	905.5118	335.2	29.52756	9.263617
31.62249	3.234995	8.957911	905.5118	340.4	29.52756	6.420046
28.63609	3.237032	8.98547	902.231	340.4	29.52756	4.966049
33.58086	3.237851	8.99886	902.231	340.4	29.52756	4.388046
33.58086	3.239278	9.02157	902.231	340.2	29.52756	4.162204
32.73076	3.239951	9.034668	898.9501	339.8	29.52756	3.356597
35.42871	3.24041	9.049532	898.9501	339.6	29.52756	1.863248
36.50818	3.240842	9.06327	895.6693	339.4	29.52756	1.074894
39.12784	3.240842	9.081217	895.6693	0	29.52756	0
41.7011	3.240842	9.096071	895.6693	0	29.52756	0
41.57598	3.240842	9.109774	895.6693	0	29.52756	0
40.29708	3.240842	9.124227	892.3885	0	29.52756	0
41.576	3.240842	9.155335	895.6693	0	29.52756	0
40.78581	3.240842	9.168495	895.6693	0	29.52756	0
41.68715	3.240842	9.18246	898.9501	0	29.52756	0
41.58989	3.240842	9.196252	898.9501	0	29.52756	0
42.6424	3.240842	9.20903	898.9501	0	29.52756	0
41.60377	3.240842	9.223204	898.9501	0	29.52756	0
41.17402	3.240842	9.255637	898.9501	0	29.52756	0
40.66337	3.240842	9.267772	898.9501	0	29.52756	0
42.64236	3.240842	9.284049	898.9501	0	32.8084	0
42.51472	3.240842	9.298891	898.9501	0	32.8084	0
42.51472	3.240842	9.298891	898.9501	0	36.08924	0
42.52901	3.240842	9.337607	898.9501	0	36.08924	0
41.86786	3.240842	9.350999	898.9501	0	36.08924	0
41.70096	3.240842	9.365123	898.9501	0	36.08924	0
41.72895	3.240842	9.379912	898.9501	0	36.08924	0
40.55494	3.240842	9.394375	898.9501	0	36.08924	0
41.67322	3.240842	9.410273	898.9501	0	36.08924	0
42.69946	3.240842	9.42409	898.9501	0	32.8084	0
42.71401	3.240842	9.44268	898.9501	0	32.8084	0
43.49497	3.240842	9.457538	898.9501	0	32.8084	0
44.18109	3.240842	9.485373	898.9501	0	32.8084	0
43.72765	3.240842	9.502301	898.9501	0	32.8084	0
41.93705	3.240842	9.515403	898.9501	0	32.8084	0

45.79448	3.240842	9.529999	898.9501	0	32.8084	0
46.28598	3.240842	9.543251	898.9501	0	32.8084	0
44.18156	3.240842	9.560106	898.9501	0	32.8084	0
46.78276	3.240842	9.574389	898.9501	0	32.8084	0
43.30762	3.240842	9.604158	898.9501	0	29.52756	0
43.10361	3.240842	9.604158	898.9501	0	29.52756	0
42.55738	3.241923	9.639001	898.9501	0	29.52756	0
38.9464	3.24237	9.653477	898.9501	0	29.52756	0
40.88133	3.242828	9.668308	898.9501	0	29.52756	0
41.10507	3.242828	9.686601	898.9501	0	29.52756	0
44.68538	3.242828	9.701825	898.9501	0	29.52756	0
45.3068	3.242828	9.718339	898.9501	0	32.8084	0
46.42586	3.242828	9.729018	898.9501	0	32.8084	0
45.29246	3.242828	9.746353	898.9501	0	32.8084	0
47.56711	3.242828	9.761559	898.9501	0	36.08924	0
45.50425	3.242828	9.776722	898.9501	0	32.8084	0
47.36166	3.242828	9.804656	898.9501	0	36.08924	0
46.70557	3.242828	9.816628	898.9501	0	36.08924	0
47.37722	3.242828	9.830654	898.9501	0	32.8084	0
47.36151	3.242828	9.845791	898.9501	0	32.8084	0
46.45694	3.242828	9.861176	898.9501	0	32.8084	0
78.52101	3.300221	10.39312	869.4226	271.9	62.33596	18.14885
164.4826	3.309631	10.4176	856.2993	260.6	26.24672	22.5486
164.4826	3.317008	10.43416	823.4908	260.4	22.96588	23.35371
215.4261	3.323219	10.44698	833.3334	261	22.96588	25.16557
216.687	3.330421	10.46119	833.3334	261.6	26.24672	27.71564
211.6239	3.337027	10.47351	836.6142	261.3	26.24672	31.69789
210.5436	3.349752	10.49519	856.2993	261.4	22.96588	33.86795
210.3137	3.366395	10.52176	866.1418	260.4	22.96588	36.70881
210.7223	3.374192	10.53374	866.1418	259.9	19.68504	38.36352
210.6685	3.386869	10.55246	875.9843	259.3	19.68504	40.26488
238.3006	3.395443	10.56483	882.546	259.4	19.68504	41.53991
235.325	3.405848	10.57936	885.8268	259.6	19.68504	42.45705
235.6667	3.414996	10.59183	885.8268	260.4	19.68504	43.15051
237.2097	3.43564	10.61868	885.8268	260.1	19.68504	44.89531
235.853	3.447802	10.63422	882.546	259.7	19.68504	46.12568
232.7367	3.458923	10.64802	875.9843	259.7	19.68504	47.42324
228.4843	3.474268	10.66667	875.9843	260.4	16.4042	48.90058
232.9826	3.485609	10.68013	869.4226	259.7	16.4042	50.28633
229.9467	3.497902	10.69431	879.2651	260.5	13.12336	51.43126
227.8369	3.510383	10.70847	872.7034	260.1	16.4042	52.63592
258.1498	3.53803	10.73901	872.7034	259.6	16.4042	54.06686
182.5513	3.551399	10.75349	866.1418	260.2	16.4042	54.69376
128.8423	3.564072	10.76727	869.4226	260.4	16.4042	55.05146
128.8423	3.583005	10.7875	859.5801	260	16.4042	55.81173
125.9415	3.598083	10.80375	862.8609	260.4	16.4042	55.99063
119.9336	3.611277	10.81756	859.5801	260.6	19.68504	56.16954

122.2764	3.625076	10.83207	859.5801	261.4	22.96588	56.9524
113.2041	3.641403	10.84887	862.8609	263.2	22.96588	56.72886
84.95509	3.653442	10.86136	859.5801	263.9	26.24672	56.79588
60.47845	3.669395	10.87803	859.5801	264.6	26.24672	57.15383
61.18454	3.682558	10.89185	859.5801	264.6	26.24672	58.07107
76.60703	3.700163	10.91015	853.0184	265.1	26.24672	57.82524
92.0126	3.713967	10.9249	853.0184	266	26.24672	58.29458
90.77908	3.743501	10.95575	853.0184	266.9	26.24672	58.0038
81.96719	3.754704	10.96769	856.2993	268	26.24672	57.55648
59.6604	3.766561	10.9801	859.5801	268.4	26.24672	58.16035
60.83104	3.789215	11.00391	859.5801	268.7	29.52756	58.29456
62.48631	3.801343	11.01699	859.5801	269.8	29.52756	57.71297
67.43875	3.818139	11.03498	872.7034	271.6	29.52756	56.23722
84.48907	3.82834	11.046	866.1418	271.3	26.24672	56.01317
88.60396	3.838485	11.05676	856.2993	272.4	26.24672	55.99097
91.55438	3.859727	11.07957	853.0184	272.6	29.52756	56.9084
93.03064	3.872563	11.09338	859.5801	274	29.52756	56.88531
93.4882	3.897659	11.12008	859.5801	275.7	26.24672	56.16963
93.66747	3.911314	11.13454	862.8609	276.8	26.24672	56.16954
93.41193	3.923564	11.14734	862.8609	277.9	22.96588	56.41555
98.06591	3.937765	11.16226	866.1418	278.7	22.96588	56.75136
99.29574	3.949534	11.17462	869.4226	278.8	22.96588	56.72882
97.06966	3.96609	11.19189	869.4226	279.8	22.96588	57.64585
95.98433	3.991882	11.2188	872.7034	280.9	22.96588	57.37748
94.43463	4.004029	11.23153	872.7034	280.6	22.96588	57.4669
93.4485	4.020833	11.24883	872.7034	281.1	26.24672	57.51163
94.55573	4.03258	11.2612	875.9843	282.1	26.24672	57.06425
96.39605	4.04845	11.27772	879.2651	281.1	26.24672	57.01955
103.913	4.062247	11.29197	875.9843	280.2	29.52756	57.80246
126.2242	4.079741	11.30993	885.8268	282.8	32.8084	57.95937
108.5812	4.10428	11.3358	885.8268	284.1	32.8084	57.84724
76.53748	4.114476	11.34646	882.546	286.8	29.52756	57.62348
58.69218	4.132958	11.36643	882.546	286.6	29.52756	56.66159
56.08274	4.146656	11.38125	892.3885	286.6	29.52756	55.54378
55.3488	4.158041	11.39395	892.3885	285.1	29.52756	54.35778
36.15398	4.18352	11.42284	892.3885	286.4	39.37008	54.33519
0	4.194263	11.43584	895.6693	287.3	42.65092	53.70896
0	4.203263	11.44681	898.9501	287.7	45.93176	54.37992
0	4.213685	11.45992	905.5118	286.6	45.93176	51.00227
0	4.22525	11.47555	908.7927	283.5	49.2126	47.93755
0	4.244169	11.50351	905.5118	284.7	45.93176	46.05879
0	4.250719	11.51385	902.231	284.5	45.93176	46.30502
0	4.259289	11.52865	905.5118	285.5	45.93176	42.3452
0	4.267487	11.54386	895.6693	285.6	45.93176	42.90514
0.963335	4.274683	11.55867	895.6693	285.6	45.93176	36.46212
5.671865	4.286958	11.58845	892.3885	289	42.65092	29.2818
12.37543	4.291378	11.60043	889.1077	287	42.65092	25.5908

21.14325	4.295545	11.61322	885.8268	286.2	39.37008	21.63191
32.77026	4.299876	11.62812	892.3885	284.2	39.37008	17.73926
36.28464	4.303715	11.64425	889.1077	283.9	39.37008	15.03236
32.60717	4.308336	11.66979	892.3885	283.7	36.08924	12.25914
36.93534	4.31005	11.68229	892.3885	291.6	36.08924	9.641844
28.33853	4.31176	11.6974	892.3885	293.4	39.37008	8.030633
10.10786	4.314485	11.72253	892.3885	296.8	39.37008	7.247674
78.09673	4.316117	11.73381	892.3885	285.5	36.08924	8.657204
88.6128	4.319803	11.75074	895.6693	284.9	36.08924	12.06007
92.55931	4.323105	11.76346	898.9501	288	36.08924	14.36407
95.01865	4.3307	11.78822	905.5118	289.6	32.8084	17.0036
92.24084	4.3366	11.80507	908.7927	286.6	32.8084	19.93212
89.08949	4.341156	11.81741	898.9501	286.8	32.8084	22.03411
111.6133	4.346908	11.8316	902.231	286	32.8084	23.48936
125.6167	4.352519	11.84472	902.231	287.8	32.8084	25.09844
131.2712	4.365171	11.87172	902.231	287.4	36.08924	27.20118
137.9879	4.373912	11.88863	905.5118	287.7	32.8084	29.19233
134.8336	4.381331	11.90203	912.0735	288.1	36.08924	31.04933
134.8336	4.39246	11.92138	912.0735	287.7	36.08924	32.59254
135.4274	4.400821	11.93512	915.3544	287.2	36.08924	34.80835
136.2646	4.410164	11.94989	912.0735	286.1	32.8084	37.17902
136.8204	4.418411	11.9627	915.3544	286	32.8084	39.01325
162.365	4.42844	11.97717	912.0735	286.8	32.8084	40.24258
153.2179	4.447829	12.00452	908.7927	287.8	32.8084	41.2715
170.7643	4.457303	12.01727	912.0735	287.4	32.8084	42.9716
170.7643	4.47062	12.03444	908.7927	288.3	32.8084	43.79942
100.726	4.480487	12.04716	908.7927	288.7	36.08924	44.73878
90.79443	4.500945	12.07279	908.7927	287.2	36.08924	46.37169
85.48355	4.513992	12.08897	915.3544	286.8	36.08924	46.84158
19.45681	4.524942	12.10273	918.6352	284.6	36.08924	47.31129
0	4.534298	12.11479	915.3544	282.4	32.8084	47.62879
0	4.544298	12.12754	912.0735	281.8	32.8084	47.49058
6.2026	4.558065	12.14484	918.6352	281	32.8084	46.57303
1.024804	4.577987	12.17034	908.7927	278.4	32.8084	46.90874
0	4.587369	12.18235	905.5118	276.8	32.8084	46.39425
0	4.602975	12.20293	902.231	275	32.8084	45.87961
0	4.613744	12.21706	902.231	274	32.8084	45.1414
0	4.625222	12.2326	902.231	272.2	32.8084	45.29823
0	4.634778	12.2454	895.6693	270.9	32.8084	44.55977
0	4.645776	12.26052	898.9501	270.8	32.8084	43.68739
0	4.664624	12.2874	902.231	270.4	32.8084	42.83733
0	4.67411	12.30156	898.9501	269.9	32.8084	41.65176
0	4.686223	12.32026	902.231	269.3	32.8084	40.84676
0	4.695523	12.33551	902.231	268.5	36.08924	39.88488
0	4.703743	12.3499	902.231	268.4	36.08924	36.86481
0	4.710757	12.36333	898.9501	268.5	36.08924	33.46457
0	4.719224	12.3802	892.3885	267.5	36.08924	31.60798

0	4.729977	12.40352	892.3885	268	36.08924	29.68418
0.949342	4.737	12.42022	895.6693	267.6	39.37008	28.83466
1.909075	4.74329	12.43606	898.9501	267	39.37008	27.02234
1.909716	4.749434	12.45226	895.6693	267.5	39.37008	24.91947
6.352926	4.754784	12.4664	892.3885	268.5	39.37008	22.77272
21.25361	4.760036	12.48097	895.6693	269.2	36.08924	22.4142
21.25361	4.767655	12.50315	895.6693	268.7	36.08924	22.07884
27.06222	4.772679	12.51832	892.3885	268.9	36.08924	20.31138
31.05783	4.776338	12.52976	902.231	270.6	36.08924	18.6338
33.24257	4.783411	12.55585	908.7927	269.6	36.08924	17.67321
33.63495	4.78632	12.56863	905.5118	264.8	36.08924	15.61382
29.56115	4.789073	12.58105	905.5118	266.5	36.08924	14.87623
24.09656	4.792125	12.59595	912.0735	266.9	36.08924	13.82492
55.29999	4.795315	12.61045	908.7927	266.3	36.08924	14.13744
89.30018	4.801933	12.63754	912.0735	269	36.08924	14.51779
141.6172	4.804559	12.64681	915.3544	269.6	36.08924	17.29157
170.6678	4.809935	12.66227	908.7927	269.8	36.08924	20.26664
193.9033	4.814507	12.67475	905.5118	270.1	36.08924	23.46556
197.2538	4.827101	12.70344	915.3544	273.1	36.08924	24.47381
208.4273	4.835897	12.72108	912.0735	271	36.08924	28.2307
213.6552	4.843236	12.73529	915.3544	271.1	36.08924	29.43877
204.5997	4.850981	12.74938	921.916	271.1	36.08924	31.11659
199.592	4.857179	12.76014	925.1969	271.1	36.08924	32.9959
200.1457	4.869374	12.78061	918.6352	269.9	36.08924	35.45562
196.6057	4.878294	12.79481	921.916	270.3	36.08924	36.70837
194.857	4.896397	12.82244	925.1969	270.6	36.08924	37.82683
203.7781	4.896397	12.82244	925.1969	270.2	36.08924	38.9898
219.0859	4.917171	12.85276	925.1969	269.9	36.08924	40.42145
250.0107	4.92755	12.86721	925.1969	269.3	39.37008	42.68084
249.0421	4.938678	12.88231	931.7585	269.5	36.08924	43.8666
244.7979	4.951792	12.89992	931.7585	270.2	39.37008	44.22459
222.2287	4.962468	12.91348	928.4777	269.1	36.08924	46.14801
234.937	4.971577	12.92524	931.7585	269.2	36.08924	46.90855
230.0812	4.994935	12.95452	935.0394	270	36.08924	47.0429
141.1775	5.004821	12.96657	931.7585	269.9	36.08924	47.55729
103.6949	5.01781	12.98279	938.3203	270.3	39.37008	48.20631
84.38754	5.028914	12.99631	938.3203	269.3	39.37008	49.05614
83.4656	5.044591	13.01576	944.8819	270.5	39.37008	47.40068
82.90636	5.055804	13.03004	941.6011	269.9	36.08924	47.51253
78.72171	5.067328	13.04453	935.0394	270.5	39.37008	47.08753
76.78932	5.077709	13.05737	935.0394	269.3	39.37008	48.16157
76.24689	5.093602	13.07771	935.0394	269.5	36.08924	47.62442
70.4237	5.112984	13.10215	935.0394	268.8	39.37008	48.11652
76.02928	5.123975	13.11623	938.3203	269.6	36.08924	47.49018
76.02928	5.138639	13.13512	931.7585	270	36.08924	47.13229
60.07759	5.150273	13.14994	938.3203	270.2	36.08924	47.02074
71.9726	5.162663	13.16587	941.6011	270	36.08924	46.86401

99.21642	5.173513	13.17997	948.1628	270.2	32.8084	46.86408
134.8321	5.184776	13.19417	944.8819	269.9	36.08924	47.51255
131.8855	5.207386	13.22231	944.8819	269.7	32.8084	48.27361
113.8607	5.218493	13.23603	954.7244	270.5	32.8084	47.69182
86.57822	5.232533	13.25366	954.7244	270.2	32.8084	48.13887
71.33981	5.243726	13.26745	954.7244	269.8	36.08924	48.47454
38.75618	5.255765	13.28236	958.0053	270	36.08924	47.78096
44.19263	5.267805	13.2978	964.567	270.1	36.08924	47.40068
48.13933	5.281397	13.31505	964.567	269.7	36.08924	47.6915
49.61202	5.293658	13.33056	964.567	269.3	32.8084	47.647
51.7475	5.305612	13.34608	964.567	269	32.8084	47.17703
52.34079	5.314951	13.35815	964.567	268.9	32.8084	46.68486
53.38571	5.333113	13.38133	964.567	268.9	32.8084	46.81912
47.48138	5.349022	13.40208	967.8478	269.4	32.8084	45.32047
49.65738	5.357648	13.4134	967.8478	268.3	36.08924	45.92435
56.10686	5.370935	13.43088	961.2861	267.3	36.08924	46.88631
78.11505	5.381911	13.44503	961.2861	267.6	36.08924	46.68495
96.38957	5.393631	13.46027	958.0053	267.7	39.37008	46.9758
105.0268	5.416523	13.48899	961.2861	268.7	36.08924	46.88627
105.6113	5.427372	13.50252	971.1287	269.4	36.08924	46.93111
103.9577	5.439681	13.51743	971.1287	269.1	36.08924	48.07177
109.2351	5.452094	13.53262	967.8478	268.6	36.08924	49.14549
108.1853	5.465637	13.5488	961.2861	268.3	36.08924	49.63786
106.8049	5.479671	13.56517	964.567	268.4	36.08924	50.46528
103.5513	5.494199	13.58202	961.2861	268.4	36.08924	50.37605
101.7733	5.505518	13.59512	948.1628	267.6	36.08924	51.76329
85.46766	5.521342	13.61374	948.1628	268.1	36.08924	51.80752
79.08392	5.534959	13.62965	954.7244	268.5	36.08924	51.76278
78.03423	5.557301	13.6555	944.8819	268.1	36.08924	51.36023
81.45492	5.557301	13.6555	951.4436	267.7	36.08924	52.03116
86.19343	5.586261	13.68894	951.4436	268.3	36.08924	51.00215
89.54597	5.599437	13.70448	951.4436	267.9	36.08924	52.12062
89.40765	5.611391	13.71801	958.0053	268.1	36.08924	51.76288
89.57375	5.627254	13.73665	964.567	267.8	36.08924	51.87514
115.781	5.638706	13.74986	964.567	268.1	36.08924	51.65091
115.781	5.65211	13.7654	974.4095	268.5	36.08924	51.24829
83.47374	5.668312	13.78431	980.9711	268.5	36.08924	51.76319
68.5468	5.684259	13.80265	987.5328	270.6	39.37008	51.62873
108.9866	5.696746	13.81715	990.8137	267.9	36.08924	51.49498
132.5575	5.713609	13.83674	990.8137	267.5	36.08924	51.91968
128.6273	5.724366	13.84882	987.5328	267	36.08924	51.897
109.1798	5.737765	13.86431	987.5328	266.9	36.08924	51.44961
98.40769	5.749148	13.87727	984.252	266.5	36.08924	51.94168
97.25803	5.767161	13.89755	984.252	266.1	36.08924	52.56802
109.5946	5.776122	13.90785	980.9711	266.1	36.08924	52.52326
66.34644	5.802986	13.93842	990.8137	266.2	32.8084	52.36707
74.63972	5.812915	13.94978	980.9711	265.8	32.8084	51.76271

85.28734	5.826095	13.96521	987.5328	266.2	36.08924	50.91317
85.28734	5.84655	13.98942	987.5328	266.2	36.08924	50.84568
83.64279	5.859177	14.00422	984.252	265.2	36.08924	51.89732
94.98994	5.871359	14.01842	987.5328	265.2	36.08924	51.56155
112.1842	5.882363	14.03114	987.5328	265	36.08924	52.00877
102.8101	5.89565	14.04631	990.8137	264.9	36.08924	51.71804
103.1647	5.906572	14.05899	994.0945	264.6	36.08924	52.79263
81.83733	5.929837	14.0856	990.8137	263.9	36.08924	53.30619
51.19851	5.942139	14.09978	990.8137	263.7	36.08924	52.81424
16.64776	5.955857	14.11562	997.3754	265	36.08924	50.42055
14.18726	5.968062	14.13036	997.3754	264	36.08924	51.3154
23.87486	5.978837	14.14313	1000.656	263.8	36.08924	51.13649
29.03526	5.990414	14.15651	1003.937	263.9	36.08924	50.44293
16.1053	6.005213	14.17443	1003.937	264.7	36.08924	49.19025
28.26225	6.030957	14.20487	1003.937	263.7	36.08924	50.12974
33.44524	6.045533	14.22249	1007.218	264.1	36.08924	49.61525
44.33322	6.055871	14.23463	1007.218	263.9	36.08924	50.12974
52.91312	6.068804	14.25019	1003.937	263.6	36.08924	49.86143
52.94862	6.082274	14.26605	997.3754	264.4	36.08924	48.89961
52.94862	6.10048	14.28699	1003.937	264	36.08924	50.06263
66.99352	6.11268	14.30146	1003.937	263.2	36.08924	51.09165
73.44762	6.125795	14.31633	997.3754	262.3	36.08924	52.81475
68.16033	6.138515	14.3308	997.3754	262.3	39.37008	53.41815
60.77484	6.151886	14.34599	987.5328	262.7	39.37008	52.85948
55.9407	6.173895	14.37041	990.8137	263.2	39.37008	52.76945
54.31617	6.187216	14.38498	990.8137	263	39.37008	53.1721
16.56481	6.201663	14.40095	987.5328	262.6	39.37008	54.06692
8.713092	6.215877	14.41665	980.9711	262	39.37008	53.86661
10.81853	6.229007	14.43082	984.252	261.6	39.37008	54.91695
16.44118	6.242731	14.44574	984.252	261.8	39.37008	54.93923
17.54253	6.256516	14.46094	980.9711	261.6	39.37008	55.00634
4.366064	6.279407	14.48574	984.252	261	36.08924	56.19191
0	6.292659	14.50027	980.9711	260.9	36.08924	55.25269
0	6.309146	14.51812	977.6903	260.5	36.08924	55.72216
0	6.320476	14.53083	967.8478	260	36.08924	54.72075
0	6.342946	14.55532	967.8478	259.9	36.08924	54.58215
19.59878	6.342946	14.55532	967.8478	259.6	36.08924	55.2748
35.31475	6.373222	14.58809	964.567	259.5	36.08924	54.58147
55.86134	6.386029	14.60195	967.8478	259.5	36.08924	54.49199
94.70354	6.399223	14.61603	967.8478	259.1	36.08924	55.99055
99.8803	6.413189	14.63048	967.8478	259.2	36.08924	56.46034
95.86597	6.435798	14.65424	967.8478	259.4	36.08924	56.23679
97.48376	6.449012	14.66768	971.1287	258.7	36.08924	57.53436
90.63698	6.464352	14.68344	967.8478	257.9	32.8084	58.11562
87.61983	6.478815	14.69828	971.1287	257.6	32.8084	58.63025
86.68785	6.49188	14.71143	964.567	256.8	32.8084	59.21186
84.15575	6.504839	14.72454	964.567	256.9	32.8084	59.01072

84.37521	6.523412	14.7435	961.2861	256.5	32.8084	59.1447
92.57047	6.549983	14.7707	964.567	256.2	32.8084	58.60789
91.89353	6.564324	14.78503	967.8478	256.2	32.8084	58.54078
92.26443	6.579116	14.80027	967.8478	256.3	32.8084	57.82487
89.89661	6.594623	14.81584	964.567	256.2	36.08924	58.58536
82.97169	6.609437	14.83093	961.2861	256.1	36.08924	58.94327
58.42123	6.624494	14.84657	964.567	256	36.08924	58.25137
59.61773	6.644371	14.86728	964.567	256	36.08924	58.38439
0	6.963523	15.40825	944.8819	2.4	36.08924	29.59468
0	6.975627	15.42717	951.4436	1.5	22.96588	35.52509
0	6.984682	15.4413	964.567	359.9	22.96588	38.36346
0	7.003773	15.47141	964.567	2.5	19.68504	37.6029
0	7.01406	15.48757	948.1628	356.3	19.68504	39.6833
0	7.022174	15.50056	938.3203	355.1	19.68504	39.5043
0	7.031636	15.516	948.1628	356.1	19.68504	39.52669
0	7.040417	15.53015	961.2861	357.4	22.96588	38.63242
0	7.050743	15.54679	964.567	0.2	19.68504	38.07331
0	7.059861	15.56166	967.8478	1.1	19.68504	37.58096
0	7.076551	15.58903	967.8478	1.4	16.4042	37.17821
0	7.076551	15.58903	964.567	359.9	16.4042	36.8203
0	7.09712	15.62218	967.8478	359.3	19.68504	37.53622
0	7.106968	15.6381	964.567	358.8	22.96588	38.20704
0	7.115162	15.65117	967.8478	2.2	26.24672	37.22286
0	7.124795	15.66634	958.0053	1.9	19.68504	37.91607
0	7.133759	15.68054	961.2861	1.6	19.68504	38.11745
0	7.149539	15.70573	961.2861	359.6	19.68504	38.16216
0	7.149539	15.70573	967.8478	0.9	16.4042	37.40239
0	7.161882	15.72681	964.567	2.2	16.4042	35.70195
0	7.170342	15.74199	961.2861	358.8	19.68504	34.60559
1.868829	7.183781	15.76746	961.2861	355.5	19.68504	34.4042
0	7.190392	15.78083	961.2861	355.1	22.96588	33.24087
0.931664	7.197558	15.79525	964.567	356.8	22.96588	33.77821
0.960795	7.210691	15.82241	964.567	350.3	19.68504	30.51182
4.746657	7.215819	15.83382	964.567	352.7	19.68504	29.54994
5.672667	7.221307	15.84657	958.0053	350.1	22.96588	28.00659
8.566982	7.23052	15.872	954.7244	351.4	19.68504	24.22611
19.50207	7.234879	15.88755	958.0053	353.2	16.4042	20.19965
32.91464	7.237963	15.90109	958.0053	356.9	16.4042	17.29175
35.56361	7.240227	15.91381	954.7244	357.6	19.68504	13.01897
37.98763	7.241951	15.92763	948.1628	1.3	19.68504	10.06631
31.25387	7.244559	15.95592	951.4436	355.8	16.4042	7.359827
44.663	7.246429	15.96801	951.4436	358.9	19.68504	7.941124
79.22622	7.249885	15.9846	948.1628	3.5	19.68504	8.970561
83.81913	7.249885	15.9846	951.4436	356.8	19.68504	12.68343
101.3169	7.260574	16.02003	948.1628	358.5	16.4042	15.83776
131.9895	7.265771	16.03354	941.6011	1.6	16.4042	19.64092
133.9911	7.271081	16.0459	948.1628	358.3	16.4042	23.19712

152.7103	7.27799	16.06073	954.7244	358.9	16.4042	27.22366
150.3918	7.285199	16.07495	954.7244	2.8	19.68504	29.30388
144.5424	7.301956	16.1047	954.7244	0.9	16.4042	31.58567
139.6315	7.310514	16.11915	954.7244	359	16.4042	34.58329
80.69108	7.318234	16.13156	958.0053	359.9	19.68504	35.8808
76.93108	7.325025	16.14255	958.0053	358	19.68504	37.46901
23.55022	7.342894	16.17101	954.7244	0.2	19.68504	37.67001
22.62063	7.348794	16.18033	961.2861	0.5	19.68504	36.70846
12.63666	7.364321	16.20489	964.567	0.9	19.68504	36.55188
0	7.374996	16.22208	958.0053	2.2	19.68504	36.14892
6.746907	7.380392	16.23061	958.0053	1.5	19.68504	36.68578
16.15136	7.388054	16.24296	951.4436	359.7	16.4042	36.88714
24.1923	7.396826	16.25743	958.0053	359.6	16.4042	37.37937
26.05997	7.410711	16.27974	951.4436	0	19.68504	37.53596
35.00453	7.426129	16.30449	948.1628	0.7	19.68504	36.82014
37.09999	7.43514	16.31891	948.1628	0.5	19.68504	37.20042
38.44965	7.445241	16.33514	948.1628	0.1	19.68504	37.49186
37.47616	7.452767	16.34747	948.1628	359.8	19.68504	37.26736
37.15076	7.461121	16.36061	944.8819	0.8	19.68504	37.3792
37.04324	7.477527	16.38649	941.6011	359.9	22.96588	37.62527
38.5397	7.484725	16.3979	941.6011	359.5	32.8084	37.80433
38.52492	7.493512	16.41177	941.6011	0.2	32.8084	37.91618
38.61374	7.510489	16.43867	938.3203	0.4	29.52756	38.05035
37.01799	7.519646	16.45314	935.0394	0.4	29.52756	37.8937
14.24119	7.526887	16.46477	928.4777	0.1	29.52756	37.82662
21.21144	7.534963	16.47754	931.7585	0	29.52756	37.73717
28.00924	7.544613	16.49305	935.0394	359.9	29.52756	37.8492
40.51405	7.562823	16.52171	935.0394	0	29.52756	37.9386
41.96821	7.570653	16.53408	938.3203	0	29.52756	38.09503
33.2661	7.581009	16.5505	931.7585	0.2	29.52756	38.11742
16.15437	7.589008	16.56336	938.3203	0.1	29.52756	37.96097
19.14642	7.603087	16.58566	938.3203	0.1	29.52756	37.84929
28.28625	7.613089	16.60148	935.0394	0.2	29.52756	37.82676
59.59389	7.622699	16.6164	935.0394	0	32.8084	37.67017
63.39737	7.631583	16.63055	931.7585	0.8	32.8084	38.13976
69.56632	7.638607	16.64189	925.1969	0.4	32.8084	37.73717
70.14545	7.650441	16.66046	925.1969	0.4	36.08924	38.00571
73.6935	7.660195	16.67597	925.1969	358.9	36.08924	37.40168
73.30798	7.677838	16.70396	928.4777	0.2	36.08924	38.47541
72.53114	7.68636	16.71704	928.4777	1	36.08924	38.87795
47.20396	7.696349	16.7326	935.0394	2.8	32.8084	38.76642
42.68354	7.704486	16.74529	938.3203	3	32.8084	38.87873
27.43456	7.713195	16.75886	941.6011	3	32.8084	38.67715
12.10072	7.731862	16.78787	938.3203	3.4	32.8084	39.12412
8.017219	7.740701	16.80161	944.8819	3.1	32.8084	39.37039
8.025819	7.749016	16.81429	941.6011	4.3	36.08924	40.22012
12.11759	7.761004	16.83278	938.3203	5.3	36.08924	39.41482

28.88977	7.769965	16.84633	935.0394	3.1	36.08924	38.05045
31.00625	7.786991	16.87259	931.7585	2.3	36.08924	38.40825
30.91809	7.786991	16.87259	931.7585	2.2	36.08924	38.54251
36.28753	7.808507	16.90587	935.0394	0.4	32.8084	38.76633
59.28564	7.817582	16.92004	928.4777	0.5	32.8084	38.74376
15.93014	7.823111	16.92867	931.7585	0.7	29.52756	38.58739
3.971723	7.834491	16.94664	931.7585	0.7	29.52756	38.0729
15.91467	7.844197	16.96221	938.3203	0.6	29.52756	37.67043
53.66602	7.85783	16.9842	931.7585	0.4	29.52756	37.37944
59.89619	7.86752	16.99968	928.4777	0	29.52756	35.5674
68.62597	7.875266	17.01241	928.4777	359.5	29.52756	36.39529
61.84169	7.884376	17.02695	928.4777	359.5	32.8084	36.79794
59.6369	7.892167	17.03977	925.1969	359.8	29.52756	36.41788
52.0437	7.910031	17.0695	928.4777	359.9	29.52756	36.19419
50.59495	7.919227	17.08494	925.1969	359.8	29.52756	35.90327
0	7.926865	17.09807	928.4777	0	29.52756	35.47852
0	7.939955	17.12066	925.1969	359.9	29.52756	34.91858
0	7.948155	17.13492	925.1969	0	29.52756	34.38174
0	7.956238	17.14937	921.916	0	29.52756	34.15813
0	7.962871	17.16139	928.4777	0.2	29.52756	33.80047
0	7.971932	17.1777	925.1969	1	29.52756	33.33035
0	7.986231	17.20494	921.916	1.5	29.52756	32.23432
0	7.993331	17.21971	918.6352	1.2	29.52756	30.06472
0	8.001572	17.23832	918.6352	0.4	29.52756	27.78333
5.748342	8.00597	17.24861	915.3544	0.3	29.52756	25.83686
6.654359	8.011033	17.26101	908.7927	359.9	29.52756	24.04716
10.54245	8.017044	17.27728	912.0735	0	29.52756	21.72094
22.87619	8.02237	17.29346	912.0735	359.8	29.52756	19.5521
32.91531	8.031514	17.32283	908.7927	0.1	29.52756	18.88059
33.41933	8.035277	17.33493	912.0735	0	29.52756	18.56669
40.3687	8.040903	17.35251	912.0735	0	29.52756	18.94685
6.297405	8.044828	17.36489	915.3544	1.4	32.8084	19.19293
6.827414	8.04925	17.38076	915.3544	0.7	32.8084	17.80636
7.777974	8.052772	17.39457	912.0735	358.7	36.08924	16.97848
14.65549	8.057944	17.41704	915.3544	0.5	36.08924	15.8379
33.28455	8.060328	17.4305	918.6352	357.8	36.08924	13.19885
38.13413	8.062855	17.45496	915.3544	353.9	36.08924	9.574506
19.65923	8.064838	17.46968	915.3544	8.2	36.08924	7.583214
66.19192	8.0675	17.48589	912.0735	30.6	32.8084	9.909627
85.89335	8.070735	17.50225	915.3544	46.9	32.8084	12.05742
65.80485	8.073467	17.51494	912.0735	75.2	32.8084	13.93613
92.864	8.077543	17.53051	912.0735	81.5	32.8084	15.30071
72.50446	8.08162	17.54534	912.0735	80.5	36.08924	15.6362
27.8632	8.08775	17.56919	915.3544	81.3	39.37008	16.37439
31.48252	8.090668	17.58329	915.3544	75.9	45.93176	15.43488
35.84921	8.092461	17.59358	915.3544	80.1	45.93176	17.24684
38.08147	8.094615	17.60955	912.0735	89.7	49.2126	14.24928

33.3644	8.096731	17.63468	912.0735	79.5	52.49344	13.1532
22.82918	8.097857	17.64822	912.0735	74.4	55.77428	10.15571
64.11325	8.099497	17.66273	912.0735	74.7	39.37008	6.255507
72.94838	8.101588	17.6772	905.5118	74.5	36.08924	6.198897
72.94838	8.10667	17.70177	902.231	45.9	39.37008	4.320126
85.42175	8.109929	17.71603	905.5118	26.8	36.08924	8.589952
91.87003	8.114016	17.73182	912.0735	5.3	36.08924	13.22029
86.94411	8.117911	17.74522	908.7927	3.1	36.08924	15.83752
83.05673	8.126498	17.77249	905.5118	351.9	36.08924	16.46399
61.3405	8.130714	17.78514	905.5118	349.5	36.08924	16.30727
65.59946	8.134772	17.79716	902.231	0.2	36.08924	19.08107
67.0228	8.140051	17.81271	895.6693	0.7	36.08924	19.59561
78.742	8.145918	17.82932	895.6693	0.7	36.08924	20.98246
22.4058	8.1508	17.84407	902.231	2	36.08924	20.15511
0	8.155578	17.85954	895.6693	2.5	36.08924	20.46797
5.839829	8.163072	17.88825	898.9501	4.4	36.08924	16.79953
13.69178	8.166175	17.90243	902.231	10.2	36.08924	17.29153
35.68346	8.168883	17.91622	902.231	13	36.08924	18.70164
48.0874	8.171914	17.9325	915.3544	13.9	36.08924	16.44884
65.09069	8.174701	17.94663	915.3544	82.9	32.8084	12.46174
73.63239	8.177753	17.96083	915.3544	84.9	32.8084	13.08615
81.2608	8.180628	17.97293	912.0735	82.6	36.08924	14.49542
80.06994	8.186856	17.99601	905.5118	85.6	32.8084	15.39071
87.22956	8.190925	18.0098	902.231	80.3	32.8084	15.45763
83.68461	8.198709	18.0356	908.7927	73.9	32.8084	16.12856
83.02775	8.204275	18.05328	915.3544	59.8	32.8084	18.59197
35.88235	8.208237	18.06606	918.6352	53.3	29.52756	18.41228
0	8.212685	18.08154	918.6352	49.8	29.52756	17.18213
7.017303	8.216186	18.09569	921.916	47.6	29.52756	15.03328
31.30828	8.219604	18.11289	918.6352	43.8	32.8084	13.9815
39.02658	8.223075	18.13742	921.916	37.6	36.08924	13.53347
33.45565	8.224177	18.15086	921.916	16.3	32.8084	7.161691
33.77555	8.225324	18.16671	928.4777	10.8	32.8084	5.885226
36.50921	8.226437	18.18622	928.4777	339.8	32.8084	3.355703
55.65213	8.227122	18.19724	928.4777	341	32.8084	3.356075
89.61906	8.228431	18.21524	935.0394	322.1	32.8084	4.298644
20.83721	8.229733	18.23828	938.3203	319.4	32.8084	3.671916
39.97688	8.230097	18.24677	941.6011	327.4	32.8084	3.200774
42.46581	8.230737	18.26744	928.4777	302.4	32.8084	1.493228
42.99949	8.231124	18.27991	928.4777	17.8	36.08924	2.041625
43.44118	8.231124	18.29236	928.4777	321.9	36.08924	0.805608
43.93531	8.231124	18.30756	931.7585	18.1	36.08924	0.788024
43.36841	8.231124	18.33404	935.0394	0	36.08924	0
41.97921	8.231124	18.35131	938.3203	0	36.08924	0
36.58978	8.231541	18.36473	938.3203	0	39.37008	0
42.74343	8.23208	18.38224	938.3203	0	39.37008	0
42.56231	8.232475	18.39501	938.3203	0	42.65092	0

43.83089	8.233249	18.41969	938.3203	0	39.37008	0
41.28951	8.233804	18.43773	938.3203	0	39.37008	0
43.19567	8.234229	18.45124	938.3203	0	39.37008	0
42.49058	8.234614	18.46366	935.0394	0	39.37008	0
44.88942	8.235004	18.47641	938.3203	0	39.37008	0
44.53724	8.235467	18.50332	935.0394	0	39.37008	0
44.1064	8.235467	18.5129	935.0394	0	39.37008	0
43.59583	8.235467	18.52667	935.0394	0	39.37008	0
47.98704	8.235467	18.54656	935.0394	0	39.37008	0
45.13671	8.235467	18.55899	935.0394	0	39.37008	0
15.10153	8.235467	18.58869	935.0394	0	36.08924	0
7.642169	8.235467	18.60259	935.0394	0	36.08924	0
7.551109	8.235467	18.61447	935.0394	0	36.08924	0
6.65359	8.235467	18.63277	935.0394	0	36.08924	0
7.519796	8.235467	18.64665	935.0394	0	36.08924	0