

Tropical Pacific CTD Data

Elapsed Time [minutes]	Depth [m]	Pressure [db]	Temperature [°C]	Salinity [psu]	Oxygen Concentration [μmol/kg]	Sound Velocity [m/s]	Scan Count	Scans per Bin
0.008	3.08	3.099	26.0968	35.0486	139.639	1537.49	13	24
0.0247	3.338	3.359	26.0975	35.0484	143.232	1537.5	37	24
0.0413	3.258	3.278	26.0982	35.0444	141.938	1537.49	61	24
0.058	3.057	3.076	26.0983	35.0507	136.227	1537.49	85	24
0.0747	3.386	3.406	26.0974	35.0504	131.656	1537.5	109	24
0.0913	4.037	4.061	26.0952	35.0571	130.407	1537.51	133	24
0.108	4.582	4.61	26.096	35.0619	133.473	1537.53	157	24
0.1247	4.568	4.596	26.097	35.0577	147.701	1537.52	181	24
0.1413	3.752	3.775	26.0981	35.0546	154.497	1537.51	205	24
0.158	2.796	2.813	26.0991	35.0572	151.177	1537.5	229	24
0.1747	2.313	2.327	26.0992	35.0575	149.296	1537.49	253	24
0.1913	2.124	2.137	26.0991	35.0572	143.204	1537.49	277	24
0.208	2.663	2.68	26.0973	35.0616	137.289	1537.5	301	24
0.2247	3.589	3.611	26.0948	35.0671	142.497	1537.51	325	24
0.2413	4.092	4.116	26.0959	35.0671	165.756	1537.53	349	24
0.258	3.853	3.877	26.0966	35.0668	172.832	1537.52	373	24
0.2747	3.504	3.526	26.0974	35.0659	165.709	1537.52	397	24
0.2913	3.168	3.187	26.0982	35.0647	153.919	1537.51	421	24
0.308	3.363	3.384	26.097	35.0677	144.095	1537.51	445	24
0.3247	4.442	4.469	26.0957	35.0677	141.629	1537.53	469	24
0.3413	5.631	5.665	26.0944	35.0682	155.296	1537.55	493	24
0.358	6.416	6.456	26.0931	35.0687	175.724	1537.56	517	24
0.3747	6.856	6.898	26.0935	35.0688	175.962	1537.57	541	24
0.3913	7.093	7.137	26.0938	35.069	172.347	1537.57	565	24
0.408	7.271	7.315	26.0946	35.0634	169.632	1537.57	589	24
0.4247	7.469	7.514	26.0961	35.0675	178.287	1537.58	613	24
0.4413	7.72	7.767	26.0966	35.0681	190.883	1537.59	637	24
0.458	8.099	8.148	26.0957	35.0685	195.113	1537.59	661	24
0.4747	8.602	8.654	26.0959	35.0687	196.237	1537.6	685	24
0.4913	9.283	9.339	26.0959	35.0687	196.599	1537.61	709	24

0.508	10	10.061	26.0959	35.0688	196.416	1537.62	733	24
0.5247	10.707	10.773	26.0959	35.0688	196.606	1537.64	757	24
0.5413	11.365	11.434	26.0964	35.0691	196.66	1537.65	781	24
0.558	11.808	11.879	26.0965	35.0691	196.588	1537.66	805	24
0.5747	11.959	12.033	26.0962	35.0692	196.384	1537.66	829	24
0.5913	11.985	12.058	26.0966	35.0692	196.536	1537.66	853	24
0.608	12.219	12.294	26.0971	35.0694	196.127	1537.66	877	24
0.6247	12.738	12.816	26.0968	35.0694	195.666	1537.67	901	24
0.6413	13.387	13.469	26.0951	35.0695	196.168	1537.68	925	24
0.658	13.904	13.989	26.0951	35.0693	196.8	1537.69	949	24
0.6747	13.943	14.029	26.0955	35.0693	196.429	1537.69	973	24
0.6913	13.788	13.872	26.0963	35.0692	196.318	1537.69	997	24
0.708	13.547	13.63	26.097	35.0695	196.774	1537.69	1021	24
0.7247	13.394	13.476	26.0971	35.0696	196.255	1537.69	1045	24
0.7413	13.403	13.485	26.0965	35.0695	196.216	1537.68	1069	24
0.758	13.588	13.671	26.0954	35.0694	196.909	1537.68	1093	24
0.7747	13.838	13.923	26.0955	35.0695	196.857	1537.69	1117	24
0.7913	13.956	14.041	26.0954	35.0695	196.61	1537.69	1141	24
0.808	13.858	13.943	26.0964	35.0694	196.694	1537.69	1165	24
0.8246	13.652	13.736	26.0963	35.0696	196.633	1537.69	1189	24
0.8413	13.476	13.559	26.0966	35.0698	196.937	1537.69	1213	24
0.858	13.429	13.511	26.097	35.0697	196.521	1537.69	1237	24
0.8747	13.501	13.584	26.0959	35.0697	196.304	1537.68	1261	24
0.8913	13.577	13.66	26.0955	35.0698	196.244	1537.68	1285	24
0.908	13.538	13.621	26.0956	35.0698	196.063	1537.68	1309	24
0.9247	13.459	13.541	26.0959	35.0699	196.438	1537.68	1333	24
0.9413	13.49	13.573	26.0963	35.07	196.67	1537.68	1357	24
0.958	13.668	13.752	26.0957	35.0699	196.986	1537.69	1381	24
0.9747	13.892	13.977	26.0953	35.0699	196.987	1537.69	1405	24
0.9913	14.048	14.135	26.0952	35.0699	197.249	1537.69	1429	24
1.008	14.037	14.123	26.0955	35.0699	197.004	1537.69	1453	24
1.0247	13.849	13.933	26.0968	35.0699	196.678	1537.69	1477	24
1.0413	13.587	13.67	26.0968	35.0701	196.988	1537.69	1501	24
1.058	13.377	13.458	26.0969	35.0699	197.246	1537.68	1525	24

1.0747	13.301	13.382	26.0965	35.07	196.814	1537.68	1549	24
1.0913	13.381	13.463	26.0961	35.0701	196.668	1537.68	1573	24
1.108	13.525	13.608	26.0968	35.07	196.927	1537.69	1597	24
1.1247	13.703	13.787	26.0958	35.0699	196.584	1537.69	1621	24
1.1413	13.902	13.987	26.0949	35.07	196.912	1537.69	1645	24
1.158	14.021	14.107	26.0951	35.07	196.873	1537.69	1669	24
1.1747	13.909	13.994	26.0954	35.07	196.838	1537.69	1693	24
1.1913	13.602	13.686	26.0966	35.0698	196.909	1537.69	1717	24
1.208	13.295	13.377	26.0971	35.07	196.972	1537.68	1741	24
1.2247	13.148	13.228	26.0967	35.0701	197.195	1537.68	1765	24
1.2413	13.181	13.262	26.0965	35.0702	197.207	1537.68	1789	24
1.258	13.339	13.421	26.096	35.0702	196.681	1537.68	1813	24
1.2747	13.582	13.665	26.0956	35.0702	196.522	1537.69	1837	24
1.2913	13.82	13.904	26.0955	35.0701	196.921	1537.69	1861	24
1.308	13.944	14.029	26.0952	35.07	197.267	1537.69	1885	24
1.3247	13.903	13.988	26.0951	35.0701	196.428	1537.69	1909	24
1.3413	13.751	13.835	26.0964	35.07	195.877	1537.69	1933	24
1.358	13.638	13.721	26.0963	35.07	196.709	1537.69	1957	24
1.3747	13.683	13.767	26.0955	35.0701	196.299	1537.69	1981	24
1.3913	13.771	13.855	26.095	35.0701	196.671	1537.69	2005	24
1.408	13.751	13.836	26.0951	35.0701	196.883	1537.69	2029	24
1.4247	13.58	13.663	26.0951	35.0702	196.662	1537.68	2053	24
1.4413	13.362	13.444	26.0962	35.0701	196.813	1537.68	2077	24
1.458	13.332	13.414	26.0956	35.0703	196.56	1537.68	2101	24
1.4747	13.558	13.641	26.0953	35.0702	196.929	1537.68	2125	24
1.4913	13.868	13.953	26.0953	35.0702	196.763	1537.69	2149	24
1.508	13.968	14.053	26.0953	35.0701	196.77	1537.69	2173	24
1.5247	13.791	13.876	26.0957	35.0701	196.861	1537.69	2197	24
1.5413	13.487	13.57	26.0961	35.0702	196.424	1537.68	2221	24
1.558	13.336	13.417	26.0963	35.0702	196.52	1537.68	2245	24
1.5747	13.44	13.522	26.096	35.0701	196.635	1537.68	2269	24
1.5913	13.697	13.781	26.0953	35.0703	196.919	1537.69	2293	24
1.608	13.905	13.99	26.0951	35.0702	196.852	1537.69	2317	24
1.6247	13.863	13.948	26.0957	35.0701	196.738	1537.69	2341	24

1.6413	13.566	13.65	26.0962	35.0702	196.336	1537.69	2365	24
1.658	13.188	13.268	26.0963	35.0703	196.728	1537.68	2389	24
1.6747	12.948	13.027	26.0965	35.0703	196.905	1537.68	2413	24
1.6913	13.118	13.198	26.0959	35.0703	196.985	1537.68	2437	24
1.708	13.279	13.36	26.0957	35.0703	196.718	1537.68	2461	24
1.7247	13.21	13.291	26.096	35.0702	196.267	1537.68	2485	24
1.7413	12.835	12.913	26.0967	35.0704	195.806	1537.68	2509	24
1.758	12.073	12.147	26.0984	35.0702	195.937	1537.67	2533	24
1.7747	11.076	11.144	26.0992	35.0703	196.051	1537.65	2557	24
1.7913	10.1	10.162	26.0965	35.0704	196.318	1537.63	2581	24
1.808	9.286	9.343	26.0958	35.0704	196.309	1537.61	2605	24
1.8247	8.797	8.851	26.0958	35.0703	196.338	1537.61	2629	24
1.8413	8.655	8.707	26.0957	35.0705	196.984	1537.6	2653	24
1.858	8.554	8.606	26.0964	35.0704	196.587	1537.6	2677	24
1.8747	8.117	8.167	26.0969	35.0703	196.785	1537.6	2701	24
1.8913	7.299	7.343	26.0964	35.0704	196.824	1537.58	2725	24
1.908	6.671	6.711	26.0961	35.0705	196.638	1537.57	2749	24
1.9247	6.287	6.326	26.096	35.0704	196.489	1537.57	2773	24
1.9413	6.143	6.181	26.0959	35.0703	196.441	1537.56	2797	24
1.958	5.943	5.979	26.095	35.0704	196.347	1537.56	2821	24
1.9747	5.51	5.544	26.0962	35.0702	196.471	1537.55	2845	24
1.9913	5.003	5.034	26.096	35.0703	196.58	1537.54	2869	24
2.008	4.534	4.562	26.0959	35.0703	196.658	1537.54	2893	24
2.0247	4.36	4.386	26.0955	35.0705	196.689	1537.53	2917	24
2.0413	4.58	4.608	26.0945	35.0704	196.559	1537.53	2941	24
2.058	4.692	4.721	26.0938	35.0704	196.641	1537.53	2965	24
2.0747	4.328	4.355	26.0949	35.0704	196.878	1537.53	2989	24
2.0913	3.614	3.635	26.0954	35.0705	196.562	1537.52	3013	24
2.108	3.23	3.25	26.0954	35.0704	196.552	1537.51	3037	24
2.1247	3.662	3.685	26.0944	35.0705	196.583	1537.52	3061	24
2.1413	4.604	4.632	26.0933	35.0705	196.998	1537.53	3085	24
2.158	5.087	5.118	26.0931	35.0706	196.751	1537.54	3109	24
2.1747	5.621	5.656	26.093	35.0705	196.564	1537.55	3133	24
2.1913	6.12	6.157	26.094	35.0705	196.699	1537.56	3157	24

2.208	6.597	6.638	26.0948	35.0705	196.637	1537.57	3181	24
2.2247	7.107	7.151	26.0965	35.0706	196.325	1537.58	3205	24
2.2413	7.642	7.688	26.0974	35.0705	196.621	1537.59	3229	24
2.258	8.062	8.111	26.0951	35.0704	196.539	1537.59	3253	24
2.2747	8.339	8.391	26.095	35.0703	196.623	1537.6	3277	24
2.2913	8.636	8.688	26.0942	35.0705	196.946	1537.6	3301	24
2.308	9.02	9.075	26.0943	35.0705	196.63	1537.61	3325	24
2.3247	9.485	9.542	26.0945	35.0705	196.426	1537.62	3349	24
2.3413	9.909	9.969	26.0969	35.0705	196.399	1537.63	3373	24
2.358	10.214	10.276	26.0969	35.0705	196.987	1537.63	3397	24
2.3747	10.481	10.545	26.0973	35.0705	196.816	1537.64	3421	24
2.3913	10.922	10.988	26.0985	35.0706	196.552	1537.65	3445	24
2.408	11.551	11.622	26.0973	35.0707	196.722	1537.66	3469	24
2.4247	12.213	12.288	26.0951	35.0706	196.594	1537.66	3493	24
2.4413	12.692	12.77	26.0953	35.0706	196.141	1537.67	3517	24
2.458	13.045	13.125	26.0947	35.0707	196.531	1537.67	3541	24
2.4747	13.338	13.419	26.0945	35.0707	196.869	1537.68	3565	24
2.4913	13.626	13.71	26.0942	35.0706	196.228	1537.68	3589	24
2.508	14.012	14.098	26.0948	35.0706	196.452	1537.69	3613	24
2.5247	14.55	14.638	26.0947	35.0707	196.831	1537.7	3637	24
2.5413	15.212	15.305	26.0949	35.0706	197.075	1537.71	3661	24
2.558	15.881	15.978	26.0949	35.0704	197.208	1537.72	3685	24
2.5747	16.483	16.584	26.0951	35.0704	196.75	1537.73	3709	24
2.5913	16.921	17.025	26.0951	35.0705	196.63	1537.74	3733	24
2.608	17.338	17.444	26.0952	35.0703	196.703	1537.75	3757	24
2.6247	17.824	17.933	26.0954	35.0703	196.472	1537.76	3781	24
2.6413	18.367	18.48	26.0958	35.0704	196.614	1537.77	3805	24
2.658	18.931	19.047	26.096	35.0708	196.962	1537.78	3829	24
2.6747	19.515	19.634	26.0959	35.0706	196.936	1537.78	3853	24
2.6913	20.113	20.237	26.0959	35.0706	196.781	1537.8	3877	24
2.708	20.683	20.81	26.0962	35.071	197.109	1537.81	3901	24
2.7247	21.175	21.305	26.0962	35.0709	197.08	1537.81	3925	24
2.7413	21.625	21.758	26.0966	35.0707	196.771	1537.82	3949	24
2.758	22.115	22.25	26.0968	35.0709	196.689	1537.83	3973	24

2.7747	22.681	22.821	26.0968	35.0708	196.948	1537.84	3997	24
2.7913	23.257	23.4	26.0966	35.0707	196.421	1537.85	4021	24
2.808	23.837	23.983	26.0964	35.0707	196.329	1537.86	4045	24
2.8247	24.378	24.528	26.0967	35.0707	196.924	1537.87	4069	24
2.8413	24.778	24.93	26.0971	35.0707	196.648	1537.88	4093	24
2.858	25.079	25.233	26.0968	35.0708	196.647	1537.88	4117	24
2.8747	25.448	25.605	26.0967	35.0708	197.089	1537.89	4141	24
2.8913	25.975	26.135	26.0964	35.0709	196.954	1537.89	4165	24
2.908	26.572	26.735	26.0971	35.0709	197.041	1537.91	4189	24
2.9247	27.103	27.27	26.0967	35.0708	196.952	1537.91	4213	24
2.9413	27.513	27.682	26.0961	35.071	197.059	1537.92	4237	24
2.958	27.925	28.097	26.0971	35.0709	197.007	1537.93	4261	24
2.9747	28.497	28.673	26.0956	35.071	196.529	1537.93	4285	24
2.9913	29.263	29.443	26.0957	35.071	197.033	1537.95	4309	24
3.008	30.063	30.248	26.0952	35.071	196.659	1537.96	4333	24
3.0247	30.617	30.806	26.0952	35.071	196.399	1537.97	4357	24
3.0413	30.897	31.088	26.0949	35.0709	196.477	1537.97	4381	24
3.058	31.186	31.378	26.0945	35.0708	196.361	1537.98	4405	24
3.0747	31.748	31.944	26.0941	35.0709	196.286	1537.98	4429	24
3.0913	32.52	32.72	26.0949	35.0711	196.632	1538	4453	24
3.108	33.291	33.496	26.0959	35.071	196.949	1538.02	4477	24
3.1247	33.862	34.071	26.0962	35.0709	197.106	1538.02	4501	24
3.1413	34.207	34.418	26.0956	35.0709	196.755	1538.03	4525	24
3.158	34.476	34.688	26.0957	35.0708	196.549	1538.03	4549	24
3.1747	34.84	35.055	26.0954	35.0709	196.776	1538.04	4573	24
3.1913	35.382	35.601	26.0955	35.0709	196.64	1538.05	4597	24
3.208	36.056	36.278	26.0947	35.0711	196.524	1538.06	4621	24
3.2247	36.688	36.914	26.0941	35.071	197.181	1538.07	4645	24
3.2413	37.198	37.428	26.0944	35.071	197.121	1538.08	4669	24
3.258	37.646	37.879	26.0943	35.0709	197.022	1538.08	4693	24
3.2747	38.145	38.381	26.0947	35.0708	196.845	1538.09	4717	24
3.2913	38.657	38.896	26.0951	35.0709	196.76	1538.1	4741	24
3.308	39.1	39.342	26.0934	35.0708	196.369	1538.1	4765	24
3.3247	39.518	39.762	26.0932	35.0709	196.378	1538.11	4789	24

3.3413	39.956	40.203	26.094	35.0709	196.471	1538.12	4813	24
3.358	40.411	40.661	26.0942	35.0709	196.695	1538.13	4837	24
3.3747	40.906	41.159	26.0939	35.0709	197.117	1538.14	4861	24
3.3913	41.479	41.736	26.0937	35.0707	196.886	1538.15	4885	24
3.408	42.137	42.398	26.0932	35.0709	196.824	1538.15	4909	24
3.4246	42.846	43.111	26.094	35.0709	197.078	1538.17	4933	24
3.4413	43.577	43.847	26.0942	35.071	196.786	1538.18	4957	24
3.458	44.167	44.44	26.0937	35.0709	196.413	1538.19	4981	24
3.4747	44.569	44.845	26.0937	35.0708	196.78	1538.2	5005	24
3.4913	44.96	45.238	26.0935	35.0708	196.944	1538.2	5029	24
3.508	45.48	45.761	26.0932	35.0708	197.102	1538.21	5053	24
3.5247	46.04	46.325	26.0923	35.0707	196.754	1538.22	5077	24
3.5413	46.524	46.812	26.0907	35.0707	196.59	1538.22	5101	24
3.558	46.952	47.243	26.0906	35.0707	196.612	1538.23	5125	24
3.5747	47.347	47.64	26.0908	35.0707	197.024	1538.23	5149	24
3.5913	47.793	48.09	26.0894	35.0706	197.24	1538.24	5173	24
3.608	48.336	48.636	26.0874	35.0706	196.649	1538.24	5197	24
3.6247	48.899	49.202	26.086	35.0705	196.417	1538.25	5221	24
3.6413	49.397	49.703	26.0818	35.0703	196.993	1538.25	5245	24
3.658	49.91	50.22	26.0798	35.0703	197.03	1538.25	5269	24
3.6746	50.568	50.882	26.0791	35.0701	197.061	1538.26	5293	24
3.6913	51.276	51.595	26.0707	35.0691	196.796	1538.25	5317	24
3.708	51.909	52.232	25.9253	35.0621	197.252	1537.92	5341	24
3.7247	52.361	52.687	25.7667	35.062	197.623	1537.57	5365	24
3.7413	52.611	52.938	25.7154	35.0615	199.107	1537.45	5389	24
3.758	52.789	53.117	25.6663	35.0589	201.854	1537.34	5413	24
3.7747	53.13	53.461	25.5197	35.0557	204.127	1537	5437	24
3.7913	53.715	54.049	25.452	35.0547	204.441	1536.85	5461	24
3.808	54.476	54.815	25.4167	35.0539	205.236	1536.78	5485	24
3.8247	55.304	55.648	25.3896	35.0509	207.058	1536.73	5509	24
3.8413	56.071	56.42	25.309	35.046	208.54	1536.55	5533	24
3.858	56.611	56.963	25.2802	35.0433	208.583	1536.49	5557	24
3.8747	56.979	57.334	25.2716	35.0423	208.727	1536.47	5581	24
3.8913	57.288	57.645	25.2632	35.0421	209.324	1536.46	5605	24

3.908	57.619	57.978	25.2591	35.042	209.671	1536.45	5629	24
3.9246	58.001	58.362	25.2451	35.0439	209.49	1536.43	5653	24
3.9413	58.479	58.843	25.2018	35.0525	209.417	1536.34	5677	24
3.958	59.079	59.447	25.1786	35.0612	209.534	1536.31	5701	24
3.9747	59.689	60.061	25.1672	35.066	209.655	1536.3	5725	24
3.9913	60.283	60.659	25.1536	35.0696	209.427	1536.28	5749	24
4.008	60.933	61.313	25.1276	35.0707	209.857	1536.23	5773	24
4.0247	61.586	61.97	25.1101	35.0713	210.454	1536.2	5797	24
4.0413	62.133	62.521	25.0867	35.0713	210.437	1536.16	5821	24
4.058	62.509	62.899	25.0749	35.0722	210.356	1536.13	5845	24
4.0747	62.753	63.145	25.0675	35.0722	210.566	1536.12	5869	24
4.0913	63.087	63.48	25.0603	35.0725	210.191	1536.11	5893	24
4.108	63.7	64.098	25.0428	35.0746	209.978	1536.08	5917	24
4.1247	64.495	64.897	25.0277	35.0775	210.612	1536.06	5941	24
4.1413	65.252	65.659	24.9957	35.0744	211.123	1536	5965	24
4.158	65.826	66.237	24.9403	35.0728	211.445	1535.87	5989	24
4.1747	66.233	66.646	24.8614	35.0791	211.041	1535.7	6013	24
4.1913	66.547	66.963	24.7536	35.0856	211.189	1535.46	6037	24
4.208	66.906	67.324	24.6644	35.0935	211.913	1535.26	6061	24
4.2247	67.438	67.859	24.6408	35.0961	212.392	1535.21	6085	24
4.2413	68.104	68.53	24.6163	35.0963	212.421	1535.17	6109	24
4.258	68.756	69.186	24.5792	35.0935	212.639	1535.09	6133	24
4.2747	69.263	69.696	24.5401	35.0917	213.168	1535	6157	24
4.2913	69.643	70.079	24.4986	35.0863	213.524	1534.9	6181	24
4.308	70.092	70.53	24.4831	35.0843	213.599	1534.87	6205	24
4.3247	70.73	71.173	24.4419	35.0765	213.494	1534.77	6229	24
4.3413	71.464	71.912	24.3765	35.0657	213.351	1534.62	6253	24
4.358	72.008	72.459	24.3283	35.0577	213.672	1534.5	6277	24
4.3747	72.29	72.743	24.3154	35.055	213.745	1534.47	6301	24
4.3913	72.564	73.019	24.2349	35.0371	213.749	1534.26	6325	24
4.408	73.063	73.52	24.0914	35.0275	213.802	1533.91	6349	24
4.4247	73.682	74.143	24.0544	35.0414	213.473	1533.85	6373	24
4.4413	74.233	74.699	24.0685	35.0576	213.467	1533.91	6397	24
4.458	74.675	75.143	24.07	35.0673	213.225	1533.93	6421	24

4.4747	75.124	75.595	24.0382	35.0642	213.262	1533.86	6445	24
4.4913	75.715	76.19	24.0045	35.0609	213.451	1533.78	6469	24
4.508	76.398	76.877	23.951	35.0565	213.207	1533.66	6493	24
4.5247	77.062	77.546	23.93	35.0555	213.234	1533.62	6517	24
4.5413	77.647	78.135	23.9043	35.0543	213.384	1533.56	6541	24
4.558	78.209	78.7	23.8323	35.0529	213.42	1533.4	6565	24
4.5747	78.801	79.296	23.7646	35.055	213.335	1533.24	6589	24
4.5913	79.361	79.86	23.7415	35.0576	213.387	1533.2	6613	24
4.608	79.705	80.205	23.7342	35.0578	212.777	1533.18	6637	24
4.6247	79.848	80.35	23.7374	35.0583	212.379	1533.2	6661	24
4.6413	80.086	80.59	23.7162	35.0576	212.824	1533.15	6685	24
4.658	80.607	81.114	23.6646	35.0618	212.485	1533.03	6709	24
4.6747	81.29	81.801	23.6136	35.0717	212.502	1532.93	6733	24
4.6913	81.928	82.443	23.5719	35.0684	212.491	1532.84	6757	24
4.708	82.48	82.999	23.5166	35.0594	212.069	1532.7	6781	24
4.7247	83.046	83.568	23.4489	35.0628	212.02	1532.55	6805	24
4.7413	83.68	84.207	23.405	35.0663	211.765	1532.45	6829	24
4.758	84.36	84.891	23.3726	35.0671	211.5	1532.38	6853	24
4.7747	84.955	85.49	23.3488	35.0664	211.295	1532.34	6877	24
4.7913	85.323	85.86	23.2992	35.0656	211.483	1532.22	6901	24
4.808	85.522	86.06	23.2158	35.0687	211.152	1532.02	6925	24
4.8247	85.847	86.388	23.2001	35.0677	210.238	1531.98	6949	24
4.8413	86.435	86.979	23.1898	35.0674	209.637	1531.97	6973	24
4.858	87.225	87.775	23.1586	35.0674	209.966	1531.9	6997	24
4.8747	88.045	88.6	23.1124	35.0674	210.01	1531.8	7021	24
4.8913	88.639	89.198	23.0384	35.0738	209.932	1531.63	7045	24
4.908	88.949	89.509	23.026	35.0753	209.314	1531.61	7069	24
4.9247	89.19	89.752	23.0253	35.0746	208.352	1531.61	7093	24
4.9413	89.615	90.18	23.0167	35.0758	208.456	1531.59	7117	24
4.958	90.294	90.864	22.9971	35.0795	208.688	1531.56	7141	24
4.9747	91.017	91.591	22.9841	35.0838	208.604	1531.54	7165	24
4.9913	91.566	92.144	22.9661	35.085	208.205	1531.51	7189	24
5.008	91.94	92.52	22.9467	35.0863	207.923	1531.47	7213	24
5.0247	92.313	92.896	22.9329	35.0864	207.642	1531.44	7237	24

5.0413	92.915	93.502	22.9024	35.0898	207.522	1531.38	7261	24
5.058	93.73	94.322	22.8881	35.1341	207.895	1531.41	7285	24
5.0747	94.418	95.015	22.914	35.1889	207.37	1531.55	7309	24
5.0913	94.791	95.39	22.9122	35.1894	207.464	1531.55	7333	24
5.108	94.999	95.599	22.9126	35.1896	207.594	1531.55	7357	24
5.1247	95.269	95.871	22.9115	35.1903	207.235	1531.56	7381	24
5.1413	95.734	96.34	22.9005	35.1893	207.091	1531.53	7405	24
5.158	96.407	97.016	22.8726	35.1902	207.315	1531.48	7429	24
5.1747	97.152	97.766	22.8433	35.1994	206.823	1531.43	7453	24
5.1913	97.826	98.444	22.8101	35.2041	206.541	1531.36	7477	24
5.208	98.451	99.074	22.7902	35.2035	206.726	1531.32	7501	24
5.2247	99.144	99.772	22.7812	35.2037	206.696	1531.31	7525	24
5.2413	99.785	100.416	22.7695	35.2043	206.312	1531.29	7549	24
5.258	100.176	100.81	22.758	35.205	205.608	1531.27	7573	24
5.2747	100.394	101.03	22.7504	35.2057	205.298	1531.25	7597	24
5.2913	100.629	101.267	22.7354	35.2073	205.092	1531.22	7621	24
5.308	100.966	101.606	22.7186	35.2087	205.288	1531.19	7645	24
5.3247	101.471	102.114	22.7141	35.2086	205.296	1531.18	7669	24
5.3413	102.143	102.79	22.7098	35.2085	205.073	1531.19	7693	24
5.358	102.824	103.476	22.7031	35.2092	204.579	1531.18	7717	24
5.3747	103.406	104.062	22.6885	35.2096	204.836	1531.15	7741	24
5.3913	103.964	104.623	22.6788	35.2097	204.621	1531.14	7765	24
5.408	104.58	105.243	22.6467	35.2094	204.226	1531.07	7789	24
5.4247	105.221	105.889	22.6234	35.2097	204.34	1531.02	7813	24
5.4413	105.845	106.516	22.6138	35.209	204.25	1531	7837	24
5.458	106.368	107.043	22.5907	35.207	203.953	1530.95	7861	24
5.4747	106.655	107.333	22.57	35.2038	203.981	1530.9	7885	24
5.4913	106.797	107.475	22.5674	35.2019	203.572	1530.89	7909	24
5.508	107.106	107.786	22.4976	35.1901	203.452	1530.71	7933	24
5.5247	107.765	108.45	22.4134	35.1771	202.924	1530.49	7957	24
5.5413	108.609	109.299	22.3457	35.1665	203.004	1530.32	7981	24
5.558	109.251	109.946	22.3145	35.1597	202.585	1530.24	8005	24
5.5747	109.562	110.259	22.3009	35.1575	201.785	1530.21	8029	24
5.5913	109.842	110.54	22.2996	35.1564	201.484	1530.21	8053	24

5.608	110.433	111.135	22.2943	35.1548	201.16	1530.2	8077	24
5.6247	111.348	112.056	22.2763	35.1517	200.876	1530.17	8101	24
5.6413	112.263	112.977	22.2541	35.1509	200.709	1530.13	8125	24
5.658	112.946	113.665	22.24	35.1518	200.884	1530.1	8149	24
5.6747	113.381	114.103	22.2331	35.1547	200.165	1530.1	8173	24
5.6913	113.659	114.383	22.2318	35.1555	199.793	1530.1	8197	24
5.708	113.887	114.612	22.2275	35.1549	199.803	1530.09	8221	24
5.7247	114.165	114.892	22.2198	35.1542	199.669	1530.07	8245	24
5.7413	114.481	115.21	22.2172	35.1546	199.303	1530.07	8269	24
5.758	114.872	115.604	22.2112	35.1537	199.267	1530.06	8293	24
5.7747	115.41	116.145	22.1967	35.1539	199.252	1530.03	8317	24
5.7913	116.086	116.825	22.1961	35.1587	199.056	1530.05	8341	24
5.808	116.788	117.532	22.1978	35.1621	199.23	1530.07	8365	24
5.8247	117.462	118.21	22.1981	35.1636	198.903	1530.08	8389	24
5.8413	118.088	118.841	22.1983	35.1644	198.242	1530.1	8413	24
5.858	118.621	119.377	22.1971	35.1653	198.221	1530.1	8437	24
5.8747	119.069	119.828	22.1918	35.1669	198.212	1530.1	8461	24
5.8913	119.511	120.273	22.1916	35.1668	197.972	1530.11	8485	24
5.908	120.035	120.801	22.1838	35.169	197.863	1530.1	8509	24
5.9247	120.63	121.399	22.167	35.1726	197.913	1530.07	8533	24
5.9413	121.236	122.01	22.1285	35.1723	197.821	1529.98	8557	24
5.958	121.792	122.57	22.0851	35.1726	197.957	1529.88	8581	24
5.9747	122.307	123.088	22.072	35.173	197.243	1529.85	8605	24
5.9913	122.8	123.584	22.0648	35.1727	196.707	1529.84	8629	24
6.008	123.193	123.98	22.0586	35.1726	196.411	1529.83	8653	24
6.0247	123.481	124.27	22.0506	35.1733	196.667	1529.82	8677	24
6.0413	123.802	124.593	22.0469	35.1731	196.209	1529.81	8701	24
6.058	124.312	125.107	22.0335	35.1739	195.958	1529.79	8725	24
6.0747	125.037	125.837	22.0044	35.1742	195.936	1529.73	8749	24
6.0913	125.869	126.674	21.9557	35.1762	196.17	1529.62	8773	24
6.108	126.621	127.431	21.9129	35.1774	196.281	1529.52	8797	24
6.1247	127.164	127.978	21.896	35.1772	195.691	1529.48	8821	24
6.1413	127.593	128.409	21.8761	35.1768	195.267	1529.44	8845	24
6.158	127.995	128.814	21.8578	35.1768	195.101	1529.4	8869	24

6.1747	128.372	129.194	21.8512	35.1764	194.876	1529.39	8893	24
6.1913	128.741	129.565	21.8465	35.1761	194.561	1529.38	8917	24
6.208	129.119	129.946	21.8337	35.1756	194.3	1529.35	8941	24
6.2247	129.573	130.402	21.8148	35.175	194.305	1529.31	8965	24
6.2413	130.136	130.97	21.7974	35.1746	194.47	1529.28	8989	24
6.258	130.792	131.63	21.7893	35.1741	194.5	1529.27	9013	24
6.2747	131.52	132.363	21.7695	35.1741	194.32	1529.23	9037	24
6.2913	132.256	133.104	21.7391	35.1744	194.454	1529.16	9061	24
6.308	132.887	133.739	21.7173	35.1747	194.232	1529.11	9085	24
6.3246	133.421	134.276	21.7055	35.1745	194.123	1529.09	9109	24
6.3413	133.911	134.77	21.6955	35.1742	194.201	1529.07	9133	24
6.358	134.296	135.157	21.6856	35.1743	193.875	1529.05	9157	24
6.3747	134.554	135.418	21.6842	35.1742	193.263	1529.05	9181	24
6.3913	134.891	135.757	21.6783	35.1738	193.049	1529.04	9205	24
6.408	135.479	136.349	21.6635	35.1732	193.031	1529.01	9229	24
6.4247	136.169	137.043	21.6356	35.1726	193.536	1528.95	9253	24
6.4413	136.736	137.614	21.6098	35.1733	193.588	1528.9	9277	24
6.458	137.196	138.078	21.594	35.1724	193.498	1528.86	9301	24
6.4747	137.693	138.578	21.5618	35.171	193.217	1528.78	9325	24
6.4913	138.306	139.195	21.4839	35.1709	192.897	1528.59	9349	24
6.508	138.973	139.866	21.4495	35.1715	192.766	1528.51	9373	24
6.5247	139.491	140.387	21.4444	35.1705	192.21	1528.51	9397	24
6.5413	139.791	140.689	21.4414	35.1703	191.723	1528.5	9421	24
6.558	140.063	140.964	21.4388	35.1694	191.476	1528.5	9445	24
6.5747	140.571	141.475	21.4341	35.169	190.951	1528.5	9469	24
6.5913	141.395	142.304	21.4142	35.1695	191.471	1528.46	9493	24
6.608	142.267	143.183	21.3873	35.1692	191.867	1528.4	9517	24
6.6246	142.827	143.746	21.3619	35.1686	191.999	1528.34	9541	24
6.6413	143.022	143.943	21.363	35.1676	191.607	1528.35	9565	24
6.658	143.151	144.073	21.3769	35.1662	190.949	1528.38	9589	24
6.6747	143.541	144.466	21.3597	35.1669	191.062	1528.35	9613	24
6.6913	144.174	145.102	21.3484	35.1674	191.023	1528.33	9637	24
6.708	144.844	145.777	21.3465	35.1671	190.91	1528.33	9661	24
6.7247	145.529	146.466	21.3435	35.1667	191.011	1528.34	9685	24

6.7413	146.284	147.227	21.3393	35.1663	191.003	1528.34	9709	24
6.758	146.919	147.866	21.3318	35.166	190.7	1528.33	9733	24
6.7747	147.377	148.327	21.3177	35.1653	190.763	1528.3	9757	24
6.7913	147.819	148.772	21.2366	35.1614	191.105	1528.09	9781	24
6.808	148.299	149.256	21.201	35.1608	191.222	1528	9805	24
6.8247	148.862	149.822	21.1881	35.16	190.801	1527.97	9829	24
6.8413	149.528	150.493	21.176	35.1591	190.418	1527.95	9853	24
6.858	150.139	151.108	21.1674	35.1588	190.286	1527.94	9877	24
6.8746	150.547	151.519	21.1662	35.1586	190.135	1527.94	9901	24
6.8913	150.927	151.902	21.1604	35.1581	190.076	1527.93	9925	24
6.908	151.388	152.366	21.1448	35.1578	190.56	1527.9	9949	24
6.9247	151.831	152.812	21.1208	35.1577	190.929	1527.84	9973	24
6.9413	152.241	153.225	21.0952	35.1565	190.75	1527.78	9997	24
6.958	152.669	153.655	21.0859	35.1559	190.801	1527.76	10021	24
6.9747	153.066	154.055	21.0786	35.1549	191.284	1527.75	10045	24
6.9913	153.52	154.512	21.0421	35.1519	191.611	1527.65	10069	24
7.008	154.11	155.106	20.9757	35.1465	191.742	1527.48	10093	24
7.0247	154.715	155.716	20.908	35.1451	191.95	1527.31	10117	24
7.0413	155.331	156.336	20.8786	35.1446	191.85	1527.24	10141	24
7.058	156.131	157.141	20.831	35.1397	192.58	1527.12	10165	24
7.0747	157.025	158.042	20.7619	35.1328	193.837	1526.94	10189	24
7.0913	157.716	158.737	20.7236	35.1305	194.075	1526.85	10213	24
7.108	158.111	159.135	20.6943	35.1292	192.778	1526.78	10237	24
7.1246	158.277	159.302	20.693	35.128	191.573	1526.77	10261	24
7.1413	158.373	159.399	20.7312	35.1312	190.883	1526.88	10285	24
7.158	158.62	159.648	20.6749	35.1281	190.947	1526.73	10309	24
7.1747	159.084	160.114	20.638	35.1241	191.253	1526.64	10333	24
7.1913	159.674	160.708	20.5995	35.1222	191.39	1526.54	10357	24
7.208	160.318	161.357	20.5584	35.1197	191.078	1526.44	10381	24
7.2247	161.03	162.074	20.511	35.1198	191.214	1526.32	10405	24
7.2413	161.766	162.815	20.4734	35.1222	191.663	1526.23	10429	24
7.258	162.474	163.528	20.4639	35.1221	191.76	1526.22	10453	24
7.2747	163.151	164.209	20.4605	35.1216	192.301	1526.22	10477	24
7.2913	163.731	164.793	20.4568	35.1214	192.435	1526.22	10501	24

7.308	164.123	165.188	20.4539	35.1212	192.603	1526.22	10525	24
7.3247	164.53	165.598	20.4519	35.1206	192.563	1526.22	10549	24
7.3413	165.028	166.099	20.4489	35.1201	192.732	1526.22	10573	24
7.358	165.407	166.481	20.4444	35.1187	193.036	1526.21	10597	24
7.3746	165.618	166.694	20.4422	35.118	193.038	1526.21	10621	24
7.3913	165.912	166.989	20.4394	35.1169	192.537	1526.21	10645	24
7.408	166.438	167.519	20.4243	35.1122	192.523	1526.17	10669	24
7.4247	167.193	168.279	20.368	35.0977	192.743	1526.01	10693	24
7.4413	168.135	169.228	20.2962	35.0925	193.08	1525.83	10717	24
7.458	168.969	170.068	20.2803	35.0926	192.643	1525.8	10741	24
7.4747	169.446	170.548	20.2537	35.0886	192.246	1525.73	10765	24
7.4913	169.782	170.886	20.2351	35.0841	191.759	1525.68	10789	24
7.508	170.205	171.313	20.1931	35.0754	191.262	1525.56	10813	24
7.5247	170.648	171.758	20.1491	35.0658	191.027	1525.44	10837	24
7.5413	171.126	172.239	20.1072	35.0578	190.615	1525.32	10861	24
7.558	171.696	172.814	20.1101	35.0629	190.04	1525.34	10885	24
7.5747	172.267	173.388	20.1176	35.0685	189.27	1525.38	10909	24
7.5913	172.735	173.86	20.1069	35.0661	188.877	1525.36	10933	24
7.608	173.2	174.328	20.0089	35.0452	189.401	1525.07	10957	24
7.6246	173.623	174.753	19.9235	35.0309	189.641	1524.83	10981	24
7.6413	174.023	175.156	19.8755	35.019	189.174	1524.69	11005	24
7.658	174.568	175.706	19.8489	35.0132	188.04	1524.62	11029	24
7.6747	175.301	176.443	19.8343	35.015	186.911	1524.59	11053	24
7.6913	176.019	177.167	19.8129	35.0188	186.237	1524.55	11077	24
7.708	176.577	177.728	19.8032	35.0168	186.251	1524.53	11101	24
7.7247	177.048	178.202	19.7815	35.0127	186.475	1524.47	11125	24
7.7413	177.523	178.681	19.7677	35.0103	186.402	1524.44	11149	24
7.758	178.057	179.218	19.7428	35.005	186.458	1524.37	11173	24
7.7747	178.643	179.808	19.7117	34.9997	186.755	1524.29	11197	24
7.7913	179.183	180.353	19.6841	34.9945	186.661	1524.22	11221	24
7.808	179.639	180.812	19.6591	34.9897	186.481	1524.15	11245	24
7.8247	180.06	181.235	19.6476	34.9873	186.06	1524.12	11269	24
7.8413	180.425	181.603	19.6356	34.9847	185.93	1524.09	11293	24
7.858	180.714	181.894	19.6311	34.9837	185.41	1524.08	11317	24

7.8746	181.1	182.283	19.6196	34.9815	184.705	1524.06	11341	24
7.8913	181.72	182.908	19.5878	34.9761	184.647	1523.97	11365	24
7.908	182.448	183.64	19.5403	34.9699	185.102	1523.84	11389	24
7.9247	183.152	184.349	19.4795	34.959	184.914	1523.67	11413	24
7.9413	183.827	185.029	19.3893	34.9378	184.668	1523.41	11437	24
7.958	184.478	185.685	19.2874	34.9215	184.522	1523.12	11461	24
7.9747	185.025	186.235	19.2513	34.9133	183.67	1523.01	11485	24
7.9913	185.451	186.665	19.2274	34.9076	183.098	1522.95	11509	24
8.008	185.802	187.017	19.2062	34.9028	182.553	1522.89	11533	24
8.0247	186.154	187.372	19.1905	34.8985	181.753	1522.84	11557	24
8.0413	186.618	187.839	19.172	34.8948	181.477	1522.8	11581	24
8.058	187.223	188.449	19.1534	34.8913	181.173	1522.75	11605	24
8.0747	187.807	189.037	19.123	34.8866	180.811	1522.67	11629	24
8.0913	188.201	189.434	19.0877	34.8812	180.642	1522.57	11653	24
8.108	188.596	189.831	18.9676	34.8695	180.998	1522.22	11677	24
8.1247	189.208	190.448	18.9245	34.8664	180.913	1522.11	11701	24
8.1413	189.984	191.229	18.9138	34.865	180.376	1522.09	11725	24
8.158	190.629	191.878	18.9103	34.864	179.904	1522.09	11749	24
8.1747	191.012	192.265	18.8939	34.8622	180.179	1522.05	11773	24
8.1913	191.374	192.629	18.8703	34.8607	180.183	1521.98	11797	24
8.208	192.002	193.261	18.8565	34.8596	179.89	1521.96	11821	24
8.2247	192.9	194.166	18.8288	34.8567	179.898	1521.89	11845	24
8.2413	193.731	195.002	18.8164	34.8545	179.905	1521.86	11869	24
8.258	194.19	195.464	18.8121	34.8532	180.223	1521.86	11893	24
8.2747	194.405	195.681	18.8159	34.853	179.929	1521.87	11917	24
8.2913	194.589	195.866	18.8174	34.8512	179.74	1521.88	11941	24
8.308	194.854	196.133	18.8037	34.8509	179.735	1521.84	11965	24
8.3247	195.286	196.568	18.7502	34.8401	179.51	1521.68	11989	24
8.3413	195.908	197.194	18.6585	34.8292	179.869	1521.42	12013	24
8.358	196.59	197.881	18.6371	34.8271	179.756	1521.37	12037	24
8.3747	197.145	198.44	18.6298	34.826	179.417	1521.35	12061	24
8.3913	197.653	198.952	18.6117	34.8235	179.29	1521.31	12085	24
8.408	198.226	199.529	18.599	34.8222	179.493	1521.28	12109	24
8.4247	198.867	200.174	18.5759	34.8196	179.527	1521.22	12133	24

8.4413	199.423	200.734	18.5646	34.8192	179.143	1521.2	12157	24
8.458	199.818	201.132	18.5639	34.819	179.31	1521.2	12181	24
8.4747	200.214	201.531	18.5606	34.8188	179.595	1521.2	12205	24
8.4913	200.839	202.16	18.5543	34.8184	179.526	1521.19	12229	24
8.508	201.695	203.023	18.545	34.8172	179.453	1521.18	12253	24
8.5247	202.443	203.776	18.5153	34.813	179.745	1521.1	12277	24
8.5413	202.909	204.245	18.43	34.8036	179.887	1520.85	12301	24
8.558	203.252	204.591	18.3124	34.7954	179.884	1520.51	12325	24
8.5747	203.604	204.945	18.281	34.7925	179.735	1520.42	12349	24
8.5913	203.918	205.261	18.2677	34.7899	179.376	1520.38	12373	24
8.608	204.145	205.49	18.2568	34.7881	179.547	1520.35	12397	24
8.6247	204.349	205.696	18.2511	34.7869	179.867	1520.34	12421	24
8.6413	204.685	206.034	18.2301	34.784	179.703	1520.28	12445	24
8.658	205.379	206.733	18.1939	34.7802	179.611	1520.18	12469	24
8.6747	206.501	207.862	18.1807	34.779	179.532	1520.16	12493	24
8.6913	207.694	209.064	18.173	34.7782	179.555	1520.16	12517	24
8.708	208.432	209.807	18.1715	34.7769	179.473	1520.16	12541	24
8.7247	208.721	210.099	18.1717	34.7772	179.262	1520.17	12565	24
8.7413	208.951	210.33	18.1688	34.7767	179.064	1520.16	12589	24
8.758	209.271	210.652	18.1688	34.7766	179.232	1520.17	12613	24
8.7747	209.704	211.088	18.1652	34.776	179.35	1520.17	12637	24
8.7913	210.243	211.631	18.1594	34.7757	179.333	1520.16	12661	24
8.808	210.811	212.203	18.1589	34.7753	179.033	1520.17	12685	24
8.8247	211.337	212.733	18.1568	34.7749	179.012	1520.17	12709	24
8.8413	211.868	213.268	18.1553	34.7744	179.019	1520.17	12733	24
8.858	212.444	213.848	18.1345	34.7716	179.015	1520.12	12757	24
8.8747	212.975	214.382	18.1027	34.7685	179.17	1520.03	12781	24
8.8913	213.417	214.828	18.0494	34.7621	179.316	1519.88	12805	24
8.908	213.87	215.284	17.9953	34.7575	179.282	1519.72	12829	24
8.9247	214.426	215.844	17.9374	34.7507	179.509	1519.55	12853	24
8.9413	215.106	216.529	17.8374	34.7418	179.983	1519.26	12877	24
8.958	215.8	217.228	17.7972	34.7403	180.091	1519.15	12901	24
8.9747	216.367	217.799	17.7884	34.7387	180.248	1519.14	12925	24
8.9913	216.819	218.255	17.7809	34.7375	180.729	1519.12	12949	24

9.008	217.259	218.698	17.7701	34.736	181.353	1519.09	12973	24
9.0247	217.689	219.13	17.7635	34.7351	181.635	1519.08	12997	24
9.0413	218.034	219.478	17.7563	34.7341	182.009	1519.06	13021	24
9.058	218.376	219.822	17.7488	34.733	182.281	1519.05	13045	24
9.0747	218.859	220.308	17.7409	34.732	182.172	1519.03	13069	24
9.0913	219.596	221.051	17.7362	34.7312	182.111	1519.03	13093	24
9.108	220.477	221.938	17.7294	34.7302	182.349	1519.02	13117	24
9.1247	221.254	222.721	17.7064	34.7271	182.574	1518.96	13141	24
9.1413	221.837	223.308	17.6763	34.7252	182.498	1518.88	13165	24
9.158	222.272	223.746	17.6694	34.7237	182.336	1518.87	13189	24
9.1747	222.656	224.133	17.6575	34.7222	182.666	1518.84	13213	24
9.1913	223.038	224.518	17.6548	34.7217	182.868	1518.83	13237	24
9.208	223.483	224.966	17.6459	34.7202	183.098	1518.81	13261	24
9.2247	224.047	225.534	17.6259	34.7172	183.334	1518.76	13285	24
9.2413	224.648	226.139	17.5912	34.7127	183.49	1518.66	13309	24
9.258	225.223	226.718	17.5457	34.7072	183.293	1518.53	13333	24
9.2747	225.754	227.253	17.4636	34.6971	183.193	1518.28	13357	24
9.2913	226.298	227.801	17.3503	34.6838	183.479	1517.94	13381	24
9.308	226.823	228.33	17.2544	34.6733	183.46	1517.65	13405	24
9.3247	227.225	228.735	17.1727	34.6647	183.482	1517.41	13429	24
9.3413	227.618	229.13	17.1384	34.661	183.359	1517.31	13453	24
9.358	228.111	229.627	17.0976	34.6536	183.308	1517.18	13477	24
9.3747	228.743	230.263	17.0138	34.6423	183.59	1516.93	13501	24
9.3913	229.391	230.917	16.8321	34.6205	184.251	1516.37	13525	24
9.408	229.986	231.516	16.6516	34.6058	184.205	1515.81	13549	24
9.4247	230.504	232.038	16.6274	34.6024	183.403	1515.75	13573	24
9.4413	230.931	232.468	16.6208	34.6	182.558	1515.73	13597	24
9.458	231.439	232.979	16.6146	34.5986	182.029	1515.72	13621	24
9.4747	232.087	233.632	16.603	34.5968	181.816	1515.69	13645	24
9.4913	232.713	234.262	16.5847	34.5956	181.782	1515.64	13669	24
9.508	233.173	234.726	16.5748	34.5952	182.011	1515.62	13693	24
9.5247	233.545	235.1	16.5687	34.5955	182.121	1515.61	13717	24
9.5413	233.911	235.469	16.5547	34.5945	182.07	1515.57	13741	24
9.558	234.384	235.945	16.5292	34.5917	181.8	1515.5	13765	24

9.5747	235.071	236.637	16.4858	34.5861	181.757	1515.37	13789	24
9.5913	235.966	237.539	16.4273	34.5801	181.794	1515.2	13813	24
9.608	236.883	238.462	16.3678	34.5749	181.761	1515.03	13837	24
9.6247	237.626	239.211	16.2999	34.5681	181.819	1514.83	13861	24
9.6413	238.073	239.661	16.2252	34.5617	182.091	1514.6	13885	24
9.658	238.191	239.78	16.2599	34.5654	181.813	1514.71	13909	24
9.6747	238.159	239.748	16.3239	34.5709	181.627	1514.91	13933	24
9.6913	238.356	239.946	16.3024	34.5643	181.834	1514.84	13957	24
9.708	238.874	240.468	16.1765	34.5519	182.223	1514.45	13981	24
9.7247	239.576	241.175	15.8565	34.5188	183.019	1513.43	14005	24
9.7413	240.299	241.903	15.7376	34.5085	182.878	1513.06	14029	24
9.758	240.998	242.607	15.6935	34.5008	182.507	1512.93	14053	24
9.7747	241.731	243.346	15.6617	34.4957	182.198	1512.83	14077	24
9.7913	242.561	244.182	15.5156	34.4725	182.469	1512.36	14101	24
9.808	243.302	244.928	15.2179	34.4402	183.369	1511.4	14125	24
9.8247	243.605	245.233	15.1595	34.4329	183.096	1511.21	14149	24
9.8413	243.677	245.306	15.1593	34.4309	181.874	1511.21	14173	24
9.858	243.877	245.507	15.1418	34.4276	180.865	1511.15	14197	24
9.8747	244.31	245.943	15.1145	34.4218	180.349	1511.07	14221	24
9.8913	244.957	246.595	15.0667	34.4135	179.943	1510.92	14245	24
9.908	245.748	247.392	14.9941	34.406	179.759	1510.69	14269	24
9.9247	246.535	248.184	14.9175	34.3936	179.483	1510.44	14293	24
9.9413	247.214	248.869	14.7813	34.3817	179.529	1510	14317	24
9.958	247.83	249.489	14.7143	34.3732	178.965	1509.79	14341	24
9.9747	248.376	250.039	14.6537	34.3657	177.941	1509.6	14365	24
9.9913	248.757	250.423	14.628	34.3623	176.987	1509.52	14389	24
10.008	249.091	250.759	14.6049	34.3583	176.336	1509.44	14413	24
10.0247	249.534	251.206	14.554	34.3508	175.94	1509.28	14437	24
10.0413	250.067	251.742	14.4995	34.3458	175.429	1509.1	14461	24
10.058	250.604	252.284	14.4698	34.3422	174.737	1509.01	14485	24
10.0747	251.174	252.858	14.4519	34.3398	174.02	1508.96	14509	24
10.0913	251.835	253.523	14.4425	34.3377	173.577	1508.94	14533	24
10.108	252.552	254.246	14.4111	34.3335	173.137	1508.84	14557	24
10.1247	253.102	254.8	14.3899	34.3311	172.884	1508.78	14581	24

10.1413	253.418	255.117	14.3834	34.3298	172.759	1508.76	14605	24
10.158	253.621	255.322	14.3781	34.3285	172.712	1508.75	14629	24
10.1747	253.96	255.664	14.3686	34.3267	172.483	1508.72	14653	24
10.1913	254.574	256.282	14.3316	34.3219	172.354	1508.6	14677	24
10.208	255.293	257.007	14.2533	34.3161	172.365	1508.36	14701	24
10.2247	255.9	257.618	14.2118	34.3126	172.136	1508.23	14725	24
10.2413	256.511	258.233	14.1455	34.3064	172.131	1508.01	14749	24
10.258	257.146	258.873	14.0903	34.3023	171.937	1507.84	14773	24
10.2747	257.714	259.445	14.0268	34.297	171.856	1507.64	14797	24
10.2913	258.24	259.976	13.9723	34.292	171.716	1507.46	14821	24
10.308	258.724	260.462	13.9198	34.2875	171.4	1507.29	14845	24
10.3247	259.17	260.912	13.867	34.2821	171.094	1507.12	14869	24
10.3413	259.612	261.357	13.8364	34.28	170.635	1507.02	14893	24
10.358	260.086	261.835	13.822	34.2775	170.315	1506.98	14917	24
10.3747	260.615	262.368	13.794	34.2748	170.232	1506.89	14941	24
10.3913	261.309	263.067	13.718	34.2678	170.413	1506.64	14965	24
10.408	262.169	263.933	13.5932	34.2634	170.667	1506.24	14989	24
10.4247	262.946	264.716	13.5583	34.2611	170.586	1506.14	15013	24
10.4413	263.389	265.163	13.5249	34.2579	171.482	1506.03	15037	24
10.458	263.5	265.275	13.5373	34.2567	172.382	1506.07	15061	24
10.4747	263.528	265.302	13.5673	34.2574	172.713	1506.17	15085	24
10.4913	263.746	265.522	13.5626	34.2562	173.111	1506.16	15109	24
10.508	264.302	266.082	13.4369	34.2506	173.844	1505.74	15133	24
10.5247	265.129	266.916	13.3813	34.2432	174.068	1505.56	15157	24
10.5413	265.972	267.764	13.2638	34.2349	175.102	1505.17	15181	24
10.558	266.691	268.488	13.2418	34.2331	175.505	1505.11	15205	24
10.5747	267.421	269.225	13.2333	34.2325	174.27	1505.09	15229	24
10.5913	268.116	269.924	13.2237	34.2325	172.812	1505.07	15253	24
10.608	268.569	270.381	13.2218	34.2321	172.168	1505.07	15277	24
10.6247	268.793	270.607	13.2214	34.2314	172.235	1505.07	15301	24
10.6413	269.005	270.82	13.2215	34.2311	172.496	1505.08	15325	24
10.658	269.401	271.219	13.1874	34.2278	172.687	1504.97	15349	24
10.6747	270.023	271.846	13.0712	34.2254	173.402	1504.58	15373	24
10.6913	270.894	272.723	13.0001	34.2208	173.946	1504.35	15397	24

10.708	272.052	273.89	12.9233	34.2179	174.732	1504.11	15421	24
10.7247	272.974	274.818	12.8503	34.2166	175.952	1503.88	15445	24
10.7413	273.806	275.657	12.8103	34.2152	177.104	1503.75	15469	24
10.758	274.586	276.442	12.7703	34.2106	178.312	1503.63	15493	24
10.7747	275.304	277.166	12.7495	34.2079	179.244	1503.56	15517	24
10.7913	276.046	277.913	12.6932	34.2028	179.887	1503.38	15541	24
10.808	276.906	278.78	12.6067	34.1979	180.317	1503.09	15565	24
10.8247	277.839	279.72	12.4951	34.1892	180.732	1502.72	15589	24
10.8413	278.784	280.671	12.3207	34.1813	181.491	1502.13	15613	24
10.858	279.743	281.637	12.2158	34.1784	181.725	1501.78	15637	24
10.8747	280.664	282.565	12.1377	34.1749	181.1	1501.52	15661	24
10.8913	281.458	283.366	12.0396	34.1723	180.746	1501.19	15685	24
10.908	282.151	284.064	11.9962	34.1713	180.546	1501.05	15709	24
10.9247	282.843	284.761	11.9817	34.1692	180.54	1501.01	15733	24
10.9413	283.59	285.513	11.944	34.1675	180.914	1500.89	15757	24
10.958	284.438	286.368	11.9093	34.1661	181.373	1500.78	15781	24
10.9747	285.412	287.348	11.8685	34.1641	181.737	1500.66	15805	24
10.9913	286.436	288.381	11.8065	34.1612	182.095	1500.45	15829	24
11.008	287.48	289.432	11.6715	34.16	182.363	1500	15853	24
11.0247	288.507	290.467	11.6461	34.1597	181.547	1499.93	15877	24
11.0413	289.483	291.451	11.6305	34.1585	180.556	1499.89	15901	24
11.058	290.386	292.36	11.6251	34.1575	179.918	1499.88	15925	24
11.0747	291.149	293.129	11.6221	34.1566	179.65	1499.88	15949	24
11.0913	291.777	293.761	11.6195	34.156	179.302	1499.88	15973	24
11.108	292.397	294.386	11.618	34.1552	178.977	1499.89	15997	24
11.1247	293.163	295.159	11.6086	34.1545	178.686	1499.87	16021	24
11.1413	294.189	296.192	11.5963	34.1538	178.658	1499.84	16045	24
11.158	295.347	297.358	11.5791	34.153	178.808	1499.8	16069	24
11.1747	296.406	298.426	11.539	34.1515	178.829	1499.67	16093	24
11.1913	297.228	299.253	11.4942	34.1521	178.888	1499.53	16117	24
11.208	297.827	299.858	11.4766	34.1514	178.874	1499.48	16141	24
11.2247	298.392	300.427	11.4521	34.1506	179.233	1499.4	16165	24
11.2413	299.104	301.144	11.4169	34.1493	179.742	1499.29	16189	24
11.258	299.933	301.979	11.2558	34.1469	180.404	1498.73	16213	24

11.2747	300.753	302.806	11.143	34.1516	180.574	1498.35	16237	24
11.2913	301.564	303.622	11.1266	34.1492	179.94	1498.3	16261	24
11.308	302.592	304.658	11.0779	34.1471	179.471	1498.14	16285	24
11.3247	303.809	305.885	10.962	34.1479	179.43	1497.75	16309	24
11.3413	304.958	307.043	10.9281	34.1495	178.823	1497.66	16333	24
11.358	305.854	307.946	10.9218	34.1483	177.911	1497.65	16357	24
11.3747	306.444	308.54	10.9148	34.1473	177.076	1497.63	16381	24
11.3913	306.959	309.058	10.9101	34.1466	176.272	1497.62	16405	24
11.408	307.771	309.876	10.8895	34.1453	175.709	1497.56	16429	24
11.4247	308.905	311.019	10.8458	34.1454	175.523	1497.42	16453	24
11.4413	310.145	312.269	10.8085	34.1457	175.44	1497.31	16477	24
11.458	311.194	313.326	10.7784	34.1457	175.296	1497.22	16501	24
11.4747	311.897	314.033	10.7556	34.1457	174.909	1497.15	16525	24
11.4913	312.428	314.569	10.7407	34.1455	174.294	1497.1	16549	24
11.508	313.012	315.157	10.7306	34.1454	173.803	1497.08	16573	24
11.5247	313.913	316.065	10.7276	34.1448	173.56	1497.08	16597	24
11.5413	315.115	317.276	10.719	34.1443	173.432	1497.07	16621	24
11.558	316.199	318.369	10.7067	34.1444	173.212	1497.04	16645	24
11.5747	316.896	319.072	10.698	34.1444	172.848	1497.02	16669	24
11.5913	317.389	319.568	10.6945	34.144	172.485	1497.02	16693	24
11.608	318.045	320.229	10.689	34.1438	172.419	1497.01	16717	24
11.6247	319.026	321.217	10.6761	34.1434	172.383	1496.98	16741	24
11.6413	320.23	322.43	10.6466	34.1437	172.208	1496.89	16765	24
11.658	321.395	323.605	10.6141	34.1441	172.189	1496.8	16789	24
11.6747	322.222	324.438	10.5786	34.1452	172.118	1496.69	16813	24
11.6913	322.665	324.885	10.5679	34.1453	171.739	1496.65	16837	24
11.708	323.197	325.421	10.5661	34.145	171.204	1496.66	16861	24
11.7247	324.041	326.27	10.5468	34.1441	171.022	1496.6	16885	24
11.7413	325.148	327.386	10.5052	34.1461	170.929	1496.47	16909	24
11.758	326.28	328.527	10.4858	34.146	170.666	1496.42	16933	24
11.7747	327.288	329.543	10.4451	34.1471	170.06	1496.29	16957	24
11.7913	328.21	330.472	10.4207	34.1478	169.294	1496.22	16981	24
11.808	329.145	331.414	10.4101	34.1473	168.348	1496.2	17005	24
11.8247	330.093	332.37	10.3898	34.1466	167.505	1496.14	17029	24

11.8413	330.963	333.246	10.3551	34.1468	166.963	1496.03	17053	24
11.858	331.681	333.969	10.3221	34.1471	166.779	1495.92	17077	24
11.8747	332.344	334.638	10.2916	34.1484	166.754	1495.82	17101	24
11.8913	333.068	335.367	10.2789	34.1474	166.454	1495.79	17125	24
11.908	333.894	336.2	10.2637	34.1476	165.85	1495.74	17149	24
11.9247	334.75	337.062	10.2482	34.1479	165.477	1495.7	17173	24
11.9413	335.52	337.838	10.1893	34.1489	165.683	1495.5	17197	24
11.958	336.27	338.594	10.1736	34.1477	165.418	1495.46	17221	24
11.9747	337.212	339.543	10.1475	34.1464	164.756	1495.38	17245	24
11.9913	338.38	340.72	10.1317	34.1455	164.5	1495.34	17269	24
12.008	339.546	341.896	10.1163	34.1448	164.433	1495.3	17293	24
12.0247	340.453	342.809	10.0952	34.1442	164.485	1495.24	17317	24
12.0413	341.128	343.489	10.0729	34.1434	164.644	1495.17	17341	24
12.058	341.707	344.073	10.057	34.1434	164.737	1495.12	17365	24
12.0747	342.315	344.686	10.0335	34.1426	164.949	1495.04	17389	24
12.0913	343.091	345.468	10.0073	34.1423	165.114	1494.96	17413	24
12.108	344.102	346.486	9.9872	34.1418	165.09	1494.9	17437	24
12.1247	345.306	347.7	9.9687	34.1399	165.037	1494.85	17461	24
12.1413	346.605	349.009	9.9306	34.1391	164.941	1494.73	17485	24
12.158	347.774	350.188	9.8974	34.1421	164.859	1494.63	17509	24
12.1747	348.548	350.968	9.8977	34.143	164.859	1494.65	17533	24
12.1913	349.041	351.464	9.8987	34.1428	164.441	1494.66	17557	24
12.208	349.546	351.973	9.8993	34.1429	163.726	1494.67	17581	24
12.2247	350.252	352.684	9.8989	34.1427	163.099	1494.68	17605	24
12.2413	351.171	353.611	9.8897	34.1426	162.626	1494.66	17629	24
12.258	352.154	354.602	9.8621	34.1439	162.382	1494.58	17653	24
12.2747	353.04	355.495	9.8498	34.1437	162.286	1494.55	17677	24
12.2913	353.848	356.309	9.8441	34.143	161.877	1494.54	17701	24
12.308	354.836	357.304	9.8343	34.1415	161.175	1494.52	17725	24
12.3247	355.99	358.468	9.816	34.1405	160.813	1494.47	17749	24
12.3413	356.985	359.47	9.7997	34.1397	160.818	1494.43	17773	24
12.358	357.675	360.166	9.7748	34.1385	160.877	1494.34	17797	24
12.3747	358.18	360.674	9.7513	34.137	160.927	1494.27	17821	24
12.3913	358.727	361.226	9.7324	34.1362	161.07	1494.2	17845	24

12.408	359.495	362	9.7278	34.1358	161.332	1494.2	17869	24
12.4247	360.492	363.005	9.6897	34.1337	161.74	1494.07	17893	24
12.4413	361.601	364.122	9.6456	34.1339	162.118	1493.93	17917	24
12.458	362.764	365.295	9.6112	34.1325	162.162	1493.82	17941	24
12.4747	363.886	366.426	9.5897	34.1334	162.131	1493.76	17965	24
12.4913	364.801	367.347	9.5861	34.1332	161.799	1493.76	17989	24
12.508	365.436	367.987	9.5827	34.1334	161.409	1493.76	18013	24
12.5247	366.045	368.602	9.5826	34.1339	161.008	1493.77	18037	24
12.5413	366.835	369.398	9.5696	34.1347	160.58	1493.73	18061	24
12.558	367.765	370.335	9.5904	34.1531	160.08	1493.85	18085	24
12.5747	368.752	371.329	9.5849	34.1604	159.703	1493.86	18109	24
12.5913	369.751	372.337	9.5726	34.1641	158.182	1493.83	18133	24
12.608	370.62	373.213	9.5633	34.1665	154.35	1493.82	18157	24
12.6247	371.338	373.936	9.5614	34.167	150.131	1493.82	18181	24
12.6413	372.108	374.712	9.5585	34.1677	146.701	1493.82	18205	24
12.658	372.989	375.6	9.5543	34.1687	144.156	1493.82	18229	24
12.6747	373.849	376.467	9.5472	34.1697	142.341	1493.81	18253	24
12.6913	374.694	377.319	9.5341	34.1716	140.973	1493.78	18277	24
12.708	375.586	378.217	9.5152	34.174	139.842	1493.73	18301	24
12.7247	376.426	379.064	9.4936	34.1775	138.671	1493.67	18325	24
12.7413	377.217	379.862	9.4727	34.1826	137.383	1493.61	18349	24
12.758	378.155	380.808	9.4541	34.1881	135.97	1493.57	18373	24
12.7747	379.284	381.946	9.4389	34.1875	134.152	1493.53	18397	24
12.7913	380.442	383.113	9.4276	34.1918	131.83	1493.51	18421	24
12.808	381.459	384.138	9.4389	34.2009	129.415	1493.58	18445	24
12.8247	382.231	384.915	9.4376	34.2039	127.404	1493.59	18469	24
12.8413	382.778	385.467	9.3927	34.2019	125.241	1493.43	18493	24
12.858	383.313	386.007	9.3669	34.204	122.69	1493.35	18517	24
12.8747	384.095	386.795	9.3478	34.2041	120.442	1493.29	18541	24
12.8913	385.107	387.815	9.3122	34.1999	118.817	1493.17	18565	24
12.908	386.199	388.915	9.2864	34.1989	117.394	1493.09	18589	24
12.9247	387.247	389.972	9.2682	34.2001	116.245	1493.04	18613	24
12.9413	388.087	390.819	9.2699	34.2037	115.635	1493.07	18637	24
12.958	388.76	391.497	9.2764	34.2048	115.133	1493.1	18661	24

12.9747	389.491	392.234	9.2889	34.208	114.328	1493.16	18685	24
12.9913	390.355	393.104	9.228	34.2063	113.575	1492.95	18709	24
13.008	391.285	394.042	9.1612	34.2021	112.858	1492.71	18733	24
13.0247	392.276	395.041	9.1391	34.2014	111.677	1492.65	18757	24
13.0413	393.295	396.068	9.1161	34.2005	110.787	1492.58	18781	24
13.058	394.158	396.937	9.1013	34.1998	110.405	1492.53	18805	24
13.0747	394.866	397.652	9.0947	34.1996	110.042	1492.52	18829	24
13.0913	395.654	398.446	9.0827	34.1993	109.803	1492.49	18853	24
13.108	396.547	399.346	9.0516	34.198	109.674	1492.39	18877	24
13.1247	397.401	400.207	8.9853	34.2012	109.621	1492.16	18901	24
13.1413	398.175	400.987	8.9663	34.2029	109.305	1492.1	18925	24
13.158	398.99	401.809	8.9626	34.2027	108.603	1492.1	18949	24
13.1747	399.898	402.724	8.96	34.202	107.498	1492.1	18973	24
13.1913	400.957	403.791	8.9418	34.2024	106.354	1492.05	18997	24
13.208	402.142	404.986	8.9398	34.2032	105.459	1492.07	19021	24
13.2247	403.248	406.101	8.9405	34.2041	104.794	1492.09	19045	24
13.2413	404.056	406.915	8.9546	34.2098	104.076	1492.16	19069	24
13.258	404.549	407.412	8.9668	34.2178	103.408	1492.23	19093	24
13.2747	405.03	407.897	8.9714	34.2211	102.699	1492.25	19117	24
13.2913	405.689	408.562	8.9664	34.2224	101.297	1492.25	19141	24
13.308	406.71	409.591	8.9454	34.2224	99.217	1492.19	19165	24
13.3247	407.955	410.846	8.9065	34.2212	97.228	1492.06	19189	24
13.3413	409.121	412.022	8.8612	34.2182	95.56	1491.91	19213	24
13.358	410.132	413.041	8.8178	34.2146	94.256	1491.76	19237	24
13.3747	411.074	413.99	8.7856	34.2122	93.349	1491.65	19261	24
13.3913	411.831	414.754	8.7784	34.2111	92.924	1491.63	19285	24
13.408	412.295	415.221	8.7753	34.2103	92.936	1491.63	19309	24
13.4247	412.713	415.643	8.764	34.2091	93.227	1491.59	19333	24
13.4413	413.385	416.32	8.7344	34.2076	93.635	1491.49	19357	24
13.458	414.385	417.328	8.7068	34.2061	93.932	1491.4	19381	24
13.4747	415.646	418.599	8.6712	34.2039	94.193	1491.28	19405	24
13.4913	416.919	419.882	8.6148	34.2134	94.408	1491.1	19429	24
13.508	417.915	420.886	8.6068	34.2141	94.494	1491.09	19453	24
13.5247	418.62	421.598	8.6063	34.2134	93.82	1491.1	19477	24

13.5413	419.317	422.3	8.6062	34.2128	92.317	1491.11	19501	24
13.558	420.102	423.092	8.6061	34.2125	91.015	1491.12	19525	24
13.5747	420.958	423.954	8.6045	34.2122	90.206	1491.13	19549	24
13.5913	421.849	424.853	8.5987	34.2178	89.721	1491.13	19573	24
13.608	422.751	425.762	8.5968	34.2199	89.456	1491.14	19597	24
13.6247	423.605	426.623	8.5862	34.219	89.071	1491.11	19621	24
13.6413	424.522	427.547	8.5841	34.2189	88.113	1491.12	19645	24
13.658	425.48	428.514	8.5833	34.2213	87.125	1491.13	19669	24
13.6747	426.387	429.428	8.5745	34.2246	86.455	1491.12	19693	24
13.6913	427.264	430.312	8.5705	34.2255	85.885	1491.12	19717	24
13.708	428.151	431.206	8.569	34.2256	85.063	1491.13	19741	24
13.7247	428.906	431.967	8.5627	34.2256	84.094	1491.12	19765	24
13.7413	429.56	432.627	8.5493	34.2267	83.327	1491.08	19789	24
13.758	430.412	433.486	8.5483	34.2288	82.697	1491.09	19813	24
13.7747	431.45	434.532	8.5462	34.2303	82.15	1491.1	19837	24
13.7913	432.437	435.528	8.5454	34.2312	81.594	1491.12	19861	24
13.808	433.291	436.388	8.5461	34.2335	80.92	1491.14	19885	24
13.8247	434.102	437.206	8.543	34.2371	80.21	1491.14	19909	24
13.8413	434.931	438.042	8.5261	34.2396	79.556	1491.1	19933	24
13.858	435.805	438.923	8.5082	34.2441	78.68	1491.05	19957	24
13.8747	436.743	439.869	8.4992	34.2457	77.589	1491.03	19981	24
13.8913	437.575	440.707	8.4854	34.2453	76.349	1490.99	20005	24
13.908	438.335	441.474	8.4562	34.2454	75.02	1490.9	20029	24
13.9247	439.268	442.414	8.422	34.2483	73.91	1490.79	20053	24
13.9413	440.292	443.447	8.4097	34.2488	72.982	1490.76	20077	24
13.958	441.178	444.34	8.4037	34.2486	72.078	1490.75	20101	24
13.9747	441.841	445.009	8.3995	34.2483	71.19	1490.74	20125	24
13.9913	442.489	445.662	8.3943	34.2478	70.355	1490.73	20149	24
14.008	443.296	446.476	8.3818	34.2472	69.864	1490.7	20173	24
14.0247	444.337	447.526	8.3497	34.2448	69.587	1490.59	20197	24
14.0413	445.518	448.716	8.317	34.2436	69.348	1490.48	20221	24
14.058	446.56	449.767	8.2716	34.2397	69.186	1490.32	20245	24
14.0747	447.341	450.555	8.1951	34.2373	69.151	1490.04	20269	24
14.0913	448.07	451.289	8.1786	34.236	69.127	1489.99	20293	24

14.108	448.935	452.161	8.1687	34.2347	69.25	1489.97	20317	24
14.1247	449.923	453.157	8.1468	34.2338	69.461	1489.9	20341	24
14.1413	450.942	454.185	8.1371	34.2332	69.564	1489.88	20365	24
14.158	451.855	455.106	8.1253	34.2331	69.606	1489.85	20389	24
14.1747	452.487	455.743	8.1088	34.2324	69.607	1489.79	20413	24
14.1913	453.009	456.269	8.079	34.2324	69.606	1489.69	20437	24
14.208	453.725	456.991	8.0751	34.2339	69.529	1489.68	20461	24
14.2247	454.713	457.988	8.0894	34.2378	69.331	1489.76	20485	24
14.2413	455.874	459.158	8.0989	34.244	69.016	1489.82	20509	24
14.258	456.977	460.27	8.0768	34.2454	68.605	1489.76	20533	24
14.2747	457.85	461.151	7.9964	34.2435	67.92	1489.46	20557	24
14.2913	458.491	461.797	7.9191	34.2435	66.705	1489.18	20581	24
14.308	459.239	462.551	7.8916	34.2419	65.403	1489.08	20605	24
14.3247	460.195	463.515	7.8771	34.2405	64.262	1489.04	20629	24
14.3413	461.2	464.528	7.8612	34.2405	63.378	1489	20653	24
14.358	462.176	465.513	7.8413	34.2444	62.771	1488.94	20677	24
14.3747	463.161	466.505	7.81	34.2415	62.409	1488.83	20701	24
14.3913	464.078	467.43	7.7471	34.2361	61.964	1488.6	20725	24
14.408	464.839	468.198	7.7253	34.2346	61.263	1488.53	20749	24
14.4247	465.535	468.9	7.7127	34.2327	60.769	1488.49	20773	24
14.4413	466.165	469.535	7.6899	34.2298	60.627	1488.41	20797	24
14.458	466.775	470.15	7.664	34.2271	60.595	1488.31	20821	24
14.4747	467.606	470.988	7.6135	34.222	60.694	1488.12	20845	24
14.4913	468.653	472.044	7.5477	34.2169	60.907	1487.88	20869	24
14.508	469.748	473.148	7.4444	34.2097	61.227	1487.49	20893	24
14.5247	470.863	474.272	7.4168	34.2073	61.546	1487.39	20917	24
14.5413	471.999	475.418	7.3713	34.203	61.994	1487.23	20941	24
14.558	473.001	476.428	7.3423	34.2036	62.528	1487.13	20965	24
14.5747	473.75	477.183	7.3245	34.2035	63.067	1487.08	20989	24
14.5913	474.399	477.838	7.3094	34.203	63.361	1487.03	21013	24
14.608	475.095	478.539	7.2984	34.2027	63.351	1487	21037	24
14.6247	475.865	479.316	7.2803	34.2027	63.122	1486.94	21061	24
14.6413	476.705	480.163	7.2672	34.2026	62.897	1486.9	21085	24
14.658	477.533	480.998	7.258	34.2022	62.591	1486.88	21109	24

14.6747	478.244	481.715	7.2447	34.202	62.253	1486.84	21133	24
14.6913	479.013	482.491	7.2341	34.2021	61.942	1486.81	21157	24
14.708	480.039	483.525	7.2319	34.2016	61.66	1486.82	21181	24
14.7247	481.228	484.724	7.222	34.2011	61.486	1486.8	21205	24
14.7413	482.364	485.87	7.1942	34.2027	61.341	1486.71	21229	24
14.758	483.221	486.735	7.1778	34.2038	61.205	1486.66	21253	24
14.7747	483.779	487.297	7.1623	34.2048	60.957	1486.61	21277	24
14.7913	484.368	487.89	7.1527	34.2056	60.546	1486.59	21301	24
14.808	485.292	488.823	7.1309	34.2078	60.164	1486.52	21325	24
14.8247	486.557	490.098	7.116	34.2092	59.727	1486.48	21349	24
14.8413	487.807	491.359	7.1002	34.2104	59.28	1486.44	21373	24
14.858	488.765	492.326	7.0955	34.211	58.725	1486.44	21397	24
14.8747	489.467	493.033	7.0938	34.2107	58.099	1486.45	21421	24
14.8913	490.039	493.611	7.0911	34.2107	57.569	1486.44	21445	24
14.908	490.623	494.199	7.0868	34.2104	57.128	1486.44	21469	24
14.9247	491.343	494.925	7.0805	34.2105	56.739	1486.42	21493	24
14.9413	492.149	495.738	7.0742	34.2107	56.474	1486.41	21517	24
14.958	493.012	496.608	7.0695	34.2109	56.287	1486.41	21541	24
14.9747	494.056	497.661	7.0664	34.2107	56.176	1486.42	21565	24
14.9913	495.279	498.895	7.0531	34.2107	56.067	1486.38	21589	24
15.008	496.486	500.111	7.0268	34.2108	55.97	1486.3	21613	24
15.0247	497.502	501.136	7.0106	34.2107	55.875	1486.25	21637	24
15.0413	498.236	501.877	6.9975	34.2105	55.773	1486.21	21661	24
15.058	498.722	502.367	6.9777	34.2096	55.635	1486.14	21685	24
15.0747	499.222	502.871	6.9519	34.2091	55.575	1486.05	21709	24
15.0913	499.93	503.585	6.9391	34.2087	55.51	1486.01	21733	24
15.108	500.819	504.482	6.9281	34.2083	55.444	1485.98	21757	24
15.1247	501.771	505.441	6.9113	34.2076	55.392	1485.93	21781	24
15.1413	502.789	506.469	6.8832	34.2072	55.425	1485.83	21805	24
15.158	503.859	507.548	6.8445	34.2088	55.416	1485.7	21829	24
15.1747	504.931	508.629	6.8042	34.2103	55.361	1485.56	21853	24
15.1913	505.925	509.632	6.7662	34.2092	55.189	1485.43	21877	24
15.208	506.762	510.476	6.7544	34.2098	54.809	1485.4	21901	24
15.2247	507.429	511.148	6.7549	34.2094	54.379	1485.41	21925	24

15.2413	508.091	511.816	6.7533	34.2094	54.022	1485.41	21949	24
15.258	508.981	512.713	6.7453	34.2105	53.696	1485.4	21973	24
15.2747	510.086	513.828	6.7391	34.2106	53.462	1485.39	21997	24
15.2913	511.181	514.932	6.733	34.2112	53.222	1485.39	22021	24
15.308	512.097	515.856	6.7283	34.2108	53.023	1485.38	22045	24
15.3247	512.805	516.571	6.7211	34.2104	52.765	1485.36	22069	24
15.3413	513.458	517.229	6.7137	34.2104	52.615	1485.35	22093	24
15.358	514.21	517.988	6.7108	34.21	52.494	1485.35	22117	24
15.3747	515.1	518.885	6.7039	34.2092	52.416	1485.33	22141	24
15.3913	516.027	519.82	6.6827	34.2093	52.383	1485.26	22165	24
15.408	516.892	520.693	6.6761	34.2094	52.332	1485.25	22189	24
15.4247	517.788	521.596	6.6613	34.2084	52.302	1485.21	22213	24
15.4413	518.864	522.682	6.6539	34.209	52.198	1485.2	22237	24
15.458	520.061	523.889	6.6381	34.2091	52.139	1485.16	22261	24
15.4747	521.143	524.98	6.6258	34.2106	52.133	1485.13	22285	24
15.4913	521.902	525.746	6.5856	34.2082	52.117	1484.98	22309	24
15.508	522.337	526.184	6.5827	34.2078	52.014	1484.97	22333	24
15.5247	522.805	526.656	6.5517	34.2051	51.914	1484.85	22357	24
15.5413	523.527	527.385	6.5547	34.2067	51.876	1484.88	22381	24
15.558	524.501	528.367	6.5529	34.2066	51.918	1484.89	22405	24
15.5747	525.631	529.507	6.5516	34.208	52.015	1484.9	22429	24
15.5913	526.808	530.694	6.5299	34.2091	52.092	1484.84	22453	24
15.608	527.875	531.77	6.5137	34.2104	52.048	1484.79	22477	24
15.6247	528.663	532.565	6.4985	34.21	51.897	1484.74	22501	24
15.6413	529.377	533.285	6.4813	34.2097	51.599	1484.69	22525	24
15.658	530.225	534.14	6.4783	34.2119	51.345	1484.69	22549	24
15.6747	531.019	534.942	6.4728	34.2134	51.181	1484.69	22573	24
15.6913	531.622	535.55	6.453	34.213	51.143	1484.62	22597	24
15.708	532.315	536.249	6.4488	34.2137	50.905	1484.61	22621	24
15.7247	533.304	537.247	6.4452	34.2174	50.602	1484.62	22645	24
15.7413	534.431	538.383	6.4315	34.2206	50.411	1484.59	22669	24
15.758	535.508	539.47	6.3993	34.2258	50.212	1484.48	22693	24
15.7747	536.525	540.495	6.3774	34.2283	49.765	1484.42	22717	24
15.7913	537.492	541.472	6.3695	34.2301	49.099	1484.4	22741	24

15.808	538.37	542.357	6.3693	34.2296	48.352	1484.42	22765	24
15.8247	539.084	543.077	6.3692	34.2296	47.57	1484.43	22789	24
15.8413	539.65	543.648	6.363	34.2329	46.941	1484.42	22813	24
15.858	540.328	544.331	6.3534	34.236	46.548	1484.39	22837	24
15.8747	541.285	545.297	6.3496	34.2373	46.2	1484.4	22861	24
15.8913	542.49	546.512	6.3439	34.2378	45.746	1484.39	22885	24
15.908	543.707	547.74	6.3414	34.239	45.216	1484.41	22909	24
15.9247	544.711	548.753	6.3294	34.2417	44.765	1484.38	22933	24
15.9413	545.355	549.402	6.3238	34.2429	44.367	1484.37	22957	24
15.958	545.778	549.829	6.3193	34.2437	43.994	1484.36	22981	24
15.9747	546.332	550.388	6.3118	34.246	43.585	1484.34	23005	24
15.9913	547.147	551.211	6.3082	34.2482	43.218	1484.34	23029	24
16.008	548.185	552.258	6.3056	34.2491	42.89	1484.35	23053	24
16.0247	549.279	553.361	6.3043	34.2492	42.517	1484.36	23077	24
16.0413	550.415	554.507	6.3028	34.2494	42.117	1484.38	23101	24
16.058	551.562	555.664	6.3018	34.2494	41.777	1484.39	23125	24
16.0747	552.483	556.593	6.2996	34.2496	41.52	1484.4	23149	24
16.0913	553.042	557.157	6.2971	34.2496	41.299	1484.4	23173	24
16.108	553.535	557.655	6.293	34.2499	41.156	1484.39	23197	24
16.1247	554.188	558.314	6.2822	34.2505	41.049	1484.36	23221	24
16.1413	555.064	559.197	6.2731	34.2509	40.957	1484.34	23245	24
16.158	556.148	560.291	6.2691	34.2505	40.884	1484.34	23269	24
16.1746	557.27	561.422	6.2575	34.2501	40.824	1484.31	23293	24
16.1913	558.253	562.414	6.2184	34.2531	40.772	1484.17	23317	24
16.208	559.119	563.288	6.1935	34.2616	40.753	1484.1	23341	24
16.2247	560.087	564.264	6.1898	34.2621	40.657	1484.1	23365	24
16.2413	561.166	565.353	6.1839	34.2633	40.447	1484.1	23389	24
16.258	562.167	566.362	6.1705	34.2684	39.987	1484.07	23413	24
16.2747	562.934	567.136	6.1665	34.2702	39.578	1484.07	23437	24
16.2913	563.512	567.719	6.1666	34.2706	39.088	1484.08	23461	24
16.308	564.15	568.363	6.1659	34.2715	38.604	1484.09	23485	24
16.3247	564.969	569.189	6.1641	34.2719	38.122	1484.09	23509	24
16.3413	566.019	570.249	6.1625	34.2726	37.73	1484.1	23533	24
16.358	567.177	571.417	6.1455	34.2742	37.384	1484.06	23557	24

16.3747	568.207	572.456	6.1216	34.2752	37.171	1483.98	23581	24
16.3913	568.83	573.085	6.1056	34.2759	36.971	1483.93	23605	24
16.408	569.176	573.434	6.1001	34.2757	36.778	1483.91	23629	24
16.4246	569.826	574.089	6.0943	34.2771	36.613	1483.9	23653	24
16.4413	570.832	575.104	6.0947	34.2791	36.49	1483.92	23677	24
16.458	572.037	576.32	6.0811	34.2826	36.423	1483.89	23701	24
16.4747	573.173	577.467	6.0884	34.2885	36.298	1483.95	23725	24
16.4913	574.148	578.45	6.0899	34.29	36.102	1483.97	23749	24
16.508	575.051	579.361	6.0864	34.2903	35.797	1483.97	23773	24
16.5247	575.987	580.306	6.0572	34.2916	35.347	1483.87	23797	24
16.5413	576.899	581.225	6.0248	34.2963	34.881	1483.76	23821	24
16.558	577.566	581.898	6.0193	34.2975	34.555	1483.76	23845	24
16.5747	578.07	582.407	6.0187	34.2971	34.257	1483.76	23869	24
16.5913	578.779	583.122	6.0164	34.2976	34.044	1483.76	23893	24
16.608	579.746	584.098	6.013	34.298	33.851	1483.77	23917	24
16.6247	580.886	585.248	6.0038	34.2987	33.724	1483.75	23941	24
16.6413	582.012	586.385	5.9844	34.3009	33.66	1483.69	23965	24
16.658	582.971	587.352	5.9782	34.3006	33.602	1483.68	23989	24
16.6746	583.773	588.161	5.97	34.2998	33.54	1483.66	24013	24
16.6913	584.516	588.91	5.9377	34.2987	33.53	1483.54	24037	24
16.708	585.264	589.665	5.9257	34.299	33.532	1483.51	24061	24
16.7247	586.103	590.511	5.9162	34.3003	33.548	1483.48	24085	24
16.7413	587.114	591.532	5.9076	34.3006	33.576	1483.47	24109	24
16.758	588.24	592.668	5.9012	34.3007	33.642	1483.46	24133	24
16.7747	589.311	593.748	5.8941	34.3	33.714	1483.45	24157	24
16.7913	590.172	594.617	5.8855	34.2996	33.731	1483.43	24181	24
16.808	590.666	595.116	5.8848	34.2995	33.739	1483.43	24205	24
16.8247	590.995	595.447	5.8858	34.2995	33.734	1483.44	24229	24
16.8413	591.603	596.061	5.8891	34.3005	33.74	1483.47	24253	24
16.858	592.641	597.109	5.9047	34.3055	33.725	1483.55	24277	24
16.8747	594.014	598.493	5.8904	34.3127	33.741	1483.53	24301	24
16.8913	595.278	599.769	5.8881	34.3156	33.726	1483.54	24325	24
16.908	596.03	600.527	5.8854	34.3162	33.535	1483.55	24349	24
16.9246	596.532	601.034	5.8822	34.3168	33.176	1483.54	24373	24

16.9413	597.396	601.906	5.8785	34.3169	32.829	1483.54	24397	24
16.958	598.571	603.092	5.8331	34.3172	32.639	1483.38	24421	24
16.9747	599.746	604.277	5.8198	34.3171	32.43	1483.35	24445	24
16.9913	600.472	605.01	5.8138	34.3162	32.309	1483.33	24469	24
17.008	600.852	605.393	5.8128	34.3159	32.261	1483.33	24493	24
17.0247	601.411	605.956	5.8102	34.3154	32.249	1483.33	24517	24
17.0413	602.216	606.77	5.8092	34.3152	32.281	1483.34	24541	24
17.058	603.341	607.905	5.8084	34.315	32.326	1483.36	24565	24
17.0747	604.631	609.207	5.797	34.3152	32.363	1483.33	24589	24
17.0913	605.869	610.455	5.7893	34.3178	32.435	1483.32	24613	24
17.108	606.887	611.483	5.7558	34.3166	32.488	1483.2	24637	24
17.1247	607.66	612.262	5.7436	34.3183	32.467	1483.17	24661	24
17.1413	608.313	612.921	5.7412	34.3195	32.409	1483.17	24685	24
17.158	609.071	613.686	5.7409	34.3225	32.457	1483.19	24709	24
17.1746	609.965	614.589	5.7414	34.326	32.465	1483.21	24733	24
17.1913	610.895	615.527	5.7426	34.3273	32.491	1483.23	24757	24
17.208	611.75	616.39	5.7467	34.3288	32.418	1483.26	24781	24
17.2247	612.479	617.125	5.7486	34.3294	32.239	1483.29	24805	24
17.2413	613.173	617.826	5.751	34.3305	32.032	1483.31	24829	24
17.258	614.02	618.68	5.7528	34.331	31.865	1483.33	24853	24
17.2747	615.112	619.783	5.7538	34.3314	31.683	1483.35	24877	24
17.2913	616.385	621.067	5.7538	34.3315	31.525	1483.37	24901	24
17.308	617.657	622.35	5.7562	34.3324	31.337	1483.41	24925	24
17.3247	618.68	623.383	5.7575	34.3329	31.228	1483.43	24949	24
17.3413	619.253	623.961	5.7574	34.3328	31.151	1483.44	24973	24
17.358	619.518	624.229	5.7578	34.3327	31.023	1483.44	24997	24
17.3747	619.984	624.698	5.7575	34.333	30.968	1483.45	25021	24
17.3913	620.788	625.51	5.7573	34.3333	30.865	1483.46	25045	24
17.408	621.852	626.584	5.7575	34.333	30.841	1483.48	25069	24
17.4246	622.887	627.628	5.7575	34.3331	30.8	1483.5	25093	24
17.4413	623.741	628.489	5.7575	34.3333	30.787	1483.51	25117	24
17.458	624.653	629.41	5.7576	34.3341	30.751	1483.53	25141	24
17.4747	625.829	630.598	5.7577	34.3349	30.744	1483.55	25165	24
17.4913	627.125	631.905	5.7581	34.3366	30.744	1483.58	25189	24

17.508	628.191	632.981	5.7584	34.3374	30.72	1483.6	25213	24
17.5247	628.742	633.537	5.7588	34.3375	30.665	1483.61	25237	24
17.5413	629.093	633.892	5.7587	34.3378	30.593	1483.61	25261	24
17.558	629.71	634.513	5.7576	34.3385	30.472	1483.62	25285	24
17.5747	630.634	635.446	5.747	34.3396	30.41	1483.59	25309	24
17.5913	631.801	636.623	5.7225	34.3423	30.386	1483.52	25333	24
17.608	632.921	637.753	5.7172	34.3428	30.31	1483.51	25357	24
17.6247	633.882	638.724	5.7142	34.343	30.339	1483.52	25381	24
17.6413	634.817	639.668	5.7101	34.3436	30.379	1483.52	25405	24
17.658	635.785	640.645	5.7059	34.3442	30.426	1483.52	25429	24
17.6746	636.676	641.544	5.7012	34.3451	30.489	1483.52	25453	24
17.6913	637.397	642.271	5.6983	34.3456	30.528	1483.52	25477	24
17.708	638.035	642.915	5.6973	34.3458	30.548	1483.52	25501	24
17.7247	638.774	643.661	5.696	34.3461	30.564	1483.53	25525	24
17.7413	639.655	644.55	5.6935	34.3466	30.563	1483.54	25549	24
17.758	640.655	645.56	5.6879	34.348	30.577	1483.53	25573	24
17.7747	641.779	646.693	5.685	34.3487	30.561	1483.54	25597	24
17.7913	642.988	647.914	5.682	34.3488	30.517	1483.55	25621	24
17.808	644.109	649.045	5.6635	34.3497	30.489	1483.49	25645	24
17.8247	644.922	649.866	5.6442	34.3515	30.495	1483.43	25669	24
17.8413	645.324	650.272	5.6411	34.3511	30.504	1483.42	25693	24
17.858	645.711	650.662	5.6382	34.3511	30.57	1483.42	25717	24
17.8747	646.384	651.342	5.6366	34.3519	30.693	1483.42	25741	24
17.8913	647.357	652.323	5.6376	34.3529	30.798	1483.45	25765	24
17.908	648.583	653.56	5.6348	34.354	30.868	1483.46	25789	24
17.9246	649.822	654.811	5.6264	34.3556	30.93	1483.44	25813	24
17.9413	650.878	655.876	5.6238	34.3562	30.919	1483.45	25837	24
17.958	651.692	656.698	5.6221	34.3563	30.878	1483.46	25861	24
17.9747	652.343	657.355	5.6189	34.3569	30.838	1483.46	25885	24
17.9913	653.021	658.039	5.6139	34.3578	30.753	1483.45	25909	24
18.008	653.901	658.928	5.6073	34.3575	30.688	1483.44	25933	24
18.0247	654.903	659.939	5.6001	34.3575	30.617	1483.42	25957	24
18.0413	655.877	660.922	5.5965	34.358	30.584	1483.43	25981	24
18.058	656.782	661.836	5.5936	34.3586	30.59	1483.43	26005	24

18.0747	657.628	662.689	5.5911	34.3589	30.618	1483.44	26029	24
18.0913	658.372	663.44	5.5885	34.3594	30.702	1483.44	26053	24
18.108	659.135	664.21	5.5878	34.36	30.695	1483.45	26077	24
18.1247	660.156	665.241	5.5857	34.3606	30.717	1483.46	26101	24
18.1413	661.377	666.473	5.5728	34.3632	30.708	1483.43	26125	24
18.158	662.474	667.58	5.5688	34.3637	30.659	1483.43	26149	24
18.1746	663.25	668.364	5.5674	34.3638	30.64	1483.44	26173	24
18.1913	663.824	668.943	5.5666	34.3638	30.626	1483.44	26197	24
18.208	664.431	669.556	5.565	34.364	30.635	1483.45	26221	24
18.2247	665.164	670.295	5.5626	34.3645	30.646	1483.45	26245	24
18.2413	666.142	671.282	5.5607	34.3649	30.617	1483.46	26269	24
18.258	667.398	672.55	5.559	34.365	30.635	1483.48	26293	24
18.2747	668.662	673.826	5.5575	34.3652	30.647	1483.49	26317	24
18.2913	669.574	674.747	5.5571	34.365	30.674	1483.5	26341	24
18.308	670.107	675.285	5.5568	34.365	30.659	1483.51	26365	24
18.3247	670.671	675.854	5.5555	34.365	30.697	1483.51	26389	24
18.3413	671.446	676.636	5.554	34.3651	30.689	1483.52	26413	24
18.358	672.442	677.641	5.5529	34.3654	30.717	1483.53	26437	24
18.3747	673.482	678.692	5.5484	34.3662	30.691	1483.54	26461	24
18.3913	674.333	679.551	5.543	34.3672	30.726	1483.53	26485	24
18.408	675.047	680.271	5.5407	34.3675	30.697	1483.53	26509	24
18.4246	675.937	681.17	5.5302	34.3693	30.725	1483.51	26533	24
18.4413	677.073	682.316	5.5205	34.3717	30.724	1483.49	26557	24
18.458	678.293	683.548	5.5155	34.3732	30.75	1483.49	26581	24
18.4747	679.339	684.604	5.5123	34.3735	30.728	1483.49	26605	24
18.4913	680.054	685.325	5.5076	34.3741	30.694	1483.49	26629	24
18.508	680.547	685.823	5.5044	34.3745	30.698	1483.48	26653	24
18.5247	681.189	686.471	5.5014	34.3751	30.629	1483.48	26677	24
18.5413	682.025	687.315	5.4958	34.3762	30.608	1483.48	26701	24
18.558	682.894	688.192	5.4905	34.3774	30.615	1483.47	26725	24
18.5747	683.75	689.057	5.4867	34.378	30.621	1483.47	26749	24
18.5913	684.734	690.049	5.4816	34.3793	30.64	1483.47	26773	24
18.608	685.794	691.119	5.4755	34.3807	30.637	1483.46	26797	24
18.6247	686.83	692.165	5.4702	34.382	30.639	1483.46	26821	24

18.6413	687.874	693.218	5.4653	34.3829	30.647	1483.46	26845	24
18.658	688.92	694.274	5.4573	34.3838	30.634	1483.44	26869	24
18.6746	689.806	695.169	5.4147	34.3902	30.684	1483.29	26893	24
18.6913	690.511	695.881	5.4058	34.3912	30.687	1483.27	26917	24
18.708	691.229	696.606	5.4023	34.3911	30.704	1483.27	26941	24
18.7247	692.026	697.41	5.3996	34.391	30.784	1483.27	26965	24
18.7413	692.902	698.294	5.3967	34.3911	30.882	1483.27	26989	24
18.758	693.85	699.252	5.3929	34.3913	31.009	1483.27	27013	24
18.7747	694.737	700.147	5.392	34.3912	31.071	1483.28	27037	24
18.7913	695.393	700.809	5.3902	34.3911	31.144	1483.29	27061	24
18.808	695.997	701.42	5.3898	34.3911	31.221	1483.3	27085	24
18.8247	696.83	702.26	5.3892	34.3911	31.248	1483.31	27109	24
18.8413	697.925	703.365	5.3888	34.3912	31.328	1483.33	27133	24
18.858	699.169	704.621	5.3878	34.3912	31.334	1483.34	27157	24
18.8747	700.344	705.807	5.3833	34.3914	31.417	1483.34	27181	24
18.8913	701.295	706.767	5.3807	34.3916	31.44	1483.35	27205	24
18.908	702.117	707.596	5.3808	34.3915	31.461	1483.36	27229	24
18.9246	702.876	708.364	5.3813	34.3914	31.452	1483.38	27253	24
18.9413	703.517	709.011	5.38	34.3914	31.467	1483.38	27277	24
18.958	704.061	709.559	5.3801	34.3913	31.47	1483.39	27301	24
18.9747	704.788	710.293	5.3806	34.3913	31.467	1483.41	27325	24
18.9913	705.815	711.33	5.3796	34.3913	31.478	1483.42	27349	24
19.008	707.031	712.557	5.3782	34.3915	31.524	1483.43	27373	24
19.0247	708.232	713.77	5.3734	34.3918	31.527	1483.43	27397	24
19.0413	709.132	714.679	5.3669	34.3922	31.57	1483.42	27421	24
19.058	709.553	715.104	5.3643	34.3923	31.591	1483.42	27445	24
19.0747	710.004	715.559	5.3628	34.3925	31.612	1483.42	27469	24
19.0913	710.963	716.527	5.3584	34.3927	31.653	1483.42	27493	24
19.108	712.289	717.866	5.3542	34.393	31.674	1483.42	27517	24
19.1247	713.692	719.283	5.348	34.3932	31.736	1483.42	27541	24
19.1413	714.762	720.362	5.346	34.3931	31.794	1483.43	27565	24
19.158	715.364	720.971	5.3445	34.3931	31.896	1483.44	27589	24
19.1746	715.878	721.49	5.3439	34.393	31.968	1483.44	27613	24
19.1913	716.625	722.244	5.3423	34.3931	32.047	1483.45	27637	24

19.208	717.57	723.197	5.3377	34.3934	32.112	1483.45	27661	24
19.2247	718.581	724.218	5.3146	34.3963	32.134	1483.37	27685	24
19.2413	719.494	725.14	5.2931	34.4003	32.17	1483.3	27709	24
19.258	720.265	725.918	5.2913	34.4003	32.25	1483.31	27733	24
19.2747	720.951	726.611	5.2905	34.4002	32.392	1483.32	27757	24
19.2913	721.735	727.402	5.2874	34.401	32.559	1483.32	27781	24
19.308	722.82	728.497	5.2838	34.4022	32.688	1483.33	27805	24
19.3247	724.032	729.721	5.2806	34.4025	32.806	1483.33	27829	24
19.3413	725.08	730.78	5.2797	34.4026	32.875	1483.35	27853	24
19.358	725.823	731.53	5.2794	34.4024	32.89	1483.36	27877	24
19.3747	726.396	732.108	5.2786	34.4028	32.922	1483.36	27901	24
19.3913	726.938	732.656	5.2783	34.4026	32.925	1483.37	27925	24
19.408	727.654	733.378	5.2781	34.4028	32.962	1483.38	27949	24
19.4246	728.675	734.41	5.2764	34.403	32.945	1483.39	27973	24
19.4413	729.873	735.619	5.2715	34.4037	32.96	1483.39	27997	24
19.458	731.04	736.798	5.2637	34.4045	32.977	1483.38	28021	24
19.4747	732.024	737.791	5.2587	34.4053	33.008	1483.38	28045	24
19.4913	732.834	738.608	5.2562	34.4059	33.066	1483.38	28069	24
19.508	733.487	739.268	5.2477	34.407	33.173	1483.36	28093	24
19.5247	734.082	739.869	5.2416	34.4078	33.215	1483.35	28117	24
19.5413	734.796	740.589	5.2346	34.4082	33.265	1483.33	28141	24
19.558	735.703	741.505	5.2305	34.4086	33.283	1483.33	28165	24
19.5747	736.727	742.539	5.2252	34.4086	33.368	1483.33	28189	24
19.5913	737.679	743.5	5.2147	34.4103	33.426	1483.3	28213	24
19.608	738.422	744.25	5.2116	34.4106	33.496	1483.3	28237	24
19.6247	739.147	744.983	5.2051	34.4114	33.574	1483.29	28261	24
19.6413	739.968	745.811	5.2001	34.412	33.668	1483.28	28285	24
19.658	740.836	746.688	5.1975	34.4126	33.721	1483.29	28309	24
19.6746	741.762	747.624	5.1967	34.4125	33.807	1483.3	28333	24
19.6913	742.798	748.669	5.1951	34.4128	33.853	1483.31	28357	24
19.708	743.829	749.71	5.1848	34.4139	33.895	1483.28	28381	24
19.7247	744.63	750.519	5.1813	34.4144	33.959	1483.28	28405	24
19.7413	745.287	751.182	5.1794	34.4146	33.993	1483.29	28429	24
19.758	746.068	751.97	5.1765	34.4148	34.034	1483.29	28453	24

19.7747	747.034	752.946	5.1756	34.4149	34.056	1483.3	28477	24
19.7913	748.052	753.974	5.1755	34.4147	34.148	1483.32	28501	24
19.808	748.952	754.883	5.175	34.4147	34.188	1483.33	28525	24
19.8247	749.705	755.643	5.1736	34.415	34.233	1483.34	28549	24
19.8413	750.382	756.327	5.1724	34.4149	34.272	1483.34	28573	24
19.858	751.095	757.048	5.1714	34.4151	34.259	1483.35	28597	24
19.8747	751.945	757.905	5.1692	34.4153	34.322	1483.36	28621	24
19.8913	752.926	758.896	5.163	34.4157	34.344	1483.35	28645	24
19.908	753.959	759.939	5.1553	34.4163	34.355	1483.34	28669	24
19.9246	754.956	760.945	5.1488	34.4166	34.429	1483.33	28693	24
19.9413	755.869	761.868	5.1467	34.4167	34.47	1483.33	28717	24
19.958	756.661	762.667	5.1421	34.4169	34.529	1483.33	28741	24
19.9747	757.373	763.387	5.1379	34.417	34.548	1483.32	28765	24
19.9913	758.09	764.111	5.1379	34.4169	34.633	1483.33	28789	24
20.008	758.894	764.922	5.1373	34.417	34.649	1483.34	28813	24
20.0247	759.823	765.86	5.1367	34.4169	34.688	1483.36	28837	24
20.0413	760.835	766.882	5.135	34.417	34.689	1483.37	28861	24
20.058	761.812	767.868	5.1338	34.4171	34.735	1483.38	28885	24
20.0747	762.657	768.722	5.132	34.4172	34.77	1483.39	28909	24
20.0913	763.413	769.486	5.1301	34.4173	34.728	1483.39	28933	24
20.108	764.18	770.26	5.1299	34.4173	34.738	1483.4	28957	24
20.1247	764.999	771.087	5.1298	34.4173	34.713	1483.42	28981	24
20.1413	765.831	771.928	5.1285	34.4173	34.741	1483.42	29005	24
20.158	766.667	772.772	5.1276	34.4175	34.81	1483.43	29029	24
20.1746	767.534	773.647	5.1264	34.4176	34.844	1483.44	29053	24
20.1913	768.447	774.569	5.1247	34.4177	34.85	1483.45	29077	24
20.208	769.404	775.535	5.1232	34.418	34.844	1483.46	29101	24
20.2247	770.381	776.521	5.1201	34.4182	34.898	1483.47	29125	24
20.2413	771.37	777.521	5.1148	34.4188	34.942	1483.46	29149	24
20.258	772.367	778.528	5.1118	34.4194	35.001	1483.47	29173	24
20.2747	773.278	779.448	5.1095	34.4196	35.025	1483.47	29197	24
20.2913	773.96	780.136	5.1059	34.4202	35.031	1483.47	29221	24
20.308	774.429	780.61	5.1034	34.4208	35.053	1483.47	29245	24
20.3247	775.003	781.19	5.1004	34.4215	35.058	1483.47	29269	24

20.3413	775.833	782.028	5.0837	34.4235	35.063	1483.42	29293	24
20.358	776.865	783.069	5.0735	34.4247	35.094	1483.39	29317	24
20.3747	777.979	784.195	5.0709	34.4252	35.107	1483.4	29341	24
20.3913	779.036	785.262	5.0651	34.4264	35.122	1483.39	29365	24
20.408	779.904	786.139	5.0602	34.4265	35.184	1483.39	29389	24
20.4246	780.625	786.867	5.0562	34.4267	35.237	1483.39	29413	24
20.4413	781.375	787.624	5.0553	34.4268	35.277	1483.4	29437	24
20.458	782.161	788.418	5.0542	34.4269	35.316	1483.41	29461	24
20.4747	782.903	789.168	5.0532	34.4272	35.403	1483.41	29485	24
20.4913	783.701	789.973	5.0507	34.4277	35.432	1483.42	29509	24
20.508	784.721	791.003	5.038	34.4291	35.453	1483.38	29533	24
20.5247	785.931	792.226	5.0377	34.4322	35.47	1483.41	29557	24
20.5413	787.092	793.399	5.0385	34.4327	35.481	1483.43	29581	24
20.558	787.912	794.227	5.0401	34.434	35.506	1483.45	29605	24
20.5747	788.4	794.719	5.0382	34.4342	35.463	1483.45	29629	24
20.5913	788.899	795.224	5.038	34.4345	35.401	1483.46	29653	24
20.608	789.596	795.928	5.0376	34.4347	35.311	1483.47	29677	24
20.6247	790.519	796.86	5.0362	34.4357	35.194	1483.48	29701	24
20.6413	791.578	797.928	5.0219	34.4358	35.187	1483.44	29725	24
20.658	792.577	798.937	5.0099	34.4369	35.143	1483.41	29749	24
20.6746	793.491	799.861	5.0079	34.4369	35.02	1483.42	29773	24
20.6913	794.477	800.857	4.9984	34.4372	35.044	1483.39	29797	24
20.708	795.535	801.925	4.9852	34.4378	35.183	1483.36	29821	24
20.7247	796.502	802.902	4.9801	34.4379	35.257	1483.35	29845	24
20.7413	797.229	803.636	4.9792	34.4385	35.396	1483.36	29869	24
20.758	797.763	804.176	4.9799	34.4387	35.562	1483.37	29893	24
20.7747	798.341	804.759	4.9803	34.4389	35.688	1483.39	29917	24
20.7913	799.156	805.582	4.9793	34.4392	35.828	1483.4	29941	24
20.808	800.187	806.624	4.9759	34.4394	35.942	1483.4	29965	24
20.8247	801.271	807.719	4.9727	34.4395	35.997	1483.4	29989	24
20.8413	802.268	808.725	4.9678	34.4396	36.024	1483.4	30013	24
20.858	803.174	809.64	4.9674	34.4397	36.028	1483.41	30037	24
20.8747	804.043	810.518	4.9673	34.4395	36.109	1483.43	30061	24
20.8913	804.828	811.312	4.9663	34.4396	36.173	1483.44	30085	24

20.908	805.495	811.985	4.9649	34.4398	36.218	1483.44	30109	24
20.9246	806.133	812.629	4.956	34.4406	36.288	1483.42	30133	24
20.9413	806.852	813.355	4.952	34.4411	36.324	1483.41	30157	24
20.958	807.798	814.311	4.9507	34.4414	36.342	1483.43	30181	24
20.9747	809.015	815.54	4.9475	34.4422	36.439	1483.43	30205	24
20.9913	810.271	816.808	4.9444	34.4428	36.507	1483.44	30229	24
21.008	811.208	817.755	4.9425	34.4432	36.601	1483.45	30253	24
21.0247	811.76	818.313	4.9407	34.4435	36.676	1483.45	30277	24
21.0413	812.318	818.877	4.9385	34.4439	36.751	1483.45	30301	24
21.058	813.067	819.632	4.9341	34.4445	36.788	1483.45	30325	24
21.0747	813.926	820.5	4.9317	34.4445	36.824	1483.45	30349	24
21.0913	814.769	821.352	4.9304	34.4443	36.877	1483.46	30373	24
21.108	815.631	822.222	4.9282	34.4447	36.906	1483.47	30397	24
21.1247	816.587	823.188	4.9248	34.4453	36.961	1483.47	30421	24
21.1413	817.6	824.212	4.9205	34.4464	36.97	1483.47	30445	24
21.158	818.551	825.172	4.919	34.4466	36.976	1483.48	30469	24
21.1746	819.386	826.015	4.9175	34.4468	37.023	1483.49	30493	24
21.1913	820.162	826.799	4.9167	34.4468	37.045	1483.5	30517	24
21.208	820.989	827.635	4.9162	34.4468	37.091	1483.51	30541	24
21.2247	821.946	828.601	4.916	34.447	37.066	1483.52	30565	24
21.2413	822.988	829.654	4.9162	34.4469	37.018	1483.54	30589	24
21.258	823.976	830.652	4.9163	34.4469	37.006	1483.56	30613	24
21.2747	824.786	831.47	4.9164	34.4471	36.974	1483.57	30637	24
21.2913	825.434	832.125	4.9165	34.4473	36.883	1483.59	30661	24
21.308	826.107	832.804	4.9131	34.4476	36.818	1483.58	30685	24
21.3247	826.885	833.59	4.9107	34.4479	36.676	1483.59	30709	24
21.3413	827.706	834.42	4.9101	34.4481	36.533	1483.6	30733	24
21.358	828.538	835.26	4.9095	34.4483	36.443	1483.61	30757	24
21.3747	829.45	836.181	4.9072	34.4487	36.349	1483.62	30781	24
21.3913	830.441	837.182	4.9051	34.4488	36.285	1483.62	30805	24
21.408	831.437	838.189	4.9033	34.449	36.191	1483.63	30829	24
21.4247	832.455	839.217	4.9008	34.4492	36.091	1483.64	30853	24
21.4413	833.483	840.255	4.8964	34.4494	36.029	1483.64	30877	24
21.458	834.399	841.181	4.8921	34.4497	35.99	1483.64	30901	24

21.4747	835.108	841.896	4.8889	34.4498	36.008	1483.64	30925	24
21.4913	835.644	842.438	4.8869	34.45	36.054	1483.64	30949	24
21.508	836.213	843.013	4.8851	34.4501	36.123	1483.64	30973	24
21.5247	837.02	843.828	4.8812	34.4504	36.231	1483.64	30997	24
21.5413	838.085	844.903	4.8772	34.4509	36.257	1483.64	31021	24
21.558	839.217	846.048	4.8763	34.4508	36.305	1483.65	31045	24
21.5747	840.199	847.04	4.875	34.4508	36.353	1483.66	31069	24
21.5913	840.954	847.802	4.8742	34.4507	36.381	1483.67	31093	24
21.608	841.649	848.504	4.8704	34.451	36.423	1483.67	31117	24
21.6247	842.382	849.245	4.8585	34.4523	36.431	1483.63	31141	24
21.6413	843.147	850.017	4.8552	34.4526	36.443	1483.63	31165	24
21.658	843.99	850.869	4.8541	34.4528	36.46	1483.65	31189	24
21.6747	844.949	851.837	4.8535	34.4529	36.507	1483.66	31213	24
21.6913	845.994	852.893	4.8525	34.4532	36.584	1483.67	31237	24
21.708	847.019	853.929	4.8521	34.4531	36.59	1483.69	31261	24
21.7247	847.935	854.854	4.8499	34.4533	36.584	1483.69	31285	24
21.7413	848.751	855.679	4.8445	34.4536	36.539	1483.68	31309	24
21.758	849.49	856.425	4.8389	34.4541	36.465	1483.68	31333	24
21.7747	850.262	857.205	4.8307	34.4546	36.398	1483.65	31357	24
21.7913	851.136	858.088	4.8273	34.4548	36.394	1483.66	31381	24
21.808	851.982	858.943	4.8214	34.4551	36.403	1483.65	31405	24
21.8247	852.76	859.728	4.8134	34.4557	36.455	1483.63	31429	24
21.8413	853.613	860.59	4.8054	34.4561	36.478	1483.61	31453	24
21.858	854.598	861.586	4.7958	34.4569	36.557	1483.59	31477	24
21.8747	855.645	862.643	4.7774	34.4589	36.69	1483.53	31501	24
21.8913	856.596	863.604	4.7762	34.4586	36.827	1483.54	31525	24
21.908	857.342	864.358	4.7731	34.4586	36.988	1483.54	31549	24
21.9247	857.984	865.006	4.7707	34.4586	37.184	1483.54	31573	24
21.9413	858.666	865.696	4.769	34.4588	37.302	1483.55	31597	24
21.958	859.447	866.484	4.7667	34.459	37.427	1483.55	31621	24
21.9747	860.346	867.392	4.7649	34.4589	37.535	1483.56	31645	24
21.9913	861.329	868.386	4.7631	34.4591	37.583	1483.57	31669	24
22.008	862.319	869.386	4.7586	34.4592	37.61	1483.57	31693	24
22.0247	863.332	870.409	4.7457	34.46	37.639	1483.53	31717	24

22.0413	864.362	871.45	4.7329	34.4609	37.709	1483.49	31741	24
22.058	865.288	872.386	4.7303	34.4608	37.764	1483.5	31765	24
22.0747	865.974	873.079	4.728	34.4607	37.871	1483.5	31789	24
22.0913	866.543	873.654	4.7268	34.4608	38.018	1483.51	31813	24
22.108	867.267	874.385	4.7238	34.461	38.162	1483.5	31837	24
22.1247	868.227	875.355	4.7193	34.4617	38.278	1483.5	31861	24
22.1413	869.314	876.453	4.7145	34.4622	38.395	1483.5	31885	24
22.158	870.35	877.5	4.7097	34.4629	38.488	1483.5	31909	24
22.1747	871.264	878.424	4.7154	34.4642	38.565	1483.54	31933	24
22.1913	872.134	879.302	4.7163	34.4642	38.682	1483.56	31957	24
22.208	872.988	880.165	4.7138	34.4643	38.671	1483.56	31981	24
22.2247	873.736	880.921	4.7118	34.4643	38.492	1483.57	32005	24
22.2413	874.424	881.616	4.7053	34.4639	38.203	1483.55	32029	24
22.258	875.175	882.374	4.7023	34.4635	37.965	1483.55	32053	24
22.2747	875.962	883.169	4.6994	34.4638	37.876	1483.55	32077	24
22.2913	876.767	883.983	4.7015	34.4646	37.884	1483.58	32101	24
22.308	877.689	884.915	4.6983	34.4648	38.041	1483.58	32125	24
22.3247	878.756	885.992	4.685	34.465	38.196	1483.54	32149	24
22.3413	879.815	887.063	4.6751	34.4667	38.204	1483.52	32173	24
22.358	880.663	887.919	4.6665	34.4676	38.216	1483.5	32197	24
22.3747	881.306	888.57	4.6565	34.4684	38.252	1483.47	32221	24
22.3913	881.967	889.237	4.6526	34.4687	38.337	1483.47	32245	24
22.408	882.768	890.047	4.6519	34.4686	38.378	1483.48	32269	24
22.4247	883.743	891.032	4.6494	34.4687	38.463	1483.48	32293	24
22.4413	884.833	892.133	4.6477	34.4689	38.584	1483.49	32317	24
22.458	885.947	893.259	4.6449	34.469	38.676	1483.5	32341	24
22.4747	887.002	894.325	4.6428	34.4693	38.726	1483.51	32365	24
22.4913	887.931	895.263	4.6418	34.4691	38.798	1483.52	32389	24
22.508	888.691	896.031	4.6413	34.469	38.88	1483.53	32413	24
22.5247	889.313	896.66	4.6403	34.469	38.92	1483.54	32437	24
22.5413	889.923	897.276	4.6391	34.4691	38.972	1483.54	32461	24
22.558	890.672	898.033	4.6374	34.4692	39.02	1483.55	32485	24
22.5747	891.592	898.962	4.6264	34.4696	39.011	1483.52	32509	24
22.5913	892.631	900.013	4.6176	34.4703	39.061	1483.5	32533	24

22.608	893.578	900.969	4.614	34.4716	39.123	1483.51	32557	24
22.6247	894.233	901.631	4.6117	34.4723	39.2	1483.51	32581	24
22.6413	894.786	902.19	4.611	34.4724	39.3	1483.51	32605	24
22.658	895.593	903.005	4.6095	34.4725	39.336	1483.52	32629	24
22.6747	896.68	904.103	4.6027	34.4731	39.36	1483.51	32653	24
22.6913	897.85	905.286	4.6003	34.4732	39.332	1483.52	32677	24
22.708	898.908	906.355	4.599	34.4733	39.279	1483.53	32701	24
22.7247	899.774	907.23	4.5979	34.4731	39.327	1483.54	32725	24
22.7413	900.524	907.988	4.597	34.473	39.368	1483.55	32749	24
22.758	901.342	908.814	4.5959	34.473	39.439	1483.56	32773	24
22.7747	902.284	909.766	4.5946	34.473	39.518	1483.57	32797	24
22.7913	903.189	910.681	4.593	34.473	39.614	1483.58	32821	24
22.808	903.953	911.453	4.5918	34.473	39.704	1483.59	32845	24
22.8247	904.701	912.209	4.5831	34.4733	39.77	1483.56	32869	24
22.8413	905.561	913.078	4.5717	34.4743	39.864	1483.53	32893	24
22.858	906.466	913.992	4.5685	34.4745	39.884	1483.54	32917	24
22.8747	907.317	914.852	4.5664	34.4744	39.89	1483.54	32941	24
22.8913	908.065	915.608	4.5614	34.4749	39.905	1483.53	32965	24
22.908	908.802	916.353	4.5552	34.4758	39.933	1483.52	32989	24
22.9247	909.714	917.274	4.5452	34.4774	39.965	1483.5	33013	24
22.9413	910.843	918.416	4.5396	34.4781	40.067	1483.49	33037	24
22.958	912.023	919.608	4.5362	34.4784	40.058	1483.5	33061	24
22.9747	913.003	920.598	4.5291	34.4789	39.986	1483.49	33085	24
22.9913	913.673	921.275	4.5269	34.4789	39.961	1483.49	33109	24
23.008	914.244	921.852	4.5247	34.479	39.925	1483.49	33133	24
23.0247	914.973	922.589	4.5238	34.4791	39.959	1483.5	33157	24
23.0413	915.909	923.535	4.5235	34.4792	40.079	1483.51	33181	24
23.058	916.966	924.603	4.5231	34.4794	40.134	1483.53	33205	24
23.0747	917.984	925.632	4.5193	34.4801	40.258	1483.53	33229	24
23.0913	918.82	926.476	4.5172	34.4808	40.391	1483.54	33253	24
23.108	919.469	927.132	4.5161	34.4817	40.449	1483.54	33277	24
23.1247	920.08	927.75	4.5153	34.4818	40.49	1483.55	33301	24
23.1413	920.845	928.522	4.514	34.4818	40.544	1483.56	33325	24
23.158	921.821	929.509	4.5073	34.4823	40.604	1483.55	33349	24

23.1747	922.939	930.639	4.5038	34.4822	40.619	1483.55	33373	24
23.1913	924.137	931.85	4.5023	34.4822	40.646	1483.57	33397	24
23.208	925.28	933.005	4.5015	34.4821	40.671	1483.58	33421	24
23.2247	926.148	933.881	4.4991	34.4819	40.672	1483.59	33445	24
23.2413	926.736	934.476	4.4932	34.4818	40.663	1483.57	33469	24
23.258	927.404	935.152	4.4858	34.4818	40.662	1483.55	33493	24
23.2747	928.156	935.911	4.4711	34.484	40.667	1483.5	33517	24
23.2913	928.912	936.675	4.4682	34.4847	40.686	1483.51	33541	24
23.308	929.731	937.503	4.4643	34.4857	40.737	1483.51	33565	24
23.3247	930.627	938.408	4.4618	34.4861	40.841	1483.51	33589	24
23.3413	931.456	939.247	4.4552	34.4867	40.87	1483.5	33613	24
23.358	932.219	940.017	4.4507	34.4872	40.77	1483.49	33637	24
23.3747	933.097	940.904	4.4455	34.4878	40.67	1483.49	33661	24
23.3913	934.054	941.871	4.4394	34.4888	40.59	1483.48	33685	24
23.408	935.033	942.862	4.4377	34.489	40.47	1483.49	33709	24
23.4247	936.069	943.908	4.4363	34.4891	40.356	1483.5	33733	24
23.4413	937.198	945.049	4.4305	34.4894	40.301	1483.49	33757	24
23.458	938.318	946.181	4.4214	34.4894	40.164	1483.48	33781	24
23.4747	939.292	947.166	4.4142	34.4896	40.043	1483.46	33805	24
23.4913	940.053	947.935	4.4113	34.4894	39.965	1483.46	33829	24
23.508	940.552	948.439	4.4084	34.4894	40.001	1483.46	33853	24
23.5247	940.917	948.808	4.4064	34.4894	40.138	1483.46	33877	24
23.5413	941.493	949.391	4.4012	34.4899	40.31	1483.44	33901	24
23.558	942.37	950.277	4.3951	34.4901	40.521	1483.43	33925	24
23.5747	943.481	951.4	4.3783	34.4909	40.69	1483.38	33949	24
23.5913	944.701	952.633	4.3649	34.4918	40.849	1483.35	33973	24
23.608	945.935	953.88	4.3619	34.492	41.065	1483.36	33997	24
23.6247	947.053	955.009	4.3601	34.4919	41.256	1483.37	34021	24
23.6413	947.941	955.906	4.3594	34.4917	41.438	1483.38	34045	24
23.658	948.599	956.573	4.3591	34.4916	41.588	1483.39	34069	24
23.6747	949.122	957.101	4.3588	34.4915	41.646	1483.4	34093	24
23.6913	949.618	957.602	4.358	34.4915	41.717	1483.4	34117	24
23.708	950.323	958.315	4.3559	34.4915	41.778	1483.41	34141	24
23.7247	951.331	959.334	4.3491	34.4922	41.821	1483.39	34165	24

23.7413	952.543	960.559	4.3451	34.4925	41.862	1483.4	34189	24
23.758	953.766	961.794	4.3431	34.4926	41.914	1483.41	34213	24
23.7747	954.892	962.933	4.3347	34.4939	41.952	1483.4	34237	24
23.7913	955.826	963.877	4.3268	34.4948	41.947	1483.38	34261	24
23.808	956.522	964.58	4.3256	34.4947	41.879	1483.39	34285	24
23.8247	957.077	965.141	4.3244	34.4946	41.75	1483.39	34309	24
23.8413	957.632	965.702	4.3237	34.4947	41.644	1483.4	34333	24
23.858	958.229	966.305	4.3235	34.4946	41.574	1483.41	34357	24
23.8747	958.989	967.075	4.3226	34.4946	41.518	1483.42	34381	24
23.8913	960.004	968.1	4.3214	34.4947	41.452	1483.43	34405	24
23.908	961.22	969.329	4.3192	34.4947	41.492	1483.44	34429	24
23.9247	962.544	970.667	4.3118	34.4954	41.488	1483.43	34453	24
23.9413	963.812	971.948	4.3086	34.4956	41.559	1483.44	34477	24
23.958	964.781	972.928	4.3071	34.4955	41.609	1483.45	34501	24
23.9747	965.356	973.51	4.3061	34.4953	41.638	1483.45	34525	24
23.9913	965.812	973.971	4.3034	34.4954	41.643	1483.45	34549	24
24.008	966.475	974.641	4.2856	34.4963	41.689	1483.39	34573	24
24.0247	967.355	975.53	4.2703	34.4977	41.696	1483.34	34597	24
24.0413	968.461	976.648	4.265	34.498	41.714	1483.34	34621	24
24.058	969.642	977.841	4.2565	34.4985	41.827	1483.32	34645	24
24.0747	970.635	978.846	4.2543	34.4986	41.915	1483.33	34669	24
24.0913	971.306	979.524	4.2526	34.4984	42.043	1483.33	34693	24
24.108	971.873	980.097	4.2522	34.4982	42.144	1483.34	34717	24
24.1247	972.549	980.78	4.2509	34.4985	42.211	1483.35	34741	24
24.1413	973.323	981.562	4.2498	34.4984	42.308	1483.36	34765	24
24.158	974.196	982.446	4.2491	34.4985	42.369	1483.37	34789	24
24.1747	975.135	983.394	4.2488	34.4983	42.399	1483.38	34813	24
24.1913	976.185	984.455	4.2471	34.4984	42.462	1483.39	34837	24
24.208	977.356	985.64	4.2452	34.4986	42.489	1483.41	34861	24
24.2247	978.491	986.787	4.2426	34.4988	42.492	1483.41	34885	24
24.2413	979.339	987.644	4.2418	34.4988	42.504	1483.43	34909	24
24.258	979.877	988.188	4.2407	34.4986	42.576	1483.43	34933	24
24.2747	980.469	988.785	4.2395	34.4988	42.568	1483.43	34957	24
24.2913	981.287	989.614	4.2381	34.4988	42.58	1483.44	34981	24

24.308	982.257	990.594	4.2366	34.4988	42.587	1483.45	35005	24
24.3247	983.247	991.595	4.2312	34.4993	42.642	1483.45	35029	24
24.3413	984.125	992.481	4.2286	34.4998	42.655	1483.45	35053	24
24.358	984.943	993.309	4.2281	34.4998	42.661	1483.46	35077	24
24.3747	985.872	994.248	4.2278	34.4999	42.685	1483.48	35101	24
24.3913	986.887	995.274	4.2265	34.4997	42.698	1483.49	35125	24
24.408	987.872	996.27	4.2239	34.4999	42.7	1483.49	35149	24
24.4247	988.809	997.217	4.2224	34.4998	42.689	1483.5	35173	24
24.4413	989.706	998.124	4.22	34.4996	42.684	1483.51	35197	24
24.458	990.477	998.903	4.2177	34.4997	42.728	1483.51	35221	24
24.4747	991.142	999.576	4.2171	34.4996	42.776	1483.52	35245	24
24.4913	991.978	1000.421	4.2158	34.4997	42.85	1483.53	35269	24
24.508	993.095	1001.55	4.2135	34.5	42.883	1483.54	35293	24
24.5247	994.222	1002.688	4.2099	34.5004	42.918	1483.54	35317	24
24.5413	995.039	1003.515	4.2063	34.5006	42.963	1483.54	35341	24
24.558	995.516	1003.997	4.2033	34.5009	43.024	1483.54	35365	24
24.5747	996.013	1004.5	4.1997	34.5012	42.988	1483.53	35389	24
24.5913	996.73	1005.224	4.1953	34.5016	43.088	1483.52	35413	24
24.608	997.663	1006.168	4.192	34.5018	43.091	1483.53	35437	24
24.6247	998.772	1007.289	4.188	34.502	43.12	1483.53	35461	24
24.6413	999.952	1008.481	4.185	34.5021	43.13	1483.54	35485	24
24.658	1001.093	1009.635	4.1819	34.502	43.208	1483.54	35509	24
24.6747	1002.107	1010.661	4.1705	34.5031	43.281	1483.51	35533	24
24.6913	1002.924	1011.487	4.1663	34.5035	43.308	1483.51	35557	24
24.708	1003.524	1012.092	4.1663	34.5033	43.325	1483.52	35581	24
24.7247	1004.074	1012.649	4.1652	34.5033	43.427	1483.52	35605	24
24.7413	1004.748	1013.33	4.1646	34.5033	43.481	1483.53	35629	24
24.758	1005.627	1014.219	4.1635	34.5031	43.531	1483.54	35653	24
24.7747	1006.717	1015.321	4.1629	34.5033	43.575	1483.56	35677	24
24.7913	1007.904	1016.521	4.1625	34.5033	43.638	1483.58	35701	24
24.808	1009	1017.629	4.1625	34.5032	43.657	1483.59	35725	24
24.8247	1009.903	1018.543	4.1621	34.5032	43.662	1483.61	35749	24
24.8413	1010.715	1019.363	4.162	34.5031	43.692	1483.62	35773	24
24.858	1011.594	1020.252	4.1617	34.5032	43.71	1483.63	35797	24

24.8747	1012.531	1021.199	4.1618	34.5031	43.728	1483.65	35821	24
24.8913	1013.344	1022.021	4.1618	34.5031	43.782	1483.66	35845	24
24.908	1013.913	1022.596	4.1617	34.5029	43.773	1483.67	35869	24
24.9247	1014.512	1023.202	4.1614	34.503	43.783	1483.68	35893	24
24.9413	1015.395	1024.094	4.1589	34.5035	43.816	1483.69	35917	24
24.958	1016.491	1025.202	4.1503	34.5037	43.813	1483.67	35941	24
24.9747	1017.526	1026.249	4.1417	34.5044	43.809	1483.65	35965	24
24.9913	1018.303	1027.035	4.1409	34.5044	43.827	1483.66	35989	24
25.008	1018.973	1027.712	4.1406	34.5043	43.875	1483.67	36013	24
25.0247	1019.794	1028.543	4.1399	34.5043	43.899	1483.68	36037	24
25.0413	1020.866	1029.626	4.1374	34.5046	43.988	1483.69	36061	24
25.058	1022.11	1030.883	4.1343	34.5047	44.042	1483.7	36085	24
25.0747	1023.331	1032.118	4.13	34.5045	44.073	1483.7	36109	24
25.0913	1024.315	1033.113	4.1177	34.5047	44.123	1483.67	36133	24
25.108	1025.003	1033.809	4.109	34.5051	44.21	1483.64	36157	24
25.1247	1025.597	1034.409	4.105	34.505	44.249	1483.64	36181	24
25.1413	1026.279	1035.099	4.0986	34.5053	44.328	1483.62	36205	24
25.158	1027.112	1035.942	4.0921	34.5058	44.451	1483.61	36229	24
25.1747	1028.093	1036.933	4.0902	34.506	44.564	1483.61	36253	24
25.1913	1029.082	1037.933	4.0898	34.5062	44.688	1483.63	36277	24
25.208	1029.898	1038.758	4.0918	34.5073	44.796	1483.65	36301	24
25.2247	1030.526	1039.393	4.0941	34.508	44.915	1483.68	36325	24
25.2413	1031.197	1040.072	4.0911	34.5084	44.984	1483.67	36349	24
25.258	1032.095	1040.98	4.0858	34.509	45.007	1483.67	36373	24
25.2747	1033.201	1042.098	4.0791	34.5101	44.941	1483.66	36397	24
25.2913	1034.329	1043.238	4.075	34.5111	44.896	1483.66	36421	24
25.308	1035.326	1044.247	4.0712	34.5112	44.869	1483.66	36445	24
25.3247	1036.198	1045.128	4.0676	34.5113	44.835	1483.66	36469	24
25.3413	1037.032	1045.972	4.0665	34.5113	44.798	1483.67	36493	24
25.358	1037.849	1046.798	4.0656	34.5114	44.81	1483.68	36517	24
25.3747	1038.631	1047.588	4.065	34.5113	44.809	1483.69	36541	24
25.3913	1039.296	1048.261	4.0648	34.5112	44.813	1483.7	36565	24
25.408	1039.902	1048.873	4.0646	34.5112	44.836	1483.71	36589	24
25.4247	1040.648	1049.628	4.0639	34.5112	44.841	1483.72	36613	24

25.4413	1041.609	1050.6	4.0636	34.5113	44.847	1483.74	36637	24
25.458	1042.745	1051.748	4.0625	34.5111	44.849	1483.75	36661	24
25.4747	1043.929	1052.946	4.0598	34.5112	44.872	1483.76	36685	24
25.4913	1045.076	1054.106	4.0563	34.5113	44.895	1483.76	36709	24
25.508	1046.102	1055.143	4.051	34.5116	44.907	1483.76	36733	24
25.5247	1046.992	1056.043	4.0471	34.5119	44.935	1483.76	36757	24
25.5413	1047.8	1056.86	4.043	34.512	44.982	1483.75	36781	24
25.558	1048.575	1057.644	4.0366	34.5123	45.025	1483.74	36805	24
25.5747	1049.28	1058.356	4.0284	34.5125	45.069	1483.72	36829	24
25.5913	1049.878	1058.961	4.0182	34.5127	45.115	1483.68	36853	24
25.608	1050.526	1059.617	4.0143	34.5128	45.216	1483.68	36877	24
25.6246	1051.352	1060.452	4.0091	34.5131	45.308	1483.67	36901	24
25.6413	1052.353	1061.464	4.0013	34.5138	45.472	1483.66	36925	24
25.658	1053.377	1062.499	3.9954	34.5143	45.578	1483.65	36949	24
25.6747	1054.221	1063.353	3.9853	34.5147	45.775	1483.62	36973	24
25.6913	1054.873	1064.012	3.978	34.5148	45.887	1483.6	36997	24
25.708	1055.613	1064.761	3.9701	34.5153	45.975	1483.58	37021	24
25.7247	1056.618	1065.777	3.9658	34.5155	46.135	1483.58	37045	24
25.7413	1057.868	1067.041	3.9656	34.5154	46.231	1483.6	37069	24
25.758	1059.104	1068.29	3.9648	34.5153	46.37	1483.62	37093	24
25.7747	1060.008	1069.205	3.9647	34.5151	46.538	1483.63	37117	24
25.7913	1060.61	1069.814	3.9648	34.5149	46.611	1483.65	37141	24
25.808	1061.294	1070.505	3.9645	34.5149	46.703	1483.65	37165	24
25.8247	1062.127	1071.347	3.9644	34.5149	46.752	1483.67	37189	24
25.8413	1062.957	1072.187	3.9608	34.5148	46.824	1483.67	37213	24
25.858	1063.706	1072.944	3.9558	34.5152	46.79	1483.66	37237	24
25.8746	1064.522	1073.77	3.9526	34.5154	46.868	1483.66	37261	24
25.8913	1065.542	1074.801	3.9481	34.5156	46.942	1483.66	37285	24
25.908	1066.721	1075.993	3.939	34.5159	47.041	1483.64	37309	24
25.9247	1067.95	1077.236	3.9318	34.5166	47.094	1483.63	37333	24
25.9413	1069.084	1078.383	3.9308	34.5165	47.128	1483.65	37357	24
25.958	1069.959	1079.268	3.9302	34.5162	47.209	1483.66	37381	24
25.9747	1070.606	1079.922	3.9284	34.5163	47.265	1483.66	37405	24
25.9913	1071.222	1080.545	3.9245	34.5164	47.336	1483.66	37429	24

26.008	1071.867	1081.198	3.9167	34.5169	47.412	1483.63	37453	24
26.0247	1072.525	1081.863	3.9143	34.5171	47.431	1483.64	37477	24
26.0413	1073.302	1082.649	3.9137	34.5171	47.468	1483.64	37501	24
26.058	1074.263	1083.621	3.9133	34.517	47.519	1483.66	37525	24
26.0747	1075.327	1084.696	3.9128	34.517	47.576	1483.67	37549	24
26.0913	1076.359	1085.74	3.9118	34.517	47.603	1483.69	37573	24
26.108	1077.295	1086.687	3.9107	34.517	47.635	1483.7	37597	24
26.1246	1078.111	1087.512	3.9098	34.517	47.642	1483.71	37621	24
26.1413	1078.892	1088.302	3.9086	34.5171	47.654	1483.72	37645	24
26.158	1079.772	1089.192	3.907	34.5173	47.699	1483.73	37669	24
26.1747	1080.742	1090.173	3.905	34.5173	47.739	1483.73	37693	24
26.1913	1081.726	1091.168	3.9035	34.5174	47.716	1483.74	37717	24
26.208	1082.703	1092.156	3.8976	34.5178	47.76	1483.74	37741	24
26.2247	1083.621	1093.085	3.8944	34.5183	47.757	1483.74	37765	24
26.2413	1084.425	1093.898	3.8944	34.5181	47.756	1483.75	37789	24
26.258	1085.205	1094.687	3.8944	34.5181	47.768	1483.77	37813	24
26.2747	1086.017	1095.507	3.894	34.518	47.723	1483.78	37837	24
26.2913	1086.781	1096.281	3.8892	34.5184	47.759	1483.77	37861	24
26.308	1087.477	1096.985	3.8818	34.5189	47.803	1483.75	37885	24
26.3247	1088.264	1097.78	3.8785	34.5192	47.825	1483.75	37909	24
26.3413	1089.234	1098.762	3.8758	34.5192	47.834	1483.76	37933	24
26.358	1090.41	1099.951	3.871	34.5195	47.847	1483.76	37957	24
26.3746	1091.657	1101.213	3.8662	34.52	47.898	1483.76	37981	24
26.3913	1092.705	1102.273	3.8645	34.5199	47.92	1483.77	38005	24
26.408	1093.372	1102.947	3.8628	34.52	47.932	1483.77	38029	24
26.4247	1093.969	1103.551	3.8615	34.5201	47.988	1483.78	38053	24
26.4413	1094.775	1104.366	3.8597	34.5201	47.989	1483.78	38077	24
26.458	1095.678	1105.279	3.8569	34.5203	47.992	1483.78	38101	24
26.4747	1096.569	1106.18	3.8543	34.5204	48.07	1483.79	38125	24
26.4913	1097.382	1107.003	3.8519	34.5206	48.097	1483.79	38149	24
26.508	1098.071	1107.699	3.8514	34.5205	48.121	1483.8	38173	24
26.5247	1098.729	1108.365	3.8502	34.5206	48.127	1483.81	38197	24
26.5413	1099.504	1109.148	3.8478	34.5207	48.16	1483.81	38221	24
26.558	1100.458	1110.114	3.8457	34.5208	48.149	1483.82	38245	24

26.5747	1101.616	1111.285	3.8415	34.5212	48.181	1483.82	38269	24
26.5913	1102.911	1112.595	3.834	34.5216	48.204	1483.81	38293	24
26.608	1104.2	1113.898	3.8307	34.5218	48.204	1483.82	38317	24
26.6246	1105.26	1114.971	3.8284	34.5219	48.251	1483.83	38341	24
26.6413	1106.032	1115.751	3.8284	34.5218	48.25	1483.84	38365	24
26.658	1106.673	1116.4	3.8286	34.5216	48.323	1483.85	38389	24
26.6747	1107.342	1117.076	3.8286	34.5217	48.359	1483.86	38413	24
26.6913	1108.086	1117.83	3.8285	34.5218	48.383	1483.88	38437	24
26.708	1108.901	1118.654	3.8286	34.5216	48.42	1483.89	38461	24
26.7247	1109.739	1119.502	3.8284	34.5216	48.476	1483.9	38485	24
26.7413	1110.542	1120.313	3.8286	34.5216	48.5	1483.92	38509	24
26.758	1111.353	1121.134	3.8285	34.5215	48.518	1483.93	38533	24
26.7747	1112.25	1122.041	3.8271	34.5217	48.501	1483.94	38557	24
26.7913	1113.271	1123.073	3.8268	34.5217	48.526	1483.95	38581	24
26.808	1114.363	1124.178	3.8271	34.5218	48.54	1483.97	38605	24
26.8247	1115.368	1125.195	3.827	34.5217	48.534	1483.99	38629	24
26.8413	1116.183	1126.019	3.8244	34.5216	48.53	1483.99	38653	24
26.858	1116.905	1126.749	3.8242	34.5217	48.522	1484.01	38677	24
26.8746	1117.684	1127.537	3.8221	34.5217	48.542	1484.01	38701	24
26.8913	1118.614	1128.479	3.819	34.5218	48.571	1484.01	38725	24
26.908	1119.669	1129.545	3.805	34.5228	48.632	1483.97	38749	24
26.9247	1120.708	1130.596	3.7981	34.5233	48.666	1483.96	38773	24
26.9413	1121.604	1131.503	3.79	34.5238	48.688	1483.94	38797	24
26.958	1122.289	1132.196	3.7834	34.5241	48.814	1483.93	38821	24
26.9747	1122.841	1132.754	3.7797	34.5244	48.91	1483.92	38845	24
26.9913	1123.51	1133.43	3.7772	34.5247	48.999	1483.92	38869	24
27.008	1124.408	1134.34	3.7758	34.5247	49.07	1483.93	38893	24
27.0247	1125.531	1135.475	3.774	34.5247	49.143	1483.94	38917	24
27.0413	1126.808	1136.767	3.7663	34.5253	49.224	1483.93	38941	24
27.058	1128.076	1138.05	3.7551	34.5263	49.302	1483.91	38965	24
27.0747	1129.139	1139.126	3.7501	34.5268	49.341	1483.91	38989	24
27.0913	1129.955	1139.951	3.7494	34.5267	49.373	1483.91	39013	24
27.108	1130.566	1140.569	3.7494	34.5265	49.408	1483.93	39037	24
27.1246	1131.071	1141.08	3.7497	34.5264	49.462	1483.93	39061	24

27.1413	1131.715	1141.731	3.7498	34.5264	49.511	1483.95	39085	24
27.158	1132.513	1142.538	3.75	34.5263	49.56	1483.96	39109	24
27.1747	1133.345	1143.38	3.7485	34.5264	49.606	1483.97	39133	24
27.1913	1134.255	1144.3	3.7477	34.5264	49.594	1483.98	39157	24
27.208	1135.358	1145.416	3.7421	34.5268	49.614	1483.98	39181	24
27.2247	1136.601	1146.674	3.7376	34.5273	49.634	1483.98	39205	24
27.2413	1137.815	1147.902	3.7356	34.5273	49.619	1483.99	39229	24
27.258	1138.805	1148.903	3.734	34.5275	49.609	1484	39253	24
27.2747	1139.484	1149.59	3.7336	34.5273	49.633	1484.01	39277	24
27.2913	1139.88	1149.991	3.7335	34.5272	49.636	1484.02	39301	24
27.308	1140.374	1150.49	3.7327	34.5272	49.666	1484.02	39325	24
27.3247	1141.223	1151.349	3.7311	34.5274	49.756	1484.03	39349	24
27.3413	1142.324	1152.463	3.724	34.5278	49.791	1484.02	39373	24
27.358	1143.527	1153.68	3.7186	34.5284	49.811	1484.01	39397	24
27.3746	1144.677	1154.844	3.7115	34.5288	49.872	1484	39421	24
27.3913	1145.646	1155.824	3.7087	34.5291	49.888	1484.01	39445	24
27.408	1146.472	1156.66	3.707	34.5289	49.934	1484.02	39469	24
27.4247	1147.298	1157.495	3.7028	34.5292	49.983	1484.01	39493	24
27.4413	1148.15	1158.357	3.6987	34.5297	50.032	1484.01	39517	24
27.458	1148.96	1159.177	3.6974	34.5296	50.077	1484.02	39541	24
27.4747	1149.73	1159.956	3.6962	34.5296	50.147	1484.03	39565	24
27.4913	1150.578	1160.814	3.6962	34.5296	50.21	1484.04	39589	24
27.508	1151.575	1161.823	3.6952	34.5296	50.25	1484.05	39613	24
27.5247	1152.692	1162.952	3.6949	34.5297	50.29	1484.07	39637	24
27.5413	1153.715	1163.987	3.6904	34.5299	50.353	1484.07	39661	24
27.558	1154.417	1164.697	3.6889	34.5301	50.353	1484.08	39685	24
27.5747	1154.885	1165.171	3.6889	34.5298	50.389	1484.08	39709	24
27.5913	1155.59	1165.885	3.6877	34.53	50.376	1484.09	39733	24
27.608	1156.589	1166.895	3.6871	34.5301	50.396	1484.1	39757	24
27.6246	1157.693	1168.012	3.6853	34.5303	50.431	1484.11	39781	24
27.6413	1158.756	1169.088	3.6808	34.5304	50.457	1484.11	39805	24
27.658	1159.793	1170.137	3.6733	34.5311	50.518	1484.1	39829	24
27.6747	1160.874	1171.231	3.6708	34.5312	50.528	1484.11	39853	24
27.6913	1161.923	1172.292	3.6701	34.5313	50.562	1484.12	39877	24

27.708	1162.72	1173.098	3.6698	34.5312	50.606	1484.13	39901	24
27.7247	1163.142	1173.525	3.6694	34.5309	50.635	1484.14	39925	24
27.7413	1163.551	1173.938	3.6695	34.531	50.676	1484.15	39949	24
27.758	1164.359	1174.756	3.6687	34.531	50.689	1484.16	39973	24
27.7747	1165.409	1175.818	3.6674	34.5312	50.685	1484.17	39997	24
27.7913	1166.544	1176.967	3.6513	34.5323	50.756	1484.12	40021	24
27.808	1167.629	1178.064	3.6437	34.5331	50.767	1484.11	40045	24
27.8247	1168.615	1179.062	3.6404	34.533	50.797	1484.11	40069	24
27.8413	1169.568	1180.026	3.6361	34.5335	50.847	1484.11	40093	24
27.858	1170.534	1181.004	3.6334	34.5335	50.876	1484.11	40117	24
27.8746	1171.381	1181.861	3.6324	34.5335	50.953	1484.13	40141	24
27.8913	1171.966	1182.453	3.6323	34.5334	51.028	1484.13	40165	24
27.908	1172.34	1182.831	3.6315	34.5333	51.057	1484.14	40189	24
27.9247	1172.933	1183.431	3.631	34.5333	51.113	1484.15	40213	24
27.9413	1173.875	1184.384	3.6289	34.5335	51.186	1484.15	40237	24
27.958	1175.092	1185.615	3.6286	34.5336	51.22	1484.17	40261	24
27.9747	1176.416	1186.955	3.6281	34.5337	51.23	1484.19	40285	24
27.9913	1177.641	1188.194	3.628	34.5334	51.284	1484.21	40309	24
28.008	1178.673	1189.239	3.6271	34.5335	51.266	1484.22	40333	24
28.0247	1179.578	1190.155	3.6261	34.5336	51.357	1484.24	40357	24
28.0413	1180.436	1191.023	3.6257	34.5336	51.357	1484.25	40381	24
28.058	1181.215	1191.811	3.6253	34.5336	51.382	1484.26	40405	24
28.0747	1181.896	1192.5	3.6252	34.5335	51.394	1484.27	40429	24
28.0913	1182.54	1193.152	3.625	34.5335	51.411	1484.28	40453	24
28.108	1183.246	1193.866	3.6247	34.5335	51.423	1484.29	40477	24
28.1246	1184.161	1194.791	3.6221	34.5337	51.439	1484.3	40501	24
28.1413	1185.298	1195.942	3.6192	34.5341	51.438	1484.3	40525	24
28.158	1186.528	1197.187	3.616	34.5343	51.456	1484.31	40549	24
28.1747	1187.597	1198.269	3.6144	34.5343	51.46	1484.32	40573	24
28.1913	1188.353	1199.034	3.6134	34.5343	51.498	1484.33	40597	24
28.208	1188.9	1199.587	3.6121	34.5341	51.529	1484.33	40621	24
28.2247	1189.576	1200.271	3.6066	34.5346	51.599	1484.32	40645	24
28.2413	1190.494	1201.2	3.6004	34.5351	51.651	1484.31	40669	24
28.258	1191.552	1202.271	3.5933	34.5356	51.693	1484.3	40693	24

28.2747	1192.62	1203.351	3.5859	34.5361	51.774	1484.29	40717	24
28.2913	1193.629	1204.372	3.5837	34.5363	51.822	1484.3	40741	24
28.308	1194.559	1205.313	3.582	34.5362	51.876	1484.3	40765	24
28.3247	1195.367	1206.131	3.5803	34.5363	51.96	1484.31	40789	24
28.3413	1196.053	1206.826	3.5797	34.5362	52.056	1484.32	40813	24
28.358	1196.757	1207.538	3.5792	34.5361	52.158	1484.33	40837	24
28.3746	1197.604	1208.394	3.5747	34.5365	52.221	1484.32	40861	24
28.3913	1198.529	1209.33	3.5717	34.5368	52.269	1484.33	40885	24
28.408	1199.431	1210.244	3.5701	34.5367	52.374	1484.34	40909	24
28.4247	1200.335	1211.158	3.5641	34.5372	52.427	1484.33	40933	24
28.4413	1201.313	1212.148	3.5591	34.5374	52.446	1484.32	40957	24
28.458	1202.482	1213.331	3.5538	34.5377	52.487	1484.32	40981	24
28.4747	1203.772	1214.636	3.5449	34.5383	52.565	1484.3	41005	24
28.4913	1204.904	1215.782	3.5353	34.5388	52.618	1484.28	41029	24
28.508	1205.698	1216.585	3.5263	34.5393	52.654	1484.26	41053	24
28.5247	1206.315	1217.209	3.5212	34.5395	52.813	1484.25	41077	24
28.5413	1207.015	1217.917	3.5186	34.5396	52.918	1484.25	41101	24
28.558	1207.805	1218.717	3.5162	34.5397	53.068	1484.25	41125	24
28.5747	1208.593	1219.516	3.5148	34.5396	53.153	1484.26	41149	24
28.5913	1209.317	1220.248	3.5132	34.5396	53.302	1484.27	41173	24
28.608	1210.021	1220.96	3.5105	34.5399	53.42	1484.27	41197	24
28.6246	1210.831	1221.779	3.509	34.5398	53.518	1484.27	41221	24
28.6413	1211.79	1222.75	3.5072	34.54	53.617	1484.28	41245	24
28.658	1212.815	1223.788	3.5066	34.5399	53.677	1484.3	41269	24
28.6747	1213.836	1224.821	3.506	34.54	53.756	1484.31	41293	24
28.6913	1214.878	1225.875	3.5058	34.5399	53.809	1484.33	41317	24
28.708	1215.984	1226.995	3.5055	34.54	53.818	1484.35	41341	24
28.7247	1217.11	1228.134	3.5048	34.5399	53.84	1484.36	41365	24
28.7413	1218.157	1229.193	3.5044	34.5399	53.893	1484.38	41389	24
28.758	1219.019	1230.066	3.5037	34.54	53.881	1484.39	41413	24
28.7747	1219.688	1230.743	3.5036	34.5398	53.899	1484.4	41437	24
28.7913	1220.345	1231.408	3.5034	34.5398	53.943	1484.41	41461	24
28.808	1221.132	1232.204	3.5033	34.5398	54	1484.42	41485	24
28.8247	1221.996	1233.079	3.5031	34.54	53.981	1484.44	41509	24

28.8413	1222.881	1233.975	3.5007	34.5399	54.004	1484.44	41533	24
28.858	1223.731	1234.835	3.497	34.5403	54.002	1484.44	41557	24
28.8746	1224.539	1235.653	3.4968	34.5404	54.034	1484.45	41581	24
28.8913	1225.455	1236.579	3.4967	34.5402	54.034	1484.47	41605	24
28.908	1226.5	1237.637	3.4965	34.5402	54.074	1484.48	41629	24
28.9247	1227.578	1238.728	3.4962	34.5403	54.063	1484.5	41653	24
28.9413	1228.641	1239.804	3.4935	34.5404	54.101	1484.51	41677	24
28.958	1229.666	1240.841	3.4918	34.5404	54.117	1484.52	41701	24
28.9747	1230.606	1241.792	3.4905	34.5406	54.138	1484.53	41725	24
28.9913	1231.397	1242.593	3.4902	34.5405	54.183	1484.54	41749	24
29.008	1231.975	1243.178	3.4897	34.5404	54.214	1484.55	41773	24
29.0247	1232.466	1243.675	3.4894	34.5405	54.218	1484.55	41797	24
29.0413	1233.277	1244.496	3.489	34.5406	54.173	1484.57	41821	24
29.058	1234.442	1245.675	3.4882	34.5407	54.144	1484.58	41845	24
29.0747	1235.717	1246.965	3.4872	34.5409	54.129	1484.6	41869	24
29.0913	1236.794	1248.055	3.4874	34.5407	54.169	1484.62	41893	24
29.108	1237.52	1248.791	3.4873	34.5407	54.213	1484.63	41917	24
29.1246	1238.034	1249.31	3.4874	34.5406	54.23	1484.64	41941	24
29.1413	1238.699	1249.983	3.4869	34.5408	54.248	1484.65	41965	24
29.158	1239.618	1250.913	3.4859	34.5408	54.276	1484.66	41989	24
29.1747	1240.708	1252.016	3.4844	34.541	54.312	1484.67	42013	24
29.1913	1241.771	1253.092	3.4808	34.5412	54.305	1484.67	42037	24
29.208	1242.691	1254.024	3.4769	34.5416	54.278	1484.67	42061	24
29.2247	1243.612	1254.956	3.4753	34.5416	54.319	1484.68	42085	24
29.2413	1244.584	1255.94	3.4736	34.5417	54.283	1484.69	42109	24
29.258	1245.574	1256.942	3.4687	34.5419	54.297	1484.69	42133	24
29.2747	1246.542	1257.922	3.4623	34.5424	54.345	1484.68	42157	24
29.2913	1247.395	1258.785	3.456	34.5427	54.398	1484.67	42181	24
29.308	1248.064	1259.462	3.4515	34.5428	54.454	1484.66	42205	24
29.3247	1248.626	1260.031	3.4492	34.5429	54.546	1484.66	42229	24
29.3413	1249.296	1260.709	3.4463	34.5429	54.607	1484.66	42253	24
29.358	1250.165	1261.588	3.4401	34.5435	54.719	1484.65	42277	24
29.3746	1251.209	1262.645	3.4345	34.5437	54.825	1484.64	42301	24
29.3913	1252.389	1263.84	3.4303	34.5442	54.923	1484.64	42325	24

29.408	1253.613	1265.078	3.4249	34.5446	55.017	1484.64	42349	24
29.4247	1254.732	1266.211	3.4233	34.5445	55.093	1484.65	42373	24
29.4413	1255.662	1267.152	3.4211	34.5446	55.135	1484.66	42397	24
29.458	1256.417	1267.917	3.4196	34.5446	55.201	1484.67	42421	24
29.4747	1257.034	1268.541	3.4187	34.5446	55.188	1484.67	42445	24
29.4913	1257.636	1269.15	3.4189	34.5446	55.263	1484.68	42469	24
29.508	1258.397	1269.92	3.4179	34.545	55.283	1484.69	42493	24
29.5247	1259.328	1270.863	3.4172	34.5452	55.324	1484.7	42517	24
29.5413	1260.355	1271.903	3.4148	34.5454	55.321	1484.71	42541	24
29.558	1261.429	1272.99	3.4112	34.5457	55.347	1484.72	42565	24
29.5747	1262.438	1274.011	3.4093	34.5459	55.312	1484.72	42589	24
29.5913	1263.324	1274.909	3.4086	34.5458	55.281	1484.74	42613	24
29.608	1264.213	1275.809	3.4078	34.5459	55.288	1484.75	42637	24
29.6246	1265.233	1276.84	3.4072	34.5459	55.29	1484.76	42661	24
29.6413	1266.321	1277.942	3.4066	34.546	55.299	1484.78	42685	24
29.658	1267.313	1278.946	3.4049	34.5461	55.27	1484.79	42709	24
29.6747	1268.089	1279.732	3.4038	34.5461	55.31	1484.8	42733	24
29.6913	1268.666	1280.316	3.4035	34.546	55.269	1484.81	42757	24
29.708	1269.24	1280.897	3.4028	34.5459	55.281	1484.81	42781	24
29.7247	1270.04	1281.706	3.4015	34.5462	55.302	1484.82	42805	24
29.7413	1271.006	1282.685	3.3999	34.5463	55.292	1484.83	42829	24
29.758	1272.008	1283.699	3.3992	34.5463	55.307	1484.84	42853	24
29.7747	1273.013	1284.715	3.3988	34.5464	55.295	1484.86	42877	24
29.7913	1274.014	1285.73	3.3957	34.5466	55.307	1484.86	42901	24
29.808	1275.01	1286.737	3.3924	34.5466	55.319	1484.87	42925	24
29.8247	1275.975	1287.715	3.3857	34.5472	55.368	1484.85	42949	24
29.8413	1276.923	1288.674	3.3838	34.5472	55.364	1484.86	42973	24
29.858	1277.896	1289.66	3.3787	34.5476	55.404	1484.86	42997	24
29.8746	1278.923	1290.699	3.3748	34.5478	55.457	1484.86	43021	24
29.8913	1279.958	1291.746	3.3724	34.548	55.539	1484.87	43045	24
29.908	1280.853	1292.653	3.3712	34.5481	55.567	1484.88	43069	24
29.9247	1281.483	1293.29	3.3706	34.548	55.658	1484.88	43093	24
29.9413	1281.994	1293.807	3.3705	34.5479	55.714	1484.89	43117	24
29.958	1282.691	1294.513	3.3702	34.5478	55.739	1484.9	43141	24

29.9747	1283.606	1295.439	3.3695	34.5479	55.799	1484.91	43165	24
29.9913	1284.654	1296.5	3.369	34.548	55.841	1484.93	43189	24
30.008	1285.716	1297.575	3.3679	34.548	55.857	1484.94	43213	24
30.0247	1286.708	1298.58	3.3662	34.5482	55.912	1484.95	43237	24
30.0413	1287.638	1299.521	3.3642	34.5483	55.922	1484.96	43261	24
30.058	1288.622	1300.517	3.3635	34.5483	55.944	1484.97	43285	24
30.0747	1289.663	1301.571	3.3635	34.5483	55.945	1484.99	43309	24
30.0913	1290.696	1302.617	3.3634	34.5483	55.96	1485.01	43333	24
30.108	1291.663	1303.596	3.3629	34.5483	55.968	1485.02	43357	24
30.1247	1292.439	1304.381	3.3614	34.5483	55.976	1485.03	43381	24
30.1413	1292.978	1304.927	3.3594	34.5484	55.982	1485.03	43405	24
30.158	1293.576	1305.532	3.3573	34.5487	56.003	1485.03	43429	24
30.1747	1294.466	1306.434	3.3555	34.5487	56.006	1485.04	43453	24
30.1913	1295.56	1307.541	3.3477	34.5493	56.037	1485.02	43477	24
30.208	1296.725	1308.72	3.344	34.5497	56.038	1485.03	43501	24
30.2247	1297.847	1309.857	3.3432	34.5497	56.074	1485.04	43525	24
30.2413	1298.826	1310.848	3.3431	34.5495	56.102	1485.06	43549	24
30.258	1299.69	1311.722	3.3431	34.5495	56.174	1485.07	43573	24
30.2747	1300.57	1312.613	3.3417	34.5495	56.248	1485.08	43597	24
30.2913	1301.505	1313.559	3.3393	34.5496	56.297	1485.09	43621	24
30.308	1302.376	1314.442	3.337	34.5498	56.34	1485.09	43645	24
30.3247	1303.118	1315.193	3.3298	34.5503	56.395	1485.08	43669	24
30.3413	1303.873	1315.957	3.3243	34.5508	56.395	1485.07	43693	24
30.358	1304.786	1316.881	3.3229	34.5506	56.41	1485.08	43717	24
30.3747	1305.779	1317.887	3.3206	34.5509	56.428	1485.08	43741	24
30.3913	1306.716	1318.836	3.3203	34.5508	56.494	1485.1	43765	24
30.408	1307.549	1319.679	3.3203	34.5506	56.573	1485.11	43789	24
30.4247	1308.368	1320.509	3.3196	34.5507	56.633	1485.12	43813	24
30.4413	1309.28	1321.432	3.3174	34.5509	56.662	1485.13	43837	24
30.458	1310.275	1322.439	3.3166	34.5509	56.763	1485.14	43861	24
30.4747	1311.316	1323.492	3.3161	34.551	56.791	1485.16	43885	24
30.4913	1312.374	1324.564	3.3153	34.5509	56.807	1485.17	43909	24
30.508	1313.42	1325.624	3.3147	34.5511	56.849	1485.19	43933	24
30.5247	1314.427	1326.642	3.3144	34.5509	56.883	1485.2	43957	24

30.5413	1315.338	1327.565	3.3126	34.5511	56.886	1485.21	43981	24
30.558	1316.104	1328.34	3.3106	34.5512	56.928	1485.22	44005	24
30.5747	1316.796	1329.041	3.3093	34.5512	56.955	1485.22	44029	24
30.5913	1317.585	1329.84	3.308	34.5515	56.969	1485.23	44053	24
30.608	1318.539	1330.806	3.3073	34.5515	57.01	1485.24	44077	24
30.6247	1319.553	1331.833	3.3056	34.5516	57.014	1485.25	44101	24
30.6413	1320.514	1332.806	3.303	34.5517	57.051	1485.26	44125	24
30.658	1321.379	1333.682	3.2994	34.5518	57.056	1485.26	44149	24
30.6747	1322.16	1334.472	3.295	34.5522	57.082	1485.25	44173	24
30.6913	1323.004	1335.327	3.2918	34.5525	57.093	1485.25	44197	24
30.708	1324.088	1336.425	3.2888	34.5526	57.145	1485.26	44221	24
30.7247	1325.335	1337.688	3.2832	34.5531	57.195	1485.26	44245	24
30.7413	1326.474	1338.841	3.2741	34.5537	57.289	1485.23	44269	24
30.758	1327.248	1339.624	3.2714	34.554	57.318	1485.24	44293	24
30.7747	1327.713	1340.095	3.2707	34.5539	57.382	1485.24	44317	24
30.7913	1328.348	1340.738	3.27	34.5539	57.487	1485.25	44341	24
30.808	1329.298	1341.7	3.2691	34.554	57.555	1485.26	44365	24
30.8247	1330.369	1342.784	3.268	34.5542	57.565	1485.28	44389	24
30.8413	1331.326	1343.754	3.2659	34.5544	57.634	1485.29	44413	24
30.858	1332.027	1344.463	3.2649	34.5543	57.674	1485.29	44437	24
30.8747	1332.703	1345.148	3.2646	34.5543	57.68	1485.3	44461	24
30.8913	1333.707	1346.165	3.2639	34.5543	57.689	1485.32	44485	24
30.908	1335.009	1347.483	3.2612	34.5547	57.703	1485.33	44509	24
30.9247	1336.363	1348.853	3.2584	34.5547	57.717	1485.34	44533	24
30.9413	1337.445	1349.95	3.2548	34.5549	57.731	1485.34	44557	24
30.958	1338.084	1350.596	3.2538	34.5548	57.751	1485.35	44581	24
30.9747	1338.51	1351.028	3.2537	34.5546	57.774	1485.35	44605	24
30.9913	1339.252	1351.779	3.2524	34.5549	57.814	1485.36	44629	24
31.008	1340.314	1352.855	3.2403	34.5556	57.866	1485.33	44653	24
31.0247	1341.443	1353.997	3.2338	34.5562	57.917	1485.32	44677	24
31.0413	1342.426	1354.993	3.2308	34.5563	57.949	1485.32	44701	24
31.058	1343.249	1355.827	3.2285	34.5563	58.024	1485.33	44725	24
31.0747	1344.051	1356.638	3.2252	34.5564	58.095	1485.33	44749	24
31.0913	1344.976	1357.575	3.2191	34.5569	58.183	1485.32	44773	24

31.108	1345.999	1358.611	3.2184	34.5571	58.278	1485.33	44797	24
31.1247	1346.973	1359.597	3.2164	34.557	58.362	1485.34	44821	24
31.1413	1347.843	1360.478	3.2153	34.557	58.416	1485.35	44845	24
31.158	1348.694	1361.34	3.2152	34.5569	58.503	1485.37	44869	24
31.1747	1349.543	1362.199	3.2148	34.557	58.549	1485.38	44893	24
31.1913	1350.285	1362.951	3.2143	34.5569	58.596	1485.39	44917	24
31.208	1350.929	1363.603	3.2132	34.557	58.688	1485.39	44941	24
31.2247	1351.688	1364.372	3.2125	34.5571	58.702	1485.4	44965	24
31.2413	1352.731	1365.428	3.2114	34.5572	58.712	1485.42	44989	24
31.258	1354.035	1366.749	3.2029	34.5578	58.767	1485.4	45013	24
31.2747	1355.457	1368.188	3.1966	34.5584	58.775	1485.4	45037	24
31.2913	1356.781	1369.529	3.1951	34.5585	58.84	1485.42	45061	24
31.308	1357.805	1370.567	3.1939	34.5585	58.89	1485.43	45085	24
31.3247	1358.471	1371.241	3.193	34.5584	58.923	1485.44	45109	24
31.3413	1358.894	1371.67	3.1923	34.5584	58.954	1485.44	45133	24
31.358	1359.344	1372.125	3.1918	34.5583	58.985	1485.45	45157	24
31.3747	1360	1372.789	3.1914	34.5584	58.971	1485.46	45181	24
31.3913	1360.898	1373.699	3.1908	34.5585	59.058	1485.47	45205	24
31.408	1361.963	1374.777	3.1881	34.5584	59.064	1485.48	45229	24
31.4247	1363.077	1375.905	3.1834	34.5589	59.126	1485.47	45253	24
31.4413	1364.15	1376.992	3.1796	34.5589	59.121	1485.48	45277	24
31.458	1365.104	1377.959	3.1765	34.5592	59.172	1485.48	45301	24
31.4747	1365.895	1378.76	3.1735	34.5592	59.256	1485.48	45325	24
31.4913	1366.641	1379.515	3.1706	34.5595	59.326	1485.48	45349	24
31.508	1367.586	1380.472	3.1676	34.5595	59.365	1485.48	45373	24
31.5247	1368.695	1381.595	3.1587	34.56	59.426	1485.47	45397	24
31.5413	1369.777	1382.691	3.1493	34.5606	59.568	1485.44	45421	24
31.558	1370.744	1383.67	3.142	34.5611	59.626	1485.43	45445	24
31.5747	1371.568	1384.505	3.1406	34.5611	59.748	1485.44	45469	24
31.5913	1372.247	1385.192	3.1402	34.561	59.827	1485.45	45493	24
31.608	1372.882	1385.835	3.1394	34.5608	59.966	1485.45	45517	24
31.6247	1373.655	1386.618	3.1388	34.5608	60.106	1485.47	45541	24
31.6413	1374.637	1387.613	3.1377	34.5609	60.195	1485.48	45565	24
31.658	1375.75	1388.74	3.1356	34.561	60.274	1485.49	45589	24

31.6747	1376.856	1389.86	3.1336	34.5612	60.359	1485.5	45613	24
31.6913	1377.886	1390.903	3.1311	34.5612	60.431	1485.5	45637	24
31.708	1378.9	1391.93	3.1293	34.5613	60.469	1485.51	45661	24
31.7247	1380.023	1393.068	3.1277	34.5614	60.52	1485.53	45685	24
31.7413	1381.165	1394.224	3.1259	34.5615	60.579	1485.54	45709	24
31.758	1382.06	1395.131	3.1228	34.5615	60.644	1485.54	45733	24
31.7747	1382.565	1395.642	3.1208	34.5616	60.658	1485.54	45757	24
31.7913	1382.859	1395.94	3.1198	34.5616	60.662	1485.54	45781	24
31.808	1383.362	1396.45	3.118	34.5618	60.682	1485.54	45805	24
31.8247	1384.125	1397.222	3.1138	34.5621	60.728	1485.53	45829	24
31.8413	1385.128	1398.238	3.1074	34.5625	60.765	1485.53	45853	24
31.858	1386.321	1399.446	3.0999	34.563	60.846	1485.52	45877	24
31.8747	1387.581	1400.722	3.0944	34.5636	60.898	1485.51	45901	24
31.8913	1388.759	1401.916	3.0921	34.5637	60.938	1485.52	45925	24
31.908	1389.758	1402.927	3.0914	34.5637	61.02	1485.54	45949	24
31.9247	1390.575	1403.755	3.0887	34.5638	61.178	1485.54	45973	24
31.9413	1391.3	1404.49	3.0869	34.5639	61.266	1485.55	45997	24
31.958	1392.062	1405.261	3.0858	34.564	61.328	1485.55	46021	24
31.9747	1392.939	1406.149	3.0843	34.564	61.424	1485.56	46045	24
31.9913	1393.989	1407.213	3.0793	34.5642	61.454	1485.56	46069	24
32.008	1395.18	1408.419	3.0747	34.5647	61.491	1485.56	46093	24
32.0247	1396.381	1409.635	3.0722	34.5648	61.544	1485.57	46117	24
32.0413	1397.397	1410.665	3.0709	34.5647	61.622	1485.58	46141	24
32.058	1398.109	1411.386	3.0706	34.5646	61.662	1485.59	46165	24
32.0747	1398.496	1411.778	3.0699	34.5645	61.706	1485.59	46189	24
32.0913	1398.887	1412.174	3.0696	34.5645	61.783	1485.6	46213	24
32.108	1399.696	1412.993	3.0693	34.5646	61.844	1485.61	46237	24
32.1247	1400.843	1414.155	3.069	34.5647	61.867	1485.63	46261	24
32.1413	1402.167	1415.496	3.0675	34.5648	61.894	1485.65	46285	24
32.158	1403.517	1416.863	3.0612	34.5652	61.928	1485.64	46309	24
32.1747	1404.728	1418.091	3.0593	34.5653	61.968	1485.65	46333	24
32.1913	1405.66	1419.034	3.0591	34.5651	62.03	1485.67	46357	24
32.208	1406.256	1419.637	3.0591	34.565	62.062	1485.68	46381	24
32.2247	1406.703	1420.091	3.059	34.5649	62.099	1485.69	46405	24

32.2413	1407.333	1420.729	3.0587	34.5651	62.138	1485.7	46429	24
32.258	1408.181	1421.587	3.0579	34.5651	62.167	1485.71	46453	24
32.2747	1409.147	1422.566	3.0555	34.5653	62.225	1485.71	46477	24
32.2913	1410.106	1423.537	3.0543	34.5654	62.242	1485.72	46501	24
32.308	1410.998	1424.441	3.0524	34.5654	62.279	1485.73	46525	24
32.3247	1411.936	1425.392	3.0447	34.566	62.319	1485.71	46549	24
32.3413	1413.091	1426.561	3.043	34.5662	62.304	1485.73	46573	24
32.358	1414.411	1427.898	3.0426	34.5662	62.316	1485.75	46597	24
32.3747	1415.621	1429.124	3.0419	34.566	62.348	1485.77	46621	24
32.3913	1416.407	1429.921	3.0417	34.566	62.408	1485.78	46645	24
32.408	1416.767	1430.285	3.0411	34.5658	62.486	1485.78	46669	24
32.4247	1417.256	1430.78	3.0401	34.566	62.525	1485.78	46693	24
32.4413	1418.214	1431.751	3.0391	34.5661	62.535	1485.8	46717	24
32.458	1419.361	1432.912	3.0368	34.5664	62.588	1485.81	46741	24
32.4747	1420.496	1434.062	3.0287	34.5669	62.617	1485.79	46765	24
32.4913	1421.55	1435.13	3.0258	34.5671	62.651	1485.8	46789	24
32.508	1422.52	1436.113	3.0249	34.567	62.701	1485.81	46813	24
32.5247	1423.345	1436.949	3.0239	34.5669	62.783	1485.82	46837	24
32.5413	1424.018	1437.63	3.0222	34.5671	62.892	1485.82	46861	24
32.558	1424.649	1438.269	3.0215	34.5672	62.932	1485.83	46885	24
32.5747	1425.359	1438.989	3.0158	34.5674	63.021	1485.82	46909	24
32.5913	1426.301	1439.943	3.0093	34.5679	63.025	1485.81	46933	24
32.608	1427.573	1441.232	3.0043	34.5682	63.09	1485.81	46957	24
32.6247	1429.01	1442.688	2.9923	34.5691	63.168	1485.78	46981	24
32.6413	1430.294	1443.988	2.9835	34.5697	63.26	1485.77	47005	24
32.658	1431.141	1444.846	2.9811	34.5697	63.345	1485.77	47029	24
32.6747	1431.612	1445.323	2.9808	34.5694	63.457	1485.78	47053	24
32.6913	1432.096	1445.814	2.9796	34.5695	63.571	1485.78	47077	24
32.708	1432.831	1446.558	2.9793	34.5695	63.712	1485.79	47101	24
32.7247	1433.76	1447.499	2.9789	34.5695	63.808	1485.81	47125	24
32.7413	1434.8	1448.552	2.9774	34.5697	63.914	1485.82	47149	24
32.758	1435.847	1449.614	2.9759	34.5696	64.013	1485.83	47173	24
32.7747	1436.898	1450.678	2.9738	34.5697	64.059	1485.84	47197	24
32.7913	1437.996	1451.79	2.9715	34.5697	64.099	1485.85	47221	24

32.808	1439.088	1452.897	2.9703	34.5699	64.144	1485.86	47245	24
32.8247	1440.119	1453.941	2.9695	34.5699	64.181	1485.87	47269	24
32.8413	1441.101	1454.936	2.9683	34.5699	64.293	1485.88	47293	24
32.858	1442.003	1455.85	2.9671	34.57	64.336	1485.89	47317	24
32.8747	1442.72	1456.577	2.9668	34.5697	64.397	1485.91	47341	24
32.8913	1443.324	1457.188	2.9666	34.5698	64.443	1485.91	47365	24
32.908	1444.065	1457.939	2.9663	34.5699	64.483	1485.93	47389	24
32.9247	1444.953	1458.839	2.9659	34.5699	64.526	1485.94	47413	24
32.9413	1445.83	1459.727	2.9657	34.57	64.533	1485.95	47437	24
32.958	1446.681	1460.589	2.9656	34.5699	64.568	1485.97	47461	24
32.9747	1447.616	1461.536	2.9654	34.5699	64.57	1485.98	47485	24
32.9913	1448.654	1462.588	2.9653	34.5699	64.613	1486	47509	24
33.008	1449.753	1463.701	2.965	34.57	64.603	1486.02	47533	24
33.0247	1450.872	1464.836	2.9647	34.5699	64.606	1486.03	47557	24
33.0413	1451.983	1465.961	2.9644	34.5699	64.597	1486.05	47581	24
33.058	1453.064	1467.056	2.9642	34.5699	64.6	1486.07	47605	24
33.0747	1454.071	1468.076	2.9641	34.57	64.595	1486.09	47629	24
33.0913	1454.937	1468.953	2.9633	34.5699	64.591	1486.1	47653	24
33.108	1455.64	1469.666	2.9629	34.5699	64.604	1486.11	47677	24
33.1247	1456.343	1470.378	2.9624	34.57	64.625	1486.12	47701	24
33.1413	1457.207	1471.254	2.9608	34.57	64.615	1486.12	47725	24
33.158	1458.192	1472.251	2.9587	34.5703	64.627	1486.13	47749	24
33.1747	1459.209	1473.281	2.9534	34.5707	64.664	1486.13	47773	24
33.1913	1460.186	1474.272	2.9498	34.5709	64.726	1486.13	47797	24
33.208	1461.051	1475.148	2.9481	34.5709	64.736	1486.14	47821	24
33.2247	1461.828	1475.935	2.9473	34.571	64.785	1486.15	47845	24
33.2413	1462.647	1476.765	2.9463	34.571	64.834	1486.16	47869	24
33.258	1463.532	1477.662	2.9456	34.5711	64.897	1486.17	47893	24
33.2747	1464.382	1478.523	2.9445	34.5711	64.981	1486.18	47917	24
33.2913	1465.234	1479.386	2.9401	34.5715	65.015	1486.17	47941	24
33.308	1466.226	1480.391	2.9348	34.5717	65.046	1486.17	47965	24
33.3247	1467.388	1481.569	2.927	34.5723	65.089	1486.15	47989	24
33.3413	1468.609	1482.805	2.9228	34.5724	65.127	1486.16	48013	24
33.358	1469.694	1483.906	2.9188	34.5728	65.183	1486.16	48037	24

33.3747	1470.476	1484.698	2.9173	34.5727	65.281	1486.17	48061	24
33.3913	1471.01	1485.239	2.9163	34.5726	65.348	1486.17	48085	24
33.408	1471.688	1485.925	2.9156	34.5728	65.477	1486.18	48109	24
33.4247	1472.596	1486.845	2.9151	34.5727	65.594	1486.19	48133	24
33.4413	1473.577	1487.839	2.9144	34.5728	65.645	1486.2	48157	24
33.458	1474.56	1488.836	2.9143	34.5727	65.708	1486.22	48181	24
33.4747	1475.608	1489.897	2.9118	34.5729	65.762	1486.23	48205	24
33.4913	1476.779	1491.084	2.9083	34.5732	65.805	1486.23	48229	24
33.508	1477.965	1492.286	2.9075	34.5732	65.797	1486.25	48253	24
33.5247	1479.029	1493.364	2.9061	34.5733	65.849	1486.26	48277	24
33.5413	1479.9	1494.246	2.9025	34.5734	65.87	1486.26	48301	24
33.558	1480.622	1494.979	2.8994	34.5736	65.915	1486.26	48325	24
33.5747	1481.403	1495.77	2.8976	34.5736	65.965	1486.27	48349	24
33.5913	1482.264	1496.642	2.8958	34.5739	66.085	1486.27	48373	24
33.608	1483.081	1497.47	2.895	34.5738	66.148	1486.28	48397	24
33.6247	1483.797	1498.195	2.8935	34.574	66.211	1486.29	48421	24
33.6413	1484.592	1499	2.8918	34.574	66.268	1486.3	48445	24
33.658	1485.572	1499.994	2.8897	34.5743	66.307	1486.3	48469	24
33.6747	1486.633	1501.069	2.8887	34.5743	66.38	1486.32	48493	24
33.6913	1487.615	1502.063	2.8888	34.5742	66.45	1486.34	48517	24
33.708	1488.461	1502.921	2.8878	34.5743	66.459	1486.34	48541	24
33.7247	1489.266	1503.737	2.887	34.5744	66.529	1486.35	48565	24
33.7413	1490.13	1504.612	2.8865	34.5744	66.551	1486.37	48589	24
33.758	1491.125	1505.62	2.8867	34.5743	66.601	1486.39	48613	24
33.7747	1492.305	1506.816	2.8841	34.5745	66.622	1486.4	48637	24
33.7913	1493.611	1508.14	2.88	34.575	66.695	1486.4	48661	24
33.808	1494.865	1509.41	2.8754	34.5749	66.727	1486.4	48685	24
33.8247	1495.803	1510.361	2.8711	34.5755	66.777	1486.4	48709	24
33.8413	1496.286	1510.851	2.8696	34.5753	66.825	1486.4	48733	24
33.858	1496.595	1511.164	2.8687	34.5753	66.876	1486.4	48757	24
33.8747	1497.263	1511.84	2.8664	34.5756	66.907	1486.4	48781	24
33.8913	1498.235	1512.826	2.8616	34.5761	66.951	1486.4	48805	24
33.908	1499.372	1513.978	2.8587	34.5762	66.993	1486.41	48829	24
33.9247	1500.596	1515.218	2.8564	34.5764	66.994	1486.42	48853	24

33.9413	1501.797	1516.435	2.8553	34.5764	67.055	1486.43	48877	24
33.958	1502.837	1517.489	2.8544	34.5765	67.093	1486.45	48901	24
33.9747	1503.693	1518.357	2.8534	34.5763	67.211	1486.46	48925	24
33.9913	1504.529	1519.205	2.851	34.5766	67.264	1486.46	48949	24
34.008	1505.461	1520.148	2.8505	34.5766	67.328	1486.47	48973	24
34.0247	1506.353	1521.053	2.8492	34.5765	67.352	1486.48	48997	24
34.0413	1506.992	1521.7	2.848	34.5766	67.421	1486.49	49021	24
34.058	1507.371	1522.084	2.8477	34.5765	67.507	1486.49	49045	24
34.0747	1508.012	1522.734	2.8461	34.5767	67.508	1486.5	49069	24
34.0913	1509.145	1523.882	2.844	34.577	67.549	1486.51	49093	24
34.108	1510.48	1525.235	2.8416	34.5771	67.634	1486.52	49117	24
34.1247	1511.632	1526.403	2.8395	34.5771	67.634	1486.53	49141	24
34.1413	1512.362	1527.142	2.8386	34.5771	67.67	1486.54	49165	24
34.158	1512.944	1527.731	2.8376	34.5772	67.684	1486.55	49189	24
34.1747	1513.853	1528.653	2.8374	34.5772	67.726	1486.56	49213	24
34.1913	1515.081	1529.897	2.8361	34.5773	67.761	1486.58	49237	24
34.208	1516.449	1531.284	2.8331	34.5776	67.826	1486.59	49261	24
34.2247	1517.676	1532.528	2.8319	34.5776	67.894	1486.6	49285	24
34.2413	1518.603	1533.467	2.8306	34.5776	67.939	1486.61	49309	24
34.258	1519.338	1534.212	2.8299	34.5776	67.981	1486.62	49333	24
34.2747	1520.173	1535.058	2.829	34.5776	68.004	1486.63	49357	24
34.2913	1521.169	1536.067	2.8287	34.5776	68.027	1486.65	49381	24
34.308	1522.191	1537.104	2.8275	34.5777	68.052	1486.66	49405	24
34.3247	1523.067	1537.991	2.8238	34.5779	68.128	1486.66	49429	24
34.3413	1523.695	1538.627	2.822	34.578	68.137	1486.66	49453	24
34.358	1524.228	1539.168	2.8217	34.5779	68.156	1486.67	49477	24
34.3747	1524.989	1539.939	2.8215	34.5779	68.184	1486.68	49501	24
34.3913	1526.039	1541.003	2.8205	34.5781	68.216	1486.7	49525	24
34.408	1527.226	1542.206	2.8197	34.5781	68.263	1486.71	49549	24
34.4247	1528.348	1543.343	2.8185	34.5781	68.337	1486.72	49573	24
34.4413	1529.323	1544.332	2.8155	34.5785	68.392	1486.73	49597	24
34.458	1530.201	1545.221	2.8126	34.5785	68.439	1486.73	49621	24
34.4747	1531.124	1546.157	2.808	34.5788	68.462	1486.73	49645	24
34.4913	1532.111	1547.157	2.796	34.5795	68.512	1486.69	49669	24

34.508	1533.065	1548.124	2.7901	34.5801	68.551	1486.69	49693	24
34.5247	1533.906	1548.977	2.7892	34.58	68.615	1486.7	49717	24
34.5413	1534.66	1549.741	2.7863	34.5802	68.668	1486.7	49741	24
34.558	1535.471	1550.563	2.7817	34.5804	68.814	1486.69	49765	24
34.5747	1536.441	1551.546	2.7758	34.5808	68.881	1486.68	49789	24
34.5913	1537.544	1552.663	2.7723	34.581	69.007	1486.69	49813	24
34.608	1538.657	1553.791	2.7707	34.5811	69.081	1486.7	49837	24
34.6247	1539.673	1554.822	2.7703	34.5811	69.194	1486.72	49861	24
34.6413	1540.586	1555.747	2.7704	34.5808	69.237	1486.73	49885	24
34.658	1541.473	1556.646	2.7704	34.5808	69.342	1486.75	49909	24
34.6747	1542.399	1557.585	2.7706	34.5809	69.467	1486.76	49933	24
34.6913	1543.346	1558.545	2.77	34.5808	69.573	1486.77	49957	24
34.708	1544.32	1559.532	2.7676	34.581	69.607	1486.78	49981	24
34.7247	1545.347	1560.572	2.7668	34.5811	69.625	1486.8	50005	24
34.7413	1546.42	1561.66	2.7647	34.5812	69.659	1486.8	50029	24
34.758	1547.5	1562.755	2.7627	34.5812	69.707	1486.82	50053	24
34.7747	1548.451	1563.719	2.7615	34.5814	69.718	1486.83	50077	24
34.7913	1549.122	1564.399	2.7612	34.5812	69.753	1486.84	50101	24
34.808	1549.548	1564.83	2.7609	34.5812	69.792	1486.84	50125	24
34.8247	1550.182	1565.474	2.7603	34.5813	69.86	1486.85	50149	24
34.8413	1551.124	1566.428	2.757	34.5816	69.889	1486.85	50173	24
34.858	1552.169	1567.488	2.7523	34.5821	69.913	1486.85	50197	24
34.8747	1553.222	1568.555	2.7467	34.5824	69.94	1486.84	50221	24
34.8913	1554.292	1569.639	2.7448	34.5826	69.981	1486.85	50245	24
34.908	1555.373	1570.735	2.7448	34.5826	70.039	1486.87	50269	24
34.9247	1556.433	1571.809	2.7448	34.5825	70.118	1486.89	50293	24
34.9413	1557.508	1572.899	2.7426	34.5825	70.201	1486.9	50317	24
34.958	1558.569	1573.975	2.7407	34.5827	70.297	1486.91	50341	24
34.9747	1559.479	1574.897	2.7404	34.5827	70.341	1486.92	50365	24
34.9913	1560.172	1575.6	2.7404	34.5826	70.402	1486.94	50389	24
35.008	1560.849	1576.286	2.7406	34.5825	70.422	1486.95	50413	24
35.0247	1561.771	1577.22	2.7339	34.5831	70.491	1486.94	50437	24
35.0413	1562.9	1578.365	2.7275	34.5837	70.499	1486.93	50461	24
35.058	1563.997	1579.477	2.7262	34.5836	70.539	1486.94	50485	24

35.0747	1564.84	1580.331	2.7242	34.5837	70.571	1486.95	50509	24
35.0913	1565.512	1581.012	2.7208	34.5837	70.632	1486.94	50533	24
35.108	1566.363	1581.876	2.7171	34.5843	70.75	1486.94	50557	24
35.1247	1567.426	1582.953	2.7164	34.5842	70.823	1486.96	50581	24
35.1413	1568.501	1584.042	2.7144	34.5844	70.934	1486.97	50605	24
35.158	1569.464	1585.019	2.7106	34.5846	70.991	1486.97	50629	24
35.1747	1570.331	1585.898	2.7085	34.5846	71.107	1486.97	50653	24
35.1913	1571.184	1586.762	2.7044	34.5849	71.191	1486.97	50677	24
35.208	1572.115	1587.706	2.7016	34.5851	71.315	1486.97	50701	24
35.2247	1573.124	1588.729	2.6998	34.5851	71.328	1486.98	50725	24
35.2413	1574.15	1589.769	2.6987	34.5852	71.382	1487	50749	24
35.258	1575.181	1590.814	2.6977	34.5853	71.414	1487.01	50773	24
35.2747	1576.2	1591.847	2.6961	34.5853	71.565	1487.02	50797	24
35.2913	1577.112	1592.772	2.6952	34.5853	71.61	1487.03	50821	24
35.308	1577.882	1593.552	2.695	34.5853	71.652	1487.04	50845	24
35.3247	1578.601	1594.282	2.6948	34.5853	71.715	1487.05	50869	24
35.3413	1579.447	1595.139	2.6942	34.5853	71.752	1487.06	50893	24
35.358	1580.46	1596.166	2.6935	34.5854	71.77	1487.08	50917	24
35.3747	1581.563	1597.284	2.6931	34.5854	71.83	1487.1	50941	24
35.3913	1582.613	1598.348	2.6918	34.5854	71.877	1487.11	50965	24
35.408	1583.586	1599.335	2.6885	34.5857	71.879	1487.11	50989	24
35.4247	1584.574	1600.336	2.6861	34.5859	71.934	1487.12	51013	24
35.4413	1585.584	1601.36	2.6846	34.5859	71.988	1487.13	51037	24
35.458	1586.499	1602.288	2.6817	34.586	71.981	1487.13	51061	24
35.4747	1587.322	1603.122	2.6777	34.5862	72.052	1487.13	51085	24
35.4913	1588.174	1603.986	2.6738	34.5866	72.102	1487.13	51109	24
35.508	1589.02	1604.844	2.6703	34.5867	72.151	1487.13	51133	24
35.5247	1589.753	1605.587	2.6686	34.5868	72.23	1487.13	51157	24
35.5413	1590.476	1606.32	2.6658	34.587	72.277	1487.13	51181	24
35.558	1591.423	1607.279	2.6635	34.5874	72.408	1487.14	51205	24
35.5747	1592.583	1608.456	2.6603	34.5875	72.452	1487.14	51229	24
35.5913	1593.821	1609.711	2.6578	34.5879	72.538	1487.15	51253	24
35.608	1595.011	1610.917	2.6567	34.5877	72.594	1487.17	51277	24
35.6247	1596.015	1611.935	2.6556	34.5879	72.654	1487.18	51301	24

35.6413	1596.763	1612.693	2.6551	34.5877	72.704	1487.19	51325	24
35.658	1597.401	1613.341	2.6547	34.5877	72.815	1487.2	51349	24
35.6747	1598.099	1614.048	2.6533	34.5877	72.915	1487.21	51373	24
35.6913	1598.866	1614.826	2.6517	34.5879	72.981	1487.21	51397	24
35.708	1599.717	1615.689	2.6513	34.5879	73.018	1487.23	51421	24
35.7247	1600.689	1616.674	2.6506	34.588	73.063	1487.24	51445	24
35.7413	1601.785	1617.786	2.6503	34.5879	73.137	1487.26	51469	24
35.758	1602.972	1618.989	2.65	34.588	73.136	1487.28	51493	24
35.7747	1604.183	1620.216	2.6498	34.5879	73.238	1487.3	51517	24
35.7913	1605.278	1621.326	2.649	34.588	73.216	1487.31	51541	24
35.808	1606.185	1622.246	2.6488	34.5878	73.232	1487.33	51565	24
35.8247	1606.976	1623.049	2.6485	34.5878	73.255	1487.34	51589	24
35.8413	1607.745	1623.828	2.6483	34.588	73.27	1487.35	51613	24
35.858	1608.528	1624.622	2.6467	34.588	73.287	1487.36	51637	24
35.8747	1609.355	1625.46	2.6412	34.5887	73.305	1487.35	51661	24
35.8913	1610.271	1626.388	2.6389	34.5888	73.34	1487.36	51685	24
35.908	1611.234	1627.365	2.638	34.5888	73.365	1487.37	51709	24
35.9247	1612.238	1628.383	2.6375	34.589	73.382	1487.38	51733	24
35.9413	1613.264	1629.424	2.6354	34.589	73.424	1487.39	51757	24
35.958	1614.24	1630.413	2.6313	34.5894	73.546	1487.39	51781	24
35.9747	1615.14	1631.326	2.6279	34.5897	73.623	1487.39	51805	24
35.9913	1616.069	1632.268	2.6236	34.59	73.682	1487.39	51829	24
36.008	1617.094	1633.307	2.6213	34.5902	73.738	1487.39	51853	24
36.0247	1618.143	1634.371	2.62	34.5902	73.765	1487.41	51877	24
36.0413	1619.098	1635.339	2.619	34.5901	73.784	1487.42	51901	24
36.058	1619.896	1636.148	2.6179	34.5902	73.933	1487.43	51925	24
36.0747	1620.588	1636.85	2.617	34.5902	74.011	1487.44	51949	24
36.0913	1621.4	1637.673	2.6162	34.5903	74.056	1487.45	51973	24
36.108	1622.426	1638.713	2.615	34.5903	74.138	1487.46	51997	24
36.1247	1623.535	1639.838	2.614	34.5904	74.179	1487.47	52021	24
36.1413	1624.572	1640.89	2.6114	34.5905	74.215	1487.48	52045	24
36.158	1625.516	1641.846	2.6058	34.5909	74.276	1487.47	52069	24
36.1747	1626.417	1642.76	2.6046	34.5911	74.308	1487.48	52093	24
36.1913	1627.329	1643.685	2.6034	34.591	74.341	1487.49	52117	24

36.208	1628.29	1644.659	2.6007	34.5912	74.397	1487.5	52141	24
36.2247	1629.25	1645.633	2.5981	34.5914	74.433	1487.5	52165	24
36.2413	1630.091	1646.486	2.5972	34.5914	74.492	1487.51	52189	24
36.258	1630.779	1647.183	2.5971	34.5913	74.52	1487.52	52213	24
36.2747	1631.504	1647.918	2.5958	34.5915	74.529	1487.53	52237	24
36.2913	1632.454	1648.882	2.5939	34.5916	74.564	1487.54	52261	24
36.308	1633.625	1650.069	2.5935	34.5916	74.604	1487.56	52285	24
36.3247	1634.867	1651.328	2.5924	34.5917	74.681	1487.57	52309	24
36.3413	1635.993	1652.47	2.5916	34.5917	74.771	1487.59	52333	24
36.358	1636.844	1653.333	2.5911	34.5916	74.837	1487.6	52357	24
36.3747	1637.492	1653.991	2.5912	34.5916	74.857	1487.61	52381	24
36.3913	1638.207	1654.715	2.5908	34.5916	74.907	1487.62	52405	24
36.408	1639.036	1655.556	2.5907	34.5915	74.93	1487.64	52429	24
36.4247	1639.936	1656.468	2.5902	34.5919	74.905	1487.65	52453	24
36.4413	1640.944	1657.49	2.5901	34.5918	74.978	1487.67	52477	24
36.458	1642.119	1658.682	2.5892	34.5918	75.034	1487.68	52501	24
36.4747	1643.384	1659.965	2.5868	34.5921	75.037	1487.7	52525	24
36.4913	1644.519	1661.116	2.5844	34.5921	75.095	1487.7	52549	24
36.508	1645.357	1661.966	2.5838	34.592	75.084	1487.72	52573	24
36.5247	1645.954	1662.571	2.5826	34.5922	75.099	1487.72	52597	24
36.5413	1646.703	1663.33	2.5795	34.5922	75.141	1487.72	52621	24
36.558	1647.73	1664.372	2.575	34.5928	75.18	1487.72	52645	24
36.5747	1648.843	1665.5	2.5741	34.5928	75.214	1487.73	52669	24
36.5913	1649.854	1666.526	2.5733	34.5929	75.233	1487.75	52693	24
36.608	1650.724	1667.408	2.5732	34.5928	75.326	1487.76	52717	24
36.6247	1651.462	1668.157	2.5704	34.5931	75.381	1487.76	52741	24
36.6413	1652.174	1668.878	2.5714	34.5929	75.415	1487.78	52765	24
36.658	1653.075	1669.793	2.5696	34.5932	75.525	1487.79	52789	24
36.6747	1654.155	1670.888	2.5668	34.5934	75.562	1487.79	52813	24
36.6913	1655.199	1671.946	2.5644	34.5936	75.606	1487.8	52837	24
36.708	1656.098	1672.858	2.5628	34.5934	75.632	1487.81	52861	24
36.7247	1656.937	1673.709	2.5626	34.5937	75.69	1487.82	52885	24
36.7413	1657.895	1674.68	2.5623	34.5937	75.714	1487.84	52909	24
36.758	1659.021	1675.823	2.5611	34.5937	75.785	1487.85	52933	24

36.7747	1660.188	1677.005	2.5586	34.5939	75.829	1487.86	52957	24
36.7913	1661.14	1677.971	2.5577	34.594	75.876	1487.87	52981	24
36.808	1661.755	1678.595	2.5575	34.5938	75.911	1487.88	53005	24
36.8247	1662.304	1679.152	2.5571	34.5939	75.973	1487.89	53029	24
36.8413	1663.109	1679.969	2.5554	34.594	76.006	1487.9	53053	24
36.858	1664.125	1680.999	2.5529	34.5942	76.007	1487.9	53077	24
36.8747	1665.27	1682.16	2.5496	34.5943	76.06	1487.91	53101	24
36.8913	1666.474	1683.38	2.5442	34.5949	76.089	1487.91	53125	24
36.908	1667.61	1684.533	2.5424	34.595	76.147	1487.92	53149	24
36.9247	1668.594	1685.53	2.5416	34.5949	76.221	1487.93	53173	24
36.9413	1669.485	1686.434	2.5409	34.5949	76.281	1487.94	53197	24
36.958	1670.366	1687.328	2.5408	34.595	76.312	1487.96	53221	24
36.9747	1671.284	1688.259	2.5407	34.5949	76.42	1487.97	53245	24
36.9913	1672.218	1689.207	2.5403	34.5949	76.486	1487.99	53269	24
37.008	1673.131	1690.132	2.5402	34.5949	76.517	1488	53293	24
37.0247	1674.009	1691.022	2.5397	34.5949	76.584	1488.01	53317	24
37.0413	1674.925	1691.952	2.5386	34.5949	76.616	1488.02	53341	24
37.058	1675.903	1692.944	2.5378	34.5951	76.642	1488.04	53365	24
37.0747	1676.809	1693.862	2.5366	34.5951	76.661	1488.05	53389	24
37.0913	1677.586	1694.651	2.5329	34.5953	76.732	1488.05	53413	24
37.108	1678.365	1695.441	2.5303	34.5955	76.731	1488.05	53437	24
37.1247	1679.256	1696.344	2.5282	34.5957	76.759	1488.06	53461	24
37.1413	1680.271	1697.374	2.527	34.5958	76.771	1488.07	53485	24
37.158	1681.4	1698.519	2.5263	34.5958	76.785	1488.08	53509	24
37.1747	1682.527	1699.662	2.5241	34.596	76.808	1488.09	53533	24
37.1913	1683.465	1700.613	2.5218	34.5961	76.927	1488.1	53557	24
37.208	1684.257	1701.417	2.5212	34.596	76.979	1488.11	53581	24
37.2247	1685.133	1702.305	2.5192	34.5962	77.062	1488.12	53605	24
37.2413	1686.127	1703.313	2.518	34.5962	77.152	1488.13	53629	24
37.258	1687.094	1704.294	2.5172	34.5961	77.178	1488.14	53653	24
37.2747	1687.962	1705.175	2.5168	34.5964	77.195	1488.15	53677	24
37.2913	1688.788	1706.013	2.5164	34.5962	77.261	1488.17	53701	24
37.308	1689.696	1706.933	2.5163	34.5962	77.229	1488.18	53725	24
37.3247	1690.752	1708.004	2.5156	34.5963	77.297	1488.2	53749	24

37.3413	1691.881	1709.149	2.5125	34.5965	77.365	1488.2	53773	24
37.358	1692.944	1710.227	2.5092	34.5967	77.375	1488.21	53797	24
37.3747	1693.821	1711.117	2.5081	34.5969	77.408	1488.22	53821	24
37.3913	1694.566	1711.873	2.5073	34.5969	77.431	1488.23	53845	24
37.408	1695.355	1712.673	2.5065	34.5969	77.483	1488.24	53869	24
37.4247	1696.303	1713.634	2.5047	34.5971	77.511	1488.24	53893	24
37.4413	1697.362	1714.709	2.5019	34.5973	77.584	1488.25	53917	24
37.458	1698.4	1715.761	2.4943	34.5978	77.623	1488.24	53941	24
37.4747	1699.309	1716.684	2.4853	34.5984	77.65	1488.21	53965	24
37.4913	1700.164	1717.551	2.48	34.5987	77.683	1488.2	53989	24
37.508	1701.141	1718.542	2.4783	34.5988	77.746	1488.21	54013	24
37.5247	1702.297	1719.714	2.4762	34.5988	77.826	1488.22	54037	24
37.5413	1703.533	1720.968	2.4736	34.5991	77.95	1488.23	54061	24
37.558	1704.682	1722.134	2.4721	34.599	78.107	1488.25	54085	24
37.5747	1705.557	1723.022	2.4705	34.599	78.211	1488.26	54109	24
37.5913	1706.065	1723.537	2.4706	34.5988	78.28	1488.26	54133	24
37.608	1706.33	1723.805	2.4706	34.5986	78.445	1488.27	54157	24
37.6247	1706.791	1724.273	2.4704	34.5986	78.5	1488.28	54181	24
37.6413	1707.659	1725.154	2.4689	34.599	78.59	1488.29	54205	24
37.658	1708.846	1726.357	2.4668	34.5991	78.628	1488.3	54229	24
37.6747	1710.215	1727.746	2.4648	34.5993	78.724	1488.31	54253	24
37.6913	1711.591	1729.142	2.4628	34.5994	78.75	1488.33	54277	24
37.708	1712.81	1730.378	2.4587	34.5995	78.771	1488.33	54301	24
37.7247	1713.812	1731.395	2.4558	34.5999	78.837	1488.33	54325	24
37.7413	1714.652	1732.246	2.4553	34.5997	78.925	1488.34	54349	24
37.758	1715.434	1733.04	2.455	34.5997	78.955	1488.36	54373	24
37.7747	1716.223	1733.841	2.4548	34.5997	79.007	1488.37	54397	24
37.7913	1717.069	1734.699	2.4548	34.5997	79.086	1488.38	54421	24
37.808	1717.95	1735.592	2.4547	34.5997	79.125	1488.4	54445	24
37.8247	1718.795	1736.449	2.454	34.5997	79.17	1488.41	54469	24
37.8413	1719.608	1737.275	2.453	34.5997	79.209	1488.42	54493	24
37.858	1720.527	1738.206	2.4494	34.6	79.262	1488.42	54517	24
37.8747	1721.65	1739.346	2.4472	34.6002	79.321	1488.43	54541	24
37.8913	1722.856	1740.569	2.4443	34.6003	79.36	1488.44	54565	24

37.908	1723.922	1741.65	2.4436	34.6005	79.395	1488.45	54589	24
37.9247	1724.705	1742.445	2.4431	34.6003	79.433	1488.46	54613	24
37.9413	1725.347	1743.096	2.4406	34.6005	79.451	1488.47	54637	24
37.958	1726.131	1743.892	2.4369	34.6008	79.574	1488.46	54661	24
37.9747	1727.126	1744.901	2.4265	34.6015	79.626	1488.44	54685	24
37.9913	1728.238	1746.029	2.418	34.6022	79.69	1488.42	54709	24
38.008	1729.335	1747.142	2.4147	34.6025	79.723	1488.42	54733	24
38.0247	1730.306	1748.127	2.4131	34.6024	79.857	1488.43	54757	24
38.0413	1731.121	1748.954	2.4111	34.6025	79.905	1488.44	54781	24
38.058	1731.838	1749.682	2.4095	34.6026	80.058	1488.44	54805	24
38.0747	1732.615	1750.469	2.4081	34.6026	80.233	1488.45	54829	24
38.0913	1733.567	1751.435	2.4067	34.6028	80.296	1488.46	54853	24
38.108	1734.682	1752.567	2.4053	34.6027	80.481	1488.47	54877	24
38.1247	1735.859	1753.761	2.4042	34.6029	80.553	1488.49	54901	24
38.1413	1737.034	1754.952	2.4004	34.6029	80.638	1488.49	54925	24
38.158	1738.11	1756.045	2.3944	34.6034	80.683	1488.49	54949	24
38.1747	1738.977	1756.924	2.393	34.6034	80.709	1488.49	54973	24
38.1913	1739.609	1757.565	2.3908	34.6033	80.764	1488.49	54997	24
38.208	1740.153	1758.117	2.3891	34.6034	80.872	1488.5	55021	24
38.2247	1740.889	1758.864	2.3871	34.6035	81.02	1488.5	55045	24
38.2413	1741.914	1759.904	2.385	34.6037	81.092	1488.51	55069	24
38.258	1743.127	1761.134	2.3826	34.6039	81.217	1488.52	55093	24
38.2747	1744.333	1762.357	2.3741	34.6044	81.312	1488.5	55117	24
38.2913	1745.375	1763.414	2.3667	34.6052	81.416	1488.49	55141	24
38.308	1746.245	1764.298	2.3667	34.605	81.462	1488.5	55165	24
38.3247	1747.068	1765.133	2.3664	34.605	81.535	1488.52	55189	24
38.3413	1747.948	1766.025	2.3653	34.605	81.64	1488.53	55213	24
38.358	1748.921	1767.012	2.3644	34.6049	81.788	1488.54	55237	24
38.3747	1749.961	1768.067	2.3643	34.605	81.892	1488.56	55261	24
38.3913	1750.986	1769.107	2.3641	34.6048	82.012	1488.58	55285	24
38.408	1751.953	1770.089	2.3628	34.6049	82.089	1488.59	55309	24
38.4247	1752.876	1771.024	2.3623	34.605	82.172	1488.6	55333	24
38.4413	1753.743	1771.905	2.3624	34.605	82.224	1488.61	55357	24
38.458	1754.517	1772.69	2.3625	34.605	82.282	1488.63	55381	24

38.4747	1755.242	1773.426	2.3627	34.6048	82.319	1488.64	55405	24
38.4913	1756.014	1774.209	2.3627	34.6047	82.335	1488.65	55429	24
38.508	1756.91	1775.118	2.3625	34.6048	82.352	1488.67	55453	24
38.5247	1757.971	1776.194	2.3627	34.6048	82.371	1488.69	55477	24
38.5413	1759.163	1777.404	2.3626	34.6049	82.384	1488.71	55501	24
38.558	1760.397	1778.656	2.3626	34.605	82.391	1488.73	55525	24
38.5747	1761.573	1779.849	2.3623	34.6049	82.42	1488.75	55549	24
38.5913	1762.605	1780.896	2.3617	34.605	82.432	1488.76	55573	24
38.608	1763.464	1781.767	2.3618	34.605	82.435	1488.78	55597	24
38.6247	1764.149	1782.462	2.3619	34.6047	82.471	1488.79	55621	24
38.6413	1764.688	1783.01	2.3623	34.6046	82.483	1488.8	55645	24
38.658	1765.257	1783.587	2.3624	34.6046	82.49	1488.81	55669	24
38.6747	1766.104	1784.446	2.3624	34.6048	82.456	1488.82	55693	24
38.6913	1767.218	1785.577	2.3623	34.6047	82.491	1488.84	55717	24
38.708	1768.453	1786.83	2.3591	34.6052	82.482	1488.85	55741	24
38.7247	1769.643	1788.038	2.3571	34.6053	82.507	1488.86	55765	24
38.7413	1770.656	1789.065	2.3541	34.6054	82.51	1488.87	55789	24
38.758	1771.477	1789.898	2.3516	34.6056	82.539	1488.87	55813	24
38.7747	1772.274	1790.706	2.3463	34.606	82.544	1488.86	55837	24
38.7913	1773.259	1791.706	2.3428	34.6063	82.555	1488.86	55861	24
38.808	1774.372	1792.836	2.3426	34.6063	82.625	1488.88	55885	24
38.8247	1775.427	1793.906	2.3411	34.6063	82.676	1488.89	55909	24
38.8413	1776.35	1794.843	2.3387	34.6065	82.784	1488.9	55933	24
38.858	1777.187	1795.692	2.3386	34.6065	82.923	1488.91	55957	24
38.8747	1777.99	1796.507	2.3376	34.6065	82.97	1488.92	55981	24
38.8913	1778.849	1797.378	2.3377	34.6065	83.065	1488.94	56005	24
38.908	1779.801	1798.345	2.3378	34.6065	83.119	1488.95	56029	24
38.9247	1780.77	1799.328	2.3374	34.6064	83.181	1488.97	56053	24
38.9413	1781.685	1800.256	2.3362	34.6066	83.208	1488.98	56077	24
38.958	1782.564	1801.148	2.3346	34.6068	83.279	1488.98	56101	24
38.9747	1783.484	1802.081	2.3332	34.6068	83.299	1489	56125	24
38.9913	1784.493	1803.106	2.3262	34.6073	83.268	1488.98	56149	24
39.008	1785.589	1804.217	2.3243	34.6076	83.313	1488.99	56173	24
39.0247	1786.702	1805.347	2.3242	34.6077	83.34	1489.01	56197	24

39.0413	1787.676	1806.335	2.3241	34.6074	83.416	1489.03	56221	24
39.058	1788.421	1807.092	2.3216	34.6076	83.458	1489.03	56245	24
39.0747	1789.114	1807.795	2.3182	34.6079	83.48	1489.03	56269	24
39.0913	1790.018	1808.712	2.3165	34.6082	83.566	1489.04	56293	24
39.108	1791.147	1809.858	2.3155	34.6083	83.681	1489.05	56317	24
39.1247	1792.366	1811.095	2.3148	34.6083	83.711	1489.07	56341	24
39.1413	1793.465	1812.209	2.3128	34.6085	83.828	1489.08	56365	24
39.158	1794.285	1813.042	2.3113	34.6086	83.855	1489.09	56389	24
39.1747	1794.879	1813.644	2.3102	34.6086	83.9	1489.09	56413	24
39.1913	1795.515	1814.29	2.3091	34.6086	83.924	1489.1	56437	24
39.208	1796.37	1815.158	2.3075	34.6089	83.973	1489.11	56461	24
39.2247	1797.457	1816.261	2.3048	34.6092	83.969	1489.11	56485	24
39.2413	1798.715	1817.537	2.3044	34.6093	84.042	1489.13	56509	24
39.258	1799.985	1818.826	2.3039	34.6092	84.122	1489.15	56533	24
39.2747	1801.05	1819.907	2.3018	34.6093	84.182	1489.16	56557	24
39.2913	1801.797	1820.666	2.2981	34.6094	84.263	1489.16	56581	24
39.308	1802.349	1821.226	2.2961	34.6095	84.316	1489.16	56605	24
39.3247	1803.076	1821.963	2.2956	34.6096	84.355	1489.17	56629	24
39.3413	1804.05	1822.952	2.2941	34.6098	84.419	1489.18	56653	24
39.358	1805.093	1824.011	2.2915	34.61	84.494	1489.19	56677	24
39.3747	1806.009	1824.94	2.2893	34.6101	84.574	1489.19	56701	24
39.3913	1806.751	1825.693	2.2877	34.6101	84.651	1489.2	56725	24
39.408	1807.495	1826.447	2.286	34.6103	84.699	1489.2	56749	24
39.4247	1808.457	1827.424	2.2852	34.6103	84.712	1489.22	56773	24
39.4413	1809.665	1828.65	2.2845	34.6105	84.792	1489.23	56797	24
39.458	1810.983	1829.987	2.2822	34.6106	84.863	1489.25	56821	24
39.4747	1812.241	1831.264	2.2804	34.6108	84.924	1489.26	56845	24
39.4913	1813.336	1832.376	2.2792	34.6109	85.011	1489.28	56869	24
39.508	1814.23	1833.283	2.2787	34.6108	85.059	1489.29	56893	24
39.5247	1815.018	1834.082	2.2782	34.6107	85.084	1489.3	56917	24
39.5413	1815.831	1834.907	2.2782	34.6106	85.158	1489.31	56941	24
39.558	1816.678	1835.768	2.2772	34.6107	85.256	1489.32	56965	24
39.5747	1817.471	1836.572	2.2768	34.6108	85.266	1489.33	56989	24
39.5913	1818.207	1837.319	2.2764	34.6107	85.298	1489.35	57013	24

39.608	1819.002	1838.126	2.276	34.6108	85.351	1489.36	57037	24
39.6247	1819.903	1839.04	2.2749	34.6109	85.414	1489.37	57061	24
39.6413	1820.847	1839.998	2.2741	34.6108	85.442	1489.38	57085	24
39.658	1821.814	1840.98	2.2731	34.611	85.462	1489.39	57109	24
39.6747	1822.875	1842.056	2.2729	34.611	85.482	1489.41	57133	24
39.6913	1824.085	1843.284	2.2726	34.6112	85.533	1489.43	57157	24
39.708	1825.338	1844.556	2.2725	34.6111	85.569	1489.45	57181	24
39.7247	1826.455	1845.69	2.2722	34.6111	85.59	1489.47	57205	24
39.7413	1827.295	1846.543	2.2723	34.611	85.6	1489.48	57229	24
39.758	1827.877	1847.133	2.2724	34.6109	85.614	1489.49	57253	24
39.7747	1828.446	1847.711	2.2722	34.6108	85.614	1489.5	57277	24
39.7913	1829.184	1848.46	2.272	34.6109	85.594	1489.51	57301	24
39.808	1830.105	1849.395	2.2713	34.611	85.621	1489.53	57325	24
39.8247	1831.235	1850.542	2.2706	34.6112	85.585	1489.54	57349	24
39.8413	1832.478	1851.803	2.2694	34.6114	85.609	1489.56	57373	24
39.858	1833.658	1853	2.2678	34.6115	85.662	1489.57	57397	24
39.8747	1834.664	1854.021	2.2675	34.6113	85.66	1489.59	57421	24
39.8913	1835.512	1854.882	2.2669	34.6114	85.693	1489.6	57445	24
39.908	1836.308	1855.69	2.2659	34.6114	85.727	1489.61	57469	24
39.9247	1837.156	1856.551	2.2643	34.6116	85.747	1489.62	57493	24
39.9413	1838.07	1857.479	2.2615	34.6117	85.814	1489.62	57517	24
39.958	1838.995	1858.417	2.2595	34.612	85.851	1489.63	57541	24
39.9747	1839.945	1859.382	2.259	34.612	85.9	1489.64	57565	24
39.9913	1840.98	1860.432	2.2578	34.6121	85.936	1489.65	57589	24
40.008	1842.07	1861.539	2.2562	34.6122	85.966	1489.67	57613	24
40.0247	1843.124	1862.608	2.2543	34.6123	86.034	1489.68	57637	24
40.0413	1844.099	1863.598	2.2531	34.6122	86.091	1489.69	57661	24
40.058	1844.942	1864.454	2.2512	34.6125	86.148	1489.69	57685	24
40.0747	1845.651	1865.174	2.2455	34.6128	86.198	1489.68	57709	24
40.0913	1846.339	1865.872	2.2388	34.6135	86.242	1489.66	57733	24
40.108	1847.157	1866.702	2.2346	34.6139	86.325	1489.66	57757	24
40.1247	1848.11	1867.669	2.2287	34.6144	86.429	1489.65	57781	24
40.1413	1849.145	1868.72	2.2258	34.6146	86.483	1489.66	57805	24
40.158	1850.261	1869.853	2.2245	34.6145	86.608	1489.67	57829	24

40.1747	1851.464	1871.074	2.2231	34.6147	86.683	1489.68	57853	24
40.1913	1852.658	1872.286	2.2226	34.6146	86.807	1489.7	57877	24
40.208	1853.699	1873.342	2.2224	34.6147	86.915	1489.72	57901	24
40.2247	1854.489	1874.145	2.2222	34.6144	87.048	1489.73	57925	24
40.2413	1855.029	1874.692	2.222	34.6144	87.149	1489.74	57949	24
40.258	1855.588	1875.26	2.2219	34.6144	87.236	1489.75	57973	24
40.2747	1856.41	1876.094	2.2216	34.6144	87.326	1489.76	57997	24
40.2913	1857.498	1877.198	2.2209	34.6146	87.399	1489.78	58021	24
40.308	1858.752	1878.472	2.2198	34.6147	87.459	1489.8	58045	24
40.3247	1860.024	1879.763	2.2156	34.615	87.484	1489.8	58069	24
40.3413	1861.143	1880.899	2.2134	34.6152	87.574	1489.81	58093	24
40.358	1862.013	1881.782	2.2128	34.6152	87.572	1489.82	58117	24
40.3747	1862.743	1882.522	2.2121	34.6151	87.633	1489.83	58141	24
40.3913	1863.553	1883.345	2.2107	34.6153	87.66	1489.84	58165	24
40.408	1864.563	1884.371	2.2099	34.6154	87.703	1489.85	58189	24
40.4247	1865.655	1885.479	2.2097	34.6154	87.724	1489.87	58213	24
40.4413	1866.629	1886.468	2.2092	34.6153	87.802	1489.88	58237	24
40.458	1867.346	1887.195	2.2084	34.6154	87.907	1489.89	58261	24
40.4747	1867.958	1887.817	2.208	34.6154	87.929	1489.9	58285	24
40.4913	1868.807	1888.679	2.2077	34.6156	87.969	1489.91	58309	24
40.508	1869.934	1889.823	2.2071	34.6155	87.955	1489.93	58333	24
40.5247	1871.178	1891.086	2.2059	34.6158	88.023	1489.95	58357	24
40.5413	1872.317	1892.242	2.2048	34.6157	88.076	1489.96	58381	24
40.558	1873.188	1893.126	2.2041	34.6159	88.066	1489.97	58405	24
40.5747	1873.831	1893.779	2.204	34.6158	88.104	1489.98	58429	24
40.5913	1874.521	1894.479	2.2023	34.6159	88.123	1489.99	58453	24
40.608	1875.437	1895.409	2.2017	34.6161	88.208	1490	58477	24
40.6247	1876.512	1896.5	2.2018	34.6162	88.206	1490.02	58501	24
40.6413	1877.632	1897.637	2.2018	34.6159	88.22	1490.04	58525	24
40.658	1878.74	1898.762	2.1992	34.6164	88.282	1490.05	58549	24
40.6747	1879.779	1899.817	2.1992	34.6161	88.317	1490.06	58573	24
40.6913	1880.675	1900.726	2.1972	34.6164	88.332	1490.07	58597	24
40.708	1881.456	1901.52	2.1963	34.6165	88.416	1490.08	58621	24
40.7247	1882.279	1902.355	2.1932	34.6167	88.396	1490.08	58645	24

40.7413	1883.226	1903.317	2.1896	34.6171	88.467	1490.08	58669	24
40.758	1884.199	1904.304	2.1878	34.6173	88.504	1490.09	58693	24
40.7747	1885.036	1905.154	2.1865	34.6173	88.553	1490.1	58717	24
40.7913	1885.729	1905.858	2.1859	34.6174	88.578	1490.11	58741	24
40.808	1886.493	1906.633	2.1841	34.6174	88.715	1490.12	58765	24
40.8247	1887.533	1907.689	2.1826	34.6177	88.753	1490.13	58789	24
40.8413	1888.793	1908.968	2.1824	34.6178	88.768	1490.15	58813	24
40.858	1890.083	1910.278	2.1825	34.6175	88.85	1490.17	58837	24
40.8747	1891.219	1911.431	2.1825	34.6175	88.929	1490.19	58861	24
40.8913	1892.149	1912.375	2.1824	34.6175	88.985	1490.2	58885	24
40.908	1892.984	1913.223	2.1823	34.6175	89.009	1490.22	58909	24
40.9247	1893.768	1914.018	2.1822	34.6175	89.056	1490.23	58933	24
40.9413	1894.48	1914.742	2.1822	34.6174	89.072	1490.24	58957	24
40.958	1895.159	1915.431	2.1814	34.6175	89.126	1490.25	58981	24
40.9747	1895.993	1916.278	2.1811	34.6176	89.136	1490.26	59005	24
40.9913	1897.072	1917.373	2.1808	34.6177	89.128	1490.28	59029	24
41.008	1898.287	1918.607	2.1806	34.6177	89.151	1490.3	59053	24
41.0247	1899.461	1919.798	2.1804	34.6177	89.18	1490.32	59077	24
41.0413	1900.497	1920.851	2.1804	34.6177	89.193	1490.34	59101	24
41.058	1901.399	1921.767	2.18	34.6177	89.271	1490.35	59125	24
41.0747	1902.232	1922.613	2.178	34.6178	89.264	1490.36	59149	24
41.0913	1903.101	1923.495	2.1742	34.6182	89.29	1490.36	59173	24
41.108	1904.045	1924.453	2.1731	34.6183	89.303	1490.37	59197	24
41.1247	1905.04	1925.463	2.1726	34.6184	89.317	1490.38	59221	24
41.1413	1906.035	1926.473	2.1719	34.6184	89.316	1490.4	59245	24
41.158	1907.027	1927.481	2.1711	34.6185	89.352	1490.41	59269	24
41.1747	1907.981	1928.449	2.1708	34.6184	89.371	1490.43	59293	24
41.1913	1908.809	1929.29	2.1705	34.6184	89.382	1490.44	59317	24
41.208	1909.475	1929.966	2.1708	34.6184	89.412	1490.45	59341	24
41.2247	1910.106	1930.607	2.1706	34.6184	89.442	1490.46	59365	24
41.2413	1910.917	1931.431	2.1707	34.6184	89.466	1490.48	59389	24
41.258	1911.987	1932.517	2.1703	34.6185	89.553	1490.49	59413	24
41.2747	1913.238	1933.786	2.1703	34.6186	89.598	1490.51	59437	24
41.2913	1914.511	1935.079	2.1676	34.6187	89.612	1490.52	59461	24

41.308	1915.657	1936.244	2.1654	34.619	89.675	1490.53	59485	24
41.3247	1916.653	1937.255	2.1642	34.6191	89.668	1490.54	59509	24
41.3413	1917.568	1938.183	2.1621	34.6193	89.706	1490.55	59533	24
41.358	1918.484	1939.113	2.1621	34.6191	89.695	1490.57	59557	24
41.3747	1919.437	1940.081	2.1536	34.6196	89.784	1490.55	59581	24
41.3913	1920.389	1941.048	2.1473	34.6203	89.759	1490.54	59605	24
41.408	1921.209	1941.88	2.1432	34.6205	89.858	1490.53	59629	24
41.4247	1921.836	1942.517	2.1382	34.6209	89.914	1490.52	59653	24
41.4413	1922.446	1943.136	2.1355	34.6209	90.023	1490.52	59677	24
41.458	1923.281	1943.984	2.1322	34.6214	90.15	1490.52	59701	24
41.4747	1924.377	1945.097	2.1307	34.6214	90.27	1490.53	59725	24
41.4913	1925.63	1946.369	2.1299	34.6213	90.404	1490.55	59749	24
41.508	1926.863	1947.622	2.1291	34.6215	90.568	1490.57	59773	24
41.5247	1927.955	1948.731	2.1286	34.6213	90.686	1490.59	59797	24
41.5413	1928.885	1949.674	2.1273	34.6215	90.811	1490.6	59821	24
41.558	1929.749	1950.552	2.1249	34.6216	90.966	1490.6	59845	24
41.5747	1930.572	1951.388	2.1225	34.6217	91.026	1490.6	59869	24
41.5913	1931.36	1952.188	2.1206	34.6219	91.084	1490.61	59893	24
41.608	1932.144	1952.984	2.1187	34.622	91.157	1490.62	59917	24
41.6247	1932.968	1953.821	2.1169	34.6221	91.208	1490.62	59941	24
41.6413	1933.9	1954.767	2.1157	34.6223	91.252	1490.63	59965	24
41.658	1934.971	1955.855	2.1154	34.6223	91.354	1490.65	59989	24
41.6747	1936.069	1956.969	2.1126	34.6224	91.418	1490.66	60013	24
41.6913	1937.042	1957.958	2.1108	34.6224	91.516	1490.66	60037	24
41.708	1937.898	1958.827	2.1106	34.6226	91.549	1490.68	60061	24
41.7247	1938.844	1959.787	2.1093	34.6226	91.63	1490.69	60085	24
41.7413	1939.951	1960.911	2.108	34.6228	91.654	1490.7	60109	24
41.758	1941.044	1962.022	2.108	34.6227	91.668	1490.72	60133	24
41.7747	1941.935	1962.927	2.1082	34.6226	91.715	1490.74	60157	24
41.7913	1942.617	1963.619	2.1083	34.6226	91.775	1490.75	60181	24
41.808	1943.291	1964.304	2.1082	34.6226	91.865	1490.76	60205	24
41.8247	1944.139	1965.165	2.1073	34.6228	91.907	1490.77	60229	24
41.8413	1945.192	1966.234	2.1059	34.6229	91.916	1490.78	60253	24
41.858	1946.379	1967.44	2.1032	34.6231	91.937	1490.79	60277	24

41.8747	1947.566	1968.645	2.1015	34.6232	91.971	1490.8	60301	24
41.8913	1948.638	1969.734	2.1003	34.6234	92.002	1490.82	60325	24
41.908	1949.571	1970.681	2.1002	34.6231	92.087	1490.83	60349	24
41.9247	1950.418	1971.541	2.0999	34.6233	92.113	1490.85	60373	24
41.9413	1951.27	1972.407	2.0997	34.6232	92.117	1490.86	60397	24
41.958	1952.162	1973.312	2.0979	34.6234	92.118	1490.87	60421	24
41.9747	1953.042	1974.206	2.0971	34.6235	92.153	1490.88	60445	24
41.9913	1953.878	1975.055	2.0963	34.6235	92.217	1490.89	60469	24
42.008	1954.732	1975.922	2.0955	34.6236	92.296	1490.9	60493	24
42.0247	1955.684	1976.889	2.0944	34.6237	92.34	1490.91	60517	24
42.0413	1956.779	1978.001	2.0932	34.6238	92.423	1490.93	60541	24
42.058	1957.952	1979.192	2.0918	34.6238	92.434	1490.94	60565	24
42.0747	1959.046	1980.303	2.0914	34.6237	92.5	1490.96	60589	24
42.0913	1959.917	1981.188	2.0914	34.6236	92.497	1490.97	60613	24
42.108	1960.611	1981.893	2.0907	34.6234	92.588	1490.98	60637	24
42.1247	1961.372	1982.666	2.0889	34.6235	92.624	1490.99	60661	24
42.1413	1962.394	1983.704	2.0864	34.6237	92.71	1490.99	60685	24
42.158	1963.596	1984.924	2.0858	34.6238	92.719	1491.01	60709	24
42.1747	1964.754	1986.101	2.0847	34.6239	92.743	1491.02	60733	24
42.1913	1965.68	1987.041	2.0845	34.6237	92.763	1491.04	60757	24
42.208	1966.377	1987.749	2.0843	34.6237	92.802	1491.05	60781	24
42.2247	1967.086	1988.469	2.0838	34.6238	92.908	1491.06	60805	24
42.2413	1967.975	1989.372	2.0828	34.6238	92.951	1491.07	60829	24
42.258	1968.937	1990.348	2.0808	34.6241	92.968	1491.08	60853	24
42.2747	1969.799	1991.225	2.0796	34.6241	92.989	1491.09	60877	24
42.2913	1970.651	1992.089	2.0795	34.6241	93.015	1491.1	60901	24
42.308	1971.637	1993.09	2.0789	34.6241	93.059	1491.12	60925	24
42.3247	1972.713	1994.184	2.0779	34.6242	93.141	1491.13	60949	24
42.3413	1973.834	1995.322	2.0759	34.6245	93.175	1491.14	60973	24
42.358	1974.988	1996.494	2.0732	34.6246	93.225	1491.15	60997	24
42.3747	1976.097	1997.621	2.072	34.6246	93.272	1491.16	61021	24
42.3913	1977.056	1998.594	2.0705	34.6247	93.317	1491.17	61045	24
42.408	1977.858	1999.408	2.0691	34.6247	93.301	1491.18	61069	24
42.4247	1978.589	2000.152	2.0683	34.6247	93.387	1491.19	61093	24

42.4413	1979.383	2000.958	2.0674	34.6249	93.421	1491.2	61117	24
42.458	1980.269	2001.858	2.0667	34.6249	93.493	1491.21	61141	24
42.4747	1981.214	2002.817	2.0652	34.6251	93.561	1491.22	61165	24
42.4913	1982.215	2003.834	2.0642	34.6253	93.598	1491.24	61189	24
42.508	1983.302	2004.938	2.0617	34.6254	93.684	1491.24	61213	24
42.5247	1984.41	2006.064	2.0599	34.6254	93.725	1491.25	61237	24
42.5413	1985.389	2007.058	2.0585	34.6256	93.748	1491.27	61261	24
42.558	1986.226	2007.907	2.058	34.6256	93.79	1491.28	61285	24
42.5747	1987.081	2008.776	2.0573	34.6256	93.795	1491.29	61309	24
42.5913	1988.065	2009.776	2.0546	34.626	93.88	1491.3	61333	24
42.608	1989.074	2010.801	2.052	34.6263	93.981	1491.3	61357	24
42.6247	1989.949	2011.69	2.0498	34.6263	94.035	1491.31	61381	24
42.6413	1990.683	2012.435	2.0498	34.6262	94.059	1491.32	61405	24
42.658	1991.429	2013.193	2.0495	34.6263	94.121	1491.33	61429	24
42.6747	1992.351	2014.129	2.0495	34.6263	94.178	1491.35	61453	24
42.6913	1993.434	2015.229	2.0492	34.6262	94.244	1491.36	61477	24
42.708	1994.562	2016.375	2.0475	34.6265	94.344	1491.38	61501	24
42.7247	1995.643	2017.473	2.0448	34.6267	94.372	1491.38	61525	24
42.7413	1996.673	2018.52	2.041	34.6269	94.483	1491.38	61549	24
42.758	1997.715	2019.578	2.0398	34.627	94.514	1491.4	61573	24
42.7747	1998.807	2020.687	2.0388	34.6271	94.538	1491.41	61597	24
42.7913	1999.822	2021.718	2.0378	34.6271	94.658	1491.42	61621	24
42.808	2000.566	2022.473	2.0371	34.627	94.714	1491.43	61645	24
42.8247	2000.985	2022.899	2.037	34.627	94.787	1491.44	61669	24
42.8413	2001.413	2023.333	2.0367	34.6269	94.86	1491.45	61693	24
42.858	2002.285	2024.219	2.0358	34.6272	94.91	1491.46	61717	24
42.8747	2003.59	2025.545	2.0348	34.6274	94.937	1491.48	61741	24
42.8913	2005.111	2027.09	2.0334	34.6276	95.005	1491.5	61765	24
42.908	2006.575	2028.578	2.0324	34.6276	95.019	1491.52	61789	24
42.9247	2007.688	2029.708	2.0322	34.6274	95.093	1491.54	61813	24
42.9413	2008.283	2030.313	2.0321	34.6274	95.153	1491.54	61837	24
42.958	2008.543	2030.577	2.0322	34.6271	95.186	1491.55	61861	24
42.9747	2009.055	2031.096	2.0315	34.6274	95.224	1491.55	61885	24
42.9913	2009.984	2032.04	2.0306	34.6277	95.238	1491.57	61909	24

43.008	2011.063	2033.136	2.0294	34.6278	95.255	1491.58	61933	24
43.0247	2012.153	2034.244	2.028	34.6279	95.258	1491.59	61957	24
43.0413	2013.211	2035.318	2.0271	34.628	95.289	1491.61	61981	24
43.058	2014.29	2036.414	2.0259	34.6282	95.32	1491.62	62005	24
43.0747	2015.38	2037.521	2.0244	34.6282	95.36	1491.63	62029	24
43.0913	2016.393	2038.551	2.0233	34.6284	95.428	1491.65	62053	24
43.108	2017.257	2039.428	2.0231	34.6283	95.441	1491.66	62077	24
43.1247	2018.027	2040.211	2.0222	34.6283	95.52	1491.67	62101	24
43.1413	2018.845	2041.042	2.0182	34.6287	95.577	1491.66	62125	24
43.158	2019.809	2042.021	2.0155	34.6289	95.656	1491.67	62149	24
43.1747	2020.918	2043.147	2.0144	34.629	95.718	1491.68	62173	24
43.1913	2022.079	2044.327	2.0139	34.6291	95.786	1491.7	62197	24
43.208	2023.23	2045.496	2.0128	34.6292	95.834	1491.72	62221	24
43.2247	2024.288	2046.571	2.0123	34.6291	95.946	1491.73	62245	24
43.2413	2025.143	2047.439	2.011	34.6292	95.96	1491.74	62269	24
43.258	2025.746	2048.053	2.0109	34.6291	96.043	1491.75	62293	24
43.2747	2026.267	2048.581	2.011	34.6291	96.042	1491.76	62317	24
43.2913	2026.989	2049.315	2.011	34.6291	96.164	1491.77	62341	24
43.308	2027.968	2050.31	2.0107	34.6293	96.2	1491.79	62365	24
43.3247	2029.12	2051.48	2.0101	34.6292	96.254	1491.81	62389	24
43.3413	2030.293	2052.671	2.0086	34.6295	96.213	1491.82	62413	24
43.358	2031.368	2053.764	2.0079	34.6295	96.273	1491.84	62437	24
43.3747	2032.419	2054.831	2.0077	34.6295	96.258	1491.85	62461	24
43.3913	2033.532	2055.962	2.0069	34.6295	96.342	1491.87	62485	24
43.408	2034.626	2057.073	2.0062	34.6296	96.366	1491.88	62509	24
43.4247	2035.52	2057.982	2.0054	34.6295	96.379	1491.9	62533	24
43.4413	2036.157	2058.629	2.0046	34.6295	96.419	1491.9	62557	24
43.458	2036.656	2059.136	2.0038	34.6297	96.458	1491.91	62581	24
43.4747	2037.265	2059.754	2.0026	34.6297	96.536	1491.91	62605	24
43.4913	2038.154	2060.658	2.0006	34.6301	96.582	1491.92	62629	24
43.508	2039.314	2061.836	1.999	34.6302	96.609	1491.93	62653	24
43.5247	2040.607	2063.149	1.9988	34.6302	96.612	1491.95	62677	24
43.5413	2041.897	2064.46	1.9983	34.6303	96.652	1491.97	62701	24
43.558	2043.029	2065.611	1.9975	34.6303	96.692	1491.99	62725	24

43.5747	2043.967	2066.563	1.9971	34.6303	96.81	1492	62749	24
43.5913	2044.845	2067.456	1.9956	34.6303	96.833	1492.01	62773	24
43.608	2045.829	2068.455	1.9934	34.6306	96.888	1492.02	62797	24
43.6247	2046.83	2069.472	1.9921	34.6306	96.897	1492.03	62821	24
43.6413	2047.658	2070.313	1.9889	34.6309	96.976	1492.03	62845	24
43.658	2048.314	2070.98	1.9872	34.631	97.041	1492.04	62869	24
43.6747	2048.997	2071.674	1.9868	34.631	97.059	1492.05	62893	24
43.6913	2049.903	2072.595	1.9858	34.6312	97.125	1492.06	62917	24
43.708	2050.99	2073.699	1.9851	34.6313	97.194	1492.07	62941	24
43.7247	2052.061	2074.786	1.9848	34.6313	97.291	1492.09	62965	24
43.7413	2052.911	2075.65	1.9845	34.6313	97.333	1492.1	62989	24
43.758	2053.58	2076.33	1.9844	34.6313	97.373	1492.11	63013	24
43.7747	2054.334	2077.097	1.9844	34.6313	97.45	1492.13	63037	24
43.7913	2055.334	2078.112	1.9846	34.631	97.448	1492.14	63061	24
43.808	2056.549	2079.347	1.9843	34.6314	97.518	1492.17	63085	24
43.8247	2057.85	2080.669	1.9835	34.6314	97.605	1492.18	63109	24
43.8413	2059.101	2081.94	1.9818	34.6316	97.618	1492.2	63133	24
43.858	2060.248	2083.104	1.9808	34.6317	97.635	1492.21	63157	24
43.8747	2061.286	2084.16	1.9802	34.6317	97.658	1492.23	63181	24
43.8913	2062.233	2085.121	1.9785	34.6318	97.743	1492.24	63205	24
43.908	2063.079	2085.982	1.9779	34.6318	97.823	1492.25	63229	24
43.9247	2063.827	2086.741	1.9776	34.6318	97.796	1492.26	63253	24
43.9413	2064.472	2087.397	1.9771	34.6318	97.859	1492.27	63277	24
43.958	2065.044	2087.978	1.9768	34.6318	97.852	1492.28	63301	24
43.9747	2065.706	2088.651	1.9763	34.632	97.885	1492.29	63325	24
43.9913	2066.622	2089.582	1.9757	34.632	97.906	1492.3	63349	24
44.008	2067.791	2090.769	1.9758	34.6321	97.921	1492.32	63373	24
44.0247	2069.079	2092.077	1.9748	34.632	97.919	1492.34	63397	24
44.0413	2070.328	2093.347	1.9741	34.6322	97.944	1492.36	63421	24
44.058	2071.424	2094.461	1.9743	34.632	97.959	1492.38	63445	24
44.0747	2072.307	2095.358	1.9736	34.6321	98.01	1492.39	63469	24
44.0913	2073.033	2096.096	1.9734	34.6321	98.088	1492.4	63493	24
44.108	2073.804	2096.879	1.9732	34.6321	98.151	1492.41	63517	24
44.1247	2074.74	2097.83	1.9725	34.6322	98.121	1492.43	63541	24

44.1413	2075.806	2098.914	1.9722	34.6323	98.136	1492.44	63565	24
44.158	2076.927	2100.052	1.9718	34.6322	98.189	1492.46	63589	24
44.1747	2078.004	2101.146	1.9706	34.6323	98.207	1492.47	63613	24
44.1913	2078.938	2102.096	1.97	34.6322	98.251	1492.49	63637	24
44.208	2079.667	2102.837	1.9701	34.632	98.26	1492.5	63661	24
44.2247	2080.231	2103.409	1.9703	34.6321	98.283	1492.51	63685	24
44.2413	2080.85	2104.038	1.9704	34.6321	98.283	1492.52	63709	24
44.258	2081.764	2104.967	1.9704	34.6321	98.318	1492.54	63733	24
44.2747	2083.015	2106.239	1.97	34.6322	98.321	1492.56	63757	24
44.2913	2084.451	2107.697	1.9693	34.6323	98.349	1492.58	63781	24
44.308	2085.882	2109.152	1.9681	34.6325	98.364	1492.6	63805	24
44.3247	2087.114	2110.404	1.9663	34.6327	98.393	1492.61	63829	24
44.3413	2087.971	2111.275	1.9658	34.6325	98.398	1492.62	63853	24
44.358	2088.44	2111.751	1.9656	34.6324	98.39	1492.63	63877	24
44.3747	2088.802	2112.119	1.9649	34.6325	98.411	1492.63	63901	24
44.3913	2089.447	2112.774	1.9648	34.6326	98.466	1492.64	63925	24
44.408	2090.348	2113.69	1.9641	34.6327	98.479	1492.66	63949	24
44.4247	2091.396	2114.755	1.9617	34.6329	98.492	1492.66	63973	24
44.4413	2092.554	2115.932	1.9607	34.6331	98.525	1492.68	63997	24
44.458	2093.742	2117.14	1.9599	34.6332	98.52	1492.7	64021	24
44.4747	2094.901	2118.317	1.9592	34.6332	98.583	1492.72	64045	24
44.4913	2095.945	2119.378	1.9586	34.6333	98.599	1492.73	64069	24
44.508	2096.845	2120.293	1.9582	34.6331	98.657	1492.74	64093	24
44.5247	2097.698	2121.16	1.9575	34.6333	98.723	1492.75	64117	24
44.5413	2098.615	2122.091	1.9576	34.6333	98.75	1492.77	64141	24
44.558	2099.576	2123.068	1.9569	34.6334	98.81	1492.78	64165	24
44.5747	2100.49	2123.996	1.9556	34.6336	98.841	1492.79	64189	24
44.5913	2101.358	2124.879	1.9554	34.6334	98.883	1492.81	64213	24
44.608	2102.286	2125.822	1.9549	34.6336	98.912	1492.82	64237	24
44.6247	2103.303	2126.855	1.9536	34.6336	98.937	1492.83	64261	24
44.6413	2104.31	2127.879	1.953	34.6337	98.959	1492.85	64285	24
44.658	2105.195	2128.778	1.9524	34.6337	99.003	1492.86	64309	24
44.6747	2105.942	2129.537	1.9522	34.6336	98.976	1492.87	64333	24
44.6913	2106.678	2130.285	1.9521	34.6337	98.971	1492.89	64357	24

44.708	2107.579	2131.202	1.9519	34.6336	99.014	1492.9	64381	24
44.7247	2108.717	2132.357	1.9516	34.6338	99.06	1492.92	64405	24
44.7413	2110.009	2133.67	1.9515	34.6338	99.078	1492.94	64429	24
44.758	2111.285	2134.968	1.9513	34.6338	99.104	1492.96	64453	24
44.7747	2112.345	2136.045	1.9509	34.6337	99.134	1492.98	64477	24
44.7913	2113.069	2136.78	1.9508	34.6337	99.152	1492.99	64501	24
44.808	2113.554	2137.273	1.9509	34.6335	99.151	1493	64525	24
44.8247	2114.188	2137.917	1.9507	34.6336	99.205	1493.01	64549	24
44.8413	2115.164	2138.91	1.9495	34.6338	99.206	1493.02	64573	24
44.858	2116.343	2140.108	1.9482	34.6341	99.271	1493.03	64597	24
44.8747	2117.495	2141.279	1.945	34.6343	99.332	1493.04	64621	24
44.8913	2118.452	2142.252	1.9432	34.6343	99.342	1493.05	64645	24
44.908	2119.285	2143.097	1.9424	34.6344	99.386	1493.06	64669	24
44.9247	2120.163	2143.991	1.9404	34.6346	99.41	1493.07	64693	24
44.9413	2121.158	2145.001	1.9391	34.6347	99.45	1493.08	64717	24
44.958	2122.223	2146.084	1.9388	34.6346	99.473	1493.09	64741	24
44.9747	2123.256	2147.134	1.9384	34.6347	99.525	1493.11	64765	24
44.9913	2124.213	2148.106	1.9384	34.6347	99.577	1493.13	64789	24
45.008	2125.174	2149.083	1.9382	34.6346	99.666	1493.14	64813	24
45.0247	2126.213	2150.139	1.938	34.6346	99.711	1493.16	64837	24
45.0413	2127.266	2151.209	1.9378	34.6348	99.741	1493.18	64861	24
45.058	2128.187	2152.146	1.9377	34.6345	99.777	1493.19	64885	24
45.0747	2128.859	2152.828	1.9374	34.6344	99.757	1493.2	64909	24
45.0913	2129.358	2153.336	1.937	34.6346	99.802	1493.21	64933	24
45.108	2130.075	2154.064	1.9367	34.6348	99.851	1493.22	64957	24
45.1247	2131.173	2155.18	1.9367	34.6347	99.873	1493.24	64981	24
45.1413	2132.491	2156.52	1.9365	34.6348	99.907	1493.26	65005	24
45.158	2133.816	2157.867	1.9366	34.6348	99.932	1493.28	65029	24
45.1747	2135.005	2159.075	1.9367	34.6346	99.971	1493.3	65053	24
45.1913	2136.009	2160.096	1.9368	34.6345	99.947	1493.32	65077	24
45.208	2136.857	2160.957	1.9369	34.6345	99.966	1493.34	65101	24
45.2247	2137.623	2161.736	1.9368	34.6346	99.931	1493.35	65125	24
45.2413	2138.405	2162.531	1.9353	34.6347	99.945	1493.36	65149	24
45.258	2139.246	2163.386	1.9349	34.6348	99.958	1493.37	65173	24

45.2747	2140.12	2164.274	1.9346	34.6348	99.993	1493.38	65197	24
45.2913	2141.014	2165.183	1.9346	34.6347	99.991	1493.4	65221	24
45.308	2141.972	2166.157	1.9341	34.6349	100.043	1493.41	65245	24
45.3247	2143.023	2167.225	1.9339	34.6349	100.104	1493.43	65269	24
45.3413	2144.114	2168.333	1.9338	34.6349	100.096	1493.45	65293	24
45.358	2145.172	2169.409	1.9336	34.6349	100.141	1493.46	65317	24
45.3747	2146.176	2170.43	1.9333	34.635	100.156	1493.48	65341	24
45.3913	2147.101	2171.37	1.9332	34.635	100.184	1493.5	65365	24
45.408	2147.941	2172.224	1.9327	34.635	100.204	1493.51	65389	24
45.4247	2148.753	2173.05	1.931	34.6352	100.205	1493.51	65413	24
45.4413	2149.588	2173.898	1.9293	34.6353	100.235	1493.52	65437	24
45.458	2150.467	2174.791	1.9281	34.6356	100.22	1493.53	65461	24
45.4747	2151.433	2175.773	1.927	34.6356	100.243	1493.54	65485	24
45.4913	2152.489	2176.847	1.9265	34.6356	100.244	1493.56	65509	24
45.508	2153.593	2177.969	1.9262	34.6357	100.29	1493.58	65533	24
45.5247	2154.698	2179.092	1.9252	34.6357	100.308	1493.59	65557	24
45.5413	2155.79	2180.202	1.9246	34.6359	100.34	1493.61	65581	24
45.558	2156.853	2181.283	1.9242	34.6358	100.348	1493.62	65605	24
45.5747	2157.88	2182.327	1.9239	34.6358	100.378	1493.64	65629	24
45.5913	2158.856	2183.318	1.9235	34.6359	100.446	1493.66	65653	24
45.608	2159.724	2184.201	1.9232	34.6359	100.512	1493.67	65677	24
45.6247	2160.442	2184.931	1.923	34.6357	100.53	1493.68	65701	24
45.6413	2161.085	2185.585	1.9228	34.6357	100.57	1493.69	65725	24
45.658	2161.757	2186.268	1.9228	34.6358	100.579	1493.7	65749	24
45.6747	2162.515	2187.038	1.9227	34.6358	100.62	1493.71	65773	24
45.6913	2163.423	2187.962	1.9227	34.6358	100.64	1493.73	65797	24
45.708	2164.534	2189.09	1.9225	34.6358	100.649	1493.75	65821	24
45.7247	2165.789	2190.366	1.9217	34.636	100.683	1493.77	65845	24
45.7413	2167.038	2191.636	1.9211	34.636	100.679	1493.79	65869	24
45.758	2168.093	2192.708	1.9206	34.636	100.702	1493.8	65893	24
45.7747	2168.87	2193.499	1.9204	34.636	100.706	1493.81	65917	24
45.7913	2169.517	2194.155	1.9202	34.6359	100.769	1493.82	65941	24
45.808	2170.305	2194.957	1.9202	34.636	100.826	1493.84	65965	24
45.8247	2171.337	2196.007	1.9198	34.636	100.833	1493.85	65989	24

45.8413	2172.52	2197.209	1.919	34.6362	100.821	1493.87	66013	24
45.858	2173.743	2198.452	1.9178	34.6363	100.886	1493.89	66037	24
45.8747	2174.889	2199.618	1.9167	34.6362	100.837	1493.9	66061	24
45.8913	2175.865	2200.61	1.9162	34.6362	100.867	1493.92	66085	24
45.908	2176.668	2201.425	1.9157	34.6363	100.879	1493.93	66109	24
45.9247	2177.413	2202.183	1.9158	34.6363	100.904	1493.94	66133	24
45.9413	2178.227	2203.01	1.9152	34.6364	100.925	1493.95	66157	24
45.958	2179.145	2203.943	1.9141	34.6364	100.986	1493.96	66181	24
45.9747	2180.135	2204.95	1.9124	34.6366	101.019	1493.97	66205	24
45.9913	2181.135	2205.967	1.9115	34.6368	101.028	1493.99	66229	24
46.008	2182.099	2206.947	1.9102	34.6367	101.098	1494	66253	24
46.0247	2183.063	2207.927	1.9094	34.6369	101.105	1494.01	66277	24
46.0413	2184.039	2208.919	1.9092	34.6368	101.127	1494.03	66301	24
46.058	2184.975	2209.871	1.9089	34.6368	101.149	1494.04	66325	24
46.0747	2185.853	2210.763	1.9084	34.6369	101.2	1494.05	66349	24
46.0913	2186.706	2211.631	1.908	34.6368	101.267	1494.07	66373	24
46.108	2187.58	2212.519	1.9074	34.637	101.28	1494.08	66397	24
46.1247	2188.536	2213.491	1.9073	34.6369	101.363	1494.1	66421	24
46.1413	2189.564	2214.536	1.9062	34.637	101.357	1494.11	66445	24
46.158	2190.582	2215.571	1.9052	34.6372	101.397	1494.12	66469	24
46.1747	2191.555	2216.56	1.9026	34.6373	101.424	1494.13	66493	24
46.1913	2192.495	2217.516	1.9017	34.6375	101.462	1494.14	66517	24
46.208	2193.447	2218.484	1.9012	34.6375	101.485	1494.15	66541	24
46.2247	2194.438	2219.492	1.8998	34.6376	101.533	1494.16	66565	24
46.2413	2195.47	2220.541	1.8989	34.6377	101.557	1494.18	66589	24
46.258	2196.535	2221.623	1.8981	34.6379	101.643	1494.19	66613	24
46.2747	2197.601	2222.707	1.8979	34.6378	101.681	1494.21	66637	24
46.2913	2198.638	2223.762	1.8974	34.6379	101.758	1494.23	66661	24
46.308	2199.592	2224.732	1.8968	34.638	101.757	1494.24	66685	24
46.3247	2200.381	2225.534	1.8968	34.6379	101.837	1494.25	66709	24
46.3413	2200.993	2226.156	1.8968	34.6376	101.9	1494.26	66733	24
46.358	2201.636	2226.81	1.8961	34.6379	101.903	1494.27	66757	24
46.3747	2202.558	2227.747	1.8949	34.6381	101.972	1494.28	66781	24
46.3913	2203.739	2228.948	1.8926	34.6383	101.972	1494.29	66805	24

46.408	2204.979	2230.208	1.8919	34.6385	102.014	1494.31	66829	24
46.4247	2206.093	2231.341	1.8919	34.6383	102.014	1494.33	66853	24
46.4413	2207.03	2232.294	1.8917	34.6383	102.043	1494.34	66877	24
46.458	2207.865	2233.143	1.8916	34.6383	102.109	1494.36	66901	24
46.4747	2208.703	2233.995	1.8917	34.6382	102.166	1494.38	66925	24
46.4913	2209.545	2234.851	1.8911	34.6384	102.233	1494.39	66949	24
46.508	2210.345	2235.664	1.8903	34.6383	102.247	1494.4	66973	24
46.5247	2211.182	2236.516	1.8895	34.6385	102.268	1494.41	66997	24
46.5413	2212.169	2237.519	1.8888	34.6385	102.291	1494.42	67021	24
46.558	2213.3	2238.669	1.8875	34.6388	102.356	1494.43	67045	24
46.5747	2214.488	2239.877	1.8874	34.6388	102.358	1494.46	67069	24
46.5913	2215.651	2241.06	1.8874	34.6387	102.382	1494.48	67093	24
46.608	2216.702	2242.128	1.8871	34.6387	102.39	1494.49	67117	24
46.6247	2217.598	2243.04	1.8873	34.6386	102.402	1494.51	67141	24
46.6413	2218.371	2243.825	1.8871	34.6387	102.452	1494.52	67165	24
46.658	2219.117	2244.584	1.8871	34.6386	102.485	1494.53	67189	24
46.6747	2219.951	2245.432	1.8869	34.6387	102.513	1494.55	67213	24
46.6913	2220.929	2246.426	1.8863	34.6388	102.521	1494.56	67237	24
46.708	2222.017	2247.533	1.8863	34.6387	102.552	1494.58	67261	24
46.7247	2223.137	2248.671	1.8861	34.6389	102.567	1494.6	67285	24
46.7413	2224.207	2249.759	1.8863	34.6387	102.598	1494.62	67309	24
46.758	2225.128	2250.696	1.8863	34.6388	102.634	1494.63	67333	24
46.7747	2225.859	2251.439	1.886	34.6387	102.606	1494.64	67357	24
46.7913	2226.537	2252.128	1.8859	34.6387	102.601	1494.66	67381	24
46.808	2227.365	2252.97	1.8858	34.6388	102.62	1494.67	67405	24
46.8247	2228.36	2253.982	1.8857	34.6388	102.603	1494.69	67429	24
46.8413	2229.438	2255.079	1.8845	34.6389	102.63	1494.7	67453	24
46.858	2230.509	2256.168	1.8804	34.6392	102.601	1494.7	67477	24
46.8747	2231.521	2257.196	1.8799	34.6394	102.617	1494.72	67501	24
46.8913	2232.51	2258.202	1.8789	34.6394	102.625	1494.73	67525	24
46.908	2233.559	2259.269	1.8787	34.6394	102.671	1494.75	67549	24
46.9247	2234.623	2260.351	1.8785	34.6393	102.749	1494.76	67573	24
46.9413	2235.577	2261.321	1.8782	34.6394	102.817	1494.78	67597	24
46.958	2236.354	2262.111	1.878	34.6394	102.836	1494.79	67621	24

46.9747	2237.102	2262.872	1.8773	34.6394	102.887	1494.8	67645	24
46.9913	2238.013	2263.798	1.8765	34.6396	102.917	1494.81	67669	24
47.008	2239.101	2264.904	1.8763	34.6395	102.995	1494.83	67693	24
47.0247	2240.261	2266.084	1.8762	34.6396	103.027	1494.85	67717	24
47.0413	2241.368	2267.21	1.8747	34.6397	103.062	1494.86	67741	24
47.058	2242.37	2268.229	1.8733	34.6399	103.095	1494.87	67765	24
47.0747	2243.263	2269.137	1.8719	34.64	103.111	1494.88	67789	24
47.0913	2244.04	2269.927	1.871	34.6399	103.148	1494.89	67813	24
47.108	2244.739	2270.638	1.8711	34.64	103.134	1494.91	67837	24
47.1247	2245.502	2271.414	1.8711	34.64	103.176	1494.92	67861	24
47.1413	2246.463	2272.391	1.8708	34.6401	103.198	1494.93	67885	24
47.158	2247.57	2273.517	1.8719	34.64	103.218	1494.96	67909	24
47.1747	2248.703	2274.669	1.8718	34.64	103.235	1494.98	67933	24
47.1913	2249.787	2275.771	1.8724	34.64	103.264	1495	67957	24
47.208	2250.786	2276.787	1.8723	34.6399	103.263	1495.01	67981	24
47.2247	2251.721	2277.739	1.8722	34.6398	103.315	1495.03	68005	24
47.2413	2252.647	2278.68	1.8721	34.6399	103.344	1495.04	68029	24
47.258	2253.535	2279.583	1.8717	34.64	103.358	1495.06	68053	24
47.2747	2254.302	2280.363	1.8713	34.64	103.339	1495.07	68077	24
47.2913	2255.007	2281.08	1.871	34.64	103.388	1495.08	68101	24
47.308	2255.852	2281.939	1.8706	34.6401	103.362	1495.09	68125	24
47.3247	2256.926	2283.032	1.8704	34.6401	103.417	1495.11	68149	24
47.3413	2258.16	2284.287	1.87	34.6401	103.404	1495.13	68173	24
47.358	2259.414	2285.562	1.8694	34.6403	103.4	1495.15	68197	24
47.3747	2260.511	2286.677	1.8692	34.6403	103.447	1495.17	68221	24
47.3913	2261.364	2287.545	1.8691	34.6402	103.437	1495.18	68245	24
47.408	2262.033	2288.226	1.8693	34.6401	103.469	1495.19	68269	24
47.4247	2262.761	2288.965	1.8693	34.6401	103.495	1495.21	68293	24
47.4413	2263.738	2289.959	1.8689	34.6404	103.556	1495.22	68317	24
47.458	2264.915	2291.157	1.8685	34.6403	103.574	1495.24	68341	24
47.4747	2266.113	2292.375	1.8661	34.6405	103.589	1495.25	68365	24
47.4913	2267.145	2293.425	1.8644	34.6407	103.562	1495.26	68389	24
47.508	2267.928	2294.22	1.8641	34.6405	103.62	1495.27	68413	24
47.5247	2268.565	2294.869	1.8641	34.6405	103.575	1495.28	68437	24

47.5413	2269.296	2295.612	1.864	34.6408	103.601	1495.3	68461	24
47.558	2270.171	2296.502	1.864	34.6406	103.652	1495.31	68485	24
47.5747	2271.149	2297.497	1.8639	34.6408	103.713	1495.33	68509	24
47.5913	2272.167	2298.532	1.8633	34.6406	103.737	1495.34	68533	24
47.608	2273.17	2299.552	1.8623	34.6408	103.746	1495.36	68557	24
47.6247	2274.21	2300.61	1.8615	34.641	103.824	1495.37	68581	24
47.6413	2275.368	2301.788	1.8615	34.641	103.833	1495.39	68605	24
47.658	2276.561	2303.001	1.8615	34.641	103.804	1495.41	68629	24
47.6747	2277.598	2304.056	1.8614	34.641	103.881	1495.43	68653	24
47.6913	2278.4	2304.871	1.8615	34.6409	103.9	1495.44	68677	24
47.708	2279.086	2305.569	1.8616	34.6409	103.909	1495.45	68701	24
47.7247	2279.889	2306.386	1.8615	34.641	103.929	1495.47	68725	24
47.7413	2280.904	2307.418	1.8614	34.6409	103.936	1495.48	68749	24
47.758	2282.043	2308.577	1.8611	34.6409	104.007	1495.5	68773	24
47.7747	2283.138	2309.691	1.8612	34.6409	103.96	1495.52	68797	24
47.7913	2284.1	2310.669	1.8613	34.6409	103.966	1495.54	68821	24
47.808	2284.943	2311.526	1.8614	34.641	104.025	1495.55	68845	24
47.8247	2285.741	2312.338	1.8614	34.6409	104.067	1495.57	68869	24
47.8413	2286.562	2313.173	1.8613	34.6409	104.056	1495.58	68893	24
47.858	2287.48	2314.106	1.8614	34.641	104.138	1495.6	68917	24
47.8747	2288.495	2315.139	1.8615	34.641	104.083	1495.61	68941	24
47.8913	2289.535	2316.197	1.8614	34.6409	104.074	1495.63	68965	24
47.908	2290.524	2317.203	1.8607	34.641	104.052	1495.65	68989	24
47.9247	2291.418	2318.112	1.8604	34.6412	104.034	1495.66	69013	24
47.9413	2292.24	2318.948	1.8598	34.641	104.071	1495.67	69037	24
47.958	2293.133	2319.857	1.8591	34.6413	104.046	1495.68	69061	24
47.9747	2294.235	2320.978	1.8587	34.6413	104.024	1495.7	69085	24
47.9913	2295.471	2322.235	1.8581	34.6414	104.067	1495.72	69109	24
48.008	2296.581	2323.364	1.8573	34.6415	104.092	1495.74	69133	24
48.0247	2297.388	2324.185	1.857	34.6413	104.128	1495.75	69157	24
48.0413	2297.995	2324.802	1.8568	34.6414	104.122	1495.76	69181	24
48.058	2298.762	2325.582	1.8565	34.6416	104.234	1495.77	69205	24
48.0747	2299.859	2326.698	1.8561	34.6415	104.189	1495.79	69229	24
48.0913	2301.147	2328.009	1.8552	34.6416	104.28	1495.81	69253	24

48.108	2302.38	2329.262	1.8541	34.6417	104.246	1495.82	69277	24
48.1247	2303.334	2330.233	1.8528	34.6419	104.294	1495.83	69301	24
48.1413	2303.967	2330.877	1.8526	34.6418	104.28	1495.84	69325	24
48.158	2304.566	2331.486	1.8522	34.6419	104.282	1495.85	69349	24
48.1747	2305.461	2332.397	1.8515	34.6421	104.312	1495.86	69373	24
48.1913	2306.599	2333.555	1.8508	34.6421	104.354	1495.88	69397	24
48.208	2307.783	2334.758	1.8501	34.6422	104.341	1495.9	69421	24
48.2247	2308.878	2335.872	1.8499	34.6422	104.388	1495.92	69445	24
48.2413	2309.83	2336.841	1.8493	34.6422	104.411	1495.93	69469	24
48.258	2310.7	2337.726	1.8487	34.6422	104.488	1495.94	69493	24
48.2747	2311.571	2338.612	1.8488	34.6424	104.453	1495.96	69517	24
48.2913	2312.464	2339.521	1.8488	34.642	104.536	1495.97	69541	24
48.308	2313.33	2340.401	1.8489	34.6422	104.579	1495.99	69565	24
48.3247	2314.15	2341.235	1.849	34.6422	104.622	1496	69589	24
48.3413	2315.002	2342.102	1.849	34.6422	104.642	1496.02	69613	24
48.358	2315.993	2343.11	1.849	34.6422	104.656	1496.03	69637	24
48.3747	2317.122	2344.259	1.8489	34.6422	104.665	1496.05	69661	24
48.3913	2318.281	2345.437	1.8485	34.6424	104.675	1496.07	69685	24
48.408	2319.292	2346.466	1.8479	34.6423	104.699	1496.08	69709	24
48.4247	2320.094	2347.282	1.8475	34.6425	104.719	1496.1	69733	24
48.4413	2320.82	2348.02	1.8475	34.6425	104.722	1496.11	69757	24
48.458	2321.663	2348.878	1.8463	34.6425	104.714	1496.12	69781	24
48.4747	2322.671	2349.903	1.845	34.6426	104.771	1496.13	69805	24
48.4913	2323.798	2351.05	1.8448	34.6428	104.764	1496.15	69829	24
48.508	2325.012	2352.285	1.8446	34.6428	104.805	1496.17	69853	24
48.5247	2326.261	2353.556	1.8445	34.6427	104.823	1496.19	69877	24
48.5413	2327.409	2354.723	1.8446	34.6428	104.879	1496.21	69901	24
48.558	2328.275	2355.605	1.8445	34.6428	104.907	1496.23	69925	24
48.5747	2328.827	2356.166	1.8441	34.6427	104.916	1496.23	69949	24
48.5913	2329.371	2356.719	1.8424	34.6428	104.952	1496.24	69973	24
48.608	2330.244	2357.608	1.8414	34.6431	104.936	1496.25	69997	24
48.6247	2331.353	2358.736	1.8412	34.643	104.976	1496.26	70021	24
48.6413	2332.446	2359.847	1.8405	34.6432	104.977	1496.28	70045	24
48.658	2333.345	2360.762	1.8402	34.6431	104.991	1496.29	70069	24

48.6747	2334.1	2361.53	1.8393	34.6431	105.075	1496.3	70093	24
48.6913	2334.95	2362.395	1.839	34.6433	105.073	1496.32	70117	24
48.708	2336.033	2363.497	1.8384	34.6435	105.105	1496.33	70141	24
48.7247	2337.238	2364.723	1.8383	34.6434	105.138	1496.35	70165	24
48.7413	2338.354	2365.859	1.8365	34.6433	105.199	1496.37	70189	24
48.758	2339.233	2366.753	1.8344	34.6436	105.248	1496.37	70213	24
48.7747	2339.941	2367.474	1.8339	34.6436	105.259	1496.38	70237	24
48.7913	2340.73	2368.276	1.8338	34.6436	105.24	1496.39	70261	24
48.808	2341.702	2369.264	1.8332	34.6438	105.365	1496.41	70285	24
48.8247	2342.77	2370.351	1.8324	34.6438	105.343	1496.42	70309	24
48.8413	2343.85	2371.45	1.832	34.6439	105.407	1496.44	70333	24
48.858	2344.932	2372.551	1.8317	34.6439	105.455	1496.46	70357	24
48.8747	2345.991	2373.628	1.8318	34.6438	105.493	1496.48	70381	24
48.8913	2346.994	2374.648	1.8306	34.6438	105.495	1496.49	70405	24
48.908	2347.92	2375.591	1.8294	34.6439	105.512	1496.5	70429	24
48.9247	2348.738	2376.423	1.8291	34.6441	105.556	1496.51	70453	24
48.9413	2349.539	2377.238	1.8289	34.644	105.56	1496.52	70477	24
48.958	2350.456	2378.171	1.8287	34.6441	105.637	1496.54	70501	24
48.9747	2351.472	2379.204	1.828	34.6441	105.638	1496.55	70525	24
48.9913	2352.472	2380.222	1.8271	34.6442	105.701	1496.57	70549	24
49.008	2353.391	2381.157	1.8262	34.6442	105.725	1496.58	70573	24
49.0247	2354.265	2382.047	1.8253	34.6442	105.748	1496.59	70597	24
49.0413	2355.143	2382.939	1.8252	34.6443	105.808	1496.61	70621	24
49.058	2356.095	2383.909	1.8247	34.6444	105.831	1496.62	70645	24
49.0747	2357.109	2384.94	1.8245	34.6445	105.846	1496.64	70669	24
49.0913	2358.144	2385.993	1.8244	34.6445	105.909	1496.65	70693	24
49.108	2359.153	2387.02	1.8244	34.6445	105.939	1496.67	70717	24
49.1247	2360.106	2387.99	1.8244	34.6443	105.992	1496.69	70741	24
49.1413	2360.947	2388.845	1.8242	34.6444	106.013	1496.7	70765	24
49.158	2361.73	2389.641	1.8233	34.6445	106.073	1496.71	70789	24
49.1747	2362.613	2390.54	1.8211	34.6447	106.069	1496.72	70813	24
49.1913	2363.653	2391.598	1.817	34.6451	106.063	1496.72	70837	24
49.208	2364.784	2392.749	1.8149	34.6454	106.077	1496.73	70861	24
49.2247	2365.953	2393.938	1.8141	34.6454	106.088	1496.74	70885	24

49.2413	2367.106	2395.112	1.8136	34.6453	106.154	1496.76	70909	24
49.258	2368.16	2396.184	1.8127	34.6453	106.187	1496.78	70933	24
49.2747	2369.02	2397.059	1.8114	34.6454	106.235	1496.79	70957	24
49.2913	2369.671	2397.721	1.8109	34.6453	106.261	1496.79	70981	24
49.308	2370.251	2398.312	1.8107	34.6452	106.364	1496.8	71005	24
49.3247	2371.023	2399.098	1.8105	34.6454	106.463	1496.82	71029	24
49.3413	2372.074	2400.167	1.8101	34.6453	106.471	1496.83	71053	24
49.358	2373.241	2401.354	1.8098	34.6455	106.552	1496.85	71077	24
49.3747	2374.321	2402.454	1.8093	34.6454	106.554	1496.87	71101	24
49.3913	2375.288	2403.438	1.8086	34.6455	106.585	1496.88	71125	24
49.408	2376.307	2404.474	1.8086	34.6456	106.655	1496.9	71149	24
49.4247	2377.481	2405.668	1.8085	34.6457	106.688	1496.92	71173	24
49.4413	2378.717	2406.926	1.8086	34.6456	106.753	1496.94	71197	24
49.458	2379.81	2408.039	1.8082	34.6456	106.794	1496.96	71221	24
49.4747	2380.576	2408.818	1.8055	34.6457	106.844	1496.96	71245	24
49.4913	2381.014	2409.263	1.8043	34.6457	106.846	1496.96	71269	24
49.508	2381.46	2409.717	1.8037	34.6458	106.87	1496.97	71293	24
49.5247	2382.224	2410.494	1.8034	34.6458	106.906	1496.98	71317	24
49.5413	2383.182	2411.47	1.8027	34.6459	106.953	1496.99	71341	24
49.558	2384.249	2412.555	1.8023	34.646	107.009	1497.01	71365	24
49.5747	2385.426	2413.753	1.8016	34.646	107.028	1497.02	71389	24
49.5913	2386.685	2415.035	1.8005	34.6462	107.073	1497.04	71413	24
49.608	2387.898	2416.269	1.7987	34.6463	107.127	1497.05	71437	24
49.6247	2388.961	2417.351	1.798	34.6465	107.2	1497.07	71461	24
49.6413	2389.889	2418.295	1.7976	34.6464	107.215	1497.08	71485	24
49.658	2390.829	2419.251	1.7974	34.6464	107.276	1497.1	71509	24
49.6747	2391.882	2420.324	1.7973	34.6464	107.324	1497.12	71533	24
49.6913	2392.956	2421.416	1.7961	34.6465	107.374	1497.13	71557	24
49.708	2393.847	2422.323	1.7938	34.6468	107.394	1497.14	71581	24
49.7247	2394.464	2422.951	1.7936	34.6466	107.395	1497.15	71605	24
49.7413	2394.946	2423.44	1.7934	34.6467	107.419	1497.15	71629	24
49.758	2395.658	2424.166	1.7931	34.6469	107.43	1497.16	71653	24
49.7747	2396.701	2425.227	1.7929	34.6468	107.462	1497.18	71677	24
49.7913	2397.895	2426.442	1.7926	34.647	107.512	1497.2	71701	24

49.808	2399.004	2427.571	1.7929	34.6468	107.575	1497.22	71725	24
49.8247	2399.929	2428.512	1.7929	34.6469	107.596	1497.24	71749	24
49.8413	2400.773	2429.371	1.792	34.6471	107.611	1497.25	71773	24
49.858	2401.721	2430.336	1.7919	34.647	107.665	1497.26	71797	24
49.8747	2402.869	2431.503	1.792	34.647	107.705	1497.28	71821	24
49.8913	2404.174	2432.832	1.7923	34.6469	107.716	1497.31	71845	24
49.908	2405.464	2434.145	1.7923	34.6469	107.759	1497.33	71869	24
49.9247	2406.55	2435.251	1.7921	34.6471	107.791	1497.35	71893	24
49.9413	2407.371	2436.086	1.7922	34.6469	107.803	1497.36	71917	24
49.958	2408.043	2436.769	1.7922	34.6469	107.758	1497.37	71941	24
49.9747	2408.706	2437.445	1.7924	34.6468	107.775	1497.39	71965	24
49.9913	2409.412	2438.163	1.792	34.6469	107.802	1497.4	71989	24
50.008	2410.182	2438.946	1.7921	34.6468	107.75	1497.41	72013	24
50.0247	2411.047	2439.827	1.7916	34.6471	107.764	1497.42	72037	24
50.0413	2412.025	2440.822	1.7914	34.647	107.779	1497.44	72061	24
50.058	2413.159	2441.976	1.7913	34.6471	107.812	1497.46	72085	24
50.0747	2414.382	2443.221	1.7909	34.6473	107.855	1497.48	72109	24
50.0913	2415.544	2444.404	1.7906	34.6472	107.889	1497.5	72133	24
50.108	2416.559	2445.436	1.789	34.6474	107.916	1497.51	72157	24
50.1247	2417.483	2446.377	1.7889	34.6474	107.93	1497.52	72181	24
50.1413	2418.424	2447.334	1.7888	34.6474	107.928	1497.54	72205	24
50.158	2419.379	2448.307	1.7884	34.6474	107.935	1497.55	72229	24
50.1747	2420.305	2449.248	1.7878	34.6475	107.959	1497.57	72253	24
50.1913	2421.136	2450.094	1.7876	34.6474	107.98	1497.58	72277	24
50.208	2421.911	2450.883	1.7875	34.6475	107.968	1497.59	72301	24
50.2247	2422.77	2451.757	1.7863	34.6476	108.007	1497.6	72325	24
50.2413	2423.759	2452.764	1.7855	34.6478	108.048	1497.62	72349	24
50.258	2424.817	2453.841	1.7853	34.6479	108.024	1497.63	72373	24
50.2747	2425.896	2454.939	1.7852	34.6478	108.064	1497.65	72397	24
50.2913	2426.989	2456.052	1.7851	34.6478	108.025	1497.67	72421	24
50.308	2428.07	2457.152	1.7851	34.6478	108.097	1497.69	72445	24
50.3247	2429.126	2458.226	1.7849	34.6478	108.09	1497.71	72469	24
50.3413	2430.129	2459.248	1.7844	34.6478	108.13	1497.72	72493	24
50.358	2431.008	2460.142	1.7841	34.6478	108.175	1497.73	72517	24

50.3747	2431.76	2460.907	1.7837	34.6478	108.195	1497.75	72541	24
50.3913	2432.541	2461.702	1.7836	34.6479	108.191	1497.76	72565	24
50.408	2433.458	2462.636	1.7823	34.648	108.216	1497.77	72589	24
50.4247	2434.419	2463.614	1.7808	34.6481	108.258	1497.78	72613	24
50.4413	2435.362	2464.574	1.78	34.6482	108.275	1497.79	72637	24
50.458	2436.294	2465.523	1.7792	34.6484	108.267	1497.81	72661	24
50.4747	2437.209	2466.454	1.7779	34.6484	108.308	1497.82	72685	24
50.4913	2438.115	2467.376	1.7774	34.6485	108.299	1497.83	72709	24
50.508	2439.06	2468.338	1.7773	34.6484	108.329	1497.84	72733	24
50.5247	2440.044	2469.34	1.7769	34.6485	108.353	1497.86	72757	24
50.5413	2441.045	2470.358	1.7754	34.6485	108.348	1497.87	72781	24
50.558	2442.081	2471.412	1.7723	34.6489	108.467	1497.88	72805	24
50.5747	2443.163	2472.514	1.7695	34.6491	108.562	1497.88	72829	24
50.5913	2444.244	2473.615	1.7687	34.6491	108.564	1497.9	72853	24
50.608	2445.29	2474.679	1.7676	34.6492	108.63	1497.91	72877	24
50.6247	2446.295	2475.702	1.7652	34.6495	108.692	1497.92	72901	24
50.6413	2447.245	2476.669	1.764	34.6495	108.805	1497.93	72925	24
50.658	2448.132	2477.572	1.7629	34.6497	108.837	1497.94	72949	24
50.6747	2448.965	2478.42	1.7627	34.6495	108.906	1497.95	72973	24
50.6913	2449.734	2479.203	1.7622	34.6495	108.998	1497.96	72997	24
50.708	2450.445	2479.926	1.762	34.6495	109.081	1497.98	73021	24
50.7247	2451.193	2480.688	1.7615	34.6496	109.117	1497.99	73045	24
50.7413	2452.081	2481.591	1.7602	34.6498	109.222	1498	73069	24
50.758	2453.144	2482.673	1.7598	34.6498	109.31	1498.01	73093	24
50.7747	2454.326	2483.877	1.7583	34.6496	109.332	1498.03	73117	24
50.7913	2455.539	2485.112	1.756	34.6501	109.397	1498.04	73141	24
50.808	2456.709	2486.303	1.7551	34.6501	109.417	1498.05	73165	24
50.8247	2457.805	2487.418	1.7542	34.6503	109.459	1498.07	73189	24
50.8413	2458.777	2488.408	1.7541	34.6503	109.538	1498.09	73213	24
50.858	2459.569	2489.214	1.7542	34.65	109.638	1498.1	73237	24
50.8747	2460.231	2489.887	1.7543	34.6499	109.647	1498.11	73261	24
50.8913	2460.954	2490.624	1.7539	34.6501	109.739	1498.12	73285	24
50.908	2461.796	2491.48	1.7538	34.65	109.768	1498.14	73309	24
50.9247	2462.693	2492.394	1.7537	34.6503	109.861	1498.15	73333	24

50.9413	2463.645	2493.363	1.7539	34.6501	109.899	1498.17	73357	24
50.958	2464.718	2494.455	1.7539	34.65	109.955	1498.19	73381	24
50.9747	2465.912	2495.67	1.7538	34.6503	109.95	1498.21	73405	24
50.9913	2467.141	2496.921	1.7533	34.6503	109.993	1498.23	73429	24
51.008	2468.278	2498.08	1.7532	34.6502	110.003	1498.24	73453	24
51.0247	2469.215	2499.033	1.7529	34.6501	110.018	1498.26	73477	24
51.0413	2469.955	2499.787	1.7528	34.65	110.061	1498.27	73501	24
51.058	2470.69	2500.534	1.7526	34.6502	110.017	1498.28	73525	24
51.0747	2471.613	2501.474	1.7522	34.6502	110.072	1498.3	73549	24
51.0913	2472.672	2502.552	1.7517	34.6503	110.065	1498.31	73573	24
51.108	2473.711	2503.61	1.7519	34.6502	110.097	1498.33	73597	24
51.1247	2474.634	2504.549	1.7521	34.6502	110.094	1498.35	73621	24
51.1413	2475.492	2505.424	1.7519	34.6503	110.123	1498.36	73645	24
51.158	2476.431	2506.38	1.7517	34.6504	110.114	1498.38	73669	24
51.1747	2477.436	2507.403	1.7513	34.6503	110.139	1498.39	73693	24
51.1913	2478.357	2508.34	1.7505	34.6504	110.171	1498.41	73717	24
51.208	2479.128	2509.124	1.7502	34.6504	110.127	1498.42	73741	24
51.2247	2479.931	2509.943	1.7498	34.6506	110.148	1498.43	73765	24
51.2413	2480.941	2510.971	1.7495	34.6505	110.156	1498.45	73789	24
51.258	2482.131	2512.182	1.7485	34.6507	110.161	1498.46	73813	24
51.2747	2483.303	2513.375	1.7479	34.6508	110.181	1498.48	73837	24
51.2913	2484.288	2514.378	1.7476	34.6507	110.244	1498.5	73861	24
51.308	2485.083	2515.188	1.7475	34.6507	110.233	1498.51	73885	24
51.3247	2485.852	2515.97	1.7475	34.6506	110.332	1498.52	73909	24
51.3413	2486.754	2516.889	1.7469	34.6508	110.339	1498.54	73933	24
51.358	2487.797	2517.95	1.7467	34.6508	110.42	1498.55	73957	24
51.3747	2488.89	2519.063	1.7463	34.6509	110.43	1498.57	73981	24
51.3913	2489.962	2520.154	1.7462	34.6509	110.462	1498.59	74005	24
51.408	2491.015	2521.227	1.7461	34.6509	110.51	1498.61	74029	24
51.4247	2492.064	2522.294	1.7459	34.651	110.543	1498.62	74053	24
51.4413	2493.036	2523.284	1.7459	34.6508	110.534	1498.64	74077	24
51.458	2493.858	2524.121	1.7457	34.6509	110.555	1498.65	74101	24
51.4747	2494.598	2524.875	1.7457	34.6508	110.566	1498.67	74125	24
51.4913	2495.429	2525.721	1.7456	34.651	110.571	1498.68	74149	24

51.508	2496.394	2526.703	1.7456	34.651	110.626	1498.7	74173	24
51.5247	2497.389	2527.716	1.7455	34.6509	110.641	1498.71	74197	24
51.5413	2498.277	2528.619	1.7454	34.6509	110.647	1498.73	74221	24
51.558	2499.04	2529.396	1.7453	34.6508	110.643	1498.74	74245	24
51.5747	2499.814	2530.184	1.7447	34.651	110.632	1498.75	74269	24
51.5913	2500.77	2531.158	1.7445	34.6511	110.647	1498.77	74293	24
51.608	2501.936	2532.345	1.744	34.6511	110.61	1498.79	74317	24
51.6247	2503.178	2533.61	1.7438	34.6512	110.661	1498.81	74341	24
51.6413	2504.361	2534.814	1.7433	34.6513	110.657	1498.82	74365	24
51.658	2505.407	2535.879	1.7429	34.6512	110.69	1498.84	74389	24
51.6747	2506.35	2536.84	1.7424	34.6513	110.722	1498.85	74413	24
51.6913	2507.284	2537.79	1.742	34.6513	110.761	1498.87	74437	24
51.708	2508.255	2538.779	1.7416	34.6513	110.785	1498.88	74461	24
51.7247	2509.219	2539.761	1.7411	34.6514	110.753	1498.9	74485	24
51.7413	2510.081	2540.638	1.7401	34.6515	110.801	1498.91	74509	24
51.758	2510.795	2541.365	1.7397	34.6515	110.797	1498.92	74533	24
51.7747	2511.477	2542.059	1.7395	34.6515	110.824	1498.93	74557	24
51.7913	2512.333	2542.931	1.7393	34.6516	110.845	1498.94	74581	24
51.808	2513.399	2544.017	1.7386	34.6516	110.871	1498.96	74605	24
51.8247	2514.542	2545.18	1.7379	34.6516	110.883	1498.98	74629	24
51.8413	2515.64	2546.298	1.7374	34.6518	110.917	1498.99	74653	24
51.858	2516.635	2547.311	1.7366	34.6517	110.926	1499.01	74677	24
51.8747	2517.564	2548.257	1.7361	34.6518	110.95	1499.02	74701	24
51.8913	2518.459	2549.168	1.7357	34.6519	110.964	1499.04	74725	24
51.908	2519.349	2550.075	1.7358	34.6518	110.97	1499.05	74749	24
51.9247	2520.282	2551.025	1.7358	34.6518	110.992	1499.07	74773	24
51.9413	2521.289	2552.05	1.7356	34.6519	111.04	1499.08	74797	24
51.958	2522.284	2553.064	1.7348	34.652	111.098	1499.1	74821	24
51.9747	2523.162	2553.958	1.7339	34.6519	111.122	1499.11	74845	24
51.9913	2523.959	2554.769	1.7332	34.6521	111.144	1499.12	74869	24
52.008	2524.835	2555.661	1.7326	34.6522	111.199	1499.13	74893	24
52.0247	2525.861	2556.706	1.7323	34.6521	111.175	1499.15	74917	24
52.0413	2526.977	2557.842	1.7321	34.6523	111.265	1499.17	74941	24
52.058	2528.104	2558.99	1.7318	34.6523	111.251	1499.18	74965	24

52.0747	2529.216	2560.122	1.7315	34.6523	111.277	1499.2	74989	24
52.0913	2530.312	2561.239	1.7313	34.6523	111.31	1499.22	75013	24
52.108	2531.347	2562.292	1.7312	34.6521	111.319	1499.24	75037	24
52.1247	2532.229	2563.19	1.7311	34.6522	111.317	1499.25	75061	24
52.1413	2532.932	2563.906	1.7309	34.6521	111.328	1499.26	75085	24
52.158	2533.552	2564.537	1.7308	34.6523	111.361	1499.27	75109	24
52.1747	2534.311	2565.31	1.7308	34.6522	111.397	1499.29	75133	24
52.1913	2535.333	2566.351	1.7304	34.6523	111.414	1499.3	75157	24
52.208	2536.54	2567.58	1.7299	34.6524	111.466	1499.32	75181	24
52.2247	2537.721	2568.782	1.7297	34.6525	111.469	1499.34	75205	24
52.2413	2538.674	2569.753	1.7287	34.6524	111.518	1499.35	75229	24
52.258	2539.372	2570.463	1.7283	34.6524	111.522	1499.36	75253	24
52.2747	2540.03	2571.134	1.728	34.6524	111.517	1499.37	75277	24
52.2913	2540.906	2572.025	1.7278	34.6525	111.612	1499.39	75301	24
52.308	2542.003	2573.143	1.7277	34.6525	111.588	1499.41	75325	24
52.3247	2543.215	2574.378	1.7268	34.6527	111.617	1499.43	75349	24
52.3413	2544.412	2575.596	1.7254	34.6528	111.632	1499.44	75373	24
52.358	2545.508	2576.712	1.7255	34.6527	111.64	1499.46	75397	24
52.3747	2546.505	2577.728	1.7254	34.6529	111.656	1499.48	75421	24
52.3913	2547.472	2578.712	1.7252	34.6527	111.679	1499.49	75445	24
52.408	2548.41	2579.668	1.7248	34.6528	111.703	1499.5	75469	24
52.4247	2549.285	2580.559	1.7248	34.6527	111.716	1499.52	75493	24
52.4413	2550.11	2581.399	1.7248	34.6527	111.802	1499.53	75517	24
52.458	2550.936	2582.241	1.7241	34.6528	111.832	1499.55	75541	24
52.4747	2551.794	2583.114	1.7227	34.653	111.858	1499.55	75565	24
52.4913	2552.671	2584.007	1.722	34.653	111.897	1499.57	75589	24
52.508	2553.608	2584.961	1.7216	34.6531	111.921	1499.58	75613	24
52.5247	2554.666	2586.039	1.7209	34.6533	111.939	1499.6	75637	24
52.5413	2555.838	2587.232	1.7207	34.6533	112.014	1499.62	75661	24
52.558	2557.065	2588.482	1.7204	34.6532	112.034	1499.64	75685	24
52.5747	2558.239	2589.678	1.7194	34.6533	112.087	1499.65	75709	24
52.5913	2559.243	2590.7	1.7189	34.6534	112.079	1499.67	75733	24
52.608	2559.998	2591.469	1.7192	34.6532	112.131	1499.68	75757	24
52.6247	2560.555	2592.037	1.7194	34.6532	112.155	1499.69	75781	24

52.6413	2561.143	2592.635	1.7196	34.6532	112.188	1499.7	75805	24
52.658	2561.961	2593.468	1.7199	34.6531	112.208	1499.72	75829	24
52.6747	2563.019	2594.546	1.7204	34.6531	112.239	1499.74	75853	24
52.6913	2564.204	2595.753	1.7198	34.6531	112.291	1499.76	75877	24
52.708	2565.374	2596.944	1.718	34.6534	112.29	1499.77	75901	24
52.7247	2566.403	2597.992	1.7174	34.6534	112.323	1499.79	75925	24
52.7413	2567.267	2598.872	1.7169	34.6534	112.33	1499.8	75949	24
52.758	2568.041	2599.66	1.7169	34.6535	112.334	1499.81	75973	24
52.7747	2568.858	2600.492	1.7165	34.6534	112.307	1499.82	75997	24
52.7913	2569.841	2601.493	1.7158	34.6536	112.332	1499.84	76021	24
52.808	2571.03	2602.704	1.7156	34.6536	112.343	1499.86	76045	24
52.8247	2572.312	2604.01	1.7151	34.6537	112.397	1499.88	76069	24
52.8413	2573.495	2605.215	1.7145	34.6537	112.417	1499.89	76093	24
52.858	2574.419	2606.156	1.714	34.6537	112.408	1499.91	76117	24
52.8747	2575.147	2606.897	1.7139	34.6537	112.42	1499.92	76141	24
52.8913	2575.889	2607.653	1.714	34.6538	112.48	1499.93	76165	24
52.908	2576.769	2608.549	1.7142	34.6537	112.493	1499.95	76189	24
52.9247	2577.741	2609.539	1.7144	34.6537	112.515	1499.97	76213	24
52.9413	2578.685	2610.501	1.7145	34.6537	112.538	1499.98	76237	24
52.958	2579.479	2611.31	1.7147	34.6534	112.533	1500	76261	24
52.9747	2580.152	2611.995	1.7146	34.6537	112.528	1500.01	76285	24
52.9913	2580.969	2612.828	1.7146	34.6536	112.581	1500.02	76309	24
53.008	2582.129	2614.008	1.7146	34.6538	112.582	1500.04	76333	24
53.0247	2583.524	2615.43	1.7147	34.6539	112.596	1500.07	76357	24
53.0413	2584.905	2616.836	1.7148	34.6538	112.625	1500.09	76381	24
53.058	2586.008	2617.959	1.7148	34.6538	112.658	1500.11	76405	24
53.0747	2586.7	2618.664	1.7148	34.6536	112.645	1500.12	76429	24
53.0913	2587.195	2619.168	1.7148	34.6535	112.669	1500.13	76453	24
53.108	2587.956	2619.944	1.7149	34.6537	112.664	1500.14	76477	24
53.1247	2589.024	2621.031	1.7146	34.6538	112.657	1500.16	76501	24
53.1413	2590.161	2622.189	1.7143	34.6538	112.651	1500.18	76525	24
53.158	2591.151	2623.198	1.7143	34.6538	112.674	1500.2	76549	24
53.1747	2591.936	2623.997	1.7141	34.6538	112.638	1500.21	76573	24
53.1913	2592.641	2624.716	1.7135	34.6538	112.692	1500.22	76597	24

53.208	2593.502	2625.593	1.7131	34.6539	112.698	1500.23	76621	24
53.2247	2594.563	2626.673	1.7127	34.654	112.707	1500.25	76645	24
53.2413	2595.689	2627.82	1.7119	34.6541	112.735	1500.27	76669	24
53.258	2596.805	2628.957	1.7112	34.6543	112.722	1500.28	76693	24
53.2747	2597.901	2630.073	1.7111	34.6541	112.698	1500.3	76717	24
53.2913	2598.952	2631.144	1.7108	34.6542	112.699	1500.32	76741	24
53.308	2599.917	2632.127	1.71	34.6541	112.717	1500.33	76765	24
53.3247	2600.816	2633.042	1.7074	34.6544	112.729	1500.34	76789	24
53.3413	2601.7	2633.943	1.7063	34.6545	112.812	1500.35	76813	24
53.358	2602.633	2634.893	1.7057	34.6546	112.819	1500.36	76837	24
53.3747	2603.611	2635.89	1.705	34.6546	112.861	1500.37	76861	24
53.3913	2604.568	2636.865	1.7046	34.6546	112.909	1500.39	76885	24
53.408	2605.431	2637.744	1.7045	34.6546	112.947	1500.4	76909	24
53.4247	2606.256	2638.584	1.7043	34.6547	113.01	1500.42	76933	24
53.4413	2607.177	2639.522	1.7041	34.6546	113.049	1500.43	76957	24
53.458	2608.235	2640.6	1.7036	34.6546	113.14	1500.45	76981	24
53.4747	2609.381	2641.767	1.7029	34.6548	113.176	1500.46	77005	24
53.4913	2610.523	2642.93	1.7023	34.6548	113.236	1500.48	77029	24
53.508	2611.56	2643.987	1.7022	34.6548	113.237	1500.5	77053	24
53.5247	2612.414	2644.857	1.7009	34.6549	113.27	1500.51	77077	24
53.5413	2613.164	2645.621	1.7003	34.6549	113.308	1500.52	77101	24
53.558	2613.968	2646.44	1.7002	34.655	113.337	1500.53	77125	24
53.5747	2614.897	2647.386	1.7003	34.655	113.375	1500.55	77149	24
53.5913	2615.907	2648.415	1.7004	34.655	113.424	1500.57	77173	24
53.608	2616.972	2649.499	1.7004	34.655	113.432	1500.58	77197	24
53.6247	2618.043	2650.59	1.7004	34.6549	113.53	1500.6	77221	24
53.6413	2619.036	2651.602	1.7004	34.6549	113.538	1500.62	77245	24
53.658	2619.893	2652.476	1.7003	34.655	113.543	1500.63	77269	24
53.6747	2620.644	2653.241	1.7003	34.6549	113.53	1500.65	77293	24
53.6913	2621.4	2654.011	1.7002	34.655	113.624	1500.66	77317	24
53.708	2622.29	2654.917	1.7	34.6552	113.606	1500.67	77341	24
53.7247	2623.344	2655.991	1.6996	34.6551	113.632	1500.69	77365	24
53.7413	2624.492	2657.161	1.6988	34.6551	113.611	1500.71	77389	24
53.758	2625.65	2658.34	1.6972	34.6554	113.658	1500.72	77413	24

53.7747	2626.791	2659.503	1.6963	34.6554	113.654	1500.74	77437	24
53.7913	2627.902	2660.635	1.696	34.6554	113.656	1500.75	77461	24
53.808	2628.967	2661.719	1.696	34.6554	113.623	1500.77	77485	24
53.8247	2629.917	2662.687	1.6962	34.6552	113.703	1500.79	77509	24
53.8413	2630.671	2663.456	1.6959	34.6553	113.699	1500.8	77533	24
53.858	2631.221	2664.016	1.6961	34.6552	113.724	1500.81	77557	24
53.8747	2631.762	2664.567	1.6961	34.6553	113.773	1500.82	77581	24
53.8913	2632.593	2665.414	1.6958	34.6554	113.779	1500.83	77605	24
53.908	2633.728	2666.57	1.6955	34.6554	113.83	1500.85	77629	24
53.9247	2635.006	2667.872	1.6953	34.6555	113.834	1500.88	77653	24
53.9413	2636.273	2669.162	1.6953	34.6555	113.862	1500.9	77677	24
53.958	2637.399	2670.31	1.6953	34.6555	113.855	1500.92	77701	24
53.9747	2638.366	2671.295	1.6954	34.6554	113.911	1500.93	77725	24
53.9913	2639.212	2672.156	1.6955	34.6553	113.9	1500.95	77749	24
54.008	2639.946	2672.905	1.6956	34.6553	113.952	1500.96	77773	24
54.0247	2640.583	2673.553	1.695	34.6554	113.972	1500.97	77797	24
54.0413	2641.273	2674.256	1.6949	34.6554	113.95	1500.98	77821	24
54.058	2642.214	2675.215	1.6948	34.6555	113.94	1501	77845	24
54.0747	2643.429	2676.453	1.6942	34.6554	113.994	1501.02	77869	24
54.0913	2644.795	2677.845	1.6926	34.6557	113.995	1501.03	77893	24
54.108	2646.116	2679.191	1.6925	34.6557	114.008	1501.05	77917	24
54.1247	2647.18	2680.275	1.6912	34.6558	114.045	1501.07	77941	24
54.1413	2647.895	2681.003	1.691	34.6556	114.065	1501.08	77965	24
54.158	2648.469	2681.588	1.6906	34.6554	114.075	1501.09	77989	24
54.1747	2649.22	2682.353	1.6898	34.6556	114.089	1501.1	78013	24
54.1913	2650.188	2683.339	1.689	34.6556	114.082	1501.11	78037	24
54.208	2651.251	2684.422	1.6888	34.6557	114.132	1501.13	78061	24
54.2247	2652.302	2685.493	1.6888	34.6557	114.132	1501.15	78085	24
54.2413	2653.326	2686.537	1.6884	34.6558	114.117	1501.16	78109	24
54.258	2654.365	2687.595	1.6884	34.6557	114.133	1501.18	78133	24
54.2747	2655.431	2688.682	1.6881	34.6558	114.134	1501.2	78157	24
54.2913	2656.473	2689.743	1.6881	34.6557	114.118	1501.21	78181	24
54.308	2657.429	2690.716	1.6876	34.6558	114.142	1501.23	78205	24
54.3247	2658.326	2691.631	1.687	34.6558	114.117	1501.24	78229	24

54.3413	2659.2	2692.521	1.6871	34.6558	114.089	1501.26	78253	24
54.358	2660.042	2693.379	1.6869	34.6556	114.12	1501.27	78277	24
54.3747	2660.849	2694.201	1.6863	34.6557	114.093	1501.28	78301	24
54.3913	2661.683	2695.051	1.6862	34.6556	114.115	1501.3	78325	24
54.408	2662.568	2695.953	1.686	34.6557	114.104	1501.31	78349	24
54.4247	2663.528	2696.931	1.6859	34.6557	114.087	1501.33	78373	24
54.4413	2664.592	2698.015	1.6858	34.6556	114.071	1501.34	78397	24
54.458	2665.697	2699.141	1.6852	34.6557	114.057	1501.36	78421	24
54.4747	2666.77	2700.234	1.6842	34.6559	114.036	1501.38	78445	24
54.4913	2667.786	2701.27	1.6841	34.6558	114.011	1501.39	78469	24
54.508	2668.794	2702.297	1.6842	34.6558	114.002	1501.41	78493	24
54.5247	2669.859	2703.382	1.6838	34.656	113.979	1501.43	78517	24
54.5413	2670.965	2704.509	1.6835	34.656	114.005	1501.45	78541	24
54.558	2672.009	2705.573	1.6838	34.6559	113.996	1501.47	78565	24
54.5747	2672.852	2706.431	1.6821	34.6558	113.989	1501.47	78589	24
54.5913	2673.484	2707.075	1.6809	34.6561	114.011	1501.48	78613	24
54.608	2674.147	2707.751	1.6802	34.6562	113.974	1501.49	78637	24
54.6247	2674.998	2708.619	1.6795	34.6561	114.104	1501.5	78661	24
54.6413	2675.95	2709.589	1.6791	34.6563	114.063	1501.51	78685	24
54.658	2676.876	2710.532	1.6791	34.6561	114.086	1501.53	78709	24
54.6747	2677.785	2711.458	1.6789	34.6562	114.084	1501.54	78733	24
54.6913	2678.837	2712.53	1.6776	34.6564	114.121	1501.56	78757	24
54.708	2680.095	2713.812	1.6764	34.6564	114.119	1501.57	78781	24
54.7247	2681.458	2715.201	1.6754	34.6565	114.143	1501.59	78805	24
54.7413	2682.683	2716.45	1.6751	34.6564	114.155	1501.61	78829	24
54.758	2683.607	2717.391	1.6748	34.6563	114.187	1501.63	78853	24
54.7747	2684.267	2718.063	1.6736	34.6563	114.16	1501.63	78877	24
54.7913	2684.901	2718.709	1.6734	34.6563	114.17	1501.64	78901	24
54.808	2685.72	2719.544	1.6731	34.6564	114.184	1501.65	78925	24
54.8247	2686.744	2720.587	1.6731	34.6564	114.176	1501.67	78949	24
54.8413	2687.834	2721.698	1.6725	34.6564	114.219	1501.69	78973	24
54.858	2688.835	2722.718	1.6711	34.6565	114.247	1501.7	78997	24
54.8747	2689.729	2723.629	1.6705	34.6565	114.213	1501.71	79021	24
54.8913	2690.569	2724.485	1.6702	34.6564	114.219	1501.73	79045	24

54.908	2691.443	2725.376	1.6697	34.6565	114.251	1501.74	79069	24
54.9247	2692.489	2726.442	1.6695	34.6566	114.235	1501.76	79093	24
54.9413	2693.748	2727.725	1.6691	34.6567	114.272	1501.78	79117	24
54.958	2695.08	2729.082	1.6691	34.6565	114.293	1501.8	79141	24
54.9747	2696.243	2730.267	1.6688	34.6565	114.304	1501.82	79165	24
54.9913	2697.083	2731.123	1.6688	34.6564	114.309	1501.83	79189	24
55.008	2697.633	2731.684	1.6688	34.6563	114.318	1501.84	79213	24
55.0247	2698.16	2732.221	1.6688	34.6564	114.334	1501.85	79237	24
55.0413	2698.946	2733.022	1.6689	34.6564	114.363	1501.87	79261	24
55.058	2699.983	2734.079	1.669	34.6564	114.346	1501.88	79285	24
55.0747	2701.105	2735.222	1.6689	34.6566	114.372	1501.9	79309	24
55.0913	2702.146	2736.283	1.6683	34.6563	114.332	1501.92	79333	24
55.108	2703.077	2737.232	1.6682	34.6564	114.347	1501.93	79357	24
55.1247	2703.966	2738.138	1.6679	34.6566	114.337	1501.95	79381	24
55.1413	2704.873	2739.062	1.6674	34.6565	114.295	1501.96	79405	24
55.158	2705.792	2739.998	1.668	34.6565	114.324	1501.98	79429	24
55.1747	2706.763	2740.988	1.6684	34.6563	114.297	1502	79453	24
55.1913	2707.841	2742.087	1.6683	34.6564	114.314	1502.02	79477	24
55.208	2708.978	2743.245	1.668	34.6565	114.308	1502.04	79501	24
55.2247	2710.114	2744.403	1.6682	34.6564	114.317	1502.06	79525	24
55.2413	2711.213	2745.523	1.6682	34.6563	114.31	1502.07	79549	24
55.258	2712.259	2746.589	1.6687	34.6565	114.333	1502.09	79573	24
55.2747	2713.226	2747.574	1.669	34.6563	114.323	1502.11	79597	24
55.2913	2714.097	2748.462	1.6688	34.6562	114.213	1502.13	79621	24
55.308	2714.838	2749.218	1.6687	34.6561	114.291	1502.14	79645	24
55.3247	2715.467	2749.858	1.6679	34.6561	114.237	1502.15	79669	24
55.3413	2716.094	2750.498	1.6673	34.6561	114.216	1502.16	79693	24
55.358	2716.918	2751.338	1.6666	34.6562	114.23	1502.17	79717	24
55.3747	2718.013	2752.454	1.6637	34.6563	114.281	1502.17	79741	24
55.3913	2719.295	2753.76	1.6605	34.6565	114.236	1502.18	79765	24
55.408	2720.564	2755.053	1.657	34.6565	114.315	1502.19	79789	24
55.4247	2721.65	2756.16	1.6544	34.6565	114.241	1502.2	79813	24
55.4413	2722.492	2757.019	1.6527	34.6566	114.217	1502.2	79837	24
55.458	2723.188	2757.728	1.6498	34.6564	114.187	1502.2	79861	24

55.4747	2723.976	2758.53	1.6488	34.6564	114.203	1502.21	79885	24
55.4913	2724.978	2759.551	1.6483	34.6563	114.22	1502.23	79909	24
55.508	2726.146	2760.742	1.6481	34.6563	114.189	1502.25	79933	24
55.5247	2727.347	2761.967	1.6479	34.6562	114.117	1502.27	79957	24
55.5413	2728.428	2763.068	1.6476	34.6563	114.102	1502.28	79981	24
55.558	2729.304	2763.961	1.6469	34.6561	114.068	1502.29	80005	24
55.5747	2729.994	2764.664	1.6459	34.6561	114.073	1502.3	80029	24
55.5913	2730.645	2765.327	1.6454	34.6559	114.06	1502.31	80053	24
55.608	2731.443	2766.141	1.6449	34.6561	114.049	1502.32	80077	24
55.6247	2732.488	2767.206	1.6445	34.6561	113.984	1502.34	80101	24
55.6413	2733.74	2768.482	1.6442	34.656	113.971	1502.36	80125	24
55.658	2735.063	2769.83	1.6442	34.656	113.967	1502.38	80149	24
55.6747	2736.336	2771.128	1.6441	34.6559	113.946	1502.4	80173	24
55.6913	2737.47	2772.284	1.6442	34.6558	113.914	1502.42	80197	24
55.708	2738.427	2773.259	1.6441	34.6558	113.863	1502.44	80221	24
55.7247	2739.22	2774.068	1.6441	34.6559	113.825	1502.45	80245	24
55.7413	2739.92	2774.781	1.6442	34.6557	113.827	1502.47	80269	24
55.758	2740.59	2775.465	1.6443	34.6557	113.771	1502.48	80293	24
55.7747	2741.275	2776.162	1.6443	34.6557	113.707	1502.49	80317	24
55.7913	2742.02	2776.922	1.6444	34.6557	113.702	1502.5	80341	24
55.808	2742.905	2777.824	1.6444	34.6558	113.691	1502.52	80365	24
55.8247	2743.944	2778.883	1.6445	34.6558	113.724	1502.54	80389	24
55.8413	2745.078	2780.039	1.6444	34.6558	113.733	1502.56	80413	24
55.858	2746.223	2781.206	1.6442	34.6559	113.685	1502.58	80437	24
55.8747	2747.292	2782.295	1.644	34.6559	113.727	1502.59	80461	24
55.8913	2748.231	2783.252	1.6439	34.656	113.701	1502.61	80485	24
55.908	2749.106	2784.144	1.6437	34.656	113.64	1502.62	80509	24
55.9247	2750.028	2785.084	1.6437	34.656	113.696	1502.64	80533	24
55.9413	2751.059	2786.135	1.6435	34.6563	113.654	1502.66	80557	24
55.958	2752.157	2787.254	1.6436	34.6565	113.729	1502.68	80581	24
55.9747	2753.237	2788.355	1.6434	34.6567	113.73	1502.69	80605	24
55.9913	2754.25	2789.388	1.6433	34.6568	113.763	1502.71	80629	24
56.008	2755.172	2790.327	1.6434	34.657	113.793	1502.73	80653	24
56.0247	2755.982	2791.154	1.6433	34.657	113.831	1502.74	80677	24

56.0413	2756.708	2791.894	1.6432	34.657	113.926	1502.75	80701	24
56.058	2757.477	2792.678	1.6432	34.6572	113.946	1502.77	80725	24
56.0747	2758.48	2793.7	1.6429	34.6573	114.104	1502.78	80749	24
56.0913	2759.777	2795.022	1.6425	34.6574	114.176	1502.81	80773	24
56.108	2761.209	2796.482	1.6425	34.6573	114.24	1502.83	80797	24
56.1247	2762.494	2797.792	1.642	34.6574	114.345	1502.85	80821	24
56.1413	2763.415	2798.731	1.642	34.6572	114.418	1502.87	80845	24
56.158	2763.961	2799.287	1.6418	34.6571	114.46	1502.87	80869	24
56.1747	2764.426	2799.761	1.6418	34.6571	114.526	1502.88	80893	24
56.1913	2765.18	2800.529	1.6412	34.6572	114.531	1502.89	80917	24
56.208	2766.138	2801.506	1.641	34.6572	114.58	1502.91	80941	24
56.2247	2767.125	2802.512	1.6405	34.6572	114.656	1502.92	80965	24
56.2413	2768.086	2803.492	1.6396	34.6573	114.673	1502.94	80989	24
56.258	2769.085	2804.51	1.639	34.6573	114.691	1502.95	81013	24
56.2747	2770.163	2805.609	1.6382	34.6574	114.735	1502.96	81037	24
56.2913	2771.256	2806.723	1.6374	34.6574	114.747	1502.98	81061	24
56.308	2772.258	2807.745	1.6374	34.6572	114.779	1503	81085	24
56.3247	2773.136	2808.64	1.6368	34.6573	114.753	1503.01	81109	24
56.3413	2773.954	2809.474	1.6368	34.6572	114.749	1503.02	81133	24
56.358	2774.832	2810.369	1.6368	34.6573	114.797	1503.04	81157	24
56.3747	2775.846	2811.403	1.6367	34.6574	114.83	1503.06	81181	24
56.3913	2776.985	2812.564	1.6368	34.6573	114.856	1503.08	81205	24
56.408	2778.191	2813.793	1.637	34.6572	114.857	1503.1	81229	24
56.4247	2779.381	2815.006	1.6366	34.6573	114.886	1503.12	81253	24
56.4413	2780.498	2816.145	1.6365	34.6574	114.862	1503.14	81277	24
56.458	2781.488	2817.155	1.6354	34.6574	114.881	1503.15	81301	24
56.4747	2782.297	2817.979	1.6343	34.6576	114.88	1503.16	81325	24
56.4913	2782.909	2818.603	1.6345	34.6574	114.856	1503.17	81349	24
56.508	2783.507	2819.212	1.6337	34.6575	114.867	1503.18	81373	24
56.5247	2784.362	2820.084	1.6323	34.6578	114.901	1503.19	81397	24
56.5413	2785.474	2821.218	1.6308	34.6578	114.957	1503.2	81421	24
56.558	2786.665	2822.432	1.6297	34.6579	114.97	1503.22	81445	24
56.5747	2787.8	2823.589	1.6289	34.658	115.049	1503.23	81469	24
56.5913	2788.887	2824.697	1.6284	34.658	115.068	1503.25	81493	24

56.608	2789.999	2825.831	1.6279	34.6581	115.07	1503.26	81517	24
56.6247	2791.044	2826.896	1.6276	34.658	115.113	1503.28	81541	24
56.6413	2791.799	2827.666	1.6273	34.6579	115.193	1503.29	81565	24
56.658	2792.191	2828.066	1.6271	34.6578	115.191	1503.3	81589	24
56.6747	2792.566	2828.448	1.6266	34.6579	115.249	1503.3	81613	24
56.6913	2793.404	2829.302	1.6256	34.6578	115.315	1503.31	81637	24
56.708	2794.618	2830.54	1.6232	34.6583	115.374	1503.33	81661	24
56.7247	2795.957	2831.905	1.6226	34.6584	115.422	1503.35	81685	24
56.7413	2797.229	2833.202	1.6214	34.6588	115.446	1503.36	81709	24
56.758	2798.272	2834.265	1.621	34.6585	115.413	1503.38	81733	24
56.7747	2799.08	2835.089	1.6202	34.6585	115.471	1503.39	81757	24
56.7913	2799.854	2835.878	1.619	34.6589	115.511	1503.4	81781	24
56.808	2800.829	2836.873	1.6192	34.6592	115.593	1503.42	81805	24
56.8247	2802.023	2838.09	1.6193	34.6593	115.662	1503.44	81829	24
56.8413	2803.323	2839.416	1.6192	34.6595	115.716	1503.46	81853	24
56.858	2804.55	2840.667	1.6191	34.6594	115.77	1503.48	81877	24
56.8747	2805.542	2841.678	1.6191	34.6593	115.912	1503.5	81901	24
56.8913	2806.227	2842.376	1.6191	34.6593	115.998	1503.51	81925	24
56.908	2806.63	2842.787	1.6191	34.6592	116.097	1503.52	81949	24
56.9247	2806.938	2843.101	1.6194	34.6593	116.176	1503.52	81973	24
56.9413	2807.609	2843.785	1.6194	34.6595	116.254	1503.54	81997	24
56.958	2808.768	2844.967	1.6194	34.6596	116.34	1503.56	82021	24
56.9747	2810.203	2846.431	1.6193	34.6598	116.447	1503.58	82045	24
56.9913	2811.693	2847.949	1.6184	34.6598	116.49	1503.6	82069	24
57.008	2813.087	2849.37	1.6177	34.6598	116.556	1503.62	82093	24
57.0247	2814.267	2850.574	1.617	34.6597	116.653	1503.64	82117	24
57.0413	2815.154	2851.478	1.6154	34.6604	116.705	1503.65	82141	24
57.058	2815.742	2852.078	1.6156	34.6605	116.714	1503.66	82165	24
57.0747	2816.17	2852.514	1.6157	34.6605	116.762	1503.67	82189	24
57.0913	2816.743	2853.098	1.6158	34.6607	116.754	1503.68	82213	24
57.108	2817.592	2853.964	1.616	34.661	116.817	1503.7	82237	24
57.1247	2818.687	2855.081	1.616	34.661	116.927	1503.72	82261	24
57.1413	2819.94	2856.358	1.6159	34.661	117.04	1503.74	82285	24
57.158	2821.181	2857.624	1.6144	34.6612	117.224	1503.75	82309	24

57.1747	2822.262	2858.726	1.6135	34.6612	117.278	1503.77	82333	24
57.1913	2823.172	2859.653	1.6134	34.6613	117.512	1503.78	82357	24
57.208	2824.043	2860.542	1.6132	34.6613	117.636	1503.79	82381	24
57.2247	2825.001	2861.519	1.6114	34.6616	117.715	1503.8	82405	24
57.2413	2826.073	2862.612	1.6092	34.6616	117.857	1503.81	82429	24
57.258	2827.218	2863.78	1.6075	34.6618	117.931	1503.83	82453	24
57.2747	2828.343	2864.926	1.607	34.6619	117.984	1503.84	82477	24
57.2913	2829.362	2865.966	1.6061	34.6621	118.079	1503.86	82501	24
57.308	2830.25	2866.872	1.6049	34.6622	118.139	1503.87	82525	24
57.3247	2831.029	2867.665	1.6038	34.6625	118.188	1503.88	82549	24
57.3413	2831.753	2868.404	1.6034	34.6625	118.286	1503.89	82573	24
57.358	2832.495	2869.161	1.6029	34.6627	118.4	1503.9	82597	24
57.3747	2833.318	2869.999	1.6029	34.6625	118.481	1503.91	82621	24
57.3913	2834.267	2870.967	1.6026	34.6626	118.607	1503.93	82645	24
57.408	2835.317	2872.038	1.6001	34.6629	118.749	1503.94	82669	24
57.4247	2836.412	2873.154	1.5973	34.6634	118.825	1503.94	82693	24
57.4413	2837.477	2874.241	1.597	34.6634	118.962	1503.96	82717	24
57.458	2838.488	2875.271	1.5972	34.6634	119.02	1503.98	82741	24
57.4747	2839.449	2876.252	1.5969	34.6635	119.104	1504	82765	24
57.4913	2840.414	2877.235	1.5971	34.6634	119.221	1504.01	82789	24
57.508	2841.412	2878.253	1.5971	34.6634	119.313	1504.03	82813	24
57.5247	2842.405	2879.266	1.5974	34.6635	119.43	1504.05	82837	24
57.5413	2843.352	2880.231	1.5965	34.6635	119.54	1504.06	82861	24
57.558	2844.267	2881.164	1.5955	34.6635	119.618	1504.07	82885	24
57.5747	2845.211	2882.127	1.5947	34.6636	119.686	1504.08	82909	24
57.5913	2846.18	2883.115	1.594	34.6637	119.73	1504.1	82933	24
57.608	2847.126	2884.079	1.5933	34.6638	119.79	1504.11	82957	24
57.6247	2848.055	2885.028	1.5918	34.6639	119.843	1504.12	82981	24
57.6413	2848.951	2885.941	1.5914	34.664	119.893	1504.14	83005	24
57.658	2849.849	2886.857	1.5913	34.6639	119.992	1504.15	83029	24
57.6747	2850.866	2887.894	1.5909	34.664	120.036	1504.17	83053	24
57.6913	2852.044	2889.096	1.5896	34.6643	120.067	1504.18	83077	24
57.708	2853.258	2890.333	1.5895	34.6642	120.121	1504.2	83101	24
57.7247	2854.333	2891.429	1.5892	34.6642	120.208	1504.22	83125	24

57.7413	2855.209	2892.323	1.5884	34.6641	120.267	1504.23	83149	24
57.758	2855.913	2893.041	1.5878	34.6641	120.314	1504.24	83173	24
57.7747	2856.552	2893.693	1.5861	34.6641	120.33	1504.24	83197	24
57.7913	2857.266	2894.421	1.5856	34.6641	120.394	1504.25	83221	24
57.808	2858.131	2895.303	1.5853	34.6642	120.418	1504.27	83245	24
57.8247	2859.166	2896.358	1.585	34.6644	120.495	1504.29	83269	24
57.8413	2860.329	2897.544	1.5845	34.6644	120.55	1504.3	83293	24
57.858	2861.513	2898.752	1.5842	34.6643	120.579	1504.32	83317	24
57.8747	2862.574	2899.834	1.5843	34.6642	120.596	1504.34	83341	24
57.8913	2863.492	2900.77	1.5842	34.6642	120.578	1504.36	83365	24
57.908	2864.382	2901.678	1.5842	34.6642	120.635	1504.37	83389	24
57.9247	2865.326	2902.641	1.5835	34.6642	120.585	1504.39	83413	24
57.9413	2866.333	2903.668	1.5827	34.6643	120.621	1504.4	83437	24
57.958	2867.355	2904.71	1.5828	34.6642	120.646	1504.42	83461	24
57.9747	2868.374	2905.75	1.5828	34.6643	120.621	1504.44	83485	24
57.9913	2869.407	2906.803	1.5823	34.6641	120.614	1504.45	83509	24
58.008	2870.441	2907.857	1.5819	34.6643	120.641	1504.47	83533	24
58.0247	2871.41	2908.845	1.5814	34.6643	120.625	1504.48	83557	24
58.0413	2872.249	2909.702	1.581	34.6643	120.657	1504.5	83581	24
58.058	2873.007	2910.474	1.5799	34.6644	120.647	1504.5	83605	24
58.0747	2873.806	2911.29	1.5793	34.6645	120.704	1504.52	83629	24
58.0913	2874.73	2912.232	1.5792	34.6645	120.686	1504.53	83653	24
58.108	2875.791	2913.314	1.5792	34.6645	120.729	1504.55	83677	24
58.1247	2876.941	2914.486	1.5789	34.6646	120.732	1504.57	83701	24
58.1413	2878.097	2915.665	1.5786	34.6646	120.77	1504.59	83725	24
58.158	2879.214	2916.805	1.5784	34.6646	120.806	1504.61	83749	24
58.1747	2880.268	2917.879	1.5781	34.6644	120.841	1504.62	83773	24
58.1913	2881.194	2918.824	1.5775	34.6645	120.876	1504.63	83797	24
58.208	2881.935	2919.58	1.5774	34.6645	120.914	1504.65	83821	24
58.2247	2882.528	2920.184	1.5771	34.6648	120.932	1504.66	83845	24
58.2413	2883.176	2920.846	1.5771	34.6649	120.96	1504.67	83869	24
58.258	2884.053	2921.74	1.5771	34.665	121.009	1504.68	83893	24
58.2747	2885.16	2922.87	1.5774	34.665	121.035	1504.7	83917	24
58.2913	2886.408	2924.143	1.5776	34.6649	121.08	1504.73	83941	24

58.308	2887.665	2925.425	1.5777	34.6652	121.126	1504.75	83965	24
58.3247	2888.794	2926.575	1.5779	34.665	121.212	1504.77	83989	24
58.3413	2889.73	2927.53	1.5779	34.665	121.254	1504.79	84013	24
58.358	2890.506	2928.322	1.5779	34.6649	121.309	1504.8	84037	24
58.3747	2891.287	2929.118	1.5781	34.665	121.33	1504.81	84061	24
58.3913	2892.207	2930.057	1.5782	34.665	121.345	1504.83	84085	24
58.408	2893.254	2931.125	1.5782	34.6651	121.397	1504.85	84109	24
58.4247	2894.326	2932.218	1.5782	34.6652	121.397	1504.87	84133	24
58.4413	2895.355	2933.268	1.5784	34.6651	121.431	1504.89	84157	24
58.458	2896.335	2934.268	1.5775	34.6651	121.442	1504.9	84181	24
58.4747	2897.297	2935.249	1.5768	34.6651	121.443	1504.91	84205	24
58.4913	2898.243	2936.213	1.577	34.6651	121.467	1504.93	84229	24
58.508	2899.132	2937.121	1.5767	34.6652	121.499	1504.94	84253	24
58.5247	2899.927	2937.932	1.5766	34.6652	121.47	1504.96	84277	24
58.5413	2900.672	2938.691	1.5766	34.6654	121.483	1504.97	84301	24
58.558	2901.526	2939.562	1.5767	34.6652	121.454	1504.99	84325	24
58.5747	2902.589	2940.647	1.5767	34.6653	121.498	1505	84349	24
58.5913	2903.843	2941.926	1.5768	34.6654	121.518	1505.03	84373	24
58.608	2905.184	2943.293	1.5769	34.6654	121.566	1505.05	84397	24
58.6247	2906.451	2944.586	1.577	34.6654	121.587	1505.07	84421	24
58.6413	2907.463	2945.619	1.5765	34.6654	121.597	1505.09	84445	24
58.658	2908.092	2946.26	1.5762	34.6654	121.634	1505.1	84469	24
58.6747	2908.428	2946.603	1.5764	34.6652	121.639	1505.1	84493	24
58.6913	2908.929	2947.114	1.5758	34.6655	121.64	1505.11	84517	24
58.708	2909.832	2948.035	1.5754	34.6657	121.665	1505.13	84541	24
58.7247	2910.944	2949.17	1.5753	34.666	121.692	1505.15	84565	24
58.7413	2912.115	2950.363	1.5749	34.666	121.722	1505.16	84589	24
58.758	2913.263	2951.535	1.5749	34.6661	121.775	1505.18	84613	24
58.7747	2914.398	2952.693	1.5749	34.6661	121.768	1505.2	84637	24
58.7913	2915.515	2953.832	1.575	34.6661	121.77	1505.22	84661	24
58.808	2916.551	2954.889	1.5751	34.6661	121.889	1505.24	84685	24
58.8247	2917.465	2955.821	1.575	34.6661	121.964	1505.26	84709	24
58.8413	2918.299	2956.672	1.575	34.6661	122.012	1505.27	84733	24
58.858	2919.18	2957.571	1.5746	34.6661	122.028	1505.29	84757	24

58.8747	2920.166	2958.577	1.574	34.6661	122.072	1505.3	84781	24
58.8913	2921.243	2959.676	1.5734	34.6661	122.084	1505.31	84805	24
58.908	2922.363	2960.818	1.5728	34.6661	122.139	1505.33	84829	24
58.9247	2923.429	2961.906	1.5718	34.666	122.177	1505.35	84853	24
58.9413	2924.367	2962.863	1.5716	34.6659	122.185	1505.36	84877	24
58.958	2925.168	2963.68	1.5714	34.666	122.216	1505.37	84901	24
58.9747	2925.888	2964.414	1.5708	34.6658	122.239	1505.38	84925	24
58.9913	2926.619	2965.16	1.5703	34.666	122.235	1505.39	84949	24
59.008	2927.481	2966.039	1.57	34.6661	122.285	1505.41	84973	24
59.0247	2928.553	2967.133	1.5699	34.666	122.277	1505.43	84997	24
59.0413	2929.81	2968.415	1.57	34.666	122.316	1505.45	85021	24
59.058	2931.136	2969.767	1.5698	34.6662	122.33	1505.47	85045	24
59.0747	2932.378	2971.035	1.5695	34.666	122.335	1505.49	85069	24
59.0913	2933.383	2972.06	1.5695	34.6661	122.403	1505.51	85093	24
59.108	2934.05	2972.74	1.5694	34.666	122.372	1505.52	85117	24
59.1247	2934.471	2973.17	1.5694	34.6659	122.396	1505.53	85141	24
59.1413	2934.993	2973.703	1.5693	34.6659	122.414	1505.54	85165	24
59.158	2935.82	2974.546	1.5692	34.6661	122.471	1505.55	85189	24
59.1747	2936.853	2975.6	1.5692	34.666	122.428	1505.57	85213	24
59.1913	2938.001	2976.772	1.5691	34.6662	122.456	1505.59	85237	24
59.208	2939.195	2977.99	1.5676	34.6661	122.481	1505.6	85261	24
59.2247	2940.411	2979.229	1.5667	34.6662	122.487	1505.62	85285	24
59.2413	2941.635	2980.478	1.5677	34.6663	122.522	1505.65	85309	24
59.258	2942.815	2981.683	1.5666	34.6663	122.494	1505.66	85333	24
59.2747	2943.854	2982.743	1.5665	34.6661	122.537	1505.68	85357	24
59.2913	2944.724	2983.63	1.5666	34.6661	122.552	1505.69	85381	24
59.308	2945.516	2984.439	1.5667	34.6662	122.539	1505.71	85405	24
59.3247	2946.367	2985.307	1.5671	34.6661	122.552	1505.73	85429	24
59.3413	2947.298	2986.256	1.5671	34.6662	122.551	1505.74	85453	24
59.358	2948.226	2987.203	1.5672	34.6663	122.566	1505.76	85477	24
59.3747	2949.115	2988.11	1.5664	34.666	122.601	1505.77	85501	24
59.3913	2950.031	2989.044	1.5652	34.6661	122.62	1505.78	85525	24
59.408	2951.002	2990.035	1.5652	34.666	122.645	1505.8	85549	24
59.4247	2951.954	2991.006	1.5654	34.6661	122.618	1505.81	85573	24

59.4413	2952.828	2991.898	1.5654	34.6661	122.633	1505.83	85597	24
59.458	2953.716	2992.805	1.5648	34.6662	122.658	1505.84	85621	24
59.4747	2954.742	2993.851	1.5648	34.6661	122.684	1505.86	85645	24
59.4913	2955.887	2995.02	1.5651	34.6661	122.651	1505.88	85669	24
59.508	2957.047	2996.203	1.5646	34.6662	122.715	1505.9	85693	24
59.5247	2958.125	2997.303	1.5641	34.6663	122.726	1505.92	85717	24
59.5413	2959.055	2998.252	1.5642	34.6662	122.75	1505.93	85741	24
59.558	2959.831	2999.043	1.5637	34.6659	122.739	1505.94	85765	24
59.5747	2960.53	2999.757	1.5627	34.6662	122.745	1505.95	85789	24
59.5913	2961.273	3000.515	1.5622	34.6664	122.708	1505.96	85813	24
59.608	2962.131	3001.39	1.5611	34.6665	122.777	1505.97	85837	24
59.6247	2963.122	3002.401	1.561	34.6666	122.777	1505.99	85861	24
59.6413	2964.205	3003.506	1.5612	34.6667	122.855	1506.01	85885	24
59.658	2965.305	3004.629	1.5611	34.6667	122.865	1506.03	85909	24
59.6747	2966.392	3005.738	1.5604	34.6668	122.954	1506.04	85933	24
59.6913	2967.491	3006.859	1.56	34.667	123.034	1506.06	85957	24
59.708	2968.625	3008.016	1.5597	34.6672	123.08	1506.08	85981	24
59.7247	2969.72	3009.133	1.5587	34.6672	123.127	1506.09	86005	24
59.7413	2970.654	3010.087	1.5585	34.6672	123.161	1506.11	86029	24
59.758	2971.395	3010.843	1.5586	34.6672	123.165	1506.12	86053	24
59.7747	2972.101	3011.563	1.5586	34.6671	123.211	1506.14	86077	24
59.7913	2972.954	3012.433	1.5585	34.6672	123.303	1506.15	86101	24
59.808	2973.931	3013.43	1.5586	34.6672	123.431	1506.17	86125	24
59.8247	2974.938	3014.457	1.5584	34.6672	123.526	1506.18	86149	24
59.8413	2975.975	3015.516	1.5581	34.6673	123.553	1506.2	86173	24
59.858	2977.051	3016.615	1.5578	34.6672	123.615	1506.22	86197	24
59.8747	2978.101	3017.685	1.5576	34.6672	123.668	1506.24	86221	24
59.8913	2979.055	3018.659	1.5576	34.6672	123.693	1506.25	86245	24
59.908	2979.911	3019.532	1.5577	34.6672	123.716	1506.27	86269	24
59.9247	2980.744	3020.382	1.5578	34.6671	123.73	1506.28	86293	24
59.9413	2981.669	3021.326	1.5579	34.6671	123.737	1506.3	86317	24
59.958	2982.713	3022.392	1.558	34.6673	123.763	1506.32	86341	24
59.9747	2983.813	3023.513	1.558	34.6673	123.799	1506.34	86365	24
59.9913	2984.869	3024.592	1.558	34.6672	123.808	1506.36	86389	24

60.008	2985.835	3025.577	1.5581	34.6674	123.824	1506.37	86413	24
60.0247	2986.747	3026.508	1.5581	34.6673	123.831	1506.39	86437	24
60.0413	2987.681	3027.461	1.558	34.6673	123.856	1506.4	86461	24
60.058	2988.689	3028.489	1.5574	34.6674	123.884	1506.42	86485	24
60.0747	2989.729	3029.551	1.5574	34.6673	123.885	1506.44	86509	24
60.0913	2990.696	3030.537	1.5573	34.6674	123.91	1506.45	86533	24
60.108	2991.492	3031.349	1.5571	34.6674	123.898	1506.47	86557	24
60.1247	2992.153	3032.024	1.5571	34.6673	123.944	1506.48	86581	24
60.1413	2992.897	3032.783	1.5569	34.6674	123.957	1506.49	86605	24
60.158	2993.843	3033.748	1.5567	34.6674	123.948	1506.5	86629	24
60.1747	2994.954	3034.882	1.5565	34.6675	123.985	1506.52	86653	24
60.1913	2996.158	3036.112	1.5563	34.6675	124.006	1506.55	86677	24
60.208	2997.345	3037.322	1.5564	34.6676	124.026	1506.56	86701	24
60.2247	2998.427	3038.426	1.5565	34.6675	124.07	1506.58	86725	24
60.2413	2999.395	3039.414	1.5566	34.6675	124.086	1506.6	86749	24
60.258	3000.255	3040.292	1.5568	34.6675	124.109	1506.62	86773	24
60.2747	3000.998	3041.05	1.5568	34.6674	124.122	1506.63	86797	24
60.2913	3001.733	3041.8	1.5569	34.6674	124.125	1506.64	86821	24
60.308	3002.624	3042.71	1.557	34.6675	124.149	1506.66	86845	24
60.3247	3003.712	3043.82	1.557	34.6675	124.15	1506.68	86869	24
60.3413	3004.957	3045.09	1.5567	34.6676	124.164	1506.7	86893	24
60.358	3006.208	3046.367	1.5565	34.6678	124.186	1506.72	86917	24
60.3747	3007.304	3047.486	1.5559	34.6677	124.189	1506.74	86941	24
60.3913	3008.195	3048.395	1.5556	34.6677	124.197	1506.75	86965	24
60.408	3008.982	3049.198	1.5552	34.6677	124.203	1506.76	86989	24
60.4247	3009.815	3050.048	1.5553	34.6677	124.216	1506.78	87013	24
60.4413	3010.727	3050.978	1.555	34.6677	124.242	1506.79	87037	24
60.458	3011.662	3051.932	1.5549	34.6677	124.215	1506.81	87061	24
60.4747	3012.61	3052.901	1.5548	34.6678	124.283	1506.83	87085	24
60.4913	3013.569	3053.88	1.5549	34.6679	124.291	1506.84	87109	24
60.508	3014.527	3054.857	1.5549	34.6679	124.264	1506.86	87133	24
60.5247	3015.467	3055.816	1.5547	34.6678	124.315	1506.87	87157	24
60.5413	3016.357	3056.724	1.5544	34.6679	124.305	1506.89	87181	24
60.558	3017.227	3057.612	1.5543	34.6679	124.347	1506.9	87205	24

60.5747	3018.218	3058.623	1.5543	34.6678	124.364	1506.92	87229	24
60.5913	3019.368	3059.798	1.5544	34.6679	124.357	1506.94	87253	24
60.608	3020.533	3060.986	1.5541	34.6679	124.369	1506.96	87277	24
60.6247	3021.511	3061.985	1.5539	34.6679	124.369	1506.98	87301	24
60.6413	3022.279	3062.768	1.554	34.6678	124.417	1506.99	87325	24
60.658	3023.033	3063.538	1.5538	34.668	124.43	1507	87349	24
60.6747	3023.99	3064.514	1.5535	34.6681	124.456	1507.02	87373	24
60.6913	3025.159	3065.708	1.5537	34.668	124.467	1507.04	87397	24
60.708	3026.379	3066.952	1.5541	34.668	124.435	1507.06	87421	24
60.7247	3027.444	3068.04	1.5543	34.668	124.444	1507.08	87445	24
60.7413	3028.269	3068.882	1.5545	34.6679	124.423	1507.1	87469	24
60.758	3028.945	3069.572	1.5546	34.668	124.365	1507.11	87493	24
60.7747	3029.668	3070.309	1.5548	34.668	124.394	1507.12	87517	24
60.7913	3030.579	3071.239	1.5549	34.6681	124.383	1507.14	87541	24
60.808	3031.655	3072.338	1.5549	34.6681	124.401	1507.16	87565	24
60.8247	3032.797	3073.503	1.5541	34.6681	124.363	1507.17	87589	24
60.8413	3033.866	3074.595	1.5534	34.6682	124.331	1507.19	87613	24
60.858	3034.825	3075.573	1.5531	34.6682	124.331	1507.2	87637	24
60.8747	3035.762	3076.529	1.5528	34.6682	124.331	1507.22	87661	24
60.8913	3036.778	3077.566	1.5519	34.6683	124.334	1507.23	87685	24
60.908	3037.894	3078.706	1.5518	34.6684	124.345	1507.25	87709	24
60.9247	3039.022	3079.857	1.5518	34.6683	124.425	1507.27	87733	24
60.9413	3039.978	3080.833	1.5519	34.6683	124.371	1507.29	87757	24
60.958	3040.69	3081.56	1.5519	34.6683	124.409	1507.3	87781	24
60.9747	3041.33	3082.213	1.552	34.6682	124.438	1507.31	87805	24
60.9913	3042.097	3082.996	1.552	34.6683	124.416	1507.33	87829	24
61.008	3043.028	3083.945	1.5522	34.6684	124.448	1507.34	87853	24
61.0247	3044.099	3085.038	1.5523	34.6683	124.432	1507.36	87877	24
61.0413	3045.258	3086.222	1.5523	34.6685	124.452	1507.38	87901	24
61.058	3046.394	3087.382	1.5525	34.6683	124.488	1507.4	87925	24
61.0747	3047.441	3088.45	1.5523	34.6684	124.498	1507.42	87949	24
61.0913	3048.424	3089.453	1.551	34.6685	124.51	1507.43	87973	24
61.108	3049.413	3090.463	1.5507	34.6684	124.528	1507.45	87997	24
61.1247	3050.434	3091.505	1.5506	34.6685	124.546	1507.47	88021	24

61.1413	3051.461	3092.553	1.5506	34.6685	124.546	1507.48	88045	24
61.158	3052.434	3093.547	1.5508	34.6685	124.562	1507.5	88069	24
61.1747	3053.337	3094.468	1.5509	34.6685	124.577	1507.52	88093	24
61.1913	3054.272	3095.423	1.5509	34.6686	124.593	1507.53	88117	24
61.208	3055.288	3096.46	1.551	34.6685	124.619	1507.55	88141	24
61.2247	3056.289	3097.482	1.5511	34.6685	124.636	1507.57	88165	24
61.2413	3057.154	3098.364	1.5512	34.6684	124.642	1507.59	88189	24
61.258	3057.903	3099.129	1.5512	34.6685	124.655	1507.6	88213	24
61.2747	3058.677	3099.919	1.5513	34.6685	124.667	1507.61	88237	24
61.2913	3059.594	3100.855	1.5514	34.6685	124.683	1507.63	88261	24
61.308	3060.64	3101.923	1.5515	34.6685	124.666	1507.65	88285	24
61.3247	3061.718	3103.023	1.5516	34.6684	124.71	1507.67	88309	24
61.3413	3062.735	3104.061	1.5507	34.6685	124.713	1507.68	88333	24
61.358	3063.721	3105.068	1.5502	34.6685	124.723	1507.69	88357	24
61.3747	3064.743	3106.111	1.5504	34.6686	124.731	1507.71	88381	24
61.3913	3065.776	3107.165	1.5506	34.6686	124.722	1507.73	88405	24
61.408	3066.746	3108.155	1.5507	34.6687	124.712	1507.75	88429	24
61.4247	3067.673	3109.102	1.5512	34.6688	124.683	1507.77	88453	24
61.4413	3068.57	3110.017	1.5514	34.6686	124.68	1507.79	88477	24
61.458	3069.42	3110.885	1.5509	34.6687	124.688	1507.8	88501	24
61.4747	3070.236	3111.719	1.5511	34.6687	124.762	1507.81	88525	24
61.4913	3071.089	3112.59	1.5511	34.6688	124.751	1507.83	88549	24
61.508	3072.073	3113.594	1.551	34.6689	124.777	1507.84	88573	24
61.5247	3073.217	3114.762	1.5499	34.6689	124.773	1507.86	88597	24
61.5413	3074.438	3116.008	1.5499	34.669	124.777	1507.88	88621	24
61.558	3075.591	3117.185	1.5498	34.6688	124.771	1507.9	88645	24
61.5747	3076.604	3118.219	1.5493	34.6688	124.781	1507.92	88669	24
61.5913	3077.527	3119.161	1.5491	34.6689	124.789	1507.93	88693	24
61.608	3078.438	3120.092	1.5486	34.669	124.815	1507.94	88717	24
61.6247	3079.313	3120.985	1.5485	34.6687	124.813	1507.96	88741	24
61.6413	3080.085	3121.773	1.5484	34.6688	124.827	1507.97	88765	24
61.658	3080.819	3122.522	1.5483	34.6688	124.849	1507.98	88789	24
61.6747	3081.705	3123.427	1.5477	34.669	124.883	1508	88813	24
61.6913	3082.826	3124.571	1.5476	34.669	124.876	1508.02	88837	24

61.708	3084.07	3125.841	1.5477	34.669	124.923	1508.04	88861	24
61.7247	3085.236	3127.031	1.5476	34.6689	124.944	1508.06	88885	24
61.7413	3086.124	3127.937	1.5471	34.6689	124.961	1508.07	88909	24
61.758	3086.681	3128.506	1.5471	34.6689	124.97	1508.08	88933	24
61.7747	3087.143	3128.978	1.5472	34.6688	124.969	1508.09	88957	24
61.7913	3087.946	3129.798	1.5473	34.669	125	1508.11	88981	24
61.808	3089.138	3131.015	1.5474	34.669	125.012	1508.13	89005	24
61.8247	3090.517	3132.423	1.5472	34.6692	125.044	1508.15	89029	24
61.8413	3091.87	3133.803	1.5472	34.6692	125.068	1508.17	89053	24
61.858	3093.02	3134.978	1.5473	34.6691	125.079	1508.19	89077	24
61.8747	3093.949	3135.927	1.5473	34.6691	125.112	1508.21	89101	24
61.8913	3094.798	3136.793	1.5472	34.6692	125.145	1508.23	89125	24
61.908	3095.747	3137.762	1.5472	34.6691	125.126	1508.24	89149	24
61.9247	3096.808	3138.845	1.5473	34.6692	125.144	1508.26	89173	24
61.9413	3097.834	3139.893	1.5472	34.6691	125.144	1508.28	89197	24
61.958	3098.725	3140.803	1.5473	34.6691	125.16	1508.29	89221	24
61.9747	3099.541	3141.636	1.5472	34.6693	125.174	1508.31	89245	24
61.9913	3100.423	3142.536	1.5466	34.6691	125.182	1508.32	89269	24
62.008	3101.422	3143.555	1.5459	34.6692	125.202	1508.33	89293	24
62.0247	3102.457	3144.613	1.5457	34.6691	125.238	1508.35	89317	24
62.0413	3103.402	3145.578	1.5457	34.6692	125.272	1508.37	89341	24
62.058	3104.202	3146.394	1.5455	34.669	125.278	1508.38	89365	24
62.0747	3104.965	3147.173	1.545	34.6692	125.292	1508.39	89389	24
62.0913	3105.915	3148.143	1.5445	34.6691	125.284	1508.41	89413	24
62.108	3107.074	3149.326	1.5435	34.6693	125.316	1508.42	89437	24
62.1247	3108.244	3150.522	1.5434	34.6692	125.336	1508.44	89461	24
62.1413	3109.209	3151.506	1.5439	34.6692	125.386	1508.46	89485	24
62.158	3109.927	3152.239	1.5439	34.669	125.373	1508.47	89509	24
62.1747	3110.557	3152.883	1.5437	34.6691	125.375	1508.48	89533	24
62.1913	3111.337	3153.679	1.5438	34.6692	125.415	1508.5	89557	24
62.208	3112.342	3154.705	1.5438	34.6694	125.414	1508.52	89581	24
62.2247	3113.495	3155.882	1.5442	34.6694	125.451	1508.54	89605	24
62.2413	3114.683	3157.096	1.5444	34.6694	125.462	1508.56	89629	24
62.258	3115.88	3158.318	1.5441	34.6695	125.466	1508.58	89653	24

62.2747	3117.078	3159.541	1.544	34.6694	125.496	1508.6	89677	24
62.2913	3118.227	3160.714	1.5432	34.6695	125.5	1508.62	89701	24
62.308	3119.262	3161.77	1.5418	34.6696	125.532	1508.63	89725	24
62.3247	3120.152	3162.68	1.5414	34.6695	125.557	1508.64	89749	24
62.3413	3120.964	3163.509	1.5412	34.6696	125.519	1508.65	89773	24
62.358	3121.815	3164.378	1.5408	34.6696	125.544	1508.67	89797	24
62.3747	3122.736	3165.318	1.5397	34.6694	125.625	1508.68	89821	24
62.3913	3123.652	3166.253	1.5396	34.6693	125.632	1508.69	89845	24
62.408	3124.52	3167.139	1.5398	34.6694	125.664	1508.71	89869	24
62.4247	3125.396	3168.033	1.5399	34.6694	125.67	1508.73	89893	24
62.4413	3126.309	3168.966	1.54	34.6695	125.782	1508.74	89917	24
62.458	3127.239	3169.916	1.54	34.6694	125.799	1508.76	89941	24
62.4747	3128.191	3170.888	1.5397	34.6693	125.816	1508.77	89965	24
62.4913	3129.177	3171.896	1.5398	34.6694	125.833	1508.79	89989	24
62.508	3130.186	3172.925	1.5399	34.6694	125.85	1508.81	90013	24
62.5247	3131.232	3173.993	1.5402	34.6694	125.858	1508.83	90037	24
62.5413	3132.329	3175.113	1.5397	34.6694	125.835	1508.85	90061	24
62.558	3133.405	3176.212	1.539	34.6694	125.882	1508.86	90085	24
62.5747	3134.384	3177.212	1.5389	34.669	125.9	1508.88	90109	24
62.5913	3135.229	3178.074	1.5385	34.6692	125.854	1508.89	90133	24
62.608	3135.995	3178.857	1.5384	34.6691	125.868	1508.9	90157	24
62.6247	3136.787	3179.666	1.5379	34.6691	125.866	1508.92	90181	24
62.6413	3137.715	3180.613	1.5377	34.6691	125.874	1508.93	90205	24
62.658	3138.783	3181.704	1.5372	34.6691	125.894	1508.95	90229	24
62.6747	3139.909	3182.854	1.5368	34.6692	125.914	1508.97	90253	24
62.6913	3141.022	3183.99	1.5367	34.6693	125.925	1508.98	90277	24
62.708	3142.121	3185.113	1.5366	34.6693	125.944	1509	90301	24
62.7247	3143.231	3186.246	1.5367	34.6693	125.919	1509.02	90325	24
62.7413	3144.31	3187.347	1.5368	34.6692	126	1509.04	90349	24
62.758	3145.289	3188.347	1.5369	34.6691	125.99	1509.06	90373	24
62.7747	3146.147	3189.224	1.5368	34.6691	126.005	1509.07	90397	24
62.7913	3146.927	3190.02	1.5365	34.6693	126.081	1509.09	90421	24
62.808	3147.681	3190.79	1.5365	34.6693	126.024	1509.1	90445	24
62.8247	3148.438	3191.563	1.5364	34.6693	126.055	1509.11	90469	24

62.8413	3149.238	3192.38	1.5355	34.6694	126.063	1509.12	90493	24
62.858	3150.141	3193.303	1.5335	34.6695	126.076	1509.13	90517	24
62.8747	3151.188	3194.371	1.533	34.6695	126.096	1509.15	90541	24
62.8913	3152.341	3195.549	1.5322	34.6695	126.136	1509.16	90565	24
62.908	3153.512	3196.744	1.5317	34.6696	126.105	1509.18	90589	24
62.9247	3154.602	3197.858	1.5314	34.6696	126.116	1509.2	90613	24
62.9413	3155.567	3198.844	1.5313	34.6695	126.133	1509.21	90637	24
62.958	3156.478	3199.773	1.5312	34.6695	126.176	1509.23	90661	24
62.9747	3157.442	3200.758	1.5311	34.6695	126.219	1509.25	90685	24
62.9913	3158.482	3201.82	1.5305	34.6696	126.239	1509.26	90709	24
63.008	3159.517	3202.877	1.5296	34.6696	126.304	1509.27	90733	24
63.0247	3160.425	3203.804	1.5293	34.6695	126.321	1509.29	90757	24
63.0413	3161.237	3204.633	1.5286	34.6697	126.364	1509.3	90781	24
63.058	3162.052	3205.466	1.5286	34.6697	126.396	1509.32	90805	24
63.0747	3162.962	3206.395	1.5284	34.6696	126.448	1509.33	90829	24
63.0913	3163.924	3207.378	1.5283	34.6697	126.438	1509.35	90853	24
63.108	3164.851	3208.324	1.5284	34.6695	126.446	1509.36	90877	24
63.1247	3165.743	3209.235	1.5278	34.6697	126.463	1509.38	90901	24
63.1413	3166.691	3210.204	1.5275	34.6697	126.542	1509.39	90925	24
63.158	3167.768	3211.303	1.5275	34.6697	126.552	1509.41	90949	24
63.1747	3168.947	3212.508	1.5275	34.6699	126.528	1509.43	90973	24
63.1913	3170.131	3213.716	1.5278	34.6698	126.575	1509.45	90997	24
63.208	3171.183	3214.791	1.5278	34.6699	126.576	1509.47	91021	24
63.2247	3172.068	3215.695	1.5278	34.6697	126.609	1509.49	91045	24
63.2413	3172.887	3216.531	1.5277	34.6699	126.596	1509.5	91069	24
63.258	3173.787	3217.45	1.5277	34.6699	126.674	1509.52	91093	24
63.2747	3174.809	3218.494	1.5275	34.6699	126.666	1509.53	91117	24
63.2913	3175.84	3219.547	1.5275	34.6699	126.693	1509.55	91141	24
63.308	3176.743	3220.47	1.5276	34.6698	126.664	1509.57	91165	24
63.3247	3177.483	3221.225	1.5274	34.6698	126.757	1509.58	91189	24
63.3413	3178.2	3221.957	1.5268	34.6699	126.719	1509.59	91213	24
63.358	3179.088	3222.864	1.5268	34.6699	126.778	1509.61	91237	24
63.3747	3180.186	3223.986	1.5267	34.6701	126.78	1509.62	91261	24
63.3913	3181.437	3225.264	1.5265	34.6701	126.785	1509.65	91285	24

63.408	3182.724	3226.578	1.5264	34.6703	126.816	1509.67	91309	24
63.4247	3183.932	3227.813	1.5265	34.6701	126.829	1509.69	91333	24
63.4413	3184.993	3228.896	1.5262	34.6701	126.839	1509.71	91357	24
63.458	3185.904	3229.826	1.526	34.6701	126.873	1509.72	91381	24
63.4747	3186.696	3230.635	1.526	34.6702	126.878	1509.74	91405	24
63.4913	3187.381	3231.334	1.5261	34.67	126.872	1509.75	91429	24
63.508	3188	3231.967	1.5256	34.6702	126.965	1509.76	91453	24
63.5247	3188.733	3232.715	1.5248	34.6702	126.971	1509.77	91477	24
63.5413	3189.715	3233.718	1.524	34.6705	127.017	1509.78	91501	24
63.558	3190.88	3234.908	1.5234	34.6707	127.048	1509.8	91525	24
63.5747	3192.08	3236.133	1.5225	34.6708	127.072	1509.81	91549	24
63.5913	3193.173	3237.25	1.5226	34.6707	127.091	1509.83	91573	24
63.608	3194.122	3238.22	1.5223	34.6709	127.108	1509.85	91597	24
63.6247	3194.993	3239.109	1.5224	34.6708	127.194	1509.87	91621	24
63.6413	3195.912	3240.048	1.5225	34.6709	127.245	1509.88	91645	24
63.658	3196.945	3241.104	1.5227	34.6708	127.334	1509.9	91669	24
63.6747	3198.037	3242.218	1.5228	34.6709	127.415	1509.92	91693	24
63.6913	3199.085	3243.29	1.5224	34.6709	127.435	1509.94	91717	24
63.708	3200.045	3244.27	1.5223	34.671	127.479	1509.95	91741	24
63.7247	3200.916	3245.159	1.5216	34.671	127.514	1509.97	91765	24
63.7413	3201.713	3245.973	1.5214	34.6711	127.573	1509.98	91789	24
63.758	3202.518	3246.795	1.5215	34.6711	127.569	1509.99	91813	24
63.7747	3203.431	3247.728	1.5212	34.6711	127.63	1510.01	91837	24
63.7913	3204.392	3248.71	1.5208	34.6713	127.684	1510.02	91861	24
63.808	3205.326	3249.664	1.5209	34.6712	127.718	1510.04	91885	24
63.8247	3206.302	3250.661	1.521	34.6712	127.761	1510.06	91909	24
63.8413	3207.433	3251.816	1.5211	34.6713	127.772	1510.08	91933	24
63.858	3208.668	3253.078	1.5211	34.6713	127.865	1510.1	91957	24
63.8747	3209.879	3254.315	1.5209	34.6713	127.869	1510.12	91981	24
63.8913	3210.997	3255.457	1.5207	34.6714	127.916	1510.14	92005	24
63.908	3211.972	3256.453	1.5206	34.6714	127.907	1510.16	92029	24
63.9247	3212.773	3257.271	1.5207	34.6712	127.938	1510.17	92053	24
63.9413	3213.491	3258.004	1.5206	34.6713	128.013	1510.18	92077	24
63.958	3214.252	3258.781	1.5206	34.6714	128.018	1510.19	92101	24

63.9747	3215.065	3259.612	1.5207	34.6712	128.059	1510.21	92125	24
63.9913	3215.929	3260.495	1.5207	34.6713	128.092	1510.22	92149	24
64.008	3216.875	3261.461	1.5208	34.6713	128.064	1510.24	92173	24
64.0247	3217.927	3262.535	1.5209	34.6714	128.127	1510.26	92197	24
64.0413	3219.07	3263.703	1.5208	34.6714	128.111	1510.28	92221	24
64.058	3220.26	3264.918	1.5207	34.6714	128.142	1510.3	92245	24
64.0746	3221.354	3266.036	1.5206	34.6714	128.161	1510.32	92269	24
64.0913	3222.234	3266.935	1.5203	34.6713	128.116	1510.33	92293	24
64.108	3222.937	3267.653	1.5196	34.6715	128.148	1510.34	92317	24
64.1247	3223.663	3268.395	1.5198	34.6713	128.16	1510.36	92341	24
64.1413	3224.584	3269.336	1.5198	34.6715	128.167	1510.37	92365	24
64.158	3225.711	3270.487	1.5199	34.6715	128.16	1510.39	92389	24
64.1747	3226.934	3271.737	1.52	34.6715	128.164	1510.41	92413	24
64.1913	3228.073	3272.899	1.5199	34.6716	128.184	1510.43	92437	24
64.208	3229.033	3273.881	1.5194	34.6715	128.212	1510.45	92461	24
64.2247	3229.877	3274.743	1.5195	34.6713	128.209	1510.46	92485	24
64.2413	3230.744	3275.629	1.5194	34.6716	128.215	1510.48	92509	24
64.258	3231.733	3276.639	1.5193	34.6717	128.26	1510.5	92533	24
64.2747	3232.857	3277.787	1.5192	34.6717	128.28	1510.51	92557	24
64.2913	3234.03	3278.985	1.519	34.6717	128.274	1510.53	92581	24
64.308	3235.072	3280.05	1.5191	34.6716	128.275	1510.55	92605	24
64.3246	3235.923	3280.919	1.5191	34.6716	128.299	1510.57	92629	24
64.3413	3236.674	3281.687	1.5191	34.6717	128.321	1510.58	92653	24
64.358	3237.452	3282.481	1.5191	34.6717	128.353	1510.59	92677	24
64.3747	3238.324	3283.373	1.5192	34.6717	128.395	1510.61	92701	24
64.3913	3239.301	3284.37	1.5192	34.6718	128.367	1510.63	92725	24
64.408	3240.296	3285.386	1.5188	34.6719	128.386	1510.64	92749	24
64.4247	3241.18	3286.29	1.5186	34.6718	128.393	1510.66	92773	24
64.4413	3241.982	3287.109	1.5187	34.6719	128.416	1510.67	92797	24
64.458	3242.882	3288.029	1.5187	34.6719	128.432	1510.69	92821	24
64.4747	3244.012	3289.183	1.5184	34.672	128.453	1510.71	92845	24
64.4913	3245.329	3290.529	1.5182	34.672	128.486	1510.73	92869	24
64.508	3246.685	3291.913	1.518	34.6719	128.484	1510.75	92893	24
64.5247	3247.831	3293.085	1.517	34.6721	128.552	1510.77	92917	24

64.5413	3248.613	3293.884	1.5162	34.6722	128.551	1510.78	92941	24
64.558	3249.149	3294.432	1.5157	34.6721	128.526	1510.78	92965	24
64.5746	3249.817	3295.114	1.5159	34.6722	128.555	1510.8	92989	24
64.5913	3250.783	3296.1	1.5149	34.6724	128.584	1510.81	93013	24
64.608	3251.917	3297.26	1.5146	34.6725	128.623	1510.83	93037	24
64.6247	3253.043	3298.41	1.5146	34.6725	128.643	1510.85	93061	24
64.6413	3254.068	3299.457	1.5145	34.6724	128.715	1510.86	93085	24
64.658	3255.044	3300.454	1.5146	34.6724	128.768	1510.88	93109	24
64.6747	3256.052	3301.484	1.5147	34.6725	128.821	1510.9	93133	24
64.6913	3257.053	3302.507	1.5148	34.6724	128.866	1510.92	93157	24
64.708	3257.953	3303.426	1.5147	34.6724	128.882	1510.93	93181	24
64.7247	3258.758	3304.249	1.5146	34.6724	128.932	1510.95	93205	24
64.7413	3259.6	3305.109	1.5145	34.6725	128.965	1510.96	93229	24
64.758	3260.566	3306.096	1.5146	34.6725	129	1510.98	93253	24
64.7747	3261.678	3307.233	1.5134	34.6727	129.051	1510.99	93277	24
64.7913	3262.846	3308.426	1.5122	34.6729	129.022	1511.01	93301	24
64.808	3263.908	3309.511	1.5119	34.6729	129.068	1511.03	93325	24
64.8246	3264.784	3310.405	1.5117	34.6728	129.12	1511.04	93349	24
64.8413	3265.574	3311.213	1.5118	34.6729	129.152	1511.05	93373	24
64.858	3266.403	3312.06	1.5118	34.673	129.185	1511.07	93397	24
64.8747	3267.306	3312.982	1.5119	34.673	129.236	1511.09	93421	24
64.8913	3268.253	3313.95	1.512	34.673	129.271	1511.1	93445	24
64.908	3269.231	3314.949	1.5121	34.673	129.315	1511.12	93469	24
64.9247	3270.246	3315.986	1.5122	34.673	129.359	1511.14	93493	24
64.9413	3271.342	3317.106	1.5123	34.6731	129.37	1511.16	93517	24
64.958	3272.531	3318.321	1.5123	34.673	129.382	1511.18	93541	24
64.9747	3273.694	3319.509	1.5122	34.6731	129.394	1511.2	93565	24
64.9913	3274.709	3320.546	1.5122	34.6731	129.43	1511.22	93589	24
65.008	3275.579	3321.436	1.5122	34.6731	129.454	1511.23	93613	24
65.0247	3276.385	3322.259	1.5125	34.6729	129.45	1511.25	93637	24
65.0413	3277.196	3323.088	1.5125	34.6731	129.446	1511.26	93661	24
65.058	3278.083	3323.994	1.5127	34.6731	129.506	1511.28	93685	24
65.0746	3279.045	3324.977	1.5128	34.673	129.497	1511.3	93709	24
65.0913	3280.029	3325.982	1.5129	34.6731	129.496	1511.31	93733	24

65.108	3281.052	3327.027	1.5129	34.6731	129.55	1511.33	93757	24
65.1247	3282.138	3328.137	1.512	34.6733	129.527	1511.35	93781	24
65.1413	3283.204	3329.226	1.5107	34.6737	129.568	1511.36	93805	24
65.158	3284.17	3330.213	1.5107	34.6735	129.558	1511.38	93829	24
65.1747	3285.073	3331.136	1.5106	34.6736	129.602	1511.39	93853	24
65.1913	3285.988	3332.071	1.5106	34.6735	129.627	1511.41	93877	24
65.208	3286.89	3332.993	1.5102	34.6736	129.653	1511.42	93901	24
65.2247	3287.764	3333.886	1.5099	34.6738	129.706	1511.44	93925	24
65.2413	3288.634	3334.775	1.5102	34.6736	129.73	1511.45	93949	24
65.258	3289.51	3335.67	1.5103	34.6736	129.754	1511.47	93973	24
65.2747	3290.434	3336.614	1.5103	34.6736	129.807	1511.48	93997	24
65.2913	3291.469	3337.672	1.5103	34.6737	129.87	1511.5	94021	24
65.308	3292.629	3338.857	1.5099	34.674	129.901	1511.52	94045	24
65.3246	3293.822	3340.077	1.51	34.6738	129.922	1511.54	94069	24
65.3413	3294.989	3341.269	1.51	34.674	129.916	1511.56	94093	24
65.358	3296.044	3342.347	1.5102	34.6739	129.979	1511.58	94117	24
65.3747	3296.922	3343.244	1.5102	34.6739	130.067	1511.6	94141	24
65.3913	3297.67	3344.009	1.5103	34.6738	130.026	1511.61	94165	24
65.408	3298.419	3344.774	1.5103	34.6739	130.12	1511.62	94189	24
65.4247	3299.29	3345.664	1.5104	34.674	130.181	1511.64	94213	24
65.4413	3300.316	3346.713	1.5105	34.674	130.208	1511.66	94237	24
65.458	3301.466	3347.888	1.5107	34.6739	130.228	1511.68	94261	24
65.4747	3302.616	3349.063	1.5108	34.6739	130.302	1511.7	94285	24
65.4913	3303.651	3350.12	1.5109	34.6739	130.266	1511.72	94309	24
65.508	3304.592	3351.083	1.5109	34.674	130.301	1511.74	94333	24
65.5247	3305.496	3352.006	1.511	34.674	130.335	1511.75	94357	24
65.5413	3306.34	3352.869	1.511	34.6739	130.341	1511.77	94381	24
65.558	3307.07	3353.615	1.5111	34.6738	130.336	1511.78	94405	24
65.5746	3307.776	3354.336	1.5109	34.674	130.368	1511.79	94429	24
65.5913	3308.638	3355.217	1.5108	34.674	130.383	1511.81	94453	24
65.608	3309.743	3356.346	1.5105	34.6741	130.422	1511.82	94477	24
65.6247	3311.027	3357.659	1.5106	34.6742	130.346	1511.85	94501	24
65.6413	3312.345	3359.005	1.5106	34.6742	130.369	1511.87	94525	24
65.658	3313.504	3360.19	1.5105	34.6742	130.336	1511.89	94549	24

65.6747	3314.382	3361.087	1.5103	34.6741	130.38	1511.9	94573	24
65.6913	3315.031	3361.75	1.5105	34.674	130.292	1511.92	94597	24
65.708	3315.615	3362.347	1.5104	34.6741	130.356	1511.93	94621	24
65.7247	3316.344	3363.092	1.5105	34.6742	130.378	1511.94	94645	24
65.7413	3317.322	3364.091	1.5106	34.6742	130.369	1511.96	94669	24
65.758	3318.517	3365.313	1.5106	34.6742	130.399	1511.98	94693	24
65.7747	3319.807	3366.631	1.5106	34.6743	130.44	1512	94717	24
65.7913	3321.053	3367.904	1.5105	34.6744	130.508	1512.02	94741	24
65.808	3322.16	3369.036	1.5106	34.6742	130.51	1512.04	94765	24
65.8246	3323.098	3369.994	1.5107	34.6743	130.508	1512.06	94789	24
65.8413	3323.885	3370.799	1.5106	34.674	130.532	1512.07	94813	24
65.858	3324.622	3371.552	1.5106	34.6741	130.5	1512.08	94837	24
65.8747	3325.432	3372.381	1.5104	34.6741	130.47	1512.1	94861	24
65.8913	3326.404	3373.373	1.5107	34.6742	130.459	1512.12	94885	24
65.908	3327.531	3374.525	1.5104	34.6742	130.472	1512.13	94909	24
65.9247	3328.728	3375.748	1.5103	34.6742	130.485	1512.15	94933	24
65.9413	3329.861	3376.907	1.5102	34.6742	130.46	1512.18	94957	24
65.958	3330.814	3377.88	1.5102	34.6742	130.477	1512.19	94981	24
65.9747	3331.552	3378.635	1.5101	34.6742	130.482	1512.2	95005	24
65.9913	3332.116	3379.211	1.5105	34.674	130.518	1512.21	95029	24
66.008	3332.718	3379.826	1.5098	34.6741	130.522	1512.22	95053	24
66.0247	3333.569	3380.696	1.5098	34.6741	130.51	1512.24	95077	24
66.0413	3334.693	3381.845	1.5096	34.6743	130.531	1512.26	95101	24
66.058	3335.998	3383.179	1.5093	34.6745	130.537	1512.28	95125	24
66.0746	3337.373	3384.584	1.5089	34.6744	130.581	1512.3	95149	24
66.0913	3338.683	3385.923	1.5078	34.6742	130.582	1512.32	95173	24
66.108	3339.781	3387.045	1.5076	34.6742	130.593	1512.34	95197	24
66.1247	3340.592	3387.874	1.5066	34.6741	130.584	1512.35	95221	24
66.1413	3341.203	3388.499	1.5064	34.674	130.605	1512.36	95245	24
66.158	3341.859	3389.169	1.5063	34.674	130.662	1512.37	95269	24
66.1747	3342.729	3390.059	1.5066	34.674	130.677	1512.38	95293	24
66.1913	3343.785	3391.138	1.5062	34.674	130.688	1512.4	95317	24
66.208	3344.905	3392.282	1.5057	34.6739	130.71	1512.42	95341	24
66.2247	3345.989	3393.39	1.5051	34.6739	130.759	1512.43	95365	24

66.2413	3347.022	3394.446	1.5028	34.674	130.776	1512.44	95389	24
66.258	3348.016	3395.462	1.5023	34.674	130.814	1512.46	95413	24
66.2747	3348.962	3396.43	1.5019	34.6739	130.814	1512.47	95437	24
66.2913	3349.855	3397.342	1.5017	34.674	130.849	1512.49	95461	24
66.308	3350.72	3398.226	1.5019	34.674	130.873	1512.5	95485	24
66.3246	3351.595	3399.121	1.5019	34.674	130.898	1512.52	95509	24
66.3413	3352.535	3400.082	1.5019	34.674	131.024	1512.54	95533	24
66.358	3353.581	3401.151	1.5014	34.674	131.035	1512.55	95557	24
66.3747	3354.713	3402.308	1.5005	34.674	131.131	1512.57	95581	24
66.3913	3355.842	3403.462	1.4999	34.6741	131.163	1512.58	95605	24
66.408	3356.884	3404.527	1.5	34.674	131.236	1512.6	95629	24
66.4247	3357.76	3405.422	1.5008	34.6741	131.276	1512.62	95653	24
66.4413	3358.497	3406.175	1.5008	34.6741	131.38	1512.63	95677	24
66.458	3359.234	3406.929	1.5009	34.6742	131.384	1512.65	95701	24
66.4747	3360.092	3407.806	1.501	34.6741	131.417	1512.66	95725	24
66.4913	3361.062	3408.797	1.5009	34.6741	131.444	1512.68	95749	24
66.508	3362.096	3409.855	1.5014	34.6744	131.516	1512.7	95773	24
66.5247	3363.214	3410.998	1.5018	34.6743	131.489	1512.72	95797	24
66.5413	3364.419	3412.229	1.5009	34.6744	131.505	1512.74	95821	24
66.558	3365.649	3413.486	1.5014	34.6744	131.544	1512.76	95845	24
66.5746	3366.774	3414.637	1.5014	34.6743	131.574	1512.78	95869	24
66.5913	3367.716	3415.599	1.5015	34.6742	131.563	1512.8	95893	24
66.608	3368.497	3416.397	1.5013	34.6743	131.578	1512.81	95917	24
66.6247	3369.25	3417.167	1.5014	34.6743	131.582	1512.83	95941	24
66.6413	3370.05	3417.984	1.5009	34.6741	131.59	1512.84	95965	24
66.658	3370.887	3418.84	1.5009	34.6742	131.614	1512.85	95989	24
66.6747	3371.773	3419.746	1.4993	34.6745	131.617	1512.86	96013	24
66.6913	3372.734	3420.729	1.499	34.6745	131.608	1512.88	96037	24
66.708	3373.784	3421.802	1.4989	34.6745	131.6	1512.89	96061	24
66.7247	3374.889	3422.932	1.4983	34.6745	131.622	1512.91	96085	24
66.7413	3376.022	3424.09	1.4981	34.6744	131.671	1512.93	96109	24
66.758	3377.124	3425.216	1.498	34.6745	131.7	1512.95	96133	24
66.7747	3378.137	3426.252	1.4978	34.6747	131.728	1512.97	96157	24
66.7913	3379.088	3427.224	1.498	34.6745	131.772	1512.98	96181	24

66.808	3380.056	3428.214	1.4979	34.6746	131.799	1513	96205	24
66.8246	3381.052	3429.232	1.4978	34.6744	131.836	1513.02	96229	24
66.8413	3381.995	3430.195	1.4977	34.6744	131.917	1513.03	96253	24
66.858	3382.854	3431.074	1.4977	34.6743	131.933	1513.05	96277	24
66.8747	3383.687	3431.925	1.4974	34.6745	131.912	1513.06	96301	24
66.8913	3384.569	3432.827	1.4968	34.6746	131.912	1513.07	96325	24
66.908	3385.512	3433.791	1.4964	34.6745	131.912	1513.09	96349	24
66.9247	3386.45	3434.75	1.4956	34.6746	131.978	1513.1	96373	24
66.9413	3387.357	3435.677	1.4953	34.6745	131.995	1513.12	96397	24
66.958	3388.303	3436.644	1.4949	34.6745	131.987	1513.13	96421	24
66.9747	3389.4	3437.766	1.4945	34.6746	132.035	1513.15	96445	24
66.9913	3390.628	3439.021	1.4943	34.6747	132.058	1513.17	96469	24
67.008	3391.825	3440.245	1.4941	34.6746	132.136	1513.19	96493	24
67.0247	3392.82	3441.262	1.4939	34.6745	132.191	1513.21	96517	24
67.0413	3393.589	3442.048	1.4939	34.6744	132.233	1513.22	96541	24
67.058	3394.324	3442.8	1.4938	34.6745	132.264	1513.23	96565	24
67.0746	3395.223	3443.719	1.4939	34.6745	132.28	1513.25	96589	24
67.0913	3396.273	3444.792	1.4939	34.6746	132.309	1513.27	96613	24
67.108	3397.311	3445.853	1.494	34.6745	132.328	1513.29	96637	24
67.1247	3398.214	3446.777	1.4939	34.6745	132.372	1513.3	96661	24
67.1413	3399.014	3447.595	1.494	34.6744	132.377	1513.31	96685	24
67.158	3399.861	3448.46	1.4937	34.6745	132.393	1513.33	96709	24
67.1747	3400.856	3449.477	1.4936	34.6746	132.412	1513.35	96733	24
67.1913	3401.982	3450.629	1.4936	34.6746	132.432	1513.36	96757	24
67.208	3403.141	3451.814	1.4935	34.6746	132.445	1513.39	96781	24
67.2247	3404.262	3452.96	1.4932	34.6747	132.438	1513.4	96805	24
67.2413	3405.304	3454.025	1.492	34.6748	132.507	1513.42	96829	24
67.258	3406.275	3455.018	1.4906	34.6749	132.456	1513.43	96853	24
67.2747	3407.192	3455.955	1.4902	34.6749	132.484	1513.44	96877	24
67.2913	3408.082	3456.865	1.49	34.675	132.5	1513.46	96901	24
67.308	3408.976	3457.78	1.49	34.6749	132.535	1513.47	96925	24
67.3246	3409.888	3458.712	1.4902	34.675	132.606	1513.49	96949	24
67.3413	3410.811	3459.656	1.4902	34.675	132.65	1513.5	96973	24
67.358	3411.725	3460.589	1.4903	34.6749	132.694	1513.52	96997	24

67.3747	3412.61	3461.495	1.4903	34.675	132.775	1513.54	97021	24
67.3913	3413.491	3462.396	1.49	34.6751	132.819	1513.55	97045	24
67.408	3414.4	3463.325	1.49	34.6749	132.873	1513.57	97069	24
67.4247	3415.372	3464.319	1.4898	34.6751	132.9	1513.58	97093	24
67.4413	3416.414	3465.384	1.4893	34.6751	132.884	1513.6	97117	24
67.458	3417.507	3466.501	1.489	34.6754	132.951	1513.62	97141	24
67.4747	3418.631	3467.652	1.4896	34.6751	132.933	1513.64	97165	24
67.4913	3419.762	3468.807	1.4893	34.6753	132.964	1513.66	97189	24
67.508	3420.875	3469.945	1.4892	34.6752	133.003	1513.68	97213	24
67.5247	3421.941	3471.035	1.4891	34.6753	133.032	1513.7	97237	24
67.5413	3422.902	3472.018	1.4887	34.6753	133.023	1513.71	97261	24
67.558	3423.719	3472.853	1.4886	34.6752	133.029	1513.73	97285	24
67.5746	3424.439	3473.589	1.4887	34.6752	133.079	1513.74	97309	24
67.5913	3425.217	3474.384	1.4887	34.6753	133.075	1513.75	97333	24
67.608	3426.138	3475.326	1.4888	34.6752	133.11	1513.77	97357	24
67.6247	3427.173	3476.384	1.4889	34.6753	133.129	1513.79	97381	24
67.6413	3428.233	3477.469	1.4891	34.6752	133.147	1513.81	97405	24
67.658	3429.289	3478.548	1.4892	34.6752	133.185	1513.83	97429	24
67.6747	3430.36	3479.644	1.4893	34.6752	133.186	1513.84	97453	24
67.6913	3431.433	3480.741	1.4893	34.6753	133.242	1513.86	97477	24
67.708	3432.442	3481.772	1.4894	34.6752	133.224	1513.88	97501	24
67.7247	3433.319	3482.669	1.4894	34.6752	133.24	1513.9	97525	24
67.7413	3434.08	3483.447	1.4892	34.6751	133.255	1513.91	97549	24
67.758	3434.904	3484.29	1.4889	34.6752	133.271	1513.92	97573	24
67.7747	3435.926	3485.335	1.4889	34.6753	133.271	1513.94	97597	24
67.7913	3437.07	3486.505	1.4889	34.6753	133.31	1513.96	97621	24
67.808	3438.172	3487.631	1.4889	34.6753	133.303	1513.98	97645	24
67.8246	3439.138	3488.62	1.489	34.6752	133.293	1514	97669	24
67.8413	3439.976	3489.476	1.489	34.6753	133.354	1514.01	97693	24
67.858	3440.823	3490.342	1.4891	34.6752	133.342	1514.03	97717	24
67.8747	3441.78	3491.321	1.4892	34.6752	133.36	1514.04	97741	24
67.8913	3442.81	3492.373	1.4891	34.6754	133.388	1514.06	97765	24
67.908	3443.802	3493.389	1.4893	34.6753	133.387	1514.08	97789	24
67.9247	3444.708	3494.315	1.4893	34.6752	133.441	1514.1	97813	24

67.9413	3445.571	3495.198	1.4895	34.6751	133.465	1514.11	97837	24
67.958	3446.491	3496.137	1.4891	34.6754	133.419	1514.13	97861	24
67.9747	3447.513	3497.183	1.4888	34.6753	133.485	1514.14	97885	24
67.9913	3448.61	3498.305	1.489	34.6753	133.458	1514.16	97909	24
68.008	3449.735	3499.455	1.4892	34.6754	133.488	1514.18	97933	24
68.0247	3450.809	3500.554	1.489	34.6753	133.471	1514.2	97957	24
68.0413	3451.756	3501.522	1.4884	34.6754	133.454	1514.22	97981	24
68.058	3452.583	3502.368	1.4887	34.6753	133.487	1514.23	98005	24
68.0746	3453.398	3503.201	1.4886	34.6753	133.511	1514.25	98029	24
68.0913	3454.3	3504.123	1.4884	34.6752	133.473	1514.26	98053	24
68.108	3455.298	3505.144	1.4882	34.6754	133.465	1514.28	98077	24
68.1247	3456.355	3506.225	1.4884	34.6753	133.474	1514.3	98101	24
68.1413	3457.387	3507.281	1.4884	34.6755	133.548	1514.31	98125	24
68.158	3458.316	3508.23	1.4885	34.6754	133.501	1514.33	98149	24
68.1747	3459.167	3509.101	1.4886	34.6753	133.572	1514.35	98173	24
68.1913	3460.055	3510.009	1.4888	34.6754	133.523	1514.36	98197	24
68.208	3461.079	3511.056	1.489	34.6753	133.596	1514.38	98221	24
68.2247	3462.241	3512.244	1.4892	34.6754	133.58	1514.4	98245	24
68.2413	3463.452	3513.483	1.4896	34.6755	133.629	1514.43	98269	24
68.258	3464.607	3514.664	1.4898	34.6753	133.612	1514.45	98293	24
68.2747	3465.618	3515.697	1.4895	34.6754	133.641	1514.46	98317	24
68.2913	3466.47	3516.569	1.4891	34.6754	133.649	1514.48	98341	24
68.308	3467.221	3517.337	1.4892	34.6755	133.635	1514.49	98365	24
68.3246	3467.965	3518.098	1.4892	34.6755	133.63	1514.5	98389	24
68.3413	3468.794	3518.946	1.4894	34.6753	133.571	1514.52	98413	24
68.358	3469.758	3519.931	1.4895	34.6754	133.644	1514.54	98437	24
68.3747	3470.835	3521.033	1.4895	34.6754	133.627	1514.56	98461	24
68.3913	3471.954	3522.178	1.4893	34.6755	133.694	1514.57	98485	24
68.408	3473.044	3523.292	1.4892	34.6755	133.668	1514.59	98509	24
68.4247	3474.052	3524.323	1.4889	34.6755	133.688	1514.61	98533	24
68.4413	3474.983	3525.275	1.4887	34.6756	133.697	1514.63	98557	24
68.458	3475.867	3526.179	1.4887	34.6755	133.723	1514.64	98581	24
68.4747	3476.75	3527.083	1.4888	34.6755	133.702	1514.66	98605	24
68.4913	3477.681	3528.035	1.4888	34.6756	133.7	1514.67	98629	24

68.508	3478.667	3529.043	1.4887	34.6756	133.71	1514.69	98653	24
68.5247	3479.649	3530.048	1.4886	34.6756	133.783	1514.71	98677	24
68.5413	3480.559	3530.978	1.4885	34.6757	133.791	1514.72	98701	24
68.558	3481.431	3531.87	1.4883	34.6757	133.808	1514.74	98725	24
68.5746	3482.355	3532.815	1.4877	34.6757	133.818	1514.75	98749	24
68.5913	3483.402	3533.886	1.4876	34.6757	133.856	1514.77	98773	24
68.608	3484.541	3535.051	1.4873	34.6757	133.832	1514.79	98797	24
68.6247	3485.72	3536.256	1.4874	34.6757	133.899	1514.81	98821	24
68.6413	3486.845	3537.408	1.4872	34.6758	133.921	1514.83	98845	24
68.658	3487.83	3538.414	1.4872	34.6756	133.93	1514.84	98869	24
68.6747	3488.677	3539.28	1.4872	34.6758	133.982	1514.86	98893	24
68.6913	3489.485	3540.108	1.4872	34.6756	133.969	1514.87	98917	24
68.708	3490.331	3540.972	1.4871	34.6757	133.967	1514.89	98941	24
68.7247	3491.222	3541.883	1.4871	34.6758	134.039	1514.9	98965	24
68.7413	3492.137	3542.819	1.4872	34.6757	133.972	1514.92	98989	24
68.758	3493.063	3543.766	1.4871	34.6758	134.008	1514.93	99013	24
68.7747	3494.009	3544.734	1.4874	34.6758	134.006	1514.95	99037	24
68.7913	3494.997	3545.744	1.4874	34.6758	133.997	1514.97	99061	24
68.808	3496.027	3546.798	1.4873	34.6758	134.118	1514.99	99085	24
68.8246	3497.095	3547.89	1.4871	34.6758	134.092	1515.01	99109	24
68.8413	3498.201	3549.022	1.487	34.6759	134.104	1515.03	99133	24
68.858	3499.319	3550.165	1.4871	34.6759	134.105	1515.05	99157	24
68.8747	3500.361	3551.231	1.4866	34.6758	134.09	1515.06	99181	24
68.8913	3501.286	3552.177	1.4866	34.6759	134.107	1515.08	99205	24
68.908	3502.13	3553.04	1.4865	34.6759	134.151	1515.09	99229	24
68.9247	3502.967	3553.896	1.4862	34.6759	134.167	1515.11	99253	24
68.9413	3503.838	3554.787	1.486	34.676	134.119	1515.12	99277	24
68.958	3504.754	3555.724	1.4857	34.676	134.137	1515.13	99301	24
68.9747	3505.722	3556.715	1.4852	34.676	134.175	1515.15	99325	24
68.9913	3506.78	3557.796	1.4848	34.6761	134.233	1515.17	99349	24
69.008	3507.901	3558.944	1.4845	34.6761	134.255	1515.19	99373	24
69.0247	3509.002	3560.069	1.4842	34.6762	134.285	1515.2	99397	24
69.0413	3509.995	3561.085	1.4842	34.6761	134.258	1515.22	99421	24
69.058	3510.897	3562.007	1.4841	34.6762	134.312	1515.24	99445	24

69.0746	3511.778	3562.908	1.4837	34.6762	134.385	1515.25	99469	24
69.0913	3512.716	3563.869	1.483	34.6763	134.469	1515.26	99493	24
69.108	3513.685	3564.86	1.4825	34.6763	134.517	1515.28	99517	24
69.1247	3514.601	3565.796	1.4825	34.6763	134.525	1515.29	99541	24
69.1413	3515.465	3566.681	1.4827	34.6762	134.55	1515.31	99565	24
69.158	3516.359	3567.595	1.4826	34.6764	134.604	1515.33	99589	24
69.1747	3517.358	3568.617	1.4824	34.6764	134.586	1515.34	99613	24
69.1913	3518.432	3569.716	1.4824	34.6764	134.652	1515.36	99637	24
69.208	3519.569	3570.878	1.4822	34.6764	134.674	1515.38	99661	24
69.2247	3520.691	3572.026	1.4811	34.6765	134.689	1515.4	99685	24
69.2413	3521.735	3573.095	1.4809	34.6766	134.737	1515.41	99709	24
69.258	3522.672	3574.052	1.4807	34.6764	134.848	1515.43	99733	24
69.2747	3523.572	3574.974	1.4804	34.6765	134.884	1515.44	99757	24
69.2913	3524.484	3575.906	1.4803	34.6765	134.902	1515.46	99781	24
69.308	3525.359	3576.801	1.48	34.6764	134.891	1515.47	99805	24
69.3246	3526.174	3577.635	1.4793	34.6767	134.964	1515.48	99829	24
69.3413	3526.997	3578.477	1.4793	34.6765	134.989	1515.5	99853	24
69.358	3527.946	3579.448	1.4792	34.6767	135.007	1515.52	99877	24
69.3747	3529.081	3580.609	1.4793	34.6766	135.046	1515.54	99901	24
69.3913	3530.335	3581.892	1.4792	34.6767	135.07	1515.56	99925	24
69.408	3531.536	3583.12	1.4793	34.6767	135.092	1515.58	99949	24
69.4247	3532.551	3584.158	1.4789	34.6767	135.122	1515.59	99973	24
69.4413	3533.352	3584.978	1.4788	34.6767	135.146	1515.61	99997	24
69.458	3534.089	3585.732	1.4789	34.6766	135.16	1515.62	100021	24
69.4747	3534.91	3586.571	1.4789	34.6767	135.194	1515.64	100045	24
69.4913	3535.798	3587.48	1.479	34.6765	135.201	1515.65	100069	24
69.508	3536.687	3588.389	1.4791	34.6767	135.198	1515.67	100093	24
69.5247	3537.614	3589.338	1.479	34.6766	135.216	1515.68	100117	24
69.5413	3538.64	3590.387	1.4788	34.6767	135.227	1515.7	100141	24
69.558	3539.781	3591.555	1.4787	34.6768	135.258	1515.72	100165	24
69.5746	3540.951	3592.752	1.4786	34.6768	135.289	1515.74	100189	24
69.5913	3542.021	3593.846	1.4785	34.6766	135.291	1515.76	100213	24
69.608	3542.949	3594.795	1.4781	34.6768	135.365	1515.77	100237	24
69.6247	3543.839	3595.706	1.4775	34.6768	135.374	1515.79	100261	24

69.6413	3544.785	3596.674	1.4776	34.6768	135.411	1515.81	100285	24
69.658	3545.799	3597.711	1.4771	34.6768	135.422	1515.82	100309	24
69.6747	3546.807	3598.742	1.477	34.6769	135.423	1515.84	100333	24
69.6913	3547.71	3599.666	1.4771	34.6769	135.439	1515.85	100357	24
69.708	3548.476	3600.45	1.4771	34.6768	135.463	1515.87	100381	24
69.7247	3549.222	3601.213	1.4771	34.6767	135.495	1515.88	100405	24
69.7413	3550.109	3602.121	1.477	34.6768	135.522	1515.89	100429	24
69.758	3551.193	3603.23	1.4772	34.6769	135.55	1515.92	100453	24
69.7747	3552.391	3604.455	1.4775	34.677	135.553	1515.94	100477	24
69.7913	3553.59	3605.682	1.4774	34.6769	135.613	1515.96	100501	24
69.808	3554.726	3606.844	1.4773	34.677	135.588	1515.98	100525	24
69.8246	3555.812	3607.955	1.4772	34.6769	135.59	1516	100549	24
69.8413	3556.886	3609.054	1.4772	34.6769	135.629	1516.01	100573	24
69.858	3557.925	3610.117	1.4774	34.6768	135.704	1516.03	100597	24
69.8747	3558.791	3611.003	1.4774	34.6769	135.655	1516.05	100621	24
69.8913	3559.404	3611.63	1.4775	34.6768	135.713	1516.06	100645	24
69.908	3559.84	3612.076	1.4775	34.6767	135.721	1516.07	100669	24
69.9247	3560.4	3612.65	1.4775	34.6768	135.703	1516.08	100693	24
69.9413	3561.274	3613.543	1.4776	34.6769	135.701	1516.09	100717	24
69.958	3562.434	3614.73	1.4776	34.677	135.713	1516.11	100741	24
69.9747	3563.76	3616.087	1.4776	34.6771	135.747	1516.14	100765	24
69.9913	3565.102	3617.46	1.4775	34.6772	135.791	1516.16	100789	24
70.008	3566.351	3618.738	1.4775	34.6772	135.815	1516.18	100813	24
70.0247	3567.464	3619.876	1.4772	34.6771	135.78	1516.2	100837	24
70.0413	3568.482	3620.918	1.4771	34.6772	135.8	1516.22	100861	24
70.058	3569.419	3621.877	1.4772	34.6771	135.826	1516.24	100885	24
70.0746	3570.268	3622.745	1.477	34.6772	135.806	1516.25	100909	24
70.0913	3571.024	3623.519	1.4772	34.6771	135.847	1516.26	100933	24
70.108	3571.772	3624.285	1.4772	34.6771	135.852	1516.28	100957	24
70.1247	3572.645	3625.177	1.4772	34.6771	135.896	1516.29	100981	24
70.1413	3573.702	3626.259	1.4772	34.6771	135.935	1516.31	101005	24
70.158	3574.897	3627.482	1.4772	34.6772	135.929	1516.33	101029	24
70.1747	3576.118	3628.731	1.477	34.6773	135.999	1516.35	101053	24
70.1913	3577.213	3629.851	1.4769	34.6773	135.964	1516.37	101077	24

70.208	3578.048	3630.706	1.4767	34.6772	135.99	1516.39	101101	24
70.2247	3578.641	3631.312	1.4767	34.6772	136.011	1516.4	101125	24
70.2413	3579.289	3631.975	1.4766	34.6772	136.014	1516.41	101149	24
70.258	3580.247	3632.956	1.4766	34.6774	136.059	1516.42	101173	24
70.2747	3581.456	3634.193	1.4758	34.6775	136.076	1516.44	101197	24
70.2913	3582.729	3635.496	1.4747	34.6776	136.103	1516.46	101221	24
70.308	3583.88	3636.673	1.4741	34.6775	136.165	1516.48	101245	24
70.3246	3584.819	3637.634	1.4738	34.6775	136.155	1516.49	101269	24
70.3413	3585.616	3638.45	1.4741	34.6773	136.179	1516.51	101293	24
70.358	3586.387	3639.238	1.4739	34.6773	136.194	1516.52	101317	24
70.3747	3587.199	3640.069	1.4737	34.6775	136.266	1516.53	101341	24
70.3913	3588.076	3640.967	1.4732	34.6776	136.275	1516.55	101365	24
70.408	3589.035	3641.948	1.4732	34.6775	136.321	1516.56	101389	24
70.4247	3590.095	3643.032	1.4731	34.6775	136.369	1516.58	101413	24
70.4413	3591.282	3644.247	1.473	34.6775	136.383	1516.6	101437	24
70.458	3592.547	3645.542	1.473	34.6776	136.416	1516.62	101461	24
70.4747	3593.765	3646.788	1.4729	34.6777	136.477	1516.65	101485	24
70.4913	3594.819	3647.866	1.4728	34.6776	136.506	1516.66	101509	24
70.508	3595.684	3648.751	1.4725	34.6776	136.533	1516.68	101533	24
70.5247	3596.418	3649.503	1.4726	34.6774	136.565	1516.69	101557	24
70.5413	3597.128	3650.229	1.4725	34.6776	136.569	1516.7	101581	24
70.558	3597.92	3651.039	1.4727	34.6776	136.603	1516.72	101605	24
70.5746	3598.833	3651.974	1.4729	34.6775	136.619	1516.73	101629	24
70.5913	3599.846	3653.01	1.473	34.6775	136.638	1516.75	101653	24
70.608	3600.93	3654.119	1.4731	34.6777	136.658	1516.77	101677	24
70.6247	3602.026	3655.241	1.4732	34.6776	136.65	1516.79	101701	24
70.6413	3603.068	3656.308	1.4732	34.6776	136.66	1516.81	101725	24
70.658	3604.042	3657.304	1.4733	34.6776	136.622	1516.83	101749	24
70.6747	3604.971	3658.255	1.4732	34.6776	136.612	1516.84	101773	24
70.6913	3605.883	3659.188	1.4734	34.6776	136.647	1516.86	101797	24
70.708	3606.804	3660.13	1.4734	34.6776	136.608	1516.88	101821	24
70.7247	3607.794	3661.144	1.4733	34.6777	136.646	1516.9	101845	24
70.7413	3608.9	3662.275	1.4732	34.6777	136.714	1516.91	101869	24
70.758	3610.053	3663.456	1.4733	34.6777	136.698	1516.93	101893	24

70.7747	3611.123	3664.55	1.4731	34.6777	136.7	1516.95	101917	24
70.7913	3612.013	3665.462	1.473	34.6777	136.698	1516.97	101941	24
70.808	3612.724	3666.189	1.4728	34.6777	136.722	1516.98	101965	24
70.8246	3613.392	3666.873	1.4728	34.6777	136.734	1516.99	101989	24
70.8413	3614.193	3667.692	1.4729	34.6778	136.721	1517	102013	24
70.858	3615.158	3668.68	1.4727	34.6777	136.806	1517.02	102037	24
70.8747	3616.286	3669.834	1.4719	34.6779	136.811	1517.04	102061	24
70.8913	3617.556	3671.134	1.4714	34.6781	136.837	1517.06	102085	24
70.908	3618.864	3672.472	1.4712	34.678	136.89	1517.08	102109	24
70.9247	3620.085	3673.722	1.4708	34.6781	136.896	1517.1	102133	24
70.9413	3621.174	3674.837	1.4703	34.678	136.927	1517.12	102157	24
70.958	3622.127	3675.811	1.4698	34.6782	136.957	1517.13	102181	24
70.9747	3622.948	3676.652	1.4701	34.678	136.981	1517.15	102205	24
70.9913	3623.66	3677.38	1.4699	34.6781	137.005	1517.16	102229	24
71.008	3624.356	3678.093	1.4698	34.678	137.093	1517.17	102253	24
71.0247	3625.133	3678.888	1.4696	34.6781	137.099	1517.18	102277	24
71.0413	3626.014	3679.789	1.4691	34.6782	137.183	1517.2	102301	24
71.058	3626.98	3680.778	1.469	34.6781	137.212	1517.21	102325	24
71.0746	3628.005	3681.827	1.4687	34.6782	137.232	1517.23	102349	24
71.0913	3629.045	3682.891	1.4692	34.6782	137.325	1517.25	102373	24
71.108	3630.069	3683.939	1.4695	34.6782	137.363	1517.27	102397	24
71.1247	3631.09	3684.984	1.4691	34.6783	137.374	1517.29	102421	24
71.1413	3632.149	3686.069	1.4685	34.6783	137.434	1517.3	102445	24
71.158	3633.245	3687.19	1.4683	34.6783	137.484	1517.32	102469	24
71.1747	3634.318	3688.288	1.4679	34.6784	137.496	1517.34	102493	24
71.1913	3635.345	3689.339	1.468	34.6784	137.515	1517.36	102517	24
71.208	3636.342	3690.36	1.4681	34.6784	137.552	1517.38	102541	24
71.2247	3637.322	3691.363	1.4682	34.6784	137.571	1517.39	102565	24
71.2413	3638.221	3692.282	1.4685	34.6782	137.606	1517.41	102589	24
71.258	3638.988	3693.067	1.4682	34.6784	137.631	1517.42	102613	24
71.2747	3639.707	3693.803	1.4683	34.6783	137.616	1517.44	102637	24
71.2913	3640.551	3694.667	1.4684	34.6783	137.632	1517.45	102661	24
71.308	3641.578	3695.719	1.4686	34.6783	137.669	1517.47	102685	24
71.3246	3642.713	3696.88	1.4686	34.6785	137.672	1517.49	102709	24

71.3413	3643.863	3698.057	1.4687	34.6784	137.665	1517.51	102733	24
71.358	3644.964	3699.184	1.4688	34.6783	137.743	1517.53	102757	24
71.3747	3646.03	3700.275	1.4689	34.6784	137.734	1517.55	102781	24
71.3913	3647.143	3701.414	1.469	34.6785	137.745	1517.57	102805	24
71.408	3648.28	3702.578	1.4689	34.6784	137.72	1517.59	102829	24
71.4247	3649.302	3703.624	1.4687	34.6784	137.788	1517.61	102853	24
71.4413	3650.028	3704.367	1.4687	34.6783	137.802	1517.62	102877	24
71.458	3650.528	3704.879	1.4688	34.6781	137.801	1517.63	102901	24
71.4747	3651.122	3705.487	1.4688	34.6783	137.746	1517.64	102925	24
71.4913	3652.072	3706.459	1.4683	34.6785	137.775	1517.65	102949	24
71.508	3653.272	3707.687	1.4683	34.6785	137.808	1517.67	102973	24
71.5247	3654.516	3708.961	1.4681	34.6784	137.804	1517.7	102997	24
71.5413	3655.628	3710.099	1.468	34.6785	137.863	1517.71	103021	24
71.558	3656.6	3711.094	1.4681	34.6784	137.862	1517.73	103045	24
71.5746	3657.526	3712.041	1.4681	34.6785	137.908	1517.75	103069	24
71.5913	3658.497	3713.035	1.4682	34.6784	137.907	1517.77	103093	24
71.608	3659.521	3714.083	1.4676	34.6785	137.91	1517.78	103117	24
71.6247	3660.566	3715.152	1.4672	34.6787	137.95	1517.8	103141	24
71.6413	3661.641	3716.254	1.4674	34.6785	137.951	1517.82	103165	24
71.658	3662.748	3717.386	1.4676	34.6786	137.952	1517.84	103189	24
71.6747	3663.83	3718.494	1.4678	34.6786	138.02	1517.86	103213	24
71.6913	3664.78	3719.467	1.4679	34.6785	138.047	1517.87	103237	24
71.708	3665.556	3720.26	1.4679	34.6785	138.033	1517.89	103261	24
71.7247	3666.25	3720.971	1.4679	34.6786	138.104	1517.9	103285	24
71.7413	3667.03	3721.77	1.4681	34.6785	138.09	1517.92	103309	24
71.758	3667.954	3722.715	1.4681	34.6785	138.145	1517.93	103333	24
71.7747	3668.995	3723.781	1.4682	34.6787	138.108	1517.95	103357	24
71.7913	3670.076	3724.888	1.4682	34.6786	138.176	1517.97	103381	24
71.808	3671.122	3725.959	1.4684	34.6787	138.195	1517.99	103405	24
71.8246	3672.139	3726.999	1.4686	34.6785	138.195	1518.01	103429	24
71.8413	3673.159	3728.044	1.4687	34.6785	138.186	1518.02	103453	24
71.858	3674.157	3729.065	1.4687	34.6786	138.195	1518.04	103477	24
71.8747	3675.09	3730.02	1.4687	34.6786	138.194	1518.06	103501	24
71.8913	3675.959	3730.909	1.4688	34.6785	138.229	1518.08	103525	24

71.908	3676.785	3731.755	1.4689	34.6786	138.187	1518.09	103549	24
71.9247	3677.601	3732.59	1.469	34.6786	138.26	1518.11	103573	24
71.9413	3678.543	3733.554	1.4692	34.6786	138.22	1518.12	103597	24
71.958	3679.709	3734.748	1.4692	34.6787	138.252	1518.14	103621	24
71.9747	3681.038	3736.109	1.4691	34.6788	138.23	1518.17	103645	24
71.9913	3682.359	3737.461	1.4692	34.6788	138.188	1518.19	103669	24
72.008	3683.457	3738.585	1.4693	34.6786	138.218	1518.21	103693	24
72.0247	3684.28	3739.427	1.4694	34.6785	138.224	1518.23	103717	24
72.0413	3684.916	3740.078	1.4695	34.6786	138.151	1518.24	103741	24
72.058	3685.616	3740.795	1.4695	34.6786	138.192	1518.25	103765	24
72.0746	3686.511	3741.711	1.4695	34.6786	138.2	1518.26	103789	24
72.0913	3687.539	3742.763	1.4696	34.6787	138.162	1518.28	103813	24
72.108	3688.633	3743.883	1.4697	34.6787	138.23	1518.3	103837	24
72.1247	3689.704	3744.98	1.4697	34.6787	138.146	1518.32	103861	24
72.1413	3690.67	3745.968	1.4698	34.6786	138.231	1518.34	103885	24
72.158	3691.545	3746.865	1.4698	34.6788	138.238	1518.35	103909	24
72.1747	3692.475	3747.817	1.4699	34.6788	138.227	1518.37	103933	24
72.1913	3693.491	3748.857	1.4701	34.6786	138.236	1518.39	103957	24
72.208	3694.521	3749.912	1.47	34.6788	138.256	1518.41	103981	24
72.2247	3695.533	3750.948	1.4702	34.6786	138.237	1518.43	104005	24
72.2413	3696.507	3751.944	1.4701	34.6787	138.255	1518.44	104029	24
72.258	3697.43	3752.89	1.4701	34.6787	138.273	1518.46	104053	24
72.2747	3698.382	3753.864	1.47	34.6788	138.273	1518.48	104077	24
72.2913	3699.389	3754.894	1.4701	34.6787	138.292	1518.49	104101	24
72.308	3700.381	3755.91	1.4702	34.6788	138.301	1518.51	104125	24
72.3246	3701.294	3756.844	1.4703	34.6786	138.318	1518.53	104149	24
72.3413	3702.117	3757.688	1.4702	34.6788	138.343	1518.54	104173	24
72.358	3702.912	3758.501	1.4702	34.6787	138.359	1518.56	104197	24
72.3747	3703.822	3759.433	1.47	34.6788	138.348	1518.57	104221	24
72.3913	3704.979	3760.618	1.4698	34.6789	138.361	1518.59	104245	24
72.408	3706.341	3762.012	1.4691	34.6789	138.38	1518.61	104269	24
72.4247	3707.699	3763.402	1.4683	34.6791	138.399	1518.63	104293	24
72.4413	3708.853	3764.584	1.4683	34.6791	138.431	1518.65	104317	24
72.458	3709.734	3765.486	1.4684	34.679	138.438	1518.67	104341	24

72.4747	3710.407	3766.175	1.4686	34.6788	138.47	1518.68	104365	24
72.4913	3711.04	3766.823	1.4686	34.6789	138.462	1518.69	104389	24
72.508	3711.782	3767.583	1.4687	34.679	138.524	1518.71	104413	24
72.5247	3712.669	3768.491	1.4687	34.6789	138.541	1518.72	104437	24
72.5413	3713.682	3769.527	1.4687	34.679	138.56	1518.74	104461	24
72.558	3714.784	3770.656	1.4688	34.6789	138.591	1518.76	104485	24
72.5746	3715.925	3771.824	1.4688	34.679	138.603	1518.78	104509	24
72.5913	3717.053	3772.98	1.4689	34.679	138.624	1518.8	104533	24
72.608	3718.169	3774.122	1.4691	34.6791	138.654	1518.82	104557	24
72.6247	3719.258	3775.236	1.4691	34.679	138.666	1518.84	104581	24
72.6413	3720.266	3776.268	1.4691	34.679	138.694	1518.86	104605	24
72.658	3721.148	3777.171	1.4691	34.679	138.711	1518.87	104629	24
72.6747	3721.914	3777.956	1.4694	34.679	138.687	1518.89	104653	24
72.6913	3722.678	3778.739	1.4694	34.6788	138.692	1518.9	104677	24
72.708	3723.567	3779.648	1.4692	34.679	138.691	1518.92	104701	24
72.7247	3724.587	3780.693	1.4695	34.679	138.747	1518.94	104725	24
72.7413	3725.621	3781.751	1.4691	34.679	138.74	1518.95	104749	24
72.758	3726.572	3782.724	1.4689	34.6791	138.72	1518.97	104773	24
72.7747	3727.474	3783.649	1.469	34.6792	138.718	1518.99	104797	24
72.7913	3728.407	3784.604	1.4691	34.679	138.774	1519	104821	24
72.808	3729.391	3785.612	1.4691	34.6791	138.755	1519.02	104845	24
72.8246	3730.416	3786.661	1.4688	34.6791	138.775	1519.04	104869	24
72.8413	3731.477	3787.748	1.4682	34.6792	138.759	1519.05	104893	24
72.858	3732.575	3788.872	1.4683	34.6791	138.751	1519.07	104917	24
72.8747	3733.723	3790.048	1.468	34.6793	138.803	1519.09	104941	24
72.8913	3734.871	3791.222	1.4678	34.6793	138.835	1519.11	104965	24
72.908	3735.929	3792.306	1.4676	34.6793	138.866	1519.13	104989	24
72.9247	3736.817	3793.215	1.4679	34.6792	138.825	1519.15	105013	24
72.9413	3737.555	3793.971	1.4677	34.6792	138.888	1519.16	105037	24
72.958	3738.283	3794.716	1.4676	34.6793	138.911	1519.17	105061	24
72.9747	3739.117	3795.57	1.467	34.6794	138.929	1519.18	105085	24
72.9913	3740.06	3796.535	1.4667	34.6795	139.025	1519.2	105109	24
73.008	3741.038	3797.537	1.4667	34.6795	139.034	1519.21	105133	24
73.0247	3741.985	3798.506	1.4667	34.6795	139.091	1519.23	105157	24

73.0413	3742.942	3799.486	1.4667	34.6794	139.071	1519.25	105181	24
73.058	3743.974	3800.543	1.4667	34.6795	139.129	1519.27	105205	24
73.0746	3745.095	3801.692	1.4665	34.6796	139.132	1519.29	105229	24
73.0913	3746.268	3802.893	1.4666	34.6796	139.173	1519.31	105253	24
73.108	3747.408	3804.06	1.4664	34.6796	139.206	1519.33	105277	24
73.1247	3748.398	3805.074	1.4662	34.6795	139.216	1519.34	105301	24
73.1413	3749.202	3805.897	1.466	34.6797	139.203	1519.36	105325	24
73.158	3749.956	3806.668	1.4658	34.6796	139.276	1519.37	105349	24
73.1747	3750.832	3807.566	1.4658	34.6796	139.264	1519.38	105373	24
73.1913	3751.828	3808.586	1.4657	34.6796	139.293	1519.4	105397	24
73.208	3752.826	3809.607	1.4658	34.6796	139.312	1519.42	105421	24
73.2247	3753.781	3810.585	1.4659	34.6795	139.349	1519.44	105445	24
73.2413	3754.741	3811.568	1.4658	34.6797	139.378	1519.45	105469	24
73.258	3755.774	3812.627	1.4658	34.6798	139.398	1519.47	105493	24
73.2747	3756.881	3813.76	1.4658	34.6797	139.419	1519.49	105517	24
73.2913	3757.984	3814.89	1.4659	34.6797	139.439	1519.51	105541	24
73.308	3759.035	3815.967	1.4658	34.6797	139.499	1519.53	105565	24
73.3246	3760.053	3817.009	1.4658	34.6795	139.499	1519.55	105589	24
73.3413	3761.087	3818.067	1.4659	34.6796	139.538	1519.56	105613	24
73.358	3762.114	3819.119	1.4654	34.6797	139.521	1519.58	105637	24
73.3747	3763.062	3820.09	1.465	34.6798	139.56	1519.6	105661	24
73.3913	3763.874	3820.921	1.4646	34.6798	139.596	1519.61	105685	24
73.408	3764.567	3821.631	1.4644	34.6798	139.591	1519.62	105709	24
73.4247	3765.291	3822.372	1.4642	34.6798	139.606	1519.63	105733	24
73.4413	3766.17	3823.272	1.4639	34.68	139.633	1519.65	105757	24
73.458	3767.201	3824.328	1.4633	34.6801	139.694	1519.66	105781	24
73.4747	3768.321	3825.475	1.463	34.68	139.639	1519.68	105805	24
73.4913	3769.432	3826.613	1.4627	34.6802	139.691	1519.7	105829	24
73.508	3770.487	3827.694	1.4625	34.6801	139.731	1519.72	105853	24
73.5247	3771.48	3828.71	1.4621	34.6802	139.752	1519.73	105877	24
73.5413	3772.494	3829.748	1.4615	34.6803	139.802	1519.75	105901	24
73.558	3773.596	3830.877	1.4616	34.6803	139.91	1519.77	105925	24
73.5746	3774.757	3832.067	1.4615	34.6803	139.961	1519.79	105949	24
73.5913	3775.841	3833.176	1.4616	34.6803	140.01	1519.81	105973	24

73.608	3776.729	3834.085	1.4617	34.6802	140.047	1519.82	105997	24
73.6247	3777.427	3834.801	1.4616	34.6801	140.09	1519.83	106021	24
73.6413	3778.101	3835.491	1.4616	34.6801	140.132	1519.85	106045	24
73.658	3778.952	3836.363	1.4616	34.6803	140.215	1519.86	106069	24
73.6747	3779.989	3837.425	1.4615	34.6803	140.197	1519.88	106093	24
73.6913	3781.107	3838.57	1.4616	34.6803	140.267	1519.9	106117	24
73.708	3782.218	3839.707	1.4616	34.6803	140.279	1519.92	106141	24
73.7247	3783.274	3840.788	1.4616	34.6803	140.27	1519.94	106165	24
73.7413	3784.304	3841.844	1.4616	34.6804	140.271	1519.96	106189	24
73.758	3785.325	3842.89	1.4617	34.6804	140.3	1519.97	106213	24
73.7747	3786.313	3843.901	1.4618	34.6803	140.377	1519.99	106237	24
73.7913	3787.266	3844.878	1.4618	34.6803	140.395	1520.01	106261	24
73.808	3788.263	3845.898	1.4619	34.6803	140.434	1520.03	106285	24
73.8246	3789.28	3846.94	1.462	34.6803	140.434	1520.05	106309	24
73.8413	3790.179	3847.861	1.462	34.6803	140.499	1520.06	106333	24
73.858	3790.931	3848.631	1.4621	34.6803	140.475	1520.08	106357	24
73.8747	3791.671	3849.388	1.4622	34.6801	140.422	1520.09	106381	24
73.8913	3792.534	3850.272	1.4622	34.6803	140.458	1520.1	106405	24
73.908	3793.549	3851.312	1.4623	34.6803	140.429	1520.12	106429	24
73.9247	3794.697	3852.488	1.4624	34.6804	140.422	1520.14	106453	24
73.9413	3795.905	3853.725	1.4625	34.6804	140.416	1520.16	106477	24
73.958	3797.063	3854.911	1.4627	34.6803	140.466	1520.19	106501	24
73.9747	3798.121	3855.995	1.4628	34.6803	140.487	1520.21	106525	24
73.9913	3799.086	3856.983	1.4629	34.6803	140.466	1520.22	106549	24
74.008	3799.97	3857.888	1.4628	34.6804	140.493	1520.24	106573	24
74.0247	3800.846	3858.786	1.4628	34.6802	140.501	1520.25	106597	24
74.0413	3801.808	3859.772	1.4628	34.6803	140.5	1520.27	106621	24
74.058	3802.84	3860.827	1.4631	34.6803	140.452	1520.29	106645	24
74.0746	3803.836	3861.848	1.4632	34.6804	140.48	1520.31	106669	24
74.0913	3804.743	3862.777	1.4631	34.6804	140.45	1520.32	106693	24
74.108	3805.569	3863.623	1.4633	34.6802	140.446	1520.34	106717	24
74.1247	3806.386	3864.46	1.4632	34.6803	140.472	1520.35	106741	24
74.1413	3807.293	3865.388	1.4632	34.6803	140.48	1520.37	106765	24
74.158	3808.33	3866.452	1.463	34.6805	140.539	1520.39	106789	24

74.1747	3809.492	3867.641	1.4628	34.6805	140.524	1520.41	106813	24
74.1913	3810.651	3868.829	1.4628	34.6804	140.537	1520.43	106837	24
74.208	3811.699	3869.902	1.4629	34.6805	140.508	1520.45	106861	24
74.2247	3812.585	3870.809	1.4631	34.6804	140.515	1520.46	106885	24
74.2413	3813.354	3871.597	1.4633	34.6805	140.52	1520.48	106909	24
74.258	3814.111	3872.373	1.4635	34.6803	140.524	1520.49	106933	24
74.2747	3814.947	3873.229	1.4636	34.6803	140.559	1520.5	106957	24
74.2913	3815.954	3874.26	1.4631	34.6805	140.571	1520.52	106981	24
74.308	3817.101	3875.435	1.4633	34.6805	140.612	1520.54	107005	24
74.3246	3818.26	3876.622	1.464	34.6803	140.603	1520.57	107029	24
74.3413	3819.334	3877.722	1.4639	34.6805	140.624	1520.58	107053	24
74.358	3820.309	3878.721	1.4639	34.6803	140.643	1520.6	107077	24
74.3747	3821.233	3879.668	1.4636	34.6803	140.662	1520.62	107101	24
74.3913	3822.171	3880.628	1.4634	34.6805	140.642	1520.63	107125	24
74.408	3823.206	3881.688	1.4634	34.6804	140.672	1520.65	107149	24
74.4247	3824.343	3882.853	1.4626	34.6806	140.619	1520.67	107173	24
74.4413	3825.487	3884.025	1.4623	34.6807	140.662	1520.69	107197	24
74.458	3826.518	3885.081	1.4623	34.6807	140.682	1520.7	107221	24
74.4747	3827.425	3886.01	1.4623	34.6807	140.612	1520.72	107245	24
74.4913	3828.25	3886.855	1.4624	34.6806	140.715	1520.74	107269	24
74.508	3829.037	3887.661	1.4626	34.6805	140.769	1520.75	107293	24
74.5247	3829.824	3888.467	1.4626	34.6806	140.804	1520.76	107317	24
74.5413	3830.677	3889.341	1.4627	34.6805	140.83	1520.78	107341	24
74.558	3831.633	3890.32	1.4627	34.6808	140.858	1520.8	107365	24
74.5746	3832.688	3891.401	1.4629	34.6807	140.868	1520.82	107389	24
74.5913	3833.805	3892.545	1.4631	34.6807	140.908	1520.84	107413	24
74.608	3834.937	3893.705	1.463	34.6807	140.911	1520.86	107437	24
74.6247	3836.021	3894.816	1.4632	34.6807	140.922	1520.88	107461	24
74.6413	3836.982	3895.8	1.4633	34.6806	140.97	1520.89	107485	24
74.658	3837.817	3896.655	1.4634	34.6805	140.947	1520.91	107509	24
74.6747	3838.584	3897.441	1.4634	34.6805	140.971	1520.92	107533	24
74.6913	3839.454	3898.333	1.4636	34.6805	140.91	1520.94	107557	24
74.708	3840.508	3899.412	1.4636	34.6807	140.989	1520.96	107581	24
74.7247	3841.678	3900.611	1.4637	34.6806	140.943	1520.98	107605	24

74.7413	3842.844	3901.805	1.4638	34.6807	140.917	1521	107629	24
74.758	3843.934	3902.922	1.4638	34.6808	140.919	1521.02	107653	24
74.7747	3844.99	3904.003	1.4638	34.6807	140.891	1521.04	107677	24
74.7913	3846.01	3905.048	1.4636	34.6808	140.93	1521.06	107701	24
74.808	3846.907	3905.967	1.4626	34.6808	140.961	1521.07	107725	24
74.8246	3847.627	3906.704	1.4621	34.6808	140.958	1521.08	107749	24
74.8413	3848.271	3907.365	1.462	34.6809	140.961	1521.09	107773	24
74.858	3849.096	3908.21	1.4621	34.6809	140.967	1521.1	107797	24
74.8747	3850.222	3909.364	1.4622	34.681	140.998	1521.12	107821	24
74.8913	3851.523	3910.696	1.4624	34.681	141.013	1521.15	107845	24
74.908	3852.757	3911.96	1.4626	34.681	141.095	1521.17	107869	24
74.9247	3853.737	3912.964	1.4626	34.6809	141.085	1521.19	107893	24
74.9413	3854.454	3913.699	1.4628	34.6808	141.137	1521.2	107917	24
74.958	3855.077	3914.337	1.4626	34.6808	141.198	1521.21	107941	24
74.9747	3855.844	3915.122	1.4627	34.6808	141.184	1521.23	107965	24
74.9913	3856.836	3916.139	1.4628	34.6809	141.232	1521.24	107989	24
75.008	3857.972	3917.304	1.463	34.6809	141.176	1521.26	108013	24
75.0247	3859.172	3918.532	1.4631	34.681	141.248	1521.29	108037	24
75.0413	3860.411	3919.802	1.4631	34.681	141.272	1521.31	108061	24
75.058	3861.658	3921.079	1.4633	34.681	141.237	1521.33	108085	24
75.0746	3862.837	3922.287	1.4634	34.6809	141.279	1521.35	108109	24
75.0913	3863.813	3923.287	1.4634	34.6809	141.308	1521.37	108133	24
75.108	3864.496	3923.987	1.4635	34.6807	141.311	1521.38	108157	24
75.1247	3864.927	3924.428	1.4636	34.6806	141.29	1521.39	108181	24
75.1413	3865.441	3924.955	1.4636	34.6808	141.3	1521.4	108205	24
75.158	3866.342	3925.879	1.4637	34.6809	141.327	1521.41	108229	24
75.1747	3867.583	3927.149	1.4637	34.6809	141.332	1521.44	108253	24
75.1913	3868.986	3928.587	1.4638	34.6811	141.329	1521.46	108277	24
75.208	3870.354	3929.989	1.4638	34.681	141.366	1521.49	108301	24
75.2247	3871.542	3931.206	1.4639	34.6809	141.311	1521.51	108325	24
75.2413	3872.527	3932.215	1.464	34.6809	141.379	1521.53	108349	24
75.258	3873.362	3933.071	1.4639	34.681	141.346	1521.54	108373	24
75.2747	3874.144	3933.871	1.4639	34.681	141.401	1521.55	108397	24
75.2913	3874.914	3934.661	1.4637	34.6809	141.397	1521.57	108421	24

75.308	3875.693	3935.459	1.4637	34.6809	141.364	1521.58	108445	24
75.3246	3876.547	3936.333	1.4637	34.681	141.409	1521.59	108469	24
75.3413	3877.557	3937.368	1.4638	34.681	141.468	1521.61	108493	24
75.358	3878.74	3938.581	1.4639	34.6811	141.393	1521.63	108517	24
75.3747	3880.012	3939.884	1.464	34.6811	141.417	1521.66	108541	24
75.3913	3881.202	3941.103	1.464	34.6811	141.402	1521.68	108565	24
75.408	3882.137	3942.061	1.464	34.6811	141.469	1521.7	108589	24
75.4247	3882.742	3942.681	1.4641	34.6808	141.481	1521.71	108613	24
75.4413	3883.163	3943.112	1.4641	34.6808	141.43	1521.71	108637	24
75.458	3883.83	3943.796	1.4641	34.681	141.463	1521.73	108661	24
75.4747	3884.895	3944.887	1.4642	34.681	141.454	1521.75	108685	24
75.4913	3886.204	3946.228	1.4642	34.6811	141.479	1521.77	108709	24
75.508	3887.59	3947.648	1.4642	34.6811	141.496	1521.79	108733	24
75.5247	3888.925	3949.017	1.4643	34.6812	141.512	1521.82	108757	24
75.5413	3890.113	3950.234	1.4644	34.6812	141.516	1521.84	108781	24
75.558	3891.088	3951.232	1.4645	34.6811	141.476	1521.86	108805	24
75.5746	3891.897	3952.062	1.4642	34.6812	141.522	1521.87	108829	24
75.5913	3892.671	3952.855	1.4642	34.6811	141.518	1521.88	108853	24
75.608	3893.522	3953.726	1.4642	34.6811	141.544	1521.9	108877	24
75.6247	3894.463	3954.691	1.4642	34.6812	141.592	1521.91	108901	24
75.6413	3895.441	3955.693	1.4643	34.6812	141.562	1521.93	108925	24
75.658	3896.423	3956.699	1.4643	34.6812	141.62	1521.95	108949	24
75.6747	3897.437	3957.738	1.4643	34.6813	141.62	1521.97	108973	24
75.6913	3898.484	3958.811	1.4643	34.6812	141.572	1521.99	108997	24
75.708	3899.489	3959.841	1.4644	34.6812	141.533	1522	109021	24
75.7247	3900.371	3960.744	1.4643	34.6811	141.6	1522.02	109045	24
75.7413	3901.16	3961.553	1.4641	34.6812	141.606	1522.03	109069	24
75.758	3901.967	3962.38	1.4639	34.6811	141.554	1522.05	109093	24
75.7747	3902.9	3963.335	1.4639	34.6813	141.641	1522.06	109117	24
75.7913	3903.969	3964.432	1.4639	34.6813	141.642	1522.08	109141	24
75.808	3905.115	3965.605	1.4641	34.6813	141.635	1522.1	109165	24
75.8246	3906.256	3966.775	1.464	34.6813	141.736	1522.12	109189	24
75.8413	3907.318	3967.863	1.4638	34.6815	141.767	1522.14	109213	24
75.858	3908.279	3968.848	1.4637	34.6814	141.766	1522.16	109237	24

75.8747	3909.199	3969.79	1.4638	34.6814	141.764	1522.17	109261	24
75.8913	3910.153	3970.769	1.4639	34.6814	141.773	1522.19	109285	24
75.908	3911.171	3971.811	1.464	34.6815	141.773	1522.21	109309	24
75.9247	3912.245	3972.912	1.4641	34.6813	141.794	1522.23	109333	24
75.9413	3913.329	3974.022	1.4641	34.6813	141.854	1522.25	109357	24
75.958	3914.356	3975.075	1.4639	34.6815	141.846	1522.27	109381	24
75.9747	3915.294	3976.036	1.4638	34.6815	141.825	1522.28	109405	24
75.9913	3916.169	3976.933	1.4638	34.6815	141.832	1522.3	109429	24
76.008	3916.985	3977.769	1.4638	34.6814	141.888	1522.31	109453	24
76.0247	3917.709	3978.511	1.4639	34.6813	141.882	1522.32	109477	24
76.0413	3918.411	3979.23	1.464	34.6812	141.915	1522.34	109501	24
76.058	3919.271	3980.112	1.4637	34.6815	141.962	1522.35	109525	24
76.0746	3920.407	3981.276	1.4638	34.6816	142.043	1522.37	109549	24
76.0913	3921.74	3982.642	1.4639	34.6815	142.059	1522.4	109573	24
76.108	3923.072	3984.007	1.464	34.6816	142.016	1522.42	109597	24
76.1247	3924.245	3985.209	1.4643	34.6815	141.92	1522.44	109621	24
76.1413	3925.225	3986.213	1.4643	34.6814	141.989	1522.46	109645	24
76.158	3926.03	3987.038	1.4644	34.6814	141.975	1522.47	109669	24
76.1747	3926.729	3987.754	1.4644	34.6814	141.969	1522.49	109693	24
76.1913	3927.442	3988.485	1.4644	34.6816	141.983	1522.5	109717	24
76.208	3928.325	3989.39	1.4644	34.6814	142.02	1522.51	109741	24
76.2247	3929.426	3990.518	1.4643	34.6815	142.052	1522.53	109765	24
76.2413	3930.649	3991.772	1.464	34.6816	142.008	1522.55	109789	24
76.258	3931.838	3992.991	1.4636	34.6817	142.013	1522.57	109813	24
76.2747	3932.887	3994.065	1.4637	34.6815	142.013	1522.59	109837	24
76.2913	3933.78	3994.981	1.4636	34.6816	141.963	1522.61	109861	24
76.308	3934.549	3995.769	1.4637	34.6816	142.027	1522.62	109885	24
76.3246	3935.294	3996.532	1.4638	34.6816	142.021	1522.64	109909	24
76.3413	3936.175	3997.436	1.4639	34.6816	141.979	1522.65	109933	24
76.358	3937.256	3998.543	1.464	34.6817	142.039	1522.67	109957	24
76.3747	3938.496	3999.814	1.4641	34.6816	142.034	1522.69	109981	24
76.3913	3939.746	4001.094	1.4643	34.6816	142.077	1522.72	110005	24
76.408	3940.865	4002.242	1.4641	34.6817	142.09	1522.74	110029	24
76.4247	3941.801	4003.201	1.4641	34.6816	142.128	1522.75	110053	24

76.4413	3942.601	4004.021	1.4641	34.6816	142.134	1522.77	110077	24
76.458	3943.387	4004.827	1.464	34.6816	142.15	1522.78	110101	24
76.4747	3944.236	4005.696	1.4638	34.6817	142.167	1522.79	110125	24
76.4913	3945.156	4006.639	1.4635	34.6818	142.176	1522.81	110149	24
76.508	3946.139	4007.647	1.4636	34.6817	142.235	1522.83	110173	24
76.5247	3947.161	4008.695	1.4636	34.6818	142.225	1522.84	110197	24
76.5413	3948.22	4009.779	1.4635	34.6819	142.217	1522.86	110221	24
76.558	3949.32	4010.907	1.4635	34.6819	142.268	1522.88	110245	24
76.5746	3950.414	4012.028	1.4635	34.6818	142.26	1522.9	110269	24
76.5913	3951.397	4013.036	1.4633	34.6819	142.29	1522.92	110293	24
76.608	3952.255	4013.915	1.4632	34.6819	142.307	1522.93	110317	24
76.6247	3953.049	4014.729	1.4631	34.6818	142.343	1522.95	110341	24
76.6413	3953.919	4015.62	1.4632	34.6817	142.32	1522.96	110365	24
76.658	3954.941	4016.669	1.4629	34.682	142.41	1522.98	110389	24
76.6747	3956.07	4017.826	1.4626	34.6819	142.375	1523	110413	24
76.6913	3957.199	4018.983	1.462	34.682	142.458	1523.01	110437	24
76.708	3958.254	4020.064	1.4613	34.6821	142.432	1523.03	110461	24
76.7247	3959.208	4021.042	1.4612	34.6822	142.441	1523.05	110485	24
76.7413	3960.051	4021.905	1.4614	34.682	142.497	1523.06	110509	24
76.758	3960.817	4022.691	1.4614	34.6821	142.502	1523.08	110533	24
76.7747	3961.653	4023.548	1.4616	34.682	142.537	1523.09	110557	24
76.7913	3962.669	4024.589	1.4616	34.6822	142.587	1523.11	110581	24
76.808	3963.815	4025.763	1.4618	34.6822	142.609	1523.13	110605	24
76.8246	3964.98	4026.958	1.4619	34.6822	142.642	1523.15	110629	24
76.8413	3966.079	4028.084	1.4619	34.6821	142.663	1523.17	110653	24
76.858	3967.082	4029.112	1.462	34.6821	142.712	1523.19	110677	24
76.8747	3967.988	4030.041	1.4621	34.6821	142.71	1523.21	110701	24
76.8913	3968.839	4030.913	1.462	34.6821	142.747	1523.22	110725	24
76.908	3969.681	4031.776	1.4622	34.682	142.753	1523.24	110749	24
76.9247	3970.559	4032.677	1.4619	34.6821	142.742	1523.25	110773	24
76.9413	3971.496	4033.636	1.4618	34.6822	142.79	1523.27	110797	24
76.958	3972.492	4034.658	1.4619	34.6821	142.829	1523.29	110821	24
76.9747	3973.553	4035.745	1.4619	34.6822	142.811	1523.3	110845	24
76.9913	3974.674	4036.895	1.462	34.6822	142.862	1523.33	110869	24

77.008	3975.835	4038.085	1.4619	34.6822	142.836	1523.35	110893	24
77.0247	3976.961	4039.239	1.462	34.6822	142.878	1523.37	110917	24
77.0413	3977.939	4040.241	1.4619	34.6823	142.917	1523.38	110941	24
77.058	3978.729	4041.051	1.4618	34.6822	142.884	1523.4	110965	24
77.0746	3979.441	4041.781	1.462	34.6821	142.868	1523.41	110989	24
77.0913	3980.293	4042.654	1.4619	34.6823	142.885	1523.42	111013	24
77.108	3981.368	4043.755	1.4622	34.6821	142.905	1523.44	111037	24
77.1247	3982.563	4044.981	1.4623	34.6822	142.928	1523.47	111061	24
77.1413	3983.72	4046.167	1.4625	34.6823	142.95	1523.49	111085	24
77.158	3984.71	4047.182	1.4627	34.6821	142.959	1523.51	111109	24
77.1747	3985.484	4047.976	1.4626	34.6823	142.995	1523.52	111133	24
77.1913	3986.153	4048.662	1.4627	34.6821	142.998	1523.53	111157	24
77.208	3986.953	4049.48	1.4628	34.6822	143.013	1523.55	111181	24
77.2247	3988.001	4050.555	1.4631	34.6821	143.013	1523.57	111205	24
77.2413	3989.246	4051.832	1.4631	34.6823	143.008	1523.59	111229	24
77.258	3990.541	4053.159	1.4631	34.6823	143.043	1523.61	111253	24
77.2747	3991.686	4054.333	1.4625	34.6824	143.028	1523.63	111277	24
77.2913	3992.595	4055.265	1.4623	34.6822	143.037	1523.64	111301	24
77.308	3993.372	4056.061	1.4616	34.6823	143.025	1523.65	111325	24
77.3246	3994.247	4056.958	1.4613	34.6824	143.063	1523.67	111349	24
77.3413	3995.289	4058.026	1.4613	34.6825	143.064	1523.69	111373	24
77.358	3996.399	4059.164	1.4613	34.6824	143.096	1523.71	111397	24
77.3747	3997.465	4060.257	1.4614	34.6825	143.137	1523.73	111421	24
77.3913	3998.402	4061.218	1.4615	34.6824	143.135	1523.74	111445	24
77.408	3999.237	4062.074	1.4614	34.6825	143.152	1523.76	111469	24
77.4247	4000.047	4062.904	1.4617	34.6824	143.157	1523.77	111493	24
77.4413	4000.898	4063.777	1.4618	34.6824	143.194	1523.79	111517	24
77.458	4001.833	4064.735	1.4617	34.6825	143.202	1523.81	111541	24
77.4747	4002.88	4065.808	1.4619	34.6825	143.262	1523.82	111565	24
77.4913	4003.951	4066.906	1.462	34.6825	143.203	1523.84	111589	24
77.508	4004.949	4067.929	1.4621	34.6825	143.292	1523.86	111613	24
77.5247	4005.915	4068.919	1.4622	34.6823	143.291	1523.88	111637	24
77.5413	4006.937	4069.967	1.4609	34.6826	143.316	1523.89	111661	24
77.558	4008.052	4071.11	1.4603	34.6828	143.35	1523.91	111685	24

77.5746	4009.215	4072.302	1.4602	34.6827	143.384	1523.93	111709	24
77.5913	4010.308	4073.423	1.4605	34.6827	143.405	1523.95	111733	24
77.608	4011.219	4074.357	1.4605	34.6826	143.373	1523.97	111757	24
77.6247	4011.908	4075.063	1.4604	34.6826	143.397	1523.98	111781	24
77.6413	4012.509	4075.68	1.4603	34.6826	143.439	1523.99	111805	24
77.658	4013.266	4076.456	1.4603	34.6826	143.444	1524	111829	24
77.6747	4014.3	4077.516	1.4603	34.6827	143.524	1524.02	111853	24
77.6913	4015.566	4078.814	1.4603	34.6828	143.539	1524.04	111877	24
77.708	4016.888	4080.169	1.4601	34.6829	143.586	1524.07	111901	24
77.7247	4018.089	4081.401	1.4602	34.6828	143.57	1524.09	111925	24
77.7413	4019.072	4082.408	1.4602	34.6827	143.609	1524.1	111949	24
77.758	4019.904	4083.261	1.4603	34.6827	143.616	1524.12	111973	24
77.7747	4020.681	4084.057	1.4604	34.6827	143.661	1524.13	111997	24
77.7913	4021.452	4084.849	1.4603	34.6827	143.686	1524.15	112021	24
77.808	4022.307	4085.725	1.4602	34.6828	143.693	1524.16	112045	24
77.8246	4023.331	4086.775	1.4604	34.6829	143.723	1524.18	112069	24
77.8413	4024.489	4087.962	1.4605	34.6828	143.756	1524.2	112093	24
77.858	4025.674	4089.177	1.4606	34.6828	143.769	1524.22	112117	24
77.8747	4026.789	4090.32	1.4605	34.6828	143.801	1524.24	112141	24
77.8913	4027.756	4091.311	1.4606	34.6826	143.84	1524.26	112165	24
77.908	4028.553	4092.129	1.4606	34.6828	143.836	1524.27	112189	24
77.9247	4029.315	4092.91	1.4604	34.6827	143.842	1524.29	112213	24
77.9413	4030.165	4093.782	1.4605	34.6828	143.869	1524.3	112237	24
77.958	4031.123	4094.763	1.4605	34.6828	143.888	1524.32	112261	24
77.9747	4032.166	4095.833	1.4603	34.683	143.899	1524.34	112285	24
77.9913	4033.281	4096.975	1.4604	34.6829	143.931	1524.36	112309	24
78.008	4034.411	4098.135	1.4604	34.683	143.913	1524.38	112333	24
78.0247	4035.504	4099.255	1.4606	34.6829	143.945	1524.4	112357	24
78.0413	4036.525	4100.302	1.4606	34.6829	143.955	1524.42	112381	24
78.058	4037.482	4101.283	1.4608	34.6829	143.943	1524.43	112405	24
78.0746	4038.407	4102.232	1.4609	34.6829	144.001	1524.45	112429	24
78.0913	4039.337	4103.185	1.4609	34.6829	143.98	1524.47	112453	24
78.108	4040.296	4104.168	1.461	34.6829	143.989	1524.48	112477	24
78.1247	4041.278	4105.176	1.4611	34.6829	144.028	1524.5	112501	24

78.1413	4042.293	4106.216	1.4609	34.683	144.079	1524.52	112525	24
78.158	4043.312	4107.261	1.461	34.683	144.049	1524.54	112549	24
78.1747	4044.255	4108.228	1.461	34.6831	144.068	1524.55	112573	24
78.1913	4045.089	4109.083	1.461	34.6829	144.075	1524.57	112597	24
78.208	4045.873	4109.887	1.461	34.683	144.09	1524.58	112621	24
78.2247	4046.726	4110.762	1.4609	34.6829	144.097	1524.6	112645	24
78.2413	4047.693	4111.753	1.461	34.683	144.106	1524.62	112669	24
78.258	4048.752	4112.839	1.4609	34.6831	144.107	1524.63	112693	24
78.2747	4049.837	4113.952	1.4611	34.683	144.139	1524.65	112717	24
78.2913	4050.905	4115.047	1.4612	34.6829	144.12	1524.67	112741	24
78.308	4051.999	4116.168	1.4612	34.683	144.151	1524.69	112765	24
78.3246	4053.158	4117.357	1.4612	34.6831	144.115	1524.71	112789	24
78.3413	4054.355	4118.584	1.461	34.6831	144.119	1524.73	112813	24
78.358	4055.462	4119.719	1.4604	34.6831	144.173	1524.75	112837	24
78.3747	4056.387	4120.668	1.4602	34.6832	144.162	1524.77	112861	24
78.3913	4057.134	4121.433	1.4601	34.6831	144.178	1524.78	112885	24
78.408	4057.843	4122.16	1.4601	34.6831	144.152	1524.79	112909	24
78.4247	4058.684	4123.024	1.4602	34.6831	144.188	1524.81	112933	24
78.4413	4059.695	4124.06	1.4602	34.6831	144.208	1524.82	112957	24
78.458	4060.783	4125.175	1.4602	34.6833	144.24	1524.84	112981	24
78.4747	4061.829	4126.248	1.46	34.6832	144.272	1524.86	113005	24
78.4913	4062.772	4127.215	1.4599	34.6833	144.321	1524.88	113029	24
78.508	4063.633	4128.098	1.4596	34.6833	144.359	1524.89	113053	24
78.5247	4064.508	4128.995	1.4598	34.6831	144.366	1524.91	113077	24
78.5413	4065.495	4130.007	1.4597	34.6832	144.406	1524.93	113101	24
78.558	4066.592	4131.133	1.4598	34.6833	144.408	1524.94	113125	24
78.5746	4067.723	4132.292	1.4597	34.6833	144.43	1524.97	113149	24
78.5913	4068.79	4133.386	1.4598	34.6833	144.431	1524.98	113173	24
78.608	4069.764	4134.385	1.4598	34.6834	144.441	1525	113197	24
78.6247	4070.649	4135.293	1.4598	34.6833	144.458	1525.02	113221	24
78.6413	4071.476	4136.141	1.4598	34.6833	144.485	1525.03	113245	24
78.658	4072.275	4136.96	1.4598	34.6833	144.501	1525.05	113269	24
78.6747	4073.144	4137.851	1.4594	34.6833	144.55	1525.06	113293	24
78.6913	4074.145	4138.877	1.4593	34.6834	144.52	1525.08	113317	24

78.708	4075.275	4140.036	1.4595	34.6833	144.593	1525.1	113341	24
78.7247	4076.474	4141.266	1.4594	34.6834	144.627	1525.12	113365	24
78.7413	4077.681	4142.504	1.4592	34.6836	144.601	1525.14	113389	24
78.758	4078.818	4143.67	1.4592	34.6835	144.694	1525.16	113413	24
78.7747	4079.837	4144.715	1.4592	34.6834	144.675	1525.18	113437	24
78.7913	4080.771	4145.673	1.4593	34.6834	144.753	1525.19	113461	24
78.808	4081.664	4146.588	1.4594	34.6833	144.731	1525.21	113485	24
78.8246	4082.496	4147.442	1.4594	34.6835	144.767	1525.23	113509	24
78.8413	4083.251	4148.216	1.4594	34.6834	144.803	1525.24	113533	24
78.858	4084.004	4148.988	1.4594	34.6834	144.787	1525.25	113557	24
78.8747	4084.877	4149.883	1.4595	34.6836	144.825	1525.27	113581	24
78.8913	4085.933	4150.967	1.4596	34.6835	144.866	1525.29	113605	24
78.908	4087.165	4152.23	1.4595	34.6836	144.83	1525.31	113629	24
78.9247	4088.453	4153.551	1.4596	34.6836	144.926	1525.33	113653	24
78.9413	4089.579	4154.706	1.4594	34.6836	144.899	1525.35	113677	24
78.958	4090.463	4155.613	1.4593	34.6835	144.887	1525.37	113701	24
78.9747	4091.216	4156.385	1.4595	34.6834	144.922	1525.38	113725	24
78.9913	4092.067	4157.258	1.4591	34.6836	144.93	1525.39	113749	24
79.008	4093.038	4158.253	1.4592	34.6835	144.899	1525.41	113773	24
79.0247	4094.044	4159.285	1.459	34.6837	144.97	1525.43	113797	24
79.0413	4095.052	4160.318	1.459	34.6836	144.98	1525.45	113821	24
79.058	4096.078	4161.371	1.4589	34.6837	144.951	1525.47	113845	24
79.0746	4097.117	4162.436	1.459	34.6836	144.981	1525.48	113869	24
79.0913	4098.138	4163.483	1.459	34.6837	145.032	1525.5	113893	24
79.108	4099.093	4164.462	1.4591	34.6837	145.001	1525.52	113917	24
79.1247	4099.977	4165.369	1.4591	34.6837	145.028	1525.53	113941	24
79.1413	4100.903	4166.32	1.4592	34.6837	145.077	1525.55	113965	24
79.158	4101.94	4167.383	1.4592	34.6838	145.047	1525.57	113989	24
79.1747	4103.028	4168.498	1.4594	34.6839	145.129	1525.59	114013	24
79.1913	4104.094	4169.593	1.4595	34.6836	145.079	1525.61	114037	24
79.208	4105.128	4170.652	1.4595	34.6838	145.14	1525.63	114061	24
79.2247	4106.125	4171.675	1.4593	34.6838	145.151	1525.65	114085	24
79.2413	4107.068	4172.643	1.4595	34.6838	145.169	1525.66	114109	24
79.258	4107.961	4173.558	1.4589	34.6839	145.149	1525.68	114133	24

79.2747	4108.798	4174.417	1.4589	34.6838	145.196	1525.69	114157	24
79.2913	4109.598	4175.237	1.4588	34.6837	145.193	1525.7	114181	24
79.308	4110.457	4176.118	1.4582	34.6839	145.212	1525.72	114205	24
79.3246	4111.438	4177.125	1.458	34.6839	145.283	1525.73	114229	24
79.3413	4112.532	4178.246	1.4577	34.684	145.285	1525.75	114253	24
79.358	4113.688	4179.432	1.4577	34.6841	145.309	1525.77	114277	24
79.3747	4114.868	4180.642	1.4578	34.684	145.342	1525.79	114301	24
79.3913	4116.013	4181.817	1.458	34.684	145.385	1525.81	114325	24
79.408	4117.077	4182.908	1.458	34.684	145.376	1525.83	114349	24
79.4247	4118.052	4183.908	1.4582	34.6839	145.415	1525.85	114373	24
79.4413	4118.911	4184.79	1.4582	34.6839	145.442	1525.87	114397	24
79.458	4119.65	4185.547	1.4583	34.6839	145.457	1525.88	114421	24
79.4747	4120.392	4186.308	1.4583	34.684	145.472	1525.89	114445	24
79.4913	4121.315	4187.255	1.4584	34.684	145.541	1525.91	114469	24
79.508	4122.396	4188.364	1.4585	34.684	145.501	1525.93	114493	24
79.5247	4123.503	4189.499	1.4586	34.684	145.553	1525.95	114517	24
79.5413	4124.488	4190.509	1.4586	34.684	145.543	1525.97	114541	24
79.558	4125.329	4191.373	1.4589	34.6839	145.6	1525.98	114565	24
79.5746	4126.146	4192.211	1.4589	34.6839	145.606	1526	114589	24
79.5913	4127.169	4193.26	1.4588	34.6841	145.576	1526.02	114613	24
79.608	4128.408	4194.531	1.4587	34.6842	145.611	1526.04	114637	24
79.6247	4129.694	4195.849	1.4588	34.6841	145.627	1526.06	114661	24
79.6413	4130.866	4197.052	1.4591	34.684	145.629	1526.08	114685	24
79.658	4131.839	4198.05	1.4588	34.684	145.64	1526.1	114709	24
79.6747	4132.644	4198.875	1.4575	34.6842	145.631	1526.11	114733	24
79.6913	4133.413	4199.664	1.4575	34.6843	145.656	1526.12	114757	24
79.708	4134.252	4200.525	1.4576	34.6841	145.673	1526.14	114781	24
79.7247	4135.145	4201.441	1.4576	34.6843	145.66	1526.15	114805	24
79.7413	4136.008	4202.327	1.4578	34.6841	145.708	1526.17	114829	24
79.758	4136.845	4203.185	1.4577	34.6841	145.745	1526.18	114853	24
79.7747	4137.771	4204.135	1.4578	34.6842	145.743	1526.2	114877	24
79.7913	4138.817	4205.208	1.4579	34.6842	145.784	1526.22	114901	24
79.808	4139.913	4206.331	1.458	34.6843	145.826	1526.24	114925	24
79.8246	4141.008	4207.455	1.4581	34.6842	145.837	1526.26	114949	24

79.8413	4142.133	4208.609	1.4581	34.6842	145.85	1526.28	114973	24
79.858	4143.254	4209.759	1.4583	34.6842	145.882	1526.3	114997	24
79.8747	4144.271	4210.802	1.4579	34.6843	145.914	1526.32	115021	24
79.8913	4145.135	4211.689	1.458	34.6842	145.921	1526.33	115045	24
79.908	4145.844	4212.416	1.4579	34.6843	145.895	1526.34	115069	24
79.9247	4146.57	4213.161	1.458	34.6842	145.96	1526.36	115093	24
79.9413	4147.587	4214.204	1.4582	34.6843	145.97	1526.38	115117	24
79.958	4148.887	4215.538	1.4583	34.6844	145.996	1526.4	115141	24
79.9747	4150.232	4216.917	1.4585	34.6843	146.012	1526.42	115165	24
79.9913	4151.41	4218.126	1.4586	34.6844	146.036	1526.45	115189	24
80.008	4152.36	4219.1	1.4587	34.6842	146.065	1526.46	115213	24
80.0247	4153.148	4219.909	1.4588	34.6841	146.06	1526.48	115237	24
80.0413	4153.912	4220.692	1.4588	34.6842	146.075	1526.49	115261	24
80.058	4154.755	4221.557	1.4588	34.6844	146.102	1526.51	115285	24
80.0746	4155.698	4222.524	1.459	34.6841	146.141	1526.52	115309	24
80.0913	4156.7	4223.553	1.4589	34.6843	146.121	1526.54	115333	24
80.108	4157.744	4224.624	1.4591	34.6843	146.172	1526.56	115357	24
80.1247	4158.857	4225.765	1.4592	34.6843	146.092	1526.58	115381	24
80.1413	4160.023	4226.961	1.4594	34.6843	146.156	1526.6	115405	24
80.158	4161.152	4228.12	1.4594	34.6843	146.128	1526.62	115429	24
80.1747	4162.135	4229.128	1.4592	34.6845	146.149	1526.64	115453	24
80.1913	4162.986	4230.002	1.4594	34.6843	146.135	1526.66	115477	24
80.208	4163.746	4230.781	1.4596	34.6842	146.109	1526.67	115501	24
80.2247	4164.476	4231.53	1.4596	34.6843	146.154	1526.68	115525	24
80.2413	4165.272	4232.346	1.4597	34.6843	146.089	1526.7	115549	24
80.258	4166.222	4233.321	1.4594	34.6843	146.099	1526.71	115573	24
80.2747	4167.302	4234.429	1.4593	34.6845	146.141	1526.73	115597	24
80.2913	4168.463	4235.62	1.4594	34.6844	146.124	1526.75	115621	24
80.308	4169.596	4236.783	1.4595	34.6844	146.156	1526.77	115645	24
80.3246	4170.588	4237.8	1.4596	34.6844	146.135	1526.79	115669	24
80.3413	4171.445	4238.679	1.4597	34.6843	146.163	1526.81	115693	24
80.358	4172.305	4239.562	1.46	34.6843	146.21	1526.82	115717	24
80.3747	4173.33	4240.613	1.4598	34.6844	146.221	1526.84	115741	24
80.3913	4174.515	4241.828	1.4595	34.6845	146.256	1526.86	115765	24

80.408	4175.77	4243.117	1.4597	34.6845	146.25	1526.88	115789	24
80.4247	4176.962	4244.339	1.4598	34.6845	146.233	1526.91	115813	24
80.4413	4177.986	4245.39	1.4599	34.6844	146.274	1526.92	115837	24
80.458	4178.811	4246.236	1.4599	34.6844	146.291	1526.94	115861	24
80.4747	4179.518	4246.962	1.4597	34.6845	146.275	1526.95	115885	24
80.4913	4180.251	4247.714	1.4596	34.6844	146.28	1526.96	115909	24
80.508	4181.139	4248.625	1.4593	34.6846	146.32	1526.98	115933	24
80.5247	4182.173	4249.686	1.4594	34.6844	146.381	1527	115957	24
80.5413	4183.253	4250.794	1.4596	34.6845	146.372	1527.02	115981	24
80.558	4184.332	4251.901	1.4596	34.6845	146.363	1527.04	116005	24
80.5746	4185.408	4253.005	1.4597	34.6846	146.405	1527.06	116029	24
80.5913	4186.462	4254.087	1.4598	34.6845	146.405	1527.07	116053	24
80.608	4187.423	4255.072	1.4599	34.6847	146.455	1527.09	116077	24
80.6247	4188.252	4255.923	1.46	34.6846	146.451	1527.11	116101	24
80.6413	4188.997	4256.688	1.46	34.6846	146.446	1527.12	116125	24
80.658	4189.793	4257.504	1.4602	34.6845	146.492	1527.14	116149	24
80.6747	4190.697	4258.431	1.4603	34.6845	146.479	1527.15	116173	24
80.6913	4191.729	4259.491	1.4602	34.6846	146.48	1527.17	116197	24
80.708	4192.863	4260.654	1.4603	34.6845	146.482	1527.19	116221	24
80.7247	4194.033	4261.854	1.4603	34.6847	146.486	1527.21	116245	24
80.7413	4195.162	4263.013	1.4602	34.6846	146.448	1527.23	116269	24
80.758	4196.216	4264.095	1.46	34.6848	146.48	1527.25	116293	24
80.7747	4197.206	4265.111	1.4602	34.6847	146.428	1527.27	116317	24
80.7913	4198.186	4266.115	1.4602	34.6847	146.458	1527.29	116341	24
80.808	4199.223	4267.179	1.4604	34.6846	146.519	1527.3	116365	24
80.8246	4200.308	4268.293	1.4603	34.6847	146.48	1527.32	116389	24
80.8413	4201.389	4269.402	1.4604	34.6848	146.543	1527.34	116413	24
80.858	4202.398	4270.438	1.4602	34.6847	146.502	1527.36	116437	24
80.8747	4203.276	4271.338	1.4601	34.6847	146.572	1527.38	116461	24
80.8913	4204.025	4272.107	1.4602	34.6846	146.535	1527.39	116485	24
80.908	4204.742	4272.843	1.4602	34.6846	146.601	1527.4	116509	24
80.9247	4205.526	4273.647	1.4598	34.6847	146.578	1527.41	116533	24
80.9413	4206.419	4274.563	1.4596	34.6848	146.638	1527.43	116557	24
80.958	4207.469	4275.64	1.4595	34.6848	146.638	1527.45	116581	24

80.9747	4208.644	4276.846	1.4595	34.6848	146.652	1527.47	116605	24
80.9913	4209.853	4278.087	1.4598	34.6849	146.686	1527.49	116629	24
81.008	4211.022	4279.286	1.4598	34.6848	146.71	1527.51	116653	24
81.0247	4212.105	4280.398	1.46	34.6849	146.731	1527.53	116677	24
81.0413	4213.062	4281.379	1.46	34.6849	146.76	1527.55	116701	24
81.058	4213.905	4282.245	1.4601	34.6846	146.767	1527.56	116725	24
81.0746	4214.732	4283.093	1.4602	34.6849	146.835	1527.58	116749	24
81.0913	4215.622	4284.007	1.4601	34.6849	146.812	1527.59	116773	24
81.108	4216.573	4284.982	1.4602	34.6847	146.882	1527.61	116797	24
81.1247	4217.541	4285.976	1.4604	34.6848	146.881	1527.63	116821	24
81.1413	4218.507	4286.967	1.4605	34.6848	146.89	1527.65	116845	24
81.158	4219.484	4287.97	1.4607	34.6849	146.848	1527.66	116869	24
81.1747	4220.51	4289.022	1.4608	34.6849	146.878	1527.68	116893	24
81.1913	4221.645	4290.187	1.4609	34.6848	146.87	1527.7	116917	24
81.208	4222.868	4291.442	1.461	34.6848	146.884	1527.73	116941	24
81.2247	4224.085	4292.691	1.4611	34.6848	146.919	1527.75	116965	24
81.2413	4225.203	4293.838	1.4608	34.6849	146.892	1527.77	116989	24
81.258	4226.151	4294.811	1.4608	34.6849	146.942	1527.79	117013	24
81.2747	4226.936	4295.616	1.4608	34.6848	146.876	1527.8	117037	24
81.2913	4227.649	4296.349	1.4604	34.6849	146.922	1527.81	117061	24
81.308	4228.419	4297.138	1.4603	34.6848	146.887	1527.82	117085	24
81.3246	4229.281	4298.024	1.46	34.685	146.906	1527.84	117109	24
81.3413	4230.204	4298.97	1.4597	34.685	146.936	1527.85	117133	24
81.358	4231.181	4299.973	1.4594	34.6851	146.936	1527.87	117157	24
81.3747	4232.183	4301.001	1.4593	34.6852	146.937	1527.89	117181	24
81.3913	4233.211	4302.057	1.4594	34.685	146.988	1527.91	117205	24
81.408	4234.29	4303.164	1.4594	34.6852	146.979	1527.92	117229	24
81.4247	4235.372	4304.274	1.4595	34.6851	147.022	1527.94	117253	24
81.4413	4236.358	4305.286	1.4595	34.6851	147.031	1527.96	117277	24
81.458	4237.249	4306.2	1.4595	34.6851	147.08	1527.98	117301	24
81.4747	4238.166	4307.141	1.4595	34.685	147.13	1527.99	117325	24
81.4913	4239.226	4308.229	1.4596	34.6852	147.171	1528.01	117349	24
81.508	4240.44	4309.475	1.4597	34.6852	147.206	1528.03	117373	24
81.5247	4241.712	4310.78	1.4598	34.6851	147.19	1528.06	117397	24

81.5413	4242.839	4311.937	1.4598	34.6851	147.234	1528.08	117421	24
81.558	4243.69	4312.811	1.4592	34.6852	147.233	1528.09	117445	24
81.5746	4244.262	4313.397	1.4592	34.6851	147.255	1528.1	117469	24
81.5913	4244.761	4313.91	1.4594	34.685	147.255	1528.11	117493	24
81.608	4245.457	4314.624	1.4593	34.6852	147.207	1528.12	117517	24
81.6247	4246.445	4315.638	1.4595	34.6852	147.34	1528.14	117541	24
81.6413	4247.692	4316.918	1.4595	34.6854	147.313	1528.16	117565	24
81.658	4249.096	4318.358	1.4597	34.6853	147.403	1528.19	117589	24
81.6747	4250.484	4319.783	1.4596	34.6854	147.442	1528.21	117613	24
81.6913	4251.726	4321.057	1.4597	34.6853	147.416	1528.24	117637	24
81.708	4252.754	4322.112	1.4598	34.6853	147.498	1528.25	117661	24
81.7247	4253.54	4322.919	1.4599	34.6851	147.473	1528.27	117685	24
81.7413	4254.084	4323.477	1.46	34.6851	147.443	1528.28	117709	24
81.758	4254.552	4323.958	1.46	34.6851	147.421	1528.29	117733	24
81.7747	4255.253	4324.677	1.4599	34.6852	147.487	1528.3	117757	24
81.7913	4256.26	4325.71	1.4599	34.6852	147.466	1528.32	117781	24
81.808	4257.442	4326.924	1.4599	34.6854	147.521	1528.34	117805	24
81.8246	4258.677	4328.191	1.46	34.6853	147.484	1528.36	117829	24
81.8413	4259.91	4329.457	1.4599	34.6853	147.531	1528.38	117853	24
81.858	4261.141	4330.721	1.4598	34.6855	147.545	1528.4	117877	24
81.8747	4262.363	4331.975	1.46	34.6853	147.56	1528.43	117901	24
81.8913	4263.523	4333.165	1.4599	34.6853	147.605	1528.45	117925	24
81.908	4264.498	4334.166	1.4598	34.6853	147.604	1528.46	117949	24
81.9247	4265.215	4334.902	1.4598	34.6853	147.608	1528.48	117973	24
81.9413	4265.764	4335.465	1.4599	34.6852	147.62	1528.49	117997	24
81.958	4266.455	4336.174	1.4599	34.6853	147.644	1528.5	118021	24
81.9747	4267.451	4337.196	1.4599	34.6854	147.664	1528.52	118045	24
81.9913	4268.618	4338.394	1.46	34.6855	147.677	1528.54	118069	24
82.008	4269.743	4339.549	1.4601	34.6854	147.721	1528.56	118093	24
82.0247	4270.724	4340.556	1.46	34.6853	147.721	1528.57	118117	24
82.0413	4271.603	4341.458	1.4602	34.6854	147.738	1528.59	118141	24
82.058	4272.546	4342.426	1.4602	34.6855	147.747	1528.61	118165	24
82.0746	4273.653	4343.563	1.4601	34.6855	147.78	1528.63	118189	24
82.0913	4274.827	4344.767	1.4603	34.6855	147.793	1528.65	118213	24

82.108	4275.927	4345.897	1.4603	34.6855	147.805	1528.67	118237	24
82.1247	4276.919	4346.915	1.4604	34.6854	147.846	1528.69	118261	24
82.1413	4277.846	4347.866	1.4604	34.6855	147.854	1528.7	118285	24
82.158	4278.768	4348.812	1.4606	34.6853	147.883	1528.72	118309	24
82.1747	4279.657	4349.725	1.4607	34.6854	147.86	1528.74	118333	24
82.1913	4280.463	4350.553	1.4607	34.6854	147.886	1528.75	118357	24
82.208	4281.226	4351.336	1.4608	34.6854	147.912	1528.77	118381	24
82.2247	4282.118	4352.251	1.4609	34.6855	147.92	1528.78	118405	24
82.2413	4283.218	4353.38	1.461	34.6855	147.921	1528.8	118429	24
82.258	4284.465	4354.66	1.4611	34.6855	147.925	1528.82	118453	24
82.2747	4285.741	4355.969	1.4613	34.6854	147.92	1528.85	118477	24
82.2913	4286.921	4357.181	1.4613	34.6855	147.923	1528.87	118501	24
82.308	4287.955	4358.243	1.4615	34.6854	147.913	1528.89	118525	24
82.3246	4288.854	4359.165	1.4616	34.6854	147.962	1528.9	118549	24
82.3413	4289.687	4360.02	1.4616	34.6854	147.938	1528.92	118573	24
82.358	4290.578	4360.935	1.4616	34.6853	147.956	1528.94	118597	24
82.3747	4291.549	4361.931	1.4617	34.6854	147.986	1528.95	118621	24
82.3913	4292.508	4362.916	1.4617	34.6855	147.964	1528.97	118645	24
82.408	4293.42	4363.851	1.4613	34.6856	147.943	1528.98	118669	24
82.4247	4294.326	4364.782	1.4615	34.6855	147.95	1529	118693	24
82.4413	4295.254	4365.735	1.4613	34.6856	147.96	1529.02	118717	24
82.458	4296.206	4366.712	1.4612	34.6857	148	1529.03	118741	24
82.4747	4297.131	4367.661	1.4612	34.6855	147.978	1529.05	118765	24
82.4913	4298.016	4368.57	1.4612	34.6855	148.027	1529.07	118789	24
82.508	4298.89	4369.467	1.4612	34.6855	147.983	1529.08	118813	24
82.5247	4299.835	4370.438	1.4611	34.6856	148.034	1529.1	118837	24
82.5413	4300.89	4371.52	1.4612	34.6856	148.045	1529.12	118861	24
82.558	4302.01	4372.67	1.4613	34.6857	148.088	1529.14	118885	24
82.5746	4303.093	4373.782	1.461	34.6857	148.101	1529.16	118909	24
82.5913	4304.096	4374.811	1.4612	34.6857	148.11	1529.17	118933	24
82.608	4305.02	4375.76	1.4613	34.6857	148.16	1529.19	118957	24
82.6247	4305.856	4376.618	1.4615	34.6855	148.145	1529.21	118981	24
82.6413	4306.583	4377.364	1.4616	34.6855	148.129	1529.22	119005	24
82.658	4307.181	4377.977	1.4616	34.6855	148.172	1529.23	119029	24

82.6747	4307.74	4378.551	1.4616	34.6856	148.173	1529.24	119053	24
82.6913	4308.458	4379.289	1.4617	34.6856	148.229	1529.25	119077	24
82.708	4309.419	4380.276	1.4619	34.6856	148.186	1529.27	119101	24
82.7247	4310.534	4381.42	1.4622	34.6857	148.249	1529.29	119125	24
82.7413	4311.668	4382.584	1.462	34.6857	148.232	1529.31	119149	24
82.758	4312.796	4383.742	1.4621	34.6857	148.275	1529.33	119173	24
82.7747	4313.882	4384.858	1.4622	34.6857	148.225	1529.35	119197	24
82.7913	4314.909	4385.912	1.4621	34.6857	148.225	1529.37	119221	24
82.808	4315.846	4386.873	1.4622	34.6856	148.234	1529.39	119245	24
82.8246	4316.677	4387.727	1.4624	34.6857	148.198	1529.4	119269	24
82.8413	4317.433	4388.503	1.4625	34.6856	148.255	1529.42	119293	24
82.858	4318.24	4389.331	1.4626	34.6856	148.23	1529.43	119317	24
82.8747	4319.182	4390.298	1.4627	34.6856	148.218	1529.45	119341	24
82.8913	4320.208	4391.351	1.4628	34.6856	148.238	1529.47	119365	24
82.908	4321.231	4392.403	1.4628	34.6857	148.249	1529.49	119389	24
82.9247	4322.212	4393.41	1.4628	34.6857	148.248	1529.5	119413	24
82.9413	4323.143	4394.365	1.4628	34.6857	148.278	1529.52	119437	24
82.958	4324.027	4395.273	1.4627	34.6856	148.276	1529.54	119461	24
82.9747	4324.861	4396.129	1.4624	34.6858	148.304	1529.55	119485	24
82.9913	4325.653	4396.942	1.4625	34.6858	148.309	1529.56	119509	24
83.008	4326.439	4397.748	1.4625	34.6857	148.263	1529.58	119533	24
83.0247	4327.268	4398.6	1.4627	34.6857	148.28	1529.59	119557	24
83.0413	4328.191	4399.548	1.4627	34.6857	148.34	1529.61	119581	24
83.058	4329.221	4400.604	1.4626	34.6858	148.289	1529.63	119605	24
83.0746	4330.306	4401.718	1.4621	34.6858	148.344	1529.64	119629	24
83.0913	4331.369	4402.81	1.462	34.6859	148.335	1529.66	119653	24
83.108	4332.364	4403.831	1.4618	34.6859	148.367	1529.68	119677	24
83.1247	4333.25	4404.741	1.4618	34.6858	148.375	1529.7	119701	24
83.1413	4334.032	4405.544	1.4619	34.6858	148.391	1529.71	119725	24
83.158	4334.771	4406.302	1.4619	34.6859	148.447	1529.72	119749	24
83.1747	4335.547	4407.099	1.462	34.6857	148.432	1529.74	119773	24
83.1913	4336.39	4407.965	1.4618	34.6859	148.502	1529.75	119797	24
83.208	4337.317	4408.916	1.4615	34.686	148.522	1529.77	119821	24
83.2247	4338.3	4409.926	1.4616	34.6859	148.531	1529.79	119845	24

83.2413	4339.312	4410.965	1.4617	34.686	148.573	1529.8	119869	24
83.258	4340.366	4412.048	1.4619	34.6859	148.594	1529.82	119893	24
83.2747	4341.396	4413.105	1.4619	34.6859	148.594	1529.84	119917	24
83.2913	4342.312	4414.045	1.4618	34.686	148.613	1529.86	119941	24
83.308	4343.139	4414.895	1.462	34.6859	148.63	1529.87	119965	24
83.3246	4343.998	4415.777	1.462	34.686	148.679	1529.89	119989	24
83.3413	4344.963	4416.767	1.4619	34.6861	148.667	1529.91	120013	24
83.358	4345.988	4417.819	1.462	34.6862	148.688	1529.92	120037	24
83.3747	4346.96	4418.817	1.4622	34.6859	148.749	1529.94	120061	24
83.3913	4347.83	4419.711	1.4622	34.686	148.715	1529.96	120085	24
83.408	4348.681	4420.584	1.4623	34.686	148.743	1529.97	120109	24
83.4247	4349.577	4421.504	1.4623	34.6861	148.74	1529.99	120133	24
83.4413	4350.504	4422.456	1.4626	34.6859	148.758	1530.01	120157	24
83.458	4351.415	4423.391	1.4627	34.6859	148.766	1530.02	120181	24
83.4747	4352.29	4424.29	1.4628	34.686	148.763	1530.04	120205	24
83.4913	4353.155	4425.178	1.4628	34.6861	148.729	1530.05	120229	24
83.508	4354.012	4426.058	1.4629	34.6861	148.746	1530.07	120253	24
83.5247	4354.896	4426.966	1.4629	34.6859	148.774	1530.09	120277	24
83.5413	4355.832	4427.926	1.463	34.6861	148.794	1530.1	120301	24
83.558	4356.822	4428.943	1.463	34.686	148.824	1530.12	120325	24
83.5746	4357.838	4429.987	1.4627	34.6861	148.815	1530.14	120349	24
83.5913	4358.823	4430.998	1.4626	34.6861	148.804	1530.16	120373	24
83.608	4359.73	4431.929	1.4627	34.6861	148.812	1530.17	120397	24
83.6247	4360.588	4432.811	1.4628	34.686	148.819	1530.19	120421	24
83.6413	4361.47	4433.715	1.4628	34.686	148.827	1530.2	120445	24
83.658	4362.432	4434.703	1.4629	34.6861	148.836	1530.22	120469	24
83.6747	4363.45	4435.749	1.463	34.6861	148.919	1530.24	120493	24
83.6913	4364.432	4436.758	1.4632	34.686	148.887	1530.26	120517	24
83.708	4365.28	4437.628	1.4632	34.686	148.894	1530.27	120541	24
83.7247	4366.014	4438.382	1.4633	34.686	148.908	1530.29	120565	24
83.7413	4366.738	4439.125	1.4633	34.6861	148.913	1530.3	120589	24
83.758	4367.555	4439.964	1.4634	34.686	148.908	1530.31	120613	24
83.7747	4368.473	4440.907	1.4636	34.686	148.937	1530.33	120637	24
83.7913	4369.448	4441.908	1.4637	34.686	148.947	1530.35	120661	24

83.808	4370.468	4442.955	1.4639	34.686	148.977	1530.37	120685	24
83.8246	4371.545	4444.061	1.4639	34.6861	148.937	1530.39	120709	24
83.8413	4372.656	4445.202	1.464	34.6862	148.938	1530.41	120733	24
83.858	4373.757	4446.332	1.4642	34.686	148.961	1530.43	120757	24
83.8747	4374.753	4447.355	1.4641	34.6861	148.992	1530.45	120781	24
83.8913	4375.574	4448.198	1.4642	34.6861	148.914	1530.46	120805	24
83.908	4376.268	4448.912	1.4643	34.686	148.981	1530.47	120829	24
83.9247	4377.003	4449.666	1.4644	34.6861	148.933	1530.49	120853	24
83.9413	4377.856	4450.542	1.4645	34.686	148.95	1530.5	120877	24
83.958	4378.809	4451.52	1.4645	34.6862	148.938	1530.52	120901	24
83.9747	4379.797	4452.535	1.4646	34.6861	148.947	1530.54	120925	24
83.9913	4380.743	4453.506	1.4647	34.686	148.977	1530.56	120949	24
84.008	4381.613	4454.401	1.4647	34.6861	148.985	1530.57	120973	24
84.0247	4382.472	4455.282	1.4649	34.686	148.981	1530.59	120997	24
84.0413	4383.429	4456.264	1.465	34.686	149.011	1530.6	121021	24
84.058	4384.478	4457.342	1.4651	34.6862	149.032	1530.62	121045	24
84.0746	4385.53	4458.422	1.4652	34.6862	149.064	1530.64	121069	24
84.0913	4386.477	4459.394	1.4654	34.6859	149.051	1530.66	121093	24
84.108	4387.301	4460.241	1.4655	34.6861	149.058	1530.68	121117	24
84.1247	4388.09	4461.051	1.4655	34.6861	149.052	1530.69	121141	24
84.1413	4388.964	4461.949	1.4656	34.6861	149.081	1530.7	121165	24
84.158	4389.951	4462.962	1.4657	34.6862	149.059	1530.72	121189	24
84.1747	4390.951	4463.988	1.4657	34.6861	149.048	1530.74	121213	24
84.1913	4391.854	4464.916	1.4658	34.6861	149.025	1530.76	121237	24
84.208	4392.642	4465.725	1.4659	34.6861	148.998	1530.77	121261	24
84.2247	4393.386	4466.49	1.4657	34.6862	149.046	1530.79	121285	24
84.2413	4394.211	4467.338	1.4656	34.6861	148.99	1530.8	121309	24
84.258	4395.17	4468.323	1.4656	34.6863	149.073	1530.82	121333	24
84.2747	4396.226	4469.407	1.4652	34.6863	149.043	1530.83	121357	24
84.2913	4397.301	4470.511	1.4646	34.6864	149.068	1530.85	121381	24
84.308	4398.36	4471.598	1.4647	34.6863	149.048	1530.87	121405	24
84.3246	4399.378	4472.643	1.4646	34.6864	149.069	1530.89	121429	24
84.3413	4400.309	4473.6	1.465	34.6862	149.087	1530.91	121453	24
84.358	4401.162	4474.476	1.4652	34.6862	149.093	1530.92	121477	24

84.3747	4402.001	4475.338	1.465	34.6863	149.121	1530.94	121501	24
84.3913	4402.854	4476.214	1.4644	34.6864	149.173	1530.95	121525	24
84.408	4403.693	4477.075	1.4646	34.6863	149.179	1530.97	121549	24
84.4247	4404.509	4477.913	1.4646	34.6863	149.206	1530.98	121573	24
84.4413	4405.388	4478.816	1.4646	34.6864	149.224	1531	121597	24
84.458	4406.38	4479.835	1.4646	34.6863	149.235	1531.01	121621	24
84.4747	4407.429	4480.912	1.4645	34.6864	149.267	1531.03	121645	24
84.4913	4408.415	4481.924	1.4644	34.6866	149.341	1531.05	121669	24
84.508	4409.284	4482.818	1.4644	34.6865	149.295	1531.06	121693	24
84.5247	4410.126	4483.683	1.4646	34.6863	149.312	1531.08	121717	24
84.5413	4411.064	4484.645	1.4647	34.6864	149.352	1531.1	121741	24
84.558	4412.095	4485.704	1.4647	34.6863	149.332	1531.12	121765	24
84.5746	4413.078	4486.714	1.4647	34.6865	149.383	1531.13	121789	24
84.5913	4413.904	4487.562	1.465	34.6865	149.399	1531.15	121813	24
84.608	4414.627	4488.304	1.4649	34.6864	149.415	1531.16	121837	24
84.6247	4415.433	4489.132	1.4649	34.6864	149.452	1531.17	121861	24
84.6413	4416.439	4490.165	1.4651	34.6865	149.462	1531.19	121885	24
84.658	4417.556	4491.313	1.4651	34.6865	149.496	1531.21	121909	24
84.6747	4418.581	4492.365	1.4653	34.6865	149.464	1531.23	121933	24
84.6913	4419.426	4493.233	1.4653	34.6864	149.491	1531.25	121957	24
84.708	4420.161	4493.988	1.4655	34.6863	149.517	1531.26	121981	24
84.7247	4420.979	4494.829	1.4655	34.6865	149.544	1531.28	122005	24
84.7413	4421.944	4495.819	1.4656	34.6864	149.564	1531.3	122029	24
84.758	4422.971	4496.874	1.4656	34.6865	149.532	1531.31	122053	24
84.7747	4424.014	4497.946	1.4656	34.6865	149.575	1531.33	122077	24
84.7913	4425.057	4499.017	1.4657	34.6865	149.575	1531.35	122101	24
84.808	4426.079	4500.066	1.4658	34.6865	149.607	1531.37	122125	24
84.8246	4427.056	4501.07	1.4659	34.6864	149.637	1531.39	122149	24
84.8413	4427.973	4502.012	1.4659	34.6864	149.624	1531.4	122173	24
84.858	4428.829	4502.892	1.466	34.6865	149.6	1531.42	122197	24
84.8747	4429.625	4503.709	1.466	34.6865	149.605	1531.43	122221	24
84.8913	4430.371	4504.475	1.4661	34.6865	149.621	1531.45	122245	24
84.908	4431.088	4505.212	1.4662	34.6863	149.604	1531.46	122269	24
84.9247	4431.834	4505.977	1.4662	34.6865	149.545	1531.47	122293	24

84.9413	4432.685	4506.852	1.4664	34.6865	149.604	1531.49	122317	24
84.958	4433.687	4507.881	1.4664	34.6865	149.593	1531.51	122341	24
84.9747	4434.806	4509.03	1.4666	34.6865	149.574	1531.53	122365	24
84.9913	4435.943	4510.198	1.4667	34.6865	149.607	1531.55	122389	24
85.008	4437.007	4511.292	1.4668	34.6866	149.629	1531.57	122413	24
85.0247	4437.97	4512.281	1.4669	34.6865	149.617	1531.59	122437	24
85.0413	4438.875	4513.209	1.4669	34.6864	149.678	1531.6	122461	24
85.058	4439.759	4514.119	1.467	34.6865	149.675	1531.62	122485	24
85.0746	4440.643	4515.025	1.4671	34.6865	149.682	1531.64	122509	24
85.0913	4441.521	4515.927	1.4673	34.6864	149.668	1531.65	122533	24
85.108	4442.399	4516.829	1.4674	34.6865	149.654	1531.67	122557	24
85.1247	4443.25	4517.704	1.4674	34.6865	149.64	1531.68	122581	24
85.1413	4444.077	4518.553	1.4675	34.6864	149.657	1531.7	122605	24
85.158	4444.953	4519.453	1.4675	34.6865	149.622	1531.71	122629	24
85.1747	4445.936	4520.462	1.4676	34.6865	149.664	1531.73	122653	24
85.1913	4446.981	4521.536	1.4677	34.6866	149.664	1531.75	122677	24
85.208	4447.992	4522.575	1.4679	34.6865	149.642	1531.77	122701	24
85.2247	4448.917	4523.524	1.468	34.6864	149.64	1531.79	122725	24
85.2413	4449.799	4524.431	1.468	34.6866	149.647	1531.8	122749	24
85.258	4450.746	4525.404	1.4682	34.6865	149.645	1531.82	122773	24
85.2747	4451.762	4526.447	1.4682	34.6866	149.677	1531.84	122797	24
85.2913	4452.733	4527.444	1.4684	34.6865	149.664	1531.86	122821	24
85.308	4453.576	4528.311	1.4686	34.6865	149.702	1531.87	122845	24
85.3246	4454.325	4529.08	1.4686	34.6866	149.707	1531.88	122869	24
85.3413	4455.092	4529.867	1.4687	34.6865	149.701	1531.9	122893	24
85.358	4455.982	4530.782	1.4688	34.6864	149.709	1531.91	122917	24
85.3747	4456.997	4531.824	1.4688	34.6866	149.709	1531.93	122941	24
85.3913	4458.095	4532.952	1.4688	34.6866	149.731	1531.95	122965	24
85.408	4459.15	4534.036	1.469	34.6866	149.658	1531.97	122989	24
85.4247	4460.03	4534.941	1.4691	34.6866	149.633	1531.99	123013	24
85.4413	4460.707	4535.636	1.4691	34.6865	149.679	1532	123037	24
85.458	4461.338	4536.284	1.4692	34.6864	149.745	1532.01	123061	24
85.4747	4462.142	4537.11	1.4693	34.6865	149.698	1532.03	123085	24
85.4913	4463.179	4538.175	1.4693	34.6866	149.698	1532.05	123109	24

85.508	4464.333	4539.36	1.4694	34.6866	149.69	1532.07	123133	24
85.5247	4465.444	4540.502	1.4694	34.6866	149.691	1532.09	123157	24
85.5413	4466.432	4541.517	1.4693	34.6866	149.702	1532.11	123181	24
85.558	4467.336	4542.446	1.4695	34.6866	149.73	1532.12	123205	24
85.5747	4468.23	4543.364	1.4694	34.6866	149.76	1532.14	123229	24
85.5913	4469.112	4544.27	1.4694	34.6866	149.757	1532.15	123253	24
85.608	4469.993	4545.176	1.4696	34.6866	149.753	1532.17	123277	24
85.6247	4470.868	4546.074	1.4697	34.6866	149.792	1532.19	123301	24
85.6413	4471.691	4546.92	1.4697	34.6865	149.756	1532.2	123325	24
85.658	4472.497	4547.747	1.4697	34.6866	149.794	1532.21	123349	24
85.6747	4473.399	4548.674	1.4698	34.6867	149.791	1532.23	123373	24
85.6913	4474.476	4549.781	1.4699	34.6867	149.835	1532.25	123397	24
85.708	4475.677	4551.014	1.47	34.6867	149.838	1532.27	123421	24
85.7247	4476.856	4552.226	1.4692	34.6868	149.865	1532.29	123445	24
85.7413	4477.845	4553.242	1.4691	34.6867	149.855	1532.31	123469	24
85.758	4478.58	4553.997	1.4691	34.6867	149.817	1532.32	123493	24
85.7747	4479.18	4554.614	1.4689	34.6866	149.841	1532.33	123517	24
85.7913	4479.875	4555.327	1.4689	34.6868	149.876	1532.34	123541	24
85.808	4480.733	4556.209	1.4689	34.6869	149.83	1532.36	123565	24
85.8247	4481.675	4557.177	1.4692	34.6868	149.87	1532.38	123589	24
85.8413	4482.647	4558.175	1.4691	34.6867	149.87	1532.39	123613	24
85.858	4483.623	4559.179	1.4691	34.6867	149.954	1532.41	123637	24
85.8747	4484.571	4560.152	1.4692	34.6868	149.952	1532.43	123661	24
85.8913	4485.466	4561.071	1.4693	34.6868	149.938	1532.44	123685	24
85.908	4486.306	4561.935	1.4695	34.6866	150.061	1532.46	123709	24
85.9247	4487.139	4562.79	1.4695	34.6867	150.014	1532.47	123733	24
85.9413	4488.051	4563.727	1.4696	34.6868	149.98	1532.49	123757	24
85.958	4489.089	4564.794	1.4697	34.6867	150.001	1532.51	123781	24
85.9747	4490.202	4565.937	1.4693	34.6869	150.036	1532.53	123805	24
85.9913	4491.301	4567.066	1.4693	34.6869	150.059	1532.55	123829	24
86.008	4492.365	4568.16	1.4694	34.687	150.06	1532.57	123853	24
86.0247	4493.38	4569.202	1.4694	34.6869	150.102	1532.59	123877	24
86.0413	4494.282	4570.129	1.4694	34.6868	150.078	1532.6	123901	24
86.058	4495.018	4570.885	1.4695	34.6867	150.083	1532.62	123925	24

86.0747	4495.595	4571.478	1.4697	34.6867	150.137	1532.63	123949	24
86.0913	4496.148	4572.046	1.4697	34.6867	150.148	1532.64	123973	24
86.108	4496.887	4572.805	1.4698	34.6868	150.131	1532.65	123997	24
86.1247	4497.888	4573.834	1.4699	34.6869	150.13	1532.67	124021	24
86.1413	4499.079	4575.058	1.47	34.687	150.155	1532.69	124045	24
86.158	4500.318	4576.331	1.4702	34.687	150.19	1532.71	124069	24
86.1747	4501.481	4577.525	1.4703	34.6869	150.225	1532.73	124093	24
86.1913	4502.453	4578.524	1.4703	34.6869	150.203	1532.75	124117	24
86.208	4503.258	4579.352	1.4703	34.6868	150.219	1532.77	124141	24
86.2247	4504.016	4580.13	1.4703	34.6869	150.214	1532.78	124165	24
86.2413	4504.83	4580.967	1.4704	34.6869	150.252	1532.79	124189	24
86.258	4505.672	4581.831	1.4706	34.6868	150.237	1532.81	124213	24
86.2747	4506.515	4582.697	1.4707	34.6868	150.286	1532.83	124237	24
86.2913	4507.402	4583.609	1.4706	34.6869	150.23	1532.84	124261	24
86.308	4508.381	4584.615	1.4708	34.6868	150.282	1532.86	124285	24
86.3247	4509.435	4585.698	1.4708	34.6869	150.25	1532.88	124309	24
86.3413	4510.52	4586.813	1.471	34.6869	150.24	1532.9	124333	24
86.358	4511.57	4587.892	1.4711	34.687	150.294	1532.92	124357	24
86.3747	4512.508	4588.856	1.4712	34.6869	150.281	1532.94	124381	24
86.3913	4513.319	4589.689	1.4712	34.6869	150.287	1532.95	124405	24
86.408	4514.098	4590.489	1.4713	34.6869	150.271	1532.96	124429	24
86.4247	4514.957	4591.372	1.4713	34.6868	150.289	1532.98	124453	24
86.4413	4515.918	4592.359	1.4713	34.6869	150.266	1533	124477	24
86.458	4516.935	4593.404	1.4712	34.6869	150.288	1533.01	124501	24
86.4747	4517.97	4594.467	1.4713	34.687	150.32	1533.03	124525	24
86.4913	4518.981	4595.507	1.4714	34.6869	150.287	1533.05	124549	24
86.508	4519.928	4596.48	1.4714	34.6868	150.317	1533.07	124573	24
86.5247	4520.751	4597.325	1.4715	34.6869	150.302	1533.08	124597	24
86.5413	4521.476	4598.07	1.4715	34.687	150.349	1533.1	124621	24
86.558	4522.222	4598.837	1.4716	34.687	150.343	1533.11	124645	24
86.5747	4523.068	4599.706	1.4717	34.6869	150.371	1533.13	124669	24
86.5913	4523.99	4600.653	1.4718	34.6868	150.347	1533.14	124693	24
86.608	4524.928	4601.618	1.4716	34.6871	150.368	1533.16	124717	24
86.6247	4525.919	4602.636	1.4717	34.687	150.388	1533.18	124741	24

86.6413	4526.993	4603.74	1.4718	34.6871	150.399	1533.2	124765	24
86.658	4528.113	4604.89	1.472	34.687	150.422	1533.22	124789	24
86.6747	4529.192	4605.999	1.472	34.687	150.38	1533.24	124813	24
86.6913	4530.136	4606.968	1.472	34.687	150.432	1533.25	124837	24
86.708	4530.925	4607.78	1.4721	34.6869	150.427	1533.27	124861	24
86.7247	4531.651	4608.526	1.472	34.687	150.453	1533.28	124885	24
86.7413	4532.468	4609.365	1.472	34.687	150.48	1533.3	124909	24
86.758	4533.379	4610.301	1.4721	34.687	150.392	1533.31	124933	24
86.7747	4534.286	4611.234	1.4722	34.687	150.485	1533.33	124957	24
86.7913	4535.159	4612.131	1.4722	34.687	150.45	1533.34	124981	24
86.808	4536.055	4613.052	1.4723	34.687	150.469	1533.36	125005	24
86.8247	4537.022	4614.045	1.4722	34.6871	150.489	1533.38	125029	24
86.8413	4538.038	4615.088	1.4722	34.6872	150.553	1533.4	125053	24
86.858	4539.006	4616.084	1.4721	34.6871	150.499	1533.41	125077	24
86.8747	4539.857	4616.958	1.4721	34.6871	150.495	1533.43	125101	24
86.8913	4540.661	4617.785	1.4722	34.6871	150.48	1533.44	125125	24
86.908	4541.56	4618.709	1.4722	34.6871	150.541	1533.46	125149	24
86.9247	4542.579	4619.756	1.4723	34.6871	150.53	1533.48	125173	24
86.9413	4543.634	4620.84	1.4715	34.6873	150.555	1533.5	125197	24
86.958	4544.667	4621.902	1.4715	34.6873	150.534	1533.51	125221	24
86.9747	4545.647	4622.908	1.4716	34.6872	150.586	1533.53	125245	24
86.9913	4546.531	4623.817	1.4712	34.6872	150.596	1533.55	125269	24
87.008	4547.309	4624.616	1.4707	34.6873	150.624	1533.56	125293	24
87.0247	4548.002	4625.329	1.471	34.6871	150.616	1533.57	125317	24
87.0413	4548.703	4626.049	1.4712	34.6872	150.651	1533.58	125341	24
87.058	4549.507	4626.875	1.4716	34.6872	150.677	1533.6	125365	24
87.0747	4550.455	4627.849	1.4719	34.6872	150.739	1533.62	125389	24
87.0913	4551.518	4628.942	1.4718	34.6874	150.74	1533.64	125413	24
87.108	4552.655	4630.11	1.4721	34.6873	150.816	1533.66	125437	24
87.1247	4553.777	4631.263	1.4722	34.6873	150.85	1533.68	125461	24
87.1413	4554.797	4632.312	1.4716	34.6873	150.82	1533.69	125485	24
87.158	4555.712	4633.252	1.4712	34.6873	150.883	1533.71	125509	24
87.1747	4556.571	4634.134	1.4711	34.6874	150.945	1533.72	125533	24
87.1913	4557.451	4635.039	1.4713	34.6874	150.866	1533.74	125557	24

87.208	4558.426	4636.041	1.4711	34.6873	150.919	1533.76	125581	24
87.2247	4559.456	4637.099	1.471	34.6874	150.962	1533.77	125605	24
87.2413	4560.406	4638.076	1.4712	34.6874	150.907	1533.79	125629	24
87.258	4561.212	4638.904	1.4712	34.6873	150.945	1533.81	125653	24
87.2747	4561.939	4639.652	1.4711	34.6875	150.961	1533.82	125677	24
87.2913	4562.668	4640.4	1.4713	34.6873	150.954	1533.83	125701	24
87.308	4563.427	4641.181	1.4713	34.6875	150.97	1533.85	125725	24
87.3247	4564.241	4642.017	1.4714	34.6874	150.976	1533.86	125749	24
87.3413	4565.155	4642.957	1.4714	34.6875	151.016	1533.88	125773	24
87.358	4566.166	4643.995	1.4715	34.6875	150.994	1533.9	125797	24
87.3747	4567.246	4645.106	1.4716	34.6874	151.027	1533.92	125821	24
87.3913	4568.394	4646.286	1.4716	34.6875	151.029	1533.94	125845	24
87.408	4569.569	4647.494	1.4718	34.6875	151.107	1533.96	125869	24
87.4247	4570.666	4648.621	1.4719	34.6873	151.076	1533.98	125893	24
87.4413	4571.613	4649.594	1.472	34.6874	151.095	1534	125917	24
87.458	4572.409	4650.412	1.472	34.6875	151.123	1534.01	125941	24
87.4747	4573.083	4651.105	1.4721	34.6873	151.169	1534.02	125965	24
87.4913	4573.728	4651.768	1.4722	34.6873	151.15	1534.03	125989	24
87.508	4574.483	4652.543	1.4722	34.6874	151.187	1534.05	126013	24
87.5247	4575.39	4653.475	1.4722	34.6874	151.152	1534.06	126037	24
87.5413	4576.399	4654.513	1.4725	34.6875	151.215	1534.08	126061	24
87.558	4577.466	4655.609	1.4725	34.6875	151.227	1534.1	126085	24
87.5747	4578.549	4656.723	1.4727	34.6874	151.26	1534.12	126109	24
87.5913	4579.602	4657.805	1.4728	34.6874	151.206	1534.14	126133	24
87.608	4580.585	4658.815	1.4727	34.6874	151.249	1534.16	126157	24
87.6247	4581.497	4659.753	1.4727	34.6874	151.311	1534.18	126181	24
87.6413	4582.372	4660.652	1.4727	34.6876	151.297	1534.19	126205	24
87.658	4583.271	4661.577	1.4728	34.6874	151.251	1534.21	126229	24
87.6747	4584.222	4662.554	1.4728	34.6875	151.238	1534.23	126253	24
87.6913	4585.133	4663.49	1.4728	34.6875	151.29	1534.24	126277	24
87.708	4585.916	4664.295	1.4728	34.6875	151.263	1534.26	126301	24
87.7247	4586.612	4665.01	1.4729	34.6874	151.256	1534.27	126325	24
87.7413	4587.325	4665.743	1.4729	34.6876	151.314	1534.28	126349	24
87.758	4588.112	4666.552	1.473	34.6875	151.276	1534.3	126373	24

87.7747	4588.994	4667.458	1.4731	34.6875	151.305	1534.31	126397	24
87.7913	4590.002	4668.494	1.473	34.6874	151.251	1534.33	126421	24
87.808	4591.108	4669.631	1.4729	34.6876	151.264	1534.35	126445	24
87.8247	4592.254	4670.809	1.4728	34.6876	151.278	1534.37	126469	24
87.8413	4593.401	4671.988	1.4731	34.6875	151.322	1534.39	126493	24
87.858	4594.471	4673.088	1.4732	34.6876	151.323	1534.41	126517	24
87.8747	4595.405	4674.049	1.4733	34.6875	151.342	1534.43	126541	24
87.8913	4596.246	4674.913	1.4733	34.6875	151.371	1534.44	126565	24
87.908	4597.06	4675.749	1.4732	34.6876	151.366	1534.46	126589	24
87.9247	4597.878	4676.59	1.4732	34.6877	151.373	1534.47	126613	24
87.9413	4598.737	4677.473	1.4734	34.6876	151.411	1534.49	126637	24
87.958	4599.667	4678.429	1.4735	34.6875	151.442	1534.5	126661	24
87.9747	4600.642	4679.431	1.4736	34.6876	151.451	1534.52	126685	24
87.9913	4601.611	4680.427	1.4737	34.6876	151.439	1534.54	126709	24
88.008	4602.502	4681.343	1.4736	34.6875	151.457	1534.56	126733	24
88.0247	4603.225	4682.086	1.4738	34.6875	151.429	1534.57	126757	24
88.0413	4603.878	4682.758	1.4738	34.6876	151.464	1534.58	126781	24
88.058	4604.651	4683.552	1.474	34.6875	151.436	1534.6	126805	24
88.0747	4605.609	4684.537	1.4741	34.6877	151.488	1534.61	126829	24
88.0913	4606.687	4685.645	1.4743	34.6877	151.521	1534.63	126853	24
88.108	4607.822	4686.812	1.4737	34.6877	151.461	1534.65	126877	24
88.1247	4608.93	4687.951	1.4729	34.6878	151.541	1534.67	126901	24
88.1413	4609.97	4689.02	1.4725	34.6878	151.478	1534.68	126925	24
88.158	4610.934	4690.01	1.4721	34.6878	151.532	1534.7	126949	24
88.1747	4611.836	4690.938	1.4719	34.6878	151.52	1534.72	126973	24
88.1913	4612.691	4691.817	1.4721	34.6878	151.547	1534.73	126997	24
88.208	4613.529	4692.678	1.4722	34.6879	151.543	1534.75	127021	24
88.2247	4614.423	4693.597	1.4718	34.6879	151.574	1534.76	127045	24
88.2413	4615.373	4694.574	1.4717	34.6878	151.562	1534.78	127069	24
88.258	4616.335	4695.563	1.4717	34.6879	151.647	1534.8	127093	24
88.2747	4617.295	4696.549	1.4718	34.688	151.678	1534.81	127117	24
88.2913	4618.217	4697.497	1.4719	34.6878	151.708	1534.83	127141	24
88.308	4619.052	4698.356	1.4718	34.6879	151.78	1534.84	127165	24
88.3247	4619.832	4699.157	1.472	34.6879	151.763	1534.86	127189	24

88.3413	4620.658	4700.006	1.4722	34.6878	151.78	1534.87	127213	24
88.358	4621.547	4700.92	1.4723	34.6878	151.852	1534.89	127237	24
88.3747	4622.481	4701.88	1.4719	34.6878	151.852	1534.91	127261	24
88.3913	4623.466	4702.893	1.4719	34.6879	151.905	1534.92	127285	24
88.408	4624.487	4703.942	1.472	34.688	151.98	1534.94	127309	24
88.4247	4625.49	4704.974	1.4719	34.688	151.937	1534.96	127333	24
88.4413	4626.451	4705.961	1.472	34.6879	151.967	1534.98	127357	24
88.458	4627.353	4706.889	1.4722	34.6879	152.04	1535	127381	24
88.4747	4628.148	4707.706	1.4723	34.6878	152.002	1535.01	127405	24
88.4913	4628.922	4708.502	1.4723	34.6879	152.073	1535.02	127429	24
88.508	4629.804	4709.409	1.4726	34.6878	152.068	1535.04	127453	24
88.5247	4630.844	4710.478	1.4726	34.6881	152.068	1535.06	127477	24
88.5413	4631.96	4711.625	1.4728	34.6879	152.016	1535.08	127501	24
88.558	4633.052	4712.747	1.473	34.6879	152.125	1535.1	127525	24
88.5747	4634.042	4713.766	1.473	34.6881	152.059	1535.12	127549	24
88.5913	4634.912	4714.66	1.4729	34.6879	152.121	1535.13	127573	24
88.608	4635.708	4715.478	1.4727	34.6879	152.073	1535.15	127597	24
88.6247	4636.482	4716.274	1.4727	34.688	152.1	1535.16	127621	24
88.6413	4637.28	4717.095	1.4729	34.6879	152.03	1535.18	127645	24
88.658	4638.156	4717.995	1.4732	34.688	152.09	1535.19	127669	24
88.6747	4639.154	4719.021	1.4733	34.6879	152.079	1535.21	127693	24
88.6913	4640.209	4720.105	1.4734	34.688	152.122	1535.23	127717	24
88.708	4641.196	4721.12	1.4735	34.688	152.132	1535.25	127741	24
88.7247	4642.007	4721.954	1.4736	34.688	152.159	1535.26	127765	24
88.7413	4642.677	4722.643	1.4737	34.6879	152.097	1535.28	127789	24
88.758	4643.35	4723.334	1.4737	34.688	152.133	1535.29	127813	24
88.7747	4644.233	4724.243	1.4738	34.688	152.119	1535.3	127837	24
88.7913	4645.34	4725.381	1.4737	34.688	152.164	1535.32	127861	24
88.808	4646.536	4726.61	1.4735	34.6882	152.179	1535.34	127885	24
88.8247	4647.682	4727.788	1.4735	34.6882	152.204	1535.36	127909	24
88.8413	4648.726	4728.862	1.4737	34.688	152.138	1535.39	127933	24
88.858	4649.662	4729.825	1.4737	34.6881	152.147	1535.4	127957	24
88.8747	4650.513	4730.7	1.4738	34.688	152.165	1535.42	127981	24
88.8913	4651.326	4731.535	1.4739	34.6879	152.192	1535.43	128005	24

88.908	4652.107	4732.339	1.474	34.6881	152.186	1535.45	128029	24
88.9247	4652.887	4733.141	1.4739	34.6881	152.258	1535.46	128053	24
88.9413	4653.771	4734.05	1.4741	34.6881	152.189	1535.48	128077	24
88.958	4654.84	4735.149	1.4743	34.6881	152.189	1535.5	128101	24
88.9747	4656.033	4736.374	1.4744	34.6882	152.235	1535.52	128125	24
88.9913	4657.185	4737.559	1.4745	34.6882	152.281	1535.54	128149	24
89.008	4658.157	4738.558	1.4746	34.6881	152.236	1535.56	128173	24
89.0247	4658.893	4739.315	1.4743	34.688	152.242	1535.57	128197	24
89.0413	4659.517	4739.957	1.4745	34.6879	152.265	1535.58	128221	24
89.058	4660.268	4740.728	1.4747	34.688	152.28	1535.59	128245	24
89.0747	4661.18	4741.667	1.4747	34.688	152.256	1535.61	128269	24
89.0913	4662.111	4742.624	1.4748	34.688	152.297	1535.63	128293	24
89.108	4663.015	4743.554	1.4749	34.6881	152.294	1535.65	128317	24
89.1247	4663.883	4744.445	1.4751	34.688	152.301	1535.66	128341	24
89.1413	4664.714	4745.3	1.4751	34.6881	152.307	1535.68	128365	24
89.158	4665.624	4746.236	1.4753	34.688	152.315	1535.69	128389	24
89.1747	4666.652	4747.293	1.4754	34.688	152.336	1535.71	128413	24
89.1913	4667.708	4748.379	1.4752	34.6882	152.37	1535.73	128437	24
89.208	4668.698	4749.397	1.4748	34.6882	152.371	1535.75	128461	24
89.2247	4669.64	4750.366	1.4745	34.6882	152.348	1535.76	128485	24
89.2413	4670.608	4751.36	1.4745	34.6884	152.347	1535.78	128509	24
89.258	4671.614	4752.395	1.4743	34.6884	152.336	1535.8	128533	24
89.2747	4672.608	4753.417	1.4745	34.6883	152.335	1535.81	128557	24
89.2913	4673.48	4754.314	1.4745	34.6881	152.364	1535.83	128581	24
89.308	4674.218	4755.072	1.4744	34.6883	152.402	1535.84	128605	24
89.3247	4674.921	4755.796	1.4744	34.6882	152.373	1535.86	128629	24
89.3413	4675.755	4756.653	1.4744	34.6883	152.467	1535.87	128653	24
89.358	4676.75	4757.676	1.4745	34.6883	152.444	1535.89	128677	24
89.3747	4677.824	4758.781	1.4746	34.6881	152.466	1535.91	128701	24
89.3913	4678.924	4759.912	1.4743	34.6883	152.535	1535.93	128725	24
89.408	4680.016	4761.034	1.4744	34.6884	152.546	1535.95	128749	24
89.4247	4681.048	4762.095	1.4747	34.6883	152.534	1535.97	128773	24
89.4413	4681.982	4763.056	1.4747	34.6883	152.598	1535.98	128797	24
89.458	4682.798	4763.895	1.4748	34.6882	152.517	1536	128821	24

89.4747	4683.508	4764.625	1.4748	34.6883	152.521	1536.01	128845	24
89.4913	4684.187	4765.323	1.475	34.6881	152.545	1536.02	128869	24
89.508	4684.975	4766.133	1.4753	34.6881	152.55	1536.04	128893	24
89.5247	4685.901	4767.085	1.4754	34.6882	152.634	1536.06	128917	24
89.5413	4686.912	4768.126	1.4754	34.6883	152.59	1536.08	128941	24
89.558	4687.954	4769.196	1.4756	34.6883	152.601	1536.1	128965	24
89.5747	4688.99	4770.262	1.4755	34.6883	152.634	1536.11	128989	24
89.5913	4689.975	4771.275	1.4755	34.6883	152.6	1536.13	129013	24
89.608	4690.92	4772.247	1.4756	34.6883	152.609	1536.15	129037	24
89.6247	4691.895	4773.25	1.476	34.6881	152.617	1536.17	129061	24
89.6413	4692.878	4774.26	1.4758	34.6883	152.661	1536.18	129085	24
89.658	4693.803	4775.212	1.4751	34.6882	152.596	1536.2	129109	24
89.6747	4694.628	4776.06	1.475	34.6884	152.668	1536.21	129133	24
89.6913	4695.393	4776.847	1.475	34.6882	152.586	1536.23	129157	24
89.708	4696.202	4777.678	1.4751	34.6884	152.624	1536.24	129181	24
89.7247	4697.113	4778.616	1.4754	34.6883	152.686	1536.26	129205	24
89.7413	4698.107	4779.637	1.4754	34.6884	152.631	1536.28	129229	24
89.758	4699.117	4780.676	1.4756	34.6883	152.641	1536.3	129253	24
89.7747	4700.095	4781.682	1.4754	34.6884	152.706	1536.31	129277	24
89.7913	4701.057	4782.671	1.4756	34.6883	152.715	1536.33	129301	24
89.808	4702.018	4783.659	1.4757	34.6884	152.691	1536.35	129325	24
89.8247	4702.966	4784.634	1.4757	34.6883	152.733	1536.37	129349	24
89.8413	4703.855	4785.548	1.4757	34.6884	152.751	1536.38	129373	24
89.858	4704.664	4786.38	1.4757	34.6884	152.736	1536.4	129397	24
89.8747	4705.447	4787.186	1.4756	34.6884	152.807	1536.41	129421	24
89.8913	4706.308	4788.071	1.4756	34.6885	152.727	1536.42	129445	24
89.908	4707.275	4789.066	1.4757	34.6884	152.758	1536.44	129469	24
89.9247	4708.265	4790.084	1.4759	34.6884	152.822	1536.46	129493	24
89.9413	4709.216	4791.062	1.4759	34.6884	152.788	1536.48	129517	24
89.958	4710.149	4792.021	1.4761	34.6884	152.796	1536.49	129541	24
89.9747	4711.122	4793.022	1.4762	34.6884	152.871	1536.51	129565	24
89.9913	4712.134	4794.063	1.4763	34.6884	152.848	1536.53	129589	24
90.008	4713.126	4795.083	1.4764	34.6884	152.836	1536.55	129613	24
90.0247	4714.03	4796.013	1.4765	34.6883	152.866	1536.57	129637	24

90.0413	4714.853	4796.859	1.4765	34.6884	152.828	1536.58	129661	24
90.058	4715.686	4797.715	1.4766	34.6884	152.845	1536.6	129685	24
90.0747	4716.635	4798.692	1.4766	34.6885	152.866	1536.61	129709	24
90.0913	4717.681	4799.767	1.4768	34.6884	152.887	1536.63	129733	24
90.108	4718.743	4800.86	1.4767	34.6886	152.888	1536.65	129757	24
90.1247	4719.711	4801.855	1.4768	34.6883	152.919	1536.67	129781	24
90.1413	4720.523	4802.69	1.4769	34.6883	152.936	1536.68	129805	24
90.158	4721.208	4803.395	1.4769	34.6883	152.951	1536.7	129829	24
90.1747	4721.931	4804.138	1.477	34.6883	152.966	1536.71	129853	24
90.1913	4722.805	4805.037	1.4767	34.6885	152.985	1536.72	129877	24
90.208	4723.825	4806.086	1.4767	34.6885	153.018	1536.74	129901	24
90.2247	4724.945	4807.238	1.4769	34.6886	153.019	1536.76	129925	24
90.2413	4726.044	4808.368	1.4773	34.6886	153.019	1536.79	129949	24
90.258	4727.024	4809.377	1.4776	34.6884	153.005	1536.8	129973	24
90.2747	4727.872	4810.249	1.4777	34.6884	152.99	1536.82	129997	24
90.2913	4728.63	4811.028	1.4776	34.6884	152.952	1536.83	130021	24
90.308	4729.393	4811.813	1.4777	34.6884	152.979	1536.85	130045	24
90.3247	4730.289	4812.734	1.4777	34.6885	153.009	1536.86	130069	24
90.3413	4731.335	4813.81	1.4777	34.6886	152.932	1536.88	130093	24
90.358	4732.373	4814.877	1.4778	34.6885	152.975	1536.9	130117	24
90.3747	4733.289	4815.82	1.478	34.6885	152.973	1536.92	130141	24
90.3913	4734.151	4816.706	1.478	34.6885	153.001	1536.93	130165	24
90.408	4735.07	4817.651	1.4781	34.6885	153.065	1536.95	130189	24
90.4247	4736.064	4818.674	1.4782	34.6884	153.03	1536.97	130213	24
90.4413	4737.041	4819.679	1.4783	34.6885	153.029	1536.99	130237	24
90.458	4737.928	4820.591	1.4783	34.6885	153.092	1537	130261	24
90.4747	4738.703	4821.388	1.4784	34.6885	153.053	1537.02	130285	24
90.4913	4739.499	4822.207	1.4785	34.6883	153.081	1537.03	130309	24
90.508	4740.47	4823.205	1.4787	34.6884	153.1	1537.05	130333	24
90.5247	4741.599	4824.366	1.4788	34.6885	153.124	1537.07	130357	24
90.5413	4742.71	4825.51	1.4788	34.6886	153.07	1537.09	130381	24
90.558	4743.632	4826.457	1.4782	34.6887	153.103	1537.11	130405	24
90.5747	4744.383	4827.231	1.4786	34.6885	153.129	1537.12	130429	24
90.5913	4745.119	4827.987	1.4781	34.6886	153.157	1537.13	130453	24

90.608	4745.995	4828.888	1.4777	34.6887	153.111	1537.14	130477	24
90.6247	4746.984	4829.906	1.4776	34.6887	153.133	1537.16	130501	24
90.6413	4747.952	4830.902	1.4773	34.6888	153.122	1537.18	130525	24
90.658	4748.858	4831.833	1.4771	34.6887	153.186	1537.19	130549	24
90.6747	4749.778	4832.779	1.4773	34.6887	153.127	1537.21	130573	24
90.6913	4750.762	4833.791	1.4764	34.6886	153.174	1537.22	130597	24
90.708	4751.783	4834.842	1.4758	34.689	153.175	1537.24	130621	24
90.7247	4752.767	4835.854	1.4756	34.6888	153.252	1537.26	130645	24
90.7413	4753.689	4836.802	1.4752	34.689	153.273	1537.27	130669	24
90.758	4754.572	4837.71	1.4752	34.6891	153.314	1537.29	130693	24
90.7747	4755.433	4838.596	1.4751	34.6888	153.344	1537.3	130717	24
90.7913	4756.321	4839.509	1.4749	34.689	153.319	1537.32	130741	24
90.808	4757.247	4840.462	1.4747	34.689	153.417	1537.33	130765	24
90.8247	4758.188	4841.43	1.4741	34.6891	153.439	1537.35	130789	24
90.8413	4759.105	4842.373	1.4726	34.6893	153.465	1537.36	130813	24
90.858	4759.989	4843.283	1.4723	34.6893	153.495	1537.37	130837	24
90.8747	4760.871	4844.19	1.4727	34.6892	153.546	1537.39	130861	24
90.8913	4761.811	4845.157	1.4729	34.6892	153.588	1537.41	130885	24
90.908	4762.804	4846.178	1.4724	34.6893	153.621	1537.43	130909	24
90.9247	4763.768	4847.17	1.473	34.6892	153.706	1537.45	130933	24
90.9413	4764.642	4848.069	1.4729	34.6893	153.736	1537.46	130957	24
90.958	4765.445	4848.895	1.4721	34.6892	153.789	1537.47	130981	24
90.9747	4766.272	4849.745	1.4712	34.6895	153.932	1537.48	131005	24
90.9913	4767.192	4850.692	1.4713	34.6893	153.94	1537.5	131029	24
91.008	4768.193	4851.721	1.4712	34.6894	153.973	1537.52	131053	24
91.0247	4769.177	4852.734	1.4713	34.6893	154.005	1537.54	131077	24
91.0413	4770.077	4853.66	1.4715	34.6893	154.001	1537.55	131101	24
91.058	4770.94	4854.547	1.4715	34.6893	154.041	1537.57	131125	24
91.0747	4771.876	4855.51	1.4714	34.6894	154.062	1537.58	131149	24
91.0913	4772.905	4856.569	1.4713	34.6894	154.095	1537.6	131173	24
91.108	4773.989	4857.684	1.4713	34.6894	154.118	1537.62	131197	24
91.1247	4775.027	4858.752	1.4715	34.6893	154.14	1537.64	131221	24
91.1413	4775.951	4859.702	1.4712	34.6895	154.205	1537.66	131245	24
91.158	4776.79	4860.565	1.4712	34.6894	154.223	1537.67	131269	24

91.1747	4777.63	4861.429	1.4714	34.6894	154.251	1537.69	131293	24
91.1913	4778.529	4862.355	1.4717	34.6893	154.314	1537.7	131317	24
91.208	4779.466	4863.318	1.4717	34.6893	154.356	1537.72	131341	24
91.2247	4780.41	4864.289	1.472	34.6893	154.43	1537.74	131365	24
91.2413	4781.318	4865.223	1.4722	34.6893	154.449	1537.76	131389	24
91.258	4782.169	4866.099	1.4723	34.6892	154.478	1537.77	131413	24
91.2747	4782.981	4866.934	1.4722	34.6893	154.518	1537.79	131437	24
91.2913	4783.783	4867.759	1.4723	34.6893	154.546	1537.8	131461	24
91.308	4784.627	4868.627	1.4722	34.6894	154.531	1537.82	131485	24
91.3247	4785.543	4869.57	1.4721	34.6894	154.551	1537.83	131509	24
91.3413	4786.548	4870.603	1.4722	34.6894	154.605	1537.85	131533	24
91.358	4787.627	4871.713	1.4724	34.6894	154.595	1537.87	131557	24
91.3747	4788.783	4872.903	1.4725	34.6895	154.619	1537.89	131581	24
91.3913	4789.922	4874.074	1.4725	34.6895	154.655	1537.91	131605	24
91.408	4790.895	4875.075	1.4727	34.6894	154.708	1537.93	131629	24
91.4247	4791.633	4875.835	1.4727	34.6893	154.679	1537.94	131653	24
91.4413	4792.256	4876.476	1.4729	34.6893	154.692	1537.95	131677	24
91.458	4792.988	4877.229	1.473	34.6893	154.63	1537.97	131701	24
91.4747	4793.891	4878.158	1.473	34.6894	154.749	1537.99	131725	24
91.4913	4794.882	4879.178	1.4732	34.6894	154.692	1538	131749	24
91.508	4795.895	4880.219	1.4733	34.6894	154.669	1538.02	131773	24
91.5247	4796.937	4881.291	1.4732	34.6895	154.703	1538.04	131797	24
91.5413	4798.029	4882.415	1.4734	34.6894	154.659	1538.06	131821	24
91.558	4799.055	4883.471	1.4735	34.6894	154.691	1538.08	131845	24
91.5747	4799.839	4884.277	1.4737	34.6893	154.653	1538.1	131869	24
91.5913	4800.118	4884.564	1.474	34.6891	154.658	1538.1	131893	24
91.608	4799.832	4884.27	1.4742	34.6889	154.662	1538.1	131917	24
91.6247	4799.488	4883.916	1.474	34.6891	154.644	1538.09	131941	24
91.6413	4799.349	4883.773	1.4741	34.689	154.652	1538.09	131965	24
91.658	4799.556	4883.986	1.4741	34.6892	154.645	1538.09	131989	24
91.6747	4799.84	4884.278	1.4741	34.6891	154.662	1538.1	132013	24
91.6913	4799.995	4884.437	1.4741	34.689	154.654	1538.1	132037	24
91.708	4799.902	4884.342	1.4743	34.689	154.674	1538.1	132061	24
91.7247	4799.666	4884.099	1.4744	34.689	154.68	1538.09	132085	24

91.7413	4799.44	4883.866	1.4743	34.689	154.686	1538.09	132109	24
91.758	4799.344	4883.767	1.4742	34.6891	154.651	1538.09	132133	24
91.7747	4799.357	4883.782	1.4742	34.689	154.651	1538.09	132157	24
91.7913	4799.395	4883.82	1.4743	34.689	154.719	1538.09	132181	24
91.808	4799.478	4883.906	1.4745	34.6889	154.631	1538.09	132205	24
91.8247	4799.665	4884.098	1.4745	34.6891	154.701	1538.1	132229	24
91.8413	4799.837	4884.275	1.4745	34.689	154.65	1538.1	132253	24
91.858	4799.834	4884.272	1.4744	34.6889	154.65	1538.1	132277	24
91.8747	4799.698	4884.132	1.4743	34.689	154.647	1538.1	132301	24
91.8913	4799.56	4883.99	1.4742	34.6891	154.645	1538.09	132325	24
91.908	4799.517	4883.945	1.4743	34.689	154.644	1538.09	132349	24
91.9247	4799.632	4884.064	1.4745	34.6891	154.645	1538.09	132373	24
91.9413	4799.847	4884.285	1.4744	34.6891	154.65	1538.1	132397	24
91.958	4800.008	4884.451	1.4744	34.689	154.654	1538.1	132421	24
91.9747	4800.015	4884.458	1.4744	34.689	154.643	1538.1	132445	24
91.9913	4799.882	4884.321	1.4744	34.689	154.629	1538.1	132469	24
92.008	4799.994	4884.437	1.4744	34.689	154.642	1538.1	132493	24
92.0247	4800.389	4884.843	1.4742	34.6893	154.64	1538.11	132517	24
92.0413	4801.046	4885.519	1.4742	34.6892	154.654	1538.12	132541	24
92.058	4801.792	4886.286	1.4742	34.6893	154.648	1538.13	132565	24
92.0747	4802.562	4887.078	1.4744	34.6893	154.697	1538.15	132589	24
92.0913	4803.248	4887.784	1.4741	34.6894	154.668	1538.16	132613	24
92.108	4804.022	4888.581	1.4738	34.6895	154.731	1538.17	132637	24
92.1247	4804.978	4889.564	1.4737	34.6894	154.662	1538.19	132661	24
92.1413	4806.019	4890.636	1.4738	34.6895	154.674	1538.21	132685	24
92.158	4807.018	4891.663	1.474	34.6894	154.672	1538.23	132709	24
92.1747	4807.865	4892.535	1.4741	34.6894	154.668	1538.24	132733	24
92.1913	4808.6	4893.291	1.4743	34.6894	154.727	1538.25	132757	24
92.208	4809.381	4894.094	1.4747	34.6893	154.665	1538.27	132781	24
92.2247	4810.27	4895.009	1.4749	34.6893	154.75	1538.29	132805	24
92.2413	4811.217	4895.983	1.4751	34.6894	154.68	1538.31	132829	24
92.258	4812.125	4896.918	1.4751	34.6894	154.733	1538.32	132853	24
92.2747	4812.953	4897.769	1.4751	34.6894	154.696	1538.34	132877	24
92.2913	4813.688	4898.526	1.4751	34.6893	154.7	1538.35	132901	24

92.308	4814.384	4899.242	1.4752	34.6893	154.703	1538.36	132925	24
92.3247	4815.122	4900.002	1.4754	34.6893	154.741	1538.38	132949	24
92.3413	4815.898	4900.8	1.4754	34.6894	154.724	1538.39	132973	24
92.358	4816.658	4901.582	1.4755	34.6894	154.685	1538.41	132997	24
92.3747	4817.405	4902.35	1.4755	34.6894	154.712	1538.42	133021	24
92.3913	4818.193	4903.161	1.4753	34.6894	154.74	1538.43	133045	24
92.408	4819.071	4904.065	1.4756	34.6894	154.68	1538.45	133069	24
92.4247	4820.072	4905.094	1.4756	34.6896	154.713	1538.47	133093	24
92.4413	4821.164	4906.218	1.4757	34.6895	154.714	1538.49	133117	24
92.458	4822.201	4907.284	1.4756	34.6896	154.747	1538.5	133141	24
92.4747	4823.091	4908.2	1.4757	34.6894	154.722	1538.52	133165	24
92.4913	4823.799	4908.929	1.4757	34.6894	154.737	1538.53	133189	24
92.508	4824.298	4909.442	1.4759	34.6892	154.68	1538.54	133213	24
92.5247	4824.739	4909.896	1.4759	34.6894	154.734	1538.55	133237	24
92.5413	4825.348	4910.523	1.4758	34.6894	154.737	1538.56	133261	24
92.558	4826.158	4911.356	1.4751	34.6896	154.745	1538.57	133285	24
92.5747	4827.058	4912.282	1.475	34.6895	154.732	1538.59	133309	24
92.5913	4827.991	4913.242	1.4751	34.6895	154.763	1538.61	133333	24
92.608	4828.924	4914.202	1.4751	34.6896	154.805	1538.62	133357	24
92.6247	4829.87	4915.175	1.4752	34.6895	154.78	1538.64	133381	24
92.6413	4830.902	4916.237	1.4753	34.6895	154.825	1538.66	133405	24
92.658	4832.008	4917.376	1.4748	34.6897	154.828	1538.68	133429	24
92.6747	4833.039	4918.436	1.4749	34.6896	154.85	1538.7	133453	24
92.6913	4833.828	4919.248	1.475	34.6895	154.866	1538.71	133477	24
92.708	4834.379	4919.815	1.4752	34.6896	154.855	1538.72	133501	24
92.7247	4834.927	4920.379	1.4752	34.6896	154.878	1538.73	133525	24
92.7413	4835.683	4921.156	1.4753	34.6896	154.927	1538.75	133549	24
92.758	4836.587	4922.087	1.4752	34.6897	154.947	1538.76	133573	24
92.7747	4837.423	4922.947	1.4754	34.6896	154.92	1538.78	133597	24
92.7913	4838.059	4923.602	1.4758	34.6895	154.965	1538.79	133621	24
92.808	4838.575	4924.133	1.4759	34.6894	154.931	1538.8	133645	24
92.8247	4839.255	4924.832	1.4759	34.6895	154.99	1538.81	133669	24
92.8413	4840.194	4925.798	1.4759	34.6897	154.977	1538.83	133693	24
92.858	4841.277	4926.913	1.4763	34.6896	155.032	1538.85	133717	24

92.8747	4842.349	4928.016	1.4764	34.6896	155.022	1538.87	133741	24
92.8913	4843.327	4929.022	1.4764	34.6897	155.031	1538.89	133765	24
92.908	4844.173	4929.894	1.4765	34.6895	155.061	1538.9	133789	24
92.9247	4844.944	4930.686	1.4751	34.6898	155.049	1538.91	133813	24
92.9413	4845.702	4931.467	1.4749	34.6897	155.077	1538.93	133837	24
92.958	4846.406	4932.191	1.4749	34.6897	155.014	1538.94	133861	24
92.9747	4847.065	4932.868	1.4751	34.6897	155.006	1538.95	133885	24
92.9913	4847.767	4933.591	1.4747	34.6898	154.989	1538.96	133909	24
93.008	4848.579	4934.427	1.4745	34.6899	154.962	1538.98	133933	24
93.0247	4849.478	4935.353	1.4743	34.6899	155.038	1538.99	133957	24
93.0413	4850.417	4936.318	1.4744	34.6898	155.092	1539.01	133981	24
93.058	4851.369	4937.299	1.4745	34.6898	155.1	1539.02	134005	24
93.0747	4852.301	4938.257	1.4743	34.6898	155.166	1539.04	134029	24
93.0913	4853.205	4939.187	1.4741	34.6899	155.209	1539.06	134053	24
93.108	4854.07	4940.078	1.4735	34.6899	155.185	1539.07	134077	24
93.1247	4854.881	4940.911	1.4733	34.69	155.248	1539.08	134101	24
93.1413	4855.658	4941.712	1.473	34.6899	155.299	1539.1	134125	24
93.158	4856.467	4942.544	1.4719	34.6901	155.321	1539.11	134149	24
93.1747	4857.283	4943.383	1.4712	34.6901	155.319	1539.12	134173	24
93.1913	4858.056	4944.179	1.4713	34.6901	155.391	1539.13	134197	24
93.208	4858.78	4944.925	1.4714	34.6901	155.373	1539.14	134221	24
93.2247	4859.452	4945.616	1.4712	34.6901	155.421	1539.16	134245	24
93.2413	4860.134	4946.318	1.4713	34.6901	155.425	1539.17	134269	24
93.258	4860.846	4947.051	1.4714	34.69	155.462	1539.18	134293	24
93.2747	4861.567	4947.793	1.4715	34.6901	155.522	1539.2	134317	24
93.2913	4862.299	4948.546	1.4714	34.6901	155.527	1539.21	134341	24
93.308	4863.09	4949.36	1.4714	34.6901	155.6	1539.22	134365	24
93.3247	4863.99	4950.286	1.4714	34.6902	155.62	1539.24	134389	24
93.3413	4864.983	4951.308	1.4712	34.6903	155.753	1539.26	134413	24
93.358	4865.987	4952.342	1.4713	34.6902	155.742	1539.27	134437	24
93.3747	4866.888	4953.269	1.4715	34.6902	155.772	1539.29	134461	24
93.3913	4867.625	4954.028	1.4713	34.6902	155.833	1539.3	134485	24
93.408	4868.072	4954.487	1.4715	34.69	155.831	1539.31	134509	24
93.4247	4868.352	4954.775	1.4715	34.69	155.87	1539.32	134533	24

93.4413	4868.623	4955.053	1.4715	34.69	155.876	1539.32	134557	24
93.458	4869.186	4955.633	1.4715	34.6902	155.888	1539.33	134581	24
93.4747	4869.995	4956.466	1.4715	34.6902	155.928	1539.35	134605	24
93.4913	4870.908	4957.406	1.4716	34.6902	156.015	1539.36	134629	24
93.508	4871.763	4958.286	1.4717	34.6902	155.932	1539.38	134653	24
93.5247	4872.427	4958.969	1.4718	34.69	155.991	1539.39	134677	24
93.5413	4872.81	4959.363	1.472	34.6899	155.965	1539.4	134701	24
93.558	4872.95	4959.507	1.472	34.69	156.024	1539.4	134725	24
93.5747	4873.034	4959.594	1.472	34.6899	155.981	1539.4	134749	24
93.5913	4873.264	4959.83	1.472	34.69	155.997	1539.41	134773	24
93.608	4873.723	4960.302	1.4719	34.6901	156.041	1539.42	134797	24
93.6247	4874.34	4960.938	1.472	34.6901	156.031	1539.43	134821	24
93.6413	4874.971	4961.587	1.4721	34.6901	156.012	1539.44	134845	24
93.658	4875.496	4962.128	1.4722	34.6901	156.056	1539.45	134869	24
93.6747	4875.863	4962.506	1.4723	34.69	156.064	1539.46	134893	24
93.6913	4876.076	4962.724	1.4724	34.6899	156.034	1539.46	134917	24
93.708	4876.253	4962.907	1.4724	34.6897	156.005	1539.46	134941	24
93.7247	4876.647	4963.311	1.4723	34.69	156.047	1539.47	134965	24
93.7413	4877.324	4964.008	1.4723	34.6901	156.095	1539.48	134989	24
93.758	4878.176	4964.885	1.4724	34.6902	156.057	1539.5	135013	24
93.7747	4879.001	4965.735	1.4726	34.6902	156.097	1539.51	135037	24
93.7913	4879.693	4966.447	1.4726	34.6901	156.101	1539.53	135061	24
93.808	4880.171	4966.939	1.4726	34.6901	156.066	1539.53	135085	24
93.8247	4880.464	4967.24	1.4728	34.69	156.083	1539.54	135109	24
93.8413	4880.735	4967.519	1.4729	34.69	156.089	1539.55	135133	24
93.858	4881.181	4967.978	1.4728	34.69	156.087	1539.55	135157	24
93.8747	4881.752	4968.566	1.4729	34.69	156.088	1539.56	135181	24
93.8913	4882.261	4969.09	1.473	34.69	156.132	1539.57	135205	24
93.908	4882.609	4969.448	1.473	34.6899	156.05	1539.58	135229	24
93.9247	4882.855	4969.701	1.4731	34.6899	156.134	1539.59	135253	24
93.9413	4883.101	4969.954	1.4731	34.69	156.072	1539.59	135277	24
93.958	4883.47	4970.333	1.4731	34.69	156.057	1539.6	135301	24
93.9747	4883.951	4970.829	1.4731	34.6902	156.045	1539.6	135325	24
93.9913	4884.522	4971.416	1.4732	34.6901	156.091	1539.62	135349	24

94.008	4885.05	4971.961	1.4733	34.6901	156.057	1539.63	135373	24
94.0247	4885.537	4972.462	1.4734	34.6901	156.045	1539.63	135397	24
94.0413	4886.084	4973.024	1.4734	34.6902	156.101	1539.64	135421	24
94.058	4886.74	4973.699	1.4735	34.69	156.059	1539.66	135445	24
94.0747	4887.435	4974.415	1.4736	34.6902	156.062	1539.67	135469	24
94.0913	4887.988	4974.983	1.4737	34.69	156.085	1539.68	135493	24
94.108	4888.346	4975.352	1.4737	34.69	156.071	1539.69	135517	24
94.1247	4888.546	4975.558	1.4738	34.6899	156.041	1539.69	135541	24
94.1413	4888.733	4975.751	1.4739	34.6899	156.067	1539.69	135565	24
94.158	4889.118	4976.147	1.4739	34.6899	156.042	1539.7	135589	24
94.1747	4889.68	4976.726	1.4739	34.6901	156.065	1539.71	135613	24
94.1913	4890.291	4977.355	1.474	34.6901	156.078	1539.72	135637	24
94.208	4890.87	4977.951	1.474	34.6902	156.057	1539.73	135661	24
94.2247	4891.427	4978.523	1.4741	34.69	156.069	1539.74	135685	24
94.2413	4891.967	4979.079	1.4741	34.6901	156.069	1539.75	135709	24
94.258	4892.475	4979.602	1.474	34.6901	156.114	1539.76	135733	24
94.2747	4892.933	4980.073	1.474	34.6901	156.101	1539.77	135757	24
94.2913	4893.301	4980.453	1.4739	34.6901	156.088	1539.78	135781	24
94.308	4893.568	4980.727	1.4739	34.6899	156.082	1539.78	135805	24
94.3247	4893.833	4981	1.4738	34.6901	156.133	1539.79	135829	24
94.3413	4894.227	4981.405	1.4741	34.6899	156.118	1539.79	135853	24
94.358	4894.744	4981.938	1.4743	34.69	156.129	1539.8	135877	24
94.3747	4895.324	4982.534	1.4741	34.6902	156.119	1539.81	135901	24
94.3913	4895.911	4983.138	1.4745	34.69	156.131	1539.83	135925	24
94.408	4896.489	4983.734	1.4745	34.6902	156.154	1539.84	135949	24
94.4247	4897.04	4984.3	1.4746	34.6902	156.11	1539.85	135973	24
94.4413	4897.566	4984.841	1.4747	34.6901	156.143	1539.86	135997	24
94.458	4898.055	4985.345	1.4746	34.6902	156.12	1539.87	136021	24
94.4747	4898.473	4985.776	1.4747	34.6902	156.14	1539.87	136045	24
94.4913	4898.747	4986.057	1.4749	34.69	156.101	1539.88	136069	24
94.508	4898.922	4986.237	1.475	34.6898	156.059	1539.88	136093	24
94.5247	4899.196	4986.519	1.4747	34.69	156.077	1539.89	136117	24
94.5413	4899.725	4987.064	1.4747	34.6901	156.089	1539.9	136141	24
94.558	4900.472	4987.833	1.4747	34.6902	156.105	1539.91	136165	24

94.5747	4901.291	4988.676	1.4748	34.6903	156.077	1539.93	136189	24
94.5913	4902.008	4989.414	1.475	34.6901	156.058	1539.94	136213	24
94.608	4902.475	4989.895	1.4751	34.69	156.079	1539.95	136237	24
94.6247	4902.769	4990.197	1.4752	34.69	156.074	1539.95	136261	24
94.6413	4903.085	4990.522	1.4753	34.69	156.081	1539.96	136285	24
94.658	4903.424	4990.871	1.4754	34.6899	156.088	1539.96	136309	24
94.6747	4903.616	4991.069	1.4755	34.6898	156.08	1539.97	136333	24
94.6913	4903.658	4991.112	1.4754	34.6899	156.059	1539.97	136357	24
94.708	4903.795	4991.253	1.4752	34.6901	156.04	1539.97	136381	24
94.7247	4904.321	4991.795	1.4752	34.6902	156.085	1539.98	136405	24
94.7413	4905.168	4992.667	1.4753	34.6903	156.08	1540	136429	24
94.758	4906.074	4993.6	1.4754	34.6902	156.1	1540.01	136453	24
94.7747	4906.821	4994.368	1.4753	34.6903	156.127	1540.02	136477	24
94.7913	4907.307	4994.869	1.4756	34.6899	156.137	1540.03	136501	24
94.808	4907.597	4995.166	1.4757	34.6899	156.098	1540.04	136525	24
94.8247	4907.969	4995.549	1.4757	34.6901	156.095	1540.05	136549	24
94.8413	4908.579	4996.178	1.4758	34.6901	156.108	1540.06	136573	24
94.858	4909.325	4996.946	1.4759	34.6902	156.135	1540.07	136597	24
94.8747	4910.046	4997.688	1.4761	34.6901	156.138	1540.09	136621	24
94.8913	4910.575	4998.232	1.4762	34.6901	156.104	1540.1	136645	24
94.908	4910.824	4998.488	1.4764	34.6898	156.109	1540.1	136669	24
94.9247	4910.854	4998.519	1.4764	34.6898	156.098	1540.1	136693	24
94.9413	4910.824	4998.489	1.4765	34.69	156.131	1540.1	136717	24
94.958	4911.011	4998.681	1.4765	34.6899	156.09	1540.11	136741	24
94.9747	4911.556	4999.242	1.4762	34.6902	156.114	1540.11	136765	24
94.9913	4912.304	5000.012	1.4763	34.6902	156.096	1540.13	136789	24
95.008	4913.046	5000.776	1.4764	34.6902	156.056	1540.14	136813	24
95.0247	4913.742	5001.492	1.4766	34.6903	156.058	1540.16	136837	24
95.0413	4914.433	5002.203	1.4765	34.6903	156.085	1540.17	136861	24
95.058	4915.095	5002.884	1.4767	34.6901	156.065	1540.18	136885	24
95.0747	4915.641	5003.447	1.4767	34.6901	156.054	1540.19	136909	24
95.0913	4915.902	5003.715	1.4769	34.69	156.059	1540.2	136933	24
95.108	4915.819	5003.63	1.4772	34.6896	156.023	1540.19	136957	24
95.1247	4915.479	5003.28	1.4772	34.69	156.004	1540.19	136981	24

95.1413	4915.318	5003.115	1.4772	34.69	156.046	1540.19	137005	24
95.158	4915.644	5003.449	1.4772	34.6902	156.041	1540.19	137029	24
95.1747	4916.449	5004.278	1.4769	34.6904	156.06	1540.21	137053	24
95.1913	4917.384	5005.241	1.477	34.6902	156.057	1540.22	137077	24
95.208	4918.11	5005.988	1.477	34.6901	156.084	1540.24	137101	24
95.2247	4918.436	5006.323	1.4773	34.6899	156.057	1540.24	137125	24
95.2413	4918.385	5006.271	1.4776	34.6898	156.055	1540.24	137149	24
95.258	4918.361	5006.247	1.4775	34.69	156.054	1540.24	137173	24
95.2747	4918.808	5006.707	1.4774	34.6901	156.098	1540.25	137197	24
95.2913	4919.627	5007.549	1.4772	34.6902	156.06	1540.26	137221	24
95.308	4920.422	5008.368	1.4772	34.6902	156.066	1540.28	137245	24
95.3247	4920.905	5008.865	1.4773	34.69	156.065	1540.29	137269	24
95.3413	4920.981	5008.943	1.4777	34.6898	156.054	1540.29	137293	24
95.358	4920.704	5008.659	1.4778	34.6899	155.991	1540.29	137317	24
95.3747	4920.361	5008.305	1.4779	34.6899	156.017	1540.28	137341	24
95.3913	4920.154	5008.092	1.4778	34.6901	156.035	1540.28	137365	24
95.408	4920.232	5008.172	1.4779	34.69	156.037	1540.28	137389	24
95.4247	4920.644	5008.597	1.4778	34.69	156.001	1540.28	137413	24
95.4413	4921.301	5009.273	1.4776	34.6901	156.049	1540.3	137437	24
95.458	4922.055	5010.049	1.4774	34.6902	156.01	1540.31	137461	24
95.4747	4922.814	5010.83	1.4774	34.6902	156.038	1540.32	137485	24
95.4913	4923.497	5011.533	1.4773	34.6904	156.053	1540.33	137509	24
95.508	4923.919	5011.968	1.4776	34.6901	156.027	1540.34	137533	24
95.5247	4923.908	5011.956	1.4779	34.6898	156.038	1540.34	137557	24
95.5413	4923.634	5011.674	1.4778	34.69	156.009	1540.34	137581	24
95.558	4923.398	5011.431	1.478	34.6899	156.037	1540.33	137605	24
95.5747	4923.436	5011.471	1.478	34.69	156.027	1540.33	137629	24
95.5913	4923.809	5011.854	1.478	34.6901	156.035	1540.34	137653	24
95.608	4924.379	5012.441	1.4778	34.6902	156.037	1540.35	137677	24
95.6247	4924.88	5012.957	1.4777	34.6901	156.014	1540.36	137701	24
95.6413	4925.146	5013.23	1.4779	34.6899	156.008	1540.37	137725	24
95.658	4925.213	5013.3	1.4781	34.6898	156.031	1540.37	137749	24
95.6747	4925.194	5013.281	1.4782	34.6898	155.997	1540.37	137773	24
95.6913	4925.138	5013.223	1.4781	34.6899	156.007	1540.37	137797	24

95.708	4925.177	5013.263	1.4782	34.6899	156.019	1540.37	137821	24
95.7247	4925.341	5013.432	1.4783	34.69	156.033	1540.37	137845	24
95.7413	4925.651	5013.75	1.4781	34.69	156.029	1540.38	137869	24
95.758	4925.962	5014.07	1.4778	34.69	156.014	1540.38	137893	24
95.7747	4926.002	5014.112	1.4783	34.6897	156.059	1540.38	137917	24
95.7913	4925.655	5013.755	1.4784	34.6899	156.028	1540.38	137941	24
95.808	4925.01	5013.091	1.4786	34.6898	156.002	1540.37	137965	24
95.8247	4924.42	5012.484	1.4785	34.6898	155.979	1540.35	137989	24
95.8413	4924.178	5012.234	1.4783	34.69	155.974	1540.35	138013	24
95.858	4924.229	5012.287	1.4785	34.6901	156.008	1540.35	138037	24
95.8747	4924.462	5012.526	1.4783	34.6901	156.025	1540.36	138061	24
95.8913	4924.676	5012.747	1.4782	34.69	155.996	1540.36	138085	24
95.908	4924.839	5012.914	1.4782	34.6901	156.011	1540.36	138109	24
95.9247	4925.207	5013.294	1.4779	34.6901	156.009	1540.37	138133	24
95.9413	4925.734	5013.836	1.478	34.69	156.031	1540.38	138157	24
95.958	4926.367	5014.487	1.478	34.6902	156.034	1540.39	138181	24
95.9747	4926.872	5015.008	1.478	34.6902	156.022	1540.4	138205	24
95.9913	4927.179	5015.323	1.4777	34.6901	156.019	1540.4	138229	24
96.008	4927.243	5015.389	1.4779	34.6899	155.974	1540.4	138253	24
96.0247	4927.182	5015.326	1.4785	34.6897	155.96	1540.4	138277	24
96.0413	4927.091	5015.233	1.4786	34.6899	155.991	1540.4	138301	24
96.058	4927.026	5015.166	1.4786	34.6899	155.956	1540.4	138325	24
96.0747	4927.005	5015.144	1.4787	34.6898	155.978	1540.4	138349	24
96.0913	4927.157	5015.301	1.4787	34.69	155.992	1540.41	138373	24
96.108	4927.635	5015.793	1.4783	34.69	155.958	1540.41	138397	24
96.1247	4928.303	5016.481	1.4778	34.6903	156.009	1540.42	138421	24
96.1413	4928.928	5017.124	1.478	34.6902	155.942	1540.44	138445	24
96.158	4929.35	5017.558	1.4781	34.6901	155.951	1540.44	138469	24
96.1747	4929.482	5017.694	1.4783	34.6898	155.942	1540.45	138493	24
96.1913	4929.365	5017.574	1.4785	34.6899	155.894	1540.44	138517	24
96.208	4929.209	5017.413	1.4785	34.6898	155.924	1540.44	138541	24
96.2247	4929.081	5017.282	1.4787	34.6899	155.932	1540.44	138565	24
96.2413	4929.035	5017.234	1.4789	34.69	155.93	1540.44	138589	24
96.258	4929.137	5017.339	1.479	34.6899	155.989	1540.44	138613	24

96.2747	4929.451	5017.663	1.4786	34.6901	155.963	1540.45	138637	24
96.2913	4929.921	5018.146	1.4783	34.6902	155.974	1540.45	138661	24
96.308	4930.43	5018.67	1.4782	34.6901	155.872	1540.46	138685	24
96.3247	4930.87	5019.123	1.4783	34.6901	155.904	1540.47	138709	24
96.3413	4931.065	5019.323	1.4785	34.6899	155.908	1540.47	138733	24
96.358	4930.943	5019.198	1.4786	34.6899	155.905	1540.47	138757	24
96.3747	4930.694	5018.942	1.4787	34.69	155.944	1540.47	138781	24
96.3913	4930.699	5018.946	1.4787	34.6901	155.944	1540.47	138805	24
96.408	4931.159	5019.42	1.4785	34.6901	155.91	1540.48	138829	24
96.4247	4931.883	5020.165	1.4784	34.6902	155.914	1540.49	138853	24
96.4413	4932.533	5020.835	1.4784	34.6902	155.962	1540.5	138877	24
96.458	4932.94	5021.254	1.4786	34.69	155.914	1540.51	138901	24
96.4747	4932.984	5021.299	1.4788	34.6899	155.96	1540.51	138925	24
96.4913	4932.721	5021.028	1.479	34.6897	155.942	1540.51	138949	24
96.508	4932.399	5020.697	1.4791	34.6897	155.889	1540.5	138973	24
96.5247	4932.219	5020.512	1.479	34.69	155.92	1540.5	138997	24
96.5413	4932.28	5020.575	1.479	34.69	155.921	1540.5	139021	24
96.558	4932.573	5020.876	1.479	34.69	155.893	1540.5	139045	24
96.5747	4933.022	5021.339	1.4789	34.6901	155.971	1540.51	139069	24
96.5913	4933.557	5021.889	1.4788	34.69	155.904	1540.52	139093	24
96.608	4934.086	5022.433	1.4786	34.6901	155.95	1540.53	139117	24
96.6247	4934.465	5022.824	1.4788	34.6899	155.947	1540.54	139141	24
96.6413	4934.569	5022.931	1.4789	34.6899	155.96	1540.54	139165	24
96.658	4934.438	5022.796	1.4791	34.6899	155.934	1540.54	139189	24
96.6747	4934.254	5022.606	1.4792	34.6899	155.94	1540.54	139213	24
96.6913	4934.255	5022.608	1.4791	34.6901	155.929	1540.53	139237	24
96.708	4934.572	5022.933	1.4791	34.6901	155.948	1540.54	139261	24
96.7247	4935.085	5023.462	1.4788	34.6901	155.949	1540.55	139285	24
96.7413	4935.534	5023.924	1.4787	34.6901	155.959	1540.56	139309	24
96.758	4935.809	5024.207	1.4788	34.69	155.942	1540.56	139333	24
96.7747	4935.939	5024.341	1.479	34.6898	155.955	1540.56	139357	24
96.7913	4935.974	5024.377	1.4789	34.69	155.922	1540.57	139381	24
96.808	4936.032	5024.437	1.479	34.6899	155.878	1540.57	139405	24
96.8247	4936.215	5024.626	1.4789	34.6901	155.928	1540.57	139429	24

96.8413	4936.538	5024.958	1.4788	34.6902	155.912	1540.58	139453	24
96.858	4936.939	5025.371	1.4788	34.6901	155.921	1540.58	139477	24
96.8747	4937.361	5025.804	1.4788	34.6902	155.953	1540.59	139501	24
96.8913	4937.678	5026.132	1.4789	34.69	155.925	1540.6	139525	24
96.908	4937.638	5026.09	1.4791	34.6899	155.992	1540.6	139549	24
96.9247	4937.259	5025.7	1.4793	34.6898	155.938	1540.59	139573	24
96.9413	4936.818	5025.246	1.4794	34.6899	155.927	1540.58	139597	24
96.958	4936.536	5024.955	1.4795	34.69	155.921	1540.58	139621	24
96.9747	4936.515	5024.934	1.4797	34.6899	155.965	1540.58	139645	24
96.9913	4936.717	5025.142	1.4797	34.6901	155.947	1540.58	139669	24
97.008	4937.096	5025.532	1.4794	34.6901	155.979	1540.59	139693	24
97.0247	4937.542	5025.992	1.479	34.6902	156.001	1540.59	139717	24
97.0413	4937.833	5026.291	1.4792	34.69	155.973	1540.6	139741	24
97.058	4937.676	5026.13	1.4795	34.6899	155.969	1540.6	139765	24
97.0747	4937.143	5025.581	1.4795	34.6898	155.945	1540.59	139789	24
97.0913	4936.517	5024.936	1.4797	34.6899	155.92	1540.58	139813	24
97.108	4936.085	5024.491	1.4796	34.69	155.911	1540.57	139837	24
97.1247	4936.079	5024.486	1.4797	34.69	155.921	1540.57	139861	24
97.1413	4936.617	5025.039	1.4794	34.6902	155.957	1540.58	139885	24
97.158	4937.409	5025.855	1.4791	34.6902	155.93	1540.59	139909	24
97.1747	4938.152	5026.62	1.479	34.6903	155.98	1540.6	139933	24
97.1913	4938.694	5027.177	1.479	34.6901	155.992	1540.62	139957	24
97.208	4938.856	5027.344	1.4793	34.6899	155.994	1540.62	139981	24
97.2247	4938.726	5027.21	1.4795	34.6898	155.968	1540.62	140005	24
97.2413	4938.561	5027.041	1.4797	34.6898	155.93	1540.61	140029	24
97.258	4938.621	5027.101	1.4797	34.69	155.931	1540.62	140053	24
97.2747	4938.928	5027.418	1.4797	34.69	155.961	1540.62	140077	24
97.2913	4939.388	5027.892	1.4792	34.6902	155.961	1540.63	140101	24
97.308	4939.898	5028.416	1.4788	34.6903	155.974	1540.64	140125	24
97.3247	4940.415	5028.949	1.4786	34.6904	155.94	1540.65	140149	24
97.3413	4940.837	5029.383	1.478	34.6903	155.963	1540.65	140173	24
97.358	4940.988	5029.538	1.4784	34.69	155.897	1540.65	140197	24
97.3747	4940.842	5029.389	1.4791	34.6899	155.846	1540.65	140221	24
97.3913	4940.561	5029.099	1.4795	34.6898	155.861	1540.65	140245	24

97.408	4940.428	5028.962	1.4796	34.6901	155.891	1540.65	140269	24
97.4247	4940.646	5029.187	1.4797	34.6901	155.862	1540.65	140293	24
97.4413	4941.195	5029.751	1.479	34.6901	156.001	1540.66	140317	24
97.458	4941.807	5030.382	1.4774	34.6904	155.975	1540.66	140341	24
97.4747	4942.222	5030.81	1.477	34.6905	156.031	1540.67	140365	24
97.4913	4942.507	5031.102	1.4772	34.6903	155.957	1540.68	140389	24
97.508	4942.784	5031.388	1.4768	34.6904	155.953	1540.68	140413	24
97.5247	4943.029	5031.64	1.478	34.6901	155.966	1540.69	140437	24
97.5413	4943.165	5031.78	1.4774	34.69	155.982	1540.69	140461	24
97.558	4943.071	5031.683	1.478	34.69	156.001	1540.69	140485	24

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