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Site Attenuation Calibration(ANSI C 63.4) - Horizontal								Calibrated Date : 03/06/2005																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																</			
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NSA																
54.225	94.716	54.709	54.784	53.954	54.379	54.931	27.43	12.574	12.499	13.329	12.904	12.352	18.717	14.717	10.717	-2.143
54.650	94.730	55.283	55.267	54.544	54.852	55.330	27.27	12.180	12.196	12.919	12.611	12.133	18.598	14.598	10.598	-2.418
55.075	94.760	55.646	55.682	54.825	55.363	55.758	26.98	12.139	12.103	12.960	12.422	12.027	18.479	14.479	10.479	-2.340
55.500	94.778	55.848	56.042	55.149	55.639	56.064	26.85	12.080	11.886	12.779	12.289	11.864	18.360	14.360	10.360	-2.280
55.925	94.784	56.059	56.156	55.281	55.705	56.210	26.73	12.000	11.903	12.778	12.354	11.849	18.241	14.241	10.241	-2.241
56.350	94.767	56.252	56.367	55.514	55.897	56.465	26.43	12.082	11.967	12.820	12.437	11.869	18.122	14.122	10.122	-2.040
56.775	94.746	56.541	56.686	55.916	56.201	56.725	26.27	11.938	11.793	12.563	12.278	11.754	18.003	14.003	10.003	-2.065
57.200	94.708	56.901	57.054	56.212	56.529	57.127	25.97	11.840	11.687	12.529	12.212	11.614	17.884	13.884	9.884	-2.044
57.625	94.654	57.359	57.454	56.699	56.991	57.579	25.83	11.462	11.367	12.122	11.830	11.242	17.765	13.765	9.765	-2.303
58.050	94.644	57.792	57.872	57.209	57.289	58.037	25.60	11.252	11.172	11.835	11.755	11.007	17.646	13.646	9.646	-2.394
58.475	94.671	58.083	58.228	57.590	57.671	58.428	25.50	11.088	10.943	11.581	11.500	10.743	17.527	13.527	9.527	-2.439
58.900	94.692	58.380	58.387	57.828	57.835	58.649	25.40	10.912	10.905	11.464	11.457	10.643	17.408	13.408	9.408	-2.496
59.325	94.699	58.500	58.539	58.059	58.026	58.781	25.17	11.032	10.993	11.473	11.506	10.751	17.289	13.289	9.289	-2.257
59.750	94.692	58.644	58.667	58.210	58.127	58.944	25.03	11.015	10.992	11.449	11.532	10.715	17.170	13.170	9.170	-2.155
60.175	94.665	58.895	58.885	58.449	58.324	59.157	24.77	11.003	11.056	11.449	11.574	10.741	17.062	13.062	9.062	-2.058
60.600	94.637	59.119	59.132	58.718	58.622	59.460	24.63	10.885	10.872	11.286	11.382	10.544	16.968	12.968	8.968	-2.083
61.025	94.600	59.459	59.348	59.072	58.947	59.788	24.40	10.741	10.852	11.128	11.253	10.412	16.875	12.875	8.875	-2.134
61.450	94.568	59.725	59.596	59.310	59.269	60.092	24.30	10.543	10.672	10.958	10.999	10.176	16.781	12.781	8.781	-2.238
61.875	94.582	59.890	59.797	59.524	59.437	60.279	24.20	10.492	10.585	10.858	10.945	10.103	16.688	12.688	8.688	-2.196
62.300	94.624	60.016	59.870	59.600	59.569	60.399	24.00	10.608	10.754	11.024	11.055	10.225	16.594	12.594	8.594	-1.986
62.725	94.663	60.121	59.908	59.642	59.598	60.444	23.90	10.642	10.855	11.121	11.165	10.319	16.501	12.501	8.501	-1.859
63.150	94.666	60.148	59.959	59.588	59.743	60.524	23.70	10.818	11.007	11.378	11.223	10.442	16.407	12.407	8.407	-1.589
63.575	94.646	60.182	60.089	59.634	59.724	60.523	23.60	10.864	10.957	11.412	11.322	10.523	16.314	12.314	8.314	-1.450
64.000	94.610	60.297	60.187	59.661	59.857	60.653	23.43	10.888	10.998	11.524	11.328	10.532	16.220	12.220	8.220	-1.332
64.425	94.572	60.420	60.292	59.769	60.742	60.742	23.35	10.802	10.930	11.453	11.146	10.480	16.127	12.127	8.127	-1.325
64.850	94.529	60.591	60.521	59.889	60.198	60.943	23.28	10.663	10.733	11.365	11.056	10.311	16.033	12.033	8.033	-1.370
65.275	94.508	60.652	60.685	59.936	60.315	60.988	23.13	10.723	10.690	11.439	11.060	10.387	15.940	11.940	7.940	-1.217
65.700	94.526	60.729	60.751	59.939	60.410	61.009	23.07	10.730	10.708	11.520	11.049	10.450	15.846	11.846	7.846	-1.116
66.125	94.556	60.716	60.845	59.923	60.449	61.093	22.93	10.915	10.786	11.708	11.182	10.538	15.753	11.753	7.753	-0.838
66.550	94.579	60.736	60.898	59.865	60.518	61.048	22.85	10.993	10.831	11.864	11.211	10.681	15.659	11.659	7.659	-0.666
66.975	94.569	60.748	60.954	59.847	60.509	61.069	22.78	11.042	10.836	11.943	11.281	10.721	15.566	11.566	7.566	-0.523
67.400	94.542	60.778	61.121	59.918	60.687	61.177	22.63	11.131	10.788	11.991	11.222	10.732	15.472	11.472	7.472	-0.341
67.825	94.506	60.916	61.280	60.015	61.328	62.57	22.57	11.023	10.659	11.924	11.124	10.611	15.379	11.379	7.379	-0.355
68.250	94.486	61.060	61.440	60.172	60.924	61.436	22.43	10.993	10.613	11.881	11.129	10.617	15.285	11.285	7.285	-0.292
68.675	94.487	61.177	61.573	60.264	61.048	61.694	22.37	10.943	10.547	11.856	11.072	10.426	15.192	11.192	7.192	-0.248
69.100	94.504	61.262	61.680	60.352	61.128	61.759	22.25	10.992	10.574	11.902	11.126	10.495	15.098	11.098	7.098	-0.106
69.525	94.512	61.309	61.743	60.399	61.187	61.824	22.20	11.003	10.569	11.913	11.125	10.488	15.005	11.005	7.005	-0.001
69.950	94.509	61.324	61.818	60.509	61.260	61.972	22.15	11.035	10.541	11.850	11.099	10.387	14.911	10.911	6.911	0.124
70.375	94.490	61.394	61.882	60.638	61.223	62.072	22.07	11.029	10.541	11.785	11.200	10.351	14.836	10.836	6.836	0.193
70.800	94.455	61.478	61.961	60.707	61.268	62.185	22.03	10.944	10.461	11.715	11.154	10.237	14.764	10.764	6.764	0.180
71.225	94.402	61.565	62.074	60.911	61.344	62.381	21.97	10.870	10.361	11.524	11.091	10.054	14.692	10.692	6.692	0.179
71.650	94.359	61.692	62.159	61.094	61.378	62.535	21.93	10.734	10.267	11.332	11.048	9.891	14.620	10.620	6.620	0.114
72.075	94.341	61.780	62.250	61.271	61.453	62.652	21.88	10.686	10.216	11.195	11.013	9.814	14.547	10.547	6.547	0.139
72.500	94.324	61.930	62.350	61.465	61.514	62.771	21.85	10.544	10.124	11.009	10.960	9.703	14.475	10.475	6.475	0.069
72.925	94.341	62.066	62.456	61.683	61.624	62.902	21.83	10.450	10.060	10.833	10.892	9.614	14.403	10.403	6.403	0.047
73.350	94.363	62.136	62.556	61.866	61.733	62.999	21.77	10.460	10.040	10.730	10.863	9.597	14.331	10.331	6.331	0.130
73.775	94.405	62.331	62.625	62.076	61.773	63.039	21.73	10.341	10.047	10.596	10.899	9.633	14.258	10.258	6.258	0.082
74.200	94.392	62.370	62.737	62.208	61.865	63.126	21.67	10.355	9.988	10.517	10.860	9.599	14.186	10.186	6.186	0.169
74.625	94.367	62.464	62.826	62.357	61.947	63.151	21.63	10.270	9.908	10.377	10.787	9.583	14.114	10.114	6.114	0.156
75.050	94.311	62.512	62.909	62.510	61.983	63.135	21.60	10.199	9.802	10.201	10.728	9.576	14.042	10.042	6.042	0.158
75.475	94.271	62.617	62.943	62.630	62.134	63.181	21.60	10.054	9.728	10.041	10.537	9.490	13.969	9.969	5.969	0.085
75.900	94.293	62.743	63.045	62.733	63.240	63.240	21.60	9.950	9.648	9.960	10.480	9.453	13.897	9.897	5.897	0.053
76.325	94.331	62.837	63.150	62.905	62.339	63.340	21.60	9.894	9.581	9.826	10.392	9.391	13.825	9.825	5.825	0.069
76.750	94.334	62.966	63.262	62.995	62.520	63.411	21.60	9.768	9.472	9.739	10.214	9.323	13.753	9.753	5.753	0.016
77.175	94.335	63.072	63.363	63.177	62.606	63.487	21.60	9.663	9.372	9.558	10.129	9.248	13.680	9.680	5.680	-0.017
77.600	94.334	63.154	63.396	63.222	62.724	63.541	21.60	9.580	9.338	9.512	10.010	9.193	13.608	9.608	5.608	-0.028
78.025	94.320	63.196	63.421	63.263	63.793	63.562	21.60	9.524	9.299	9.457	9.927	9.158	13.536	9.536	5.536	-0.012
78.450	94.301	63.193	63.435	63.267	62.809	63.580	21.60	9.508	9.266	9.434	9.892	9.121	13.464	9.464	5.464	0.045
78.875	94.263	63.264	63.467	63.274	62.878	63.617	21.60	9.399	9.196	9.389	9.785	9.046	13.391	9.391	5.391	0.008
79.300	94.244	63.276	63.539	63.345	62.962	63.651	21.63	9.335	9.072	9.266	9.649	8.960	13.319	9.319	5.319	0.016
79.725	94.266	63.372	63.684	63.439	63.055	63.659	21.67	9.227	8.915	9.160	9.544	8.940	13.247	9.247	5.247	-0.019
80.150	94.285	63.464	63.721	63.494	63.206	63.759	21.73	9.088	8.831	9.058	9.346	8.793	13.179	9.179	5.179	-0.091
80.575	94.291	63.554	63.803	63.549	63.304	63.821	21.77	8.970	8.721	8.975	9.220	8.703	13.120	9.120	5.120	-0.149
81.000	94.277	63.557	63.796	63.616	63.324	63.763	21.83	8.895	8.656	8.836	9.128	8.689	13.060	9.060	5.060	-0.165
81.425	94.251	63.495	63.769	63.517	63.301	63.787	21.85	8.906	8.632	8.884	9.100	8.614	13.001	9.001	5.001	-0.094
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83.975	94.203	63.522	63.826	63.591	63.447	63.647	22.15	8.531	8.227	8.462	8.606	8.406	12.644	8.644	4.644	-0.112	-0.416	-0.181	-0.037	-0.237
84.400	94.200	63.515	63.823	63.550	63.407	63.617	22.23	8.452	8.144	8.417	8.560	8.350	12.584	8.584	4.584	-0.132	-0.440	-0.167	-0.024	-0.234
84.825	94.184	63.418	63.721	63.507	63.334	63.567	22.27	8.499	8.196	8.410	8.583	8.350	12.525	8.525	4.525	-0.025	-0.328	-0.114	0.059	-0.174
85.250	94.154	63.286	63.606	63.366	63.194	63.396	22.37	8.501	8.181	8.421	8.593	8.391	12.465	8.465	4.465	0.036	-0.284	-0.044	0.128	-0.074
85.675	94.153	63.172	63.433	63.262	63.071	63.245	22.43	8.548	8.287	8.458	8.649	8.475	12.406	8.406	4.406	0.142	-0.119	0.052	0.243	0.069
86.100	94.168	63.060	63.395	63.200	63.012	63.163	22.55	8.558	8.223	8.418	8.606	8.455	12.346	8.346	4.346	0.212	-0.123	0.072	0.260	0.109
86.525	94.189	63.087	63.409	63.314	63.050	63.201	22.60	8.502	8.180	8.275	8.539	8.388	12.287	8.287	4.287	0.215	-0.107	-0.012	0.252	0.101
86.950	94.188	63.178	63.469	63.352	63.122	63.271	22.65	8.360	8.069	8.186	8.416	8.267	12.227	8.227	4.227	0.133	-0.158	-0.041	0.189	0.040
87.375	94.172	63.191	63.472	63.392	63.146	63.236	22.80	8.181	7.900	7.980	8.226	8.136	12.168	8.168	4.168	0.013	-0.268	-0.188	0.058	-0.032
87.800	94.153	63.107	63.418	63.365	63.082	63.202	22.90	8.146	7.835	7.888	8.171	8.051	12.108	8.108	4.108	0.038	-0.273	-0.220	0.063	-0.057
88.225	94.114	62.982	63.276	63.293	62.967	63.083	23.07	8.065	7.771	7.754	8.080	7.964	12.049	8.049	4.049	0.017	-0.277	-0.294	0.032	-0.084
88.650	94.072	62.785	63.009	63.075	62.785	62.884	23.13	8.154	7.930	7.864	8.154	8.055	11.989	7.989	3.989	0.165	-0.059	-0.125	0.165	0.066
89.075	94.062	62.631	62.837	62.982	62.594	62.670	23.28	8.156	7.950	7.805	8.193	8.117	11.930	7.930	3.930	0.226	0.020	-0.125	0.263	0.187
89.500	94.100	62.540	62.740	62.951	62.561	62.619	23.35	8.210	8.010	7.799	8.189	8.131	11.870	7.870	3.870	0.340	0.140	-0.071	0.319	0.261
89.925	94.141	62.624	62.769	63.029	62.671	62.722	23.43	8.092	7.947	7.687	8.045	7.994	11.811	7.811	3.811	0.282	0.137	-0.123	0.235	0.184
90.350	94.146	62.728	62.848	63.133	62.738	62.806	23.57	7.851	7.731	7.446	7.841	7.773	11.762	7.762	3.762	0.090	-0.030	-0.315	0.080	0.012
90.775	94.122	62.704	62.834	63.168	62.795	62.836	23.63	7.785	7.655	7.321	7.694	7.653	11.715	7.715	3.715	0.070	-0.060	-0.394	-0.021	-0.062
91.200	94.067	62.730	62.754	63.103	62.709	62.766	23.80	7.537	7.513	7.164	7.558	7.501	11.668	7.668	3.668	-0.131	-0.155	-0.504	-0.110	-0.167
91.625	93.947	62.413	62.510	62.895	62.469	62.583	23.90	7.634	7.537	7.152	7.578	7.464	11.621	7.621	3.621	0.013	-0.084	-0.469	-0.043	-0.157
92.050	93.766	62.047	62.089	62.526	62.090	62.166	24.08	7.644	7.602	7.165	7.601	7.525	11.575	7.575	3.575	0.070	0.028	-0.409	0.027	-0.049
92.475	93.573	61.589	61.661	62.126	61.661	61.779	24.15	7.834	7.762	7.297	7.762	7.644	11.528	7.528	3.528	0.306	0.234	-0.231	0.234	0.116
92.900	93.440	61.388	61.333	61.855	61.397	61.473	24.23	7.827	7.882	7.360	7.818	7.742	11.481	7.481	3.481	0.346	0.401	-0.121	0.337	0.261
93.325	93.469	61.346	61.273	61.866	61.371	61.518	24.37	7.756	7.829	7.236	7.731	7.584	11.434	7.434	3.434	0.322	0.395	-0.198	0.297	0.150
93.750	93.581	61.475	61.369	61.911	61.509	61.625	24.43	7.673	7.779	7.237	7.639	7.523	11.388	7.388	3.388	0.285	0.391	-0.151	0.251	0.135
94.175	93.712	61.662	61.530	62.131	61.607	61.735	24.60	7.450	7.582	6.981	7.505	7.377	11.341	7.341	3.341	0.109	0.241	-0.360	0.164	0.036
94.600	93.841	61.829	61.665	62.262	61.786	61.890	24.70	7.312	7.476	6.879	7.355	7.251	11.294	7.294	3.294	0.018	0.182	-0.415	0.061	-0.043
95.025	93.934	61.888	61.746	62.360	61.844	61.992	24.88	7.171	7.313	6.699	7.215	7.067	11.247	7.247	3.247	-0.076	0.066	-0.548	-0.032	-0.180
95.450	93.962	61.854	61.733	62.285	61.802	61.945	24.95	7.158	7.279	6.727	7.210	7.067	11.201	7.201	3.201	-0.042	0.079	-0.473	0.010	-0.133
95.875	93.943	61.792	61.563	62.151	61.724	61.803	25.03	7.126	7.355	6.767	7.194	7.115	11.154	7.154	3.154	-0.028	0.201	-0.387	0.040	-0.039
96.300	93.882	61.545	61.371	61.946	61.527	61.589	25.20	7.137	7.311	6.736	7.155	7.093	11.107	7.107	3.107	0.030	0.204	-0.371	0.048	-0.014
96.725	93.768	61.408	61.191	61.791	61.383	61.406	25.30	7.060	7.277	6.677	7.085	7.062	11.060	7.060	3.060	0.000	0.217	-0.383	0.025	0.002
97.150	93.700	61.395	61.203	61.710	61.318	61.424	25.50	6.805	6.997	6.490	6.882	6.776	11.014	7.014	3.014	-0.209	-0.016	-0.523	-0.131	-0.237
97.575	93.772	61.496	61.214	61.766	61.399	61.517	25.60	6.676	6.958	6.406	6.773	6.655	10.967	6.967	2.967	-0.291	-0.009	-0.561	-0.194	-0.312
98.000	93.889	61.580	61.268	61.766	61.426	61.520	25.78	6.534	6.846	6.348	6.688	6.594	10.920	6.920	2.920	-0.386	-0.074	-0.572	-0.232	-0.326
98.425	93.990	61.527	61.239	61.749	61.419	61.514	25.85	6.613	6.901	6.391	6.721	6.626	10.873	6.873	2.873	-0.260	0.028	-0.482	-0.152	-0.247
98.850	94.031	61.460	61.152	61.685	61.300	61.429	25.93	6.646	6.954	6.421	6.806	6.677	10.827	6.827	2.827	-0.180	0.128	-0.405	-0.020	-0.149
99.275	94.031	61.312	60.963	61.499	61.164	61.194	26.07	6.652	7.001	6.465	6.800	6.770	10.780	6.780	2.780	-0.127	0.222	-0.314	0.021	-0.009
99.700	93.994	61.117	60.765	61.354	60.976	61.010	26.13	6.744	7.096	6.507	6.885	6.851	10.733	6.733	2.733	0.011	0.363	-0.226	0.152	0.118
100.125	93.917	61.054	60.654	61.156	60.876	60.902	26.31	6.555	6.955	6.453	6.733	6.707	10.689	6.689	2.689	-0.134	0.266	-0.236	0.044	0.018
100.550	93.820	61.026	60.662	61.130	60.931	60.878	26.42	6.379	6.743	6.275	6.474	6.527	10.653	6.653	2.653	-0.275	0.089	-0.379	-0.180	-0.127
100.975	93.771	61.197	60.747	61.128	60.964	60.922	26.52	6.051	6.501	6.120	6.284	6.326	10.617	6.617	2.617	-0.566	-0.116	-0.497	-0.333	-0.291
101.400	93.807	61.109	60.645	61.110	60.972	60.925	26.63	6.067	6.531	6.066	6.204	6.251	10.581	6.581	2.581	-0.514	-0.050	-0.515	-0.377	-0.330
101.825	93.867	61.016	60.667	61.059	60.928	60.829	26.74	6.113	6.462	6.070	6.201	6.300	10.545	6.545	2.545	-0.432	-0.083	-0.475	-0.344	-0.245
102.250	93.903	60.905	60.481	60.929	60.785	60.660	26.85	6.152	6.576	6.128	6.272	6.397	10.509	6.509	2.509	-0.357	0.067	-0.381	-0.237	-0.112
102.675	93.923	60.726	60.291	60.763	60.646	60.459	26.95	6.243	6.678	6.206	6.323	6.510	10.473	6.473	2.473	-0.229	0.206	-0.266	-0.149	0.038
103.100	93.915	60.563	60.153	60.516	60.488	60.296	27.06	6.290	6.700	6.337	6.365	6.557	10.437	6.437	2.437	-0.146	0.264	-0.099	-0.071	0.121
103.525	93.906	60.453	60.040	60.414	60.485	60.222	27.17	6.283	6.696	6.322	6.251	6.514	10.400	6.400	2.400	-0.117	0.296	-0.078	-0.149	0.114
103.950	93.890	60.493	60.116	60.424	60.465	60.218	27.28	6.120	6.497	6.189	6.148	6.395	10.364	6.364	2.364	-0.245	0.132	-0.176	-0.217	0.030
104.375	93.873	60.518	60.131	60.537	60.540	60.276	27.39	5.970	6.357	5.951	5.948	6.212	10.328	6.328	2.328	-0.358	0.029	-0.377	-0.380	-0.116
104.800	93.883	60.557	60.141	60.539	60.523	60.226	27.49	5.833	6.250	5.851	5.867	6.165	10.292	6.292	2.292	-0.459	-0.043	-0.441	-0.425	-0.128
105.225	93.894	60.457	60.147	60.463	60.525	60.204	27.70	5.737	6.047	5.731	5.669	5.990	10.256	6.256	2.256	-0.519	-0.209	-0.525	-0.587	-0.266
105.650	93.894	60.317	59.953	60.352	60.371	60.072	27.80	5.777	6.141	5.742	5.723	6.022	10.220	6.220	2.220	-0.443	-0.079	-0.478	-0.497	-0.198
106.075	93.876	60.122	59.751	60.176	60.143	59.838	27.90	5.854	6.225	5.800	5.833	6.138	10.184	6.184	2.184	-0.330	0.041	-0.384	-0.351	-0.046
106.500	93.839	59.895	59.595	59.951	59.924	59.641	28.00	5.944	6.244	5.888	5.915	6.198	10.148	6.148	2.148	-0.204	0.096	-0.260	-0.233	0.051
106.925	93.791	59.753	59.444	59.825	59.763	59.461	28.10	5.938	6.247	5.866	5.928	6.230	10.111	6.111	2.111	-0.173	0.136	-0.245	-0.183	0.119
107.350	93.752	59.762	59.																	

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113.300	93.740	58.711	58.519	58.996	58.470	58.599	29.63	5.396	5.588	5.111	5.637	5.508	9.570	5.570	1.570	-0.174	0.018	-0.459	0.067	-0.062
113.725	93.733	58.577	58.423	58.917	58.353	58.525	29.73	5.431	5.585	5.091	5.655	5.483	9.533	5.533	1.533	-0.102	0.052	-0.442	0.122	-0.050
114.150	93.716	58.602	58.432	58.847	58.312	58.631	29.82	5.297	5.467	5.052	5.587	5.268	9.497	5.497	1.497	-0.200	-0.030	-0.445	0.090	-0.229
114.575	93.704	58.656	58.536	58.938	58.396	58.636	29.91	5.140	5.260	4.858	5.400	5.160	9.461	5.461	1.461	-0.321	-0.201	-0.603	-0.061	-0.301
115.000	93.699	58.747	58.591	58.940	58.440	58.754	30.08	4.875	5.031	4.682	5.182	4.868	9.425	5.425	1.425	-0.550	-0.394	-0.743	-0.243	-0.557
115.425	93.705	58.762	58.532	58.943	58.470	58.751	30.15	4.789	5.019	4.608	5.081	4.800	9.389	5.389	1.389	-0.600	-0.370	-0.781	-0.308	-0.589
115.850	93.708	58.691	58.544	58.862	58.435	58.732	30.23	4.786	4.933	4.615	5.042	4.745	9.353	5.353	1.353	-0.567	-0.420	-0.738	-0.311	-0.608
116.275	93.710	58.680	58.444	58.689	58.342	58.622	30.31	4.722	4.958	4.713	5.060	4.780	9.317	5.317	1.317	-0.594	-0.358	-0.603	-0.256	-0.536
116.700	93.698	58.420	58.264	58.541	58.163	58.523	30.38	4.893	5.049	4.772	5.150	4.790	9.281	5.281	1.281	-0.387	-0.231	-0.508	-0.130	-0.490
117.125	93.673	58.413	58.122	58.415	58.067	58.375	30.46	4.798	5.089	4.796	5.144	4.836	9.244	5.244	1.244	-0.446	-0.155	-0.448	-0.100	-0.408
117.550	93.647	58.378	58.127	58.368	58.086	58.402	30.54	4.731	4.982	4.741	5.023	4.707	9.208	5.208	1.208	-0.478	-0.227	-0.468	-0.186	-0.502
117.975	93.603	58.515	58.140	58.509	58.196	58.555	30.62	4.473	4.848	4.479	4.792	4.433	9.172	5.172	1.172	-0.700	-0.325	-0.694	-0.381	-0.740
118.400	93.584	58.528	58.197	58.472	58.247	58.597	30.69	4.364	4.695	4.420	4.645	4.295	9.136	5.136	1.136	-0.772	-0.441	-0.716	-0.491	-0.841
118.825	93.597	58.566	58.200	58.467	58.324	58.620	30.77	4.262	4.628	4.361	4.504	4.208	9.100	5.100	1.100	-0.838	-0.472	-0.739	-0.596	-0.892
119.250	93.617	58.450	58.121	58.337	58.123	58.538	30.85	4.321	4.650	4.434	4.648	4.233	9.064	5.064	1.064	-0.743	-0.414	-0.630	-0.416	-0.831
119.675	93.626	58.307	57.952	58.174	58.044	58.406	30.92	4.396	4.751	4.529	4.659	4.297	9.028	5.028	1.028	-0.632	-0.277	-0.499	-0.369	-0.731
120.100	93.630	58.147	57.756	58.064	57.857	58.266	31.06	4.421	4.812	4.504	4.711	4.302	8.993	4.993	0.993	-0.571	-0.180	-0.488	-0.281	-0.690
120.525	93.624	58.021	57.645	57.965	57.736	58.200	31.12	4.480	4.856	4.536	4.765	4.301	8.961	4.961	0.961	-0.481	-0.105	-0.425	-0.196	-0.660
120.950	93.605	58.087	57.726	57.910	57.673	58.219	31.18	4.333	4.694	4.510	4.747	4.201	8.929	4.929	0.929	-0.595	-0.234	-0.418	-0.181	-0.727
121.375	93.585	58.146	57.723	58.051	57.815	58.257	31.25	4.193	4.616	4.288	4.524	4.082	8.897	4.897	0.897	-0.704	-0.281	-0.609	-0.373	-0.815
121.800	93.568	58.246	57.819	58.021	57.850	58.390	31.31	4.014	4.441	4.239	4.410	3.870	8.865	4.865	0.865	-0.851	-0.424	-0.626	-0.455	-0.995
122.225	93.586	58.279	57.809	58.048	57.820	58.360	31.37	3.938	4.408	4.169	4.397	3.857	8.833	4.833	0.833	-0.895	-0.425	-0.664	-0.436	-0.976
122.650	93.608	58.198	57.786	58.037	57.749	58.365	31.43	3.979	4.391	4.140	4.428	3.812	8.801	4.801	0.801	-0.822	-0.410	-0.661	-0.373	-0.989
123.075	93.611	58.073	57.642	57.891	57.686	58.174	31.49	4.046	4.477	4.228	4.433	3.945	8.769	4.769	0.769	-0.724	-0.293	-0.542	-0.337	-0.825
123.500	93.607	57.919	57.502	57.629	57.422	58.065	31.55	4.134	4.551	4.424	4.631	3.988	8.738	4.738	0.738	-0.603	-0.186	-0.313	-0.106	-0.749
123.925	93.591	57.682	57.377	57.472	57.278	57.887	31.62	4.294	4.599	4.504	4.698	4.089	8.706	4.706	0.706	-0.412	-0.107	-0.202	-0.008	-0.617
124.350	93.565	57.596	57.361	57.414	57.186	57.863	31.68	4.292	4.527	4.474	4.702	4.025	8.674	4.674	0.674	-0.382	-0.147	-0.200	0.028	-0.649
124.775	93.543	57.665	57.435	57.536	57.223	57.933	31.74	4.140	4.370	4.269	4.582	3.872	8.642	4.642	0.642	-0.502	-0.272	-0.373	-0.060	-0.770
125.200	93.519	57.719	57.660	57.518	57.334	57.995	31.85	3.946	4.005	4.147	4.331	3.670	8.610	4.610	0.610	-0.664	-0.605	-0.463	-0.279	-0.940
125.625	93.520	57.747	57.700	57.603	57.329	58.032	31.91	3.865	3.912	4.009	4.283	3.580	8.578	4.578	0.578	-0.713	-0.666	-0.569	-0.295	-0.998
126.050	93.539	57.687	57.753	57.578	57.251	58.064	31.96	3.890	3.824	3.999	4.326	3.513	8.546	4.546	0.546	-0.656	-0.722	-0.547	-0.220	-1.033
126.475	93.557	57.632	57.616	57.451	57.183	57.952	32.02	3.910	3.926	4.091	4.359	3.590	8.514	4.514	0.514	-0.605	-0.589	-0.424	-0.156	-0.925
126.900	93.563	57.475	57.499	57.293	57.001	57.794	32.07	4.019	3.995	4.201	4.493	3.700	8.483	4.483	0.483	-0.464	-0.488	-0.282	0.010	-0.783
127.325	93.563	57.259	57.425	57.239	56.934	57.781	32.12	4.181	4.015	4.201	4.506	3.659	8.451	4.451	0.451	-0.270	-0.436	-0.250	0.055	-0.792
127.750	93.542	57.314	57.504	57.068	56.762	57.552	32.18	4.051	3.861	4.297	4.603	3.813	8.419	4.419	0.419	-0.368	-0.558	-0.122	0.184	-0.606
128.175	93.526	57.222	57.462	57.141	56.755	57.615	32.23	4.073	3.833	4.154	4.540	3.680	8.387	4.387	0.387	-0.314	-0.554	-0.233	0.153	-0.707
128.600	93.509	57.341	57.597	57.188	56.880	57.729	32.28	3.883	3.627	4.036	4.344	3.495	8.355	4.355	0.355	-0.472	-0.728	-0.319	-0.011	-0.860
129.025	93.499	57.455	57.605	57.150	56.971	57.819	32.34	3.706	3.556	4.011	4.190	3.342	8.323	4.323	0.323	-0.618	-0.768	-0.313	-0.134	-0.982
129.450	93.492	57.379	57.608	57.221	56.967	57.766	32.39	3.721	3.492	3.879	4.133	3.334	8.291	4.291	0.291	-0.571	-0.800	-0.413	-0.159	-0.958
129.875	93.473	57.267	57.553	57.049	56.874	57.714	32.45	3.760	3.474	3.978	4.153	3.313	8.259	4.259	0.259	-0.500	-0.786	-0.282	-0.107	-0.947
130.300	93.452	57.174	57.397	57.014	56.799	57.598	32.55	3.732	3.509	3.892	4.107	3.308	8.228	4.228	0.228	-0.496	-0.719	-0.336	-0.121	-0.920
130.725	93.434	56.923	57.269	56.888	56.671	57.579	32.59	3.919	3.573	3.954	4.171	3.263	8.196	4.196	0.196	-0.277	-0.623	-0.242	-0.025	-0.933
131.150	93.412	56.858	57.186	56.676	56.581	57.471	32.64	3.916	3.588	4.098	4.193	3.303	8.164	4.164	0.164	-0.248	-0.576	-0.066	0.029	-0.861
131.575	93.400	56.981	57.241	56.769	56.627	57.611	32.68	3.734	3.474	3.946	4.088	3.104	8.132	4.132	0.132	-0.397	-0.657	-0.185	-0.043	-1.027
132.000	93.420	57.113	57.402	56.837	56.849	57.683	32.73	3.576	3.287	3.852	3.840	3.006	8.100	4.100	0.100	-0.524	-0.813	-0.248	-0.260	-1.094
132.425	93.452	57.217	57.478	56.937	57.004	57.885	32.78	3.458	3.197	3.738	3.671	2.790	8.068	4.068	0.068	-0.610	-0.871	-0.330	-0.397	-1.278
132.850	93.482	57.292	57.542	56.913	56.980	57.906	32.82	3.367	3.117	3.746	3.679	2.753	8.036	4.036	0.036	-0.669	-0.919	-0.290	-0.357	-1.283
133.275	93.504	57.177	57.499	56.936	56.966	57.894	32.87	3.458	3.136	3.699	3.669	2.741	8.004	4.004	0.004	-0.547	-0.869	-0.306	-0.336	-1.264
133.700	93.501	57.290	57.362	56.845	56.895	57.809	32.92	3.296	3.224	3.741	3.691	2.777	7.973	3.973	-0.027	-0.677	-0.749	-0.232	-0.282	-1.196
134.125	93.486	56.953	57.282	56.693	56.666	57.614	32.96	3.571	3.242	3.831	3.858	2.910	7.941	3.941	-0.059	-0.369	-0.698	-0.109	-0.082	-1.030
134.550	93.448	56.837	57.074	56.566	56.591	57.529	33.01	3.603	3.366	3.874	3.849	2.911	7.909	3.909	-0.091	-0.305	-0.542	-0.034	-0.059	-0.997
134.975	93.392	56.830	57.060	56.593	56.600	57.509	33.05	3.508	3.278	3.745	3.738	2.829	7.877	3.877	-0.123	-0.369	-0.599	-0.132	-0.139	-1.048
135.400	93.347	57.024	57.147	56.726	56.672	57.700	33.13	3.190	3.067	3.488	3.542	2.514	7.845	3.845	-0.155	-0.655	-0.778	-0.357	-0.303	-1.331
135.825	93.325	57.031	57.306	56.822	56.790	57.721	33.17	3.127	2.852	3.336	3.368	2.437	7.813	3.813	-0.187	-0.686	-0.961	-0.477	-0.445	-1.376
136.250	93.354	57.090	57.395	56.813	56.837	57.720	33.20	3.064	2.759	3.341	3.317	2.434	7.781	3.781	-0.219	-0.717	-1.022	-0.440	-0.464	-1.347
136.675	93.395	57.107	57.269	56.815																

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143.050	93.295	56.647	56.938	56.711	56.537	57.158	33.75	2.902	2.611	2.838	3.012	2.391	7.317	3.317	-0.683	-0.415
143.475	93.298	56.656	56.948	56.689	56.577	57.108	33.78	2.865	2.573	2.832	2.944	2.413	7.292	3.292	-0.709	-0.426
143.900	93.316	56.683	56.912	56.705	56.470	57.083	33.81	2.825	2.596	2.803	3.038	2.425	7.266	3.266	-0.734	-0.441
144.325	93.317	56.428	56.771	56.529	56.375	57.002	33.84	3.051	2.708	2.950	3.104	2.477	7.241	3.241	-0.760	-0.463
144.750	93.300	56.398	56.664	56.389	56.217	56.898	33.87	3.033	2.767	3.042	3.214	2.533	7.215	3.215	-0.785	-0.486
145.175	93.283	56.289	56.649	56.260	56.242	56.819	33.93	3.063	2.703	3.092	3.110	2.533	7.190	3.190	-0.811	-0.509
145.600	93.243	56.438	56.822	56.357	56.321	56.860	33.96	2.843	2.459	2.924	2.960	2.421	7.164	3.164	-0.836	-0.532
146.025	93.216	56.522	56.835	56.505	56.427	57.023	33.99	2.702	2.389	2.719	2.797	2.201	7.139	3.139	-0.862	-0.555
146.450	93.190	56.578	56.887	56.479	56.475	57.020	34.02	2.589	2.280	2.688	2.692	2.147	7.113	3.113	-0.887	-0.578
146.875	93.205	56.638	56.925	56.556	56.442	56.990	34.05	2.513	2.226	2.595	2.709	2.161	7.088	3.088	-0.913	-0.601
147.300	93.231	56.619	56.962	56.626	56.466	56.922	34.08	2.527	2.184	2.520	2.680	2.224	7.062	3.062	-0.938	-0.624
147.725	93.269	56.547	56.748	56.437	56.460	56.796	34.12	2.607	2.406	2.717	2.694	2.358	7.037	3.037	-0.964	-0.647
148.150	93.292	56.411	56.709	56.275	56.198	56.665	34.15	2.735	2.437	2.871	2.948	2.481	7.011	3.011	-0.989	-0.670
148.575	93.293	56.335	56.579	56.307	56.143	56.637	34.18	2.781	2.537	2.809	2.973	2.479	6.986	2.986	-1.015	-0.693
149.000	93.273	56.264	56.587	56.289	56.220	56.516	34.21	2.801	2.478	2.776	2.845	2.549	6.960	2.960	-1.040	-0.716
149.425	93.255	56.338	56.673	56.395	56.282	56.660	34.24	2.679	2.344	2.622	2.735	2.357	6.935	2.935	-1.066	-0.739
149.850	93.237	56.479	56.776	56.446	56.343	56.742	34.27	2.489	2.192	2.522	2.625	2.226	6.909	2.909	-1.091	-0.762
150.275	93.221	56.486	56.726	56.484	56.355	56.762	34.32	2.412	2.172	2.414	2.543	2.136	6.884	2.884	-1.117	-0.785
150.700	93.219	56.439	56.711	56.504	56.342	56.740	34.35	2.434	2.162	2.369	2.531	2.133	6.858	2.858	-1.142	-0.808
151.125	93.230	56.405	56.736	56.426	56.251	56.794	34.37	2.456	2.125	2.435	2.610	2.067	6.833	2.833	-1.168	-0.831
151.550	93.233	56.170	56.368	56.341	56.167	56.548	34.39	2.671	2.473	2.500	2.674	2.293	6.807	2.807	-1.193	-0.854
151.975	93.223	56.130	56.281	56.189	55.986	56.441	34.42	2.678	2.527	2.619	2.822	2.367	6.782	2.782	-1.219	-0.877
152.400	93.205	56.138	56.302	56.164	56.031	56.385	34.44	2.629	2.465	2.603	2.736	2.382	6.756	2.756	-1.244	-0.900
152.825	93.180	56.145	56.348	56.276	56.096	56.508	34.46	2.573	2.370	2.442	2.622	2.210	6.731	2.731	-1.270	-0.923
153.250	93.167	56.326	56.513	56.307	56.232	56.653	34.48	2.356	2.169	2.375	2.450	2.029	6.705	2.705	-1.295	-0.946
153.675	93.178	56.343	56.504	56.419	56.371	56.600	34.51	2.327	2.166	2.251	2.299	2.070	6.680	2.680	-1.321	-0.969
154.100	93.190	56.363	56.467	56.397	56.377	56.654	34.53	2.296	2.192	2.262	2.282	2.005	6.654	2.654	-1.346	-0.992
154.525	93.202	56.310	56.435	56.206	56.264	56.582	34.55	2.338	2.213	2.442	2.384	2.066	6.629	2.629	-1.372	-1.015
154.950	93.210	56.160	56.332	56.162	56.181	56.499	34.58	2.473	2.301	2.471	2.452	2.134	6.603	2.603	-1.397	-1.038
155.375	93.202	56.087	56.313	56.055	56.053	56.410	34.63	2.490	2.264	2.522	2.524	2.167	6.578	2.578	-1.423	-1.061
155.800	93.180	56.105	56.212	56.176	55.999	56.383	34.65	2.425	2.318	2.354	2.531	2.147	6.552	2.552	-1.448	-1.084
156.225	93.158	56.079	56.271	56.154	56.129	56.474	34.68	2.404	2.212	2.329	2.354	2.009	6.527	2.527	-1.474	-1.107
156.650	93.136	56.244	56.413	56.293	56.250	56.562	34.70	2.192	2.023	2.143	2.186	1.874	6.501	2.501	-1.499	-1.130
157.075	93.139	56.321	56.442	56.427	56.300	56.670	34.73	2.093	1.972	1.987	2.114	1.744	6.476	2.476	-1.525	-1.153
157.500	93.157	56.332	56.498	56.431	56.332	56.688	34.75	2.075	1.909	1.976	2.075	1.719	6.450	2.450	-1.550	-1.176
157.925	93.166	56.363	56.406	56.408	56.337	56.597	34.78	2.028	1.985	1.983	2.054	1.794	6.425	2.425	-1.576	-1.199
158.350	93.174	56.238	56.275	56.307	56.220	56.493	34.80	2.136	2.099	2.067	2.154	1.881	6.399	2.399	-1.601	-1.222
158.775	93.166	56.170	56.184	56.260	56.219	56.460	34.83	2.171	2.157	2.081	2.122	1.881	6.374	2.374	-1.627	-1.245
159.200	93.146	56.139	56.125	56.281	56.114	56.479	34.85	2.157	2.171	2.015	2.182	1.817	6.348	2.348	-1.652	-1.268
159.625	93.125	56.162	56.237	56.256	56.168	56.424	34.88	2.088	2.013	1.994	2.082	1.826	6.323	2.323	-1.678	-1.291
160.050	93.088	56.198	56.267	56.429	56.256	56.394	34.93	1.959	1.890	1.728	1.901	1.763	6.297	2.297	-1.703	-1.314
160.475	93.075	56.356	56.372	56.419	56.389	56.452	34.96	1.757	1.741	1.694	1.724	1.661	6.274	2.274	-1.726	-1.337
160.900	93.091	56.426	56.313	56.458	56.319	56.388	34.99	1.673	1.786	1.641	1.780	1.711	6.251	2.251	-1.750	-1.360
161.325	93.113	56.227	56.307	56.385	56.218	56.367	35.02	1.863	1.783	1.705	1.872	1.723	6.227	2.227	-1.773	-1.383
161.750	93.126	56.199	56.171	56.493	56.037	56.302	35.05	1.873	1.901	1.579	2.035	1.770	6.204	2.204	-1.796	-1.406
162.175	93.116	56.023	56.147	56.259	56.008	56.167	35.08	2.008	1.884	1.772	2.023	1.864	6.180	2.180	-1.820	-1.429
162.600	93.096	56.031	56.004	56.081	55.892	56.086	35.12	1.950	1.977	1.900	2.089	1.895	6.157	2.157	-1.843	-1.452
163.025	93.072	56.035	56.057	56.108	55.972	56.141	35.15	1.891	1.869	1.818	1.954	1.785	6.134	2.134	-1.866	-1.475
163.450	93.040	56.152	56.126	56.165	55.987	56.294	35.18	1.711	1.737	1.698	1.876	1.569	6.110	2.110	-1.890	-1.498
163.875	93.022	56.177	56.177	56.256	56.043	56.217	35.21	1.637	1.637	1.558	1.771	1.597	6.087	2.087	-1.913	-1.521
164.300	93.020	56.225	56.239	56.261	56.125	56.236	35.24	1.557	1.543	1.521	1.657	1.546	6.064	2.064	-1.937	-1.544
164.725	93.044	56.173	56.220	56.220	55.979	56.199	35.27	1.602	1.555	1.555	1.796	1.576	6.040	2.040	-1.960	-1.567
165.150	93.085	55.994	56.012	56.081	55.948	56.065	35.33	1.760	1.742	1.673	1.806	1.689	6.017	2.017	-1.983	-1.590
165.575	93.105	55.898	55.864	55.942	55.758	55.904	35.36	1.845	1.879	1.801	1.985	1.839	5.993	1.993	-2.007	-1.613
166.000	93.098	55.818	55.902	55.953	55.692	55.801	35.39	1.888	1.804	1.753	2.014	1.905	5.970	1.970	-2.030	-1.636
166.425	93.075	55.943	55.789	55.931	55.722	55.805	35.42	1.709	1.863	1.721	1.930	1.847	5.947	1.947	-2.053	-1.659
166.850	93.048	55.937	55.820	55.941	55.849	55.884	35.45	1.657	1.774	1.653	1.745	1.710	5.923	1.923	-2.077	-1.682
167.275	93.012	56.044	55.980	55.939	55.916	55.879	35.48	1.483	1.547	1.588	1.611	1.648	5.900	1.900	-2.100	-1.705
167.700	92.992	56.055	56.004	55.958	56.006	55.896	35.52	1.422	1.473	1.519	1.471	1.581	5.877	1.877	-2.124	-1.728
168.125	92.995	56.030	55.923	56.016	55.998	55.849	35.55	1.419	1.526	1.433	1.451	1.600	5.853	1.853	-2.147	-1.751
168.550	93.019	55.961	55.833	55.878	55.933	55.851	35.58	1.481	1.609	1.564	1.509	1.591	5.830	1.830	-2.170	-1.774
168.975	93.049	55.882	55.670	55.797	55.770	55.679	35.61	1.559	1.771	1.644	1.671	1.762	5.806	1.806	-2.194	-1.797
169.400	93.061	55.786	55.606	55.773	55.771	55.617	35.64	1.637	1.817	1.650	1.652	1.806	5.783	1.783	-2.217	-1.820
169.825	93.058	55.773	55.626	55.701	55.833	55.575	35.67	1.616	1.763	1.688	1.556	1.814	5.760	1.760	-2.240	-1.843
170.250	93.029	55.826	55.707	55.778	55.881	55.666	35.72	1.480	1.599	1.528	1.425	1.640	5.736	1.736	-2.264	-1.866
170.675	93.003	55.975	55.718	55.926	56.004	55.724	35.75	1.282	1.539	1.331	1.253	1.533	5.713	1.713	-2.287	-1.889
171.100	92.976	55.974	55.832	55.931	56.050	55.751	35.77	1.233	1.375	1.276	1.1					

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172.800	93.029	55.736	55.460	55.788	55.849	55.391	35.86	1.431	1.707	1.318	1.776	5.596	1.596	-2.404	-0.165	0.111	-0.217	-0.278	0.180	
173.225	93.031	55.629	55.457	55.725	55.823	55.471	35.88	1.517	1.689	1.421	1.323	1.675	5.573	1.573	-2.427	-0.055	0.117	-0.151	-0.249	0.103
173.650	93.022	55.674	55.442	55.760	55.836	55.484	35.91	1.440	1.672	1.354	1.278	1.630	5.549	1.549	-2.451	-0.109	0.123	-0.195	-0.271	0.081
174.075	92.994	55.671	55.471	55.844	55.925	55.536	35.93	1.392	1.592	1.219	1.138	1.527	5.526	1.526	-2.474	-0.134	0.066	-0.307	-0.388	0.001
174.500	92.969	55.775	55.511	55.873	55.958	55.569	35.95	1.240	1.504	1.142	1.057	1.446	5.503	1.503	-2.498	-0.262	0.002	-0.360	-0.445	-0.056
174.925	92.942	55.730	55.549	55.863	55.902	55.506	35.98	1.235	1.416	1.102	1.063	1.459	5.479	1.479	-2.521	-0.244	-0.063	-0.377	-0.416	-0.020
175.350	92.917	55.643	55.397	55.790	55.872	55.401	36.03	1.241	1.487	1.094	1.012	1.483	5.456	1.456	-2.544	-0.215	0.031	-0.362	-0.444	0.027
175.775	92.899	55.564	55.268	55.705	55.793	55.300	36.07	1.268	1.564	1.127	1.039	1.532	5.432	1.432	-2.568	-0.164	0.132	-0.305	-0.393	0.100
176.200	92.904	55.543	55.192	55.640	55.612	55.203	36.10	1.261	1.612	1.164	1.192	1.601	5.409	1.409	-2.591	-0.148	0.203	-0.245	-0.217	0.192
176.625	92.922	55.451	55.125	55.644	55.678	55.191	36.13	1.338	1.664	1.145	1.111	1.598	5.386	1.386	-2.614	-0.048	0.278	-0.241	-0.275	0.212
177.050	92.933	55.497	55.175	55.660	55.655	55.273	36.17	1.269	1.591	1.106	1.111	1.493	5.362	1.362	-2.638	-0.093	0.229	-0.256	-0.251	0.131
177.475	92.922	55.578	55.262	55.738	55.663	55.263	36.20	1.144	1.460	0.984	1.059	1.459	5.339	1.339	-2.661	-0.195	0.121	-0.355	-0.280	0.120
177.900	92.923	55.628	55.340	55.748	55.740	55.322	36.23	1.062	1.350	0.942	0.950	1.368	5.316	1.316	-2.685	-0.254	0.034	-0.374	-0.366	0.052
178.325	92.933	55.590	55.339	55.790	55.785	55.310	36.27	1.076	1.327	0.876	0.881	1.356	5.292	1.292	-2.708	-0.216	0.035	-0.416	-0.411	0.064
178.750	92.945	55.575	55.227	55.735	55.682	55.375	36.30	1.070	1.418	0.910	0.963	1.270	5.269	1.269	-2.731	-0.199	0.149	-0.359	-0.306	0.001
179.175	92.941	55.464	55.188	55.601	55.535	55.303	36.33	1.144	1.420	1.007	1.073	1.305	5.245	1.245	-2.755	-0.102	0.174	-0.239	-0.173	0.059
179.600	92.919	55.410	55.073	55.594	55.398	55.208	36.37	1.142	1.479	0.958	1.154	1.344	5.222	1.222	-2.778	-0.080	0.257	-0.264	-0.068	0.122
180.025	92.888	55.375	55.016	55.417	55.333	55.220	36.43	1.082	1.441	1.040	1.124	1.237	5.199	1.199	-2.801	-0.117	0.242	-0.159	-0.075	0.038
180.450	92.870	55.404	55.128	55.407	55.434	55.224	36.46	1.004	1.280	1.001	0.974	1.184	5.180	1.180	-2.820	-0.175	0.101	-0.178	-0.205	0.005
180.875	92.863	55.536	55.172	55.470	55.487	55.307	36.49	0.835	1.199	0.901	0.884	1.064	5.161	1.161	-2.839	-0.326	0.038	-0.260	-0.277	-0.097
181.300	92.851	55.619	55.255	55.503	55.565	55.442	36.52	0.709	1.073	0.825	0.763	0.886	5.142	1.142	-2.859	-0.433	-0.069	-0.317	-0.379	-0.256
181.725	92.849	55.738	55.286	55.604	55.513	55.449	36.55	0.557	1.009	0.691	0.782	0.846	5.122	1.122	-2.878	-0.565	-0.113	-0.431	-0.340	-0.276
182.150	92.866	55.690	55.186	55.482	55.432	55.396	36.58	0.591	1.095	0.799	0.849	0.885	5.103	1.103	-2.897	-0.512	-0.008	-0.304	-0.254	-0.218
182.575	92.896	55.543	55.093	55.375	55.346	55.373	36.62	0.738	1.188	0.906	0.935	0.908	5.084	1.084	-2.916	-0.347	0.103	-0.179	-0.150	-0.177
183.000	92.919	55.457	55.016	55.273	55.229	55.240	36.65	0.816	1.257	1.000	1.044	1.033	5.065	1.065	-2.935	-0.249	0.192	-0.065	-0.021	-0.032
183.425	92.903	55.512	55.110	55.199	55.183	55.259	36.68	0.714	1.116	1.027	1.043	0.967	5.046	1.046	-2.954	-0.332	0.070	-0.019	-0.003	-0.079
183.850	92.882	55.719	55.067	55.274	55.296	55.296	36.71	0.455	1.107	0.900	0.878	0.878	5.027	1.027	-2.973	-0.571	0.081	-0.126	-0.148	-0.148
184.275	92.860	55.695	55.134	55.461	55.473	55.417	36.74	0.427	0.988	0.661	0.649	0.705	5.008	1.008	-2.992	-0.581	-0.020	-0.347	-0.359	-0.303
184.700	92.858	55.817	55.200	55.507	55.531	55.533	36.77	0.272	0.889	0.582	0.558	0.556	4.989	0.989	-3.012	-0.717	-0.100	-0.407	-0.431	-0.433
185.125	92.851	55.950	55.370	55.586	55.598	55.604	36.83	0.070	0.650	0.434	0.422	0.416	4.969	0.969	-3.031	-0.899	-0.319	-0.535	-0.547	-0.553
185.550	92.844	55.919	55.268	55.561	55.481	55.589	36.86	0.063	0.714	0.421	0.501	0.393	4.950	0.950	-3.050	-0.887	-0.236	-0.529	-0.449	-0.557
185.975	92.834	55.851	55.209	55.526	55.401	55.528	36.89	0.091	0.733	0.416	0.541	0.414	4.931	0.931	-3.069	-0.840	-0.198	-0.515	-0.390	-0.517
186.400	92.830	55.695	55.165	55.402	55.317	55.478	36.92	0.212	0.742	0.505	0.590	0.429	4.912	0.912	-3.088	-0.700	-0.170	-0.407	-0.322	-0.483
186.825	92.813	55.520	54.960	55.349	55.264	55.237	36.95	0.339	0.899	0.510	0.595	0.622	4.893	0.893	-3.107	-0.554	0.006	-0.383	-0.298	-0.271
187.250	92.789	55.521	54.909	55.284	55.151	55.322	36.98	0.283	0.895	0.520	0.653	0.482	4.874	0.874	-3.126	-0.590	0.022	-0.353	-0.220	-0.391
187.675	92.748	55.547	55.004	55.448	55.246	55.365	37.02	0.186	0.729	0.285	0.487	0.368	4.855	0.855	-3.145	-0.669	-0.126	-0.570	-0.368	-0.487
188.100	92.730	55.654	55.148	55.554	55.409	55.575	37.05	0.030	0.536	0.130	0.275	0.109	4.836	0.836	-3.165	-0.806	-0.300	-0.706	-0.561	-0.727
188.525	92.766	55.829	55.242	55.712	55.479	55.617	37.08	-0.140	0.447	-0.023	0.210	0.072	4.816	0.816	-3.184	-0.956	-0.369	-0.839	-0.606	-0.744
188.950	92.813	55.822	55.428	55.769	55.520	55.595	37.11	-0.117	0.277	-0.064	0.185	0.110	4.797	0.797	-3.203	-0.914	-0.520	-0.861	-0.612	-0.687
189.375	92.858	55.853	55.435	55.709	55.535	55.755	37.14	-0.133	0.285	0.011	0.185	-0.035	4.778	0.778	-3.222	-0.912	-0.494	-0.768	-0.594	-0.814
189.800	92.899	55.734	55.397	55.675	55.572	55.600	37.17	-0.004	0.333	0.055	0.158	0.130	4.759	0.759	-3.241	-0.763	-0.426	-0.704	-0.601	-0.629
190.225	92.914	55.777	55.400	55.579	55.444	55.497	37.22	-0.086	0.291	0.112	0.247	0.194	4.740	0.740	-3.260	-0.826	-0.449	-0.628	-0.493	-0.546
190.650	92.902	55.648	55.292	55.470	55.386	55.434	37.25	0.008	0.364	0.186	0.270	0.222	4.721	0.721	-3.279	-0.713	-0.357	-0.535	-0.451	-0.499
191.075	92.867	55.553	55.266	55.453	55.311	55.476	37.27	0.045	0.332	0.145	0.287	0.122	4.702	0.702	-3.298	-0.657	-0.370	-0.557	-0.415	-0.580
191.500	92.805	55.504	55.264	55.419	55.210	55.557	37.29	0.009	0.249	0.094	0.303	-0.044	4.683	0.683	-3.318	-0.674	-0.434	-0.589	-0.380	-0.727
191.925	92.742	55.698	55.332	55.416	55.157	55.440	37.32	-0.271	0.095	0.011	0.270	-0.013	4.663	0.663	-3.337	-0.935	-0.569	-0.653	-0.394	-0.677
192.350	92.741	55.622	55.413	55.496	55.220	55.480	37.34	-0.219	-0.010	-0.093	0.183	-0.077	4.644	0.644	-3.356	-0.864	-0.655	-0.738	-0.462	-0.722
192.775	92.768	55.567	55.414	55.336	55.199	55.442	37.36	-0.161	-0.008	0.070	0.207	-0.036	4.625	0.625	-3.375	-0.786	-0.633	-0.555	-0.418	-0.661
193.200	92.807	55.487	55.379	55.248	55.097	55.413	37.38	-0.065	0.043	0.174	0.325	0.009	4.606	0.606	-3.394	-0.671	-0.563	-0.432	-0.281	-0.597
193.625	92.828	55.425	55.404	55.231	55.041	55.462	37.41	-0.005	0.016	0.189	0.379	-0.042	4.587	0.587	-3.413	-0.592	-0.571	-0.398	-0.208	-0.629
194.050	92.837	55.369	55.471	55.137	54.976	55.300	37.43	0.037	-0.065	0.269	0.430	0.106	4.568	0.568	-3.432	-0.531	-0.633	-0.299	-0.138	-0.462
194.475	92.830	55.404	55.441	55.097	54.981	55.323	37.45	-0.028	-0.065	0.279	0.395	0.053	4.549	0.549	-3.451	-0.576	-0.613	-0.269	-0.153	-0.495
194.900	92.797	55.434	55.550	55.107	54.998	55.382	37.48	-0.114	-0.230	0.213	0.322	-0.062	4.530	0.530	-3.471	-0.643	-0.759	-0.316	-0.207	-0.591
195.325	92.752	55.458	55.568	55.097	55.026	55.358	37.53	-0.239	-0.349	0.122	0.193	-0.139	4.510	0.510	-3.490	-0.750	-0.860	-0.389	-0.318	-0.650
195.750	92.711	55.381	55.490	55.010	54.886	55.377	37.57	-0.237	-0.346	0.134	0.258	-0.233	4.491	0.491	-3.509	-0.728	-0.837	-0.357	-0.233	-0.724
196.175	92.727	55.343	55.481	54.991	54.884															

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212.000	92.457	71.569	71.937	71.580	71.113	71.291	21.73	-0.845	-1.213	-0.856	-0.389	-0.567	3.820	-0.180	-4.180	-0.665	-1.033	-0.676	-0.209	-0.387
214.000	92.440	71.693	72.275	71.784	71.514	71.786	21.57	-0.820	-1.402	-0.911	-0.641	-0.913	3.740	-0.260	-4.260	-0.560	-1.142	-0.651	-0.381	-0.653
216.000	92.425	71.758	72.488	71.876	71.714	72.108	21.30	-0.633	-1.363	-0.751	-0.589	-0.983	3.660	-0.340	-4.340	-0.293	-1.023	-0.411	-0.249	-0.643
218.000	92.412	71.991	72.762	72.126	71.960	72.391	21.20	-0.779	-1.550	-0.914	-0.748	-1.179	3.580	-0.420	-4.420	-0.359	-1.130	-0.494	-0.328	-0.759
220.000	92.388	72.109	72.889	72.260	72.067	72.471	21.10	-0.821	-1.601	-0.972	-0.779	-1.183	3.500	-0.500	-4.500	-0.321	-1.101	-0.472	-0.279	-0.683
222.000	92.414	72.289	73.068	72.421	72.209	72.590	21.07	-0.942	-1.721	-1.074	-0.862	-1.243	3.420	-0.580	-4.580	-0.362	-1.141	-0.494	-0.282	-0.663
224.000	92.385	72.246	73.049	72.387	72.161	72.545	21.03	-0.894	-1.697	-1.035	-0.809	-1.193	3.340	-0.660	-4.660	-0.234	-1.037	-0.375	-0.149	-0.533
226.000	92.388	72.321	73.174	72.482	72.269	72.539	21.10	-1.033	-1.886	-1.194	-0.981	-1.251	3.260	-0.740	-4.740	-0.293	-1.146	-0.454	-0.241	-0.511
228.000	92.341	72.268	73.109	72.417	72.200	72.463	21.20	-1.127	-1.968	-1.276	-1.059	-1.322	3.180	-0.820	-4.820	-0.307	-1.148	-0.456	-0.239	-0.502
230.000	92.311	72.230	73.092	72.404	72.124	72.459	21.30	-1.219	-2.081	-1.393	-1.113	-1.448	3.100	-0.900	-4.900	-0.319	-1.181	-0.493	-0.213	-0.548
232.000	92.294	72.138	73.012	72.267	72.017	72.311	21.40	-1.244	-2.118	-1.373	-1.123	-1.417	3.020	-0.980	-4.980	-0.264	-1.138	-0.393	-0.143	-0.437
234.000	92.275	72.097	72.986	72.262	71.984	72.258	21.50	-1.322	-2.211	-1.487	-1.209	-1.483	2.940	-1.060	-5.060	-0.262	-1.151	-0.427	-0.149	-0.423
236.000	92.264	71.907	72.813	72.120	71.753	72.048	21.77	-1.410	-2.316	-1.623	-1.256	-1.551	2.860	-1.140	-5.140	-0.270	-1.176	-0.483	-0.116	-0.411
238.000	92.248	71.814	72.748	72.029	71.677	71.954	21.93	-1.499	-2.433	-1.714	-1.362	-1.639	2.780	-1.220	-5.220	-0.279	-1.213	-0.494	-0.142	-0.419
240.000	92.239	71.631	72.604	71.900	71.517	71.749	22.10	-1.492	-2.465	-1.761	-1.378	-1.610	2.700	-1.300	-5.300	-0.192	-1.165	-0.461	-0.078	-0.310
242.000	92.216	71.463	72.432	71.707	71.397	71.543	22.23	-1.480	-2.449	-1.724	-1.414	-1.560	2.620	-1.380	-5.380	-0.100	-1.069	-0.344	-0.034	-0.180
244.000	92.181	71.471	72.416	71.696	71.387	71.508	22.37	-1.657	-2.602	-1.882	-1.573	-1.694	2.540	-1.460	-5.460	-0.197	-1.142	-0.422	-0.113	-0.234
246.000	92.106	71.297	72.259	71.431	71.185	71.311	22.60	-1.791	-2.753	-1.925	-1.679	-1.805	2.460	-1.540	-5.540	-0.251	-1.213	-0.385	-0.139	-0.265
248.000	92.207	71.280	72.256	71.394	71.181	71.301	22.70	-1.773	-2.749	-1.887	-1.674	-1.794	2.380	-1.620	-5.620	-0.153	-1.129	-0.267	-0.054	-0.174
250.000	92.108	71.185	72.194	71.246	71.089	71.258	22.80	-1.877	-2.886	-1.938	-1.781	-1.950	2.300	-1.700	-5.700	-0.177	-1.186	-0.238	-0.081	-0.250
252.000	92.126	71.118	72.178	71.109	70.980	71.125	22.90	-1.892	-2.952	-1.883	-1.754	-1.899	2.236	-1.764	-5.764	-0.128	-1.188	-0.119	0.010	-0.135
254.000	92.105	71.016	72.029	71.011	70.778	70.941	23.00	-1.911	-2.924	-1.906	-1.673	-1.836	2.172	-1.828	-5.828	-0.083	-1.096	-0.078	0.155	-0.008
256.000	92.109	71.044	72.041	71.082	70.727	70.971	23.23	-2.168	-3.165	-2.206	-1.851	-2.095	2.108	-1.892	-5.892	-0.276	-1.273	-0.314	0.041	-0.203
258.000	92.048	70.841	71.815	70.961	70.505	70.826	23.37	-2.160	-3.134	-2.280	-1.824	-2.145	2.044	-1.956	-5.956	-0.204	-1.178	-0.324	0.132	-0.189
260.000	91.982	70.785	71.694	70.936	70.432	70.724	23.50	-2.303	-3.212	-2.454	-1.950	-2.242	1.980	-2.020	-6.020	-0.283	-1.192	-0.434	0.070	-0.222
262.000	92.091	70.747	71.642	70.912	70.411	70.786	23.63	-2.289	-3.184	-2.454	-1.953	-2.328	1.916	-2.084	-6.084	-0.205	-1.100	-0.370	0.131	-0.244
264.000	92.008	70.584	71.483	70.756	70.265	70.680	23.77	-2.343	-3.242	-2.515	-2.024	-2.439	1.852	-2.148	-6.148	-0.195	-1.094	-0.367	0.124	-0.291
266.000	91.961	70.385	71.316	70.521	70.093	70.606	24.03	-2.457	-3.388	-2.593	-2.165	-2.678	1.788	-2.212	-6.212	-0.245	-1.176	-0.381	0.047	-0.466
268.000	91.943	70.186	71.151	70.267	69.948	70.491	24.17	-2.410	-3.375	-2.491	-2.172	-2.715	1.724	-2.276	-6.276	-0.134	-1.099	-0.215	0.104	-0.439
270.000	91.909	69.988	70.903	69.982	69.837	70.320	24.30	-2.379	-3.294	-2.373	-2.228	-2.711	1.660	-2.340	-6.340	-0.039	-0.954	-0.033	0.112	-0.371
272.000	91.966	69.941	70.811	69.896	69.859	70.218	24.43	-2.408	-3.278	-2.363	-2.326	-2.685	1.596	-2.404	-6.404	-0.004	-0.874	0.041	0.078	-0.281
274.000	91.923	69.887	70.749	69.830	69.815	70.122	24.57	-2.531	-3.393	-2.474	-2.459	-2.766	1.532	-2.468	-6.468	-0.063	-0.925	-0.006	0.009	-0.298
276.000	91.930	69.805	70.611	69.752	69.673	69.906	24.80	-2.675	-3.481	-2.622	-2.543	-2.776	1.468	-2.532	-6.532	-0.143	-0.949	-0.090	-0.011	-0.244
278.000	91.844	69.787	70.587	69.742	69.588	69.874	24.90	-2.843	-3.643	-2.798	-2.644	-2.930	1.404	-2.596	-6.596	-0.247	-1.047	-0.202	-0.048	-0.334
280.000	91.860	69.682	70.524	69.700	69.416	69.734	25.00	-2.822	-3.664	-2.840	-2.556	-2.874	1.340	-2.660	-6.660	-0.162	-1.004	-0.180	0.104	-0.214
282.000	91.850	69.595	70.455	69.689	69.305	69.679	25.07	-2.812	-3.672	-2.906	-2.522	-2.896	1.276	-2.724	-6.724	-0.088	-0.948	-0.182	0.202	-0.172
284.000	91.832	69.582	70.475	69.703	69.302	69.682	25.13	-2.883	-3.776	-3.004	-2.603	-2.983	1.212	-2.788	-6.788	-0.095	-0.988	-0.216	0.185	-0.195
286.000	91.716	69.435	70.340	69.599	69.281	69.631	25.30	-3.019	-3.924	-3.183	-2.865	-3.215	1.148	-2.852	-6.852	-0.167	-1.072	-0.331	-0.013	-0.363
288.000	91.733	69.452	70.343	69.613	69.324	69.650	25.40	-3.119	-4.010	-3.280	-2.991	-3.317	1.084	-2.916	-6.916	-0.203	-1.094	-0.364	-0.075	-0.401
290.000	91.661	69.394	70.180	69.475	69.233	69.518	25.50	-3.233	-4.019	-3.314	-3.072	-3.357	1.020	-2.980	-6.980	-0.253	-1.039	-0.334	-0.092	-0.377
292.000	91.648	69.318	70.128	69.390	69.178	69.445	25.57	-3.237	-4.047	-3.309	-3.097	-3.364	0.956	-3.044	-7.044	-0.193	-1.003	-0.265	-0.053	-0.320
294.000	91.636	69.268	70.037	69.181	69.124	69.358	25.63	-3.265	-4.034	-3.178	-3.121	-3.355	0.892	-3.108	-7.108	-0.157	-0.926	-0.070	-0.013	-0.247
296.000	91.605	69.138	69.968	69.011	69.018	69.261	25.77	-3.300	-4.130	-3.173	-3.180	-3.423	0.828	-3.172	-7.172	-0.128	-0.958	-0.001	-0.008	-0.251
298.000	91.605	69.018	69.953	68.956	68.963	69.211	25.83	-3.246	-4.181	-3.184	-3.191	-3.439	0.764	-3.236	-7.236	-0.010	-0.945	0.052	0.045	-0.203
300.000	91.567	68.759	69.857	68.861	68.743	69.083	25.90	-3.092	-4.190	-3.194	-3.076	-3.416	0.700	-3.300	-7.300	0.208	-0.890	0.106	0.224	-0.116
302.000	91.487	68.570	69.722	68.745	68.610	68.895	26.00	-3.083	-4.235	-3.258	-3.123	-3.408	0.650	-3.350	-7.350	0.267	-0.885	0.092	0.227	-0.058
304.000	91.527	68.536	69.657	68.802	68.547	68.728	26.10	-3.109	-4.230	-3.375	-3.120	-3.301	0.600	-3.400	-7.400	0.291	-0.830	0.025	0.280	0.099
306.000	91.492	68.492	69.586	68.724	68.468	68.653	26.30	-3.300	-4.394	-3.532	-3.276	-3.461	0.550	-3.450	-7.450	0.150	-0.944	-0.082	0.174	-0.011
308.000	91.485	68.517	69.508	68.673	68.384	68.674	26.40	-3.432	-4.423	-3.588	-3.299	-3.589	0.500	-3.500	-7.500	0.068	-0.923	-0.088	0.201	-0.089
310.000	91.430	68.472	69.429	68.647	68.370	68.635	26.50	-3.542	-4.499	-3.717	-3.440	-3.705	0.450	-3.550	-7.550	0.008	-0.949	-0.167	0.110	-0.155
312.000	91.481	68.538	69.481	68.690	68.412	68.591	26.57	-3.624	-4.567	-3.776	-3.498	-3.677	0.400	-3.600	-7.600	-0.024	-0.967	-0.176	0.102	-0.077
314.000	91.393	68.449	69.386	68.574	68.327	68.485	26.63	-3.689	-4.626	-3.814	-3.567	-3.725	0.350	-3.650	-7.650	-0.039	-0.976	-0.164	0.083	-0.075
316.000	91.380	68.437	69.380	68.533	68.323	68.455	26.77	-3.824	-4.767	-3.920	-3.710	-3.842	0.300	-3.700	-7.700	-0.124	-1.067	-0.220	-0.010	-0.142
318.000	91.437	68.430	69.362	68.494	68.370	68.426	26.83	-3.826	-4.758	-3.890	-3.766	-3.822	0.250	-3.750	-7.750	-0.076	-1.008	-0.140	-0.016	-0.072
320.000	91.329	68.270	69.219	68.323	68.263	68.305	26.90	-3.841	-4.790	-3.894	-3.834	-3.876	0.200	-3						

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352.000	91.123	67.974	68.624	68.085	67.817	68.022	28.17	-5.018	-5.668	-5.129	-4.861	-5.066	-0.600	-4.600	-8.600	-0.418	-1.068	-0.529	-0.261	-0.466
354.000	91.221	68.119	68.655	68.136	67.961	68.147	28.23	-5.131	-5.667	-5.148	-4.973	-5.159	-0.650	-4.650	-8.650	-0.481	-1.017	-0.498	-0.323	-0.509
356.000	91.102	67.980	68.494	67.966	67.816	67.986	28.37	-5.245	-5.759	-5.231	-5.081	-5.251	-0.700	-4.700	-8.700	-0.545	-1.059	-0.531	-0.381	-0.551
358.000	91.106	67.938	68.508	67.955	67.779	67.990	28.43	-5.265	-5.835	-5.282	-5.106	-5.317	-0.750	-4.750	-8.750	-0.515	-1.085	-0.532	-0.356	-0.567
360.000	91.126	67.845	68.546	67.925	67.607	67.926	28.50	-5.219	-5.920	-5.299	-4.981	-5.300	-0.800	-4.800	-8.800	-0.419	-1.120	-0.499	-0.181	-0.500
362.000	91.156	67.887	68.583	67.974	67.635	67.978	28.57	-5.298	-5.994	-5.385	-5.046	-5.389	-0.850	-4.850	-8.850	-0.448	-1.144	-0.535	-0.196	-0.539
364.000	90.973	67.566	68.425	67.682	67.352	67.752	28.63	-5.226	-6.085	-5.342	-5.012	-5.412	-0.900	-4.900	-8.900	-0.326	-1.185	-0.442	-0.112	-0.512
366.000	90.965	67.455	68.422	67.600	67.271	67.667	28.77	-5.257	-6.224	-5.402	-5.073	-5.469	-0.950	-4.950	-8.950	-0.307	-1.274	-0.452	-0.123	-0.519
368.000	91.128	67.509	68.487	67.682	67.413	67.744	28.83	-5.214	-6.192	-5.387	-5.118	-5.449	-1.000	-5.000	-9.000	-0.214	-1.192	-0.387	-0.118	-0.449
370.000	91.097	67.488	68.494	67.653	67.414	67.733	28.90	-5.291	-6.297	-5.456	-5.217	-5.536	-1.050	-5.050	-9.050	-0.241	-1.247	-0.406	-0.167	-0.486
372.000	91.033	67.336	68.259	67.409	67.309	67.572	29.00	-5.303	-6.226	-5.376	-5.276	-5.539	-1.100	-5.100	-9.100	-0.203	-1.126	-0.276	-0.176	-0.439
374.000	90.982	67.275	68.124	67.342	67.224	67.489	29.10	-5.393	-6.242	-5.460	-5.342	-5.607	-1.150	-5.150	-9.150	-0.243	-1.092	-0.310	-0.192	-0.457
376.000	91.036	67.306	67.962	67.379	67.182	67.522	29.30	-5.570	-6.226	-5.643	-5.446	-5.786	-1.200	-5.200	-9.200	-0.370	-1.026	-0.443	-0.246	-0.586
378.000	91.013	67.220	67.817	67.253	67.059	67.449	29.40	-5.607	-6.204	-5.640	-5.446	-5.836	-1.250	-5.250	-9.250	-0.357	-0.954	-0.390	-0.196	-0.586
380.000	91.009	67.267	67.701	67.251	67.021	67.404	29.50	-5.758	-6.192	-5.742	-5.512	-5.895	-1.300	-5.300	-9.300	-0.458	-0.892	-0.442	-0.212	-0.595
382.000	90.927	67.096	67.528	67.101	66.794	67.236	29.60	-5.769	-6.201	-5.774	-5.467	-5.909	-1.350	-5.350	-9.350	-0.419	-0.851	-0.424	-0.117	-0.559
384.000	90.906	67.107	67.520	67.086	66.801	67.253	29.70	-5.901	-6.314	-5.880	-5.595	-6.047	-1.400	-5.400	-9.400	-0.501	-0.914	-0.480	-0.195	-0.647
386.000	90.926	66.931	67.503	66.975	66.676	67.137	29.87	-5.872	-6.444	-5.916	-5.617	-6.078	-1.450	-5.450	-9.450	-0.422	-0.994	-0.466	-0.167	-0.628
388.000	90.817	66.751	67.412	66.832	66.564	66.955	29.93	-5.867	-6.528	-5.948	-5.680	-6.071	-1.500	-5.500	-9.500	-0.367	-1.028	-0.448	-0.180	-0.571
390.000	90.921	66.639	67.524	66.822	66.579	66.835	30.00	-5.718	-6.603	-5.901	-5.658	-5.914	-1.550	-5.550	-9.550	-0.168	-1.053	-0.351	-0.108	-0.364
392.000	90.800	66.349	67.263	66.570	66.300	66.535	30.03	-5.582	-6.496	-5.803	-5.533	-5.768	-1.600	-5.600	-9.600	0.018	-0.896	-0.203	0.067	-0.168
394.000	90.846	66.403	67.354	66.648	66.344	66.581	30.07	-5.624	-6.575	-5.869	-5.565	-5.802	-1.650	-5.650	-9.650	0.026	-0.925	-0.219	0.085	-0.152
396.000	90.750	66.255	67.085	66.449	66.151	66.356	30.13	-5.638	-6.468	-5.832	-5.534	-5.739	-1.700	-5.700	-9.700	0.062	-0.768	-0.132	0.166	-0.039
398.000	90.766	66.251	67.069	66.456	66.171	66.363	30.17	-5.652	-6.470	-5.857	-5.572	-5.764	-1.750	-5.750	-9.750	0.098	-0.720	-0.107	0.178	-0.014
400.000	90.701	66.241	66.825	66.364	66.038	66.310	30.20	-5.740	-6.324	-5.863	-5.537	-5.809	-1.800	-5.800	-9.800	0.060	-0.524	-0.063	0.263	-0.009
402.000	90.679	66.249	66.746	66.318	66.014	66.374	30.27	-5.837	-6.334	-5.906	-5.602	-5.962	-1.836	-5.836	-9.836	-0.001	-0.498	-0.070	0.234	-0.126
404.000	90.642	66.256	66.662	66.337	66.015	66.415	30.33	-5.947	-6.353	-6.028	-5.706	-6.106	-1.872	-5.872	-9.872	-0.075	-0.481	-0.156	0.166	-0.234
406.000	90.603	66.164	66.518	66.200	65.962	66.388	30.43	-5.994	-6.348	-6.030	-5.792	-6.218	-1.908	-5.908	-9.908	-0.086	-0.440	-0.122	0.116	-0.310
408.000	90.657	66.233	66.562	66.250	66.058	66.414	30.47	-6.043	-6.372	-6.060	-5.868	-6.224	-1.944	-5.944	-9.944	-0.099	-0.428	-0.116	0.076	-0.280
410.000	90.616	66.091	66.470	66.107	65.931	66.167	30.50	-5.975	-6.354	-5.991	-5.815	-6.051	-1.980	-5.980	-9.980	0.005	-0.374	-0.011	0.165	-0.071
412.000	90.605	66.088	66.465	66.089	65.954	66.133	30.60	-6.083	-6.460	-6.084	-5.949	-6.128	-2.016	-6.016	-10.016	-0.067	-0.444	-0.068	0.067	-0.112
414.000	90.574	65.875	66.348	65.897	65.802	65.721	30.70	-6.001	-6.474	-6.023	-5.928	-5.847	-2.052	-6.052	-10.052	0.051	-0.422	0.029	0.124	0.205
416.000	90.591	65.903	66.359	65.925	65.843	65.790	30.90	-6.212	-6.668	-6.234	-6.152	-6.099	-2.088	-6.088	-10.088	-0.124	-0.580	-0.146	-0.064	-0.011
418.000	90.419	65.590	66.109	65.649	65.543	65.486	31.00	-6.171	-6.690	-6.230	-6.124	-6.067	-2.124	-6.124	-10.124	-0.047	-0.566	-0.106	0.000	0.057
420.000	90.341	65.372	65.862	65.428	65.280	65.318	31.10	-6.131	-6.621	-6.187	-6.039	-6.077	-2.160	-6.160	-10.160	0.029	-0.461	-0.027	0.121	0.083
422.000	90.376	65.432	65.950	65.543	65.417	65.417	31.17	-6.223	-6.741	-6.334	-6.145	-6.208	-2.196	-6.196	-10.196	-0.027	-0.545	-0.138	0.051	-0.012
424.000	90.497	65.405	65.998	65.546	65.243	65.422	31.23	-6.141	-6.734	-6.282	-5.979	-6.158	-2.232	-6.232	-10.232	0.091	-0.502	-0.050	0.253	0.074
426.000	90.492	65.423	66.018	65.548	65.272	65.433	31.40	-6.331	-6.926	-6.456	-6.180	-6.341	-2.268	-6.268	-10.268	-0.063	-0.658	-0.188	0.088	-0.073
428.000	90.412	65.218	65.828	65.275	65.046	65.186	31.50	-6.306	-6.916	-6.363	-6.134	-6.274	-2.304	-6.304	-10.304	-0.002	-0.612	-0.059	0.170	0.030
430.000	90.408	65.211	65.853	65.207	65.064	65.174	31.60	-6.403	-7.045	-6.399	-6.256	-6.366	-2.340	-6.340	-10.340	-0.063	-0.705	-0.059	0.084	-0.026
432.000	90.279	64.951	65.617	64.894	64.767	64.892	31.70	-6.372	-7.038	-6.315	-6.188	-6.313	-2.376	-6.376	-10.376	0.004	-0.662	0.061	0.188	0.063
434.000	90.237	64.809	65.413	64.684	64.617	64.827	31.80	-6.372	-6.976	-6.247	-6.180	-6.390	-2.412	-6.412	-10.412	0.040	-0.564	0.165	0.232	0.022
436.000	90.353	64.893	65.429	64.737	64.673	64.932	31.97	-6.507	-7.043	-6.351	-6.287	-6.546	-2.448	-6.448	-10.448	-0.059	-0.595	0.097	0.161	-0.098
438.000	90.245	64.779	65.278	64.748	64.507	64.879	32.03	-6.567	-7.066	-6.536	-6.295	-6.667	-2.484	-6.484	-10.484	-0.083	-0.582	-0.052	0.189	-0.183
440.000	90.250	64.755	65.249	64.702	64.503	64.816	32.10	-6.605	-7.099	-6.552	-6.353	-6.666	-2.520	-6.520	-10.520	-0.085	-0.579	-0.032	0.167	-0.146
442.000	90.169	64.517	65.186	64.591	64.382	64.779	32.17	-6.515	-7.184	-6.589	-6.380	-6.777	-2.556	-6.556	-10.556	0.041	-0.628	-0.033	0.176	-0.221
444.000	90.184	64.436	65.163	64.568	64.323	64.714	32.23	-6.485	-7.212	-6.617	-6.372	-6.763	-2.592	-6.592	-10.592	0.107	-0.620	-0.025	0.220	-0.171
446.000	90.228	64.488	65.241	64.653	64.482	64.743	32.37	-6.627	-7.380	-6.792	-6.621	-6.882	-2.628	-6.628	-10.628	0.001	-0.752	-0.164	0.007	-0.254
448.000	90.176	64.354	65.084	64.473	64.316	64.525	32.43	-6.611	-7.341	-6.730	-6.573	-6.782	-2.664	-6.664	-10.664	0.053	-0.677	-0.066	0.091	-0.118
450.000	89.998	64.136	64.915	64.362	64.300	64.177	32.50	-6.638	-7.417	-6.864	-6.802	-6.679	-2.700	-6.700	-10.700	0.062	-0.717	-0.164	-0.102	0.021
452.000	90.095	64.196	65.005	64.421	64.363	64.318	32.57	-6.668	-7.477	-6.893	-6.835	-6.790	-2.736	-6.736	-10.736	0.068	-0.741	-0.157	-0.099	-0.054
454.000	90.064	64.132	64.894	64.332	64.343	64.244	32.63	-6.701	-7.463	-6.901	-6.912	-6.813	-2.772	-6.772	-10.772	0.071	-0.691	-0.129	-0.140	-0.041
456.000	90.061	64.025	64.720	64.123	64.233	64.233	32.80	-6.764	-7.459	-6.862	-6.972	-6.972	-2.808	-6.808	-10.808	0.044	-0.651	-0.054	-0.164	-0.164
458.000	90.022	63.953	64.653	64.136	64.101	64.274	32.90	-6.831	-7.531	-7.014	-6.979	-7.152	-2.844	-6.844	-10.844	0.013	-0.687	-0.170	-0.135	-0.308
460.000	90.203	64.109	64.910	64.325	63.978	64.470	33.00	-6.906	-7.707	-7.122	-6.775	-7.267	-2.880	-6.880	-10.880	-0.026	-0.827	-0.242	0.105	-0.387
462.000	90.184	64.134																		

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492.000	89.994	63.460	64.172	63.475	63.026	63.472	34.03	-7.499	-8.211	-7.514	-7.065	-7.511	-3.456	-7.456	-11.456	-0.043	-0.755
494.000	89.970	63.381	64.158	63.372	62.968	63.411	34.07	-7.478	-8.255	-7.469	-7.065	-7.508	-3.492	-7.492	-11.492	0.014	-0.763
496.000	90.054	63.484	64.253	63.506	63.083	63.551	34.13	-7.563	-8.332	-7.585	-7.162	-7.630	-3.528	-7.528	-11.528	-0.035	-0.804
498.000	89.967	63.414	64.172	63.422	63.040	63.517	34.17	-7.614	-8.372	-7.622	-7.240	-7.717	-3.564	-7.564	-11.564	-0.050	-0.808
500.000	89.946	63.330	64.154	63.522	63.154	63.562	34.20	-7.584	-8.408	-7.776	-7.408	-7.816	-3.600	-7.600	-11.600	0.016	-0.808
502.000	89.917	63.286	64.131	63.577	63.155	63.600	34.28	-7.649	-8.494	-7.940	-7.518	-7.963	-3.634	-7.634	-11.634	-0.015	-0.860
504.000	89.929	63.291	64.105	63.625	63.149	63.625	34.36	-7.722	-8.536	-8.056	-7.580	-8.056	-3.668	-7.668	-11.668	-0.054	-0.868
506.000	89.911	63.211	63.942	63.529	63.076	63.549	34.44	-7.740	-8.471	-8.058	-7.605	-8.078	-3.702	-7.702	-11.702	-0.038	-0.769
508.000	89.878	63.199	63.880	63.479	63.036	63.514	34.52	-7.841	-8.522	-8.121	-7.678	-8.156	-3.736	-7.736	-11.736	-0.105	-0.786
510.000	89.839	63.144	63.777	63.255	62.921	63.333	34.60	-7.905	-8.538	-8.016	-7.682	-8.094	-3.770	-7.770	-11.770	-0.135	-0.768
512.000	89.837	63.130	63.825	63.127	62.834	63.286	34.66	-7.953	-8.648	-7.950	-7.657	-8.109	-3.804	-7.804	-11.804	-0.149	-0.844
514.000	89.856	63.135	63.852	63.134	62.819	63.314	34.72	-7.999	-8.716	-7.998	-7.683	-8.178	-3.838	-7.838	-11.838	-0.161	-0.878
516.000	89.814	62.929	63.852	62.971	62.673	63.166	34.78	-7.895	-8.818	-7.937	-7.639	-8.132	-3.872	-7.872	-11.872	-0.023	-0.946
518.000	89.862	62.998	63.940	62.977	62.725	63.192	34.84	-7.976	-8.918	-7.955	-7.703	-8.170	-3.906	-7.906	-11.906	-0.070	-1.012
520.000	89.761	62.842	63.773	62.915	62.609	63.129	34.90	-7.981	-8.912	-8.054	-7.748	-8.268	-3.940	-7.940	-11.940	-0.041	-0.972
522.000	89.745	62.685	63.668	62.901	62.532	63.034	34.96	-7.900	-8.883	-8.116	-7.747	-8.249	-3.974	-7.974	-11.974	0.074	-0.909
524.000	89.699	62.644	63.620	62.988	62.550	63.100	35.02	-7.965	-8.941	-8.309	-7.871	-8.421	-4.008	-8.008	-12.008	0.043	-0.933
526.000	89.581	62.462	63.330	62.721	62.283	62.875	35.08	-7.961	-8.829	-8.220	-7.782	-8.374	-4.042	-8.042	-12.042	0.081	-0.787
528.000	89.606	62.681	63.410	62.840	62.334	63.007	35.14	-8.215	-8.944	-8.374	-7.868	-8.541	-4.076	-8.076	-12.076	-0.139	-0.868
530.000	89.570	62.618	63.259	62.746	62.230	62.793	35.20	-8.248	-8.889	-8.376	-7.860	-8.423	-4.110	-8.110	-12.110	-0.138	-0.779
532.000	89.340	62.470	63.114	62.511	62.010	62.446	35.24	-8.370	-9.014	-8.411	-7.910	-8.346	-4.144	-8.144	-12.144	-0.226	-0.870
534.000	89.625	62.776	63.469	62.813	62.281	62.763	35.28	-8.431	-9.124	-8.468	-7.936	-8.418	-4.178	-8.178	-12.178	-0.253	-0.946
536.000	89.590	62.678	63.421	62.715	62.230	62.714	35.32	-8.408	-9.151	-8.445	-7.960	-8.444	-4.212	-8.212	-12.212	-0.196	-0.939
538.000	89.544	62.483	63.248	62.586	62.117	62.552	35.36	-8.299	-9.064	-8.402	-7.933	-8.368	-4.246	-8.246	-12.246	-0.053	-0.818
540.000	89.536	62.494	63.229	62.525	62.183	62.621	35.40	-8.358	-9.093	-8.389	-8.047	-8.485	-4.280	-8.280	-12.280	-0.078	-0.813
542.000	89.405	62.304	63.047	62.398	62.024	62.507	35.50	-8.399	-9.142	-8.493	-8.119	-8.602	-4.314	-8.314	-12.314	-0.085	-0.828
544.000	89.432	62.325	63.087	62.422	61.996	62.487	35.60	-8.493	-9.255	-8.590	-8.164	-8.655	-4.348	-8.348	-12.348	-0.145	-0.907
546.000	89.519	62.390	63.127	62.487	62.125	62.567	35.70	-8.571	-9.308	-8.668	-8.306	-8.748	-4.382	-8.382	-12.382	-0.189	-0.926
548.000	89.461	62.254	63.095	62.494	62.008	62.473	35.80	-8.593	-9.434	-8.833	-8.347	-8.812	-4.416	-8.416	-12.416	-0.177	-1.018
550.000	89.468	62.159	62.971	62.513	61.951	62.462	35.90	-8.591	-9.403	-8.945	-8.383	-8.894	-4.450	-8.450	-12.450	-0.141	-0.953
552.000	89.578	62.157	62.974	62.509	61.960	62.431	36.00	-8.579	-9.396	-8.931	-8.382	-8.853	-4.484	-8.484	-12.484	-0.095	-0.912
554.000	89.572	62.256	62.943	62.496	61.932	62.365	36.10	-8.784	-9.471	-9.024	-8.460	-8.893	-4.518	-8.518	-12.518	-0.266	-0.953
556.000	89.408	61.974	62.738	62.145	61.708	62.211	36.20	-8.766	-9.530	-8.937	-8.500	-9.003	-4.552	-8.552	-12.552	-0.214	-0.978
558.000	89.311	61.776	62.567	61.717	61.431	61.940	36.30	-8.765	-9.556	-8.706	-8.420	-8.929	-4.586	-8.586	-12.586	-0.179	-0.970
560.000	89.343	61.884	62.664	61.785	61.524	62.026	36.40	-8.941	-9.721	-8.842	-8.581	-9.083	-4.620	-8.620	-12.620	-0.321	-1.101
562.000	89.178	61.456	62.369	61.449	61.348	61.692	36.48	-8.758	-9.671	-8.751	-8.650	-8.994	-4.654	-8.654	-12.654	-0.104	-1.017
564.000	89.201	61.486	62.390	61.506	61.380	61.715	36.56	-8.845	-9.749	-8.865	-8.739	-9.074	-4.688	-8.688	-12.688	-0.157	-1.061
566.000	89.163	61.157	62.098	61.469	61.243	61.538	36.64	-8.634	-9.575	-8.946	-8.720	-9.015	-4.722	-8.722	-12.722	0.088	-0.853
568.000	89.218	61.234	62.188	61.475	61.204	61.648	36.72	-8.736	-9.690	-8.977	-8.706	-9.150	-4.756	-8.756	-12.756	0.020	-0.934
570.000	89.000	60.919	61.851	61.166	60.931	61.404	36.80	-8.719	-9.651	-8.966	-8.731	-9.204	-4.790	-8.790	-12.790	0.071	-0.861
572.000	89.166	61.037	61.954	61.290	60.895	61.513	36.88	-8.751	-9.668	-9.004	-8.609	-9.227	-4.824	-8.824	-12.824	0.073	-0.844
574.000	89.161	61.114	61.987	61.233	60.902	61.574	36.96	-8.913	-9.786	-9.032	-8.701	-9.373	-4.858	-8.858	-12.858	-0.055	-0.928
576.000	89.120	61.044	62.020	61.164	60.752	61.411	37.04	-8.964	-9.940	-9.084	-8.672	-9.331	-4.892	-8.892	-12.892	-0.072	-1.048
578.000	89.236	61.200	62.100	61.306	60.914	61.463	37.12	-9.084	-9.984	-9.190	-8.798	-9.347	-4.926	-8.926	-12.926	-0.158	-1.058
580.000	88.860	60.828	61.790	60.911	60.548	61.069	37.20	-9.168	-10.130	-9.251	-8.888	-9.409	-4.960	-8.960	-12.960	-0.208	-1.170
582.000	89.168	61.147	61.970	61.282	60.960	61.297	37.20	-9.179	-10.002	-9.314	-8.992	-9.329	-4.994	-8.994	-12.994	-0.185	-1.008
584.000	89.147	61.084	61.955	61.315	61.004	61.314	37.20	-9.137	-10.008	-9.368	-9.057	-9.367	-5.028	-9.028	-13.028	-0.109	-0.980
586.000	89.207	61.155	61.984	61.309	61.058	61.287	37.20	-9.148	-9.977	-9.302	-9.051	-9.280	-5.062	-9.062	-13.062	-0.086	-0.915
588.000	89.215	61.148	61.999	61.306	61.114	61.297	37.20	-9.133	-9.984	-9.291	-9.099	-9.282	-5.096	-9.096	-13.096	-0.037	-0.888
590.000	89.070	61.072	61.879	61.151	61.014	61.194	37.20	-9.202	-10.009	-9.281	-9.144	-9.324	-5.130	-9.130	-13.130	-0.072	-0.879
592.000	89.145	61.241	61.984	61.266	61.131	61.216	37.24	-9.336	-10.079	-9.361	-9.226	-9.311	-5.164	-9.164	-13.164	-0.172	-0.915
594.000	89.138	61.303	61.969	61.197	61.142	61.167	37.28	-9.445	-10.111	-9.339	-9.284	-9.309	-5.198	-9.198	-13.198	-0.247	-0.913
596.000	89.142	61.342	62.005	61.191	61.022	61.266	37.32	-9.520	-10.183	-9.369	-9.200	-9.444	-5.232	-9.232	-13.232	-0.288	-0.951
598.000	88.997	61.133	61.857	60.919	60.739	61.061	37.36	-9.496	-10.220	-9.282	-9.102	-9.424	-5.266	-9.266	-13.266	-0.230	-0.954
600.000	89.093	61.289	62.068	61.109	60.979	61.265	37.40	-9.596	-10.375	-9.416	-9.286	-9.572	-5.300	-9.300	-13.300	-0.296	-1.075
602.000	89.006	61.198	61.897	61.015	60.808	61.192	37.46	-9.652	-10.351	-9.469	-9.262	-9.646	-5.328	-9.328	-13.328	-0.324	-1.023
604.000	89.089	61.015	61.858	61.132	60.889	61.055	37.52	-9.446	-10.289	-9.563	-9.320	-9.486	-5.356	-9.356	-13.356	-0.090	-0.933
606.000	89.168	61.088	61.943	61.219	60.979	61.115	37.58	-9.500	-10.355	-9.631	-9.391	-9.527	-5.384	-9.384	-13.384	-0.116	-0.971
608.000	89.143	60.937	61.816	61.095	60.981	61.137	37.64	-9.434	-10.313	-9.592	-9.478	-9.634	-5.412	-9.412	-13.412	-0.022	-0.901
610.000	89.154	60.897	61.852	61.122	61.004	61.101	37.70	-9.443	-10.398	-9.668	-9.550	-9.647	-5.440	-9.440	-13.440	-0.003	-0.958
612.000	89.063	60.824	61.704	60.976	60.981	61.046	37.82	-9.581	-10.461	-9.733	-9.738	-9.803	-5.468	-9.468	-13.468	-0.113	-0.993
614.000	89.107	60.908	61.704	60.939	60.930	61.136	37.94	-9.741	-10.537	-9.772	-9.763	-9.969	-5.496	-9.496	-13.496	-0.245	-1.041
616.000	89.129	60.865	61.547	60.847	60.861	60.991	38.06	-9.796	-10.478	-9.778	-9.792	-9.922	-5.524				

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632.000	88.948	59.984	60.707	60.152	59.998	60.163	38.94	-9.976	-10.699	-10.144	-9.990	-10.155	-5.748	-9.748	-13.748	-0.228	-0.951	-0.396	-0.242	-0.407
634.000	88.992	59.935	60.701	60.074	59.969	60.091	39.08	-10.023	-10.789	-10.162	-10.057	-10.179	-5.776	-9.776	-13.776	-0.247	-1.013	-0.386	-0.281	-0.403
636.000	88.887	59.626	60.447	59.633	59.703	59.788	39.22	-9.959	-10.780	-9.966	-10.036	-10.121	-5.804	-9.804	-13.804	-0.155	-0.976	-0.162	-0.232	-0.317
638.000	88.820	59.416	60.250	59.290	59.384	59.663	39.36	-9.956	-10.790	-9.830	-9.924	-10.203	-5.832	-9.832	-13.832	-0.124	-0.958	0.002	-0.092	-0.371
640.000	88.800	59.387	60.285	59.329	59.358	59.714	39.50	-10.087	-10.985	-10.029	-10.058	-10.414	-5.860	-9.860	-13.860	-0.227	-1.125	-0.169	-0.198	-0.554
642.000	88.726	59.123	60.051	59.054	59.046	59.636	39.56	-9.957	-10.885	-9.888	-9.880	-10.470	-5.888	-9.888	-13.888	-0.069	-0.997	0.000	0.008	-0.582
644.000	88.713	59.140	59.974	59.143	58.859	59.531	39.62	-10.047	-10.881	-10.050	-9.766	-10.438	-5.916	-9.916	-13.916	-0.131	-0.965	-0.134	0.150	-0.522
646.000	88.684	59.173	59.961	59.122	58.753	59.508	39.68	-10.169	-10.957	-10.118	-9.749	-10.504	-5.944	-9.944	-13.944	-0.225	-1.013	-0.174	0.195	-0.560
648.000	88.265	58.865	59.385	58.921	58.432	59.007	39.74	-10.340	-10.860	-10.396	-9.907	-10.482	-5.972	-9.972	-13.972	-0.368	-0.888	-0.424	0.065	-0.510
650.000	88.688	59.277	59.848	59.367	58.944	59.460	39.80	-10.389	-10.960	-10.479	-10.056	-10.572	-6.000	-10.000	-14.000	-0.389	-0.960	-0.479	-0.056	-0.572
652.000	88.657	59.324	59.771	59.333	58.882	59.380	39.84	-10.507	-10.954	-10.516	-10.065	-10.563	-6.028	-10.028	-14.028	-0.479	-0.926	-0.488	-0.037	-0.535
654.000	88.673	59.151	59.799	59.301	58.959	59.281	39.88	-10.358	-11.006	-10.508	-10.166	-10.488	-6.056	-10.056	-14.056	-0.302	-0.950	-0.452	-0.110	-0.432
656.000	88.709	59.294	59.856	59.392	59.078	59.418	39.92	-10.505	-11.067	-10.603	-10.289	-10.629	-6.084	-10.084	-14.084	-0.421	-0.983	-0.519	-0.205	-0.545
658.000	88.765	59.105	59.935	59.406	59.071	59.477	39.96	-10.300	-11.130	-10.601	-10.266	-10.672	-6.112	-10.112	-14.112	-0.188	-1.018	-0.489	-0.154	-0.560
660.000	88.811	59.174	60.123	59.536	59.158	59.581	40.00	-10.363	-11.312	-10.725	-10.347	-10.770	-6.140	-10.140	-14.140	-0.223	-1.172	-0.585	-0.207	-0.630
662.000	88.678	58.993	60.075	59.312	58.949	59.617	40.00	-10.315	-11.397	-10.634	-10.271	-10.939	-6.168	-10.168	-14.168	-0.147	-1.229	-0.466	-0.103	-0.771
664.000	88.706	59.101	60.080	59.317	59.045	59.626	40.00	-10.395	-11.374	-10.611	-10.339	-10.920	-6.196	-10.196	-14.196	-0.199	-1.178	-0.415	-0.143	-0.724
666.000	88.676	59.196	60.107	59.142	58.993	59.584	40.00	-10.520	-11.431	-10.466	-10.317	-10.908	-6.224	-10.224	-14.224	-0.296	-1.207	-0.242	-0.093	-0.684
668.000	88.604	59.105	59.993	58.988	58.830	59.316	40.00	-10.501	-11.389	-10.384	-10.226	-10.712	-6.252	-10.252	-14.252	-0.249	-1.137	-0.132	0.026	-0.460
670.000	88.430	59.068	59.876	58.832	58.691	59.168	40.00	-10.638	-11.446	-10.402	-10.261	-10.738	-6.280	-10.280	-14.280	-0.358	-1.166	-0.122	0.019	-0.458
672.000	88.480	59.088	59.865	58.834	58.691	59.109	40.02	-10.628	-11.405	-10.374	-10.231	-10.649	-6.308	-10.308	-14.308	-0.320	-1.097	-0.066	0.077	-0.341
674.000	88.507	59.052	59.917	58.865	58.673	59.160	40.04	-10.585	-11.450	-10.398	-10.206	-10.693	-6.336	-10.336	-14.336	-0.249	-1.114	-0.062	0.130	-0.357
676.000	88.466	58.875	59.785	58.982	58.829	59.021	40.06	-10.469	-11.379	-10.576	-10.423	-10.615	-6.364	-10.364	-14.364	-0.105	-1.015	-0.212	-0.059	-0.251
678.000	88.465	58.854	59.709	58.918	58.637	58.915	40.08	-10.469	-11.324	-10.533	-10.252	-10.530	-6.392	-10.392	-14.392	-0.077	-0.932	-0.141	0.140	-0.138
680.000	88.418	58.662	59.685	59.039	58.635	58.881	40.10	-10.344	-11.367	-10.721	-10.317	-10.563	-6.420	-10.420	-14.420	0.076	-0.947	-0.301	0.103	-0.143
682.000	88.417	58.602	59.619	58.924	58.545	58.793	40.16	-10.345	-11.362	-10.667	-10.288	-10.536	-6.448	-10.448	-14.448	0.103	-0.914	-0.219	0.160	-0.088
684.000	88.365	58.617	59.565	58.875	58.623	58.847	40.22	-10.472	-11.420	-10.730	-10.478	-10.702	-6.476	-10.476	-14.476	0.004	-0.944	-0.254	-0.002	-0.226
686.000	88.357	58.598	59.551	58.832	58.533	58.897	40.28	-10.521	-11.474	-10.755	-10.456	-10.820	-6.504	-10.456	-14.504	-0.017	-0.970	-0.251	0.048	-0.316
688.000	88.206	58.560	59.485	58.515	58.318	58.751	40.34	-10.694	-11.619	-10.649	-10.452	-10.885	-6.532	-10.532	-14.532	-0.162	-1.087	-0.117	0.080	-0.353
690.000	88.419	58.768	59.677	58.640	58.454	58.869	40.40	-10.749	-11.658	-10.621	-10.435	-10.850	-6.560	-10.560	-14.560	-0.189	-1.098	-0.061	0.125	-0.290
692.000	88.419	58.716	59.623	58.612	58.471	58.826	40.42	-10.717	-11.624	-10.613	-10.472	-10.827	-6.588	-10.588	-14.588	-0.129	-1.036	-0.025	0.116	-0.239
694.000	88.431	58.578	59.617	58.644	58.500	58.677	40.44	-10.587	-11.626	-10.653	-10.509	-10.686	-6.616	-10.616	-14.616	0.029	-1.010	-0.037	0.107	-0.070
696.000	88.448	58.693	59.691	58.687	58.644	58.781	40.46	-10.705	-11.703	-10.699	-10.656	-10.793	-6.644	-10.644	-14.644	-0.061	-1.059	-0.055	-0.012	-0.149
698.000	88.477	58.595	59.633	58.733	58.631	58.753	40.48	-10.598	-11.636	-10.736	-10.634	-10.756	-6.672	-10.672	-14.672	0.074	-0.964	-0.064	0.038	-0.084
700.000	88.483	58.746	59.717	58.779	58.707	58.852	40.50	-10.763	-11.734	-10.796	-10.724	-10.869	-6.700	-10.700	-14.700	-0.063	-1.034	-0.096	-0.024	-0.169
702.000	88.490	58.763	59.502	58.691	58.706	58.867	40.54	-10.813	-11.552	-10.741	-10.756	-10.917	-6.722	-10.722	-14.722	-0.091	-0.830	-0.019	-0.034	-0.195
704.000	88.436	58.756	59.390	58.635	58.638	58.846	40.58	-10.900	-11.534	-10.779	-10.782	-10.990	-6.744	-10.744	-14.744	-0.156	-0.790	-0.035	-0.038	-0.246
706.000	88.091	58.494	59.075	58.239	58.200	58.591	40.62	-11.023	-11.604	-10.768	-10.729	-11.120	-6.766	-10.766	-14.766	-0.257	-0.838	-0.002	0.037	-0.354
708.000	88.135	58.417	59.034	58.324	58.222	58.646	40.66	-10.942	-11.559	-10.849	-10.747	-11.171	-6.788	-10.788	-14.788	-0.154	-0.771	-0.061	0.041	-0.383
710.000	88.051	58.318	59.062	58.276	58.052	58.652	40.70	-10.967	-11.711	-10.925	-10.701	-11.301	-6.810	-10.810	-14.810	-0.157	-0.901	-0.115	0.109	-0.491
712.000	88.236	58.396	59.192	58.486	58.115	58.658	40.74	-10.900	-11.696	-10.990	-10.619	-11.162	-6.832	-10.832	-14.832	-0.068	-0.864	-0.158	0.213	-0.330
714.000	88.223	58.362	59.246	58.498	58.191	58.613	40.78	-10.919	-11.803	-11.055	-10.748	-11.170	-6.854	-10.854	-14.854	-0.065	-0.949	-0.201	0.106	-0.316
716.000	88.210	58.170	59.304	58.482	58.030	58.615	40.82	-10.780	-11.914	-11.092	-10.640	-11.225	-6.876	-10.876	-14.876	0.096	-1.038	-0.216	0.236	-0.349
718.000	88.104	58.107	59.081	58.393	57.947	58.469	40.86	-10.863	-11.837	-11.149	-10.703	-11.225	-6.898	-10.898	-14.898	0.035	-0.939	-0.251	0.195	-0.327
720.000	88.130	58.102	59.007	58.181	57.909	58.439	40.90	-10.872	-11.777	-10.951	-10.679	-11.209	-6.920	-10.920	-14.920	0.048	-0.857	-0.031	0.241	-0.289
722.000	88.148	58.126	58.898	58.112	57.873	58.360	40.96	-10.938	-11.710	-10.924	-10.685	-11.172	-6.942	-10.942	-14.942	0.004	-0.768	0.018	0.257	-0.230
724.000	88.112	58.113	58.801	58.020	57.865	58.287	41.02	-11.021	-11.709	-10.928	-10.773	-11.195	-6.964	-10.964	-14.964	-0.057	-0.745	0.036	0.191	-0.231
726.000	88.208	58.320	58.882	58.089	57.919	58.360	41.08	-11.192	-11.754	-10.961	-10.791	-11.232	-6.986	-10.986	-14.986	-0.206	-0.768	0.025	0.195	-0.246
728.000	88.282	58.392	58.992	58.280	58.140	58.441	41.14	-11.250	-11.850	-11.138	-10.998	-11.299	-7.008	-11.008	-15.008	-0.242	-0.842	-0.130	0.010	-0.291
730.000	88.284	58.404	59.004	58.270	58.183	58.357	41.20	-11.320	-11.920	-11.186	-11.099	-11.273	-7.030	-11.030	-15.030	-0.290	-0.890	-0.156	-0.069	-0.243
732.000	88.246	58.357	58.949	58.290	58.163	58.247	41.22	-11.331	-11.923	-11.264	-11.137	-11.221	-7.052	-11.052	-15.052	-0.279	-0.871	-0.212	-0.085	-0.169
734.000	88.255	58.346	58.912	58.389	58.199	58.298	41.24	-11.331	-11.897	-11.374	-11.184	-11.283	-7.074	-11.074	-15.074	-0.257	-0.823	-0.300	-0.110	-0.209
736.000	88.204	58.071	58.923	58.384	58.090	58.293	41.26	-11.127	-11.979	-11.440	-11.146	-11.349	-7.096	-11.096	-15.096	-0.031	-0.883	-0.344	-0.050	-0.253
738.000	88.258	58.168	59.010	58.522	58.192	58.472	41.28	-11.190	-12.032	-11.544	-11.214	-11.494	-7.118							

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772.000	87.839	57.491	58.383	57.622	57.345	57.857	41.98	-11.632	-12.524	-11.763	-11.486	-11.998	-7.492	-11.492	-15.492	-0.140	-1.032	-0.271	0.006	-0.506
774.000	87.842	57.447	58.406	57.608	57.367	57.745	42.06	-11.665	-12.624	-11.826	-11.585	-11.963	-7.514	-11.514	-15.514	-0.151	-1.110	-0.312	-0.071	-0.449
776.000	87.838	57.542	58.406	57.480	57.399	57.666	42.14	-11.844	-12.708	-11.782	-11.701	-11.968	-7.536	-11.536	-15.536	-0.308	-1.172	-0.246	-0.165	-0.432
778.000	87.731	57.452	58.263	57.236	57.188	57.497	42.22	-11.941	-12.752	-11.725	-11.677	-11.986	-7.558	-11.558	-15.558	-0.383	-1.194	-0.167	-0.119	-0.428
780.000	87.887	57.669	58.484	57.395	57.374	57.568	42.30	-12.082	-12.897	-11.808	-11.787	-11.981	-7.580	-11.580	-15.580	-0.502	-1.317	-0.228	-0.207	-0.401
782.000	87.885	57.671	58.448	57.403	57.294	57.595	42.34	-12.126	-12.903	-11.858	-11.749	-12.050	-7.602	-11.602	-15.602	-0.524	-1.301	-0.256	-0.147	-0.448
784.000	87.696	57.554	58.340	57.314	57.128	57.428	42.38	-12.238	-13.024	-11.998	-11.812	-12.112	-7.624	-11.624	-15.624	-0.614	-1.400	-0.374	-0.188	-0.488
786.000	87.705	57.533	58.115	57.396	57.093	57.396	42.42	-12.248	-12.830	-12.111	-11.808	-12.111	-7.646	-11.646	-15.646	-0.602	-1.184	-0.465	-0.162	-0.465
788.000	87.759	57.467	58.023	57.412	57.114	57.371	42.46	-12.168	-12.724	-12.113	-11.815	-12.072	-7.668	-11.668	-15.668	-0.500	-1.056	-0.445	-0.147	-0.404
790.000	87.784	57.405	58.035	57.482	57.137	57.302	42.50	-12.121	-12.751	-12.198	-11.853	-12.018	-7.690	-11.690	-15.690	-0.431	-1.061	-0.508	-0.163	-0.328
792.000	87.763	57.356	57.959	57.374	57.177	57.344	42.56	-12.153	-12.756	-12.171	-11.974	-12.141	-7.712	-11.712	-15.712	-0.441	-1.044	-0.459	-0.262	-0.429
794.000	87.625	57.154	57.766	57.207	57.021	57.054	42.62	-12.149	-12.761	-12.202	-12.016	-12.049	-7.734	-11.734	-15.734	-0.415	-1.027	-0.468	-0.282	-0.315
796.000	87.436	57.011	57.789	56.927	56.950	56.908	42.68	-12.255	-13.033	-12.171	-12.194	-12.152	-7.756	-11.756	-15.756	-0.499	-1.277	-0.415	-0.438	-0.396
798.000	87.396	56.860	57.791	56.726	56.819	56.938	42.74	-12.204	-13.135	-12.070	-12.163	-12.282	-7.778	-11.778	-15.778	-0.426	-1.357	-0.292	-0.385	-0.504
800.000	87.430	56.808	57.748	56.813	56.812	56.883	42.80	-12.178	-13.118	-12.183	-12.182	-12.253	-7.800	-11.800	-15.800	-0.378	-1.318	-0.383	-0.382	-0.453
802.000	87.592	56.898	57.860	56.965	56.872	57.137	42.84	-12.146	-13.108	-12.213	-12.120	-12.385	-7.822	-11.822	-15.822	-0.324	-1.286	-0.391	-0.298	-0.563
804.000	87.548	56.859	57.798	56.919	56.699	56.951	42.88	-12.191	-13.130	-12.251	-12.031	-12.283	-7.844	-11.844	-15.844	-0.347	-1.286	-0.407	-0.187	-0.439
806.000	87.296	56.462	57.447	56.493	56.262	56.620	42.92	-12.086	-13.071	-12.117	-11.886	-12.244	-7.866	-11.866	-15.866	-0.220	-1.205	-0.251	-0.020	-0.378
808.000	87.341	56.496	57.396	56.563	56.383	56.665	42.94	-11.895	-12.795	-11.962	-11.782	-12.064	-7.888	-11.888	-15.888	-0.007	-0.907	-0.074	0.106	-0.176
810.000	87.338	56.508	57.316	56.596	56.292	56.620	43.00	-12.170	-12.978	-12.258	-11.954	-12.282	-7.910	-11.910	-15.910	-0.260	-1.068	-0.348	-0.044	-0.372
812.000	87.162	56.286	57.071	56.361	56.146	56.386	43.06	-12.184	-12.969	-12.259	-12.044	-12.284	-7.932	-11.932	-15.932	-0.252	-1.037	-0.327	-0.112	-0.352
814.000	87.565	56.629	57.296	56.677	56.541	56.723	43.12	-12.184	-12.851	-12.232	-12.096	-12.278	-7.954	-11.954	-15.954	-0.230	-0.897	-0.278	-0.142	-0.324
816.000	87.698	56.775	57.411	56.754	56.629	56.814	43.18	-12.357	-12.993	-12.336	-12.211	-12.396	-7.976	-11.976	-15.976	-0.381	-1.017	-0.360	-0.235	-0.420
818.000	87.447	56.504	57.238	56.517	56.364	56.545	43.24	-12.297	-13.031	-12.310	-12.157	-12.338	-7.998	-11.998	-15.998	-0.299	-1.033	-0.312	-0.159	-0.340
820.000	87.511	56.630	57.444	56.748	56.537	56.832	43.30	-12.419	-13.233	-12.537	-12.326	-12.621	-8.020	-12.020	-16.020	-0.399	-1.213	-0.517	-0.306	-0.601
822.000	87.380	56.417	57.257	56.431	56.318	56.580	43.34	-12.377	-13.217	-12.391	-12.278	-12.540	-8.042	-12.042	-16.042	-0.335	-1.175	-0.349	-0.236	-0.498
824.000	87.541	56.551	57.480	56.503	56.363	56.760	43.38	-12.390	-13.319	-12.342	-12.202	-12.599	-8.064	-12.064	-16.064	-0.326	-1.255	-0.278	-0.138	-0.535
826.000	87.500	56.454	57.516	56.447	56.267	56.666	43.42	-12.374	-13.436	-12.367	-12.187	-12.586	-8.086	-12.086	-16.086	-0.288	-1.350	-0.281	-0.101	-0.500
828.000	87.410	56.324	57.196	56.306	56.228	56.515	43.46	-12.374	-13.246	-12.356	-12.278	-12.565	-8.108	-12.108	-16.108	-0.266	-1.138	-0.248	-0.170	-0.457
830.000	87.369	56.237	57.077	56.302	56.095	56.518	43.50	-12.368	-13.208	-12.433	-12.226	-12.649	-8.130	-12.130	-16.130	-0.238	-1.078	-0.303	-0.096	-0.519
832.000	87.168	56.121	56.802	56.125	55.940	56.387	43.50	-12.443	-13.124	-12.447	-12.262	-12.709	-8.152	-12.152	-16.152	-0.291	-0.972	-0.295	-0.110	-0.557
834.000	87.357	56.340	56.968	56.412	56.167	56.552	43.50	-12.483	-13.111	-12.555	-12.310	-12.695	-8.174	-12.174	-16.174	-0.309	-0.937	-0.381	-0.136	-0.521
836.000	87.177	56.010	56.664	56.218	55.898	56.238	43.50	-12.333	-12.987	-12.541	-12.221	-12.561	-8.196	-12.196	-16.196	-0.137	-0.791	-0.345	-0.025	-0.365
838.000	87.102	56.157	56.619	56.146	55.870	56.095	43.50	-12.555	-13.017	-12.544	-12.268	-12.493	-8.218	-12.218	-16.218	-0.337	-0.799	-0.326	-0.050	-0.275
840.000	87.339	56.406	56.977	56.344	56.082	56.428	43.50	-12.567	-13.138	-12.505	-12.243	-12.589	-8.240	-12.240	-16.240	-0.327	-0.898	-0.265	-0.003	-0.349
842.000	87.317	56.309	56.979	56.289	56.078	56.374	43.54	-12.532	-13.202	-12.512	-12.301	-12.597	-8.262	-12.262	-16.262	-0.270	-0.940	-0.250	-0.039	-0.335
844.000	87.341	56.250	57.050	56.221	56.115	56.373	43.58	-12.489	-13.289	-12.460	-12.354	-12.612	-8.284	-12.284	-16.284	-0.205	-1.005	-0.176	-0.070	-0.328
846.000	87.452	56.310	57.204	56.376	56.318	56.446	43.62	-12.478	-13.372	-12.544	-12.486	-12.614	-8.306	-12.306	-16.306	-0.172	-1.066	-0.238	-0.180	-0.308
848.000	87.403	56.302	57.118	56.317	56.266	56.347	43.66	-12.559	-13.375	-12.574	-12.523	-12.604	-8.328	-12.328	-16.328	-0.231	-1.047	-0.246	-0.195	-0.276
850.000	87.206	55.974	56.927	56.256	56.070	56.297	43.70	-12.468	-13.421	-12.750	-12.564	-12.791	-8.350	-12.350	-16.350	-0.118	-1.071	-0.400	-0.214	-0.441
852.000	87.393	56.038	56.974	56.383	56.154	56.455	43.74	-12.385	-13.321	-12.730	-12.501	-12.802	-8.372	-12.372	-16.372	-0.013	-0.949	-0.358	-0.129	-0.430
854.000	87.454	56.186	56.973	56.484	56.264	56.516	43.78	-12.512	-13.299	-12.810	-12.590	-12.842	-8.394	-12.394	-16.394	-0.118	-0.905	-0.416	-0.196	-0.448
856.000	87.349	55.880	56.845	56.297	55.923	56.245	43.82	-12.351	-13.316	-12.768	-12.394	-12.716	-8.416	-12.416	-16.416	0.065	-0.900	-0.352	0.022	-0.300
858.000	87.360	55.928	56.669	56.353	55.879	56.135	43.86	-12.428	-13.169	-12.853	-12.379	-12.635	-8.438	-12.438	-16.438	0.010	-0.731	-0.415	0.059	-0.197
860.000	87.345	55.861	56.588	56.044	55.816	56.135	43.90	-12.416	-13.143	-12.599	-12.371	-12.690	-8.460	-12.460	-16.460	0.044	-0.683	-0.139	0.089	-0.230
862.000	87.296	55.888	56.523	55.893	55.742	56.079	43.92	-12.512	-13.147	-12.517	-12.366	-12.703	-8.482	-12.482	-16.482	-0.030	-0.665	-0.035	0.116	-0.221
864.000	87.323	55.993	56.498	55.896	55.723	56.097	43.94	-12.610	-13.115	-12.513	-12.340	-12.714	-8.504	-12.504	-16.504	-0.106	-0.611	-0.009	0.164	-0.210
866.000	87.310	55.997	56.548	55.885	55.753	56.041	43.96	-12.647	-13.198	-12.535	-12.403	-12.691	-8.526	-12.526	-16.526	-0.121	-0.672	-0.009	0.123	-0.165
868.000	87.217	55.943	56.412	55.911	55.727	55.983	43.98	-12.706	-13.175	-12.674	-12.490	-12.746	-8.548	-12.548	-16.548	-0.158	-0.627	-0.126	0.058	-0.198
870.000	87.149	55.896	56.412	55.803	55.648	55.890	44.00	-12.747	-13.263	-12.654	-12.499	-12.741	-8.570	-12.570	-16.570	-0.177	-0.693	-0.084	0.071	-0.171
872.000	87.147	55.858	56.443	55.894	55.575	55.962	44.04	-12.751	-13.336	-12.787	-12.468	-12.855	-8.592	-12.592	-16.592	-0.159	-0.744	-0.195	0.124	-0.263
874.000	87.162	55.787	56.475	55.874	55.576	55.914	44.08	-12.705	-13.393	-12.792	-12.494	-12.832	-8.614	-12.614	-16.614	-0.091	-0.779	-0.178	0.120	-0.218
876.000	87.113	55.665	56.491	55.741	55.422	55.826	44.12	-12.672	-13.498	-12.748	-12.429	-12.833	-8.636	-12.636	-16.636	-0.036	-0.862	-0.112	0.207	-0.197
878.000	87.155	55.612	56.553	55.741	55.439	55.837	44.16	-12.617	-13.558	-12.746	-12.444									

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912.000	86.572	54.564	55.428	54.557	54.438	54.590	45.42	-13.412	-14.276	-13.405	-13.286	-13.438	-9.008	-13.008	-17.008	-0.404	-1.268	-0.397	-0.278	-0.430
914.000	86.617	54.328	55.244	54.441	54.136	54.669	45.44	-13.151	-14.067	-13.264	-12.959	-13.492	-9.026	-13.026	-17.026	-0.125	-1.041	-0.238	0.067	-0.466
916.000	86.630	54.412	55.363	54.566	54.286	54.691	45.46	-13.242	-14.193	-13.396	-13.116	-13.521	-9.044	-13.044	-17.044	-0.198	-1.149	-0.352	-0.072	-0.477
918.000	86.379	54.149	54.897	54.147	53.951	54.471	45.48	-13.250	-13.998	-13.248	-13.052	-13.572	-9.062	-13.062	-17.062	-0.188	-0.936	-0.186	0.010	-0.510
920.000	86.452	54.120	55.015	54.343	54.085	54.561	45.50	-13.168	-14.063	-13.391	-13.133	-13.609	-9.080	-13.080	-17.080	-0.088	-0.983	-0.311	-0.053	-0.529
922.000	86.473	54.121	55.046	54.226	53.974	54.425	45.48	-13.128	-14.053	-13.233	-12.981	-13.432	-9.098	-13.098	-17.098	-0.030	-0.955	-0.135	0.117	-0.334
924.000	86.361	54.091	54.943	54.065	53.805	54.281	45.46	-13.190	-14.042	-13.164	-12.904	-13.380	-9.116	-13.116	-17.116	-0.074	-0.926	-0.048	0.212	-0.264
926.000	86.535	54.224	55.144	54.241	53.976	54.441	45.44	-13.129	-14.049	-13.146	-12.881	-13.346	-9.134	-13.134	-17.134	0.005	-0.915	-0.012	0.253	-0.212
928.000	86.768	54.440	55.326	54.370	54.244	54.649	45.42	-13.092	-13.978	-13.022	-12.896	-13.301	-9.152	-13.152	-17.152	0.060	-0.826	0.130	0.256	-0.149
930.000	86.700	54.314	55.385	54.321	54.138	54.572	45.40	-13.014	-14.085	-13.021	-12.838	-13.272	-9.170	-13.170	-17.170	0.156	-0.915	0.149	0.332	-0.102
932.000	86.784	54.380	55.347	54.421	54.335	54.398	45.44	-13.036	-14.003	-13.077	-12.991	-13.054	-9.188	-13.188	-17.188	0.152	-0.815	0.111	0.197	0.134
934.000	86.778	54.391	55.462	54.527	54.381	54.556	45.48	-13.093	-14.164	-13.229	-13.083	-13.258	-9.206	-13.206	-17.206	0.113	-0.958	-0.023	0.123	-0.052
936.000	86.627	54.238	55.340	54.554	54.216	54.392	45.52	-13.131	-14.233	-13.447	-13.109	-13.285	-9.224	-13.224	-17.224	0.093	-1.009	-0.223	0.115	-0.061
938.000	86.663	54.370	55.414	54.522	54.236	54.457	45.56	-13.267	-14.311	-13.419	-13.133	-13.354	-9.242	-13.242	-17.242	-0.025	-1.069	-0.177	0.109	-0.112
940.000	86.617	54.485	55.448	54.542	54.269	54.625	45.60	-13.468	-14.431	-13.525	-13.252	-13.608	-9.260	-13.260	-17.260	-0.208	-1.171	-0.265	0.008	-0.348
942.000	86.520	54.314	55.255	54.458	54.095	54.585	45.64	-13.434	-14.375	-13.578	-13.215	-13.705	-9.278	-13.278	-17.278	-0.156	-1.097	-0.300	0.063	-0.427
944.000	86.262	53.968	54.896	54.238	53.672	54.187	45.68	-13.386	-14.314	-13.656	-13.090	-13.605	-9.296	-13.296	-17.296	-0.090	-1.018	-0.360	0.206	-0.309
946.000	86.586	54.455	55.155	54.492	54.139	54.562	45.72	-13.589	-14.289	-13.626	-13.273	-13.696	-9.314	-13.314	-17.314	-0.275	-0.975	-0.312	0.041	-0.382
948.000	86.557	54.342	55.179	54.381	54.028	54.428	45.76	-13.545	-14.382	-13.584	-13.231	-13.631	-9.332	-13.332	-17.332	-0.213	-1.050	-0.252	0.101	-0.299
950.000	86.363	54.410	54.991	54.273	54.023	54.346	45.80	-13.847	-14.428	-13.710	-13.460	-13.783	-9.350	-13.350	-17.350	-0.497	-1.078	-0.360	-0.110	-0.433
952.000	86.507	54.261	55.051	54.222	54.118	54.461	45.86	-13.614	-14.404	-13.575	-13.471	-13.814	-9.368	-13.368	-17.368	-0.246	-1.036	-0.207	-0.103	-0.446
954.000	86.488	54.239	55.152	54.226	54.142	54.389	45.92	-13.671	-14.584	-13.658	-13.574	-13.821	-9.386	-13.386	-17.386	-0.285	-1.198	-0.272	-0.188	-0.435
956.000	86.258	53.883	54.712	53.816	53.871	54.134	45.98	-13.605	-14.434	-13.538	-13.593	-13.856	-9.404	-13.404	-17.404	-0.201	-1.030	-0.134	-0.189	-0.452
958.000	86.515	54.253	54.989	54.224	54.071	54.398	46.04	-13.778	-14.514	-13.749	-13.596	-13.923	-9.422	-13.422	-17.422	-0.356	-1.092	-0.327	-0.174	-0.501
960.000	86.482	54.181	54.987	54.200	54.047	54.285	46.10	-13.799	-14.605	-13.818	-13.665	-13.903	-9.440	-13.440	-17.440	-0.359	-1.165	-0.378	-0.225	-0.463
962.000	86.433	54.134	54.821	54.222	53.965	54.295	46.22	-13.921	-14.608	-14.009	-13.752	-14.082	-9.458	-13.458	-17.458	-0.463	-1.150	-0.551	-0.294	-0.624
964.000	86.524	54.242	54.964	54.337	54.208	54.474	46.34	-14.058	-14.780	-14.153	-14.024	-14.290	-9.476	-13.476	-17.476	-0.582	-1.304	-0.677	-0.548	-0.814
966.000	86.488	54.124	54.833	54.258	54.092	54.339	46.46	-14.096	-14.805	-14.230	-14.064	-14.311	-9.494	-13.494	-17.494	-0.602	-1.311	-0.736	-0.570	-0.817
968.000	86.467	54.021	54.751	54.225	53.860	54.323	46.48	-14.034	-14.764	-14.238	-13.873	-14.336	-9.512	-13.512	-17.512	-0.522	-1.252	-0.726	-0.361	-0.824
970.000	86.528	53.983	54.722	54.274	53.925	54.200	46.70	-14.155	-14.894	-14.446	-14.097	-14.372	-9.530	-13.530	-17.530	-0.625	-1.364	-0.916	-0.567	-0.842
972.000	86.530	53.860	54.663	54.123	53.850	54.178	46.74	-14.070	-14.873	-14.333	-14.060	-14.388	-9.548	-13.548	-17.548	-0.522	-1.325	-0.785	-0.512	-0.840
974.000	86.549	54.005	54.803	54.124	53.910	54.213	46.78	-14.236	-15.034	-14.355	-14.141	-14.444	-9.566	-13.566	-17.566	-0.670	-1.468	-0.789	-0.575	-0.878
976.000	86.529	53.911	54.779	54.185	53.812	54.199	46.82	-14.202	-15.070	-14.476	-14.103	-14.490	-9.584	-13.584	-17.584	-0.618	-1.486	-0.892	-0.519	-0.906
978.000	86.450	53.926	54.764	53.966	53.741	54.138	46.86	-14.336	-15.174	-14.376	-14.151	-14.548	-9.602	-13.602	-17.602	-0.734	-1.572	-0.774	-0.549	-0.946
980.000	86.421	54.092	54.697	54.003	53.719	54.190	46.90	-14.571	-15.176	-14.482	-14.198	-14.669	-9.620	-13.620	-17.620	-0.951	-1.556	-0.862	-0.578	-1.049
982.000	86.534	54.181	54.822	54.202	53.956	54.289	46.92	-14.567	-15.208	-14.588	-14.342	-14.675	-9.638	-13.638	-17.638	-0.929	-1.570	-0.950	-0.704	-1.037
984.000	86.480	54.025	54.592	54.057	53.735	54.276	46.94	-14.485	-15.052	-14.517	-14.195	-14.736	-9.656	-13.656	-17.656	-0.829	-1.396	-0.861	-0.539	-1.080
986.000	86.317	53.797	54.457	53.860	53.558	54.104	46.96	-14.440	-15.100	-14.503	-14.201	-14.747	-9.674	-13.674	-17.674	-0.766	-1.426	-0.829	-0.527	-1.073
988.000	86.298	53.797	54.393	53.969	53.578	54.045	46.98	-14.479	-15.075	-14.651	-14.260	-14.727	-9.692	-13.692	-17.692	-0.787	-1.383	-0.959	-0.568	-1.035
990.000	86.406	53.732	54.461	53.794	53.519	54.123	47.00	-14.326	-15.055	-14.388	-14.113	-14.717	-9.710	-13.710	-17.710	-0.616	-1.345	-0.678	-0.403	-1.007
992.000	86.330	53.604	54.293	53.693	53.380	53.960	46.98	-14.254	-14.943	-14.343	-14.030	-14.610	-9.728	-13.728	-17.728	-0.526	-1.215	-0.615	-0.302	-0.882
994.000	86.243	53.401	54.319	53.582	53.326	53.790	46.96	-14.118	-15.036	-14.299	-14.043	-14.507	-9.746	-13.746	-17.746	-0.372	-1.290	-0.553	-0.297	-0.761
996.000	86.261	53.366	54.332	53.485	53.317	53.741	46.94	-14.045	-15.011	-14.164	-13.996	-14.420	-9.764	-13.764	-17.764	-0.281	-1.247	-0.400	-0.232	-0.656
998.000	86.276	53.457	54.319	53.538	53.373	53.849	46.92	-14.101	-14.963	-14.182	-14.017	-14.493	-9.782	-13.782	-17.782	-0.319	-1.181	-0.400	-0.235	-0.711
1000.000	86.357	53.578	54.433	53.635	53.425	53.807	46.90	-14.121	-14.976	-14.178	-13.968	-14.350	-9.800	-13.800	-17.800	-0.321	-1.176	-0.378	-0.168	-0.550