

Run: 1

Table:curve

SWAN version:41.20A

Xp [m]	Yp [m]	Hsig [m]	TPsmoo [sec]	RTpeak [sec]	Tm_l0 [sec]	Dir [degr]	Dspr [degr]	Depth [m]	Setup [m]
0.	0.	2.50081	12.5697	12.4477	11.6385	0.000	31.5062	6.4900	0.000000
1.	0.	2.50524	12.5719	12.4477	11.5365	0.000	31.5036	6.4900	0.000016
2.	0.	2.51014	12.5741	12.4477	11.4403	0.000	31.4985	6.4800	-0.000020
3.	0.	2.51414	12.5761	12.4477	11.3491	0.000	31.4911	6.4800	-0.000004
4.	0.	2.51836	12.5781	12.4477	11.2643	0.000	31.4649	6.4700	-0.000038
5.	0.	2.52246	12.5799	12.4477	11.1853	0.000	31.4474	6.4599	-0.000073
6.	0.	2.52565	12.5815	12.4477	11.1111	0.000	31.4317	6.4599	-0.000056
7.	0.	2.52931	12.5831	12.4477	11.0422	0.000	31.4155	6.4499	-0.000091
8.	0.	2.53206	12.5845	12.4477	10.9773	0.000	31.3986	6.4499	-0.000074
9.	0.	2.53530	12.5859	12.4477	10.9168	0.000	31.3806	6.4399	-0.000109
10.	0.	2.53790	12.5872	12.4477	10.8593	0.000	31.3776	6.4399	-0.000092
11.	0.	2.54019	12.5884	12.4477	10.8052	0.000	31.3634	6.4399	-0.000075
12.	0.	2.54294	12.5895	12.4477	10.7547	0.000	31.3448	6.4299	-0.000109
13.	0.	2.54508	12.5905	12.4477	10.7063	0.000	31.3402	6.4299	-0.000091
14.	0.	2.54693	12.5915	12.4477	10.6605	0.000	31.3244	6.4299	-0.000072
15.	0.	2.54927	12.5924	12.4477	10.6177	0.000	31.3043	6.4199	-0.000106
16.	0.	2.55116	12.5932	12.4477	10.5753	0.000	31.2988	6.4199	-0.000087
17.	0.	2.55283	12.5940	12.4477	10.5347	0.000	31.2829	6.4199	-0.000067
18.	0.	2.55502	12.5948	12.4477	10.4964	0.000	31.2632	6.4099	-0.000098
19.	0.	2.55666	12.5954	12.4477	10.4592	0.000	31.2575	6.4099	-0.000078
20.	0.	2.55806	12.5960	12.4477	10.4237	0.000	31.2423	6.4099	-0.000056
21.	0.	2.55998	12.5966	12.4477	10.3903	0.000	31.2239	6.3999	-0.000085
22.	0.	2.56137	12.5972	12.4477	10.3576	0.000	31.2178	6.3999	-0.000064
23.	0.	2.56254	12.5976	12.4477	10.3263	0.000	31.2025	6.4000	-0.000040
24.	0.	2.56422	12.5981	12.4477	10.2969	0.000	31.1839	6.3899	-0.000069
25.	0.	2.56540	12.5985	12.4477	10.2680	0.000	31.1771	6.3900	-0.000046
26.	0.	2.56637	12.5989	12.4477	10.2402	0.000	31.1614	6.3900	-0.000022
27.	0.	2.56786	12.5992	12.4477	10.2142	0.000	31.1422	6.3800	-0.000049
28.	0.	2.56885	12.5995	12.4477	10.1884	0.000	31.1350	6.3800	-0.000026
29.	0.	2.56964	12.5998	12.4477	10.1635	0.000	31.1187	6.3800	0.000000
30.	0.	2.57096	12.6001	12.4477	10.1403	0.000	31.0994	6.3700	-0.000027
31.	0.	2.57179	12.6003	12.4477	10.1171	0.000	31.0919	6.3700	-0.000002
32.	0.	2.57244	12.6005	12.4477	10.0948	0.000	31.0757	6.3700	0.000025
33.	0.	2.57361	12.6007	12.4477	10.0739	0.000	31.0568	6.3600	-0.000001
34.	0.	2.57410	12.6008	12.4477	10.0529	0.000	31.0377	6.3600	0.000028
35.	0.	2.57517	12.6009	12.4477	10.0333	0.000	31.0181	6.3500	0.000004</

60.	0.	2.59654	12.5991	12.4477	9.5824	0.006	30.7057	6.2704	0.000391
61.	0.	2.59771	12.5989	12.4477	9.5666	0.006	30.6902	6.2604	0.000376
62.	0.	2.59826	12.5987	12.4477	9.5501	0.006	30.6744	6.2604	0.000416
63.	0.	2.59935	12.5985	12.4477	9.5348	0.007	30.6577	6.2504	0.000402
64.	0.	2.59984	12.5982	12.4477	9.5197	0.006	30.6539	6.2504	0.000447
65.	0.	2.60005	12.5980	12.4477	9.5055	0.003	30.6436	6.2505	0.000497
66.	0.	2.60073	12.5977	12.4477	9.4926	359.998	30.6308	6.2405	0.000494
67.	0.	2.60071	12.5974	12.4477	9.4794	359.992	30.6173	6.2405	0.000548
68.	0.	2.60123	12.5972	12.4477	9.4673	359.985	30.6032	6.2305	0.000549
69.	0.	2.60135	12.5969	12.4477	9.4543	359.978	30.5999	6.2306	0.000602
70.	0.	2.60129	12.5966	12.4477	9.4418	359.969	30.5886	6.2307	0.000658
71.	0.	2.60171	12.5963	12.4477	9.4305	359.960	30.5745	6.2207	0.000660
72.	0.	2.60170	12.5961	12.4477	9.4176	359.954	30.5596	6.2207	0.000714
73.	0.	2.60230	12.5958	12.4477	9.4055	359.949	30.5439	6.2107	0.000711
74.	0.	2.60252	12.5955	12.4477	9.3924	359.945	30.5390	6.2108	0.000762
75.	0.	2.60263	12.5952	12.4477	9.3793	359.941	30.5271	6.2108	0.000813
76.	0.	2.60326	12.5949	12.4477	9.3673	359.938	30.5126	6.2008	0.000810
77.	0.	2.60332	12.5946	12.4477	9.3544	359.934	30.4979	6.2009	0.000863
78.	0.	2.60390	12.5943	12.4477	9.3426	359.931	30.4827	6.1909	0.000860
79.	0.	2.60428	12.5940	12.4477	9.3286	359.923	30.4798	6.1909	0.000912
80.	0.	2.60479	12.5937	12.4477	9.3131	359.918	30.4714	6.1910	0.000965
81.	0.	2.60586	12.5934	12.4477	9.2983	359.916	30.4610	6.1810	0.000963
82.	0.	2.60638	12.5931	12.4477	9.2823	359.914	30.4504	6.1810	0.001018
83.	0.	2.60742	12.5928	12.4477	9.2676	359.912	30.4389	6.1710	0.001017
84.	0.	2.60787	12.5925	12.4477	9.2520	359.910	30.4278	6.1711	0.001073
85.	0.	2.60866	12.5922	12.4477	9.2377	359.908	30.4059	6.1611	0.001075
86.	0.	2.60935	12.5919	12.4477	9.2236	359.906	30.3804	6.1511	0.001079
87.	0.	2.61015	12.5917	12.4477	9.2097	359.903	30.3635	6.1411	0.001082
88.	0.	2.61043	12.5914	12.4477	9.1949	359.901	30.3499	6.1411	0.001141
89.	0.	2.61106	12.5911	12.4477	9.1814	359.899	30.3265	6.1311	0.001146
90.	0.	2.61161	12.5909	12.4477	9.1680	359.897	30.2999	6.1212	0.001152
91.	0.	2.61211	12.5906	12.4477	9.1548	359.895	30.2720	6.1112	0.001160
92.	0.	2.61256	12.5904	12.4477	9.1417	359.892	30.2435	6.1012	0.001168
93.	0.	2.61296	12.5901	12.4477	9.1289	359.890	30.2148	6.0912	0.001178
94.	0.	2.61332	12.5899	12.4477	9.1170	359.886	30.1972	6.0812	0.001193
95.	0.	2.61294	12.5896	12.4477	9.1052	359.881	30.1848	6.0813	0.001270
96.	0.	2.61281	12.5894	12.4477	9.0952	359.877	30.1634	6.0713	0.001295
97.	0.	2.61251	12.5892	12.4477	9.0857	359.872	30.1389	6.0613	0.001323
98.	0.	2.61212	12.5889	12.4477	9.0766	359.868	30.1130	6.0514	0.001353
99.	0.	2.61164	12.5887	12.4477	9.0678	359.865	30.0862	6.0414	0.001386
100.	0.	2.61124	12.5885	12.4477	9.0594	359.860	30.0682	6.0314	0.001419
101.	0.	2.61034	12.5883	12.4477	9.0499	359.855	30.0538	6.0315	0.001509
102.	0.	2.60976	12.5880	12.4477	9.0419	359.852	30.0295	6.0215	0.001544
103.	0.	2.60910	12.5878	12.4477	9.0341	359.850	30.0019	6.0116	0.001580
104.	0.	2.60839	12.5876	12.4477	9.0263	359.848	29.9732	6.0016	0.001618
105.	0.	2.60817	12.5874	12.4477	9.0162	359.845	29.9424	5.9916	0.001644
106.	0.	2.60825	12.5872	12.4477	9.0055	359.843	29.9205	5.9817	0.001665
107.	0.	2.60785	12.5870	12.4477	8.9935	359.841	29.9023	5.9817	0.001744
108.	0.	2.60763	12.5868	12.4477	8.9837	359.836	29.8763	5.9718	0.001772
109.	0.	2.60722	12.5866	12.4477	8.9745	359.828	29.8471	5.9618	0.001803
110.	0.	2.60673	12.5864	12.4477	8.9656	359.819	29.8164	5.9518	0.001837
111.	0.	2.60634	12.5862	12.4477	8.9568	359.810	29.7948	5.9419	0.001871
112.	0.	2.60545	12.5860	12.4477	8.9470	359.801	29.7770	5.9420	0.001963
113.	0.	2.60508	12.5858	12.4477	8.9385	359.792	29.7593	5.9320	0.001998
114.	0.	2.60415	12.5856	12.4477	8.9289	359.783	29.7426	5.9321	0.002092
115.	0.	2.60371	12.5854	12.4477	8.9207	359.773	29.7247	5.9221	0.002128
116.	0.	2.60272	12.5852	12.4477	8.9115	359.763	29.7076	5.9222	0.002223
117.	0.	2.60224	12.5850	12.4477	8.9036	359.753	29.6897	5.9123	0.002260
118.	0.	2.60121	12.5848	12.4477	8.8945	359.743	29.6727	5.9124	0.002357
119.	0.	2.60068	12.5846	12.4477	8.8868	359.734	29.6549	5.9024	0.002395
120.	0.	2.59960	12.5844	12.4477	8.8780	359.724	29.6380	5.9025	0.002493
121.	0.	2.59902	12.5843	12.4477	8.8706	359.714	29.6203	5.8925	0.002532
122.	0.	2.59790	12.5841	12.4477	8.8619	359.705	29.6035	5.8926	0.002631
123.	0.	2.59728	12.5839	12.4477	8.8547	359.695	29.5860	5.8827	0.002672
124.	0.	2.59611	12.5837	12.4477	8.8463	359.686	29.5693	5.8828	0.002772
125.	0.	2.59545	12.5836	12.4477	8.8393	359.677	29.5519	5.8728	0.002814
126.	0.	2.59424	12.5834	12.4477	8.8310	359.668	29.5354	5.8729	0.002916

127.	0.	2.59354	12.5832	12.4477	8.8242	359.659	29.5181	5.8630	0.002959
128.	0.	2.59230	12.5831	12.4477	8.8162	359.650	29.5016	5.8631	0.003061
129.	0.	2.59156	12.5829	12.4477	8.8095	359.641	29.4845	5.8531	0.003105
130.	0.	2.59028	12.5828	12.4477	8.8016	359.632	29.4682	5.8532	0.003209
131.	0.	2.58950	12.5826	12.4477	8.7951	359.623	29.4512	5.8433	0.003254
132.	0.	2.58838	12.5824	12.4477	8.7866	359.619	29.4351	5.8434	0.003354
133.	0.	2.58786	12.5823	12.4477	8.7789	359.616	29.4183	5.8334	0.003394
134.	0.	2.58677	12.5821	12.4477	8.7701	359.614	29.4023	5.8335	0.003494
135.	0.	2.58615	12.5820	12.4477	8.7628	359.614	29.3857	5.8235	0.003537
136.	0.	2.58502	12.5818	12.4477	8.7541	359.615	29.3698	5.8236	0.003639
137.	0.	2.58441	12.5817	12.4477	8.7468	359.617	29.3532	5.8137	0.003683
138.	0.	2.58326	12.5815	12.4477	8.7381	359.618	29.3375	5.8138	0.003786
139.	0.	2.58262	12.5814	12.4477	8.7309	359.621	29.3209	5.8038	0.003831
140.	0.	2.58142	12.5813	12.4477	8.7224	359.623	29.3054	5.8039	0.003936
141.	0.	2.58071	12.5811	12.4477	8.7155	359.625	29.2893	5.7940	0.003982
142.	0.	2.57945	12.5810	12.4477	8.7073	359.627	29.2742	5.7941	0.004089
143.	0.	2.57868	12.5809	12.4477	8.7006	359.630	29.2585	5.7841	0.004137
144.	0.	2.57739	12.5807	12.4477	8.6926	359.633	29.2437	5.7842	0.004245
145.	0.	2.57659	12.5806	12.4477	8.6860	359.636	29.2279	5.7743	0.004294
146.	0.	2.57525	12.5805	12.4477	8.6782	359.640	29.2128	5.7744	0.004403
147.	0.	2.57442	12.5804	12.4477	8.6718	359.644	29.1970	5.7645	0.004453
148.	0.	2.57306	12.5802	12.4477	8.6640	359.647	29.1820	5.7646	0.004563
149.	0.	2.57220	12.5801	12.4477	8.6576	359.651	29.1663	5.7546	0.004614
150.	0.	2.57079	12.5800	12.4477	8.6501	359.655	29.1516	5.7547	0.004725
151.	0.	2.56987	12.5799	12.4477	8.6440	359.659	29.1361	5.7448	0.004778
152.	0.	2.56836	12.5798	12.4477	8.6369	359.661	29.1211	5.7449	0.004892
153.	0.	2.56733	12.5797	12.4477	8.6313	359.664	29.1048	5.7349	0.004946
154.	0.	2.56576	12.5796	12.4477	8.6244	359.668	29.0893	5.7351	0.005062
155.	0.	2.56457	12.5795	12.4477	8.6190	359.671	29.0638	5.7251	0.005118
156.	0.	2.56330	12.5794	12.4477	8.6136	359.675	29.0352	5.7152	0.005175
157.	0.	2.56210	12.5793	12.4477	8.6083	359.679	29.0145	5.7052	0.005234
158.	0.	2.56041	12.5792	12.4477	8.6017	359.683	28.9972	5.7054	0.005353
159.	0.	2.55910	12.5791	12.4477	8.5966	359.687	28.9710	5.6954	0.005413
160.	0.	2.55772	12.5790	12.4477	8.5915	359.691	28.9419	5.6855	0.005474
161.	0.	2.55641	12.5789	12.4477	8.5866	359.696	28.9208	5.6755	0.005537
162.	0.	2.55460	12.5788	12.4477	8.5803	359.701	28.9031	5.6757	0.005661
163.	0.	2.55316	12.5787	12.4477	8.5756	359.706	28.8764	5.6657	0.005725
164.	0.	2.55165	12.5786	12.4477	8.5709	359.712	28.8475	5.6558	0.005792
165.	0.	2.55010	12.5786	12.4477	8.5663	359.718	28.8178	5.6459	0.005859
166.	0.	2.54862	12.5785	12.4477	8.5618	359.724	28.7966	5.6359	0.005929
167.	0.	2.54675	12.5784	12.4477	8.5556	359.727	28.7789	5.6361	0.006057
168.	0.	2.54530	12.5783	12.4477	8.5506	359.730	28.7528	5.6261	0.006125
169.	0.	2.54378	12.5782	12.4477	8.5457	359.733	28.7244	5.6162	0.006194
170.	0.	2.54224	12.5782	12.4477	8.5408	359.736	28.6952	5.6063	0.006264
171.	0.	2.54077	12.5781	12.4477	8.5360	359.739	28.6739	5.5963	0.006336
172.	0.	2.53882	12.5780	12.4477	8.5297	359.742	28.6562	5.5965	0.006469
173.	0.	2.53727	12.5779	12.4477	8.5249	359.745	28.6304	5.5865	0.006542
174.	0.	2.53568	12.5779	12.4477	8.5201	359.747	28.6020	5.5766	0.006615
175.	0.	2.53417	12.5778	12.4477	8.5153	359.750	28.5808	5.5667	0.006689
176.	0.	2.53218	12.5777	12.4477	8.5090	359.752	28.5630	5.5668	0.006826
177.	0.	2.53062	12.5777	12.4477	8.5040	359.754	28.5366	5.5569	0.006900
178.	0.	2.52901	12.5776	12.4477	8.4991	359.756	28.5077	5.5470	0.006975
179.	0.	2.52735	12.5775	12.4477	8.4942	359.758	28.4779	5.5371	0.007052
180.	0.	2.52578	12.5775	12.4477	8.4893	359.760	28.4560	5.5271	0.007130
181.	0.	2.52371	12.5774	12.4477	8.4831	359.762	28.4378	5.5273	0.007270
182.	0.	2.52208	12.5774	12.4477	8.4782	359.763	28.4114	5.5173	0.007349
183.	0.	2.52039	12.5773	12.4477	8.4733	359.764	28.3828	5.5074	0.007428
184.	0.	2.51865	12.5773	12.4477	8.4684	359.764	28.3532	5.4975	0.007509
185.	0.	2.51700	12.5772	12.4477	8.4637	359.765	28.3312	5.4876	0.007592
186.	0.	2.51485	12.5771	12.4477	8.4575	359.765	28.3127	5.4877	0.007737
187.	0.	2.51310	12.5771	12.4477	8.4528	359.766	28.2861	5.4778	0.007820
188.	0.	2.51129	12.5771	12.4477	8.4482	359.766	28.2572	5.4679	0.007905
189.	0.	2.50943	12.5770	12.4477	8.4436	359.766	28.2276	5.4580	0.007992
190.	0.	2.50753	12.5770	12.4477	8.4391	359.765	28.1976	5.4481	0.008080
191.	0.	2.50561	12.5769	12.4477	8.4346	359.765	28.1674	5.4382	0.008170
192.	0.	2.50354	12.5769	12.4477	8.4301	359.764	28.1293	5.4283	0.008262
193.	0.	2.50191	12.5769	12.4477	8.4271	359.764	28.0872	5.4083	0.008292

194.	0.	2.49983	12.5768	12.4477	8.4226	359.762	28.0529	5.3984	0.008389
195.	0.	2.49775	12.5768	12.4477	8.4181	359.761	28.0208	5.3885	0.008487
196.	0.	2.49553	12.5768	12.4477	8.4136	359.759	27.9816	5.3786	0.008587
197.	0.	2.49381	12.5768	12.4477	8.4105	359.759	27.9388	5.3586	0.008624
198.	0.	2.49162	12.5767	12.4477	8.4058	359.758	27.9038	5.3487	0.008728
199.	0.	2.48933	12.5767	12.4477	8.4011	359.758	27.8633	5.3388	0.008833
200.	0.	2.48750	12.5767	12.4477	8.3980	359.758	27.8198	5.3189	0.008877
201.	0.	2.48518	12.5767	12.4477	8.3933	359.758	27.7843	5.3090	0.008989
202.	0.	2.48276	12.5767	12.4477	8.3887	359.758	27.7434	5.2991	0.009102
203.	0.	2.48078	12.5767	12.4477	8.3856	359.759	27.6994	5.2792	0.009153
204.	0.	2.47831	12.5767	12.4477	8.3812	359.760	27.6634	5.2693	0.009273
205.	0.	2.47584	12.5766	12.4477	8.3767	359.761	27.6297	5.2594	0.009394
206.	0.	2.47324	12.5766	12.4477	8.3723	359.763	27.5892	5.2495	0.009518
207.	0.	2.47109	12.5766	12.4477	8.3695	359.765	27.5450	5.2296	0.009577
208.	0.	2.46845	12.5766	12.4477	8.3652	359.767	27.5087	5.2197	0.009707
209.	0.	2.46570	12.5766	12.4477	8.3609	359.769	27.4669	5.2098	0.009839
210.	0.	2.46341	12.5766	12.4477	8.3582	359.772	27.4219	5.1899	0.009906
211.	0.	2.46062	12.5766	12.4477	8.3540	359.775	27.3851	5.1800	0.010044
212.	0.	2.45774	12.5766	12.4477	8.3498	359.778	27.3429	5.1702	0.010183
213.	0.	2.45531	12.5766	12.4477	8.3472	359.781	27.2977	5.1503	0.010258
214.	0.	2.45239	12.5766	12.4477	8.3431	359.785	27.2607	5.1404	0.010404
215.	0.	2.44946	12.5766	12.4477	8.3390	359.788	27.2262	5.1306	0.010552
216.	0.	2.44644	12.5766	12.4477	8.3349	359.792	27.1846	5.1207	0.010701
217.	0.	2.44388	12.5767	12.4477	8.3323	359.796	27.1393	5.1008	0.010784
218.	0.	2.44073	12.5767	12.4477	8.3281	359.801	27.0943	5.0909	0.010938
219.	0.	2.43806	12.5767	12.4477	8.3256	359.805	27.0477	5.0710	0.011027
220.	0.	2.43489	12.5767	12.4477	8.3215	359.810	27.0101	5.0612	0.011189
221.	0.	2.43173	12.5767	12.4477	8.3174	359.815	26.9752	5.0514	0.011352
222.	0.	2.42856	12.5767	12.4477	8.3133	359.820	26.9415	5.0415	0.011517
223.	0.	2.42541	12.5768	12.4477	8.3091	359.825	26.9080	5.0317	0.011682
224.	0.	2.42229	12.5768	12.4477	8.3047	359.832	26.8743	5.0218	0.011846
225.	0.	2.41922	12.5768	12.4477	8.3000	359.839	26.8404	5.0120	0.012010
226.	0.	2.41624	12.5768	12.4477	8.2948	359.849	26.8064	5.0022	0.012171
227.	0.	2.41341	12.5769	12.4477	8.2890	359.863	26.7721	4.9923	0.012327
228.	0.	2.41064	12.5769	12.4477	8.2828	359.879	26.7385	4.9825	0.012483
229.	0.	2.40783	12.5769	12.4477	8.2767	359.895	26.7051	4.9726	0.012641
230.	0.	2.40500	12.5769	12.4477	8.2705	359.912	26.6719	4.9628	0.012801
231.	0.	2.40217	12.5770	12.4477	8.2643	359.930	26.6393	4.9530	0.012961
232.	0.	2.39938	12.5770	12.4477	8.2578	359.950	26.6079	4.9431	0.013121
233.	0.	2.39657	12.5770	12.4477	8.2513	359.971	26.5767	4.9333	0.013283
234.	0.	2.39375	12.5771	12.4477	8.2448	359.993	26.5457	4.9234	0.013446
235.	0.	2.39091	12.5771	12.4477	8.2383	0.015	26.5148	4.9136	0.013610
236.	0.	2.38805	12.5772	12.4477	8.2318	0.037	26.4842	4.9038	0.013775
237.	0.	2.38518	12.5772	12.4477	8.2253	0.059	26.4537	4.8939	0.013941
238.	0.	2.38229	12.5773	12.4477	8.2187	0.083	26.4234	4.8841	0.014108
239.	0.	2.37938	12.5773	12.4477	8.2122	0.106	26.3932	4.8743	0.014277
240.	0.	2.37646	12.5774	12.4477	8.2056	0.130	26.3631	4.8644	0.014447
241.	0.	2.37351	12.5774	12.4477	8.1991	0.153	26.3329	4.8546	0.014618
242.	0.	2.37055	12.5775	12.4477	8.1926	0.177	26.3028	4.8448	0.014790
243.	0.	2.36757	12.5775	12.4477	8.1861	0.202	26.2726	4.8350	0.014963
244.	0.	2.36456	12.5776	12.4477	8.1796	0.226	26.2423	4.8251	0.015137
245.	0.	2.36154	12.5776	12.4477	8.1731	0.250	26.2121	4.8153	0.015313
246.	0.	2.35852	12.5777	12.4477	8.1666	0.276	26.1823	4.8055	0.015489
247.	0.	2.35547	12.5778	12.4477	8.1600	0.301	26.1524	4.7957	0.015667
248.	0.	2.35240	12.5778	12.4477	8.1535	0.326	26.1223	4.7858	0.015846
249.	0.	2.34923	12.5779	12.4477	8.1470	0.351	26.0842	4.7760	0.016025
250.	0.	2.34653	12.5780	12.4477	8.1422	0.377	26.0421	4.7561	0.016134
251.	0.	2.34338	12.5780	12.4477	8.1358	0.402	26.0158	4.7463	0.016321
252.	0.	2.33974	12.5781	12.4477	8.1277	0.428	25.9959	4.7466	0.016581
253.	0.	2.33668	12.5782	12.4477	8.1214	0.454	25.9767	4.7368	0.016767
254.	0.	2.33318	12.5782	12.4477	8.1134	0.479	25.9675	4.7370	0.017026
255.	0.	2.32968	12.5783	12.4477	8.1054	0.505	25.9534	4.7373	0.017280
256.	0.	2.32673	12.5784	12.4477	8.0993	0.530	25.9367	4.7275	0.017459
257.	0.	2.32332	12.5784	12.4477	8.0914	0.556	25.9288	4.7277	0.017710
258.	0.	2.32000	12.5785	12.4477	8.0836	0.582	25.9237	4.7280	0.017958
259.	0.	2.31665	12.5785	12.4477	8.0758	0.608	25.9116	4.7282	0.018202
260.	0.	2.31383	12.5786	12.4477	8.0697	0.633	25.8962	4.7184	0.018370

261.	0.	2.31057	12.5787	12.4477	8.0620	0.659	25.8893	4.7186	0.018611
262.	0.	2.30738	12.5787	12.4477	8.0544	0.685	25.8851	4.7188	0.018849
263.	0.	2.30416	12.5788	12.4477	8.0467	0.711	25.8739	4.7191	0.019082
264.	0.	2.30147	12.5789	12.4477	8.0408	0.736	25.8592	4.7092	0.019241
265.	0.	2.29834	12.5789	12.4477	8.0332	0.762	25.8529	4.7095	0.019472
266.	0.	2.29531	12.5790	12.4477	8.0256	0.787	25.8493	4.7097	0.019699
267.	0.	2.29226	12.5790	12.4477	8.0178	0.812	25.8387	4.7099	0.019922
268.	0.	2.28973	12.5791	12.4477	8.0119	0.837	25.8246	4.7001	0.020071
269.	0.	2.28676	12.5792	12.4477	8.0042	0.861	25.8190	4.7003	0.020292
270.	0.	2.28386	12.5792	12.4477	7.9965	0.886	25.8160	4.7005	0.020510
271.	0.	2.28093	12.5793	12.4477	7.9889	0.911	25.8060	4.7007	0.020724
272.	0.	2.27851	12.5794	12.4477	7.9831	0.935	25.7924	4.6909	0.020865
273.	0.	2.27565	12.5794	12.4477	7.9755	0.959	25.7872	4.6911	0.021077
274.	0.	2.27285	12.5795	12.4477	7.9680	0.983	25.7846	4.6913	0.021287
275.	0.	2.27006	12.5795	12.4477	7.9603	1.008	25.7750	4.6915	0.021492
276.	0.	2.26778	12.5796	12.4477	7.9544	1.032	25.7620	4.6816	0.021625
277.	0.	2.26506	12.5797	12.4477	7.9468	1.057	25.7573	4.6818	0.021828
278.	0.	2.26241	12.5797	12.4477	7.9392	1.082	25.7550	4.6820	0.022029
279.	0.	2.25942	12.5798	12.4477	7.9313	1.107	25.7142	4.6822	0.022224
280.	0.	2.25840	12.5799	12.4477	7.9323	1.127	25.6146	4.6321	0.022067
281.	0.	2.25697	12.5801	12.4477	7.9332	1.147	25.4949	4.5819	0.021919
282.	0.	2.25520	12.5803	12.4477	7.9341	1.167	25.3665	4.5318	0.021784
283.	0.	2.25326	12.5804	12.4477	7.9347	1.188	25.2246	4.4816	0.021648
284.	0.	2.25168	12.5806	12.4477	7.9370	1.210	25.0767	4.4214	0.021441
285.	0.	2.24918	12.5808	12.4477	7.9374	1.232	24.9369	4.3713	0.021339
286.	0.	2.24636	12.5810	12.4477	7.9378	1.256	24.7970	4.3213	0.021258
287.	0.	2.24318	12.5812	12.4477	7.9381	1.280	24.6552	4.2712	0.021200
288.	0.	2.23956	12.5814	12.4477	7.9382	1.304	24.5045	4.2212	0.021165
289.	0.	2.23615	12.5817	12.4477	7.9403	1.328	24.3476	4.1611	0.021066
290.	0.	2.23176	12.5819	12.4477	7.9402	1.355	24.1962	4.1111	0.021086
291.	0.	2.22712	12.5821	12.4477	7.9399	1.384	24.0526	4.0611	0.021132
292.	0.	2.22142	12.5823	12.4477	7.9375	1.414	23.9122	4.0213	0.021307
293.	0.	2.21611	12.5825	12.4477	7.9366	1.446	23.7599	3.9714	0.021399
294.	0.	2.21047	12.5827	12.4477	7.9353	1.480	23.6021	3.9215	0.021516
295.	0.	2.20435	12.5829	12.4477	7.9337	1.514	23.4412	3.8717	0.021670
296.	0.	2.19774	12.5831	12.4477	7.9319	1.549	23.2777	3.8219	0.021864
297.	0.	2.19061	12.5833	12.4477	7.9300	1.585	23.1119	3.7721	0.022101
298.	0.	2.18295	12.5835	12.4477	7.9279	1.622	22.9441	3.7224	0.022385
299.	0.	2.17475	12.5837	12.4477	7.9257	1.659	22.7744	3.6727	0.022714
300.	0.	2.16598	12.5839	12.4477	7.9233	1.698	22.6030	3.6231	0.023095
301.	0.	2.15667	12.5840	12.4477	7.9207	1.737	22.4295	3.5735	0.023528
302.	0.	2.14682	12.5842	12.4477	7.9176	1.777	22.2543	3.5240	0.024012
303.	0.	2.13623	12.5843	12.4477	7.9143	1.815	22.0516	3.4745	0.024547
304.	0.	2.12725	12.5845	12.4477	7.9168	1.856	21.8123	3.3948	0.024750
305.	0.	2.11641	12.5846	12.4477	7.9163	1.897	21.5694	3.3252	0.025187
306.	0.	2.10449	12.5847	12.4477	7.9155	1.938	21.3220	3.2557	0.025730
307.	0.	2.09148	12.5848	12.4477	7.9142	1.978	21.0710	3.1864	0.026387
308.	0.	2.07732	12.5848	12.4477	7.9126	2.017	20.8202	3.1172	0.027169
309.	0.	2.06200	12.5848	12.4477	7.9106	2.056	20.5711	3.0481	0.028084
310.	0.	2.04546	12.5848	12.4477	7.9079	2.096	20.3108	2.9791	0.029133
311.	0.	2.02924	12.5848	12.4477	7.9072	2.147	20.1482	2.9002	0.030190
312.	0.	2.00070	12.5845	12.4477	7.8767	2.201	20.0453	2.9534	0.033399
313.	0.	1.98512	12.5845	12.4477	7.8802	2.231	19.8128	2.8643	0.034259
314.	0.	1.96776	12.5844	12.4477	7.8800	2.269	19.5667	2.7854	0.035381
315.	0.	1.94713	12.5842	12.4477	7.8751	2.308	19.3452	2.7270	0.037032
316.	0.	1.92466	12.5840	12.4477	7.8677	2.348	19.1324	2.6790	0.038977
317.	0.	1.90265	12.5838	12.4477	7.8623	2.389	18.9089	2.6208	0.040819
318.	0.	1.87964	12.5836	12.4477	7.8566	2.425	18.6424	2.5628	0.042768
319.	0.	1.85963	12.5834	12.4477	7.8591	2.462	18.3181	2.4641	0.044098
320.	0.	1.83613	12.5831	12.4477	7.8587	2.499	17.9918	2.3760	0.045958
321.	0.	1.80929	12.5828	12.4477	7.8553	2.536	17.6620	2.2984	0.048354
322.	0.	1.78201	12.5825	12.4477	7.8529	2.584	17.3755	2.2108	0.050838
323.	0.	1.74626	12.5821	12.4477	7.8371	2.638	17.1918	2.1850	0.054961
324.	0.	1.71030	12.5818	12.4477	7.8208	2.689	17.0247	2.1692	0.059154
325.	0.	1.67897	12.5815	12.4477	7.8135	2.736	16.8375	2.1225	0.062519
326.	0.	1.64633	12.5813	12.4477	7.8052	2.770	16.5834	2.0861	0.066085
327.	0.	1.62127	12.5811	12.4477	7.8136	2.788	16.1663	1.9781	0.068142

328.	0.	1.59774	12.5810	12.4477	7.8268	2.808	15.6494	1.8298	0.069770
329.	0.	1.56865	12.5808	12.4477	7.8342	2.868	15.2144	1.6824	0.072439
330.	0.	1.51912	12.5806	12.4477	7.8134	2.952	14.9922	1.6494	0.079404
331.	0.	1.46614	12.5803	12.4477	7.7880	3.030	14.8355	1.6571	0.087058
332.	0.	1.42306	12.5803	12.4477	7.7812	3.063	14.5379	1.6126	0.092645
333.	0.	1.39118	12.5804	12.4477	7.7966	3.066	14.0653	1.4760	0.095982
334.	0.	1.35040	12.5807	12.4477	7.8251	3.037	13.5738	1.3410	0.100995
335.	0.	1.29502	12.5812	12.4477	7.8440	2.980	13.1522	1.2492	0.109238
336.	0.	1.23265	12.5817	12.4477	7.8527	2.929	12.8057	1.1892	0.119237
337.	0.	1.17227	12.5822	12.4477	7.8551	2.924	12.5293	1.1391	0.129084
338.	0.	1.11844	12.5826	12.4477	7.8041	3.000	12.2194	1.1080	0.138008
339.	0.	1.06867	12.5831	12.4477	7.8042	2.997	11.8611	1.0359	0.145852
340.	0.	1.02040	12.5837	12.4477	7.8179	2.952	11.6057	0.9537	0.153693
341.	0.	0.95884	12.5840	12.4477	7.8010	3.005	11.6003	0.9645	0.164531
342.	0.	0.90819	12.5843	12.4477	7.7310	3.146	11.7134	1.0030	0.173024
343.	0.	0.86566	12.5844	12.4477	7.7011	3.274	11.9187	1.0395	0.179510
344.	0.	0.83139	12.5845	12.4477	7.6869	3.397	12.1772	1.0743	0.184345
345.	0.	0.80315	12.5845	12.4477	7.6748	3.533	12.5216	1.1181	0.188112
346.	0.	0.77914	12.5845	12.4477	7.6573	3.675	12.9163	1.1812	0.191166
347.	0.	0.76155	12.5845	12.4477	7.6429	3.784	13.2036	1.2332	0.193244
348.	0.	0.75113	12.5845	12.4477	7.6412	3.851	13.3556	1.2443	0.194347
349.	0.	0.74200	12.5845	12.4477	7.6391	3.898	13.4383	1.2553	0.195284
350.	0.	0.73477	12.5845	12.4477	7.6399	3.937	13.4973	1.2560	0.195989
351.	0.	0.72714	12.5845	12.4477	7.6371	3.973	13.5498	1.2667	0.196748
352.	0.	0.72109	12.5845	12.4477	7.6373	4.000	13.5776	1.2673	0.197317
353.	0.	0.71554	12.5845	12.4477	7.6374	4.050	13.6910	1.2678	0.197849
354.	0.	0.70731	12.5845	12.4477	7.6243	4.190	14.1465	1.3088	0.198777
355.	0.	0.69343	12.5844	12.4477	7.5807	4.417	14.9263	1.4404	0.200367
356.	0.	0.68279	12.5842	12.4477	7.5360	4.651	15.7123	1.5715	0.201544
357.	0.	0.67455	12.5841	12.4477	7.4939	4.820	16.2183	1.6924	0.202395
358.	0.	0.67188	12.5840	12.4477	7.4772	4.871	16.3106	1.7327	0.202655
359.	0.	0.67367	12.5841	12.4477	7.4830	4.867	16.2787	1.7025	0.202495
360.	0.	0.67410	12.5841	12.4477	7.4823	4.856	16.2224	1.6924	0.202448
361.	0.	0.67451	12.5840	12.4477	7.4816	4.841	16.1553	1.6824	0.202402
362.	0.	0.67469	12.5840	12.4477	7.4808	4.797	15.9754	1.6724	0.202356
363.	0.	0.67786	12.5841	12.4477	7.4963	4.677	15.5496	1.6120	0.201988
364.	0.	0.68534	12.5842	12.4477	7.5320	4.510	15.0026	1.4911	0.201147
365.	0.	0.69180	12.5843	12.4477	7.5651	4.280	14.2528	1.3803	0.200287
366.	0.	0.70595	12.5845	12.4477	7.6376	3.925	13.1219	1.1683	0.198254
367.	0.	0.72357	12.5851	12.4477	7.7524	3.470	11.5721	0.8748	0.194816
368.	0.	0.70241	12.5912	12.4477	8.2611	2.910	11.5156	0.5466	0.196577
369.	0.	0.42286	13.0565	12.4477	10.4525	1.821	15.1016	0.2733	0.263328