

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.	1.04291	3.6739	3.7345	3.3153	0.000	31.5180	7.8600	0.000000
1.	0.	1.04356	3.6738	3.7345	3.3142	0.000	31.5261	7.8600	-0.000003
2.	0.	1.04411	3.6738	3.7345	3.3131	0.000	31.5324	7.8500	-0.000008
3.	0.	1.04466	3.6737	3.7345	3.3120	0.000	31.5399	7.8400	-0.000013
4.	0.	1.04530	3.6737	3.7345	3.3109	0.000	31.5479	7.8400	-0.000016
5.	0.	1.04586	3.6736	3.7345	3.3099	0.000	31.5560	7.8300	-0.000021
6.	0.	1.04649	3.6736	3.7345	3.3089	0.000	31.5641	7.8300	-0.000025
7.	0.	1.04703	3.6736	3.7345	3.3078	0.000	31.5723	7.8200	-0.000029
8.	0.	1.04766	3.6735	3.7345	3.3068	0.000	31.5805	7.8200	-0.000033
9.	0.	1.04819	3.6735	3.7345	3.3058	0.000	31.5870	7.8100	-0.000038
10.	0.	1.04872	3.6734	3.7345	3.3048	0.000	31.5947	7.8000	-0.000042
11.	0.	1.04934	3.6734	3.7345	3.3038	0.000	31.6028	7.8000	-0.000046
12.	0.	1.04987	3.6734	3.7345	3.3028	0.000	31.6110	7.7899	-0.000051
13.	0.	1.05048	3.6733	3.7345	3.3019	0.000	31.6193	7.7899	-0.000054
14.	0.	1.05100	3.6733	3.7345	3.3010	0.000	31.6276	7.7799	-0.000059
15.	0.	1.05160	3.6733	3.7345	3.3001	0.000	31.6360	7.7799	-0.000062
16.	0.	1.05211	3.6732	3.7345	3.2991	0.000	31.6425	7.7699	-0.000067
17.	0.	1.05262	3.6732	3.7345	3.2982	0.000	31.6503	7.7599	-0.000072
18.	0.	1.05321	3.6731	3.7345	3.2973	0.000	31.6584	7.7599	-0.000075
19.	0.	1.05372	3.6731	3.7345	3.2964	0.000	31.6667	7.7499	-0.000080
20.	0.	1.05431	3.6731	3.7345	3.2956	0.000	31.6750	7.7499	-0.000083
21.	0.	1.05481	3.6730	3.7345	3.2947	0.000	31.6832	7.7399	-0.000088
22.	0.	1.05539	3.6730	3.7345	3.2939	0.000	31.6915	7.7399	-0.000091
23.	0.	1.05589	3.6729	3.7345	3.2931	0.000	31.6998	7.7299	-0.000096
24.	0.	1.05646	3.6729	3.7345	3.2923	0.000	31.7080	7.7299	-0.000099
25.	0.	1.05694	3.6729	3.7345	3.2915	0.000	31.7145	7.7199	-0.000104
26.	0.	1.05742	3.6728	3.7345	3.2906	0.000	31.7221	7.7099	-0.000109
27.	0.	1.05799	3.6728	3.7345	3.2899	0.000	31.7300	7.7099	-0.000112
28.	0.	1.05846	3.6728	3.7345	3.2891	0.000	31.7381	7.6999	-0.000117
29.	0.	1.05899	3.6727	3.7345	3.2883	0.000	31.7407	7.6999	-0.000120
30.	0.	1.05913	3.6726	3.7345	3.2873	0.001	31.7364	7.6599	-0.000129
31.	0.	1.05933	3.6725	3.7345	3.2862	0.001	31.7294	7.6299	-0.000137
32.	0.	1.05943	3.6724	3.7345	3.2852	0.001	31.7216	7.5899	-0.000147
33.	0.	1.05961	3.6724	3.7345	3.2841	0.001	31.7134	7.5598	-0.000155
34.	0.	1.05970	3.6723	3.7345	3.2831	0.001	31.7055	7.5198	-0.000165
35.	0.	1.05987	3.6722	3.7345	3.2821	0.001	31.6972	7.4898	-0.000173
36.	0.	1.05994	3.6721	3.7345	3.2810	0.001	31.6896	7.4498	-0.0

60.	0.	1.05625	3.6701	3.7345	3.2564	0.005	31.2974	6.3395	-0.000517
61.	0.	1.05592	3.6700	3.7345	3.2554	0.005	31.2752	6.2895	-0.000536
62.	0.	1.05571	3.6700	3.7345	3.2546	0.005	31.2530	6.2494	-0.000552
63.	0.	1.05535	3.6699	3.7345	3.2537	0.005	31.2282	6.1994	-0.000572
64.	0.	1.05498	3.6699	3.7345	3.2528	0.006	31.2019	6.1494	-0.000592
65.	0.	1.05460	3.6698	3.7345	3.2519	0.006	31.1747	6.0994	-0.000613
66.	0.	1.05421	3.6698	3.7345	3.2510	0.006	31.1466	6.0494	-0.000634
67.	0.	1.05380	3.6698	3.7345	3.2502	0.006	31.1177	5.9993	-0.000656
68.	0.	1.05338	3.6697	3.7345	3.2493	0.006	31.0881	5.9493	-0.000678
69.	0.	1.05295	3.6697	3.7345	3.2485	0.006	31.0576	5.8993	-0.000700
70.	0.	1.05253	3.6697	3.7345	3.2477	0.006	31.0290	5.8493	-0.000723
71.	0.	1.05226	3.6697	3.7345	3.2470	0.006	31.0034	5.8093	-0.000743
72.	0.	1.05198	3.6697	3.7345	3.2463	0.006	30.9785	5.7692	-0.000763
73.	0.	1.05168	3.6697	3.7345	3.2456	0.006	30.9508	5.7292	-0.000784
74.	0.	1.05125	3.6697	3.7345	3.2448	0.006	30.9219	5.6792	-0.000809
75.	0.	1.05096	3.6697	3.7345	3.2441	0.007	30.8948	5.6392	-0.000831
76.	0.	1.05066	3.6697	3.7345	3.2434	0.007	30.8678	5.5991	-0.000853
77.	0.	1.05036	3.6697	3.7345	3.2428	0.007	30.8405	5.5591	-0.000875
78.	0.	1.05006	3.6697	3.7345	3.2421	0.007	30.8127	5.5191	-0.000898
79.	0.	1.04975	3.6697	3.7345	3.2415	0.007	30.7844	5.4791	-0.000921
80.	0.	1.04945	3.6697	3.7345	3.2408	0.007	30.7561	5.4391	-0.000945
81.	0.	1.04914	3.6698	3.7345	3.2402	0.007	30.7276	5.3990	-0.000969
82.	0.	1.04883	3.6698	3.7345	3.2395	0.007	30.6984	5.3590	-0.000994
83.	0.	1.04852	3.6698	3.7345	3.2389	0.007	30.6688	5.3190	-0.001019
84.	0.	1.04819	3.6699	3.7345	3.2382	0.006	30.6385	5.2790	-0.001045
85.	0.	1.04785	3.6699	3.7345	3.2376	0.006	30.6075	5.2389	-0.001071
86.	0.	1.04751	3.6699	3.7345	3.2370	0.005	30.5758	5.1989	-0.001098
87.	0.	1.04717	3.6700	3.7345	3.2364	0.005	30.5434	5.1589	-0.001125
88.	0.	1.04681	3.6700	3.7345	3.2358	0.005	30.5102	5.1188	-0.001153
89.	0.	1.04646	3.6701	3.7345	3.2353	0.005	30.4762	5.0788	-0.001182
90.	0.	1.04611	3.6701	3.7345	3.2348	0.004	30.4452	5.0388	-0.001211
91.	0.	1.04590	3.6702	3.7345	3.2343	0.004	30.4145	5.0088	-0.001234
92.	0.	1.04554	3.6702	3.7345	3.2338	0.004	30.3801	4.9687	-0.001265
93.	0.	1.04516	3.6703	3.7345	3.2333	0.004	30.3437	4.9287	-0.001296
94.	0.	1.04477	3.6704	3.7345	3.2329	0.004	30.3062	4.8887	-0.001327
95.	0.	1.04439	3.6704	3.7345	3.2325	0.004	30.2690	4.8486	-0.001360
96.	0.	1.04402	3.6705	3.7345	3.2321	0.004	30.2331	4.8086	-0.001393
97.	0.	1.04364	3.6706	3.7345	3.2317	0.004	30.1963	4.7686	-0.001427
98.	0.	1.04324	3.6707	3.7345	3.2314	0.004	30.1588	4.7285	-0.001461
99.	0.	1.04283	3.6708	3.7345	3.2310	0.004	30.1203	4.6885	-0.001496
100.	0.	1.04244	3.6709	3.7345	3.2307	0.004	30.0850	4.6485	-0.001532
101.	0.	1.04221	3.6709	3.7345	3.2305	0.005	30.0537	4.6184	-0.001561
102.	0.	1.04203	3.6710	3.7345	3.2302	0.006	30.0274	4.5884	-0.001590
103.	0.	1.04201	3.6710	3.7345	3.2300	0.006	30.0067	4.5684	-0.001612
104.	0.	1.04192	3.6711	3.7345	3.2298	0.007	29.9797	4.5484	-0.001634
105.	0.	1.04156	3.6712	3.7345	3.2296	0.007	29.9462	4.5083	-0.001673
106.	0.	1.04132	3.6712	3.7345	3.2294	0.008	29.9145	4.4783	-0.001704
107.	0.	1.04106	3.6713	3.7345	3.2292	0.009	29.8786	4.4483	-0.001736
108.	0.	1.04069	3.6714	3.7345	3.2290	0.010	29.8408	4.4082	-0.001777
109.	0.	1.04045	3.6715	3.7345	3.2288	0.012	29.8012	4.3782	-0.001810
110.	0.	1.04010	3.6716	3.7345	3.2285	0.014	29.7609	4.3381	-0.001854
111.	0.	1.03987	3.6717	3.7345	3.2283	0.016	29.7249	4.3081	-0.001889
112.	0.	1.03962	3.6717	3.7345	3.2281	0.018	29.6854	4.2781	-0.001924
113.	0.	1.03925	3.6719	3.7345	3.2280	0.020	29.6441	4.2380	-0.001970
114.	0.	1.03899	3.6720	3.7345	3.2278	0.022	29.6016	4.2080	-0.002007
115.	0.	1.03862	3.6721	3.7345	3.2277	0.023	29.5577	4.1679	-0.002055
116.	0.	1.03837	3.6722	3.7345	3.2276	0.024	29.5179	4.1379	-0.002093
117.	0.	1.03810	3.6723	3.7345	3.2275	0.025	29.4754	4.1079	-0.002132
118.	0.	1.03773	3.6724	3.7345	3.2275	0.027	29.4315	4.0678	-0.002183
119.	0.	1.03745	3.6725	3.7345	3.2274	0.028	29.3864	4.0378	-0.002223
120.	0.	1.03708	3.6726	3.7345	3.2274	0.029	29.3400	3.9977	-0.002276
121.	0.	1.03680	3.6727	3.7345	3.2274	0.030	29.2931	3.9677	-0.002319
122.	0.	1.03643	3.6729	3.7345	3.2275	0.031	29.2451	3.9276	-0.002374
123.	0.	1.03617	3.6730	3.7345	3.2275	0.032	29.2015	3.8976	-0.002419
124.	0.	1.03590	3.6731	3.7345	3.2276	0.033	29.1535	3.8675	-0.002464
125.	0.	1.03555	3.6732	3.7345	3.2277	0.036	29.1029	3.8275	-0.002524
126.	0.	1.03527	3.6733	3.7345	3.2278	0.037	29.0509	3.7974	-0.002571

127.	0.	1.03491	3.6735	3.7345	3.2280	0.039	28.9974	3.7574	-0.002634
128.	0.	1.03467	3.6736	3.7345	3.2281	0.040	28.9490	3.7273	-0.002683
129.	0.	1.03440	3.6737	3.7345	3.2282	0.042	28.8957	3.6973	-0.002734
130.	0.	1.03405	3.6739	3.7345	3.2285	0.044	28.8396	3.6572	-0.002801
131.	0.	1.03378	3.6740	3.7345	3.2287	0.046	28.7828	3.6271	-0.002855
132.	0.	1.03343	3.6742	3.7345	3.2291	0.048	28.7249	3.5871	-0.002925
133.	0.	1.03319	3.6743	3.7345	3.2293	0.050	28.6723	3.5570	-0.002981
134.	0.	1.03290	3.6744	3.7345	3.2296	0.052	28.6081	3.5270	-0.003038
135.	0.	1.03240	3.6746	3.7345	3.2301	0.055	28.5249	3.4769	-0.003131
136.	0.	1.03185	3.6749	3.7345	3.2306	0.057	28.4274	3.4268	-0.003228
137.	0.	1.03124	3.6751	3.7345	3.2313	0.061	28.3224	3.3667	-0.003348
138.	0.	1.03072	3.6754	3.7345	3.2319	0.064	28.2220	3.3165	-0.003453
139.	0.	1.03023	3.6756	3.7345	3.2326	0.068	28.1213	3.2664	-0.003562
140.	0.	1.02971	3.6758	3.7345	3.2333	0.072	28.0114	3.2163	-0.003676
141.	0.	1.02916	3.6761	3.7345	3.2343	0.076	27.8947	3.1562	-0.003816
142.	0.	1.02868	3.6764	3.7345	3.2351	0.081	27.7879	3.1061	-0.003938
143.	0.	1.02818	3.6766	3.7345	3.2360	0.085	27.6720	3.0559	-0.004065
144.	0.	1.02766	3.6770	3.7345	3.2372	0.091	27.5485	2.9958	-0.004222
145.	0.	1.02718	3.6772	3.7345	3.2382	0.097	27.4288	2.9456	-0.004360
146.	0.	1.02666	3.6775	3.7345	3.2393	0.103	27.2986	2.8955	-0.004502
147.	0.	1.02613	3.6778	3.7345	3.2406	0.110	27.1591	2.8353	-0.004679
148.	0.	1.02563	3.6781	3.7345	3.2417	0.117	27.0316	2.7852	-0.004831
149.	0.	1.02512	3.6783	3.7345	3.2425	0.124	26.9144	2.7450	-0.004954
150.	0.	1.02462	3.6785	3.7345	3.2433	0.132	26.8061	2.7049	-0.005079
151.	0.	1.02405	3.6787	3.7345	3.2437	0.140	26.7004	2.6748	-0.005172
152.	0.	1.02345	3.6789	3.7345	3.2443	0.150	26.5819	2.6347	-0.005299
153.	0.	1.02281	3.6791	3.7345	3.2447	0.161	26.4694	2.5946	-0.005426
154.	0.	1.02201	3.6793	3.7345	3.2447	0.170	26.3567	2.5645	-0.005514
155.	0.	1.02118	3.6795	3.7345	3.2447	0.181	26.2286	2.5244	-0.005639
156.	0.	1.02027	3.6797	3.7345	3.2444	0.193	26.1011	2.4842	-0.005761
157.	0.	1.01915	3.6799	3.7345	3.2435	0.204	25.9730	2.4542	-0.005837
158.	0.	1.01796	3.6801	3.7345	3.2424	0.217	25.8278	2.4140	-0.005951
159.	0.	1.01661	3.6803	3.7345	3.2408	0.231	25.6730	2.3739	-0.006058
160.	0.	1.01510	3.6805	3.7345	3.2386	0.245	25.5204	2.3338	-0.006155
161.	0.	1.01328	3.6807	3.7345	3.2354	0.259	25.3684	2.3038	-0.006195
162.	0.	1.01135	3.6809	3.7345	3.2318	0.275	25.1984	2.2637	-0.006270
163.	0.	1.00911	3.6811	3.7345	3.2275	0.293	25.0320	2.2237	-0.006325
164.	0.	1.00634	3.6813	3.7345	3.2223	0.312	24.8708	2.1937	-0.006307
165.	0.	1.00336	3.6815	3.7345	3.2167	0.341	24.6924	2.1537	-0.006321
166.	0.	0.99989	3.6818	3.7345	3.2106	0.373	24.5197	2.1137	-0.006305
167.	0.	0.99574	3.6819	3.7345	3.2035	0.404	24.3545	2.0838	-0.006201
168.	0.	0.99133	3.6821	3.7345	3.1957	0.446	24.1743	2.0439	-0.006124
169.	0.	0.98669	3.6819	3.7345	3.1867	0.505	23.9968	2.0040	-0.006023
170.	0.	0.98173	3.6815	3.7345	3.1762	0.574	23.8203	1.9742	-0.005844
171.	0.	0.97717	3.6813	3.7345	3.1655	0.677	23.6223	1.9343	-0.005735
172.	0.	0.97230	3.6809	3.7345	3.1532	0.790	23.4276	1.8944	-0.005592
173.	0.	0.96696	3.6800	3.7345	3.1392	0.911	23.2420	1.8646	-0.005354
174.	0.	0.96179	3.6793	3.7345	3.1251	1.059	23.0357	1.8248	-0.005179
175.	0.	0.95614	3.6788	3.7345	3.1107	1.230	22.8473	1.7850	-0.004964
176.	0.	0.94906	3.6782	3.7345	3.0949	1.391	22.7213	1.7655	-0.004528
177.	0.	0.94114	3.6777	3.7345	3.0797	1.551	22.6463	1.7560	-0.003983
178.	0.	0.93290	3.6773	3.7345	3.0661	1.714	22.5827	1.7466	-0.003434
179.	0.	0.92498	3.6769	3.7345	3.0538	1.892	22.5146	1.7270	-0.002970
180.	0.	0.91697	3.6766	3.7345	3.0405	2.074	22.4626	1.7176	-0.002436
181.	0.	0.90922	3.6763	3.7345	3.0274	2.264	22.4057	1.7081	-0.001924
182.	0.	0.90224	3.6763	3.7345	3.0149	2.471	22.3296	1.6885	-0.001519
183.	0.	0.89519	3.6763	3.7345	3.0016	2.681	22.2704	1.6790	-0.001046
184.	0.	0.88820	3.6764	3.7345	2.9887	2.890	22.2079	1.6694	-0.000585
185.	0.	0.88160	3.6766	3.7345	2.9771	3.107	22.1383	1.6498	-0.000210
186.	0.	0.87444	3.6768	3.7345	2.9641	3.296	21.9863	1.6402	0.000239
187.	0.	0.86915	3.6778	3.7345	2.9582	3.552	21.6330	1.5501	0.000055
188.	0.	0.86133	3.6791	3.7345	2.9466	3.823	21.2015	1.4600	0.000049
189.	0.	0.85033	3.6807	3.7345	2.9273	4.106	20.7083	1.3703	0.000309
190.	0.	0.83565	3.6828	3.7345	2.9001	4.412	20.1599	1.2708	0.000844
191.	0.	0.81556	3.6854	3.7345	2.8637	4.742	19.6767	1.1719	0.001949
192.	0.	0.78855	3.6875	3.7345	2.8185	4.996	19.2450	1.1343	0.004251
193.	0.	0.76022	3.6912	3.7345	2.7829	5.261	18.3857	0.9755	0.005539

194.	0.	0.71707	3.6960	3.7345	2.7257	5.668	17.3148	0.7683	0.008295
195.	0.	0.62479	3.7019	3.7345	2.7009	5.399	16.7717	0.6286	0.018604
196.	0.	0.54778	3.7058	3.7345	2.5818	5.925	16.8646	0.5695	0.029493
197.	0.	0.47154	3.7082	3.7345	2.5352	6.293	18.1906	0.6091	0.039115
198.	0.	0.42411	3.7095	3.7345	2.5165	6.646	19.9555	0.6540	0.043976
199.	0.	0.39742	3.7099	3.7345	2.5056	6.945	21.5805	0.7064	0.046413
200.	0.	0.38311	3.7101	3.7345	2.5031	7.180	22.8238	0.7376	0.047576
201.	0.	0.37491	3.7099	3.7345	2.4958	7.416	23.8477	0.7783	0.048315
202.	0.	0.37037	3.7097	3.7345	2.4866	7.625	24.6164	0.8188	0.048787
203.	0.	0.36804	3.7094	3.7345	2.4790	7.805	25.2202	0.8491	0.049069
204.	0.	0.36693	3.7091	3.7345	2.4668	7.970	25.8109	0.8893	0.049322
205.	0.	0.36654	3.7088	3.7345	2.4547	8.154	26.2414	0.9295	0.049521
206.	0.	0.36665	3.7085	3.7345	2.4425	8.336	26.5872	0.9697	0.049684
207.	0.	0.36710	3.7082	3.7345	2.4302	8.512	26.8692	1.0098	0.049822
208.	0.	0.36777	3.7078	3.7345	2.4181	8.681	27.0978	1.0499	0.049940
209.	0.	0.36861	3.7076	3.7345	2.4062	8.843	27.2831	1.0900	0.050043
210.	0.	0.36956	3.7073	3.7345	2.3939	8.997	27.4054	1.1301	0.050134
211.	0.	0.37067	3.7071	3.7345	2.3853	9.121	27.4862	1.1502	0.050168
212.	0.	0.37179	3.7070	3.7345	2.3766	9.230	27.5577	1.1702	0.050199
213.	0.	0.37300	3.7070	3.7345	2.3696	9.330	27.6165	1.1802	0.050205
214.	0.	0.37426	3.7069	3.7345	2.3623	9.432	27.6897	1.1902	0.050210
215.	0.	0.37531	3.7068	3.7345	2.3542	9.502	27.7256	1.2102	0.050235
216.	0.	0.37648	3.7068	3.7345	2.3510	9.549	27.7529	1.2002	0.050195
217.	0.	0.37772	3.7068	3.7345	2.3454	9.579	27.8029	1.2002	0.050175
218.	0.	0.37899	3.7068	3.7345	2.3414	9.601	27.8355	1.1901	0.050132
219.	0.	0.38044	3.7068	3.7345	2.3377	9.561	28.0195	1.1801	0.050088
220.	0.	0.38165	3.7067	3.7345	2.3311	9.577	28.0988	1.1901	0.050091
221.	0.	0.38291	3.7066	3.7345	2.3227	9.602	28.1748	1.2101	0.050117
222.	0.	0.38420	3.7064	3.7345	2.3144	9.617	28.2484	1.2301	0.050142
223.	0.	0.38557	3.7063	3.7345	2.3058	9.611	28.3278	1.2502	0.050165
224.	0.	0.38698	3.7062	3.7345	2.2969	9.592	28.3865	1.2702	0.050187
225.	0.	0.38845	3.7061	3.7345	2.2895	9.563	28.4471	1.2802	0.050188
226.	0.	0.38984	3.7060	3.7345	2.2811	9.548	28.5057	1.3002	0.050207
227.	0.	0.39108	3.7059	3.7345	2.2754	9.557	28.5559	1.3102	0.050208
228.	0.	0.39230	3.7059	3.7345	2.2689	9.582	28.6169	1.3302	0.050227
229.	0.	0.39353	3.7060	3.7345	2.2628	9.621	28.6802	1.3502	0.050245
230.	0.	0.39475	3.7058	3.7345	2.2553	9.655	28.7323	1.3803	0.050278
231.	0.	0.39585	3.7057	3.7345	2.2479	9.666	28.7200	1.4103	0.050309
232.	0.	0.39692	3.7057	3.7345	2.2468	9.658	28.7287	1.3903	0.050261
233.	0.	0.39811	3.7058	3.7345	2.2466	9.652	28.8274	1.3702	0.050208
234.	0.	0.39940	3.7058	3.7345	2.2460	9.613	28.9939	1.3502	0.050153
235.	0.	0.40056	3.7058	3.7345	2.2443	9.613	29.0786	1.3401	0.050115
236.	0.	0.40169	3.7058	3.7345	2.2426	9.608	29.1456	1.3301	0.050077
237.	0.	0.40284	3.7058	3.7345	2.2424	9.606	29.2276	1.3100	0.050019
238.	0.	0.40416	3.7058	3.7345	2.2393	9.572	29.4188	1.3100	0.050000
239.	0.	0.40533	3.7056	3.7345	2.2312	9.585	29.5122	1.3501	0.050057
240.	0.	0.40649	3.7054	3.7345	2.2234	9.589	29.5621	1.3901	0.050110
241.	0.	0.40755	3.7053	3.7345	2.2176	9.608	29.5832	1.4201	0.050142
242.	0.	0.40858	3.7052	3.7345	2.2132	9.626	29.6024	1.4402	0.050158
243.	0.	0.40964	3.7051	3.7345	2.2088	9.656	29.6263	1.4602	0.050172
244.	0.	0.41073	3.7050	3.7345	2.2042	9.696	29.6478	1.4802	0.050186
245.	0.	0.41181	3.7050	3.7345	2.1995	9.729	29.6635	1.5002	0.050199
246.	0.	0.41279	3.7049	3.7345	2.1956	9.739	29.6708	1.5202	0.050212
247.	0.	0.41374	3.7048	3.7345	2.1909	9.739	29.6570	1.5502	0.050237
248.	0.	0.41463	3.7047	3.7345	2.1872	9.730	29.6279	1.5702	0.050249
249.	0.	0.41555	3.7047	3.7345	2.1835	9.721	29.6091	1.5903	0.050260
250.	0.	0.41646	3.7046	3.7345	2.1800	9.708	29.5864	1.6103	0.050270
251.	0.	0.41736	3.7046	3.7345	2.1764	9.688	29.5570	1.6303	0.050279
252.	0.	0.41818	3.7046	3.7345	2.1739	9.670	29.5297	1.6403	0.050277
253.	0.	0.41899	3.7046	3.7345	2.1726	9.663	29.5369	1.6403	0.050265
254.	0.	0.41981	3.7045	3.7345	2.1706	9.656	29.5416	1.6503	0.050263
255.	0.	0.42057	3.7045	3.7345	2.1696	9.649	29.5435	1.6503	0.050251
256.	0.	0.42140	3.7045	3.7345	2.1676	9.647	29.5464	1.6602	0.050249
257.	0.	0.42219	3.7045	3.7345	2.1664	9.648	29.5493	1.6602	0.050236
258.	0.	0.42303	3.7044	3.7345	2.1644	9.651	29.5541	1.6702	0.050234
259.	0.	0.42384	3.7044	3.7345	2.1632	9.658	29.5594	1.6702	0.050222
260.	0.	0.42468	3.7044	3.7345	2.1613	9.665	29.5663	1.6802	0.050220

261.	0.	0.42553	3.7044	3.7345	2.1598	9.658	29.5856	1.6802	0.050208
262.	0.	0.42642	3.7043	3.7345	2.1575	9.640	29.6105	1.6902	0.050206
263.	0.	0.42722	3.7043	3.7345	2.1560	9.620	29.6387	1.6902	0.050195
264.	0.	0.42804	3.7043	3.7345	2.1540	9.591	29.6715	1.7002	0.050194
265.	0.	0.42882	3.7043	3.7345	2.1529	9.557	29.7183	1.7002	0.050184
266.	0.	0.42959	3.7042	3.7345	2.1506	9.506	29.7310	1.7102	0.050182
267.	0.	0.42993	3.7044	3.7345	2.1509	9.426	29.6656	1.6801	0.050142
268.	0.	0.43016	3.7046	3.7345	2.1527	9.366	29.6095	1.6401	0.050088
269.	0.	0.43044	3.7047	3.7345	2.1552	9.322	29.5773	1.6000	0.050030
270.	0.	0.43086	3.7049	3.7345	2.1584	9.313	29.6116	1.5600	0.049968
271.	0.	0.43183	3.7048	3.7345	2.1576	9.365	29.7504	1.5700	0.049969
272.	0.	0.43313	3.7044	3.7345	2.1518	9.440	29.8705	1.6400	0.050043
273.	0.	0.43401	3.7042	3.7345	2.1453	9.446	29.7873	1.7101	0.050109
274.	0.	0.43427	3.7043	3.7345	2.1446	9.410	29.6781	1.7001	0.050092
275.	0.	0.43471	3.7044	3.7345	2.1445	9.382	29.6543	1.6901	0.050073
276.	0.	0.43513	3.7045	3.7345	2.1443	9.337	29.6079	1.6801	0.050052
277.	0.	0.43556	3.7045	3.7345	2.1442	9.286	29.5537	1.6700	0.050030
278.	0.	0.43605	3.7046	3.7345	2.1441	9.239	29.5268	1.6600	0.050008
279.	0.	0.43665	3.7046	3.7345	2.1434	9.191	29.5112	1.6600	0.049997
280.	0.	0.43710	3.7046	3.7345	2.1433	9.137	29.4708	1.6500	0.049974
281.	0.	0.43749	3.7047	3.7345	2.1433	9.078	29.4245	1.6400	0.049952
282.	0.	0.43786	3.7047	3.7345	2.1435	9.023	29.3745	1.6299	0.049930
283.	0.	0.43821	3.7048	3.7345	2.1436	8.970	29.3238	1.6199	0.049908
284.	0.	0.43856	3.7049	3.7345	2.1438	8.918	29.2741	1.6099	0.049886
285.	0.	0.43828	3.7050	3.7345	2.1428	8.762	28.9616	1.5999	0.049863
286.	0.	0.43646	3.7058	3.7345	2.1512	8.463	28.3218	1.4797	0.049691
287.	0.	0.43437	3.7066	3.7345	2.1647	8.131	27.6155	1.3394	0.049440
288.	0.	0.43300	3.7073	3.7345	2.1802	7.914	27.1344	1.2192	0.049162
289.	0.	0.43271	3.7074	3.7345	2.1818	7.843	26.9795	1.2091	0.049128
290.	0.	0.43252	3.7074	3.7345	2.1838	7.800	26.8886	1.1991	0.049095
291.	0.	0.43230	3.7075	3.7345	2.1874	7.762	26.8174	1.1790	0.049036
292.	0.	0.43203	3.7076	3.7345	2.1898	7.725	26.7585	1.1690	0.049006
293.	0.	0.43160	3.7077	3.7345	2.1938	7.678	26.6716	1.1489	0.048949
294.	0.	0.43105	3.7078	3.7345	2.1981	7.625	26.5768	1.1289	0.048892
295.	0.	0.43035	3.7079	3.7345	2.2026	7.570	26.4781	1.1088	0.048839
296.	0.	0.42945	3.7080	3.7345	2.2075	7.513	26.3787	1.0888	0.048789
297.	0.	0.42834	3.7082	3.7345	2.2128	7.456	26.2792	1.0687	0.048745
298.	0.	0.42700	3.7083	3.7345	2.2183	7.397	26.1783	1.0487	0.048707
299.	0.	0.42550	3.7084	3.7345	2.2241	7.349	26.1033	1.0287	0.048676
300.	0.	0.42393	3.7085	3.7345	2.2279	7.313	26.0734	1.0187	0.048688
301.	0.	0.42232	3.7086	3.7345	2.2316	7.286	26.0564	1.0087	0.048704
302.	0.	0.42066	3.7087	3.7345	2.2350	7.266	26.0429	0.9987	0.048724
303.	0.	0.41900	3.7087	3.7345	2.2384	7.265	26.0733	0.9887	0.048749
304.	0.	0.41767	3.7087	3.7345	2.2377	7.344	26.2668	0.9989	0.048853
305.	0.	0.41694	3.7085	3.7345	2.2324	7.473	26.5863	1.0290	0.049015
306.	0.	0.41683	3.7084	3.7345	2.2267	7.610	26.9155	1.0592	0.049150
307.	0.	0.41664	3.7082	3.7345	2.2205	7.641	26.9858	1.0893	0.049263
308.	0.	0.41579	3.7084	3.7345	2.2279	7.539	26.7178	1.0491	0.049143
309.	0.	0.41422	3.7087	3.7345	2.2389	7.398	26.3504	0.9990	0.048992
310.	0.	0.41188	3.7090	3.7345	2.2496	7.252	25.9521	0.9589	0.048892
311.	0.	0.40905	3.7093	3.7345	2.2639	7.193	25.7307	0.9088	0.048779
312.	0.	0.40692	3.7091	3.7345	2.2575	7.343	26.0492	0.9390	0.049025
313.	0.	0.40613	3.7089	3.7345	2.2478	7.577	26.5571	0.9793	0.049262
314.	0.	0.40581	3.7087	3.7345	2.2362	7.740	26.8775	1.0295	0.049484
315.	0.	0.40534	3.7087	3.7345	2.2374	7.743	26.8290	1.0195	0.049468
316.	0.	0.40449	3.7088	3.7345	2.2413	7.682	26.6556	0.9994	0.049418
317.	0.	0.40320	3.7090	3.7345	2.2483	7.601	26.4199	0.9693	0.049339
318.	0.	0.40154	3.7091	3.7345	2.2536	7.536	26.2092	0.9493	0.049311
319.	0.	0.39991	3.7092	3.7345	2.2590	7.546	26.1657	0.9293	0.049296
320.	0.	0.39919	3.7090	3.7345	2.2514	7.742	26.5972	0.9595	0.049483
321.	0.	0.39869	3.7087	3.7345	2.2371	7.851	26.8051	1.0197	0.049738
322.	0.	0.39781	3.7090	3.7345	2.2447	7.724	26.4447	0.9796	0.049612
323.	0.	0.39595	3.7092	3.7345	2.2570	7.528	25.9234	0.9295	0.049459
324.	0.	0.39306	3.7095	3.7345	2.2694	7.316	25.3574	0.8894	0.049370
325.	0.	0.38924	3.7098	3.7345	2.2860	7.123	24.7573	0.8393	0.049269
326.	0.	0.38418	3.7100	3.7345	2.3010	6.967	24.1551	0.7993	0.049274
327.	0.	0.37768	3.7103	3.7345	2.3201	6.836	23.4949	0.7493	0.049308

328.	0.	0.36946	3.7106	3.7345	2.3400	6.768	22.8507	0.6995	0.049459
329.	0.	0.35966	3.7107	3.7345	2.3563	6.778	22.2340	0.6598	0.049797
330.	0.	0.34813	3.7108	3.7345	2.3766	6.799	21.5452	0.6102	0.050226
331.	0.	0.33455	3.7108	3.7345	2.3969	6.877	20.9303	0.5609	0.050868
332.	0.	0.32046	3.7106	3.7345	2.4012	7.214	20.6939	0.5418	0.051831
333.	0.	0.30690	3.7104	3.7345	2.4081	7.431	20.4609	0.5328	0.052767
334.	0.	0.29517	3.7102	3.7345	2.4158	7.612	20.2779	0.5236	0.053552
335.	0.	0.28474	3.7100	3.7345	2.4215	7.665	20.0828	0.5243	0.054270
336.	0.	0.27625	3.7099	3.7345	2.4302	7.639	19.8209	0.5148	0.054788
337.	0.	0.26882	3.7099	3.7345	2.4372	7.651	19.6687	0.5052	0.055245
338.	0.	0.26217	3.7097	3.7345	2.4342	7.786	19.8166	0.5157	0.055748
339.	0.	0.25725	3.7096	3.7345	2.4294	7.961	20.0759	0.5261	0.056124
340.	0.	0.25366	3.7094	3.7345	2.4233	8.152	20.3841	0.5364	0.056407
341.	0.	0.25102	3.7092	3.7345	2.4162	8.346	20.7065	0.5466	0.056626
342.	0.	0.24923	3.7091	3.7345	2.4074	8.568	21.0899	0.5568	0.056797
343.	0.	0.24780	3.7088	3.7345	2.3943	8.834	21.5656	0.5770	0.056982
344.	0.	0.24700	3.7086	3.7345	2.3807	9.085	22.0086	0.5971	0.057127
345.	0.	0.24659	3.7084	3.7345	2.3669	9.277	22.3318	0.6172	0.057241
346.	0.	0.24679	3.7082	3.7345	2.3562	9.431	22.5824	0.6273	0.057295
347.	0.	0.24689	3.7080	3.7345	2.3417	9.580	22.8254	0.6474	0.057380
348.	0.	0.24727	3.7079	3.7345	2.3305	9.607	22.8256	0.6574	0.057413
349.	0.	0.24820	3.7079	3.7345	2.3252	9.552	22.6780	0.6474	0.057364
350.	0.	0.24894	3.7079	3.7345	2.3210	9.485	22.4914	0.6373	0.057317
351.	0.	0.24948	3.7078	3.7345	2.3178	9.413	22.2884	0.6273	0.057273
352.	0.	0.24960	3.7078	3.7345	2.3163	9.199	21.8202	0.6172	0.057232
353.	0.	0.25006	3.7080	3.7345	2.3315	8.738	20.8690	0.5670	0.057014
354.	0.	0.24908	3.7082	3.7345	2.3605	8.159	19.6401	0.4967	0.056735
355.	0.	0.24372	3.7087	3.7345	2.3986	7.576	18.2554	0.4167	0.056652
356.	0.	0.22957	3.7095	3.7345	2.4431	7.093	17.1203	0.3373	0.057327
357.	0.	0.20779	3.7107	3.7345	2.4705	7.266	17.4148	0.2792	0.059164
358.	0.	0.18697	3.7104	3.7345	2.4132	8.713	20.5129	0.3915	0.061470
359.	0.	0.17920	3.7097	3.7345	2.3580	10.146	22.8819	0.5023	0.062268
360.	0.	0.17562	3.7091	3.7345	2.3099	10.828	23.5802	0.6126	0.062644
361.	0.	0.17426	3.7091	3.7345	2.3009	10.312	22.1525	0.6327	0.062702
362.	0.	0.17593	3.7098	3.7345	2.3384	9.364	20.2991	0.5324	0.062441
363.	0.	0.17835	3.7103	3.7345	2.3750	8.351	18.3495	0.4421	0.062081
364.	0.	0.18000	3.7108	3.7345	2.4197	7.346	16.2849	0.3416	0.061612
365.	0.	0.17282	3.7118	3.7345	2.4600	6.773	14.7760	0.2518	0.061809
366.	0.	0.15748	3.7125	3.7345	2.4595	6.717	14.2446	0.2432	0.063246
367.	0.	0.14536	3.7130	3.7345	2.4453	6.932	14.3721	0.2544	0.064371
368.	0.	0.13789	3.7133	3.7345	2.4299	7.238	14.7910	0.2650	0.065012
369.	0.	0.13339	3.7134	3.7345	2.4144	7.557	15.3089	0.2754	0.065385
370.	0.	0.13063	3.7134	3.7345	2.3996	7.861	15.8265	0.2856	0.065615
371.	0.	0.12894	3.7132	3.7345	2.3852	8.201	16.4279	0.2958	0.065768
372.	0.	0.12743	3.7130	3.7345	2.3665	8.597	17.1397	0.3159	0.065922
373.	0.	0.12653	3.7127	3.7345	2.3481	9.030	17.8949	0.3360	0.066034
374.	0.	0.12529	3.7124	3.7345	2.3271	9.202	18.0628	0.3662	0.066156
375.	0.	0.12641	3.7125	3.7345	2.3295	9.051	17.6861	0.3461	0.066073
376.	0.	0.12698	3.7125	3.7345	2.3276	8.835	17.2195	0.3360	0.066027
377.	0.	0.12792	3.7125	3.7345	2.3305	8.553	16.6385	0.3159	0.065936
378.	0.	0.12851	3.7126	3.7345	2.3335	8.227	15.9939	0.2959	0.065855
379.	0.	0.12873	3.7127	3.7345	2.3419	7.843	15.2053	0.2658	0.065761
380.	0.	0.12687	3.7128	3.7345	2.3501	7.477	14.4153	0.2358	0.065809
381.	0.	0.12187	3.7126	3.7345	2.3562	7.084	13.5183	0.2061	0.066123
382.	0.	0.11226	3.7126	3.7345	2.3675	6.406	12.1651	0.1669	0.066866
383.	0.	0.07773	3.7309	3.7345	2.6110	6.190	14.3629	0.0903	0.070349
384.	0.	-9.00000	-9.0000	-9.0000	-9.0000	-999.000	-9.0000	-99.0000	-9.000000
385.	0.	-9.00000	-9.0000	-9.0000	-9.0000	-999.000	-9.0000	-99.0000	-9.000000