

Run: 1

Table:curve

SWAN version:41.20A

Xp [m]	Yp [m]	Hsig [m]	TPsmoo [sec]	RTpeak [sec]	Tm_10 [sec]	Dir [degr]	Dspr [degr]	Depth [m]	Setup [m]
0.	0.	1.74786	13.1110	12.4477	11.9153	0.025	31.6225	6.9200	0.000000
1.	0.	1.74914	13.1149	12.4477	11.8783	0.025	31.5848	6.9100	-0.000019
2.	0.	1.75056	13.1188	12.4477	11.8420	0.025	31.5624	6.9000	-0.000040
3.	0.	1.75152	13.1226	12.4477	11.8064	0.025	31.5448	6.9000	-0.000038
4.	0.	1.75279	13.1263	12.4477	11.7721	0.025	31.5132	6.8899	-0.000058
5.	0.	1.75413	13.1294	13.8874	11.7387	0.025	31.4922	6.8799	-0.000079
6.	0.	1.75502	13.1318	13.8874	11.7060	0.025	31.4743	6.8799	-0.000078
7.	0.	1.75635	13.1341	13.8874	11.6745	0.025	31.4572	6.8699	-0.000099
8.	0.	1.75720	13.1364	13.8874	11.6435	0.025	31.4405	6.8699	-0.000098
9.	0.	1.75834	13.1386	13.8874	11.6137	0.025	31.4089	6.8599	-0.000119
10.	0.	1.75957	13.1407	13.8874	11.5847	0.025	31.3871	6.8499	-0.000141
11.	0.	1.76034	13.1428	13.8874	11.5557	0.025	31.3685	6.8499	-0.000140
12.	0.	1.76145	13.1448	13.8874	11.5276	0.025	31.3363	6.8398	-0.000161
13.	0.	1.76265	13.1468	13.8874	11.5001	0.025	31.3141	6.8298	-0.000182
14.	0.	1.76339	13.1487	13.8874	11.4727	0.025	31.2977	6.8298	-0.000181
15.	0.	1.76445	13.1506	13.8874	11.4464	0.025	31.2709	6.8198	-0.000201
16.	0.	1.76559	13.1524	13.8874	11.4206	0.025	31.2531	6.8098	-0.000222
17.	0.	1.76615	13.1542	13.8874	11.3950	0.025	31.2264	6.8098	-0.000219
18.	0.	1.76743	13.1560	13.8874	11.3708	0.025	31.1849	6.7897	-0.000261
19.	0.	1.76819	13.1577	13.8874	11.3466	0.025	31.1387	6.7797	-0.000279
20.	0.	1.76938	13.1594	13.8874	11.3232	0.026	31.0911	6.7597	-0.000320
21.	0.	1.77023	13.1610	13.8874	11.2998	0.026	31.0558	6.7497	-0.000340
22.	0.	1.77111	13.1626	13.8874	11.2768	0.026	31.0245	6.7396	-0.000360
23.	0.	1.77200	13.1641	13.8874	11.2542	0.026	30.9943	6.7296	-0.000380
24.	0.	1.77288	13.1657	13.8874	11.2321	0.026	30.9646	6.7196	-0.000400
25.	0.	1.77361	13.1671	13.8874	11.2103	0.026	30.9242	6.7096	-0.000420
26.	0.	1.77450	13.1686	13.8874	11.1894	0.026	30.8585	6.6895	-0.000461
27.	0.	1.77563	13.1701	13.8874	11.1693	0.027	30.7739	6.6595	-0.000525
28.	0.	1.77681	13.1716	13.8874	11.1494	0.027	30.6936	6.6294	-0.000590
29.	0.	1.77757	13.1730	13.8874	11.1290	0.027	30.6150	6.6094	-0.000632
30.	0.	1.77867	13.1745	13.8874	11.1094	0.027	30.5259	6.5793	-0.000699
31.	0.	1.77976	13.1759	13.8874	11.0900	0.028	30.4335	6.5492	-0.000766
32.	0.	1.78087	13.1773	13.8874	11.0705	0.028	30.3397	6.5192	-0.000836
33.	0.	1.78212	13.1787	13.8874	11.0510	0.028	30.2560	6.4891	-0.000907
34.	0.	1.78296	13.1801	13.8874	11.0309	0.028	30.1758	6.4690	-0.000954
35.	0.	1.78418	13.1814	13.8874	11.0115	0.028	30.0858	6.4390	-0.

60.	0.	1.82143	13.2098	13.8874	10.5161	0.038	28.0458	5.7469	-0.003094
61.	0.	1.82350	13.2107	13.8874	10.4950	0.039	27.9772	5.7168	-0.003202
62.	0.	1.82511	13.2115	13.8874	10.4729	0.041	27.9129	5.6967	-0.003275
63.	0.	1.82725	13.2123	13.8874	10.4512	0.042	27.8414	5.6666	-0.003385
64.	0.	1.82943	13.2131	13.8874	10.4290	0.043	27.7698	5.6365	-0.003496
65.	0.	1.83173	13.2138	13.8874	10.4066	0.046	27.7071	5.6064	-0.003609
66.	0.	1.83366	13.2145	13.8874	10.3817	0.050	27.6518	5.5863	-0.003686
67.	0.	1.83614	13.2152	13.8874	10.3572	0.055	27.5918	5.5562	-0.003801
68.	0.	1.83865	13.2159	13.8874	10.3323	0.061	27.5318	5.5261	-0.003918
69.	0.	1.84130	13.2166	13.8874	10.3068	0.067	27.4817	5.4960	-0.004036
70.	0.	1.84341	13.2172	13.8874	10.2808	0.074	27.4371	5.4759	-0.004117
71.	0.	1.84601	13.2179	13.8874	10.2559	0.082	27.3866	5.4458	-0.004238
72.	0.	1.84860	13.2185	13.8874	10.2310	0.089	27.3357	5.4156	-0.004361
73.	0.	1.85130	13.2191	13.8874	10.2060	0.096	27.2944	5.3855	-0.004486
74.	0.	1.85347	13.2196	13.8874	10.1802	0.101	27.2568	5.3654	-0.004572
75.	0.	1.85608	13.2202	13.8874	10.1560	0.100	27.2052	5.3353	-0.004700
76.	0.	1.85883	13.2207	13.8874	10.1321	0.095	27.1660	5.3052	-0.004830
77.	0.	1.86062	13.2212	13.8874	10.1064	0.090	27.1502	5.2951	-0.004876
78.	0.	1.86253	13.2216	13.8874	10.0812	0.086	27.1487	5.2851	-0.004922
79.	0.	1.86392	13.2220	13.8874	10.0561	0.085	27.1573	5.2851	-0.004925
80.	0.	1.86524	13.2223	13.8874	10.0316	0.085	27.1610	5.2851	-0.004928
81.	0.	1.86707	13.2226	13.8874	10.0087	0.085	27.1612	5.2750	-0.004974
82.	0.	1.86836	13.2229	13.8874	9.9856	0.085	27.1693	5.2750	-0.004976
83.	0.	1.86956	13.2231	13.8874	9.9630	0.085	27.1700	5.2750	-0.004978
84.	0.	1.87131	13.2234	13.8874	9.9417	0.085	27.1681	5.2650	-0.005024
85.	0.	1.87254	13.2236	13.8874	9.9189	0.081	27.1658	5.2650	-0.005026
86.	0.	1.87436	13.2238	13.8874	9.8971	0.077	27.1624	5.2549	-0.005071
87.	0.	1.87577	13.2240	13.8874	9.8736	0.075	27.1682	5.2549	-0.005073
88.	0.	1.87715	13.2241	13.8874	9.8502	0.075	27.1677	5.2549	-0.005075
89.	0.	1.87898	13.2243	13.8874	9.8286	0.075	27.1661	5.2449	-0.005117
90.	0.	1.88018	13.2244	13.8874	9.8066	0.075	27.1648	5.2449	-0.005114
91.	0.	1.88189	13.2245	13.8874	9.7861	0.075	27.1626	5.2348	-0.005154
92.	0.	1.88305	13.2246	13.8874	9.7652	0.073	27.1693	5.2349	-0.005149
93.	0.	1.88417	13.2247	13.8874	9.7445	0.071	27.1690	5.2349	-0.005145
94.	0.	1.88584	13.2248	13.8874	9.7249	0.070	27.1660	5.2248	-0.005185
95.	0.	1.88703	13.2249	13.8874	9.7044	0.069	27.1710	5.2248	-0.005182
96.	0.	1.88814	13.2250	13.8874	9.6843	0.068	27.1695	5.2248	-0.005178
97.	0.	1.88975	13.2251	13.8874	9.6658	0.067	27.1656	5.2148	-0.005218
98.	0.	1.89074	13.2251	13.8874	9.6466	0.064	27.1609	5.2148	-0.005213
99.	0.	1.89225	13.2252	13.8874	9.6291	0.061	27.1538	5.2047	-0.005252
100.	0.	1.89328	13.2252	13.8874	9.6106	0.057	27.1557	5.2048	-0.005247
101.	0.	1.89422	13.2253	13.8874	9.5925	0.054	27.1513	5.2048	-0.005242
102.	0.	1.89568	13.2253	13.8874	9.5759	0.050	27.1442	5.1947	-0.005281
103.	0.	1.89665	13.2253	13.8874	9.5583	0.046	27.1452	5.1947	-0.005276
104.	0.	1.89755	13.2254	13.8874	9.5409	0.042	27.1400	5.1947	-0.005270
105.	0.	1.89896	13.2254	13.8874	9.5251	0.038	27.1321	5.1847	-0.005309
106.	0.	1.89980	13.2254	13.8874	9.5082	0.034	27.1244	5.1847	-0.005304
107.	0.	1.90112	13.2255	13.8874	9.4932	0.030	27.1160	5.1747	-0.005341
108.	0.	1.90189	13.2254	13.8874	9.4776	0.024	27.1171	5.1747	-0.005333
109.	0.	1.90255	13.2254	13.8874	9.4625	0.018	27.1125	5.1747	-0.005323
110.	0.	1.90364	13.2255	13.8874	9.4496	0.011	27.1058	5.1646	-0.005357
111.	0.	1.90413	13.2254	13.8874	9.4358	0.005	27.0997	5.1647	-0.005344
112.	0.	1.90511	13.2255	13.8874	9.4236	359.999	27.0921	5.1546	-0.005376
113.	0.	1.90558	13.2254	13.8874	9.4106	359.993	27.0919	5.1546	-0.005362
114.	0.	1.90591	13.2254	13.8874	9.3983	359.987	27.0853	5.1547	-0.005347
115.	0.	1.90672	13.2254	13.8874	9.3878	359.981	27.0743	5.1446	-0.005376
116.	0.	1.90704	13.2254	13.8874	9.3762	359.974	27.0708	5.1446	-0.005361
117.	0.	1.90728	13.2253	13.8874	9.3650	359.968	27.0611	5.1447	-0.005345
118.	0.	1.90798	13.2253	13.8874	9.3555	359.964	27.0485	5.1346	-0.005374
119.	0.	1.90812	13.2253	13.8874	9.3448	359.960	27.0361	5.1346	-0.005358
120.	0.	1.90877	13.2253	13.8874	9.3358	359.956	27.0224	5.1246	-0.005386
121.	0.	1.90924	13.2252	13.8874	9.3235	359.953	27.0163	5.1246	-0.005375
122.	0.	1.90973	13.2252	13.8874	9.3109	359.950	27.0043	5.1246	-0.005367
123.	0.	1.91076	13.2251	13.8874	9.2995	359.947	26.9903	5.1146	-0.005404
124.	0.	1.91136	13.2251	13.8874	9.2866	359.945	26.9846	5.1146	-0.005396
125.	0.	1.91192	13.2250	13.8874	9.2736	359.943	26.9731	5.1146	-0.005388
126.	0.	1.91298	13.2250	13.8874	9.2621	359.942	26.9598	5.1046	-0.005426

127.	0.	1.91343	13.2249	13.8874	9.2498	359.941	26.9479	5.1046	-0.005415
128.	0.	1.91433	13.2248	13.8874	9.2394	359.939	26.9353	5.0946	-0.005448
129.	0.	1.91476	13.2248	13.8874	9.2277	359.936	26.9312	5.0946	-0.005435
130.	0.	1.91513	13.2247	13.8874	9.2161	359.933	26.9214	5.0946	-0.005421
131.	0.	1.91600	13.2246	13.8874	9.2061	359.930	26.9096	5.0845	-0.005454
132.	0.	1.91645	13.2245	13.8874	9.1944	359.927	26.9062	5.0846	-0.005440
133.	0.	1.91685	13.2244	13.8874	9.1826	359.923	26.8972	5.0846	-0.005427
134.	0.	1.91775	13.2243	13.8874	9.1724	359.920	26.8864	5.0745	-0.005459
135.	0.	1.91815	13.2242	13.8874	9.1606	359.915	26.8765	5.0746	-0.005445
136.	0.	1.91914	13.2241	13.8874	9.1502	359.910	26.8736	5.0645	-0.005477
137.	0.	1.91932	13.2240	13.8874	9.1370	359.905	26.8971	5.0746	-0.005416
138.	0.	1.91957	13.2238	13.8874	9.1240	359.900	26.9290	5.0846	-0.005355
139.	0.	1.91987	13.2236	13.8874	9.1112	359.896	26.9641	5.0947	-0.005295
140.	0.	1.92018	13.2234	13.8874	9.0985	359.892	27.0009	5.1048	-0.005236
141.	0.	1.92041	13.2232	13.8874	9.0860	359.888	27.0271	5.1148	-0.005178
142.	0.	1.92110	13.2231	13.8874	9.0751	359.884	27.0490	5.1148	-0.005165
143.	0.	1.92144	13.2229	13.8874	9.0625	359.882	27.0823	5.1249	-0.005109
144.	0.	1.92183	13.2227	13.8874	9.0500	359.880	27.1193	5.1349	-0.005054
145.	0.	1.92222	13.2225	13.8874	9.0379	359.879	27.1579	5.1450	-0.005000
146.	0.	1.92261	13.2223	13.8874	9.0260	359.878	27.1973	5.1551	-0.004945
147.	0.	1.92288	13.2221	13.8874	9.0143	359.877	27.2253	5.1651	-0.004891
148.	0.	1.92361	13.2219	13.8874	9.0042	359.876	27.2488	5.1651	-0.004882
149.	0.	1.92395	13.2217	13.8874	8.9927	359.876	27.2840	5.1752	-0.004829
150.	0.	1.92433	13.2215	13.8874	8.9814	359.875	27.3228	5.1852	-0.004777
151.	0.	1.92473	13.2212	13.8874	8.9702	359.874	27.3632	5.1953	-0.004725
152.	0.	1.92513	13.2210	13.8874	8.9592	359.874	27.4042	5.2053	-0.004673
153.	0.	1.92543	13.2208	13.8874	8.9483	359.874	27.4339	5.2154	-0.004623
154.	0.	1.92617	13.2206	13.8874	8.9389	359.874	27.4594	5.2154	-0.004615
155.	0.	1.92651	13.2204	13.8874	8.9283	359.874	27.4967	5.2254	-0.004564
156.	0.	1.92689	13.2202	13.8874	8.9178	359.874	27.5375	5.2355	-0.004513
157.	0.	1.92729	13.2199	13.8874	8.9074	359.874	27.5796	5.2455	-0.004463
158.	0.	1.92768	13.2197	13.8874	8.8972	359.874	27.6221	5.2556	-0.004413
159.	0.	1.92808	13.2195	13.8874	8.8871	359.873	27.6647	5.2656	-0.004363
160.	0.	1.92836	13.2193	13.8874	8.8771	359.872	27.6952	5.2757	-0.004315
161.	0.	1.92906	13.2191	13.8874	8.8688	359.871	27.7212	5.2757	-0.004307
162.	0.	1.92940	13.2188	13.8874	8.8592	359.870	27.7586	5.2857	-0.004260
163.	0.	1.92978	13.2186	13.8874	8.8498	359.870	27.7990	5.2958	-0.004212
164.	0.	1.93016	13.2184	13.8874	8.8405	359.870	27.8405	5.3058	-0.004165
165.	0.	1.93056	13.2182	13.8874	8.8313	359.870	27.8822	5.3159	-0.004119
166.	0.	1.93084	13.2180	13.8874	8.8221	359.870	27.9118	5.3259	-0.004074
167.	0.	1.93154	13.2178	13.8874	8.8146	359.870	27.9376	5.3259	-0.004069
168.	0.	1.93191	13.2176	13.8874	8.8055	359.870	27.9753	5.3360	-0.004024
169.	0.	1.93231	13.2173	13.8874	8.7966	359.871	28.0158	5.3460	-0.003980
170.	0.	1.93273	13.2171	13.8874	8.7878	359.871	28.0576	5.3561	-0.003936
171.	0.	1.93314	13.2169	13.8874	8.7791	359.872	28.0999	5.3661	-0.003893
172.	0.	1.93344	13.2167	13.8874	8.7704	359.872	28.1301	5.3762	-0.003850
173.	0.	1.93415	13.2165	13.8874	8.7633	359.872	28.1569	5.3762	-0.003846
174.	0.	1.93443	13.2163	13.8874	8.7546	359.873	28.1837	5.3862	-0.003804
175.	0.	1.93514	13.2162	13.8874	8.7475	359.874	28.2093	5.3862	-0.003801
176.	0.	1.93553	13.2160	13.8874	8.7390	359.874	28.2479	5.3962	-0.003759
177.	0.	1.93583	13.2158	13.8874	8.7305	359.874	28.2768	5.4063	-0.003717
178.	0.	1.93655	13.2156	13.8874	8.7237	359.875	28.3029	5.4063	-0.003715
179.	0.	1.93685	13.2154	13.8874	8.7152	359.875	28.3288	5.4163	-0.003674
180.	0.	1.93758	13.2153	13.8874	8.7083	359.875	28.3535	5.4163	-0.003673
181.	0.	1.93800	13.2151	13.8874	8.6999	359.874	28.3911	5.4264	-0.003633
182.	0.	1.93833	13.2149	13.8874	8.6916	359.873	28.4188	5.4364	-0.003593
183.	0.	1.93906	13.2148	13.8874	8.6850	359.872	28.4444	5.4364	-0.003592
184.	0.	1.93948	13.2146	13.8874	8.6769	359.871	28.4825	5.4464	-0.003553
185.	0.	1.93981	13.2144	13.8874	8.6689	359.871	28.5106	5.4565	-0.003514
186.	0.	1.94054	13.2143	13.8874	8.6624	359.870	28.5374	5.4565	-0.003513
187.	0.	1.94085	13.2141	13.8874	8.6544	359.870	28.5647	5.4665	-0.003474
188.	0.	1.94146	13.2140	13.8874	8.6479	359.870	28.5790	5.4665	-0.003474
189.	0.	1.94205	13.2138	13.8874	8.6414	359.869	28.5916	5.4665	-0.003474
190.	0.	1.94251	13.2137	13.8874	8.6350	359.868	28.5920	5.4665	-0.003473
191.	0.	1.94335	13.2136	13.8874	8.6300	359.868	28.5877	5.4565	-0.003511
192.	0.	1.94389	13.2135	13.8874	8.6233	359.868	28.5935	5.4565	-0.003510
193.	0.	1.94434	13.2134	13.8874	8.6167	359.868	28.5915	5.4565	-0.003510

194.	0.	1.94518	13.2133	13.8874	8.6118	359.868	28.5857	5.4465	-0.003547
195.	0.	1.94569	13.2132	13.8874	8.6053	359.867	28.5895	5.4465	-0.003547
196.	0.	1.94624	13.2131	13.8874	8.5989	359.866	28.5963	5.4465	-0.003547
197.	0.	1.94671	13.2130	13.8874	8.5924	359.865	28.5939	5.4465	-0.003547
198.	0.	1.94754	13.2129	13.8874	8.5875	359.864	28.5877	5.4364	-0.003585
199.	0.	1.94806	13.2128	13.8874	8.5810	359.862	28.5920	5.4364	-0.003585
200.	0.	1.94861	13.2127	13.8874	8.5746	359.861	28.5995	5.4364	-0.003584
201.	0.	1.94917	13.2126	13.8874	8.5683	359.859	28.6083	5.4364	-0.003584
202.	0.	1.94972	13.2125	13.8874	8.5620	359.858	28.6174	5.4364	-0.003583
203.	0.	1.95025	13.2124	13.8874	8.5559	359.858	28.6265	5.4364	-0.003583
204.	0.	1.95068	13.2123	13.8874	8.5497	359.858	28.6250	5.4364	-0.003582
205.	0.	1.95147	13.2122	13.8874	8.5452	359.858	28.6191	5.4264	-0.003619
206.	0.	1.95194	13.2121	13.8874	8.5393	359.858	28.6231	5.4264	-0.003618
207.	0.	1.95244	13.2120	13.8874	8.5333	359.859	28.6302	5.4264	-0.003617
208.	0.	1.95294	13.2119	13.8874	8.5274	359.859	28.6382	5.4264	-0.003616
209.	0.	1.95345	13.2119	13.8874	8.5216	359.860	28.6463	5.4264	-0.003615
210.	0.	1.95394	13.2118	13.8874	8.5158	359.861	28.6541	5.4264	-0.003614
211.	0.	1.95434	13.2117	13.8874	8.5099	359.862	28.6520	5.4264	-0.003613
212.	0.	1.95511	13.2116	13.8874	8.5057	359.863	28.6453	5.4163	-0.003650
213.	0.	1.95555	13.2115	13.8874	8.5000	359.864	28.6482	5.4164	-0.003649
214.	0.	1.95600	13.2114	13.8874	8.4945	359.865	28.6534	5.4164	-0.003648
215.	0.	1.95645	13.2114	13.8874	8.4890	359.865	28.6594	5.4164	-0.003646
216.	0.	1.95690	13.2113	13.8874	8.4836	359.866	28.6661	5.4164	-0.003645
217.	0.	1.95736	13.2112	13.8874	8.4782	359.868	28.6732	5.4164	-0.003643
218.	0.	1.95772	13.2111	13.8874	8.4727	359.871	28.6709	5.4164	-0.003641
219.	0.	1.95845	13.2111	13.8874	8.4688	359.872	28.6649	5.4063	-0.003678
220.	0.	1.95886	13.2110	13.8874	8.4633	359.874	28.6690	5.4063	-0.003676
221.	0.	1.95929	13.2109	13.8874	8.4579	359.876	28.6760	5.4063	-0.003674
222.	0.	1.95972	13.2108	13.8874	8.4527	359.878	28.6838	5.4063	-0.003672
223.	0.	1.96014	13.2107	13.8874	8.4475	359.879	28.6918	5.4063	-0.003670
224.	0.	1.96055	13.2107	13.8874	8.4425	359.881	28.6994	5.4063	-0.003667
225.	0.	1.96084	13.2106	13.8874	8.4375	359.882	28.6970	5.4063	-0.003665
226.	0.	1.96148	13.2106	13.8874	8.4342	359.884	28.6897	5.3963	-0.003700
227.	0.	1.96180	13.2105	13.8874	8.4294	359.886	28.6920	5.3963	-0.003697
228.	0.	1.96215	13.2104	13.8874	8.4247	359.888	28.6971	5.3963	-0.003695
229.	0.	1.96251	13.2103	13.8874	8.4200	359.890	28.7031	5.3963	-0.003692
230.	0.	1.96287	13.2103	13.8874	8.4153	359.892	28.7094	5.3963	-0.003689
231.	0.	1.96323	13.2102	13.8874	8.4106	359.894	28.7159	5.3963	-0.003687
232.	0.	1.96349	13.2101	13.8874	8.4060	359.896	28.7123	5.3963	-0.003684
233.	0.	1.96411	13.2101	13.8874	8.4029	359.898	28.7045	5.3863	-0.003720
234.	0.	1.96439	13.2100	13.8874	8.3985	359.900	28.7063	5.3863	-0.003716
235.	0.	1.96469	13.2099	13.8874	8.3941	359.903	28.7103	5.3863	-0.003713
236.	0.	1.96499	13.2099	13.8874	8.3898	359.905	28.7149	5.3863	-0.003709
237.	0.	1.96529	13.2098	13.8874	8.3855	359.907	28.7194	5.3863	-0.003706
238.	0.	1.96557	13.2097	13.8874	8.3813	359.909	28.7238	5.3863	-0.003702
239.	0.	1.96575	13.2097	13.8874	8.3772	359.912	28.7187	5.3863	-0.003698
240.	0.	1.96630	13.2096	13.8874	8.3747	359.914	28.7094	5.3763	-0.003733
241.	0.	1.96642	13.2096	13.8874	8.3705	359.916	28.7004	5.3763	-0.003729
242.	0.	1.96684	13.2095	13.8874	8.3680	359.918	28.6796	5.3662	-0.003764
243.	0.	1.96731	13.2095	13.8874	8.3656	359.920	28.6643	5.3562	-0.003799
244.	0.	1.96739	13.2094	13.8874	8.3616	359.921	28.6523	5.3562	-0.003794
245.	0.	1.96779	13.2094	13.8874	8.3592	359.922	28.6308	5.3462	-0.003829
246.	0.	1.96826	13.2094	13.8874	8.3567	359.924	28.6164	5.3361	-0.003863
247.	0.	1.96835	13.2093	13.8874	8.3526	359.925	28.6061	5.3361	-0.003858
248.	0.	1.96876	13.2093	13.8874	8.3500	359.926	28.5860	5.3261	-0.003893
249.	0.	1.96922	13.2092	13.8874	8.3475	359.927	28.5719	5.3161	-0.003927
250.	0.	1.96929	13.2092	13.8874	8.3434	359.928	28.5610	5.3161	-0.003922
251.	0.	1.96967	13.2091	13.8874	8.3410	359.929	28.5400	5.3060	-0.003956
252.	0.	1.97010	13.2091	13.8874	8.3387	359.931	28.5251	5.2960	-0.003990
253.	0.	1.97015	13.2090	13.8874	8.3347	359.933	28.5138	5.2960	-0.003983
254.	0.	1.97051	13.2090	13.8874	8.3323	359.935	28.4926	5.2860	-0.004018
255.	0.	1.97093	13.2090	13.8874	8.3300	359.937	28.4775	5.2759	-0.004051
256.	0.	1.97093	13.2089	13.8874	8.3262	359.939	28.4650	5.2760	-0.004044
257.	0.	1.97126	13.2089	13.8874	8.3240	359.941	28.4421	5.2659	-0.004078
258.	0.	1.97164	13.2088	13.8874	8.3219	359.942	28.4256	5.2559	-0.004111
259.	0.	1.97163	13.2087	13.8874	8.3181	359.942	28.4128	5.2559	-0.004103
260.	0.	1.97196	13.2087	13.8874	8.3158	359.943	28.3908	5.2459	-0.004136

261.	0.	1.97238	13.2087	13.8874	8.3134	359.945	28.3760	5.2358	-0.004170
262.	0.	1.97240	13.2086	13.8874	8.3092	359.946	28.3651	5.2358	-0.004161
263.	0.	1.97277	13.2085	13.8874	8.3066	359.947	28.3452	5.2258	-0.004195
264.	0.	1.97319	13.2085	13.8874	8.3042	359.949	28.3311	5.2158	-0.004229
265.	0.	1.97319	13.2084	13.8874	8.3001	359.950	28.3195	5.2158	-0.004220
266.	0.	1.97353	13.2084	13.8874	8.2977	359.951	28.2981	5.2057	-0.004254
267.	0.	1.97393	13.2083	13.8874	8.2953	359.951	28.2827	5.1957	-0.004288
268.	0.	1.97392	13.2083	13.8874	8.2912	359.952	28.2705	5.1957	-0.004279
269.	0.	1.97426	13.2082	13.8874	8.2887	359.953	28.2489	5.1857	-0.004312
270.	0.	1.97466	13.2082	13.8874	8.2863	359.954	28.2338	5.1757	-0.004345
271.	0.	1.97464	13.2081	13.8874	8.2822	359.956	28.2224	5.1757	-0.004335
272.	0.	1.97496	13.2080	13.8874	8.2798	359.956	28.2009	5.1656	-0.004368
273.	0.	1.97523	13.2080	13.8874	8.2774	359.956	28.1759	5.1556	-0.004401
274.	0.	1.97550	13.2080	13.8874	8.2750	359.956	28.1504	5.1456	-0.004435
275.	0.	1.97576	13.2079	13.8874	8.2726	359.956	28.1250	5.1355	-0.004467
276.	0.	1.97598	13.2079	13.8874	8.2704	359.956	28.0989	5.1255	-0.004499
277.	0.	1.97618	13.2078	13.8874	8.2682	359.956	28.0727	5.1155	-0.004531
278.	0.	1.97638	13.2078	13.8874	8.2660	359.957	28.0464	5.1054	-0.004562
279.	0.	1.97656	13.2078	13.8874	8.2638	359.957	28.0201	5.0954	-0.004592
280.	0.	1.97673	13.2077	13.8874	8.2617	359.957	27.9936	5.0854	-0.004623
281.	0.	1.97681	13.2077	13.8874	8.2595	359.957	27.9587	5.0753	-0.004653
282.	0.	1.97731	13.2077	13.8874	8.2588	359.957	27.9192	5.0553	-0.004729
283.	0.	1.97744	13.2077	13.8874	8.2565	359.957	27.8886	5.0452	-0.004759
284.	0.	1.97757	13.2076	13.8874	8.2541	359.958	27.8601	5.0352	-0.004788
285.	0.	1.97778	13.2076	13.8874	8.2520	359.958	27.8405	5.0252	-0.004817
286.	0.	1.97755	13.2075	13.8874	8.2480	359.958	27.8255	5.0252	-0.004798
287.	0.	1.97771	13.2074	13.8874	8.2458	359.957	27.8017	5.0152	-0.004827
288.	0.	1.97791	13.2074	13.8874	8.2435	359.957	27.7836	5.0051	-0.004854
289.	0.	1.97768	13.2073	13.8874	8.2395	359.957	27.7689	5.0052	-0.004834
290.	0.	1.97782	13.2073	13.8874	8.2373	359.957	27.7449	4.9951	-0.004861
291.	0.	1.97800	13.2072	13.8874	8.2350	359.957	27.7266	4.9851	-0.004888
292.	0.	1.97773	13.2072	13.8874	8.2311	359.957	27.7117	4.9851	-0.004867
293.	0.	1.97783	13.2071	13.8874	8.2289	359.956	27.6877	4.9751	-0.004893
294.	0.	1.97790	13.2071	13.8874	8.2267	359.956	27.6609	4.9651	-0.004919
295.	0.	1.97803	13.2071	13.8874	8.2246	359.955	27.6414	4.9551	-0.004945
296.	0.	1.97771	13.2070	13.8874	8.2207	359.955	27.6259	4.9551	-0.004922
297.	0.	1.97777	13.2070	13.8874	8.2186	359.955	27.6013	4.9451	-0.004947
298.	0.	1.97779	13.2069	13.8874	8.2165	359.955	27.5742	4.9350	-0.004971
299.	0.	1.97779	13.2069	13.8874	8.2144	359.955	27.5461	4.9250	-0.004996
300.	0.	1.97777	13.2069	13.8874	8.2123	359.955	27.5174	4.9150	-0.005019
301.	0.	1.97774	13.2068	13.8874	8.2102	359.955	27.4885	4.9050	-0.005042
302.	0.	1.97770	13.2068	13.8874	8.2081	359.955	27.4593	4.8949	-0.005065
303.	0.	1.97765	13.2068	13.8874	8.2059	359.956	27.4300	4.8849	-0.005087
304.	0.	1.97758	13.2068	13.8874	8.2037	359.956	27.4006	4.8749	-0.005108
305.	0.	1.97751	13.2067	13.8874	8.2015	359.956	27.3711	4.8649	-0.005129
306.	0.	1.97750	13.2067	13.8874	8.1993	359.957	27.3497	4.8549	-0.005148
307.	0.	1.97704	13.2067	13.8874	8.1953	359.959	27.3331	4.8549	-0.005117
308.	0.	1.97697	13.2066	13.8874	8.1931	359.960	27.3074	4.8449	-0.005136
309.	0.	1.97686	13.2066	13.8874	8.1909	359.960	27.2792	4.8348	-0.005154
310.	0.	1.97673	13.2066	13.8874	8.1887	359.961	27.2502	4.8248	-0.005172
311.	0.	1.97658	13.2066	13.8874	8.1864	359.961	27.2208	4.8148	-0.005189
312.	0.	1.97640	13.2066	13.8874	8.1842	359.962	27.1914	4.8048	-0.005205
313.	0.	1.97621	13.2066	13.8874	8.1820	359.962	27.1619	4.7948	-0.005221
314.	0.	1.97600	13.2065	13.8874	8.1798	359.963	27.1323	4.7848	-0.005235
315.	0.	1.97577	13.2065	13.8874	8.1776	359.963	27.1026	4.7748	-0.005249
316.	0.	1.97552	13.2065	13.8874	8.1755	359.964	27.0730	4.7647	-0.005262
317.	0.	1.97526	13.2065	13.8874	8.1733	359.965	27.0436	4.7547	-0.005274
318.	0.	1.97498	13.2065	13.8874	8.1711	359.966	27.0139	4.7447	-0.005285
319.	0.	1.97468	13.2065	13.8874	8.1688	359.967	26.9844	4.7347	-0.005295
320.	0.	1.97445	13.2065	13.8874	8.1666	359.968	26.9627	4.7247	-0.005304
321.	0.	1.97374	13.2065	13.8874	8.1626	359.968	26.9456	4.7247	-0.005259
322.	0.	1.97343	13.2065	13.8874	8.1605	359.969	26.9196	4.7147	-0.005268
323.	0.	1.97309	13.2065	13.8874	8.1582	359.969	26.8910	4.7047	-0.005275
324.	0.	1.97272	13.2065	13.8874	8.1561	359.969	26.8613	4.6947	-0.005282
325.	0.	1.97232	13.2065	13.8874	8.1539	359.969	26.8310	4.6847	-0.005287
326.	0.	1.97197	13.2065	13.8874	8.1518	359.970	26.8084	4.6747	-0.005291
327.	0.	1.97123	13.2065	13.8874	8.1478	359.971	26.7990	4.6748	-0.005240

328.	0.	1.97046	13.2065	13.8874	8.1437	359.972	26.7855	4.6748	-0.005189
329.	0.	1.97015	13.2065	13.8874	8.1416	359.973	26.7691	4.6648	-0.005192
330.	0.	1.96942	13.2065	13.8874	8.1375	359.975	26.7625	4.6649	-0.005140
331.	0.	1.96866	13.2065	13.8874	8.1333	359.976	26.7508	4.6649	-0.005088
332.	0.	1.96835	13.2066	13.8874	8.1311	359.977	26.7358	4.6549	-0.005090
333.	0.	1.96762	13.2065	13.8874	8.1270	359.978	26.7302	4.6550	-0.005036
334.	0.	1.96685	13.2066	13.8874	8.1228	359.980	26.7192	4.6550	-0.004984
335.	0.	1.96651	13.2066	13.8874	8.1206	359.980	26.7039	4.6450	-0.004985
336.	0.	1.96576	13.2066	13.8874	8.1166	359.981	26.6980	4.6451	-0.004931
337.	0.	1.96496	13.2066	13.8874	8.1125	359.982	26.6869	4.6451	-0.004877
338.	0.	1.96461	13.2067	13.8874	8.1104	359.983	26.6723	4.6351	-0.004878
339.	0.	1.96385	13.2067	13.8874	8.1063	359.984	26.6671	4.6352	-0.004823
340.	0.	1.96303	13.2067	13.8874	8.1022	359.985	26.6565	4.6352	-0.004768
341.	0.	1.96267	13.2068	13.8874	8.1001	359.987	26.6424	4.6252	-0.004768
342.	0.	1.96189	13.2068	13.8874	8.0961	359.988	26.6375	4.6253	-0.004712
343.	0.	1.96106	13.2068	13.8874	8.0920	359.990	26.6274	4.6253	-0.004657
344.	0.	1.96069	13.2069	13.8874	8.0899	359.992	26.6138	4.6153	-0.004656
345.	0.	1.95989	13.2069	13.8874	8.0858	359.993	26.6094	4.6154	-0.004599
346.	0.	1.95906	13.2070	13.8874	8.0818	359.995	26.5999	4.6155	-0.004543
347.	0.	1.95866	13.2071	13.8874	8.0797	359.996	26.5867	4.6055	-0.004541
348.	0.	1.95779	13.2071	13.8874	8.0756	359.998	26.5746	4.6055	-0.004484
349.	0.	1.95738	13.2072	13.8874	8.0735	359.999	26.5603	4.5955	-0.004482
350.	0.	1.95655	13.2072	13.8874	8.0695	0.001	26.5555	4.5956	-0.004423
351.	0.	1.95568	13.2073	13.8874	8.0654	0.002	26.5454	4.5956	-0.004366
352.	0.	1.95526	13.2074	13.8874	8.0633	0.004	26.5317	4.5856	-0.004362
353.	0.	1.95443	13.2074	13.8874	8.0592	0.005	26.5270	4.5857	-0.004303
354.	0.	1.95356	13.2075	13.8874	8.0551	0.006	26.5165	4.5858	-0.004245
355.	0.	1.95313	13.2076	13.8874	8.0530	0.008	26.5022	4.5758	-0.004241
356.	0.	1.95220	13.2077	13.8874	8.0490	0.008	26.4886	4.5758	-0.004182
357.	0.	1.95167	13.2078	13.8874	8.0469	0.008	26.4653	4.5658	-0.004177
358.	0.	1.95116	13.2079	13.8874	8.0449	0.009	26.4476	4.5558	-0.004171
359.	0.	1.95025	13.2080	13.8874	8.0409	0.010	26.4419	4.5559	-0.004109
360.	0.	1.94937	13.2081	13.8874	8.0369	0.011	26.4395	4.5560	-0.004046
361.	0.	1.94842	13.2081	13.8874	8.0330	0.012	26.4305	4.5560	-0.003984
362.	0.	1.94791	13.2083	13.8874	8.0311	0.013	26.4173	4.5460	-0.003977
363.	0.	1.94698	13.2083	13.8874	8.0273	0.013	26.4126	4.5461	-0.003914
364.	0.	1.94608	13.2084	13.8874	8.0235	0.014	26.4108	4.5461	-0.003851
365.	0.	1.94519	13.2085	13.8874	8.0197	0.015	26.4099	4.5462	-0.003788
366.	0.	1.94431	13.2086	13.8874	8.0159	0.016	26.4095	4.5463	-0.003725
367.	0.	1.94337	13.2087	13.8874	8.0121	0.016	26.4014	4.5463	-0.003663
368.	0.	1.94284	13.2088	13.8874	8.0104	0.017	26.3887	4.5363	-0.003656
369.	0.	1.94190	13.2089	13.8874	8.0068	0.018	26.3845	4.5364	-0.003592
370.	0.	1.94098	13.2090	13.8874	8.0032	0.018	26.3826	4.5365	-0.003529
371.	0.	1.94008	13.2091	13.8874	7.9995	0.019	26.3818	4.5365	-0.003466
372.	0.	1.93912	13.2092	13.8874	7.9958	0.020	26.3738	4.5366	-0.003403
373.	0.	1.93860	13.2094	13.8874	7.9941	0.020	26.3612	4.5266	-0.003396
374.	0.	1.93767	13.2095	13.8874	7.9904	0.021	26.3575	4.5267	-0.003333
375.	0.	1.93676	13.2096	13.8874	7.9867	0.022	26.3562	4.5267	-0.003270
376.	0.	1.93585	13.2097	13.8874	7.9831	0.023	26.3556	4.5268	-0.003207
377.	0.	1.93489	13.2098	13.8874	7.9795	0.024	26.3475	4.5269	-0.003144
378.	0.	1.93435	13.2099	13.8874	7.9779	0.025	26.3348	4.5169	-0.003137
379.	0.	1.93340	13.2100	13.8874	7.9743	0.026	26.3306	4.5169	-0.003073
380.	0.	1.93248	13.2102	13.8874	7.9708	0.027	26.3283	4.5170	-0.003010
381.	0.	1.93150	13.2103	13.8874	7.9672	0.028	26.3189	4.5171	-0.002948
382.	0.	1.93095	13.2104	13.8874	7.9657	0.028	26.3049	4.5071	-0.002940
383.	0.	1.92999	13.2106	13.8874	7.9622	0.029	26.2995	4.5071	-0.002877
384.	0.	1.92905	13.2107	13.8874	7.9587	0.029	26.2962	4.5072	-0.002813
385.	0.	1.92813	13.2108	13.8874	7.9553	0.030	26.2938	4.5072	-0.002750
386.	0.	1.92708	13.2109	13.8874	7.9517	0.032	26.2759	4.5073	-0.002689
387.	0.	1.92662	13.2112	13.8874	7.9520	0.033	26.2177	4.4873	-0.002738
388.	0.	1.92671	13.2115	13.8874	7.9562	0.034	26.1184	4.4471	-0.002899
389.	0.	1.92703	13.2119	13.8874	7.9626	0.036	26.0026	4.3969	-0.003114
390.	0.	1.92668	13.2122	13.8874	7.9672	0.037	25.8810	4.3567	-0.003268
391.	0.	1.92664	13.2127	13.8874	7.9742	0.038	25.7526	4.3065	-0.003476
392.	0.	1.92594	13.2131	13.8874	7.9792	0.038	25.6231	4.2664	-0.003620
393.	0.	1.92556	13.2135	13.8874	7.9864	0.038	25.4910	4.2162	-0.003818
394.	0.	1.92448	13.2140	13.8874	7.9917	0.038	25.3592	4.1761	-0.003944

395.	0.	1.92370	13.2145	13.8874	7.9993	0.038	25.2227	4.1259	-0.004126
396.	0.	1.92217	13.2150	13.8874	8.0048	0.037	25.0858	4.0858	-0.004232
397.	0.	1.92087	13.2156	13.8874	8.0127	0.036	24.9369	4.0356	-0.004396
398.	0.	1.91934	13.2162	13.8874	8.0208	0.035	24.7906	3.9855	-0.004546
399.	0.	1.91700	13.2168	13.8874	8.0267	0.035	24.6463	3.9454	-0.004610
400.	0.	1.91494	13.2175	13.8874	8.0350	0.035	24.4979	3.8953	-0.004733
401.	0.	1.91209	13.2182	13.8874	8.0410	0.035	24.3570	3.8552	-0.004763
402.	0.	1.90899	13.2189	13.8874	8.0471	0.036	24.2165	3.8152	-0.004777
403.	0.	1.90563	13.2197	13.8874	8.0532	0.037	24.0749	3.7752	-0.004773
404.	0.	1.90199	13.2205	13.8874	8.0592	0.038	23.9321	3.7352	-0.004751
405.	0.	1.89807	13.2214	13.8874	8.0652	0.039	23.7877	3.6953	-0.004710
406.	0.	1.89387	13.2223	13.8874	8.0710	0.042	23.6418	3.6554	-0.004648
407.	0.	1.88938	13.2233	13.8874	8.0767	0.044	23.4943	3.6154	-0.004566
408.	0.	1.88460	13.2243	13.8874	8.0822	0.048	23.3455	3.5755	-0.004461
409.	0.	1.87957	13.2254	13.8874	8.0872	0.053	23.1953	3.5357	-0.004334
410.	0.	1.87430	13.2265	13.8874	8.0915	0.061	23.0439	3.4958	-0.004186
411.	0.	1.86878	13.2276	13.8874	8.0953	0.071	22.8914	3.4560	-0.004014
412.	0.	1.86271	13.2288	13.8874	8.0987	0.083	22.7032	3.4162	-0.003819
413.	0.	1.85849	13.2303	13.8874	8.1113	0.098	22.4477	3.3360	-0.003978
414.	0.	1.85398	13.2320	13.8874	8.1256	0.119	22.1547	3.2458	-0.004185
415.	0.	1.84846	13.2338	13.8874	8.1386	0.146	21.8439	3.1557	-0.004322
416.	0.	1.84182	13.2357	13.8874	8.1504	0.178	21.5282	3.0656	-0.004363
417.	0.	1.83392	13.2377	13.8874	8.1610	0.214	21.2112	2.9757	-0.004291
418.	0.	1.82789	13.2397	13.8874	8.1700	0.257	21.3864	2.8860	-0.004045
419.	0.	1.79038	13.2394	13.8874	8.0678	0.290	21.8717	3.2412	0.001169
420.	0.	1.78695	13.2407	13.8874	8.0789	0.316	21.7124	3.1510	0.000988
421.	0.	1.78686	13.2425	13.8874	8.1054	0.357	21.2942	2.9900	0.000037
422.	0.	1.78416	13.2442	13.8874	8.1282	0.404	20.8133	2.8393	-0.000739
423.	0.	1.77711	13.2457	13.8874	8.1411	0.462	20.3221	2.7190	-0.000993
424.	0.	1.76885	13.2470	13.8874	8.1538	0.531	19.8144	2.5888	-0.001199
425.	0.	1.75730	13.2478	13.8874	8.1607	0.611	19.3535	2.4690	-0.000968
426.	0.	1.73926	13.2481	13.8874	8.1553	0.692	18.9869	2.3903	0.000312
427.	0.	1.71876	13.2478	13.8874	8.1449	0.783	18.6610	2.3220	0.002007
428.	0.	1.69686	13.2471	13.8874	8.1329	0.878	18.3383	2.2539	0.003911
429.	0.	1.67465	13.2461	13.8874	8.1219	0.978	18.0025	2.1758	0.005831
430.	0.	1.65074	13.2448	13.8874	8.1088	1.082	17.6600	2.0980	0.008016
431.	0.	1.62509	13.2433	13.8874	8.0931	1.192	17.2808	2.0205	0.010465
432.	0.	1.60137	13.2419	13.8874	8.0811	1.315	16.8145	1.9125	0.012488
433.	0.	1.57677	13.2405	13.8874	8.0686	1.454	16.2830	1.7846	0.014571
434.	0.	1.54696	13.2391	13.8874	8.0505	1.600	15.7741	1.6576	0.017601
435.	0.	1.50269	13.2374	13.8874	8.0434	1.658	15.3123	1.5632	0.023244
436.	0.	1.45271	13.2357	13.8874	8.0376	1.694	14.8856	1.4801	0.030105
437.	0.	1.39958	13.2341	13.8874	8.0295	1.734	14.5491	1.4078	0.037819
438.	0.	1.33947	13.2326	13.8874	8.0151	1.775	14.3283	1.3871	0.047119
439.	0.	1.28376	13.2314	13.8874	8.0092	1.808	14.1514	1.3655	0.055503
440.	0.	1.25644	13.2302	13.8874	7.8403	2.344	14.0481	1.3400	0.060031
441.	0.	1.22261	13.2297	13.8874	7.7965	2.551	13.6977	1.2546	0.064625
442.	0.	1.17849	13.2302	13.8874	7.8171	2.531	13.2367	1.1407	0.070730
443.	0.	1.12323	13.2315	13.8874	7.8399	2.462	12.8828	1.0695	0.079494
444.	0.	1.06340	13.2321	13.8874	7.8169	2.508	12.6618	1.0596	0.089615
445.	0.	1.01258	13.2326	13.8874	7.7649	2.697	12.6611	1.0481	0.098086
446.	0.	0.96615	13.2329	13.8874	7.7459	2.801	12.6219	1.0254	0.105394
447.	0.	0.91883	13.2330	13.8874	7.7304	2.897	12.6876	1.0427	0.112741
448.	0.	0.87766	13.2330	13.8874	7.7216	2.917	12.5276	1.0687	0.118661
449.	0.	0.85947	13.2337	13.8874	7.7620	2.864	12.1151	0.9405	0.120461
450.	0.	0.82634	13.2343	13.8874	7.7804	2.844	11.8041	0.8852	0.125206
451.	0.	0.78873	13.2351	13.8874	7.7873	2.851	11.5775	0.8609	0.130904
452.	0.	0.75357	13.2362	13.8874	7.7945	2.871	11.4001	0.8362	0.136162
453.	0.	0.71957	13.2376	13.8874	7.8026	2.916	11.2834	0.8212	0.141207
454.	0.	0.68790	13.2392	13.8874	7.8078	2.979	11.2069	0.8158	0.145811
455.	0.	0.66039	13.2412	13.8874	7.8104	3.041	11.1450	0.8097	0.149672
456.	0.	0.63623	13.2433	13.8874	7.8123	3.101	11.0886	0.8030	0.152957
457.	0.	0.61481	13.2456	13.8874	7.8139	3.159	11.0349	0.7958	0.155791
458.	0.	0.59564	13.2479	13.8874	7.8151	3.221	10.9981	0.7883	0.158268
459.	0.	0.57741	13.2502	13.8874	7.8121	3.296	11.0190	0.7906	0.160601
460.	0.	0.56059	13.2524	13.8874	7.8046	3.388	11.1189	0.8027	0.162711
461.	0.	0.54560	13.2542	13.8874	7.7925	3.521	11.3924	0.8246	0.164553

462.	0.	0.52966	13.2556	13.8874	7.7647	3.696	11.8486	0.8865	0.166472
463.	0.	0.51770	13.2564	13.8874	7.7363	3.860	12.2962	0.9478	0.167816
464.	0.	0.51000	13.2571	13.8874	7.7158	3.917	12.3965	0.9886	0.168598
465.	0.	0.51257	13.2582	13.8874	7.7329	3.870	12.1983	0.9282	0.168229
466.	0.	0.51305	13.2595	13.8874	7.7489	3.800	11.9009	0.8780	0.168045
467.	0.	0.51292	13.2612	13.8874	7.7708	3.666	11.4027	0.8179	0.167858
468.	0.	0.51701	13.2643	13.8874	7.8247	3.481	10.6888	0.6869	0.166940
469.	0.	0.51121	13.2695	13.8874	7.8832	3.110	9.4948	0.5672	0.167208
470.	0.	0.40475	13.4239	13.8874	9.1657	0.492	10.9966	0.2668	0.186816
471.	0.	-9.00000	-9.0000	-9.0000	-9.0000	-999.000	-9.0000	-99.0000	-9.000000
472.	0.	-9.00000	-9.0000	-9.0000	-9.0000	-999.000	-9.0000	-99.0000	-9.000000