

Angle	Wind V	First derivative	Second derivative				
12.57	15.16066	5.119942667	-17.5547	CRIT	POI		
13.2	18.38623	-5.939489818	3.936171	CRIT	POI		
14.85	8.58607	0.55519204	-37.1097	CRIT	POI		
15.86	9.146814	-36.92564711	438.3234	CRIT	POI	HUH	
15.95	5.823506	2.523462251	-0.33697		1	-1 Increasing but concave down	
21.12	18.86981	0.781318923	-0.6182	CRIT	POI	Critical point and POI	
25.65	22.40918	-2.019118358	16.56935	CRIT		1 Critical point but concave up	
27.38	18.91611	26.64586082	47.33156		1 POI	Increasing but POI	
27.82	30.64028	47.47174911	-319.463	CRIT		-1 Critical point but concave down	FIRST MAX
28	39.1852	-10.031658	-51.4444		-1 POI	Decreasing but POI	
28.24	36.7776	-22.378314	1336.798	CRIT		1 Critical point but concave up	
28.26	36.33004	4.357643294	55.27158		1 POI	Increasing but POI	
28.6	37.81163	23.14998	-729.238	CRIT	POI	Critical point and POI	
28.66	39.20063	-20.60427773	875.1125	CRIT	POI	Critical point and POI	
29.63	19.21448	828.25484	-82711.8		1 POI		
29.64	27.49703	1.136857728	14.5087		1 POI	Increasing but POI	
30.45	28.41789	12.88890778	-47.3075	CRIT	POI	Critical point and POI	
30.82	33.18678	-4.614865294	0.394409		-1	1 Decreasing but concave up	
33.54	20.63435	-3.542073443	232.5056	CRIT	POI	Critical point and POI	
34.76	16.31302	280.114758	-13992.6		1 POI		
34.78	21.91531	0.263203907	10.35473		1 POI	Increasing but POI	MAX
35.21	22.02849	4.715736667	-20.0286	CRIT	POI	Critical point and POI	
35.57	23.72616	-2.494568075	13.99927	CRIT	POI	Critical point and POI	
36.1	22.40404	4.925044765	-3.95899	CRIT		-1 Critical point but concave down	
37.46	29.1021	-0.459181461	-0.69562		-1 POI	Decreasing but POI	
42.58	26.75109	-4.020760015	4.478581	CRIT		1 Critical point but concave up	
47.79	5.802928	19.31264771	9.252564		1 POI	Increasing but POI	
48.77	24.72932	28.38016067	-507.82	CRIT		-1 Critical point but concave down	
48.83	26.43213	-2.089017538	-0.27035		-1 POI	Critical point and POI	
51.3	21.27226	-2.756773901	0.449436	CRIT	POI		
57.99	2.829442	0.249953192	-0.05108	CRIT	POI	HUH	MIN
68.96	5.571429	-0.310358302	0.033806	CRIT		1 Critical and concave up	
78.69	2.551642	0.018575483	0.00302		1	1	
259.26	5.905817	0.563909769	0.09037		1	1	
259.78	6.19905	0.61090225	0.127271		1	1 Increasing and Concave Up	
260.1	6.394539	0.651629067	0.3103		1 POI	Increasing, point of inflection	
260.25	6.492283	0.698174	-7.54049	CRIT	POI		
260.39	6.590028	-0.357494983	1.789269	CRIT	POI		
260.98	6.379106	0.698174	-7.41693	CRIT	POI	HUH	MAX
261.12	6.47685	-0.340196839	0.317635		-1 POI	Decreasing	
261.74	6.265928	-0.143262886	-0.10695		-1	-1 Decreasing and Concave Down	
262.53	6.15275	-0.227756941	-0.31038		-1 POI	Decreasing	
265.76	5.417095	-1.230297679	0.326846	CRIT	POI	Critical point and POI	
270	0.200633	0.155529581	-0.01024	CRIT	POI	Critical point and POI	MIN
291.5	3.544519	-0.064523833	0.005345	CRIT		1 Critical point but concave up	
341.57	0.313811	0.203102993	0.272217		1 POI	Increasing and POI	
353.88	2.814009	3.554088925	-1.89656		1 POI	Increasing and POI	
355.74	9.424614	0.026492984					MAX