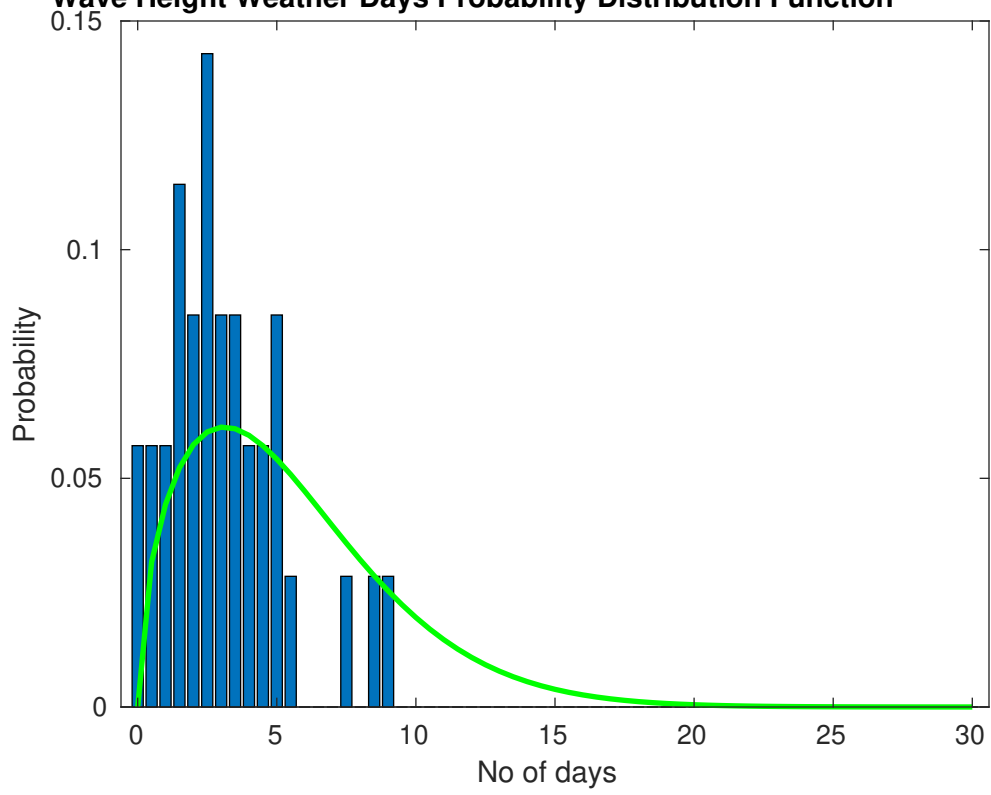
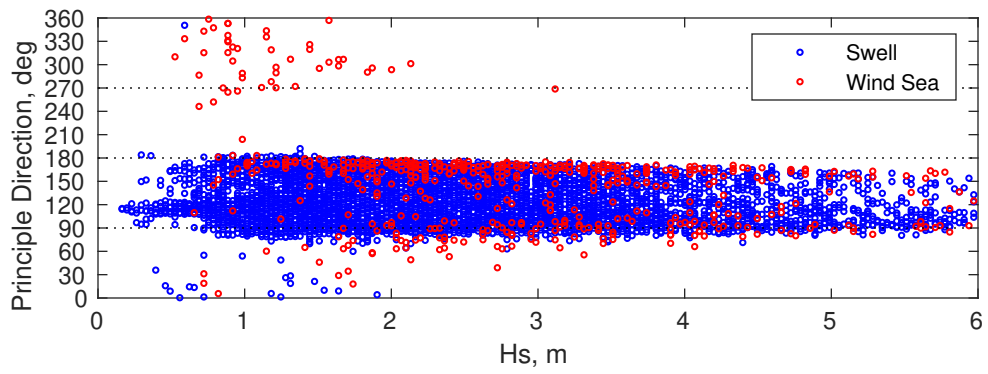
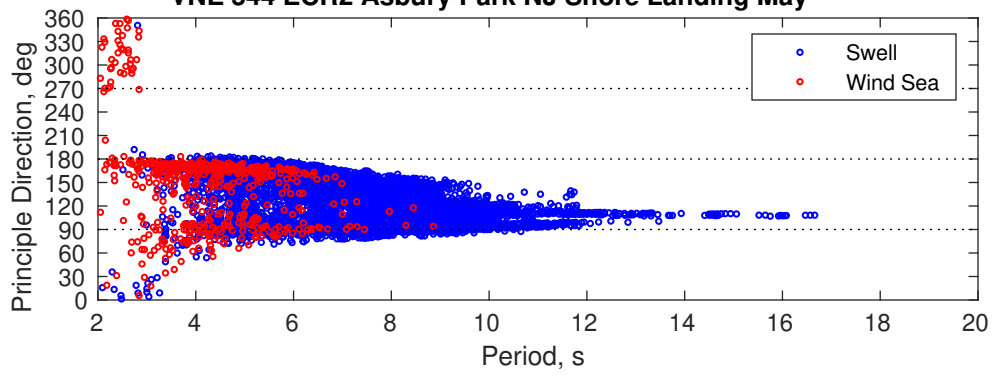


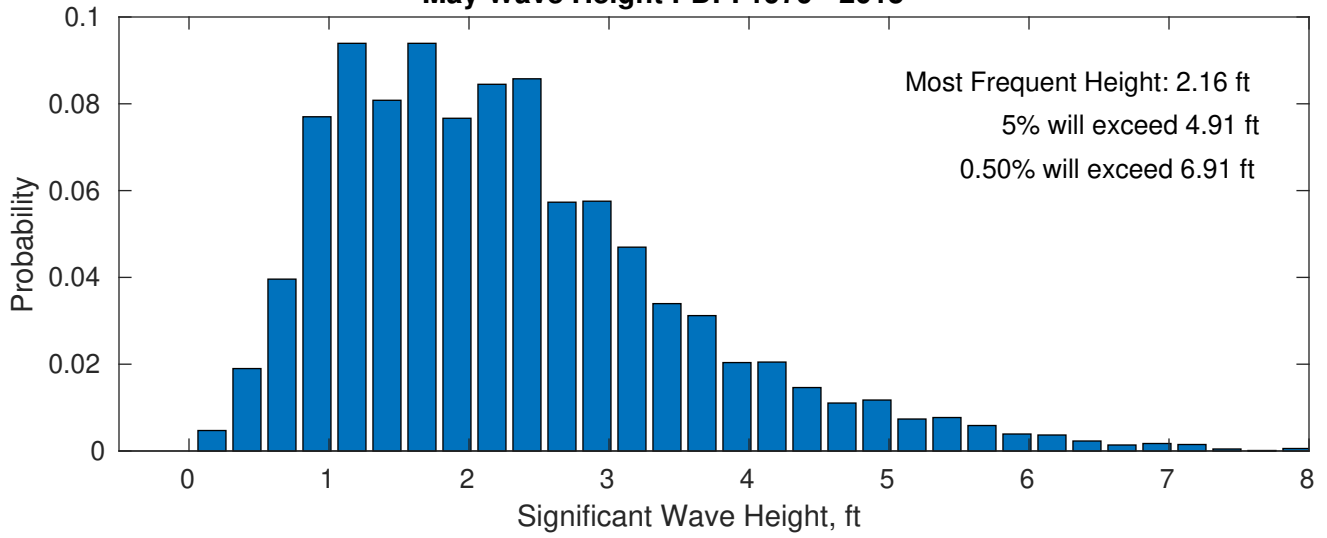
Wave Height Weather Days Probability Distribution Function



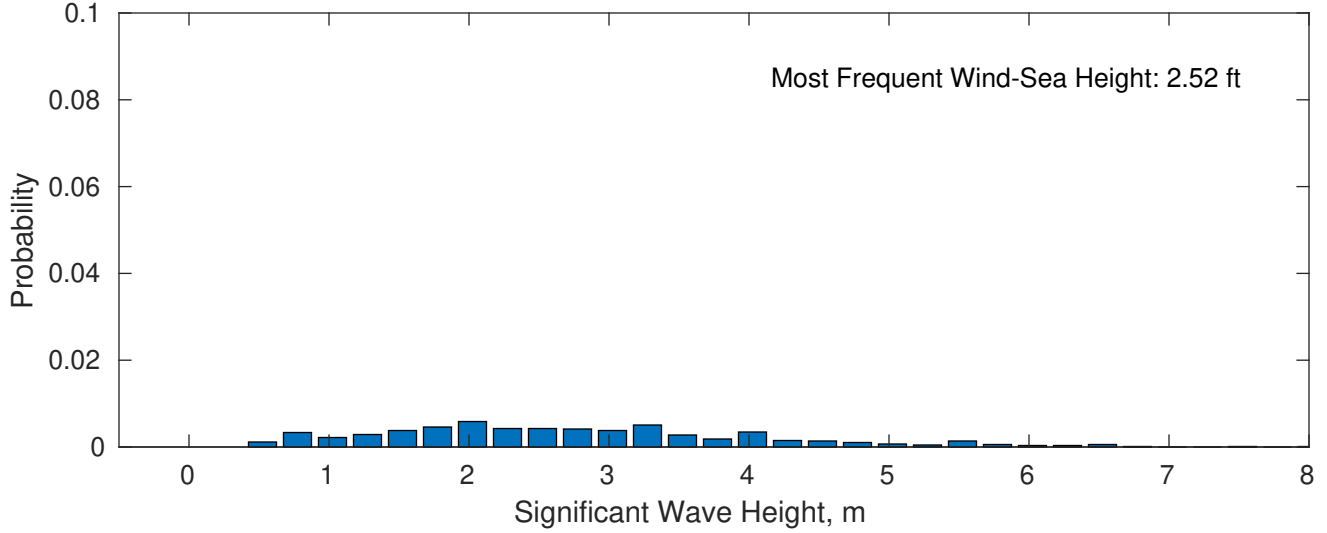
VNE 544 ECR2 Asbury Park NJ Shore Landing May



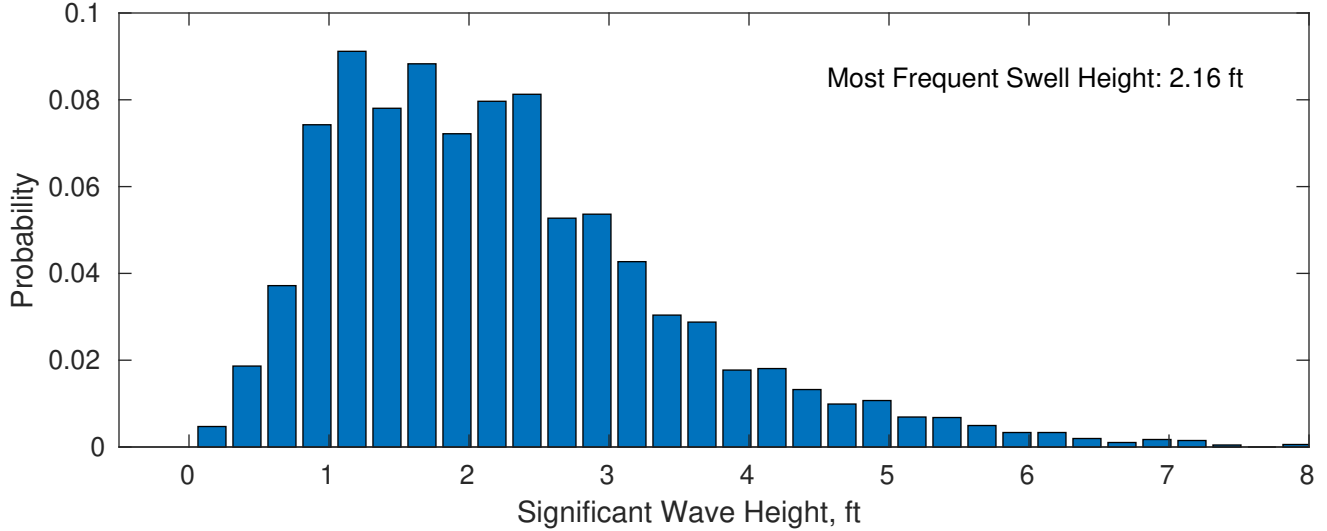
May Wave Height PDF: 1979 - 2015



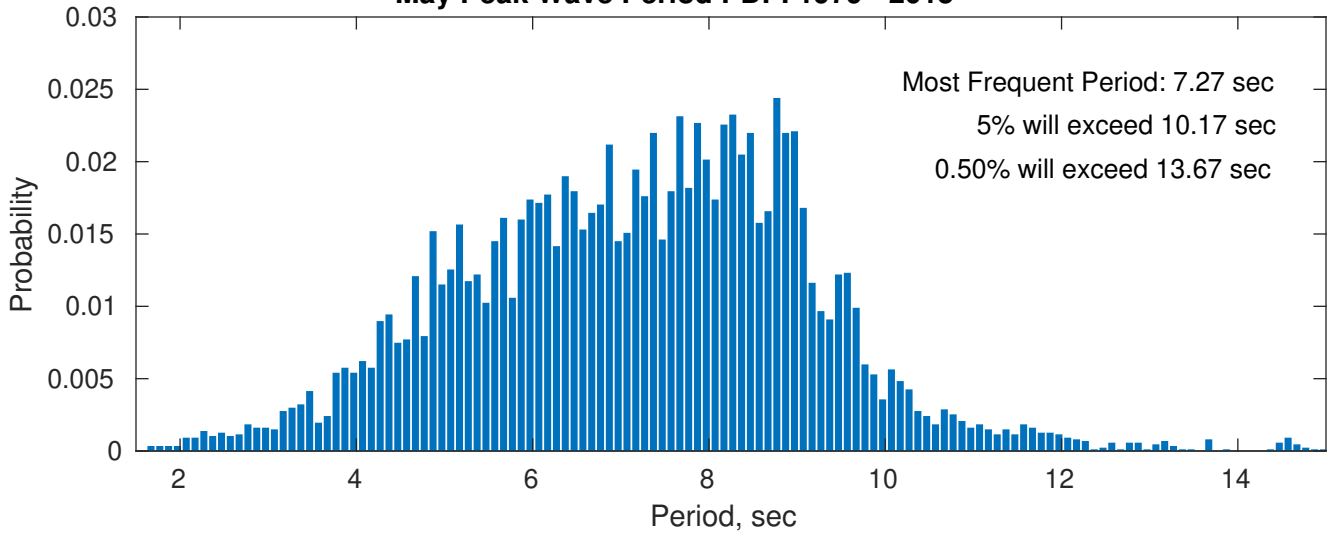
Wind-Sea: 6.27%



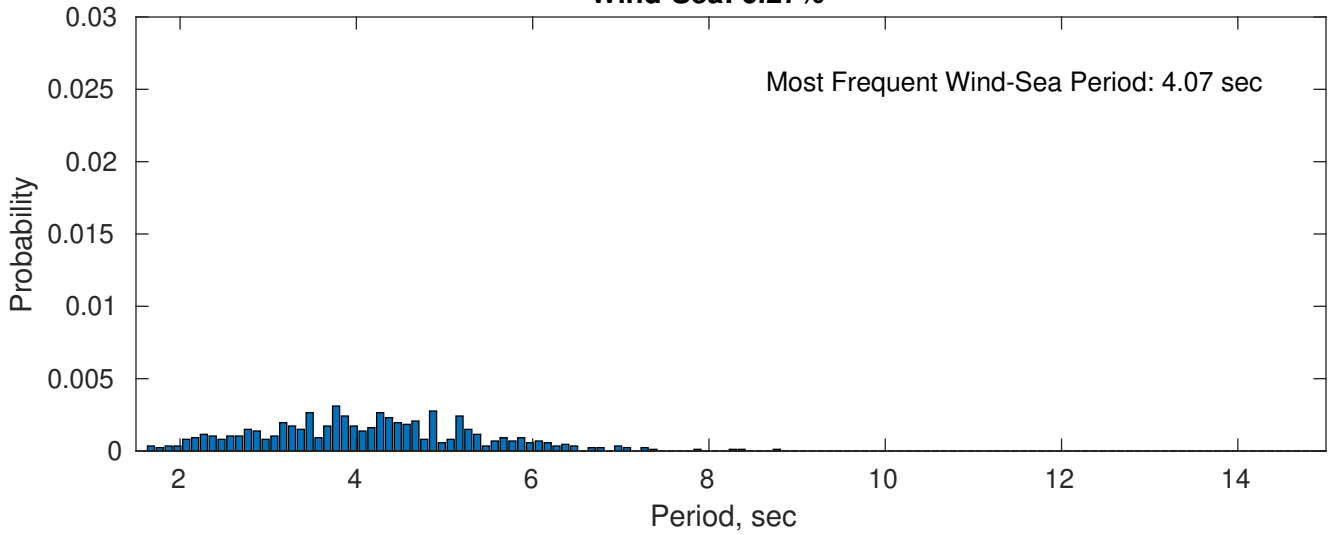
Swell: 93.73%



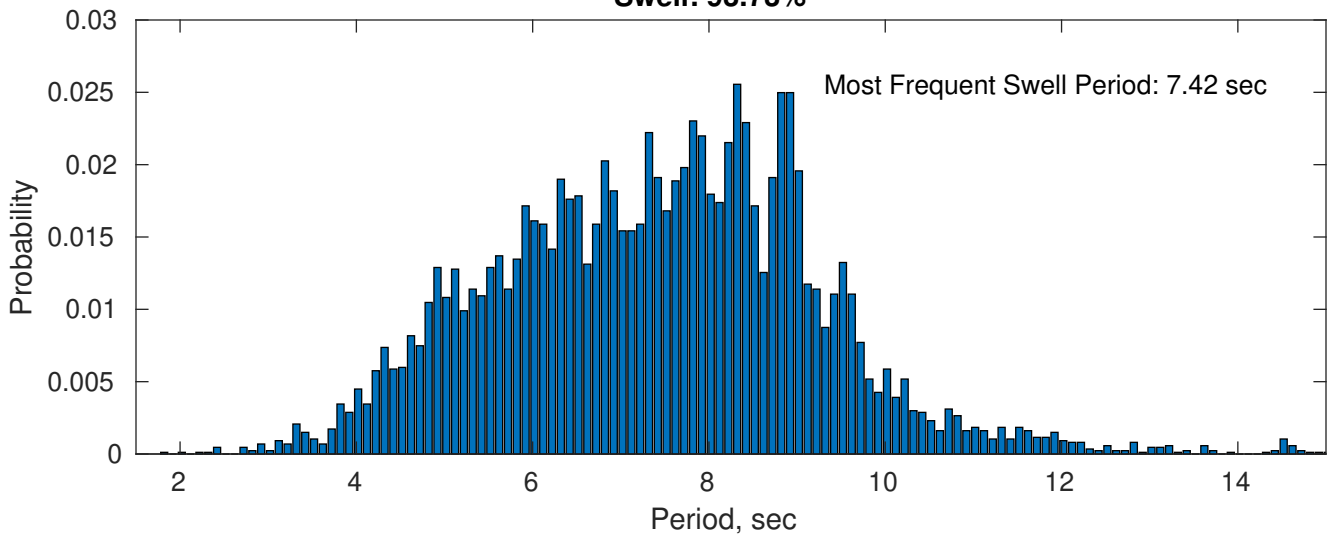
May Peak Wave Period PDF: 1979 - 2015



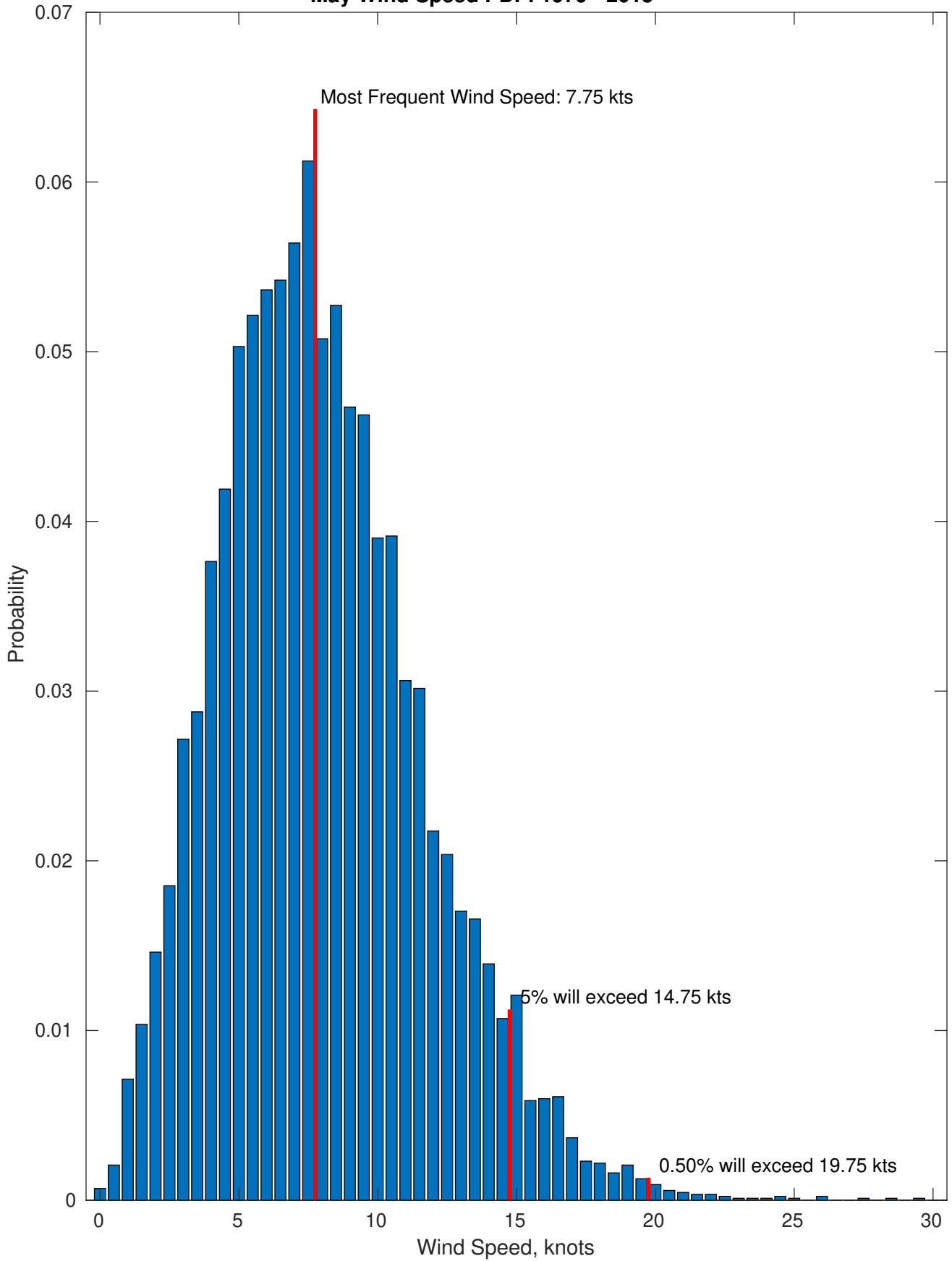
Wind-Sea: 6.27%



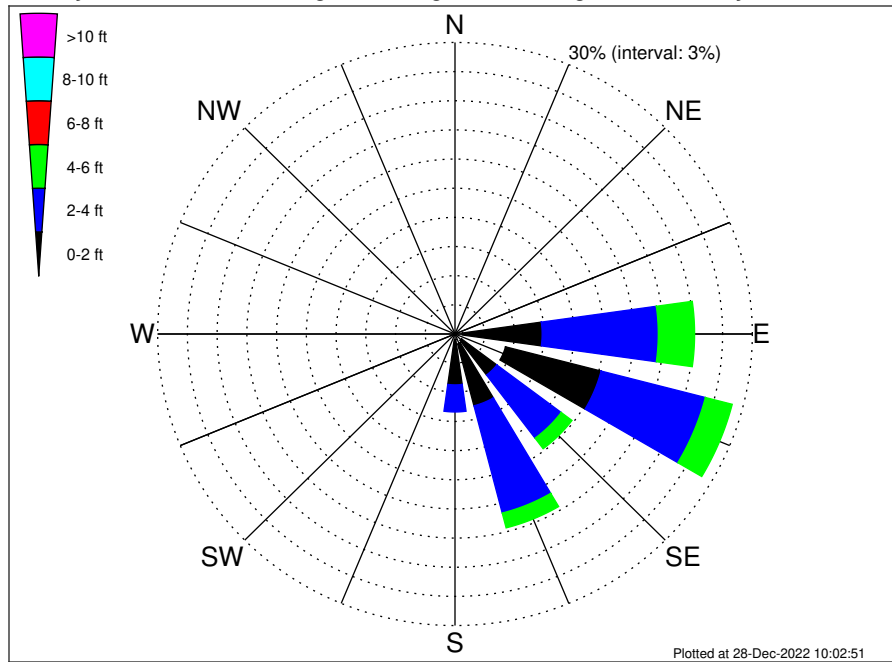
Swell: 93.73%



May Wind Speed PDF: 1979 - 2015



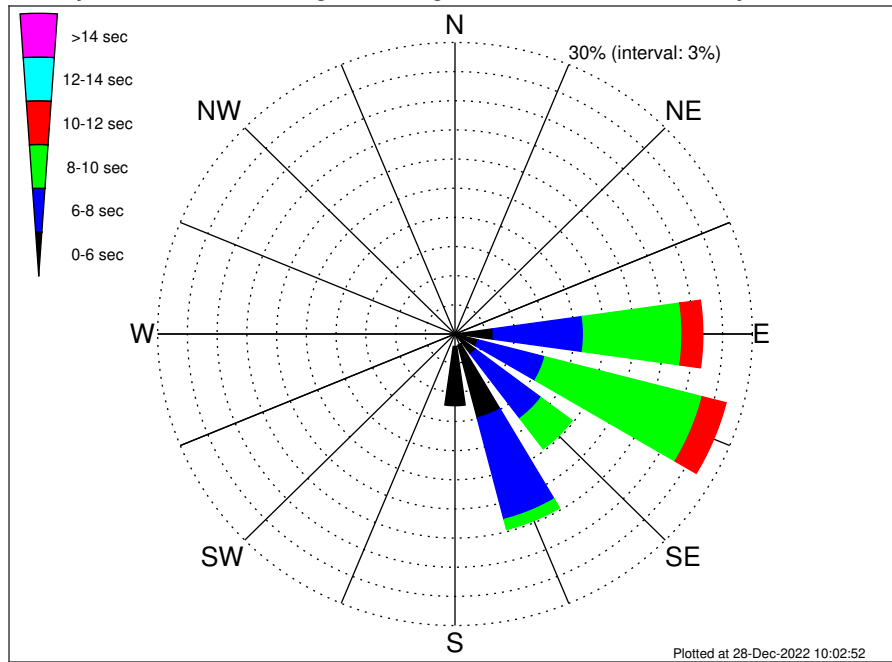
VNE 544 ECR2 Asbury Park NJ Shore Landing Climatological WaveHeight Rose for May: 1979 - 2015



Joint Frequency Distribution Table

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
calm	0.09	0.06	0.03	•	0.74	5.26	0.82	1.05	0.56	0.01	•	0.02	0.03	0.03	0.07	0.07	8.85
1 - 2 ft	0.07	0.07	0.03	0.31	8.06	9.97	4.47	6.58	4.67	0.01	•	•	0.05	0.08	0.07	0.02	34.47
2 - 4 ft	•	•	0.05	0.52	11.72	10.87	8.14	11.40	2.79	•	•	•	0.01	0.02	•	•	45.50
4 - 6 ft	•	•	•	0.03	3.66	2.80	1.36	1.58	0.05	•	•	•	•	•	•	•	9.47
6 - 8 ft	•	•	•	•	0.73	0.44	0.13	0.15	•	•	•	•	•	•	•	•	1.44
8 - 10 ft	•	•	•	•	0.16	0.05	•	0.02	•	•	•	•	•	•	•	•	0.23
10 - 12 ft	•	•	•	•	•	0.03	•	•	•	•	•	•	•	•	•	•	0.03
12 - 14 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
14 - 16 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
16 - 18 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
> 18 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	0.16	0.13	0.12	0.86	25.06	29.41	14.91	20.78	8.07	0.02	•	0.02	0.09	0.14	0.14	0.09	100.00

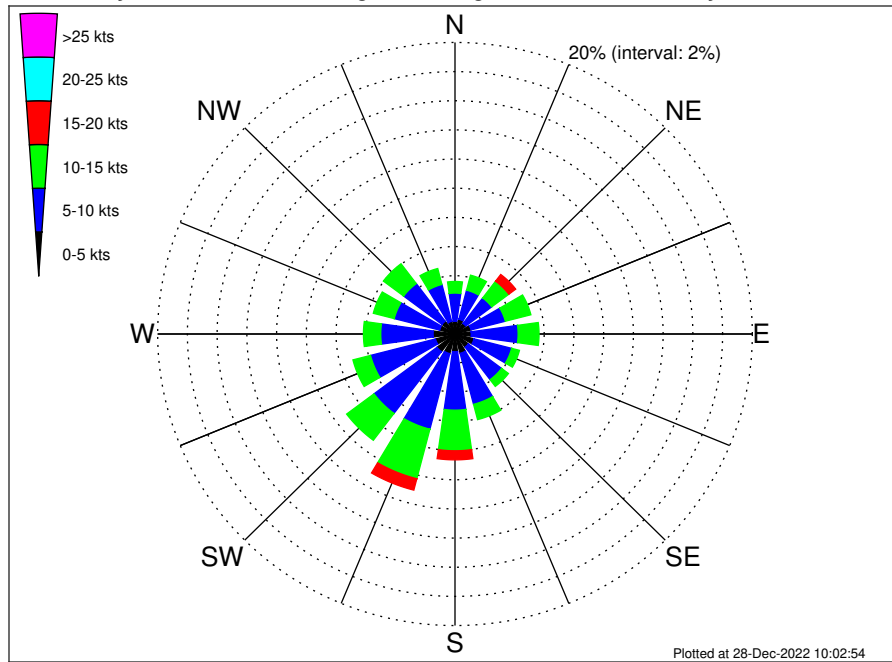
VNE 544 ECR2 Asbury Park NJ Shore Landing Climatological WavePeriod Rose for May: 1979 - 2015



Joint Frequency Distribution Table

	N	NNE	NE	ENE	E	ENE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
calm	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
1 - 2 sec	0.01	•	•	•	•	0.01	0.01	•	•	•	•	0.02	0.02	0.01	0.02	•	0.12
2 - 4 sec	0.15	0.13	0.08	0.39	0.40	0.20	0.25	1.17	1.29	0.02	•	•	0.07	0.13	0.12	0.09	4.49
4 - 6 sec	•	•	0.03	0.35	3.46	2.20	2.34	7.76	6.09	•	•	•	•	•	•	•	22.23
6 - 8 sec	•	•	•	0.13	9.11	6.96	8.28	10.77	0.69	•	•	•	•	•	•	•	35.94
8 - 10 sec	•	•	•	•	9.93	16.40	3.91	1.07	•	•	•	•	•	•	•	•	31.32
10 - 12 sec	•	•	•	•	2.10	2.47	0.12	•	•	•	•	•	•	•	•	•	4.69
12 - 14 sec	•	•	•	•	0.06	0.75	•	•	•	•	•	•	•	•	•	•	0.81
14 - 16 sec	•	•	•	•	•	0.33	•	•	•	•	•	•	•	•	•	•	0.33
18 - 20 sec	•	•	•	•	•	0.08	•	•	•	•	•	•	•	•	•	•	0.08
22 - 24 sec	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	0.16	0.13	0.12	0.86	25.06	29.41	14.91	20.78	8.07	0.02	•	0.02	0.09	0.14	0.14	0.09	100.00

VNE 544 ECR2 Asbury Park NJ Shore Landing Climatological Wind Rose for May: 1979 - 2015



Joint Frequency Distribution Table

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
calm	0.02	0.01	0.01	0.03	0.01	0.01	0.02	0.02	0.02	0.01	0.02	0.02	•	0.01	0.02	0.01	0.28
0 - 5 kts	0.85	1.04	0.90	1.08	1.08	1.31	1.11	1.35	1.20	1.38	1.50	1.34	1.47	1.06	1.07	0.89	18.61
5 - 10 kts	1.93	2.06	2.19	2.38	3.15	2.61	2.80	3.61	4.01	5.35	5.31	4.51	3.52	3.15	3.23	2.61	52.45
10 - 15 kts	0.79	1.06	1.44	1.77	1.40	0.54	0.58	1.08	2.79	3.51	2.30	1.22	1.16	1.45	1.70	1.13	23.93
15 - 20 kts	0.09	0.29	0.58	0.45	0.23	0.03	0.05	0.16	0.62	0.81	0.15	0.07	0.26	0.29	0.13	0.12	4.32
20 - 25 kts	0.02	0.10	0.05	•	0.02	•	0.01	0.05	0.06	0.02	•	•	•	0.01	•	•	0.35
25 - 30 kts	•	•	0.02	0.02	0.02	•	•	•	•	•	•	•	•	•	•	•	0.07
30 - 35 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
35 - 40 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
40 - 45 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
45 - 50 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	3.72	4.56	5.18	5.74	5.93	4.51	4.56	6.27	8.69	11.09	9.28	7.16	6.42	5.97	6.16	4.75	100.00