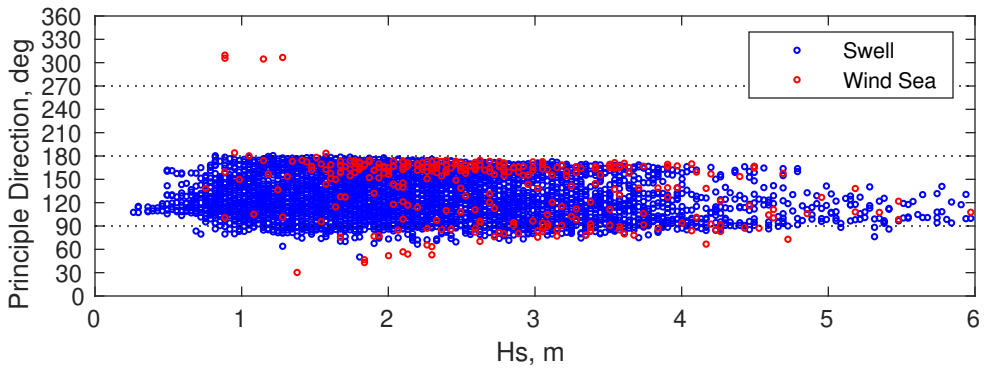
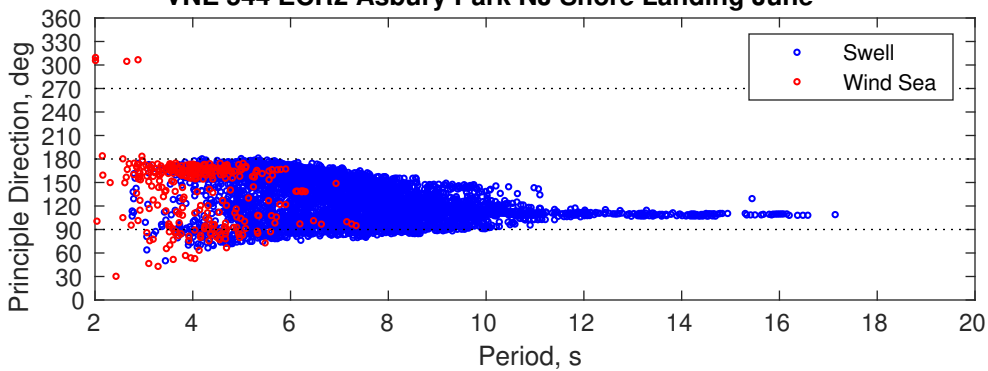
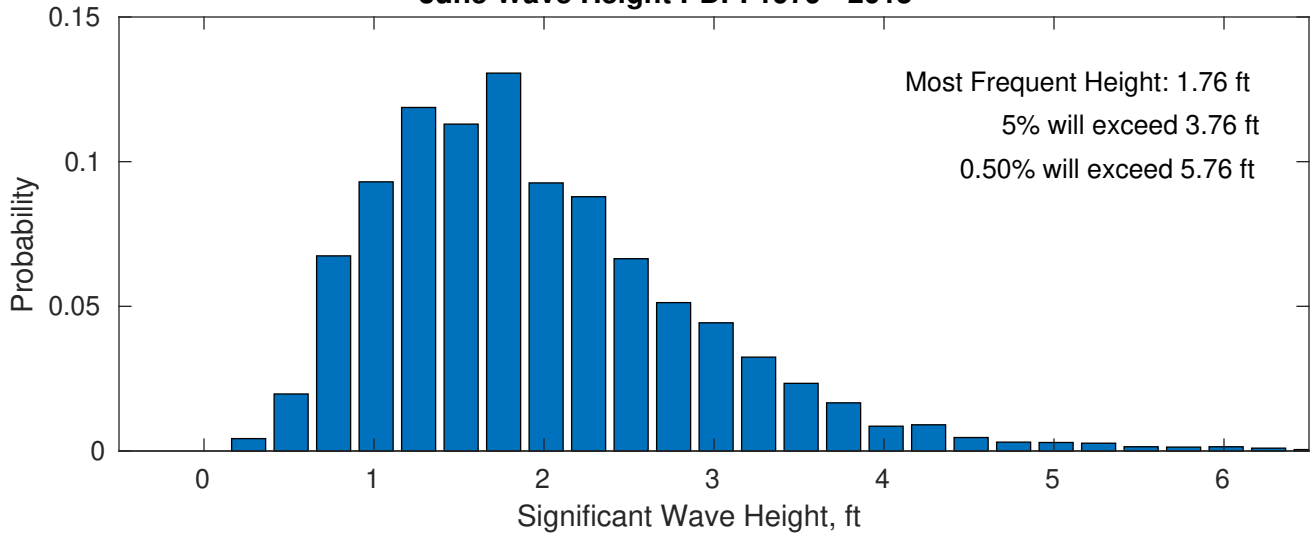


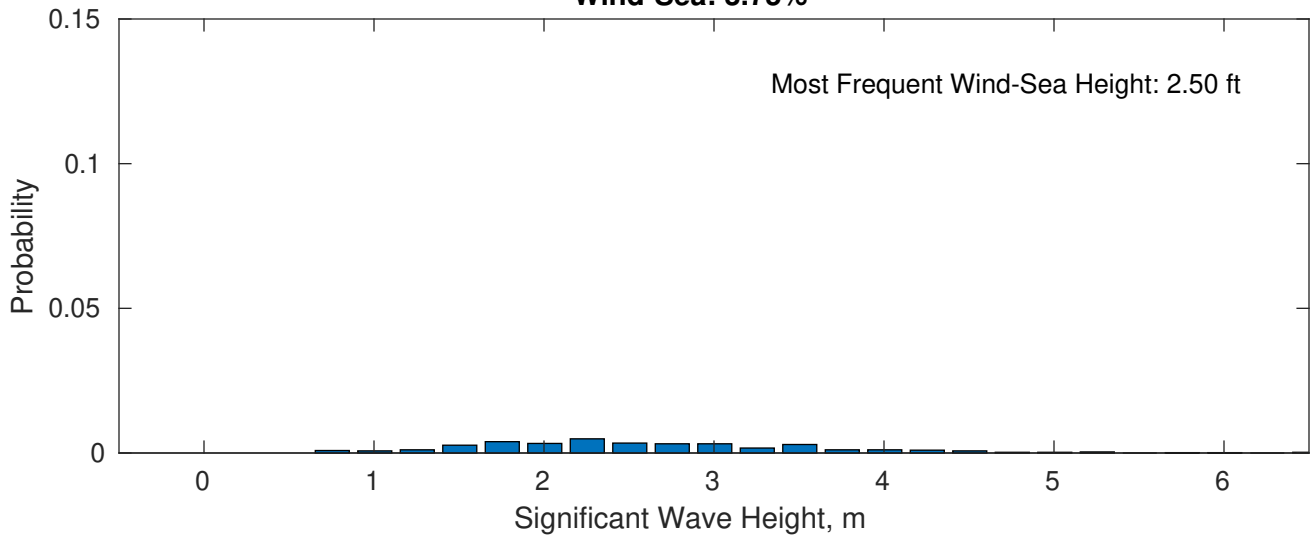
VNE 544 ECR2 Asbury Park NJ Shore Landing June



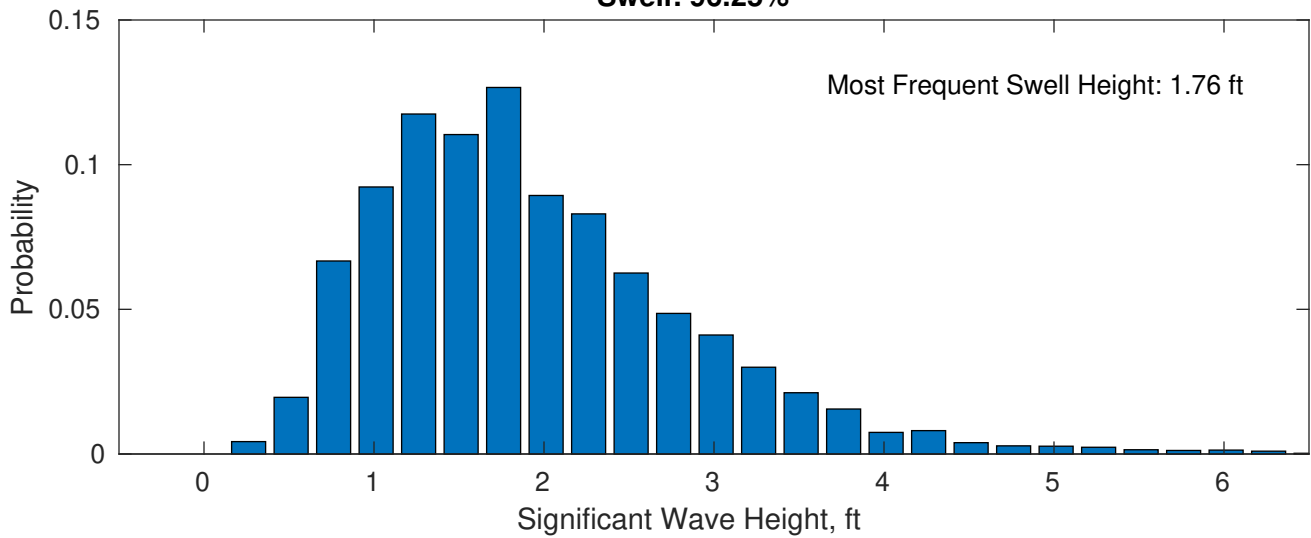
June Wave Height PDF: 1979 - 2015



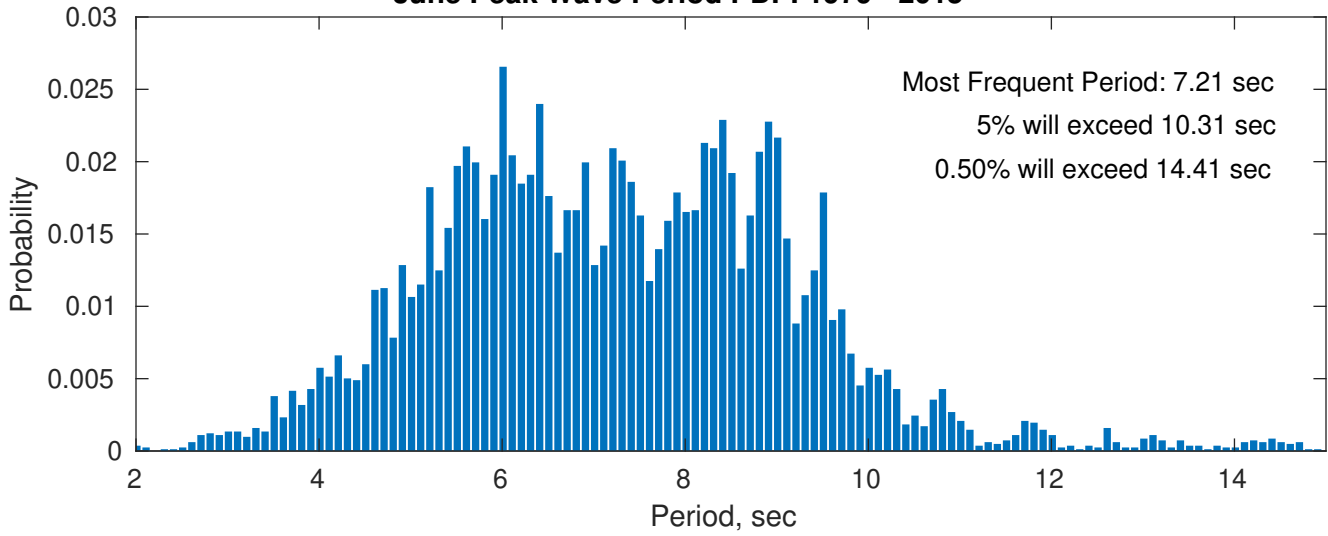
Wind-Sea: 3.75%



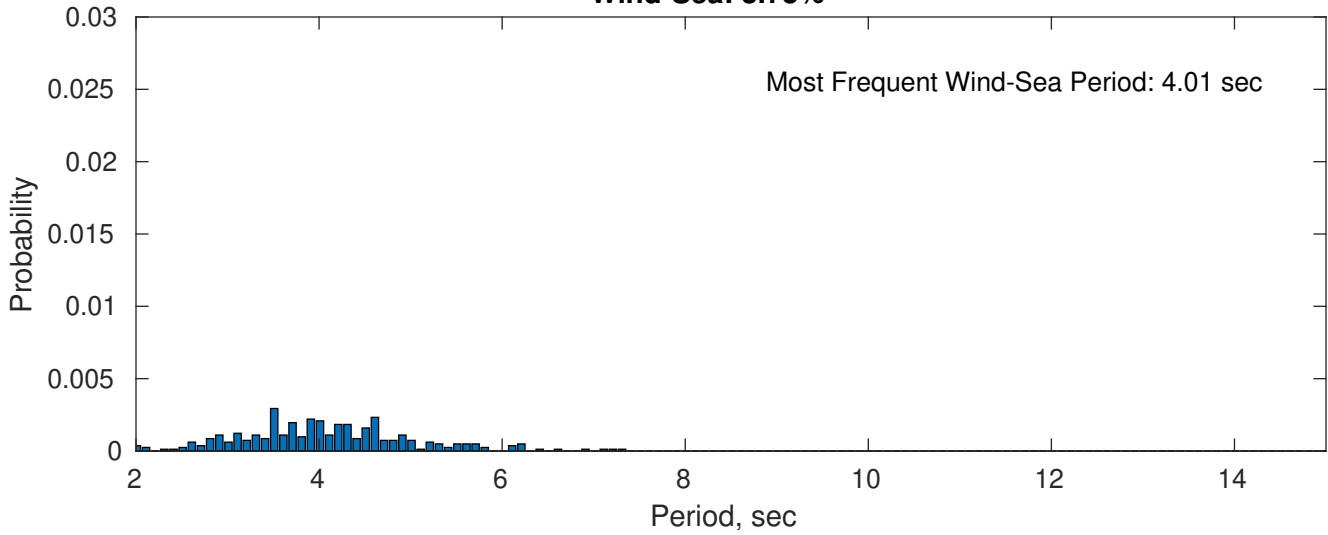
Swell: 96.25%



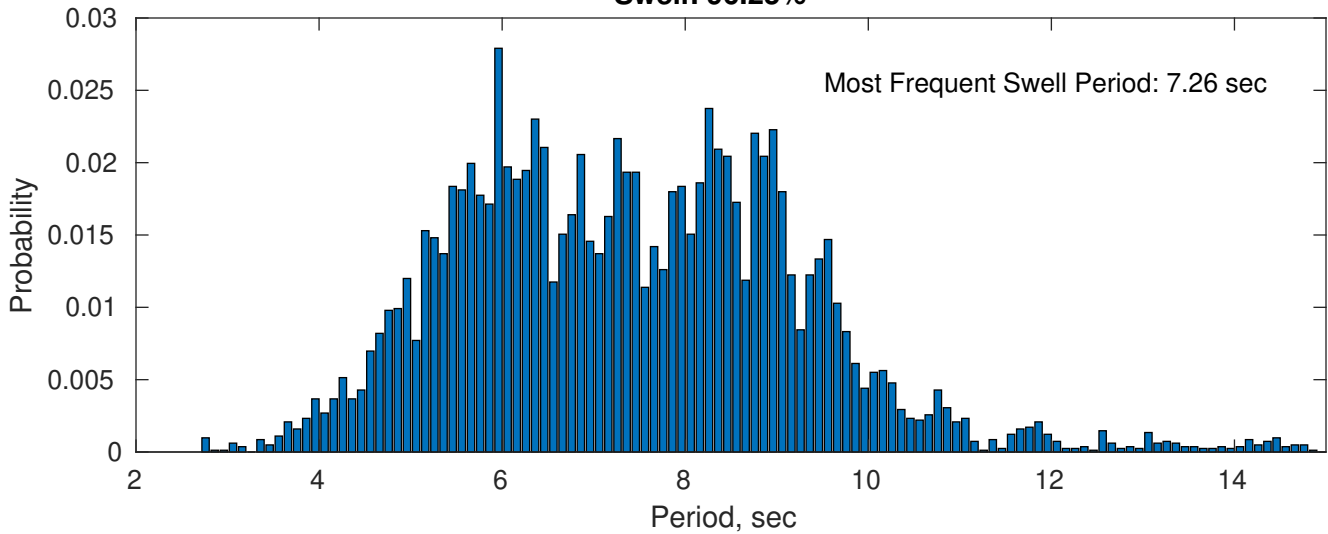
June Peak Wave Period PDF: 1979 - 2015



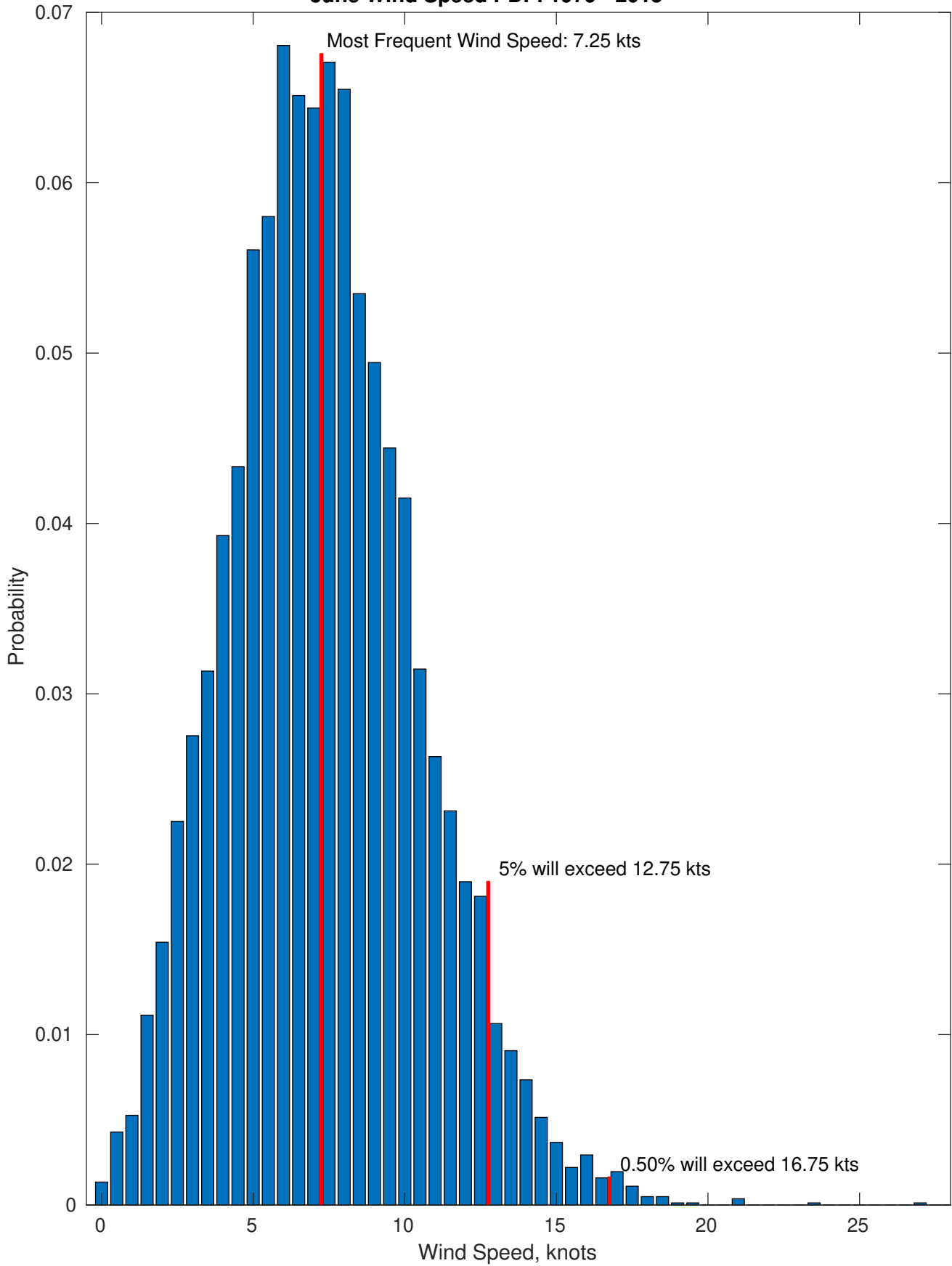
Wind-Sea: 3.75%



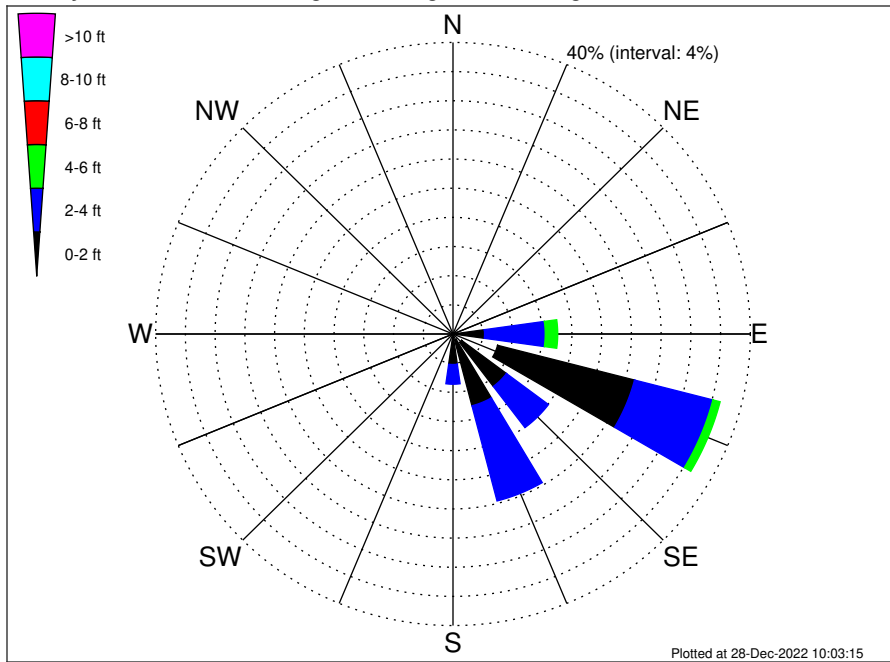
Swell: 96.25%



June Wind Speed PDF: 1979 - 2015



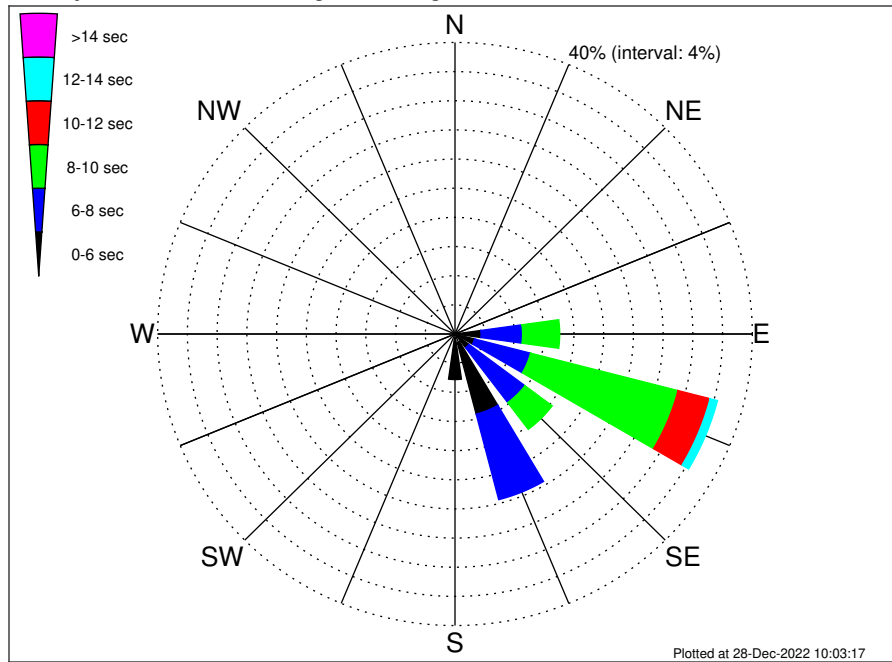
VNE 544 ECR2 Asbury Park NJ Shore Landing Climatological WaveHeight Rose for June: 1979 - 2015



Joint Frequency Distribution Table

	N	NNE	NE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
calm	•	•	•	•	0.40	6.19	1.44	0.83	0.24	•	•	•	•	•	•	9.14
1 - 2 ft	•	0.01	0.04	0.21	3.84	19.03	7.56	9.34	3.94	•	•	•	•	•	0.02	44.00
2 - 4 ft	•	•	0.04	0.43	8.16	10.89	7.07	13.49	2.71	•	•	•	•	•	•	42.79
4 - 6 ft	•	•	•	0.04	1.68	1.00	0.51	0.37	0.01	•	•	•	•	•	•	3.61
6 - 8 ft	•	•	•	•	0.29	0.13	0.02	•	•	•	•	•	•	•	•	0.45
8 - 10 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
10 - 12 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
12 - 14 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
14 - 16 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
16 - 18 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
> 18 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	•	0.01	0.07	0.67	14.38	37.26	16.62	24.03	6.90	•	•	•	•	•	0.05	100.00

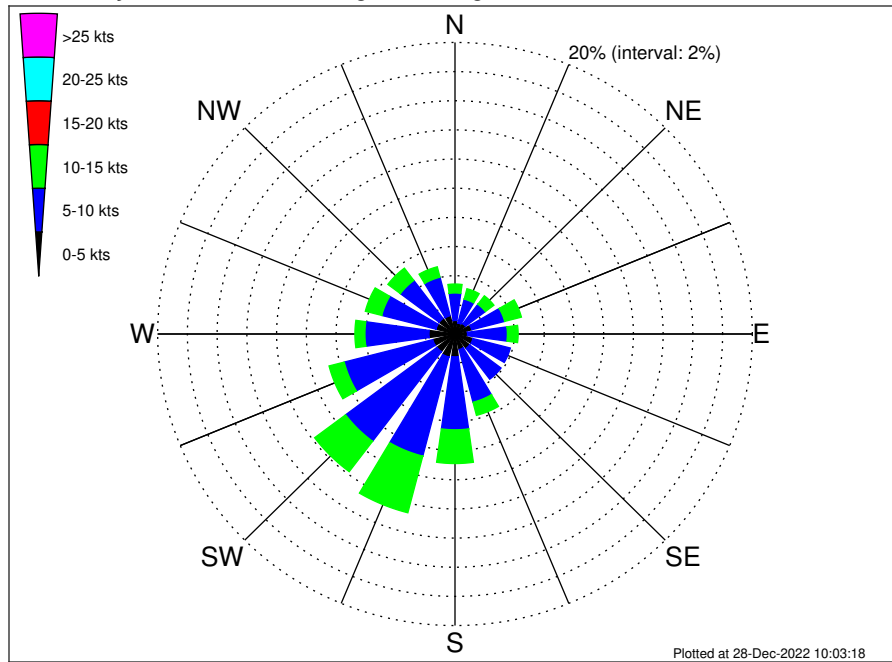
VNE 544 ECR2 Asbury Park NJ Shore Landing Climatological WavePeriod Rose for June: 1979 - 2015



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	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
2 - 4 sec	•	0.01	0.06	0.13	0.47	0.23	0.23	1.20	0.56	•	•	•	•	•	0.05	•	2.95
4 - 6 sec	•	•	0.01	0.53	3.05	2.50	2.13	10.16	5.69	•	•	•	•	•	•	•	24.06
6 - 8 sec	•	•	•	0.01	5.58	7.77	9.42	12.12	0.65	•	•	•	•	•	•	•	35.56
8 - 10 sec	•	•	•	•	4.99	20.49	4.59	0.55	•	•	•	•	•	•	•	•	30.62
10 - 12 sec	•	•	•	•	0.29	4.46	0.23	•	•	•	•	•	•	•	•	•	4.98
12 - 14 sec	•	•	•	•	•	1.03	•	•	•	•	•	•	•	•	•	•	1.03
14 - 16 sec	•	•	•	•	•	0.69	0.01	•	•	•	•	•	•	•	•	•	0.70
18 - 20 sec	•	•	•	•	•	0.10	•	•	•	•	•	•	•	•	•	•	0.10
22 - 24 sec	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	•	0.01	0.07	0.67	14.38	37.26	16.62	24.03	6.90	•	•	•	•	•	0.05	•	100.00

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



Joint Frequency Distribution Table

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
calm	0.01	0.02	0.01	0.06	0.02	0.01	•	0.05	0.04	0.02	0.02	0.04	0.11	0.05	0.06	0.02	0.56
0 - 5 kts	0.92	0.76	0.87	1.10	0.82	1.24	1.24	1.05	1.53	1.60	1.49	1.51	1.64	1.27	1.27	1.27	19.58
5 - 10 kts	1.88	1.69	1.68	2.29	2.68	2.59	2.64	3.73	5.01	7.03	7.70	6.16	4.31	3.77	3.27	2.73	59.16
10 - 15 kts	0.61	0.73	0.72	1.16	0.72	0.24	0.45	0.93	2.31	4.01	2.61	1.05	0.67	1.14	1.05	0.73	19.17
15 - 20 kts	0.05	0.02	0.06	0.21	0.12	0.05	0.01	0.07	0.15	0.32	0.07	0.02	0.11	0.07	0.09	0.04	1.47
20 - 25 kts	•	•	•	•	•	0.01	0.01	•	0.01	0.01	•	•	•	•	•	•	0.05
25 - 30 kts	•	•	•	•	•	0.01	•	•	•	•	•	•	•	•	•	•	0.01
30 - 35 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
35 - 40 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
40 - 45 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
45 - 50 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	3.48	3.23	3.34	4.82	4.37	4.16	4.36	5.84	9.05	13.00	11.90	8.78	6.84	6.30	5.74	4.80	100.00