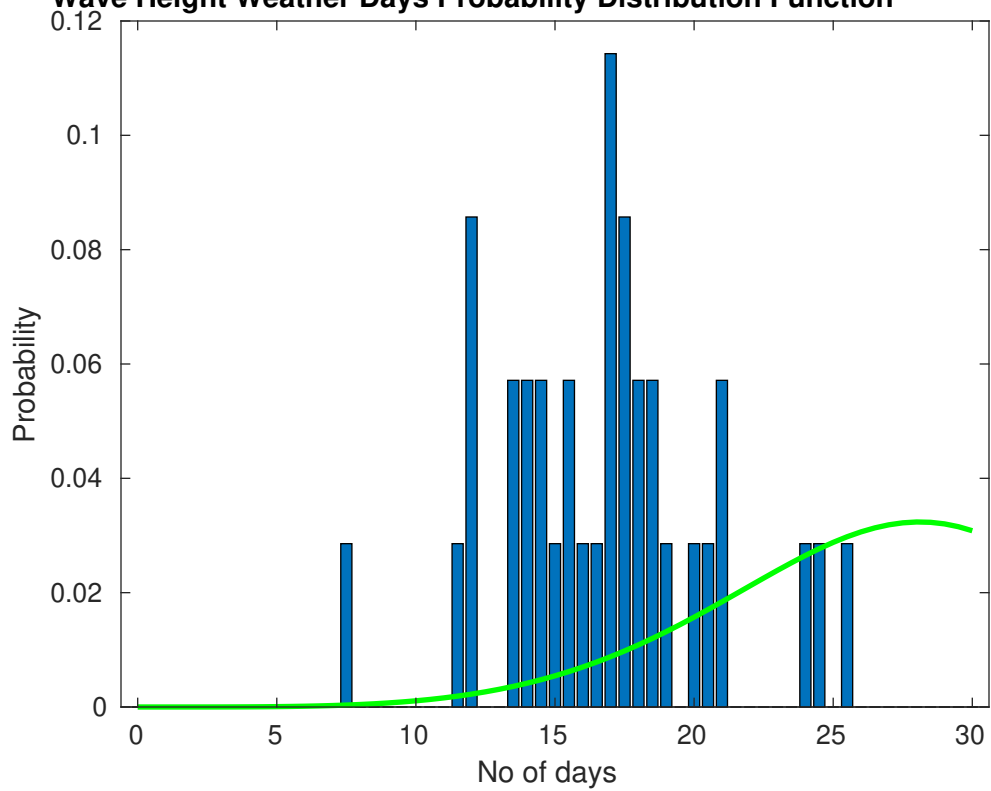
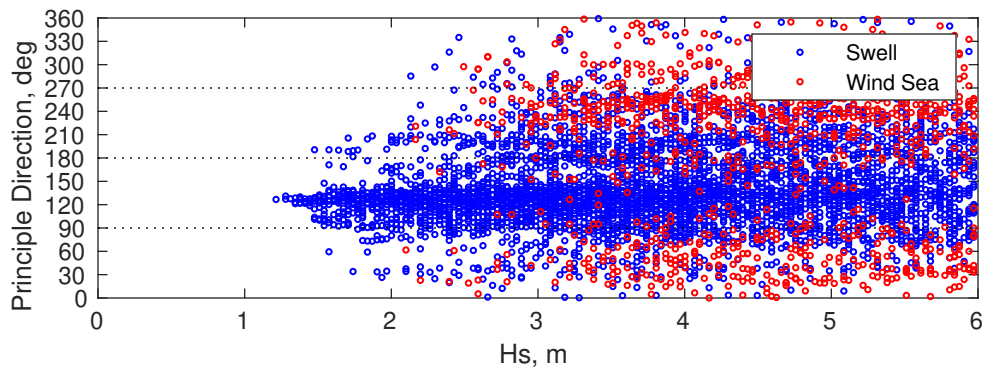
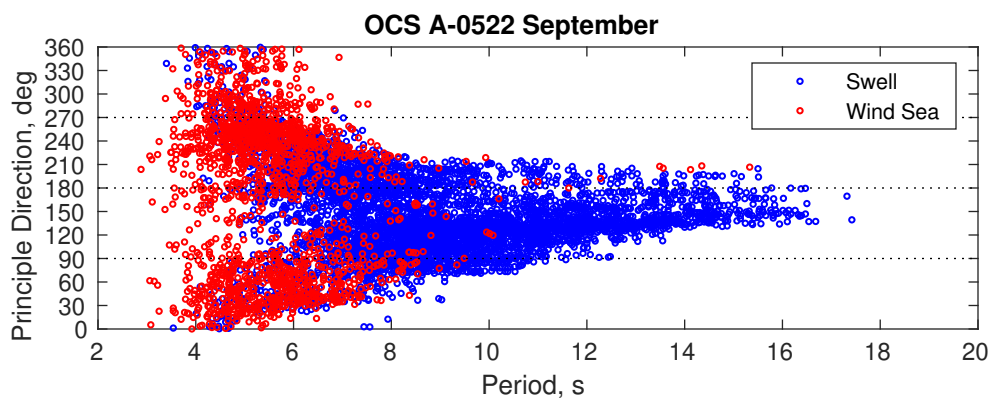
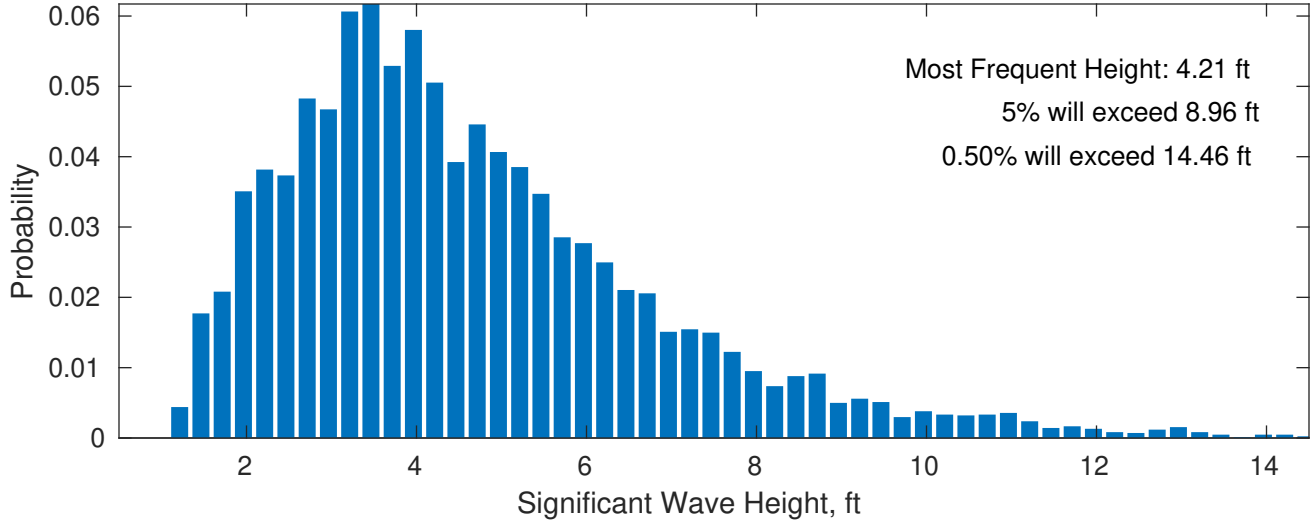


Wave Height Weather Days Probability Distribution Function

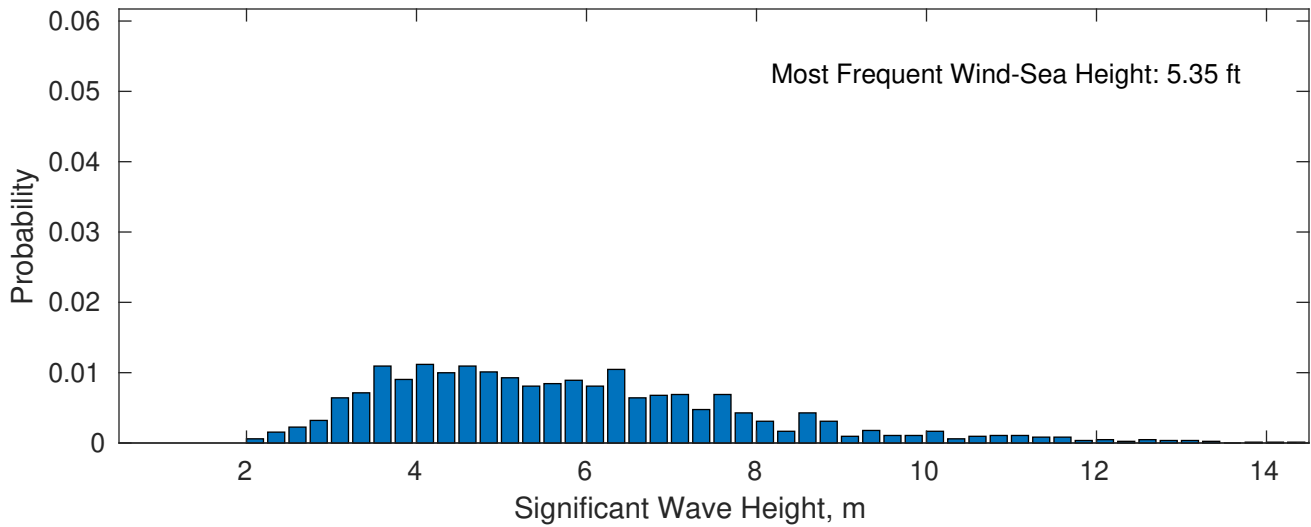




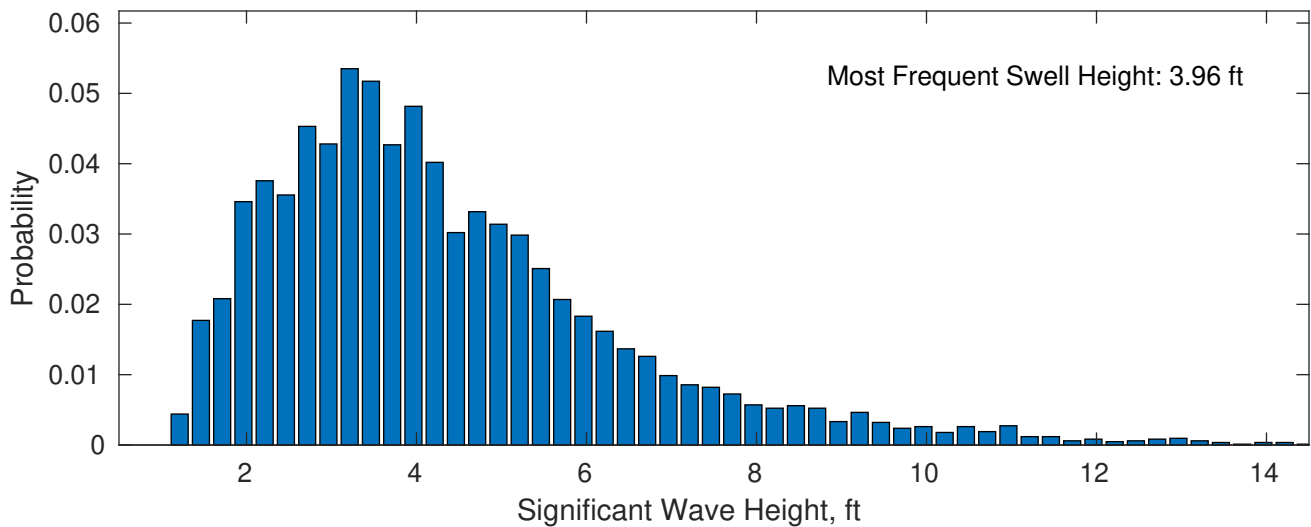
September Wave Height PDF: 1979 - 2015



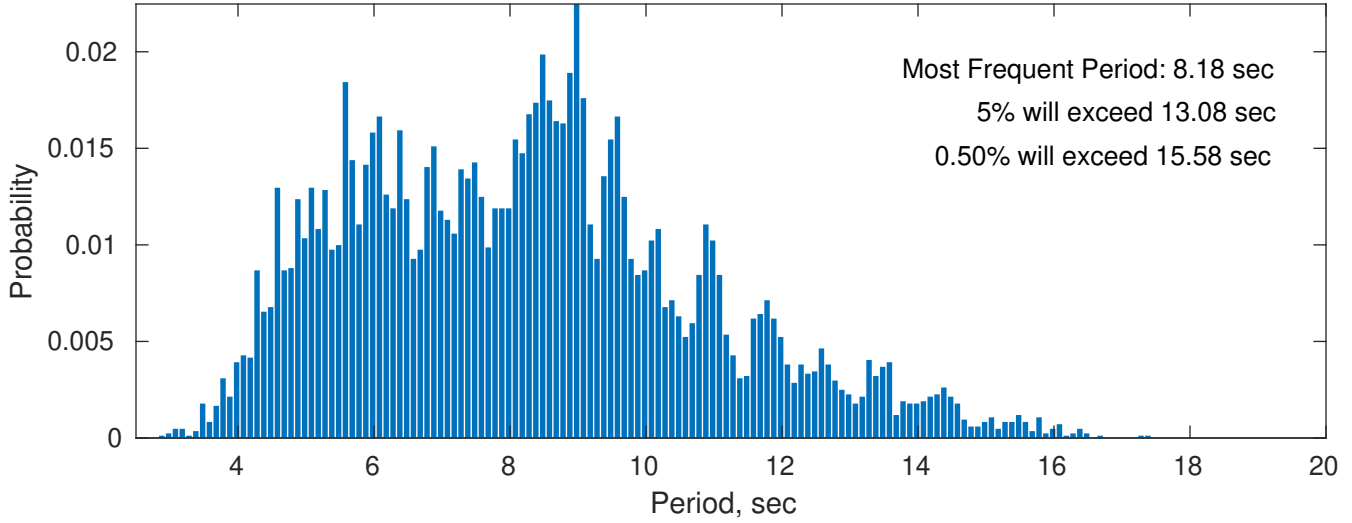
Wind-Sea: 20.13%



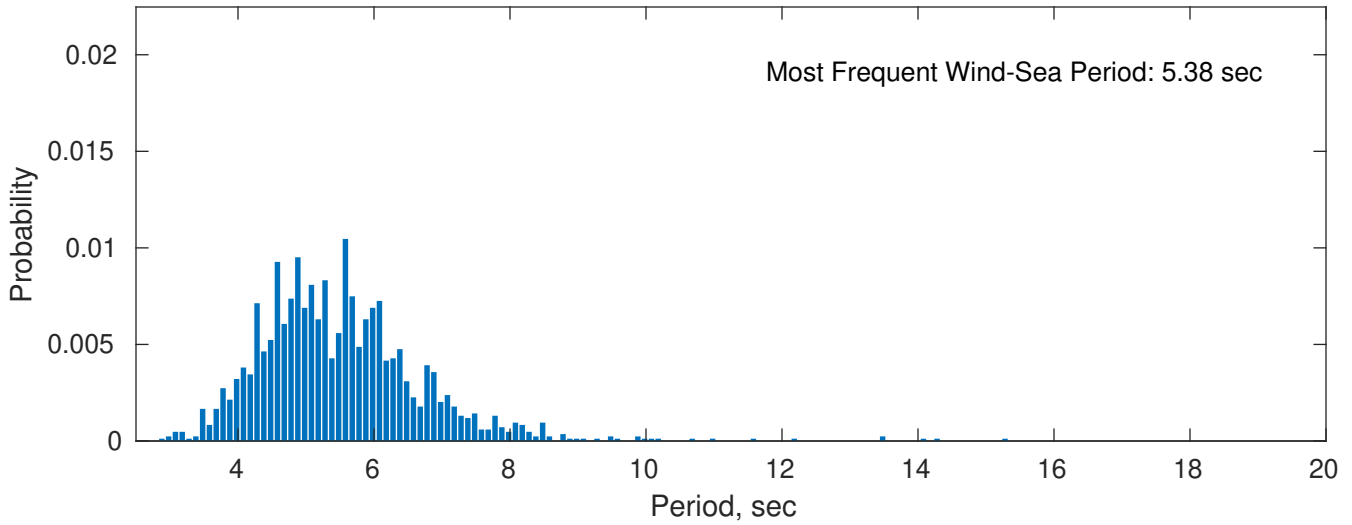
Swell: 79.87%



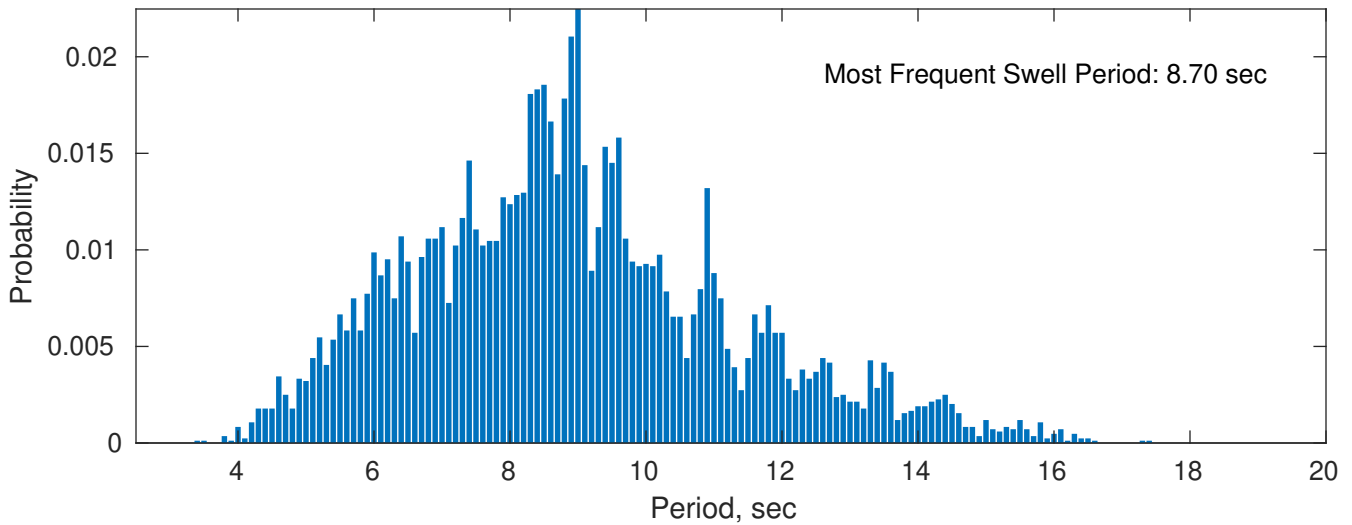
September Peak Wave Period PDF: 1979 - 2015



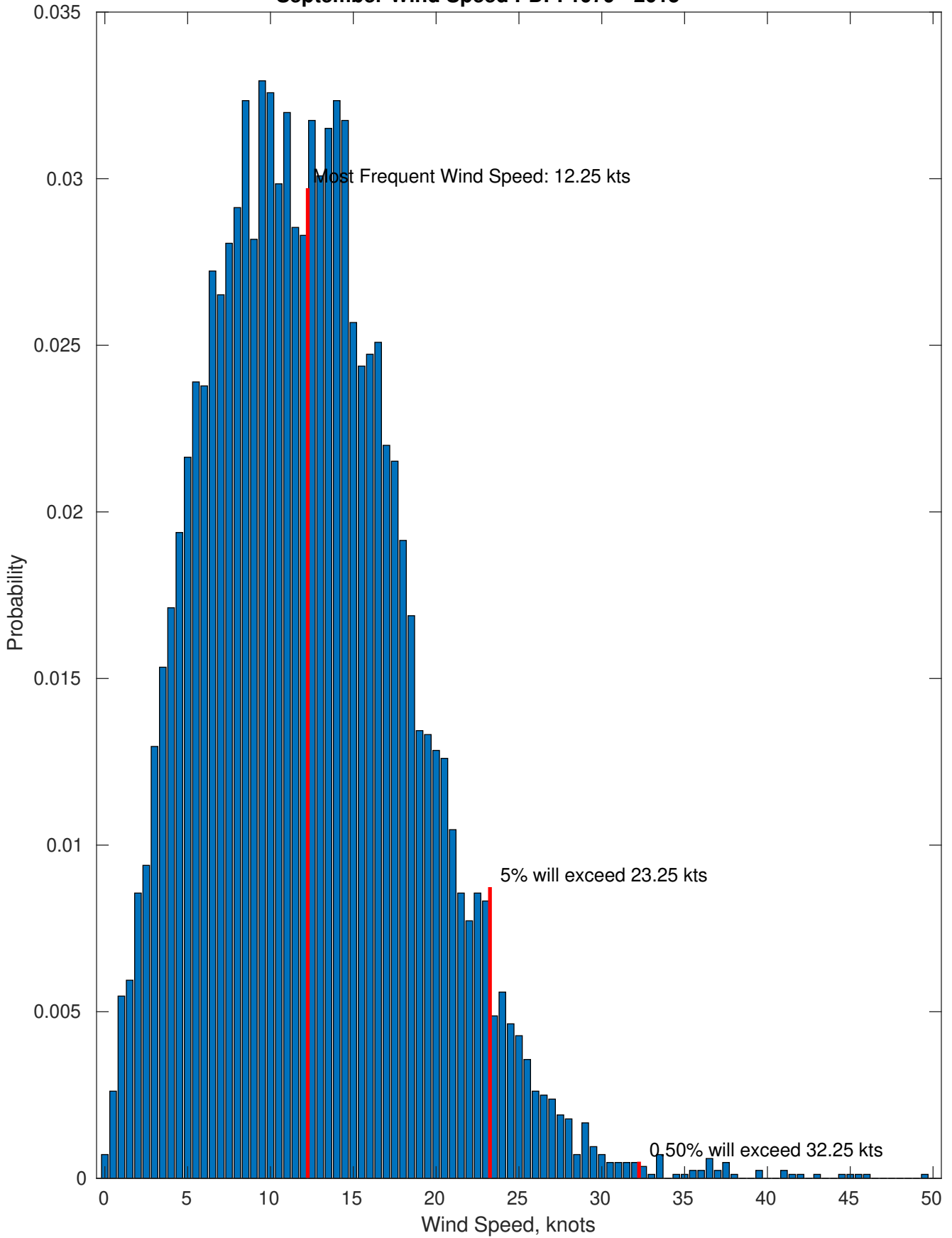
Wind-Sea: 20.13%



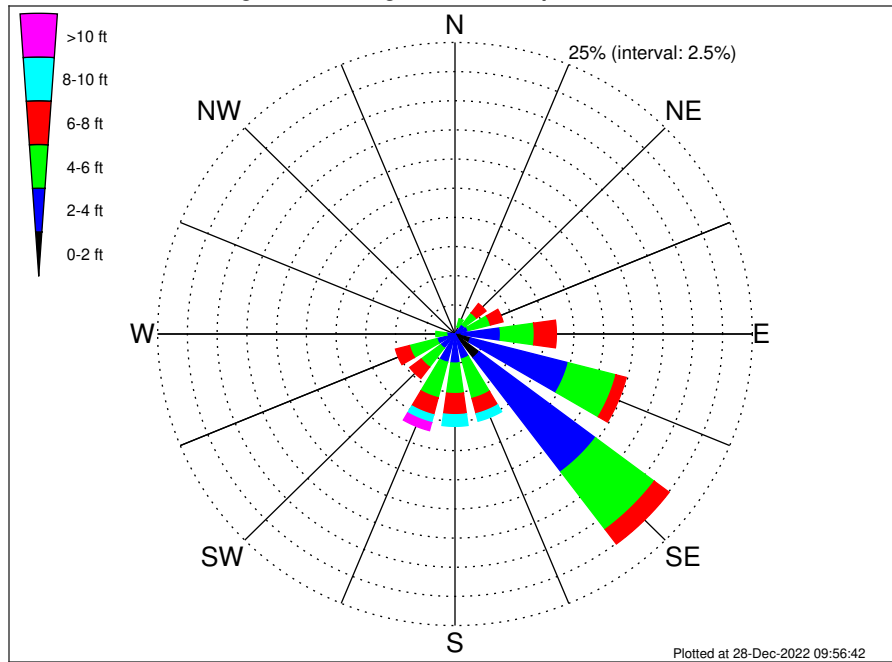
Swell: 79.87%



September Wind Speed PDF: 1979 - 2015



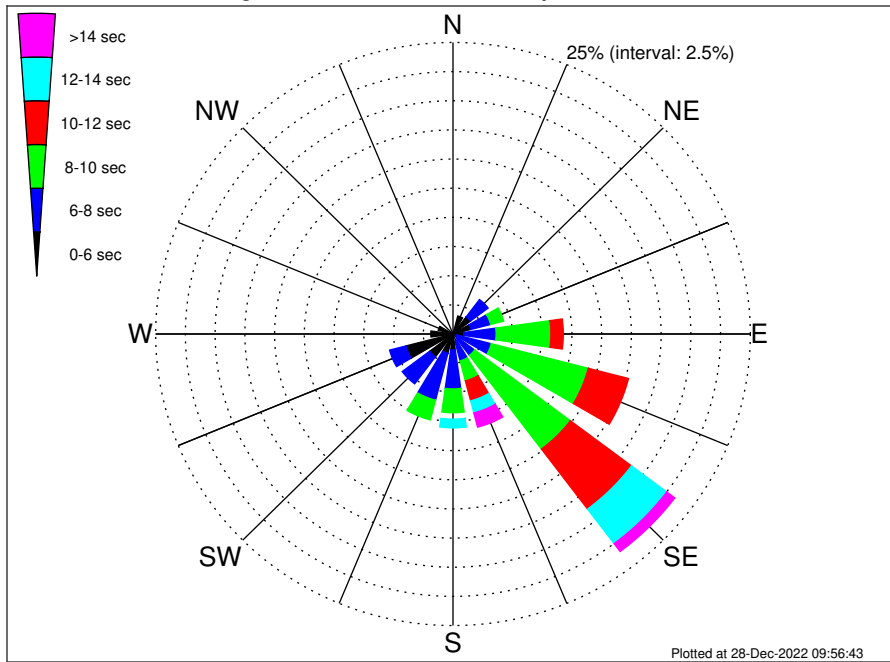
OCS A-0522 Climatological WaveHeight Rose for September: 1979 - 2015



Joint Frequency Distribution Table

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
calm	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
1 - 2 ft	•	0.02	0.02	0.12	0.54	1.34	2.54	0.06	0.15	0.05	•	•	•	•	•	•	4.85
2 - 4 ft	0.18	0.62	0.99	1.01	3.29	8.50	12.25	2.15	2.34	2.46	1.52	1.57	0.70	0.49	0.12	0.19	38.38
4 - 6 ft	0.32	0.71	1.26	1.95	2.84	4.14	6.20	3.50	2.62	3.14	2.03	2.39	0.92	0.57	0.26	0.21	33.06
6 - 8 ft	0.13	0.44	1.00	1.09	1.85	0.89	1.56	1.36	1.81	1.51	1.21	1.21	0.37	0.27	0.08	0.15	14.95
8 - 10 ft	0.02	0.06	0.40	0.19	0.40	0.30	0.55	0.67	1.00	0.69	0.46	0.32	0.05	0.10	0.04	0.04	5.28
10 - 12 ft	•	•	0.07	0.14	0.37	0.29	0.15	0.33	0.26	0.32	0.18	0.01	0.01	0.01	•	0.04	2.19
12 - 14 ft	•	0.01	0.02	0.02	•	0.10	0.11	0.10	0.10	0.18	0.06	•	•	0.01	•	•	0.70
14 - 16 ft	0.01	•	0.02	0.01	•	•	•	0.04	0.11	0.02	0.02	•	•	•	•	•	0.24
16 - 18 ft	0.01	•	•	0.01	0.02	•	•	0.01	0.04	0.05	0.01	•	•	•	•	•	0.15
> 18 ft	•	•	•	•	•	•	•	0.05	0.01	0.14	•	•	•	•	•	•	0.20
Total	0.68	1.87	3.79	4.55	9.32	15.55	23.35	8.25	8.43	8.56	5.51	5.51	2.05	1.45	0.50	0.63	100.00

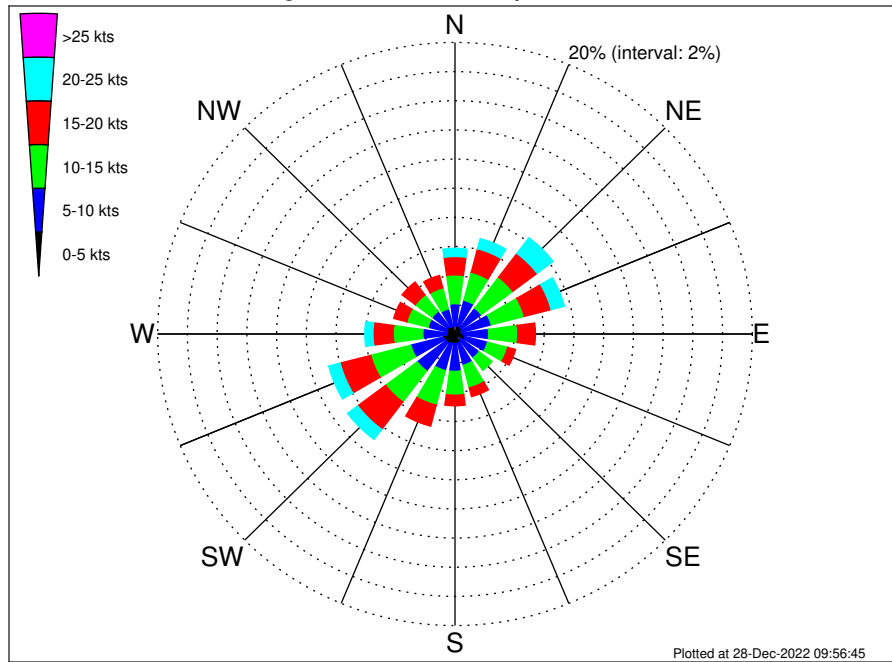
OCS A-0522 Climatological WavePeriod Rose for September: 1979 - 2015



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	0.07	0.12	0.10	0.06	0.04	0.06	0.01	0.06	0.06	0.07	0.24	0.11	0.06	0.06	0.02	0.05	1.18
4 - 6 sec	0.57	1.47	1.75	1.50	0.87	0.24	0.42	0.57	1.32	1.65	2.22	3.97	1.81	1.22	0.44	0.54	20.56
6 - 8 sec	0.04	0.27	1.85	1.71	2.72	3.03	1.85	1.75	3.33	4.14	2.89	1.43	0.18	0.17	0.04	0.05	25.45
8 - 10 sec	•	•	0.10	1.13	4.60	8.42	10.07	1.77	2.05	1.75	0.12	•	•	•	•	•	30.00
10 - 12 sec	•	•	•	0.15	1.05	3.50	6.44	1.77	0.55	0.52	0.04	•	•	•	•	•	14.02
12 - 14 sec	•	•	•	•	0.05	0.31	3.71	1.07	0.75	0.25	•	•	•	•	•	•	6.14
14 - 16 sec	•	•	•	•	•	•	0.75	1.14	0.33	0.18	•	•	•	•	•	•	2.40
18 - 20 sec	•	•	•	•	•	•	0.10	0.12	0.05	•	•	•	•	•	•	•	0.26
22 - 24 sec	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	0.68	1.87	3.79	4.55	9.32	15.55	23.35	8.25	8.43	8.56	5.51	5.51	2.05	1.45	0.50	0.63	100.00

OCS A-0522 Climatological Wind Rose for September: 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	0.06	0.04	0.01	0.01	0.02	0.05	•	•	•	0.02	0.02	0.02	0.02	0.02	0.01	0.33
0 - 5 kts	0.50	0.54	0.52	0.48	0.52	0.67	0.46	0.64	0.68	0.67	0.74	0.78	0.56	0.52	0.62	0.52	9.42
5 - 10 kts	1.57	1.80	1.65	2.03	1.74	1.57	1.52	1.57	1.89	1.93	2.41	2.26	1.58	1.33	1.28	1.24	27.37
10 - 15 kts	1.97	1.99	2.66	2.29	1.95	1.40	1.08	1.61	1.63	2.45	2.66	2.78	1.99	1.47	1.43	1.50	30.87
15 - 20 kts	1.26	1.66	2.05	1.87	1.19	0.55	0.48	0.62	0.73	1.49	2.35	2.13	1.37	0.90	1.11	0.88	20.62
20 - 25 kts	0.56	0.71	1.34	0.92	0.34	0.18	0.10	0.21	0.32	0.49	0.86	0.80	0.55	0.32	0.38	0.34	8.42
25 - 30 kts	0.18	0.29	0.24	0.25	0.13	0.07	0.08	0.04	0.08	0.17	0.13	0.12	0.07	0.11	0.14	0.14	2.24
30 - 35 kts	0.02	0.04	0.05	0.02	•	•	0.01	0.02	0.01	0.05	0.02	0.01	0.02	0.02	0.05	0.04	0.39
35 - 40 kts	•	0.01	0.07	0.04	•	•	0.01	0.01	0.01	•	•	•	0.01	0.01	0.02	0.02	0.23
40 - 45 kts	•	0.01	0.01	•	•	•	•	•	0.01	0.01	0.02	•	•	•	•	•	0.07
45 - 50 kts	0.01	0.01	0.01	•	•	•	•	•	•	0.01	•	•	•	•	•	•	0.05
Total	6.09	7.11	8.64	7.91	5.89	4.46	3.79	4.72	5.36	7.25	9.23	8.91	6.17	4.72	5.05	4.70	100.00