

OCS A-0501 South - November

Weather Days

Wave Height > 5.0 ft Mean: 15.0 days Range: 12.5 - 17.5 days p50: 16 days p90: 19 days

Wave Height > 6.0 ft Mean: 10.6 days Range: 8.0 - 13.2 days p50: 11 days p90: 15 days

Wave Height > 7.0 ft Mean: 7.4 days Range: 4.9 - 9.8 days p50: 8 days p90: 12 days

Working Window Probability

Wave Height < 5.0 ft 3 days or longer: 28%

5 days or longer: 3%

7 days or longer: 1%

Wave Height < 6.0 ft 3 days or longer: 44%

5 days or longer: 9%

7 days or longer: 3%

Wave Height < 7.0 ft 3 days or longer: 59%

5 days or longer: 20%

7 days or longer: 8%

Waves

Mean Height: 4 - 6 ft

The wave heights will occasionally reach 14 - 16 ft, but rarely higher.

Mean Period: 6 - 8 sec

The wave periods will occasionally reach 12 - 14 sec, but rarely longer.

Principle Direction, from: ESE

WindSea/Swell: 43% / 57%

Winds

Mean Speed: 15 - 20 kts

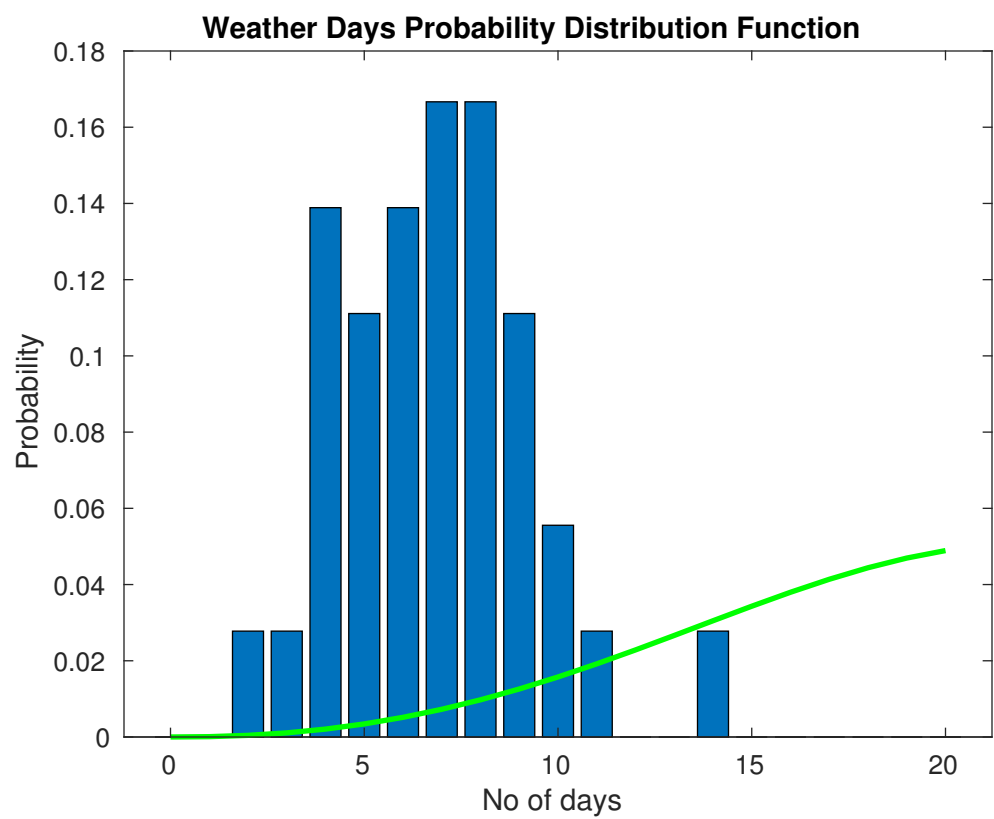
The winds will occasionally reach 35 - 40 kts, but rarely greater.

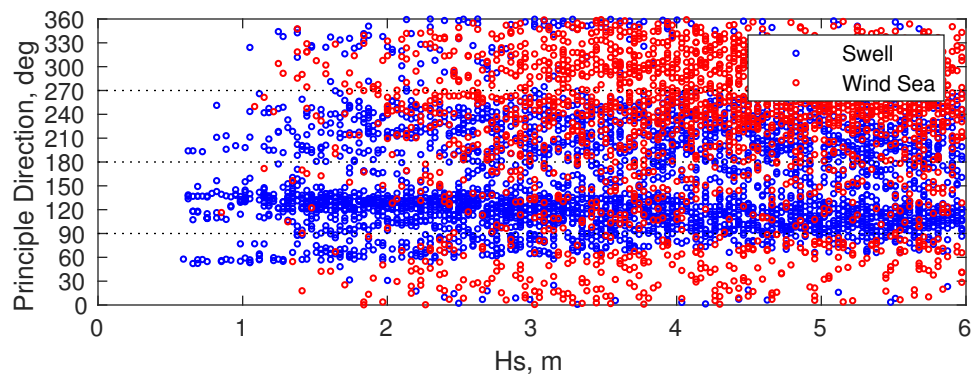
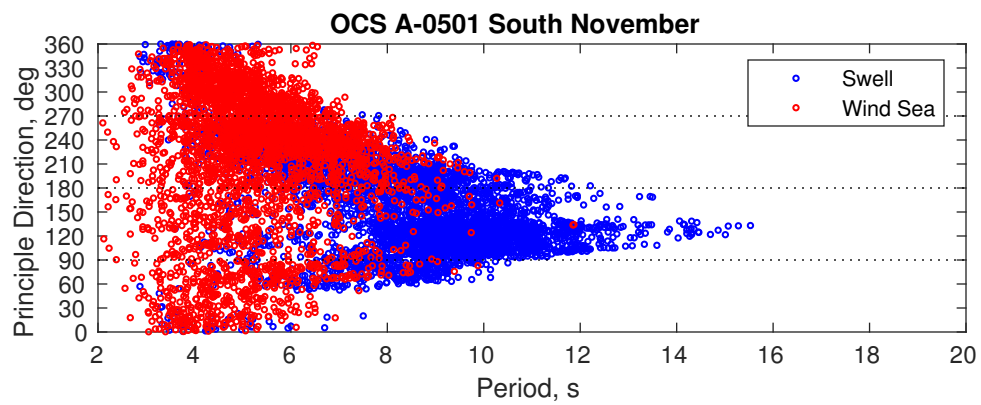
Principle Direction, from: NW

Severe Storms

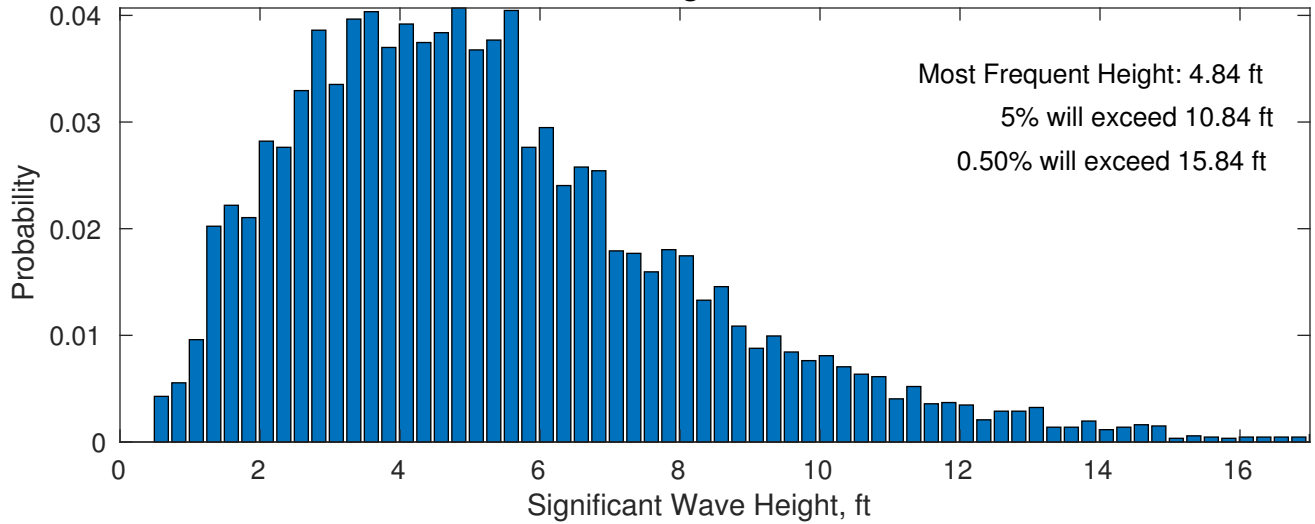
There is a 72 % chance of a storm with winds peaking above 34 kts.

There is a 94 % chance of a storm with waves peaking at 4m (13 ft) or greater.

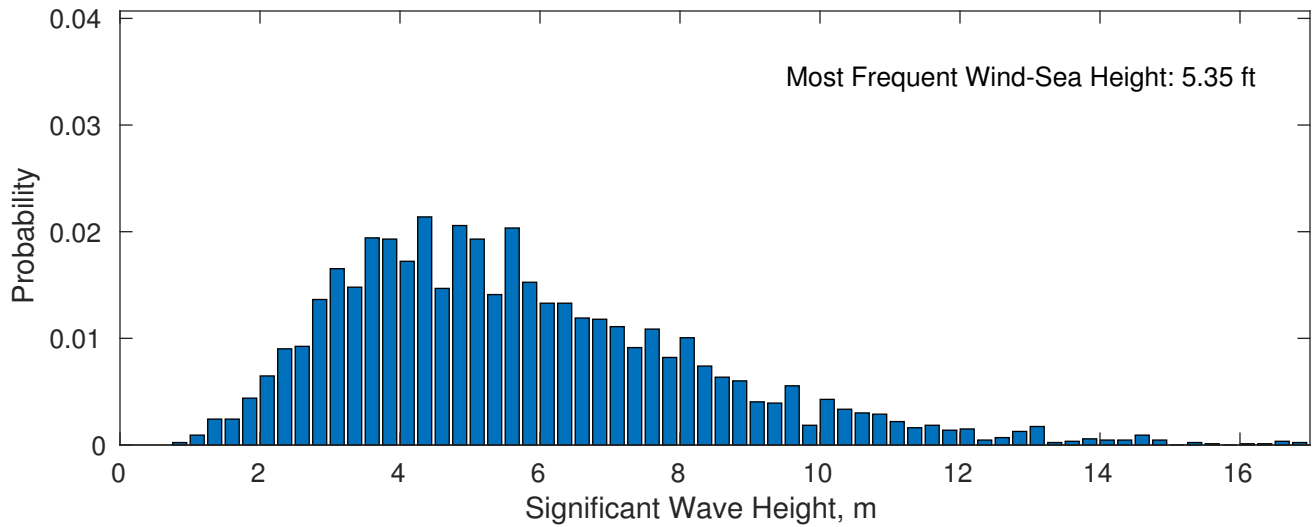




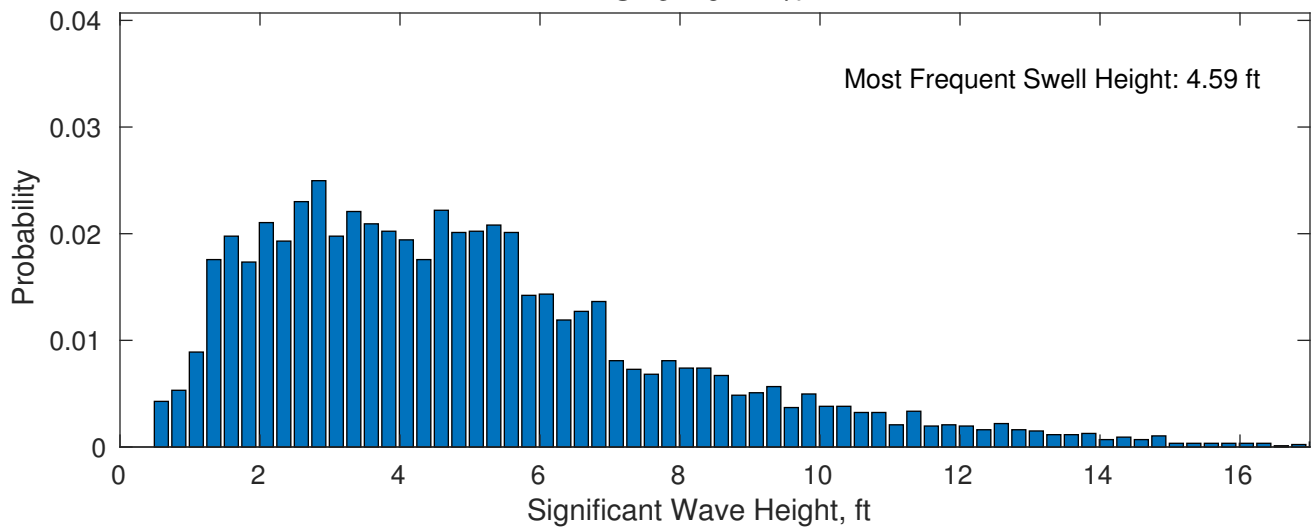
November Wave Height PDF: 1979 - 2015



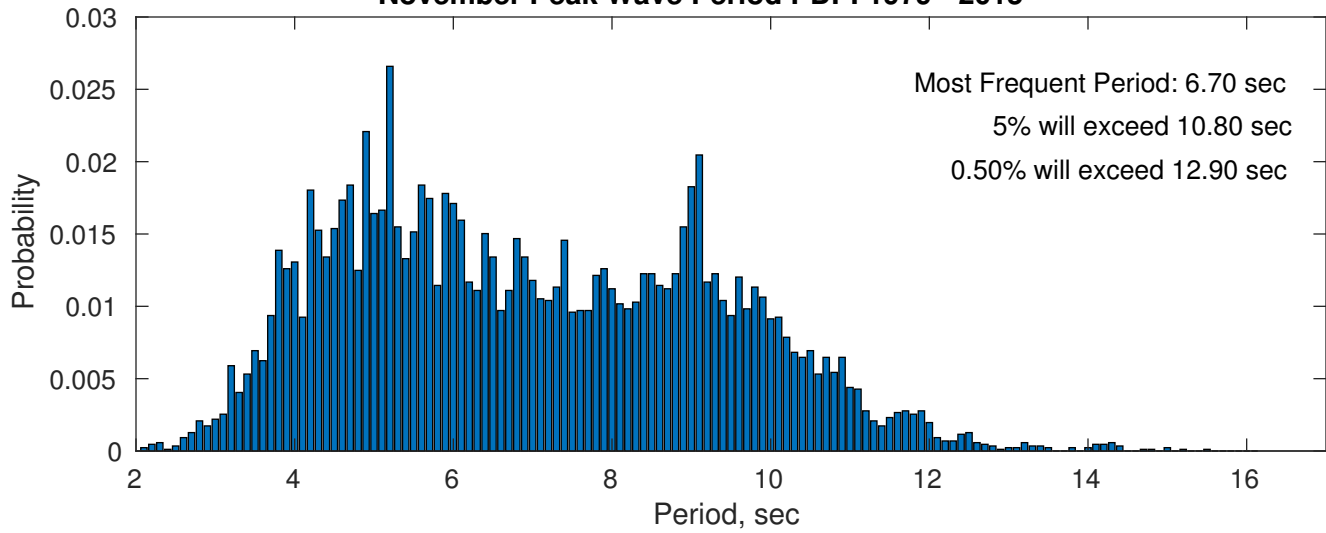
Wind-Sea: 42.86%



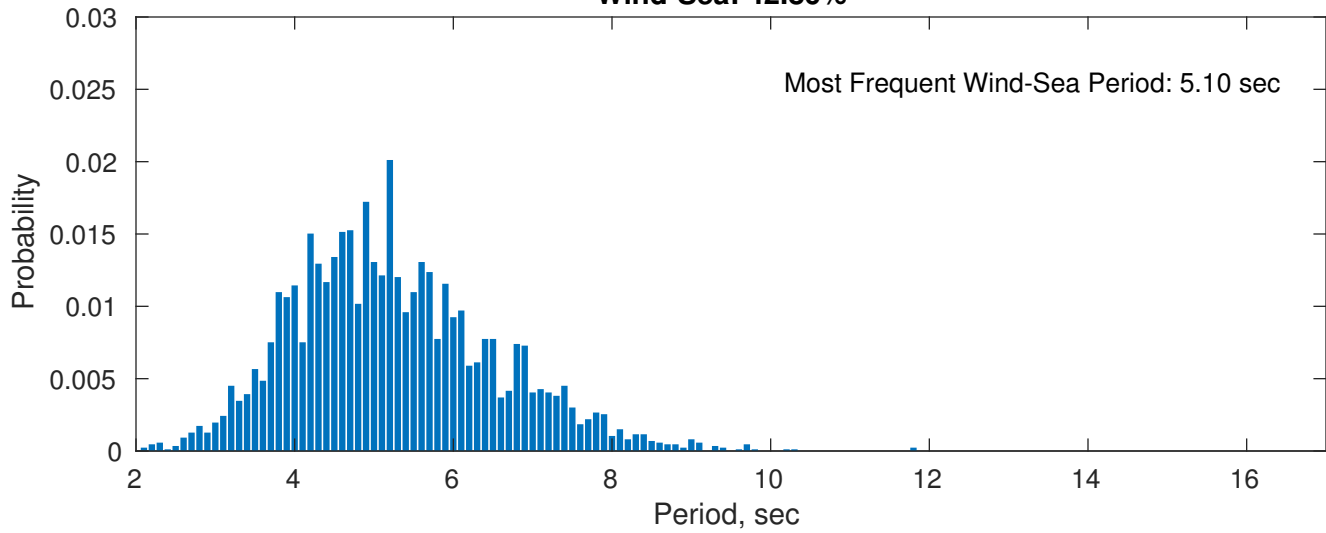
Swell: 57.14%



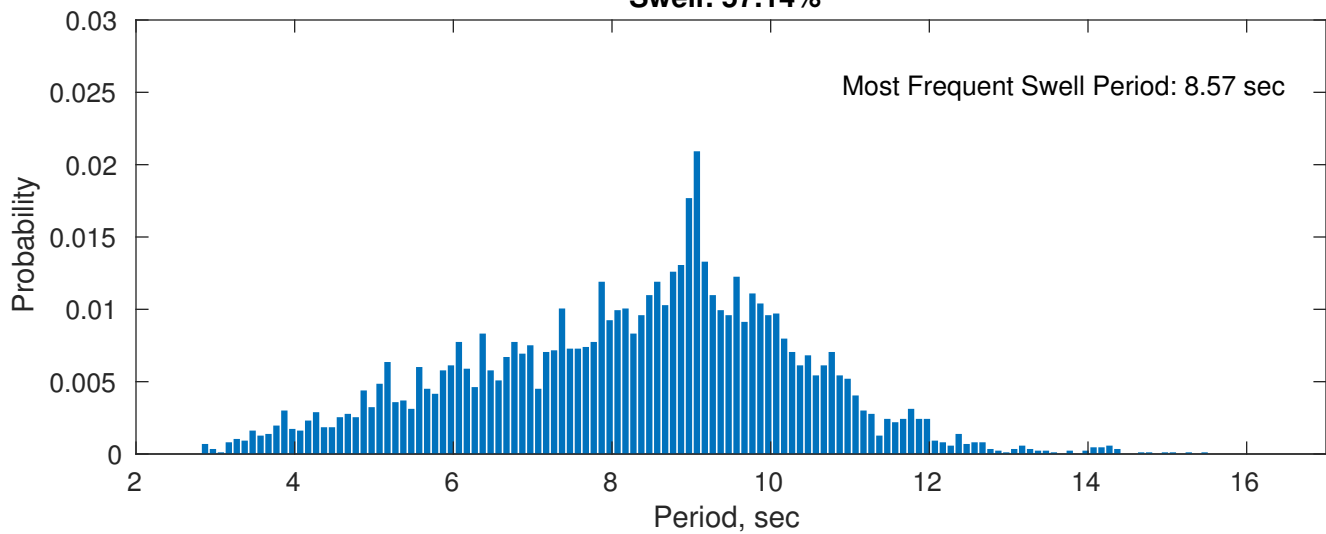
November Peak Wave Period PDF: 1979 - 2015



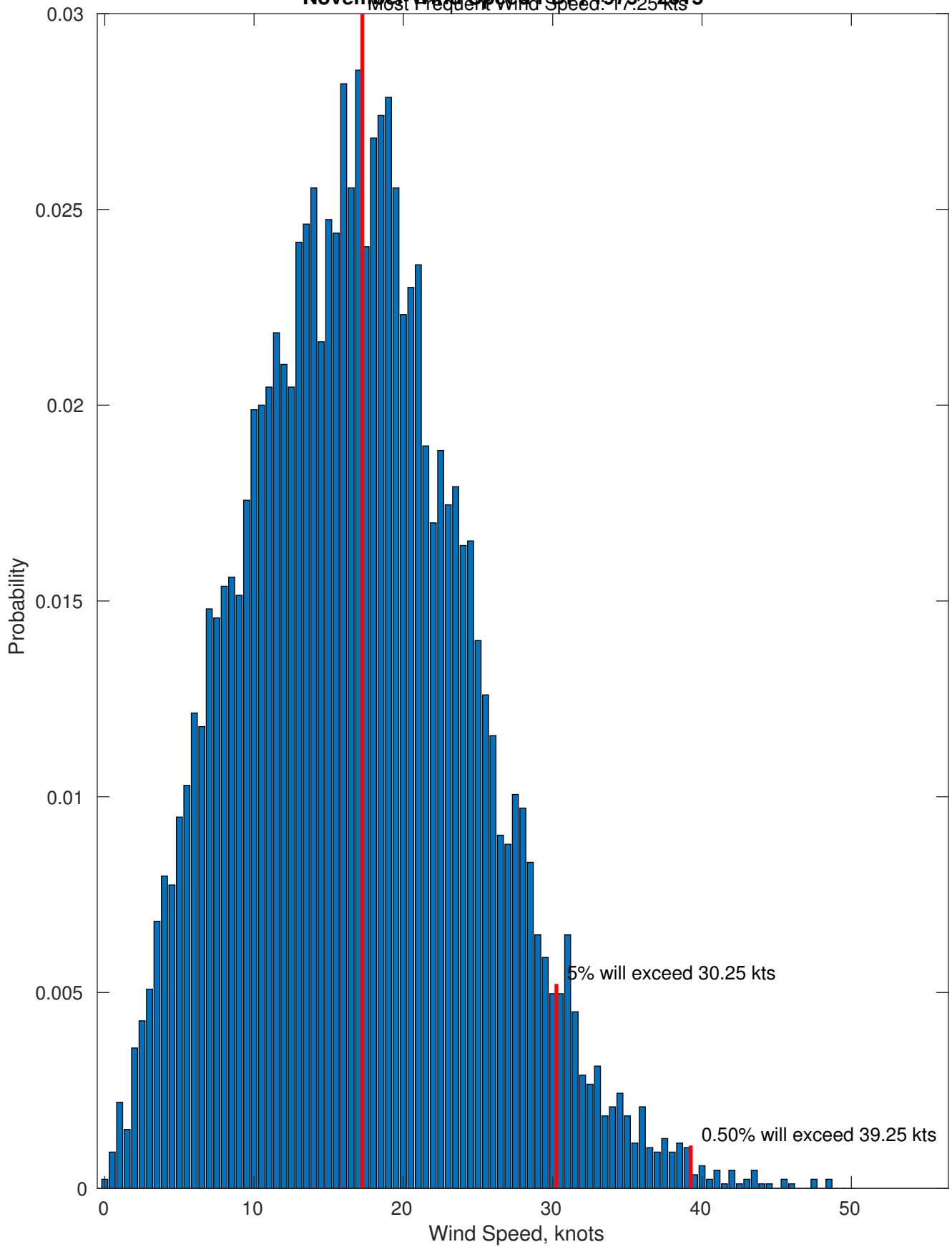
Wind-Sea: 42.86%



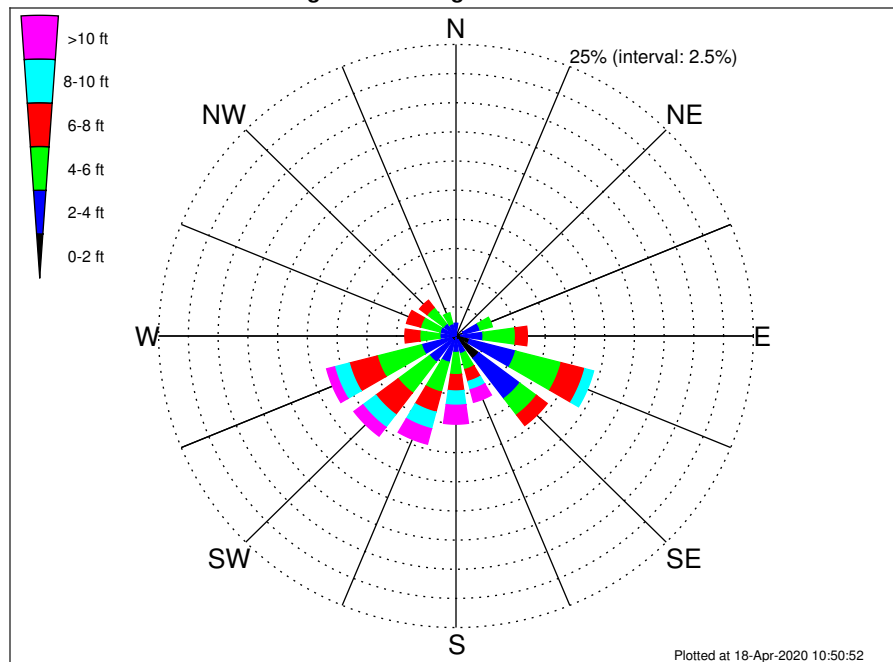
Swell: 57.14%



November Wind Speed PDF: 1979-2015



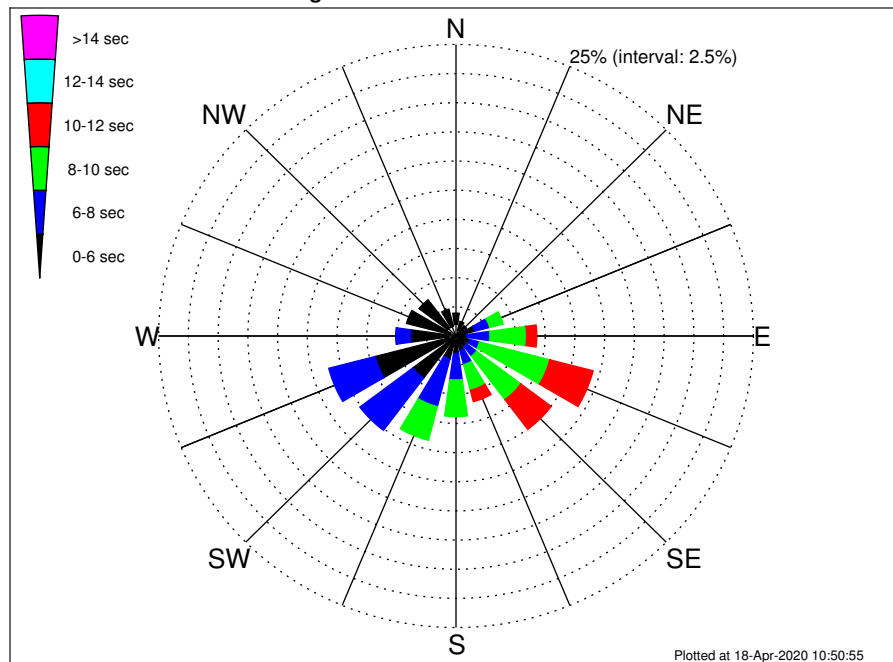
OCS A-0501 South Climatological WaveHeight Rose for November: 1979 - 2015



Joint Frequency Distribution Table

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
calm	•	•	0.07	0.07	•	0.21	0.25	0.02	•	0.08	•	0.01	•	•	•	•	0.72
1 - 2 ft	0.05	0.05	0.12	0.58	0.40	0.97	2.14	0.35	0.17	0.35	0.42	0.39	0.17	0.09	0.16	0.20	6.60
2 - 4 ft	1.05	0.52	0.38	1.45	1.87	4.00	4.32	1.19	1.25	1.91	2.37	2.59	1.19	1.29	1.16	0.90	27.45
4 - 6 ft	0.47	0.34	0.40	1.06	2.73	3.97	1.76	1.41	1.90	2.64	3.31	3.85	1.69	1.70	1.73	0.96	29.91
6 - 8 ft	0.29	0.28	0.17	0.62	0.99	2.05	1.13	1.05	1.40	1.78	2.35	2.43	1.25	1.21	0.79	0.29	18.08
8 - 10 ft	0.09	0.15	0.09	0.17	0.45	0.76	0.60	0.74	1.23	1.47	1.36	1.28	0.55	0.35	0.12	0.05	9.47
10 - 12 ft	0.03	0.03	0.02	0.16	0.27	0.29	0.23	0.49	0.79	0.87	0.62	0.42	0.18	0.06	0.03	0.03	4.53
12 - 14 ft	0.05	0.03	•	•	0.03	0.15	0.08	0.35	0.59	0.30	0.17	0.17	0.05	•	•	0.01	1.99
14 - 16 ft	•	•	•	•	•	0.01	0.09	0.17	0.17	0.12	0.12	0.09	0.01	•	•	•	0.79
16 - 18 ft	•	•	0.01	•	0.07	•	0.08	0.03	0.06	0.06	0.03	•	•	•	•	•	0.35
> 18 ft	•	0.01	•	•	•	•	0.01	0.07	0.01	0.02	•	•	•	•	•	•	0.13
Total	2.03	1.41	1.27	4.12	6.82	12.40	10.71	5.87	7.56	9.58	10.75	11.24	5.10	4.71	3.99	2.44	100.00

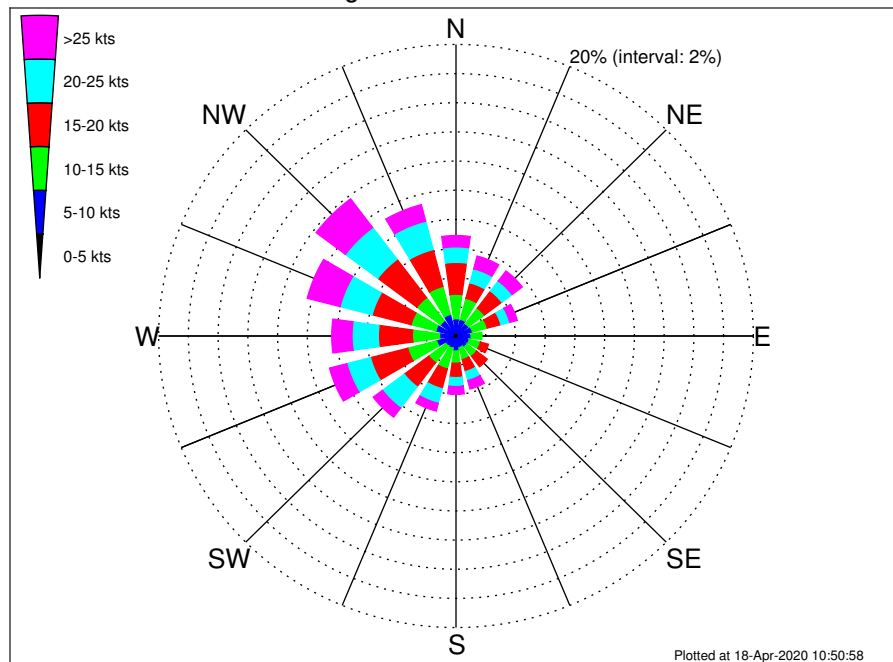
OCS A-0501 South Climatological WavePeriod Rose for November: 1979 - 2015



Joint Frequency Distribution Table

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
calm	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
1 - 2 sec	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
2 - 4 sec	0.99	0.54	0.31	0.24	0.25	0.17	0.31	0.36	0.32	0.34	0.32	0.59	0.67	0.51	0.88	0.86	7.68
4 - 6 sec	0.97	0.75	0.80	1.39	0.64	1.05	0.80	0.94	1.17	1.69	4.22	6.44	3.16	3.79	3.02	1.53	32.34
6 - 8 sec	0.07	0.12	0.16	1.29	1.97	0.82	1.05	1.24	2.28	4.23	5.58	4.02	1.25	0.40	0.09	0.06	24.64
8 - 10 sec	•	•	•	1.17	3.08	6.09	4.67	2.28	3.14	2.98	0.62	0.18	0.02	•	•	•	24.24
10 - 12 sec	•	•	•	0.02	0.87	3.77	3.19	1.01	0.60	0.35	•	•	•	•	•	•	9.80
12 - 14 sec	•	•	•	•	0.02	0.43	0.47	0.06	0.05	•	•	•	•	•	•	•	1.03
14 - 16 sec	•	•	•	•	•	0.07	0.21	•	•	•	•	•	•	•	•	•	0.28
18 - 20 sec	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
22 - 24 sec	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	2.03	1.41	1.27	4.12	6.82	12.40	10.71	5.87	7.56	9.58	10.75	11.24	5.10	4.71	3.99	2.44	100.00

OCS A-0501 South Climatological Wind Rose for November: 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	•	•	0.01	0.01	•	0.01	0.01	•	0.02	•	•	0.12
0 - 5 kts	0.22	0.24	0.18	0.35	0.20	0.30	0.16	0.24	0.23	0.18	0.20	0.35	0.27	0.22	0.30	0.28	3.92
5 - 10 kts	0.95	0.94	0.88	0.79	0.81	0.62	0.76	0.57	0.79	0.68	0.65	0.98	0.84	1.17	1.01	1.25	13.68
10 - 15 kts	1.68	1.49	1.33	1.03	0.73	0.77	0.81	0.86	0.84	1.47	1.43	2.01	1.83	1.71	1.99	1.99	21.97
15 - 20 kts	2.18	1.10	1.47	0.95	0.37	0.55	0.90	0.84	0.98	1.40	2.07	2.59	2.29	2.71	3.29	2.61	26.31
20 - 25 kts	1.06	0.99	0.87	0.61	0.36	0.35	0.45	0.64	0.61	1.04	1.84	1.64	1.77	2.23	2.73	2.01	19.20
25 - 30 kts	0.49	0.46	0.51	0.31	0.07	0.22	0.25	0.37	0.35	0.40	0.59	0.81	0.86	1.25	1.79	0.91	9.64
30 - 35 kts	0.17	0.28	0.22	0.17	0.03	0.07	0.09	0.16	0.14	0.12	0.16	0.30	0.34	0.61	0.55	0.17	3.60
35 - 40 kts	0.06	0.08	0.09	0.03	0.05	0.02	•	0.05	0.05	0.02	0.02	0.09	0.12	0.34	0.09	0.07	1.18
40 - 45 kts	0.02	0.03	0.01	•	0.01	0.01	•	0.02	•	•	•	•	0.06	0.08	0.02	0.01	0.29
45 - 50 kts	0.03	0.05	0.02	•	•	•	•	•	•	•	•	•	•	•	•	•	0.10
Total	6.89	5.66	5.58	4.25	2.64	2.92	3.43	3.76	4.00	5.32	6.97	8.79	8.36	10.34	11.78	9.31	100.00