

OCS A-0501 South - June

Weather Days

Wave Height > 5.0 ft Mean: 6.9 days Range: 3.8 - 10.1 days p50: 7 days p90: 14 days

Wave Height > 6.0 ft Mean: 3.6 days Range: 1.1 - 6.0 days p50: 4 days p90: 10 days

Wave Height > 7.0 ft Mean: 1.9 days Range: 0.3 - 3.5 days p50: 2 days p90: 6 days

Working Window Probability

Wave Height < 5.0 ft 3 days or longer: 55%

5 days or longer: 21%

7 days or longer: 12%

Wave Height < 6.0 ft 3 days or longer: 69%

5 days or longer: 40%

7 days or longer: 26%

Wave Height < 7.0 ft 3 days or longer: 72%

5 days or longer: 47%

7 days or longer: 39%

Waves

Mean Height: 2 - 4 ft

The wave heights will occasionally reach 8 - 10 ft, but rarely higher.

Mean Period: 6 - 8 sec

The wave periods will occasionally reach 14 - 16 sec, but rarely longer.

Principle Direction, from: SSW

WindSea/Swell: 24% / 76%

Winds

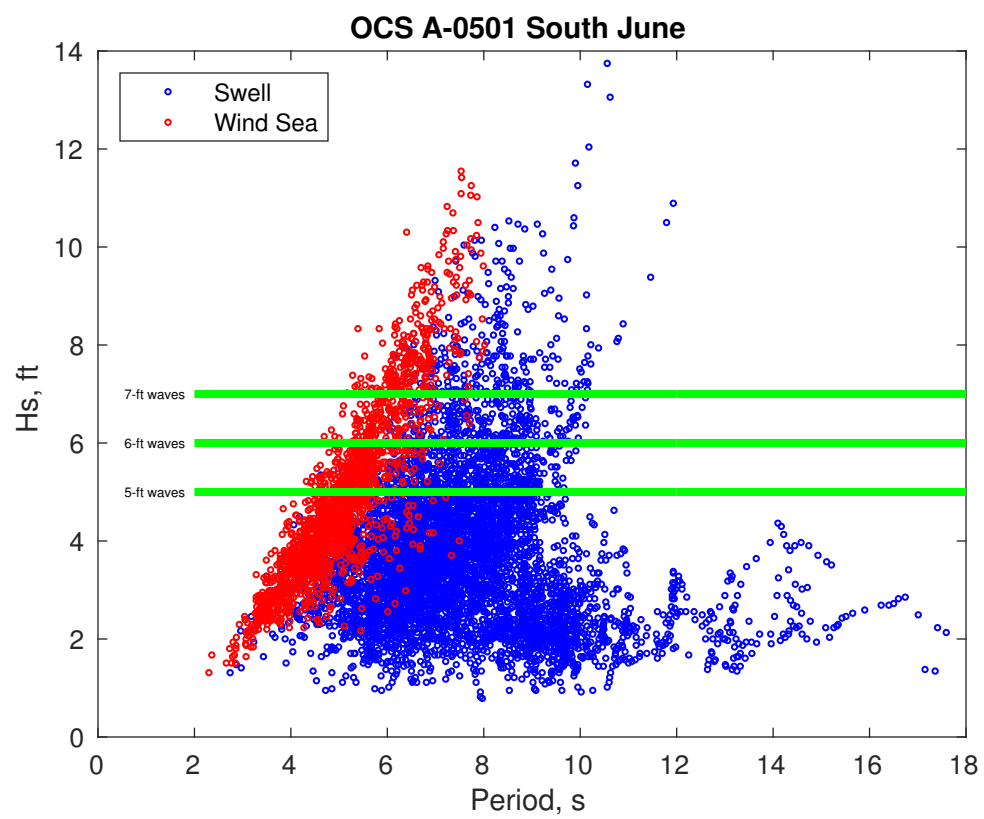
Mean Speed: 10 - 15 kts

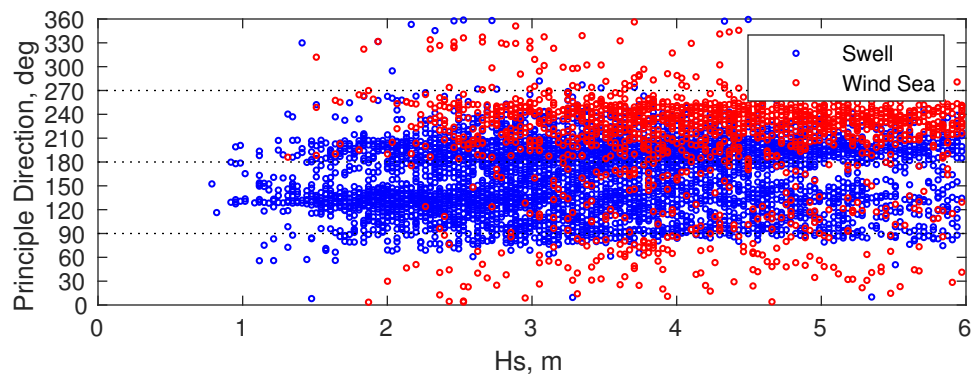
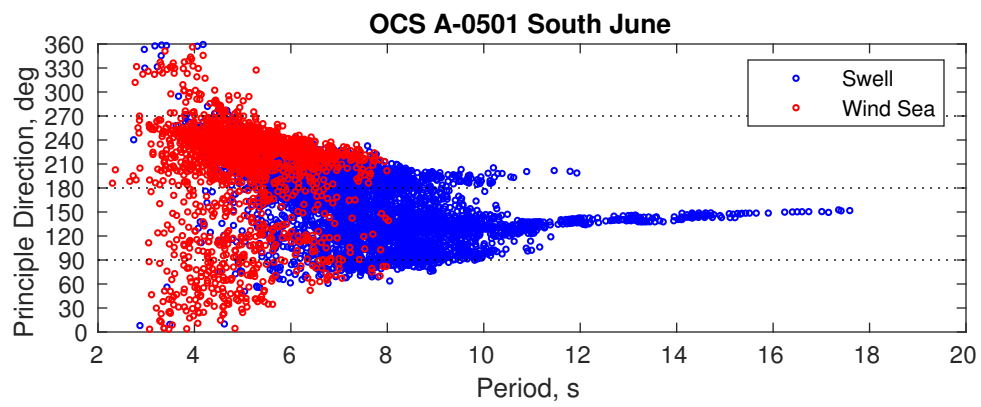
The winds will occasionally reach 25 - 30 kts, but rarely greater.

Principle Direction, from: SW

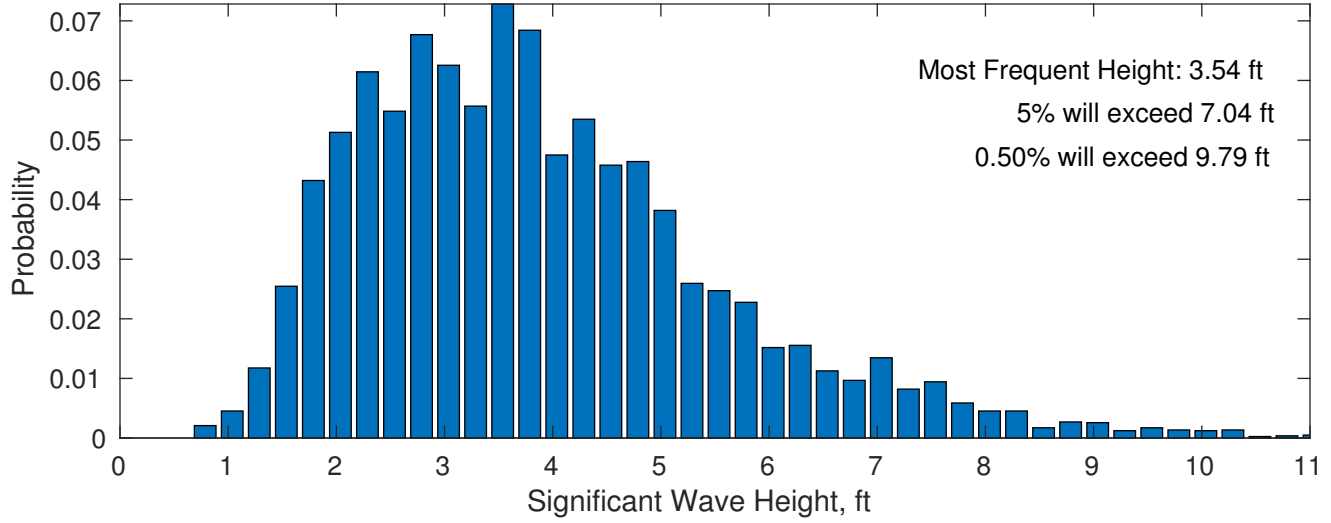
Severe Storms

Severe storms with gale force winds and extreme waves are not expected.

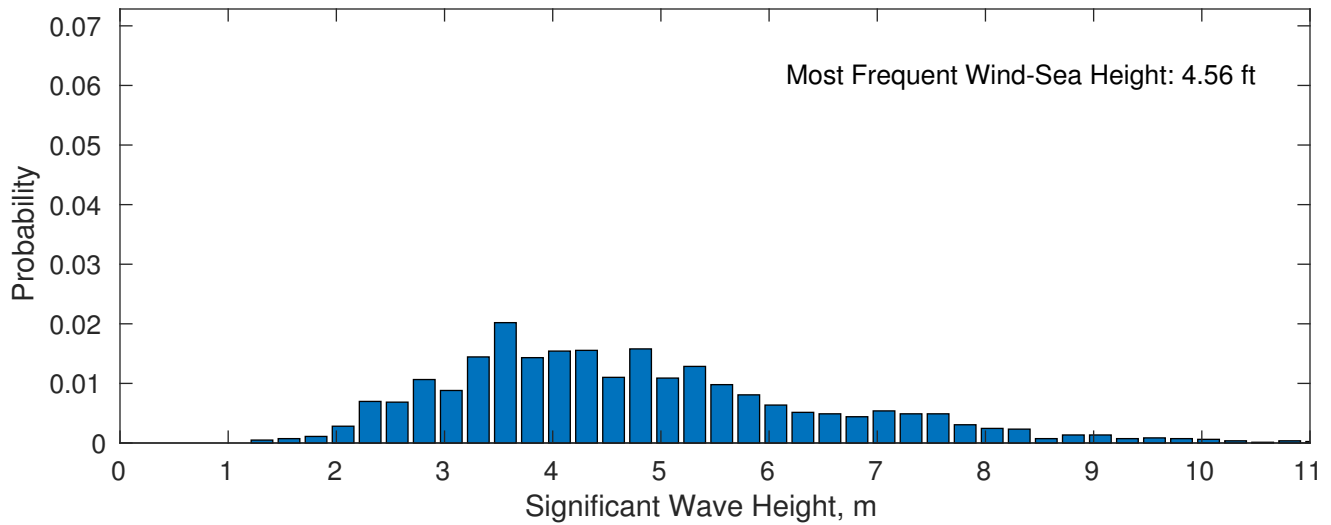




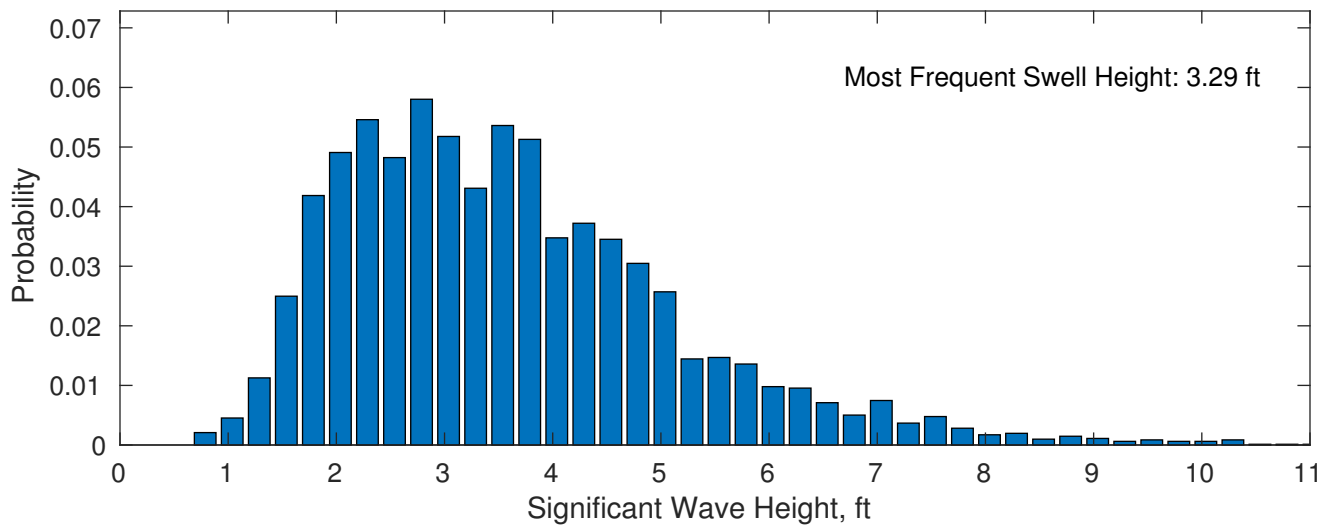
June Wave Height PDF: 1979 - 2015



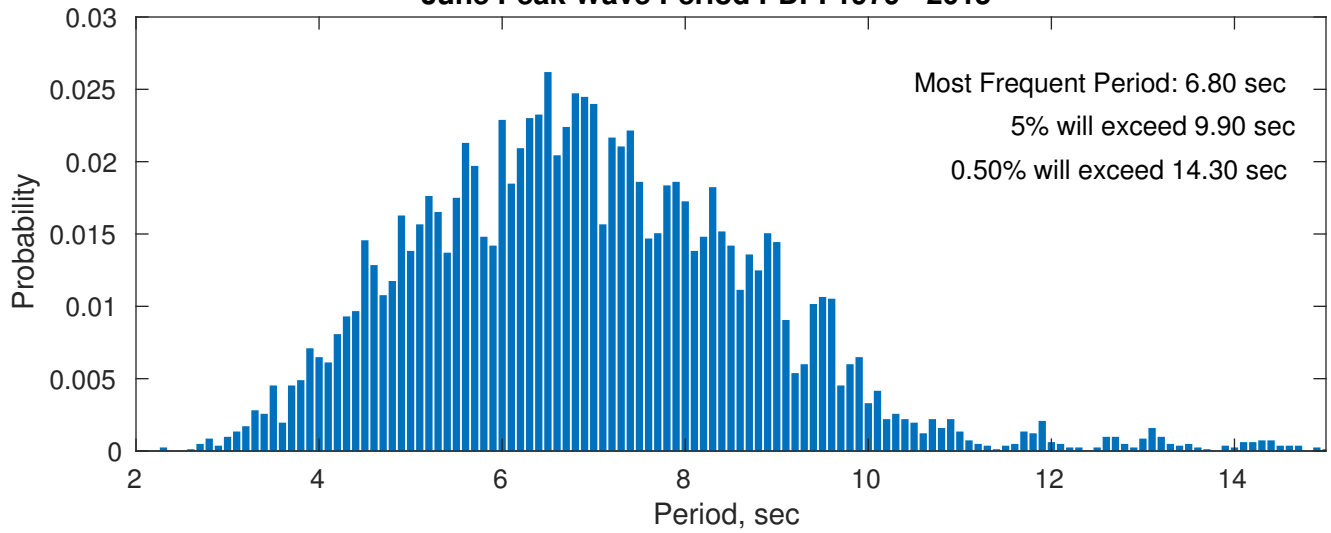
Wind-Sea: 23.83%



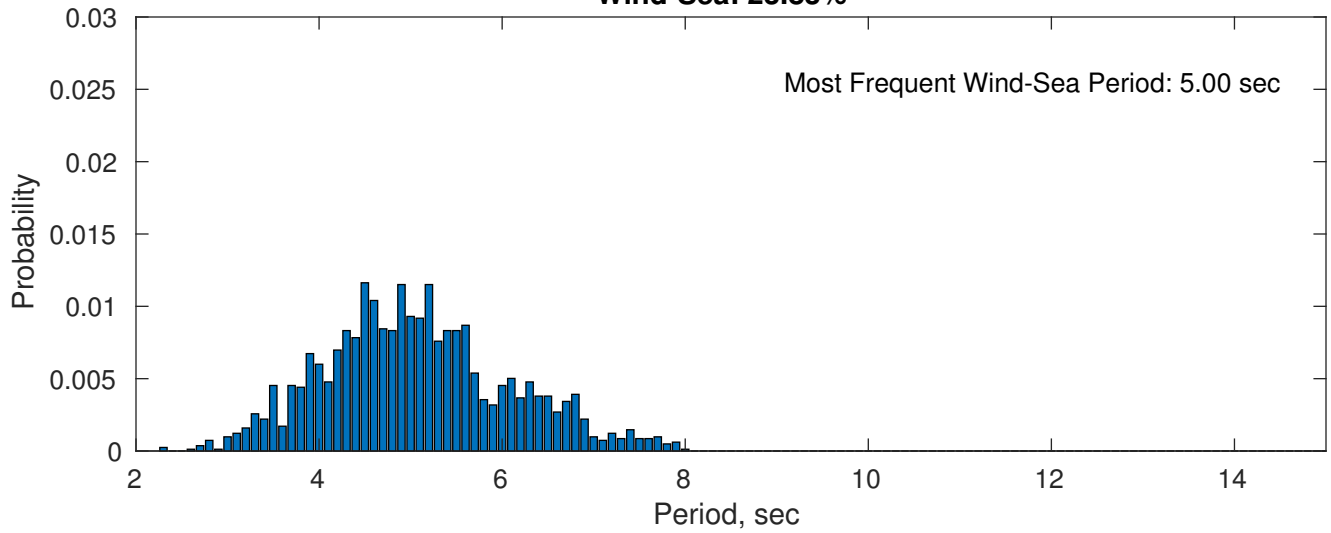
Swell: 76.17%



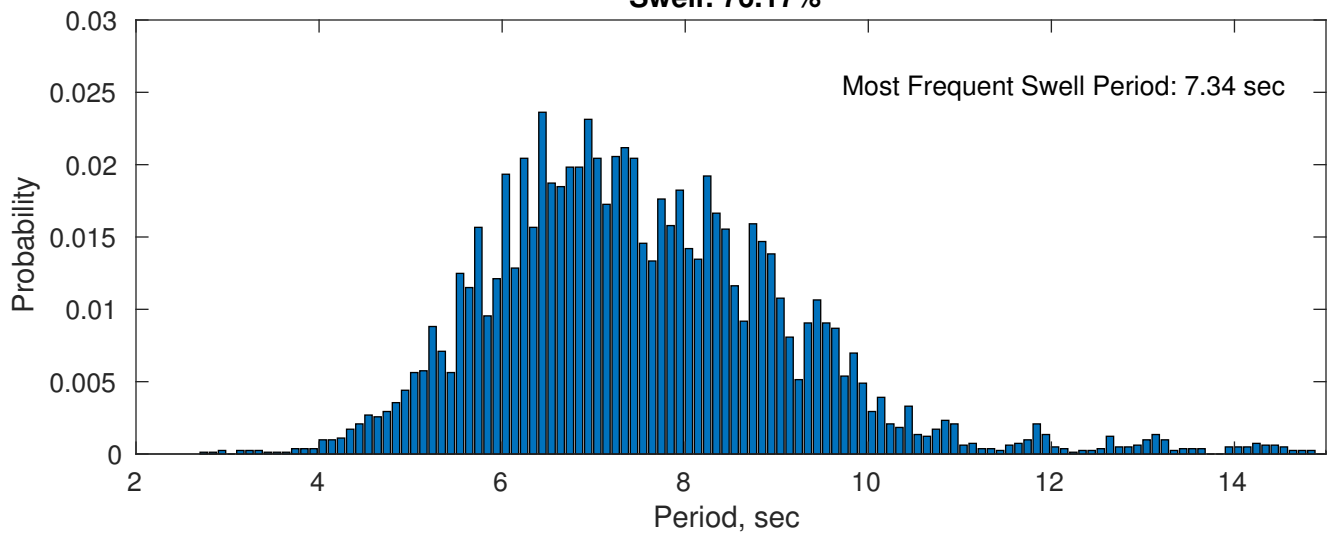
June Peak Wave Period PDF: 1979 - 2015



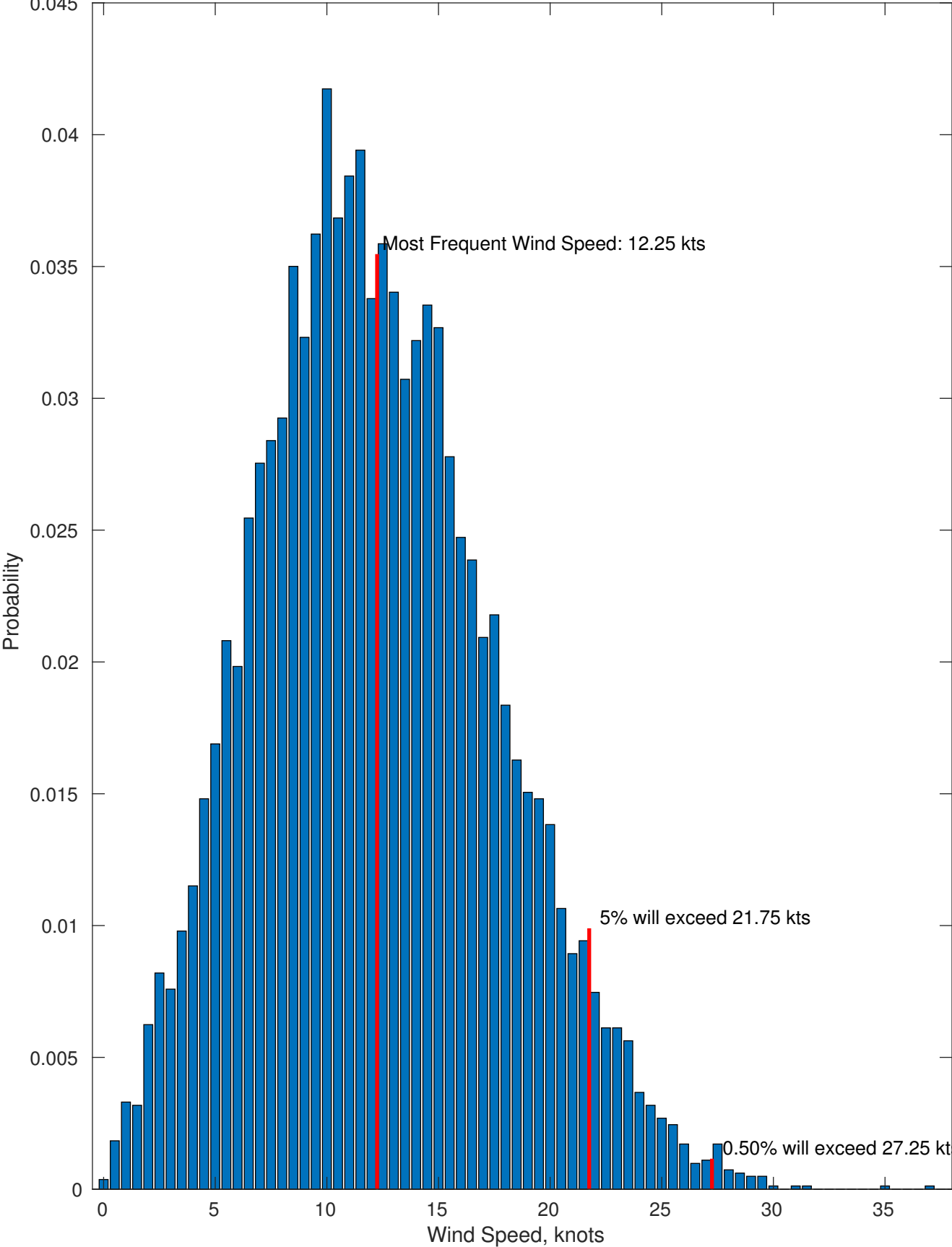
Wind-Sea: 23.83%



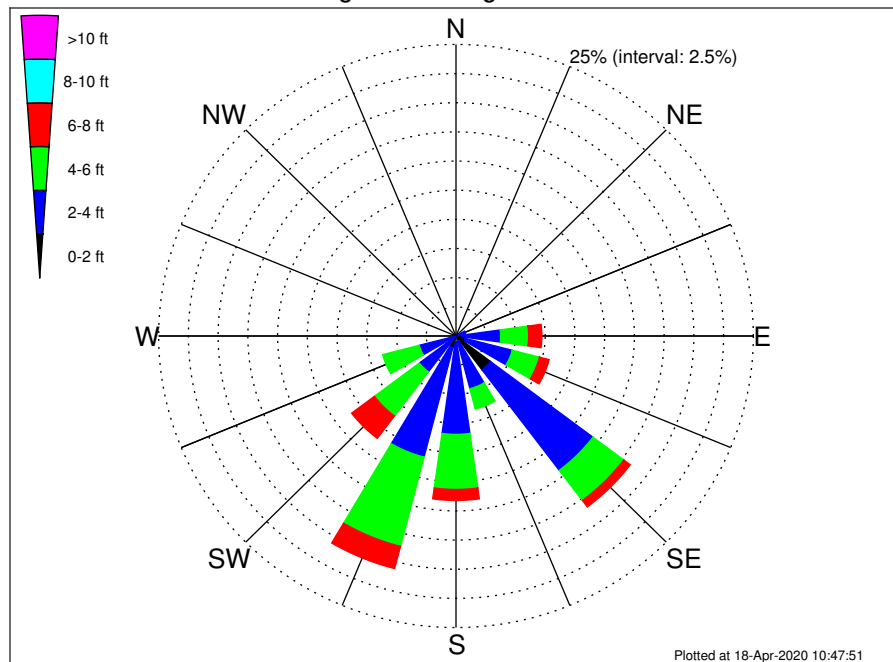
Swell: 76.17%



June Wind Speed PDF: 1979 - 2015



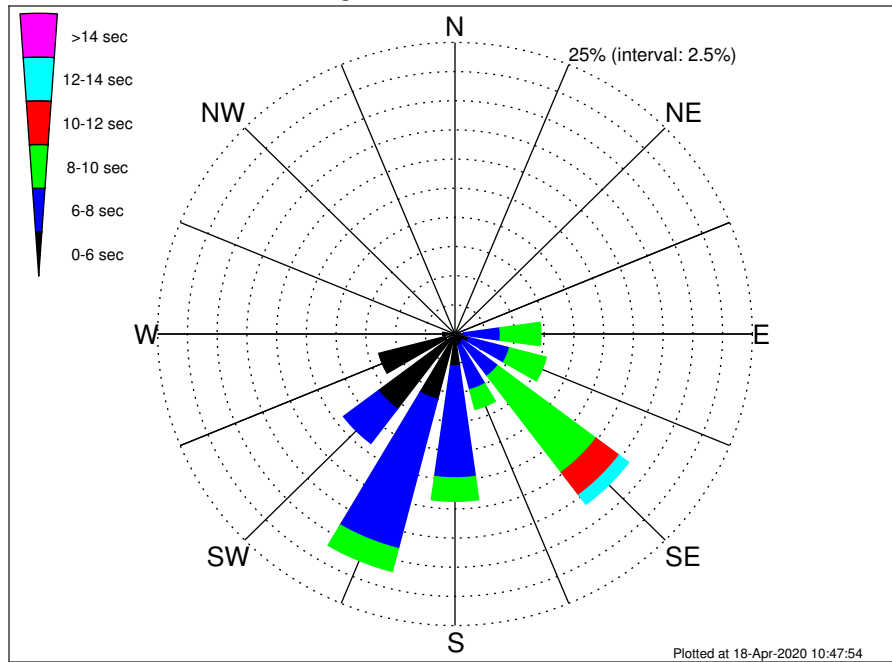
OCS A-0501 South Climatological WaveHeight Rose for June: 1979 - 2015



Joint Frequency Distribution Table

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
calm	•	•	•	•	•	0.01	0.09	0.01	0.04	0.02	•	•	•	•	•	•	0.17
1 - 2 ft	0.02	•	0.04	0.07	0.44	0.77	3.54	0.48	0.49	1.00	0.06	0.11	0.06	•	0.02	0.04	7.15
2 - 4 ft	0.15	0.16	0.24	0.76	3.32	4.10	10.80	4.17	7.91	9.69	3.79	3.08	0.60	0.23	0.09	0.17	49.27
4 - 6 ft	0.05	0.13	0.28	0.20	2.35	2.36	3.24	1.80	4.72	7.91	4.74	3.17	0.37	0.12	0.01	0.05	31.51
6 - 8 ft	0.01	0.02	0.12	0.20	1.11	0.84	0.69	0.44	0.94	1.97	2.40	0.58	0.01	•	•	0.01	9.35
8 - 10 ft	•	•	0.01	0.05	0.15	0.17	0.23	0.18	0.18	0.50	0.59	0.04	•	•	•	•	2.11
10 - 12 ft	•	•	0.01	•	•	0.05	0.02	0.02	0.10	0.04	0.16	•	•	•	•	•	0.40
12 - 14 ft	•	•	•	•	•	•	•	•	0.02	0.02	•	•	•	•	•	•	0.05
14 - 16 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
16 - 18 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
> 18 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	0.23	0.32	0.71	1.27	7.37	8.31	18.60	7.11	14.41	21.16	11.74	6.98	1.04	0.35	0.12	0.27	100.00

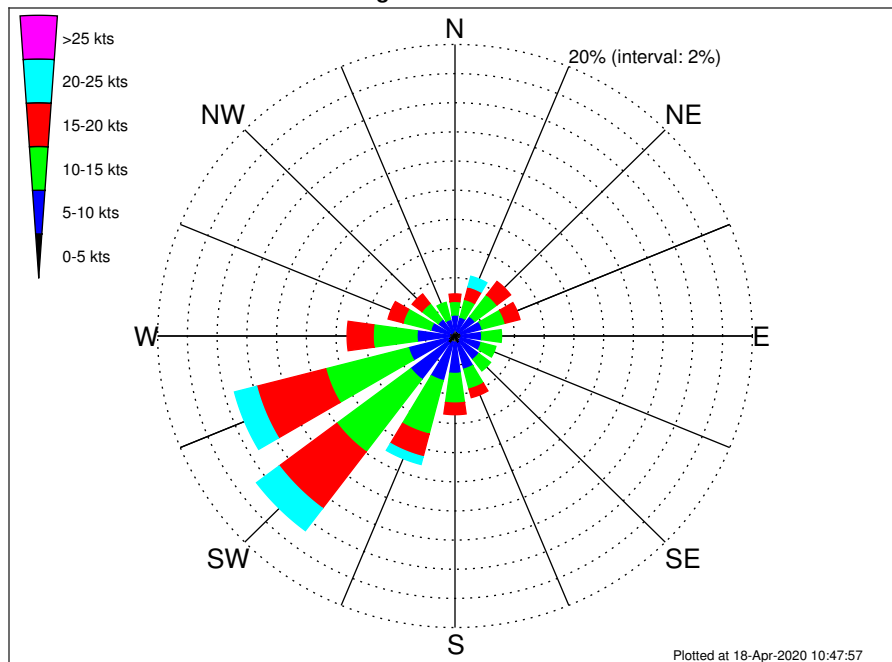
OCS A-0501 South Climatological WavePeriod Rose for June: 1979 - 2015



Joint Frequency Distribution Table

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
calm	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
1 - 2 sec	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
2 - 4 sec	0.17	0.16	0.16	0.06	0.11	0.15	0.07	0.05	0.23	0.35	0.45	0.84	0.28	0.10	0.10	0.23	3.53
4 - 6 sec	0.06	0.16	0.54	0.61	0.61	1.04	0.75	0.97	2.48	5.43	7.61	5.78	0.76	0.26	0.02	0.04	27.12
6 - 8 sec	•	•	0.01	0.54	3.10	3.55	3.68	3.92	9.62	13.22	3.67	0.35	•	•	•	•	41.66
8 - 10 sec	•	•	•	0.06	3.40	3.19	10.35	1.75	2.01	2.02	•	•	•	•	•	•	22.79
10 - 12 sec	•	•	•	•	0.15	0.38	2.42	0.06	0.06	0.13	•	•	•	•	•	•	3.21
12 - 14 sec	•	•	•	•	•	•	1.00	•	•	•	•	•	•	•	•	•	1.00
14 - 16 sec	•	•	•	•	•	•	0.32	0.24	•	•	•	•	•	•	•	•	0.56
18 - 20 sec	•	•	•	•	•	•	•	0.12	•	•	•	•	•	•	•	•	0.12
22 - 24 sec	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	0.23	0.32	0.71	1.27	7.37	8.31	18.60	7.11	14.41	21.16	11.74	6.98	1.04	0.35	0.12	0.27	100.00

OCS A-0501 South 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	0.05	0.01	0.01	0.01	0.01	•	•	•	0.02	0.01	0.01	0.02	•	0.01	0.02	0.01	0.22
0 - 5 kts	0.38	0.35	0.33	0.40	0.42	0.39	0.40	0.55	0.42	0.43	0.60	0.47	0.37	0.40	0.26	0.29	6.46
5 - 10 kts	1.02	0.98	1.33	1.47	1.37	1.43	1.60	1.80	2.13	2.72	3.11	2.74	2.19	1.27	1.14	0.87	27.17
10 - 15 kts	0.93	1.25	1.86	1.60	1.33	1.02	0.99	1.41	2.03	3.79	6.23	5.75	2.95	1.92	1.37	1.21	35.65
15 - 20 kts	0.51	0.89	1.15	1.03	0.44	0.45	0.44	0.61	0.80	1.60	4.86	4.80	1.75	1.04	0.82	0.43	21.63
20 - 25 kts	0.10	0.75	0.40	0.31	0.20	0.20	0.21	0.24	0.22	0.55	1.91	1.54	0.31	0.23	0.21	0.13	7.50
25 - 30 kts	0.11	0.22	0.17	0.05	0.09	0.06	0.04	0.06	0.05	0.06	0.17	0.09	0.02	0.02	0.04	0.05	1.30
30 - 35 kts	•	0.01	0.01	•	•	•	•	•	•	•	•	0.01	•	•	•	•	0.04
35 - 40 kts	•	•	0.02	•	•	•	•	•	•	•	•	•	•	•	•	•	0.02
40 - 45 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
45 - 50 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	3.10	4.47	5.30	4.87	3.86	3.55	3.68	4.68	5.67	9.17	16.89	15.42	7.59	4.91	3.86	3.00	100.00