

OCS A-0501 South - July

Weather Days

Wave Height > 5.0 ft Mean: 5.9 days Range: 3.0 - 8.9 days p50: 6 days p90: 12 days

Wave Height > 6.0 ft Mean: 2.9 days Range: 0.9 - 5.0 days p50: 3 days p90: 7 days

Wave Height > 7.0 ft Mean: 1.3 days Range: 0.1 - 2.6 days p50: 2 days p90: 5 days

Working Window Probability

Wave Height < 5.0 ft 3 days or longer: 62%

5 days or longer: 25%

7 days or longer: 14%

Wave Height < 6.0 ft 3 days or longer: 71%

5 days or longer: 41%

7 days or longer: 30%

Wave Height < 7.0 ft 3 days or longer: 83%

5 days or longer: 61%

7 days or longer: 53%

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 12 - 14 sec, but rarely longer.

Principle Direction, from: SSW

WindSea/Swell: 20% / 80%

Winds

Mean Speed: 10 - 15 kts

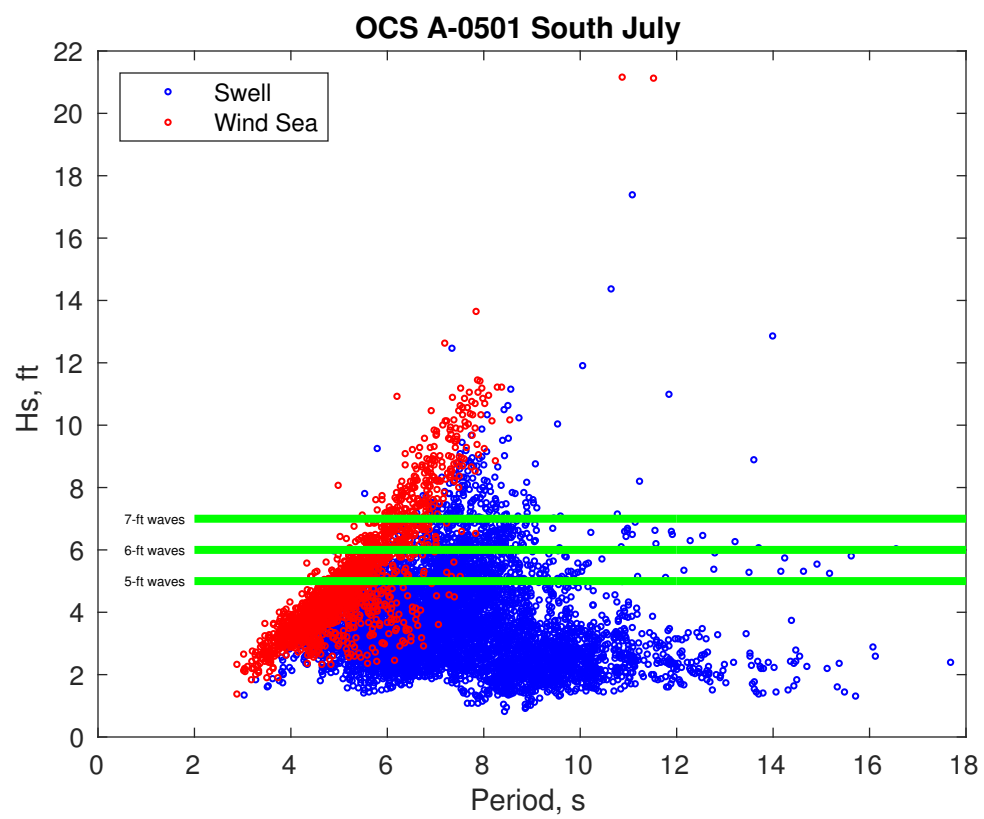
The winds will occasionally reach 25 - 30 kts, but rarely greater.

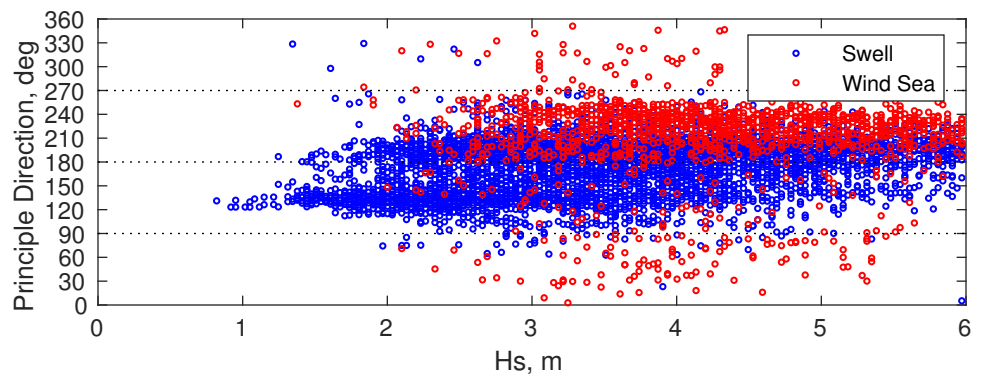
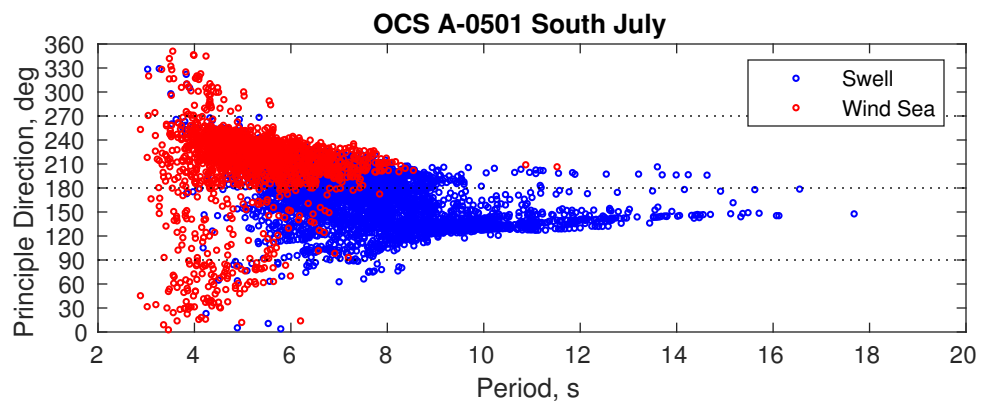
Principle Direction, from: SW

Severe Storms

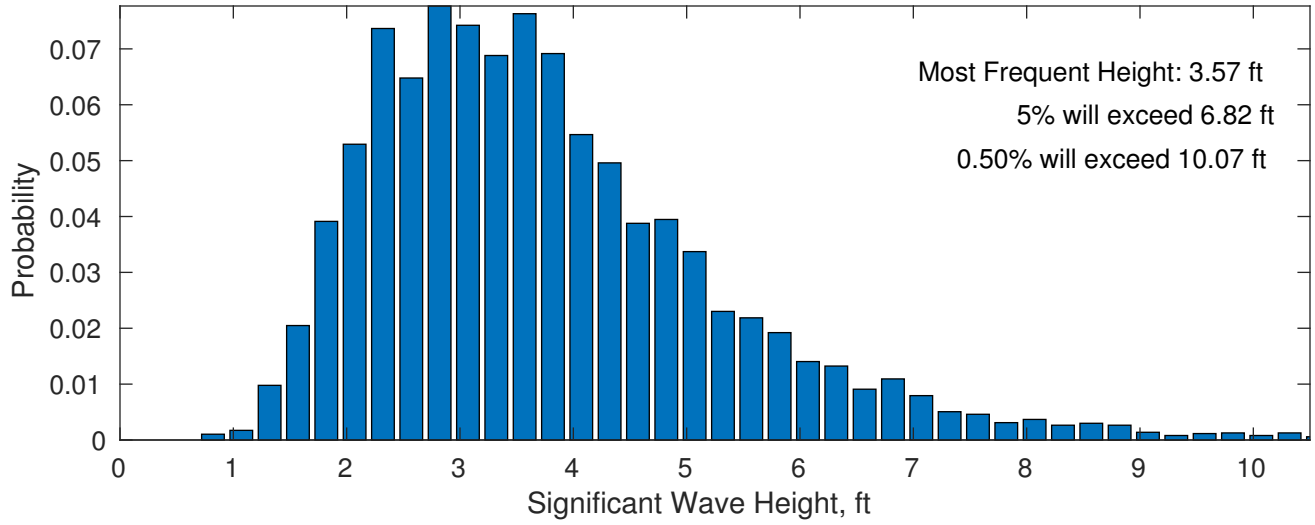
There is a 6 % chance of a storm with winds peaking above 34 kts.

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

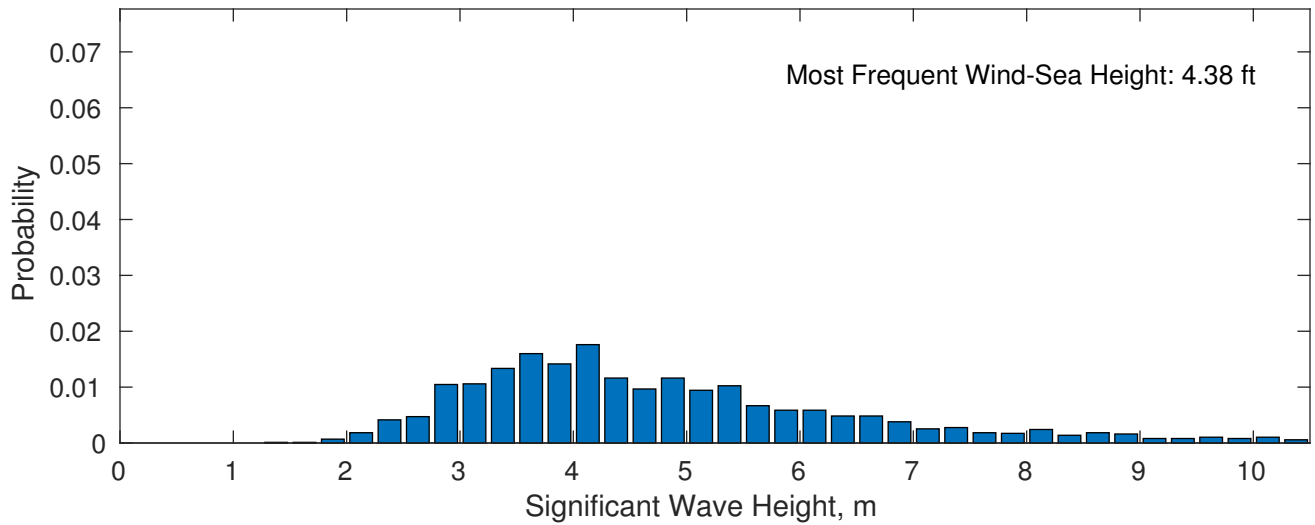




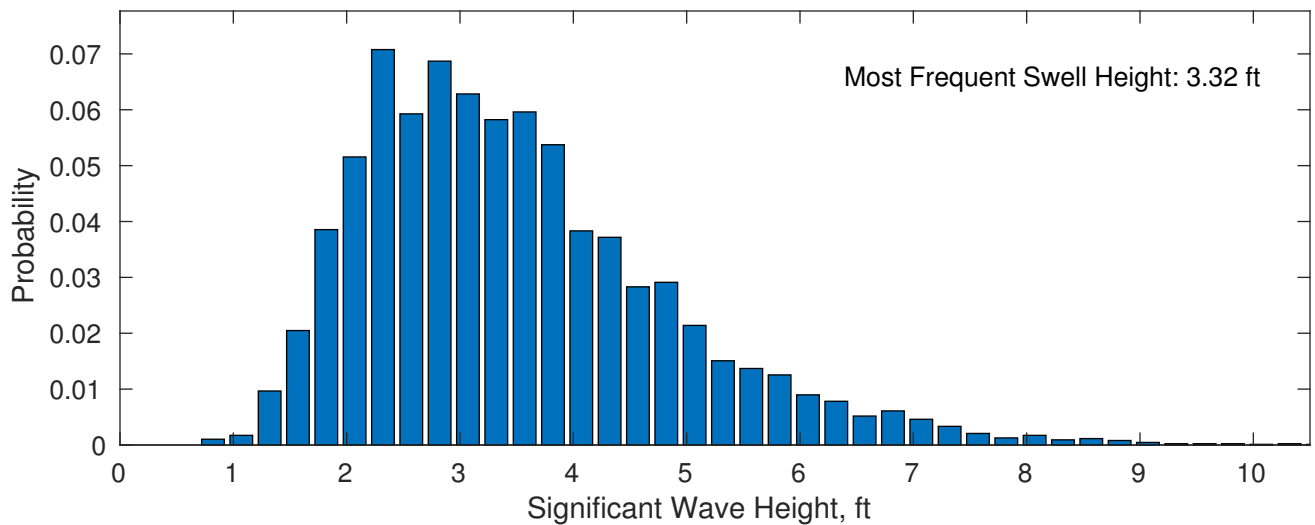
July Wave Height PDF: 1979 - 2015



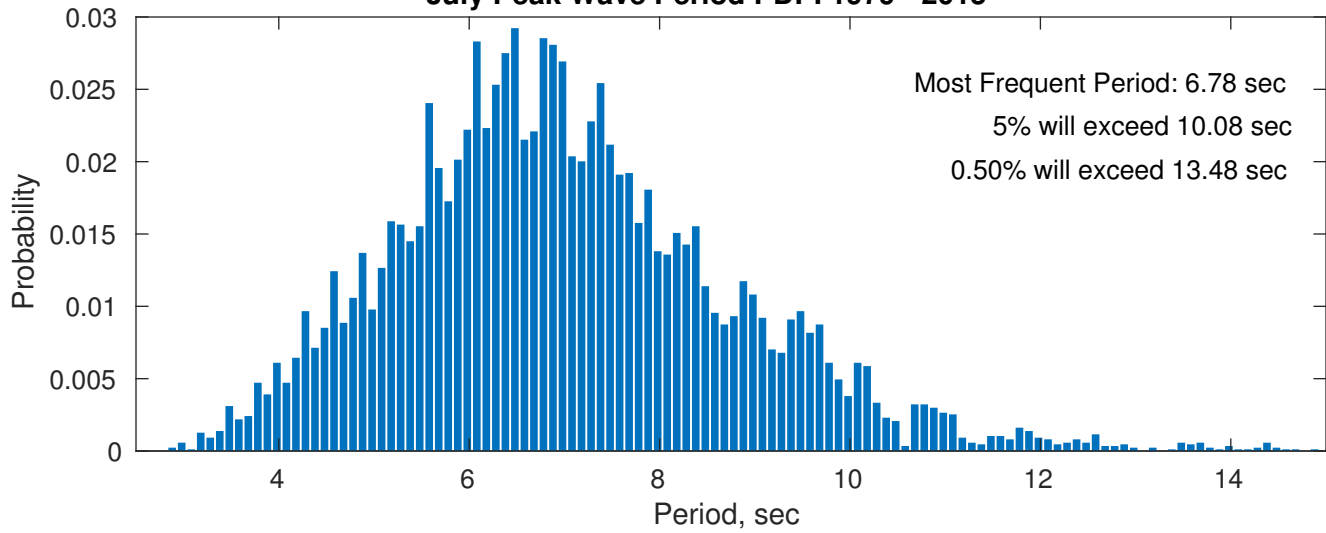
Wind-Sea: 20.18%



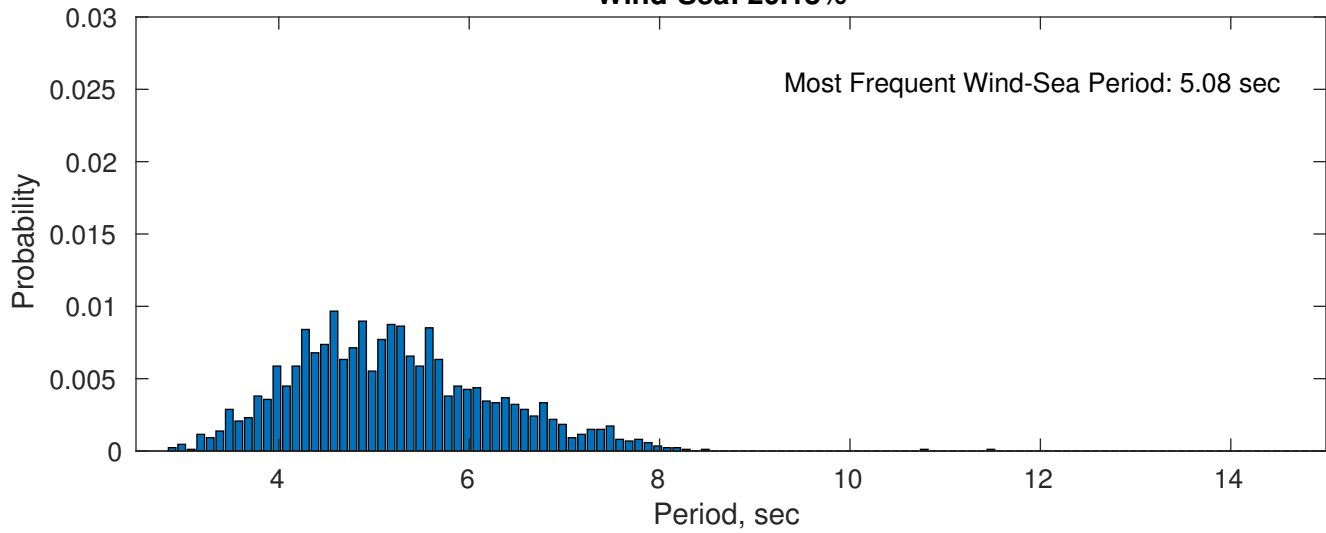
Swell: 79.82%



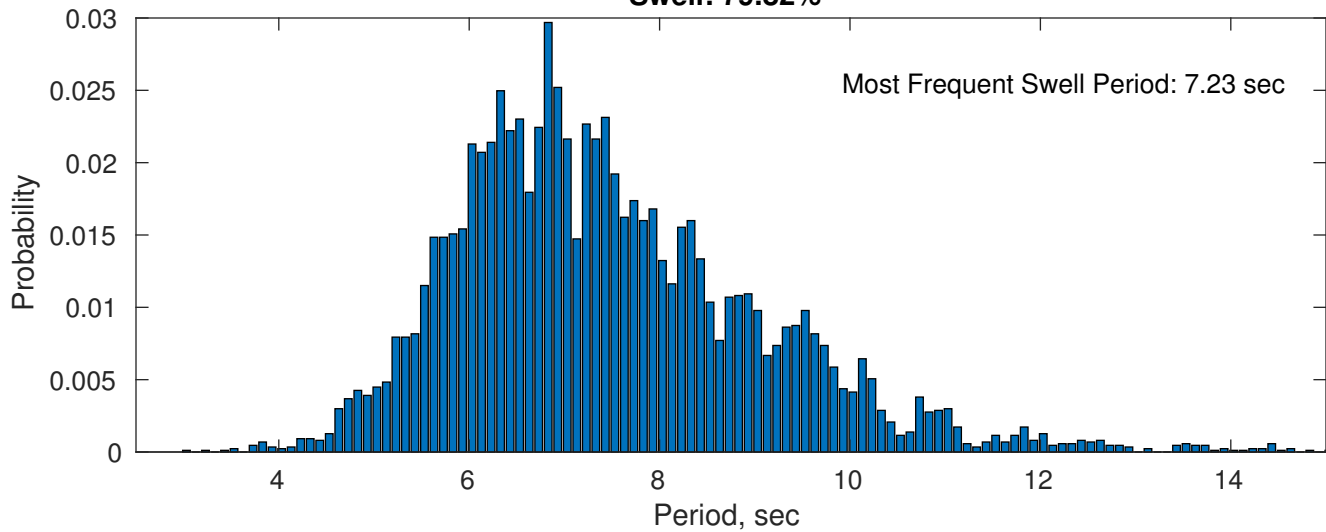
July Peak Wave Period PDF: 1979 - 2015



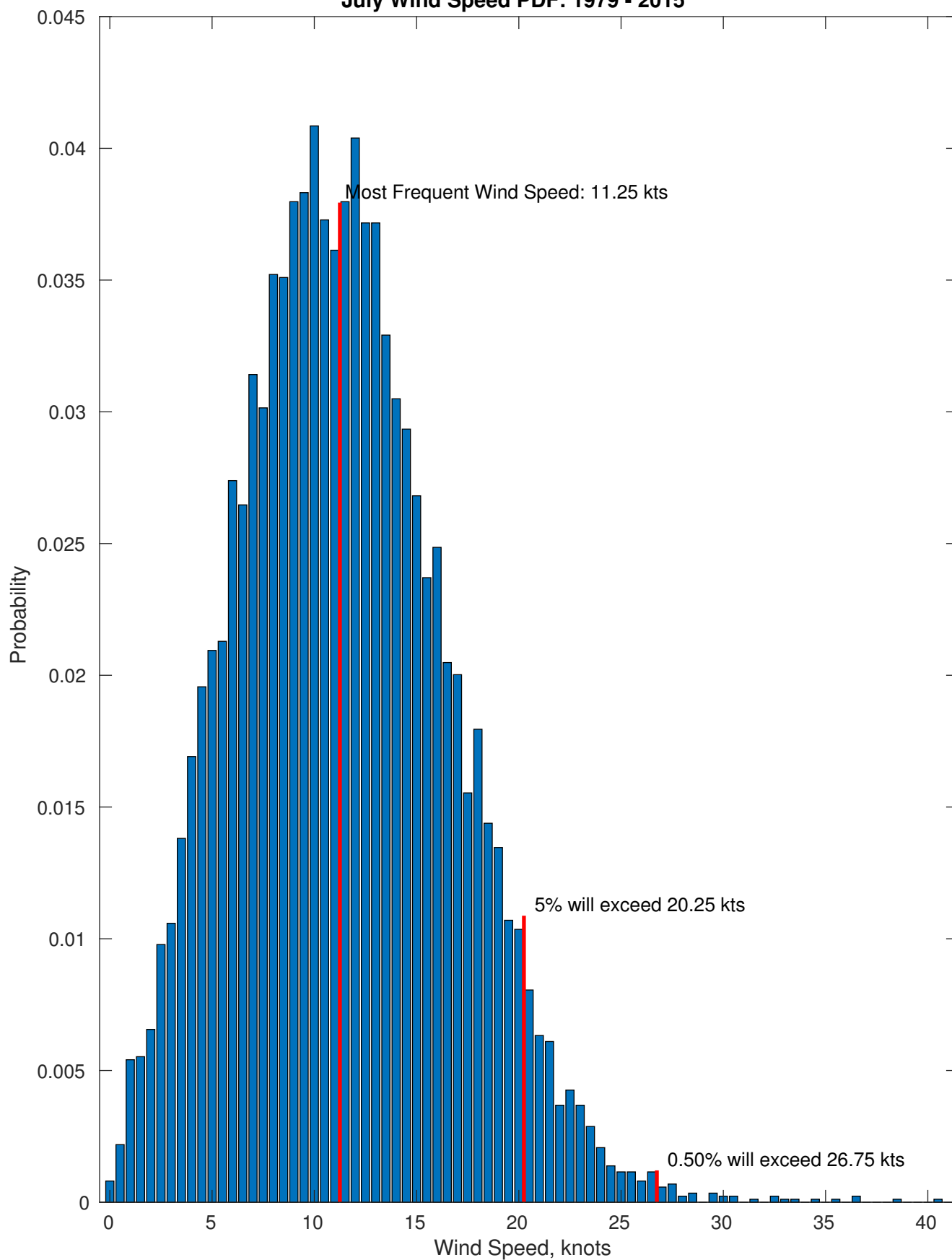
Wind-Sea: 20.18%



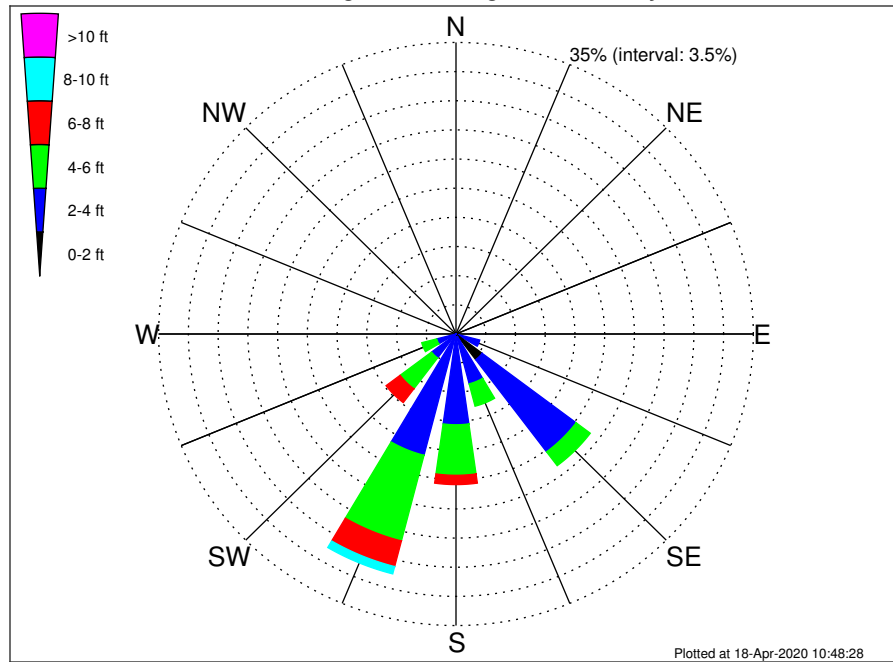
Swell: 79.82%



July Wind Speed PDF: 1979 - 2015



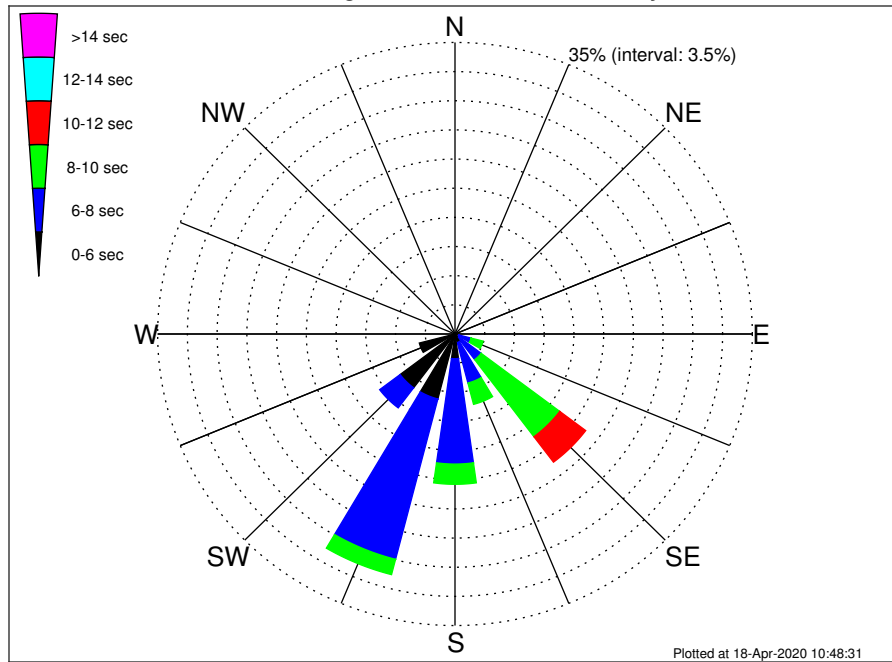
OCS A-0501 South Climatological WaveHeight Rose for July: 1979 - 2015



Joint Frequency Distribution Table

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
calm	•	•	•	•	•	0.02	0.03	•	•	•	•	•	•	•	•	•	0.06
1 - 2 ft	•	•	•	0.01	•	0.35	3.82	0.35	0.60	0.30	0.01	0.06	0.03	0.01	•	0.02	5.56
2 - 4 ft	0.03	0.16	0.18	0.30	0.59	2.52	13.86	5.83	10.30	14.74	3.59	2.29	0.29	0.09	0.20	0.06	55.03
4 - 6 ft	0.01	0.06	0.14	0.25	0.39	0.51	2.08	2.77	6.06	10.62	4.64	1.82	0.06	0.08	0.05	0.02	29.56
6 - 8 ft	0.01	•	•	0.03	•	0.03	0.22	0.49	1.12	3.18	2.07	0.29	•	0.03	•	•	7.48
8 - 10 ft	0.01	0.01	•	•	•	0.01	0.02	•	0.13	0.91	0.63	0.01	•	•	•	•	1.74
10 - 12 ft	•	0.01	•	•	0.01	•	•	•	0.02	0.28	0.16	•	•	•	•	•	0.48
12 - 14 ft	•	•	•	•	0.02	•	•	•	0.01	0.01	•	•	•	•	•	•	0.05
14 - 16 ft	•	•	•	•	•	•	•	•	•	0.01	•	•	•	•	•	•	0.01
16 - 18 ft	•	•	•	•	•	•	•	•	•	0.01	•	•	•	•	•	•	0.01
> 18 ft	•	•	•	•	•	•	•	•	•	0.02	•	•	•	•	•	•	0.02
Total	0.07	0.24	0.32	0.60	1.01	3.44	20.03	9.45	18.24	30.08	11.10	4.46	0.38	0.22	0.24	0.10	100.00

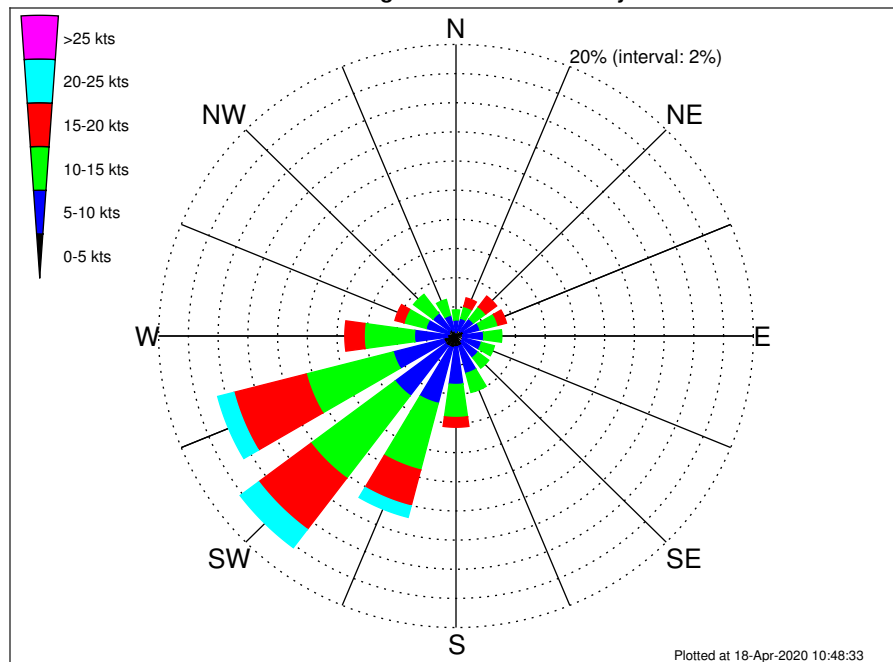
OCS A-0501 South Climatological WavePeriod Rose for July: 1979 - 2015



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	0.03	0.14	0.12	0.08	0.03	0.05	0.12	0.08	0.15	0.24	0.33	0.44	0.16	0.05	0.12	0.09	2.22
4 - 6 sec	0.03	0.09	0.21	0.37	0.41	0.41	0.47	0.98	2.82	7.81	7.76	3.90	0.22	0.17	0.13	0.01	25.80
6 - 8 sec	.	0.01	.	0.13	0.54	1.50	3.27	5.02	12.65	19.88	3.01	0.13	.	.	.	.	46.13
8 - 10 sec	.	.	.	0.02	0.02	1.46	11.59	2.65	2.43	1.90	.	.	.	.	.	.	20.07
10 - 12 sec	.	.	.	.	.	0.02	3.82	0.46	0.12	0.16	.	.	.	.	.	.	4.58
12 - 14 sec	.	.	.	.	.	.	0.66	0.14	0.03	0.06	.	.	.	.	.	.	0.89
14 - 16 sec	.	.	.	.	.	.	0.09	0.12	0.03	0.02	.	.	.	.	.	.	0.26
18 - 20 sec	.	.	.	.	.	.	0.02	0.01	0.01	.	.	.	.	.	.	.	0.05
22 - 24 sec	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Total	0.07	0.24	0.32	0.60	1.01	3.44	20.03	9.45	18.24	30.08	11.10	4.46	0.38	0.22	0.24	0.10	100.00

OCS A-0501 South Climatological Wind Rose for July: 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	0.01	0.02	0.02	0.01	0.02	0.02	0.01	0.02	0.02	•	0.03	0.05	0.30
0 - 5 kts	0.25	0.41	0.39	0.54	0.45	0.46	0.47	0.70	0.72	0.81	0.85	0.83	0.55	0.49	0.51	0.37	8.81
5 - 10 kts	0.85	0.83	1.06	1.12	1.40	1.29	1.36	1.93	2.58	3.95	4.27	3.51	2.22	1.60	1.40	1.06	30.43
10 - 15 kts	0.69	0.84	1.04	1.25	1.22	0.90	0.91	1.36	2.27	4.72	7.09	6.04	3.38	1.52	1.63	1.12	35.97
15 - 20 kts	0.24	0.61	0.92	0.59	0.23	0.36	0.13	0.32	0.67	2.55	4.40	5.03	1.30	0.63	0.44	0.38	18.79
20 - 25 kts	0.10	0.10	0.13	0.03	0.08	0.10	0.08	0.09	0.22	0.81	1.57	1.13	0.20	0.08	0.14	0.02	4.88
25 - 30 kts	0.01	0.05	0.02	•	•	0.05	0.02	0.02	0.01	0.07	0.17	0.14	0.01	0.02	0.05	•	0.64
30 - 35 kts	0.01	0.01	0.02	0.02	•	•	•	•	•	0.01	•	0.02	•	•	•	0.01	0.12
35 - 40 kts	0.01	•	•	•	•	•	•	•	0.01	0.01	•	0.01	•	•	•	•	0.05
40 - 45 kts	0.01	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	0.01
45 - 50 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	2.19	2.87	3.60	3.57	3.39	3.18	2.99	4.44	6.50	12.95	18.35	16.73	7.69	4.35	4.20	3.00	100.00