

OCS A-0501 South - May

Weather Days

Wave Height > 5.0 ft Mean: 9.1 days Range: 6.1 - 12.1 days p50: 9 days p90: 15 days

Wave Height > 6.0 ft Mean: 5.5 days Range: 3.1 - 7.8 days p50: 6 days p90: 11 days

Wave Height > 7.0 ft Mean: 3.2 days Range: 1.4 - 4.9 days p50: 3 days p90: 8 days

Working Window Probability

Wave Height < 5.0 ft 3 days or longer: 52%

5 days or longer: 17%

7 days or longer: 7%

Wave Height < 6.0 ft 3 days or longer: 66%

5 days or longer: 33%

7 days or longer: 19%

Wave Height < 7.0 ft 3 days or longer: 75%

5 days or longer: 48%

7 days or longer: 33%

Waves

Mean Height: 4 - 6 ft

The wave heights will occasionally reach 10 - 12 ft, but rarely higher.

Mean Period: 6 - 8 sec

The wave periods will occasionally reach 10 - 12 sec, but rarely longer.

Principle Direction, from: SSW

WindSea/Swell: 25% / 75%

Winds

Mean Speed: 10 - 15 kts

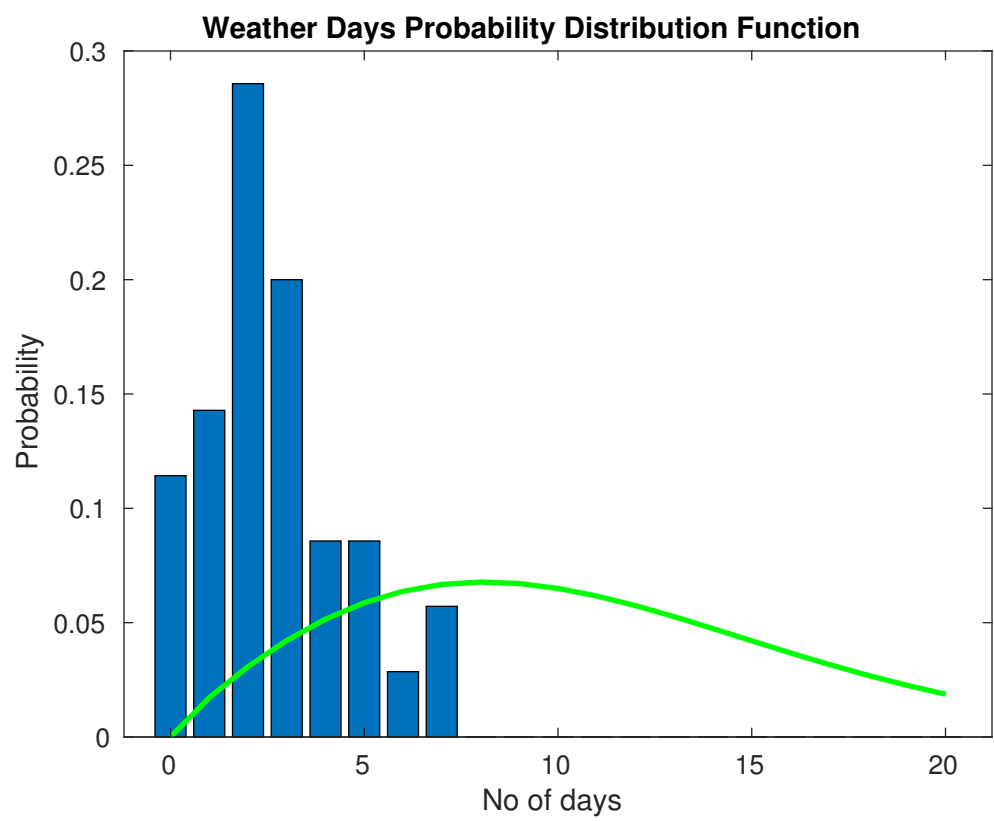
The winds will occasionally reach 30 - 35 kts, but rarely greater.

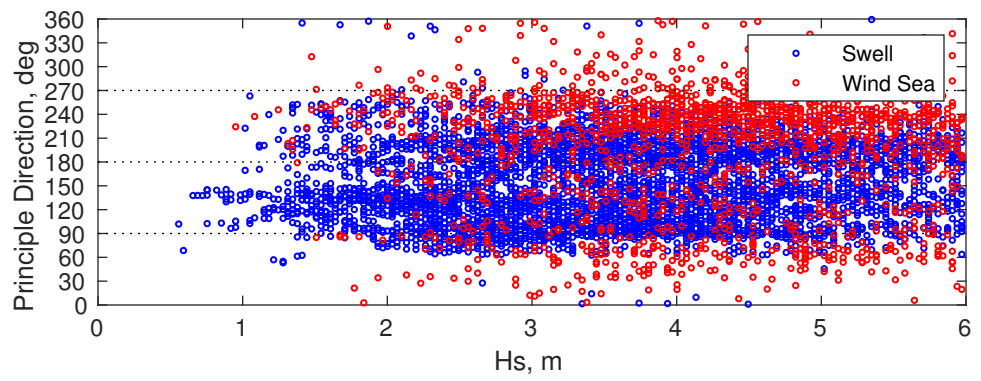
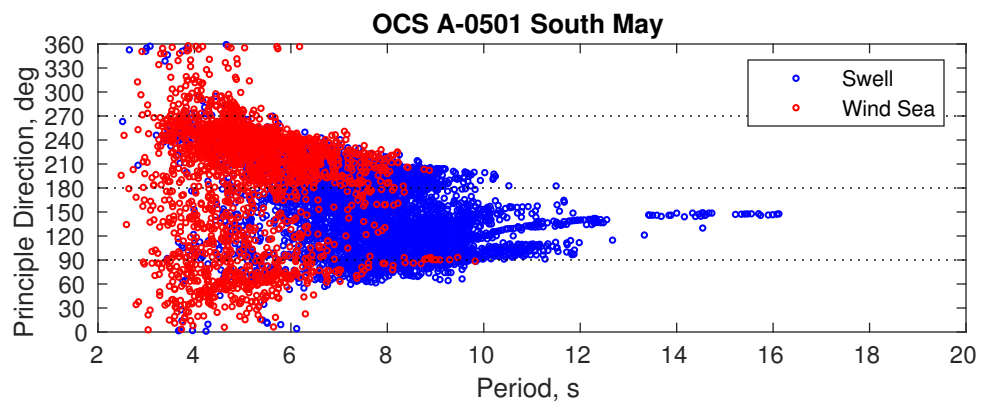
Principle Direction, from: WSW

Severe Storms

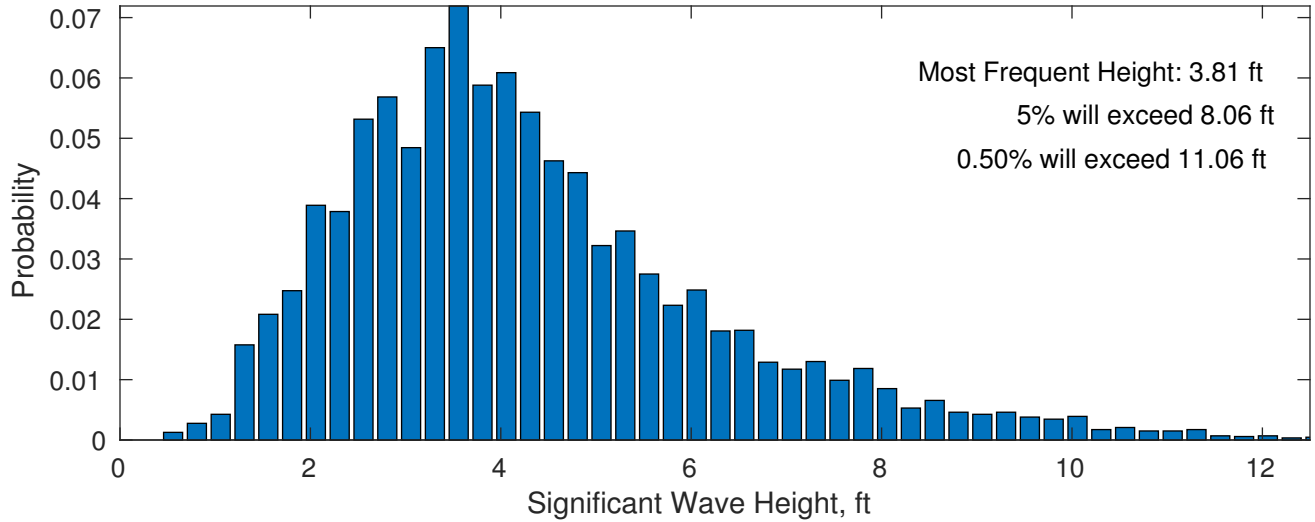
There is a 6 % chance of a storm with winds peaking above 34 kts.

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

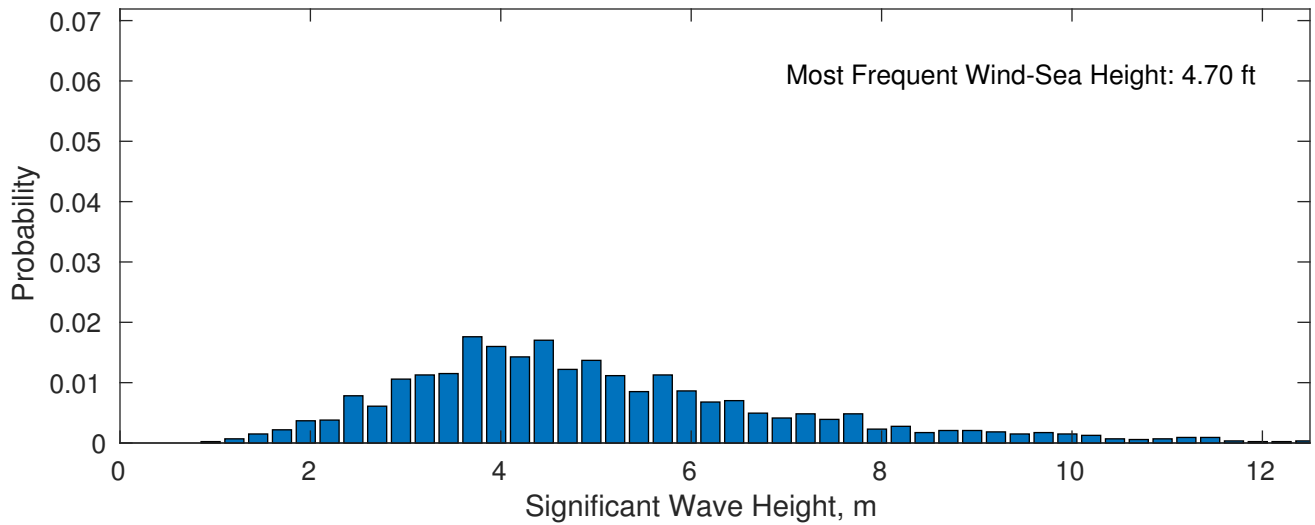




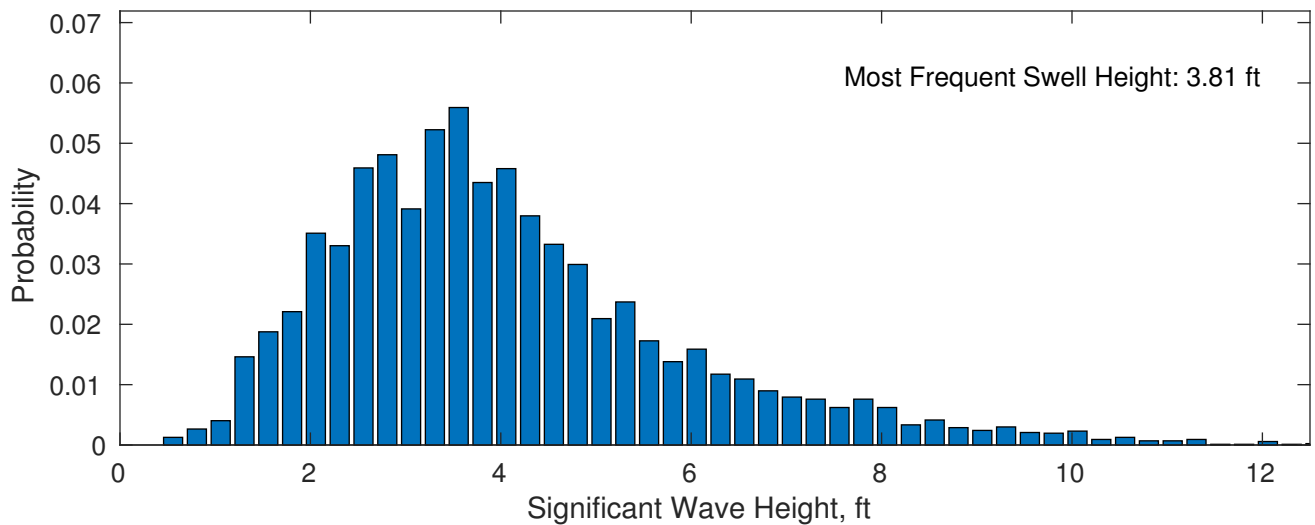
May Wave Height PDF: 1979 - 2015



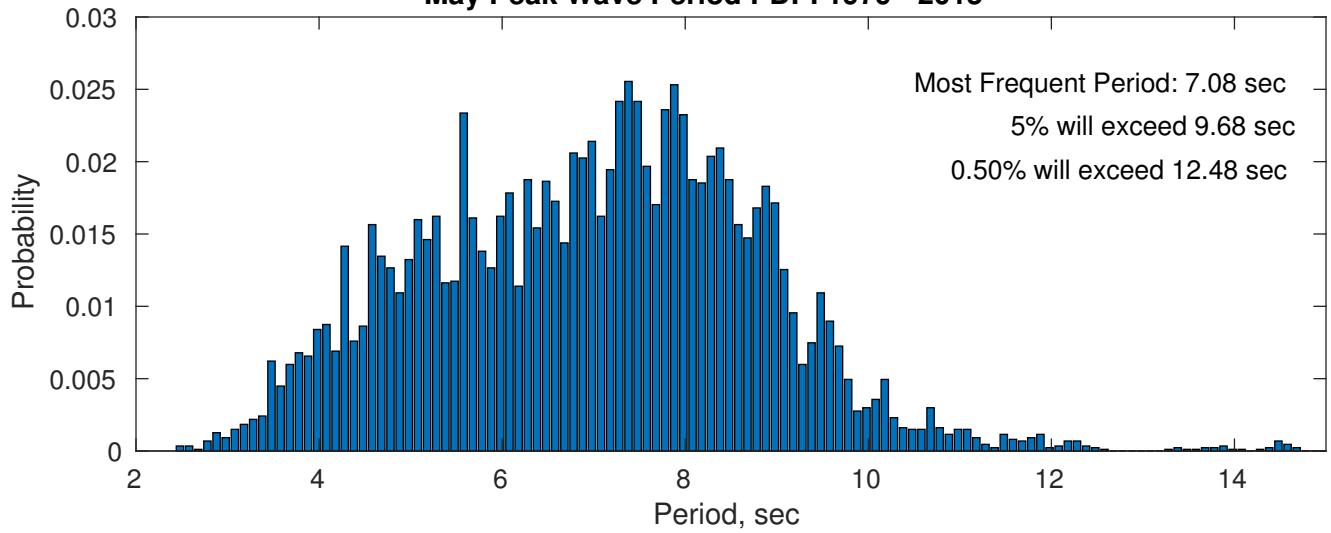
Wind-Sea: 25.01%



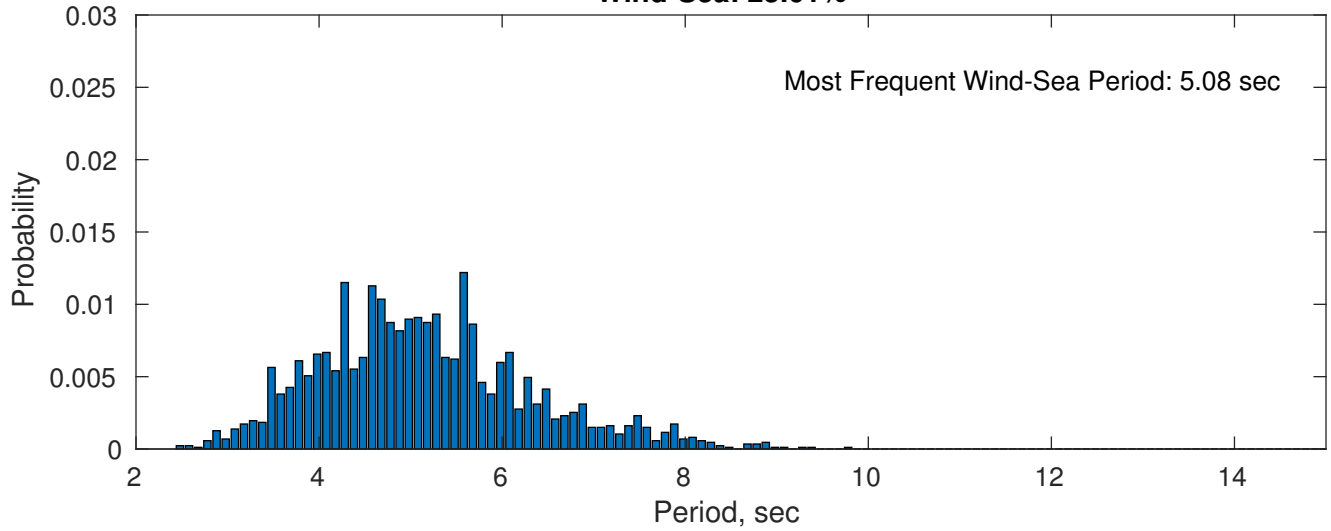
Swell: 74.99%



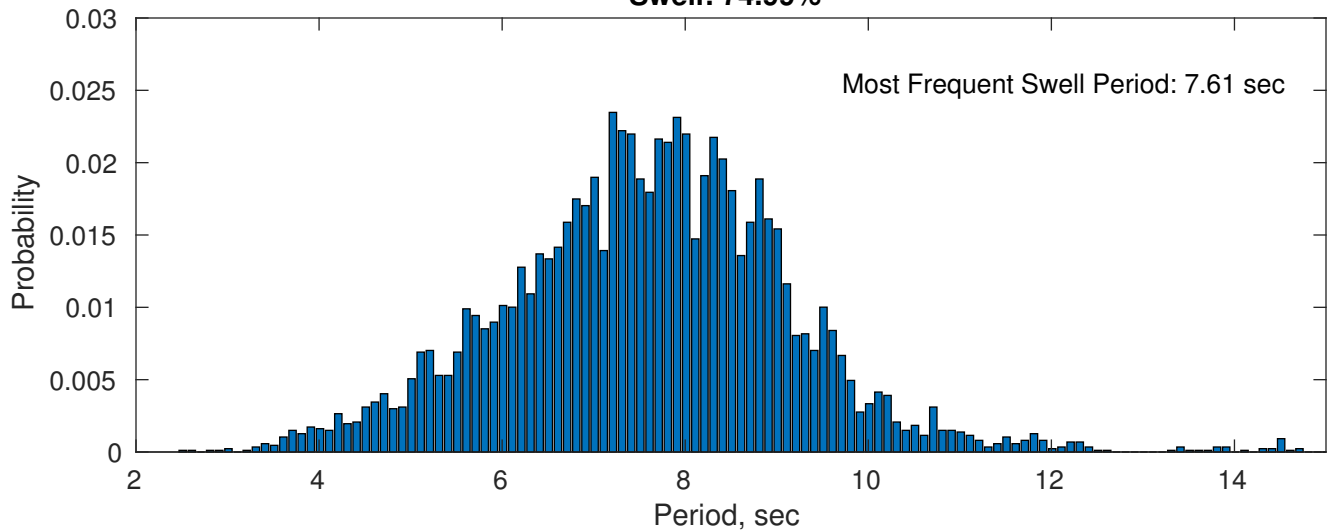
May Peak Wave Period PDF: 1979 - 2015



Wind-Sea: 25.01%

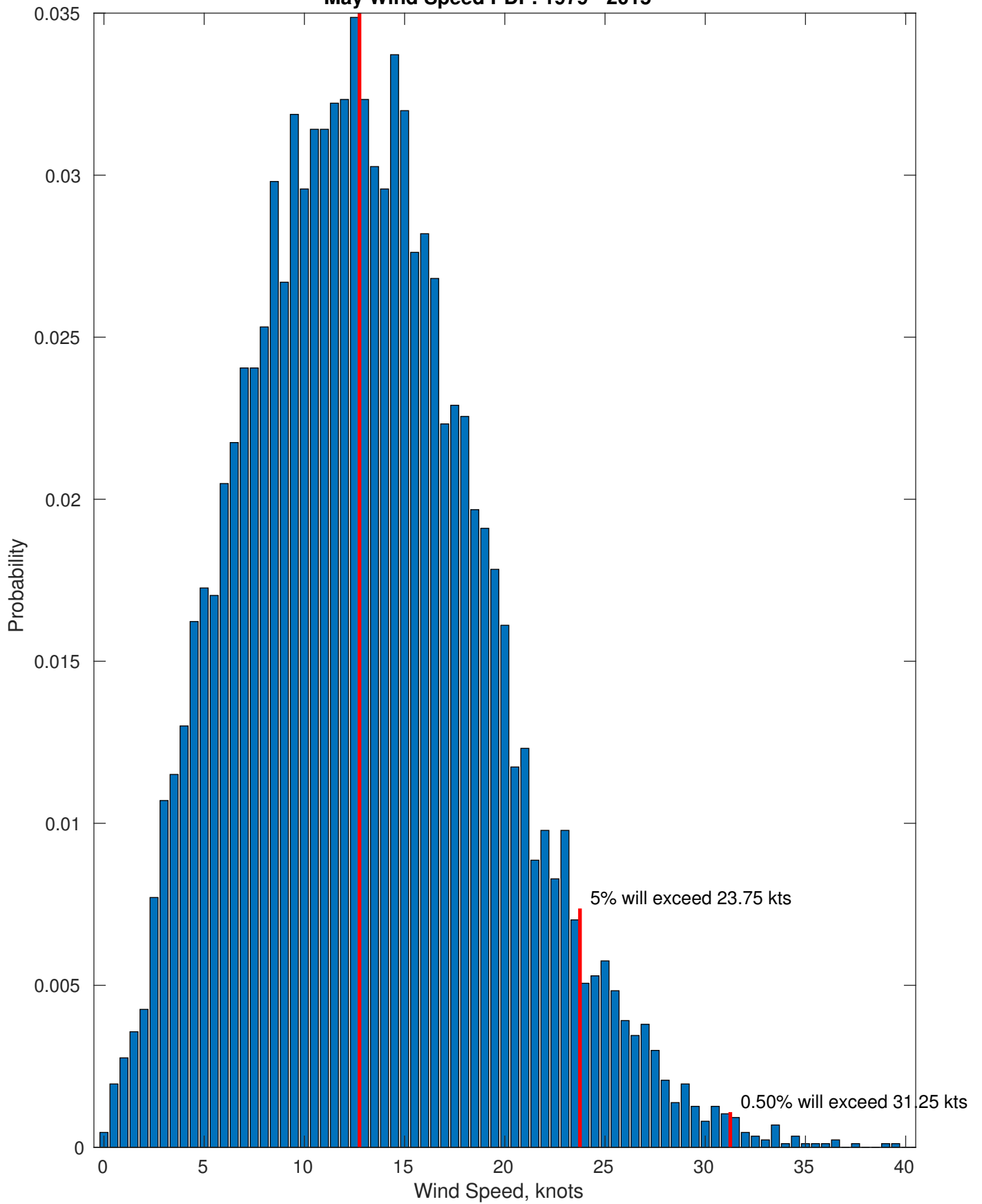


Swell: 74.99%

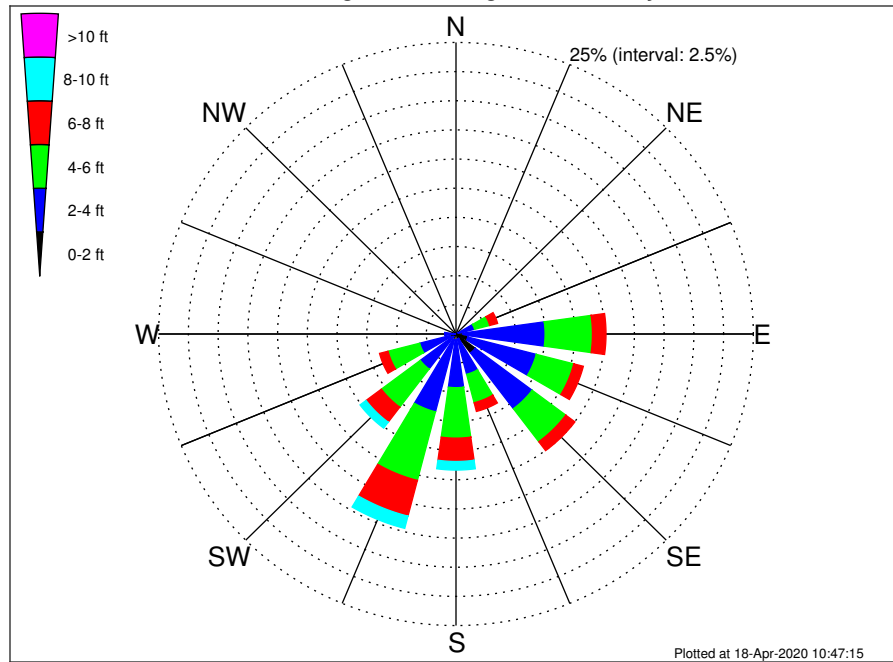


Most Frequent Wind Speed: 12.75 kts

May Wind Speed PDF: 1979 - 2015



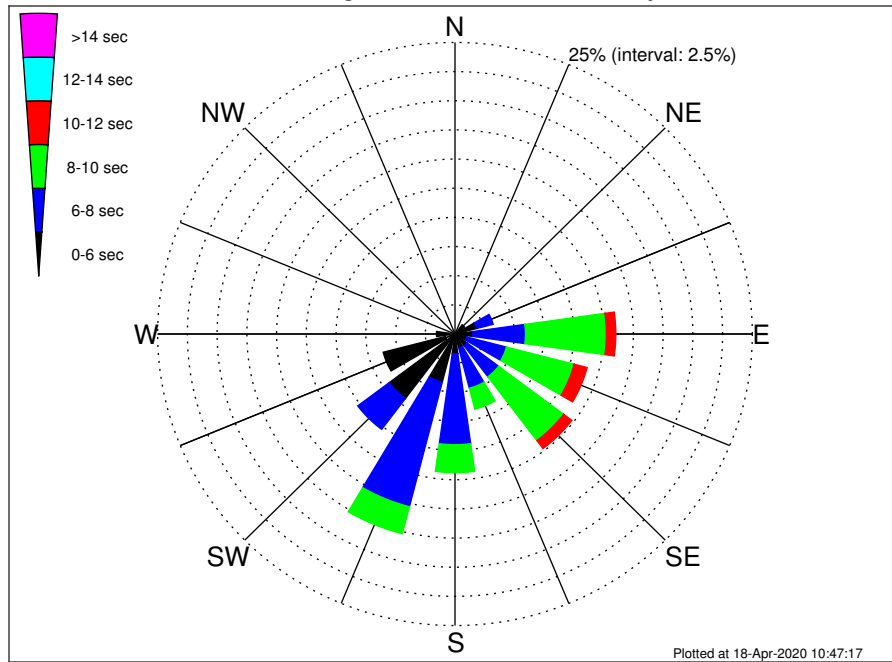
OCS A-0501 South Climatological WaveHeight Rose for May: 1979 - 2015



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	0.05	0.20	•	•	•	0.01	•	•	•	•	•	0.29
1 - 2 ft	0.05	0.01	0.03	0.09	0.55	0.98	1.83	0.44	0.48	0.52	0.30	0.55	0.07	0.01	0.01	•	5.93
2 - 4 ft	0.16	0.17	0.37	1.51	6.92	5.95	6.00	3.13	4.12	6.38	3.45	2.60	0.89	0.32	0.10	0.12	42.17
4 - 6 ft	0.09	0.10	0.37	1.31	3.98	3.26	3.54	2.52	4.33	6.08	4.10	2.75	0.59	0.22	0.08	0.07	33.38
6 - 8 ft	0.03	0.07	0.23	0.69	1.14	0.83	0.96	0.77	2.00	3.16	1.61	0.74	0.02	•	•	•	12.26
8 - 10 ft	0.06	0.03	0.03	0.16	0.49	0.41	0.20	0.40	0.74	1.08	0.63	0.09	•	•	•	•	4.34
10 - 12 ft	0.02	0.01	•	0.05	0.41	0.02	0.01	0.06	0.23	0.41	0.20	0.01	•	•	•	•	1.44
12 - 14 ft	•	•	•	•	•	•	0.02	•	0.02	0.10	0.05	•	•	•	•	•	0.20
14 - 16 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
16 - 18 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
> 18 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	0.41	0.40	1.04	3.82	13.52	11.50	12.75	7.32	11.92	17.73	10.35	6.74	1.57	0.55	0.20	0.18	100.00

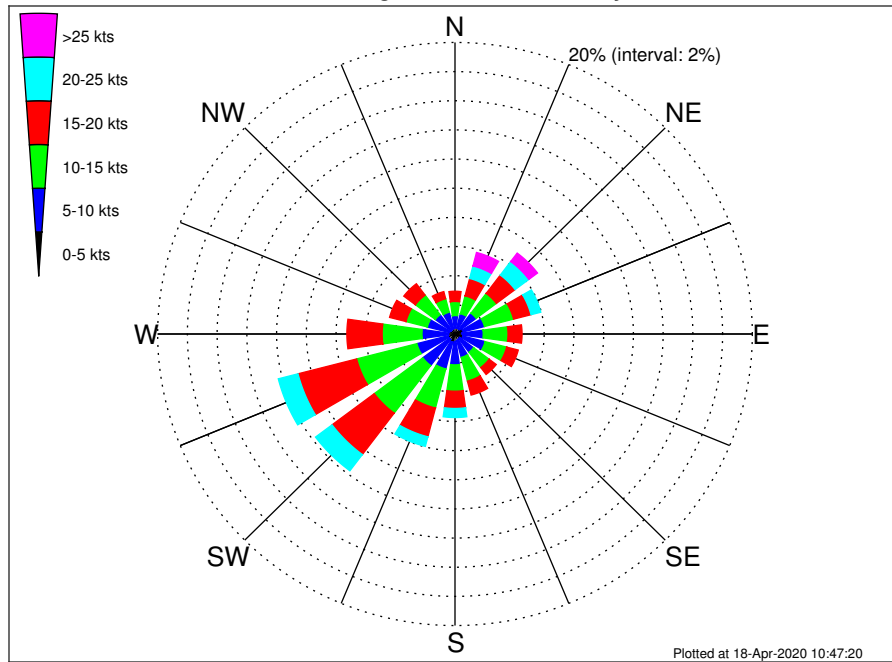
OCS A-0501 South Climatological WavePeriod Rose for May: 1979 - 2015



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	0.22	0.20	0.22	0.22	0.43	0.18	0.25	0.22	0.20	0.29	0.33	0.84	0.47	0.16	0.09	0.12	4.43
4 - 6 sec	0.17	0.20	0.78	1.67	1.05	0.83	1.01	1.01	1.50	3.98	6.59	5.40	1.09	0.39	0.10	0.07	25.85
6 - 8 sec	0.02	0.01	0.03	1.43	4.45	3.45	3.33	3.57	7.80	11.02	3.31	0.51	.	.	.	.	38.94
8 - 10 sec	.	.	.	0.51	6.80	5.88	6.85	1.85	2.39	2.39	0.10	.	.	.	.	.	26.78
10 - 12 sec	.	.	.	.	0.79	1.13	0.86	0.41	0.03	0.05	.	.	.	.	.	.	3.28
12 - 14 sec	.	.	.	.	.	0.02	0.33	0.05	.	.	.	.	.	.	.	.	0.40
14 - 16 sec	.	.	.	.	.	.	0.12	0.17	.	.	.	.	.	.	.	.	0.29
18 - 20 sec	.	.	.	.	.	.	.	0.03	.	.	.	.	.	.	.	.	0.03
22 - 24 sec	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Total	0.41	0.40	1.04	3.82	13.52	11.50	12.75	7.32	11.92	17.73	10.35	6.74	1.57	0.55	0.20	0.18	100.00

OCS A-0501 South Climatological Wind Rose for May: 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	0.02	0.02	0.02	0.01	0.01	0.01	0.02	0.02	•	0.01	•	0.01	0.02	0.24
0 - 5 kts	0.39	0.41	0.39	0.54	0.45	0.52	0.38	0.43	0.49	0.55	0.45	0.48	0.43	0.40	0.32	0.33	6.97
5 - 10 kts	0.85	1.01	1.38	1.48	1.43	1.55	1.17	1.22	1.61	1.90	2.24	2.16	1.78	1.52	1.32	1.19	23.83
10 - 15 kts	0.97	1.27	1.70	2.03	1.67	1.50	1.31	1.68	1.81	2.77	4.09	4.19	2.68	1.48	1.68	0.96	31.77
15 - 20 kts	0.70	1.23	1.58	1.21	0.94	0.81	0.60	0.99	1.19	2.04	3.56	4.07	2.37	1.14	0.98	0.51	23.90
20 - 25 kts	0.35	0.89	1.16	0.68	0.24	0.22	0.13	0.38	0.62	0.68	1.39	1.37	0.46	0.49	0.25	0.12	9.42
25 - 30 kts	0.20	0.67	0.66	0.18	0.08	0.06	0.06	0.06	0.12	0.30	0.28	0.25	0.05	0.09	0.07	0.03	3.14
30 - 35 kts	0.12	0.24	0.05	0.02	0.01	0.01	•	0.01	0.02	0.03	0.02	0.01	0.03	0.02	0.01	•	0.62
35 - 40 kts	0.01	0.05	0.02	0.01	•	•	•	•	•	•	•	•	•	•	•	•	0.09
40 - 45 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
45 - 50 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	3.60	5.78	6.95	6.18	4.84	4.68	3.66	4.78	5.87	8.30	12.05	12.54	7.81	5.16	4.65	3.15	100.00