

Angola Namibia CRS Swakopmunds (BU-SW) - May

Latitude: 22.64 S Longitude: 13.12 E

Weather Days

Wave Height > 5.0 ft Mean: 23.0 days Range: 20.3 - 25.6 days p50:23 days p75:21 days p90:20 days
Wave Height > 6.5 ft Mean: 15.2 days Range: 11.3 - 19.2 days p50:14 days p75:12.5 days p90:11 days
Wave Height > 8.0 ft Mean: 8.3 days Range: 5.4 - 11.1 days p50:8.5 days p75:5.5 days p90:5 days

Wind Speed > 15.0 knots Mean: 12.3 days Range: 9.0 - 15.7 days p50:12 days p75:10 days p90:9 days
Wind Speed > 20.0 knots Mean: 2.7 days Range: 1.2 - 4.2 days p50:3 days p75:1.5 days p90:1 days
Wind Speed > 25.0 knots Mean: 0.2 days Range: 0.0 - 0.6 days p50:0.5 days p75:0.5 days p90:0.5 days

Working Window

Wave Height < 5.0 ft	A 1 day or longer window will statistically occur 0.5 times per month A 2 day or longer window will statistically occur 0.1 times per month A 3 day or longer window will statistically occur 0.0 times per month
Wave Height < 6.5 ft	A 1 day or longer window will statistically occur 2.3 times per month A 2 day or longer window will statistically occur 1.1 times per month A 3 day or longer window will statistically occur 0.6 times per month
Wave Height < 8.0 ft	A 1 day or longer window will statistically occur 3.8 times per month A 2 day or longer window will statistically occur 2.5 times per month A 3 day or longer window will statistically occur 1.5 times per month

Waves

Mean Height: 8 - 10 ft
The wave heights will occasionally reach 16 - 18 ft, but rarely higher.
Mean Period: 12 - 14 sec
The wave periods will occasionally reach 22 - 24 sec, but rarely longer.
Principle Direction, from: SW
WindSea/Swell: 2% / 98%

Winds

Mean Speed: 10 - 15 kts
The winds will occasionally reach 25 - 30 kts, but rarely greater.
Principle Direction, from: SSE

Currents

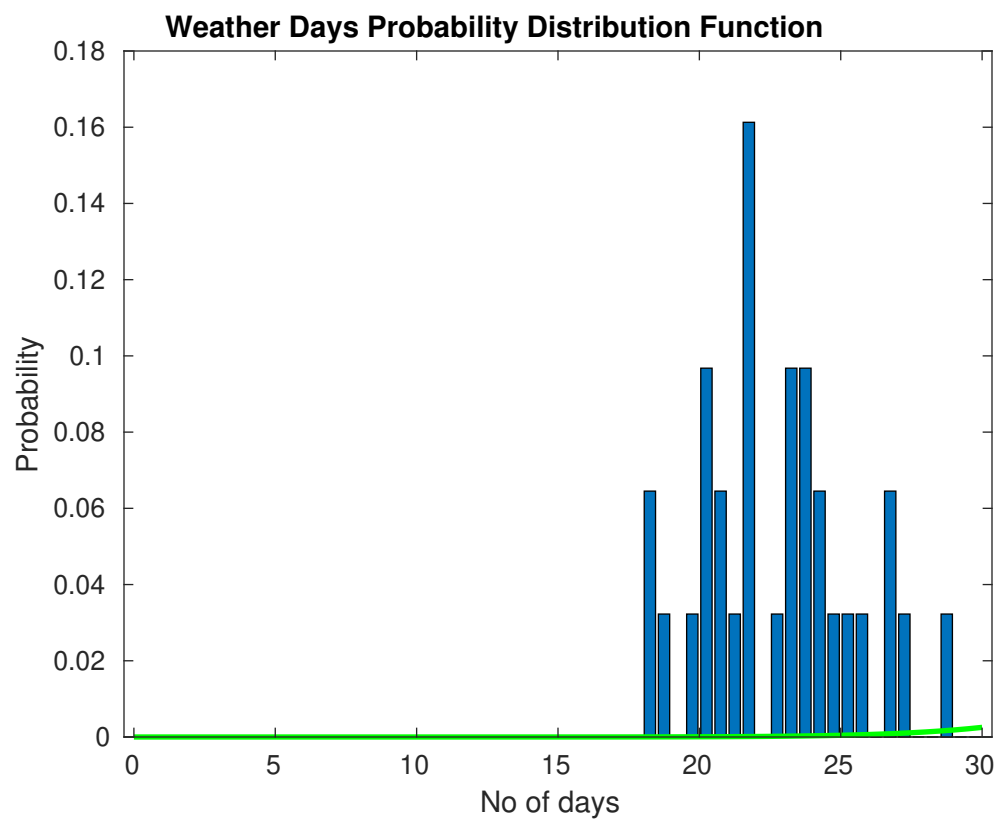
Mean Speed: 0.25-0.50 kts
The currents will occasionally reach 0.75-1.00 kts, but rarely greater.
Principle Direction, to: NNW

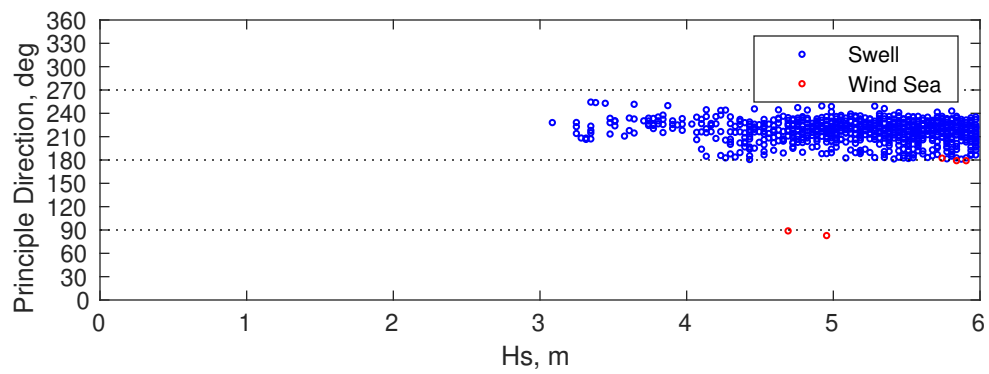
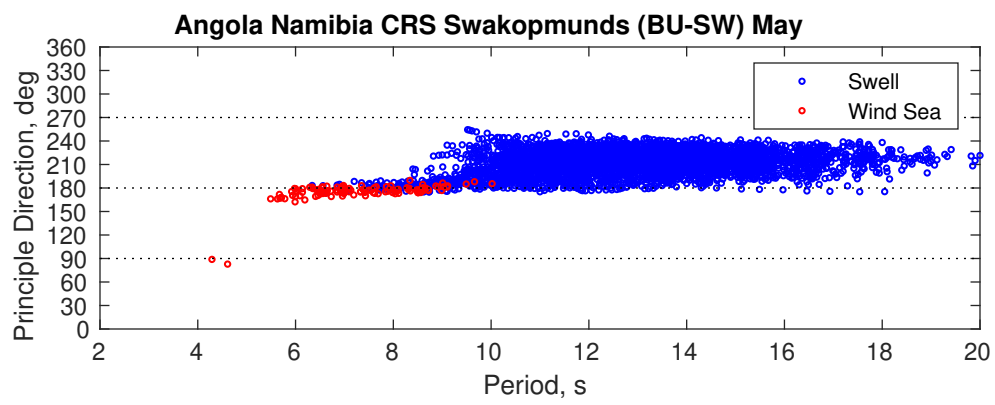
Weather Days

Current Speed > 0.5 knots Mean: 3.9 days Range: 0.7 - 7.0 days p50:4 days p75:3 days p90:2 days
Current Speed > 1.0 knots Mean: 0.0 days Range: 0.0 - 0.0 days p50:1 days p75:1 days p90:1 days
Current Speed > 1.5 knots Mean: 0.0 days Range: 0.0 - 0.0 days p50:1 days p75:1 days p90:1 days

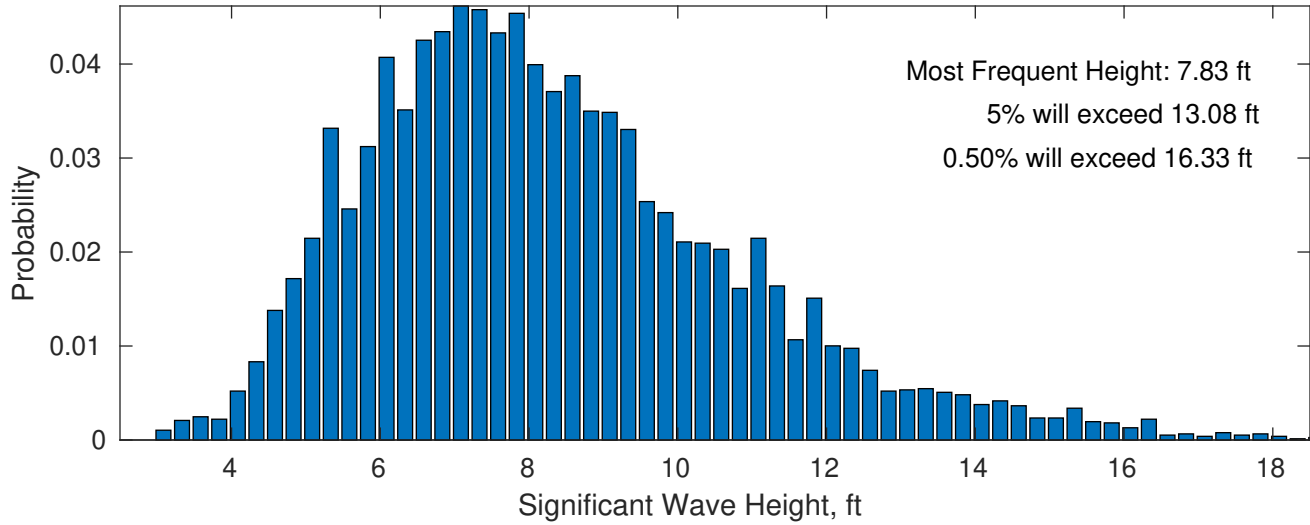
Severe Storms

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

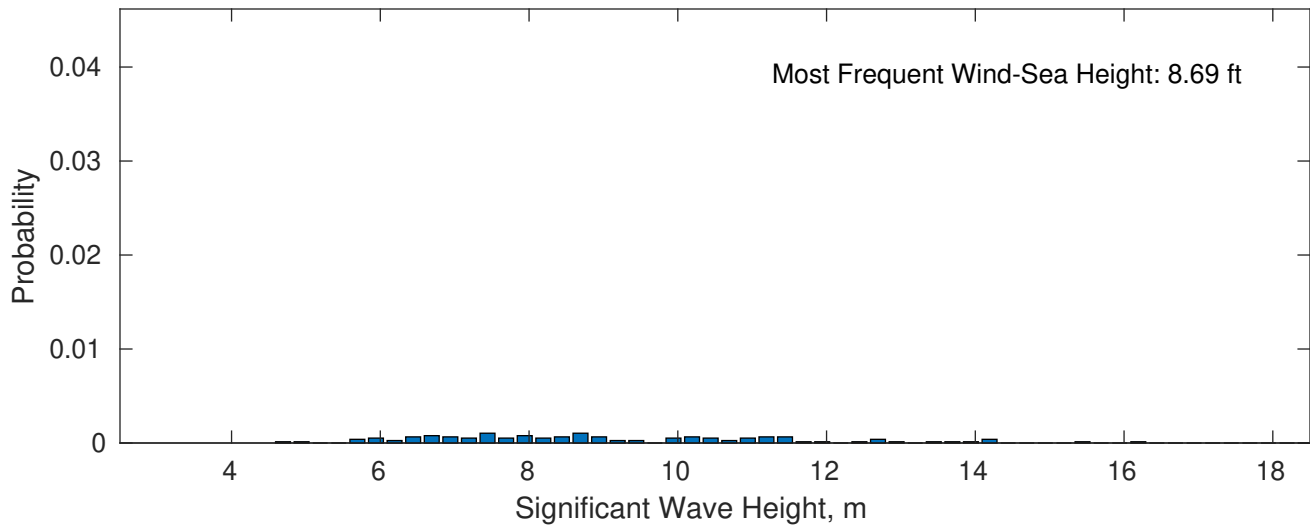




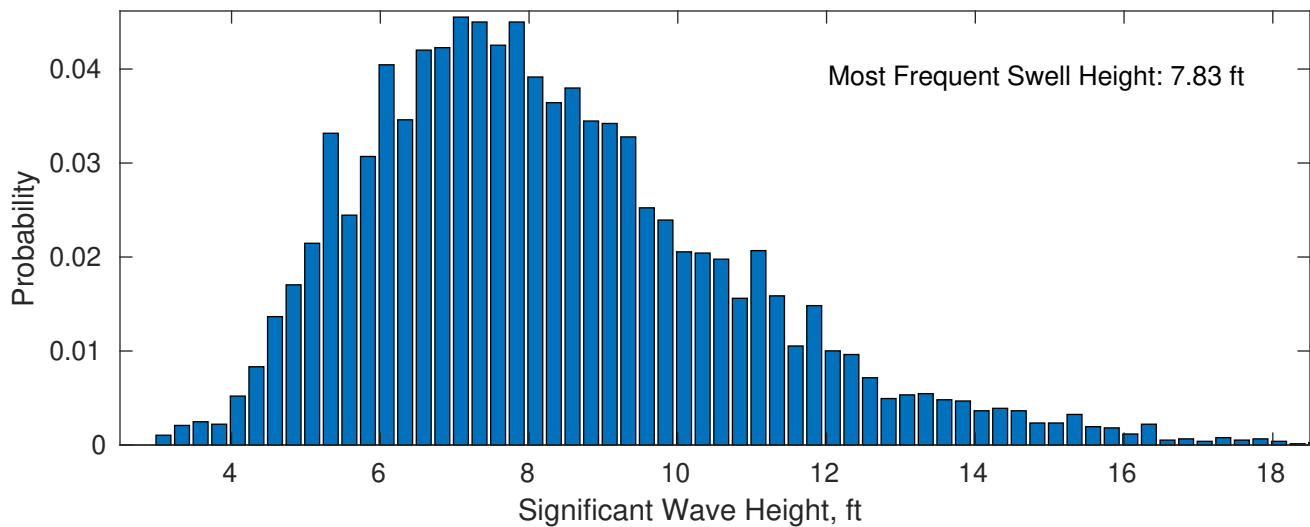
May Wave Height PDF: 1979 - 2015



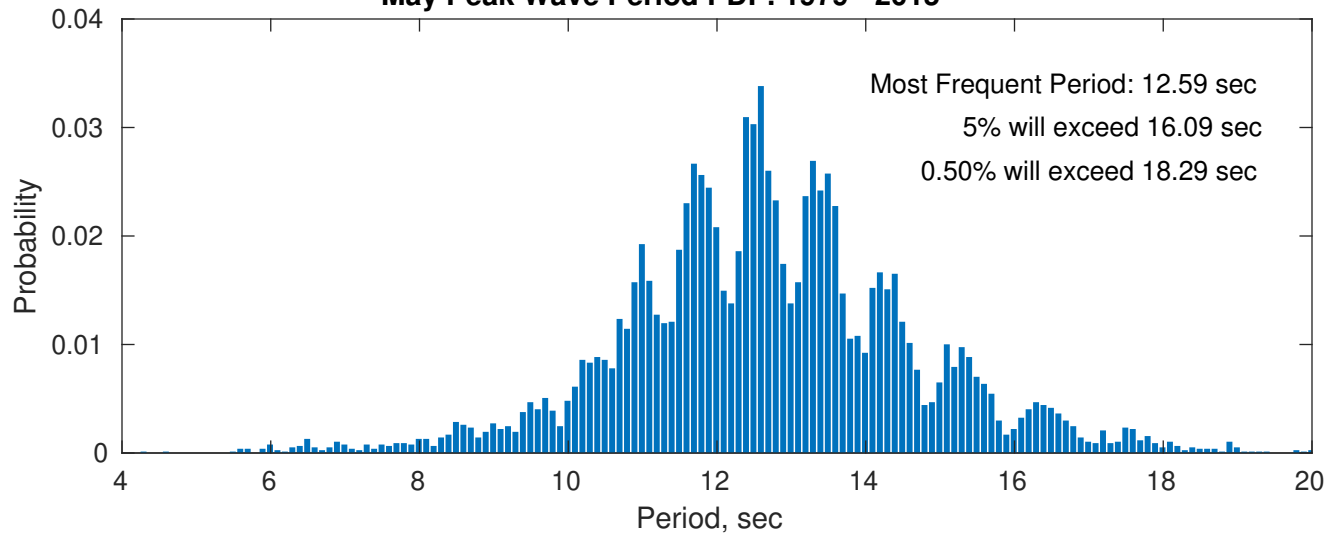
Wind-Sea: 1.55%



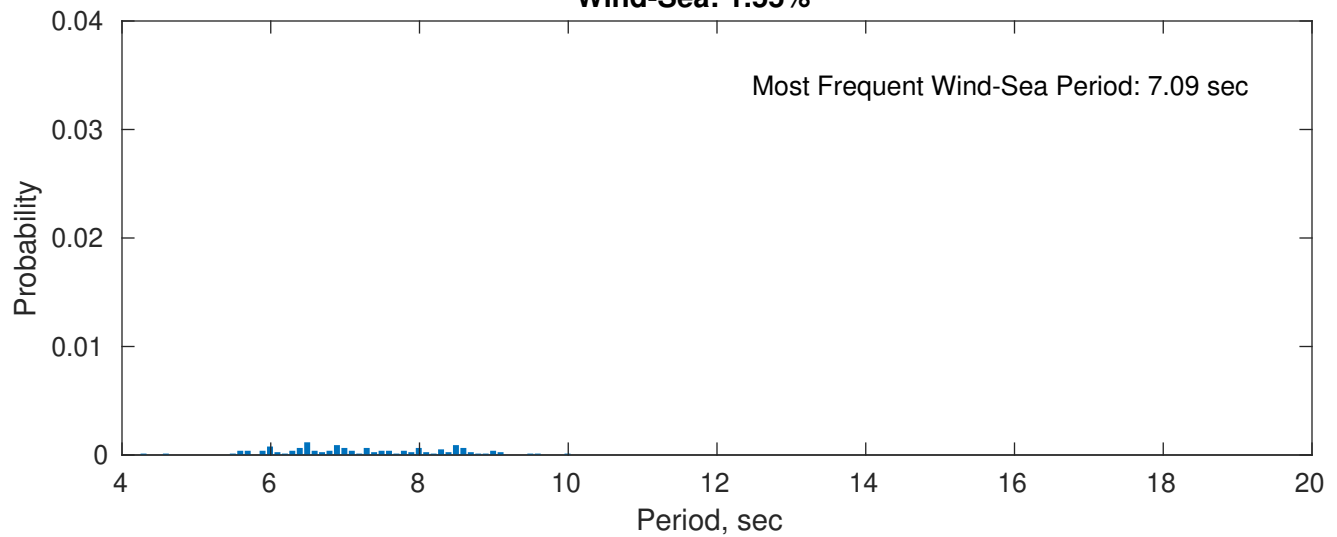
Swell: 98.45%



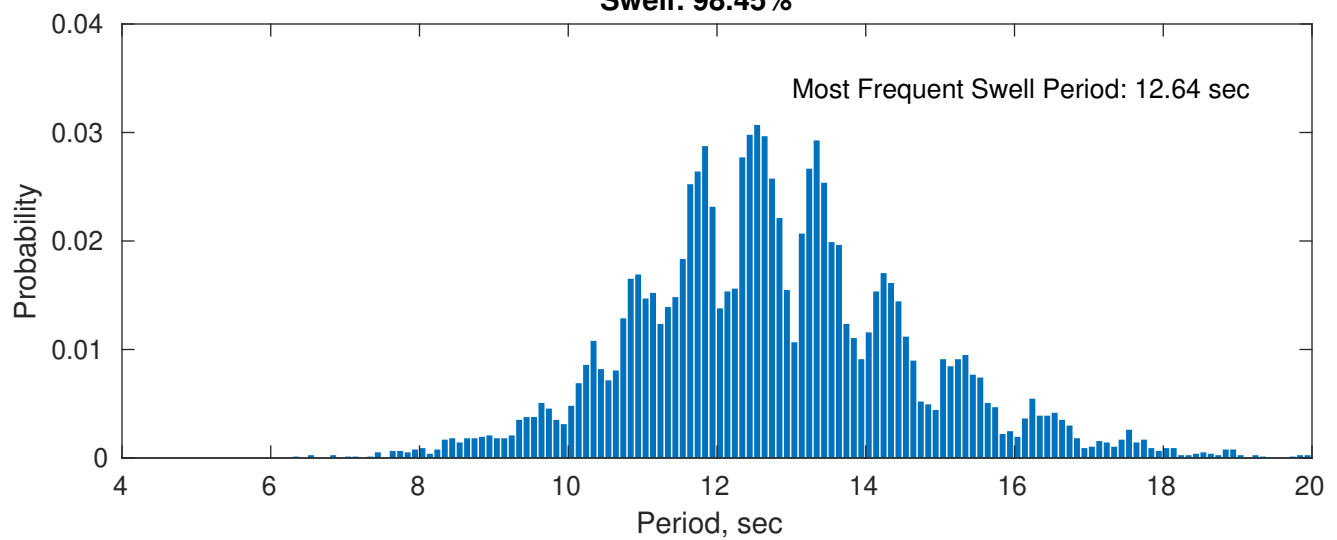
May Peak Wave Period PDF: 1979 - 2015



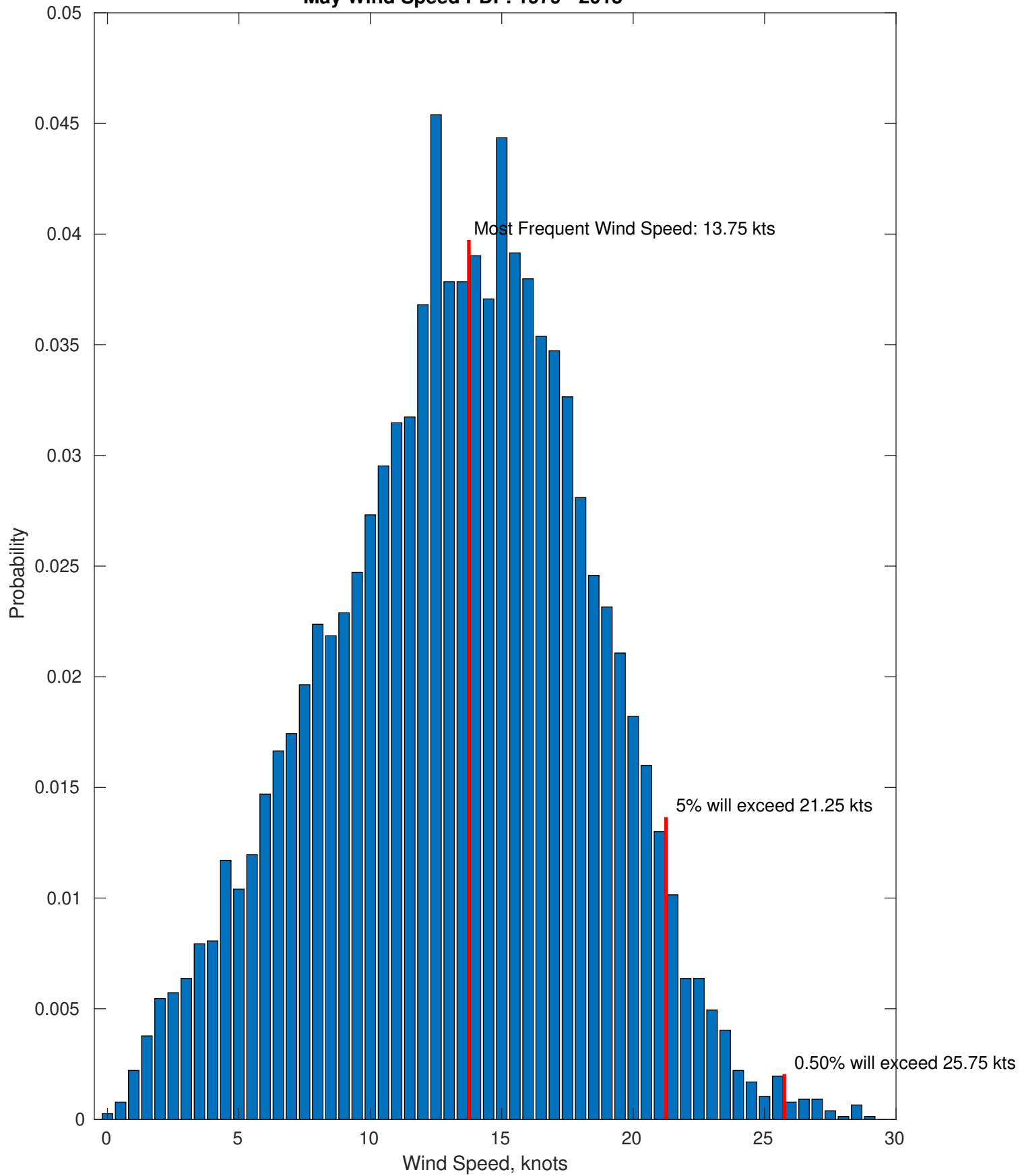
Wind-Sea: 1.55%



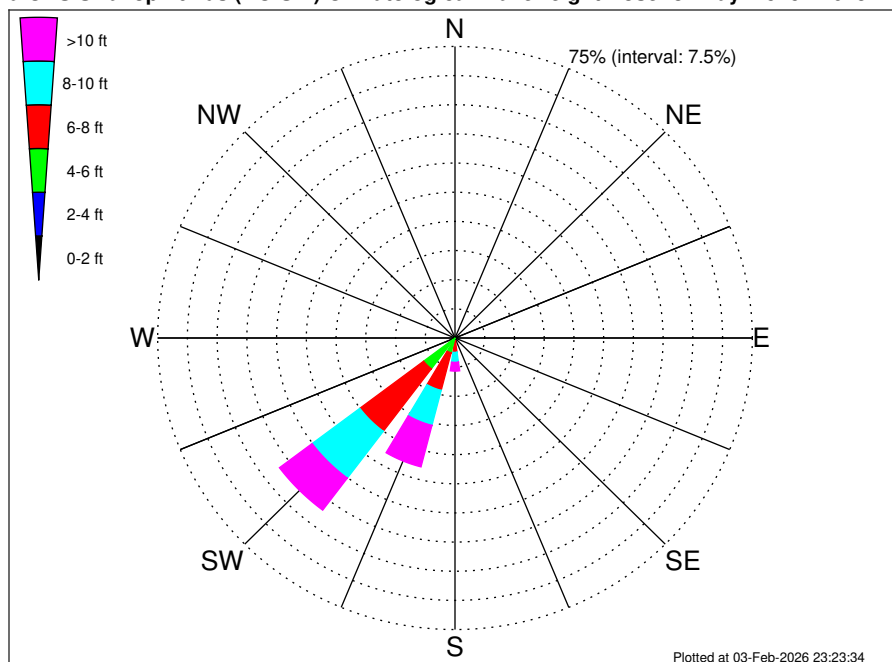
Swell: 98.45%



May Wind Speed PDF: 1979 - 2015



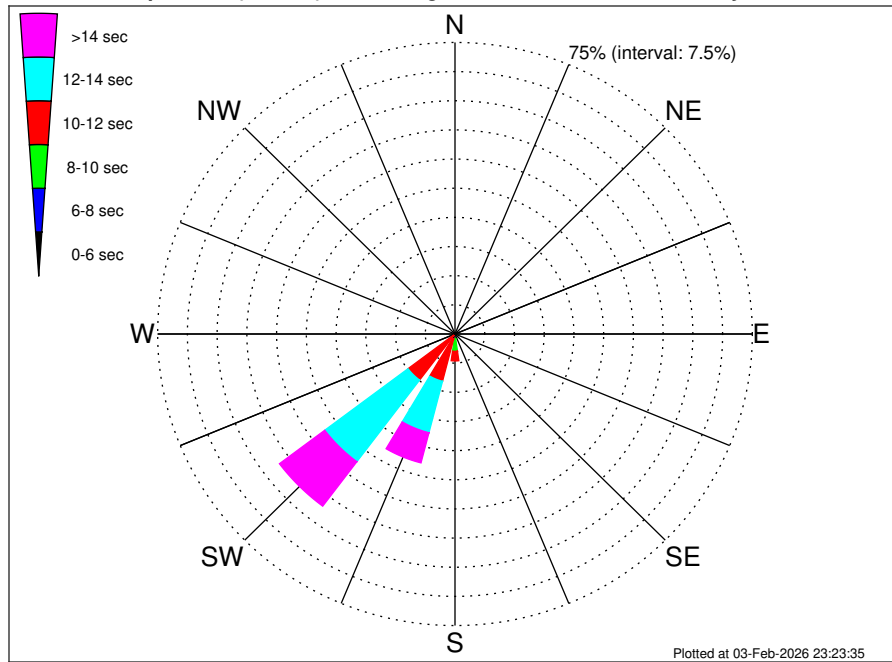
Angola Namibia CRS Swakopmunds (BU-SW) Climatological WaveHeight Rose for May: 1979 - 2015



Joint Frequency Distribution Table

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
calm	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
1 - 2 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
2 - 4 ft	•	•	•	•	•	•	•	•	•	0.10	0.55	0.08	•	•	•	•	0.73
4 - 6 ft	•	•	•	•	0.03	•	•	•	0.79	3.82	9.37	0.38	•	•	•	•	14.39
6 - 8 ft	•	•	•	•	•	•	•	0.08	2.90	9.99	20.15	0.64	•	•	•	•	33.75
8 - 10 ft	•	•	•	•	•	•	•	0.03	2.58	9.30	15.08	0.40	•	•	•	•	27.38
10 - 12 ft	•	•	•	•	•	•	•	•	1.25	6.58	6.76	0.16	•	•	•	•	14.75
12 - 14 ft	•	•	•	•	•	•	•	•	0.47	2.86	2.35	•	•	•	•	•	5.68
14 - 16 ft	•	•	•	•	•	•	•	•	0.40	1.13	0.95	•	•	•	•	•	2.48
16 - 18 ft	•	•	•	•	•	•	•	•	0.13	0.36	0.18	•	•	•	•	•	0.68
> 18 ft	•	•	•	•	•	•	•	•	•	0.09	0.07	•	•	•	•	•	0.16
Total	•	•	•	•	0.03	•	•	0.10	8.52	34.25	55.45	1.65	•	•	•	•	100.00

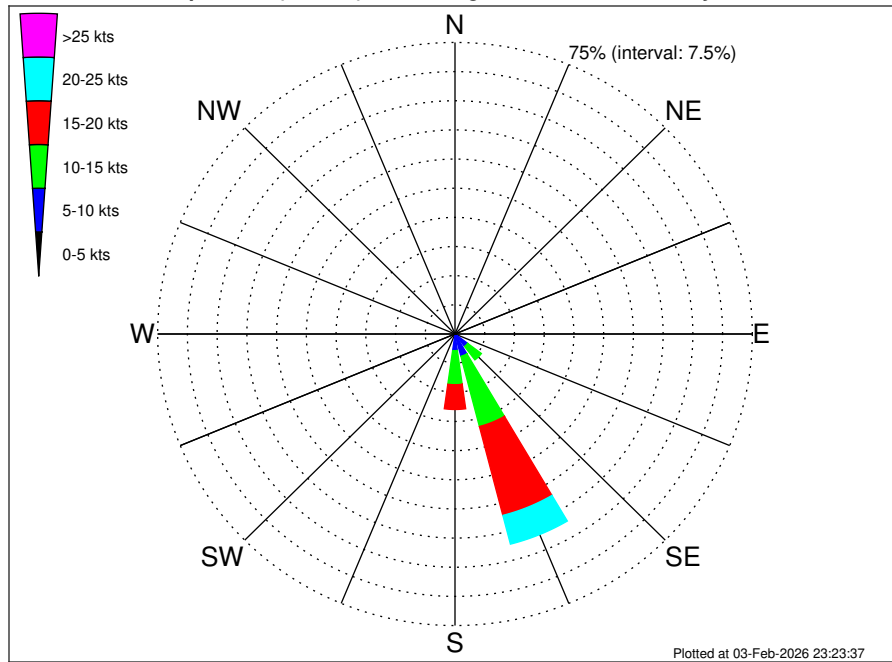
Angola Namibia CRS Swakopmunds (BU-SW) Climatological WavePeriod Rose for May: 1979 - 2015



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	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
4 - 6 sec	•	•	•	•	0.03	•	•	0.09	0.08	•	•	•	•	•	•	•	0.20
6 - 8 sec	•	•	•	•	•	•	•	0.01	1.25	•	•	•	•	•	•	•	1.26
8 - 10 sec	•	•	•	•	•	•	•	•	3.13	1.34	0.52	0.10	•	•	•	•	5.10
10 - 12 sec	•	•	•	•	•	•	•	•	2.47	11.23	14.32	0.64	•	•	•	•	28.66
12 - 14 sec	•	•	•	•	•	•	•	•	1.08	13.67	26.30	0.57	•	•	•	•	41.62
14 - 16 sec	•	•	•	•	•	•	•	•	0.38	6.20	10.91	0.27	•	•	•	•	17.77
18 - 20 sec	•	•	•	•	•	•	•	•	0.12	1.65	2.85	0.07	•	•	•	•	4.68
22 - 24 sec	•	•	•	•	•	•	•	•	0.01	0.16	0.55	•	•	•	•	•	0.72
Total	•	•	•	•	0.03	•	•	0.10	8.52	34.25	55.45	1.65	•	•	•	•	100.00

Angola Namibia CRS Swakopmunds (BU-SW) 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	0.03	•	•	•	•	•	•	•	•	0.01	•	0.03	•	•	0.03	0.01	0.10
0 - 5 kts	0.18	0.18	0.21	0.33	0.47	0.49	0.73	0.61	0.55	0.43	0.35	0.23	0.08	0.12	0.09	0.08	5.12
5 - 10 kts	0.16	0.29	0.39	0.56	0.73	1.18	3.28	5.31	3.75	1.40	0.42	0.16	0.22	0.09	0.17	0.17	18.26
10 - 15 kts	0.03	0.07	0.12	0.36	0.36	0.68	4.33	18.65	8.75	1.40	0.27	0.10	0.01	0.05	0.16	0.05	35.41
15 - 20 kts	0.04	•	•	0.04	0.07	0.07	1.60	23.62	6.37	0.18	0.01	0.01	•	•	0.07	0.04	32.11
20 - 25 kts	•	•	•	•	•	•	0.07	7.65	0.59	•	•	•	•	•	•	•	8.30
25 - 30 kts	•	•	•	•	•	•	•	0.62	0.07	•	•	•	•	•	•	•	0.69
30 - 35 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
35 - 40 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
40 - 45 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
45 - 50 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	0.43	0.53	0.72	1.29	1.63	2.42	10.00	56.46	20.07	3.43	1.05	0.53	0.31	0.26	0.51	0.35	100.00