

Angola Namibia CRS Mocamedes (BU-MO) - May

Latitude: 15.12 S Longitude: 11.03 E

Weather Days

Wave Height > 5.0 ft Mean: 21.9 days Range: 18.0 - 25.8 days p50:22.5 days p75:19 days p90:17 days
Wave Height > 6.5 ft Mean: 13.0 days Range: 8.9 - 17.0 days p50:12.5 days p75:11.5 days p90:8 days
Wave Height > 8.0 ft Mean: 5.9 days Range: 2.8 - 9.0 days p50:6.5 days p75:4 days p90:3 days

Wind Speed > 15.0 knots Mean: 13.4 days Range: 10.4 - 16.5 days p50:13.5 days p75:11.5 days p90:9.5 days
Wind Speed > 20.0 knots Mean: 2.5 days Range: 0.7 - 4.3 days p50:2.5 days p75:1 days p90:1 days
Wind Speed > 25.0 knots Mean: 0.1 days Range: 0.0 - 0.3 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 0.1 times per month
Wave Height < 6.5 ft	A 1 day or longer window will statistically occur 2.2 times per month A 2 day or longer window will statistically occur 1.2 times per month A 3 day or longer window will statistically occur 0.7 times per month
Wave Height < 8.0 ft	A 1 day or longer window will statistically occur 3.6 times per month A 2 day or longer window will statistically occur 2.7 times per month A 3 day or longer window will statistically occur 1.7 times per month

Waves

Mean Height: 6 - 8 ft
The wave heights will occasionally reach 12 - 14 ft, but rarely higher.
Mean Period: 12 - 14 sec
The wave periods will occasionally reach 22 - 24 sec, but rarely longer.
Principle Direction, from: SSW
WindSea/Swell: 6% / 94%

Winds

Mean Speed: 10 - 15 kts
The winds will occasionally reach 20 - 25 kts, but rarely greater.
Principle Direction, from: S

Currents

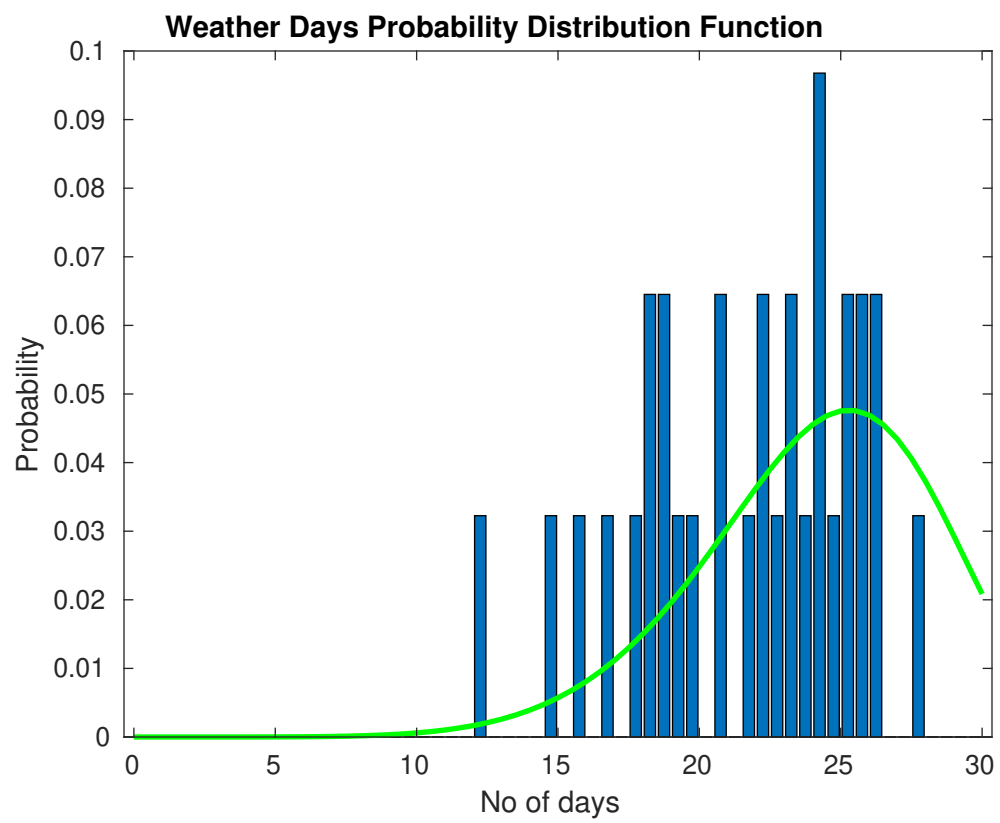
Mean Speed: 0.25-0.50 kts
The currents will occasionally reach 0.75-1.00 kts, but rarely greater.
Principle Direction, to: NNW

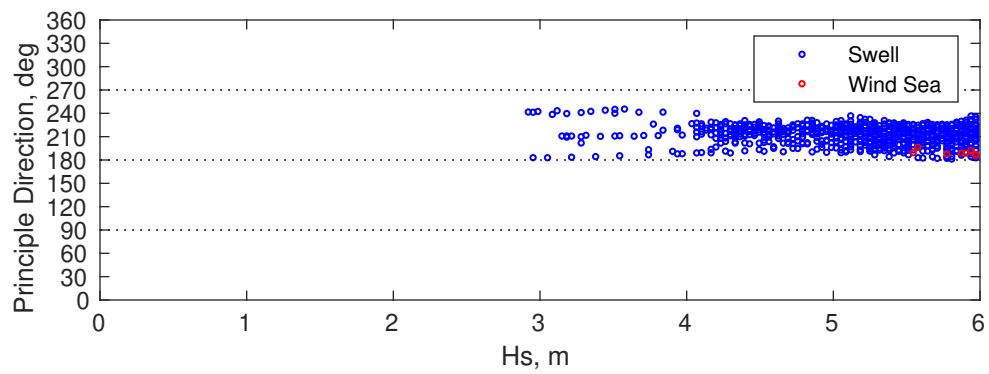
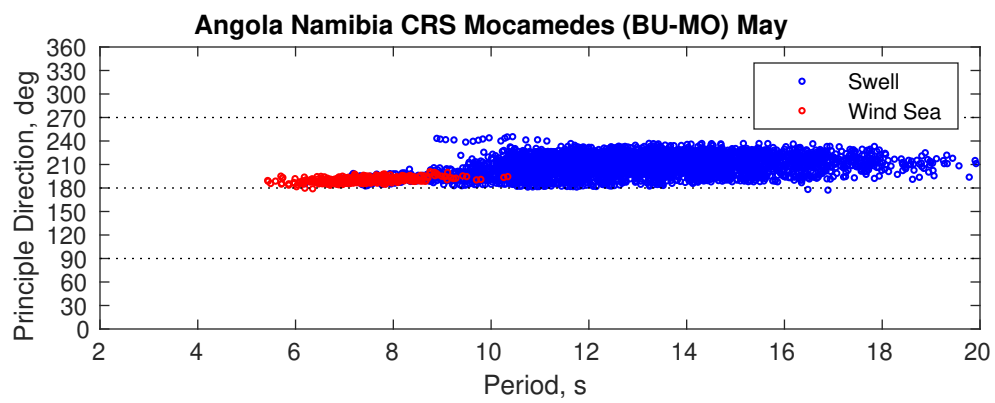
Weather Days

Current Speed > 0.5 knots Mean: 4.9 days Range: 0.9 - 8.9 days p50:7 days p75:2 days p90:1 days
Current Speed > 1.0 knots Mean: 0.1 days Range: 0.0 - 0.4 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

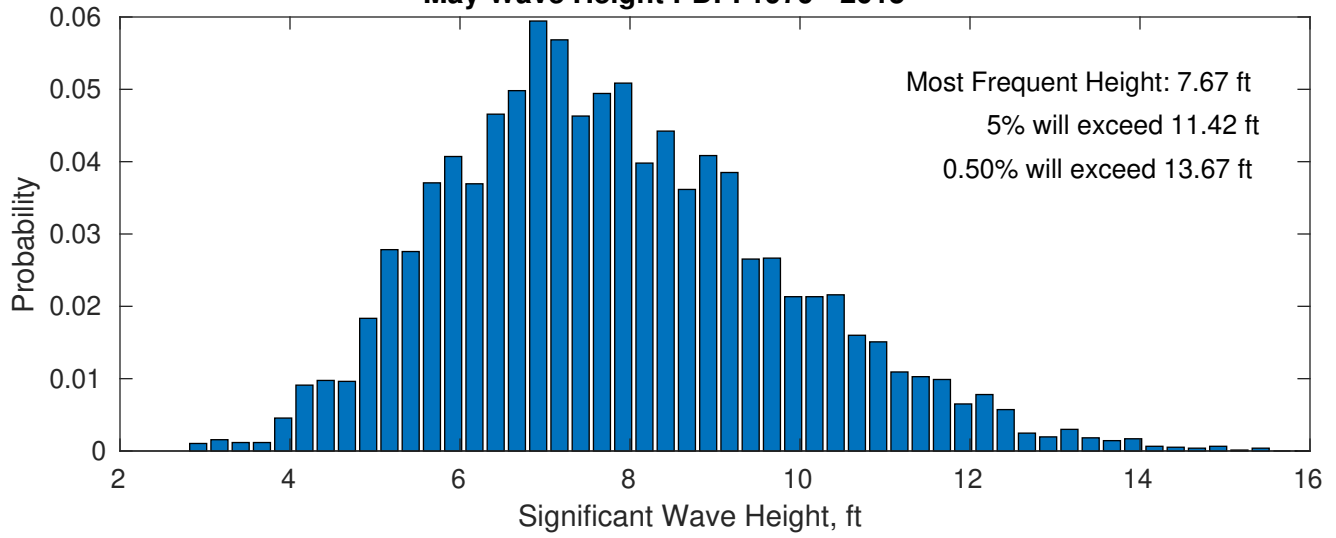
Severe Storms

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

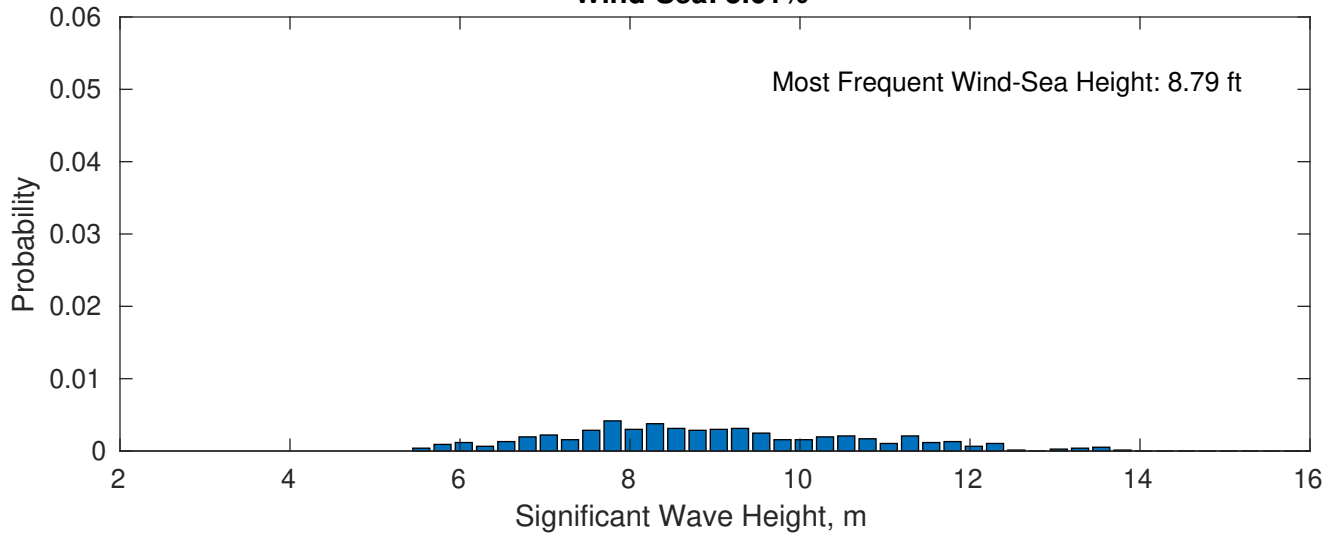




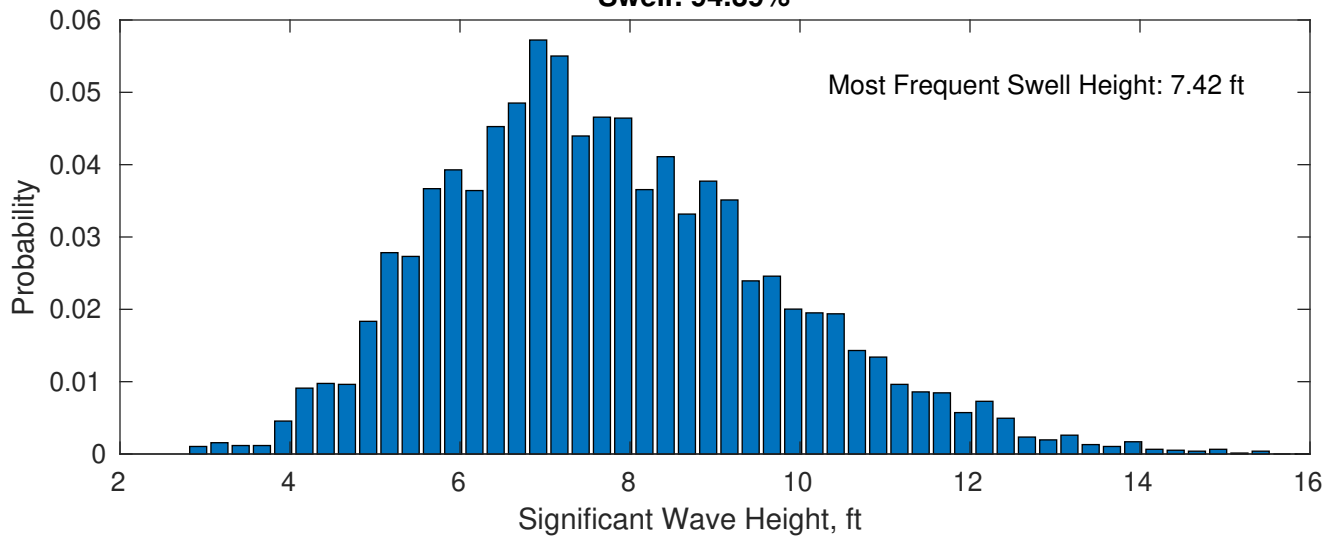
May Wave Height PDF: 1979 - 2015



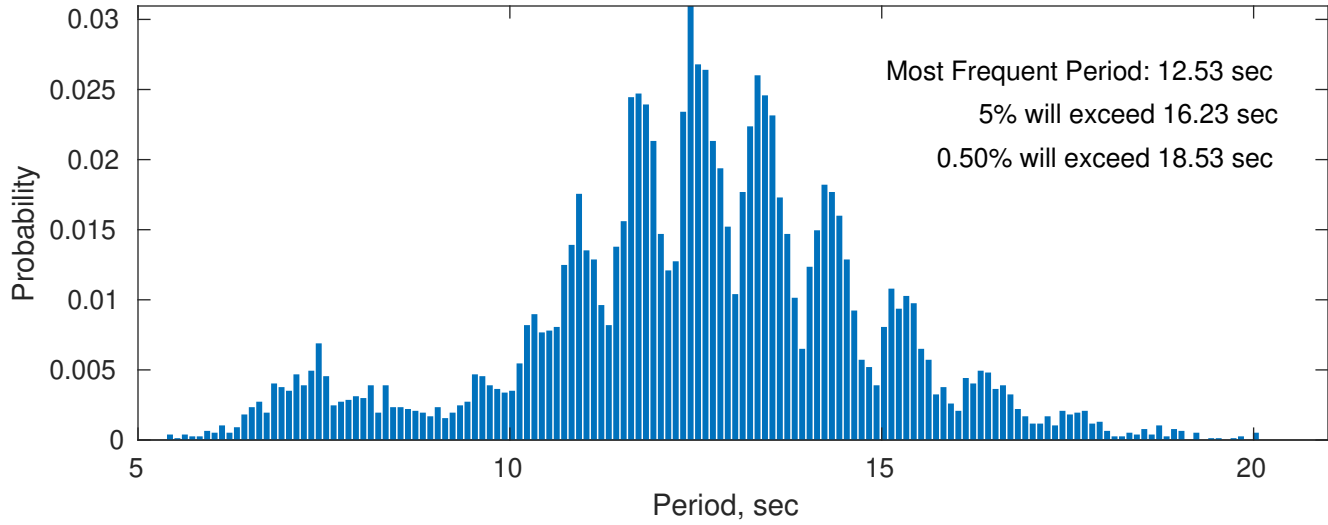
Wind-Sea: 5.61%



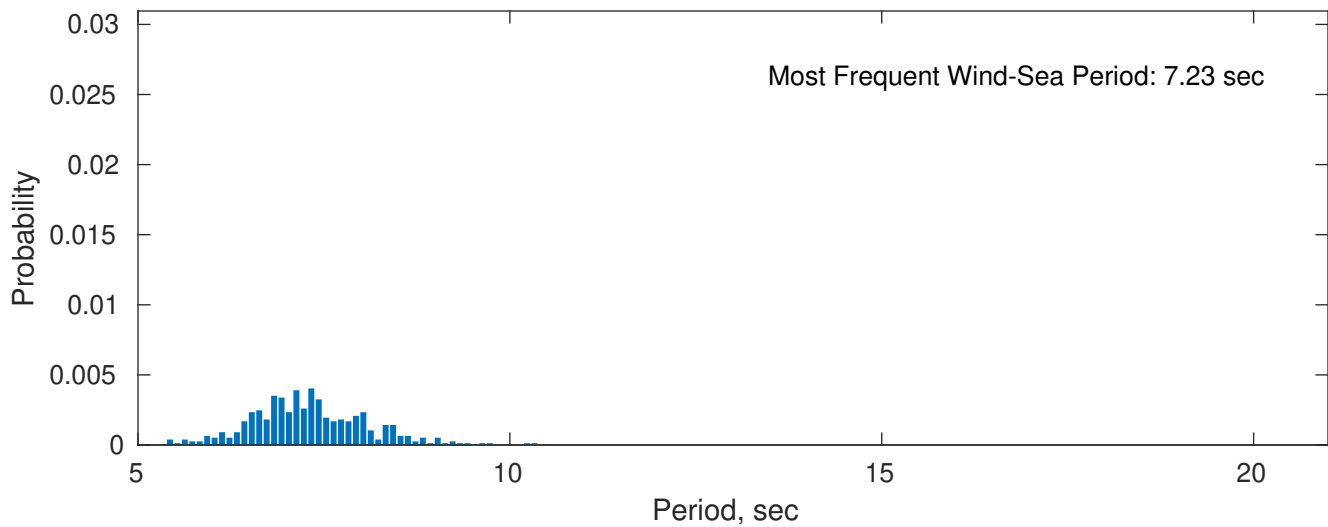
Swell: 94.39%



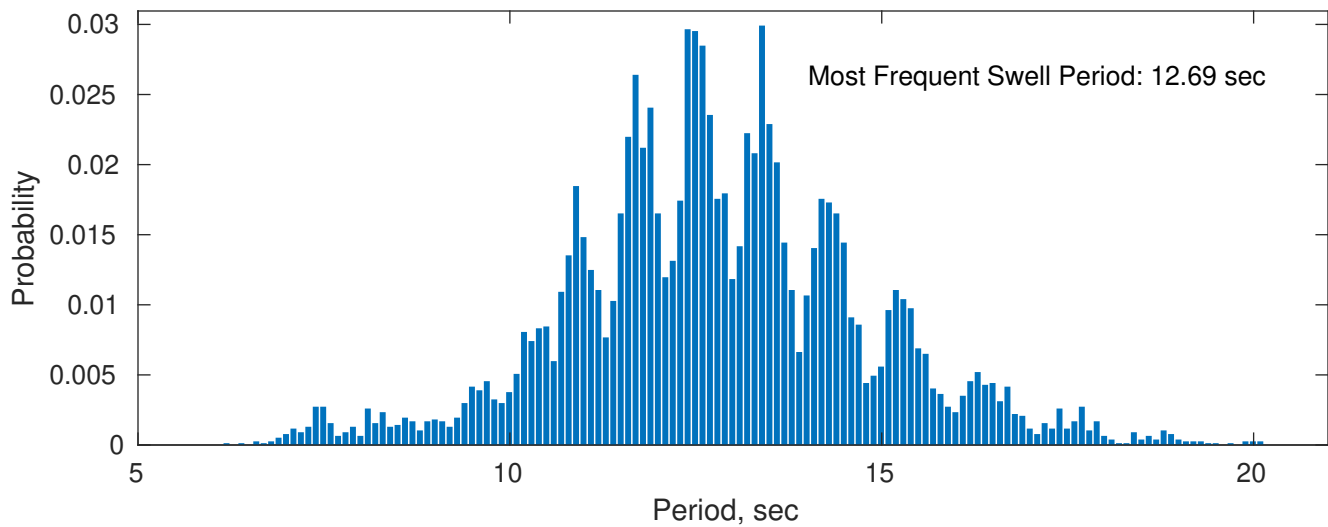
May Peak Wave Period PDF: 1979 - 2015



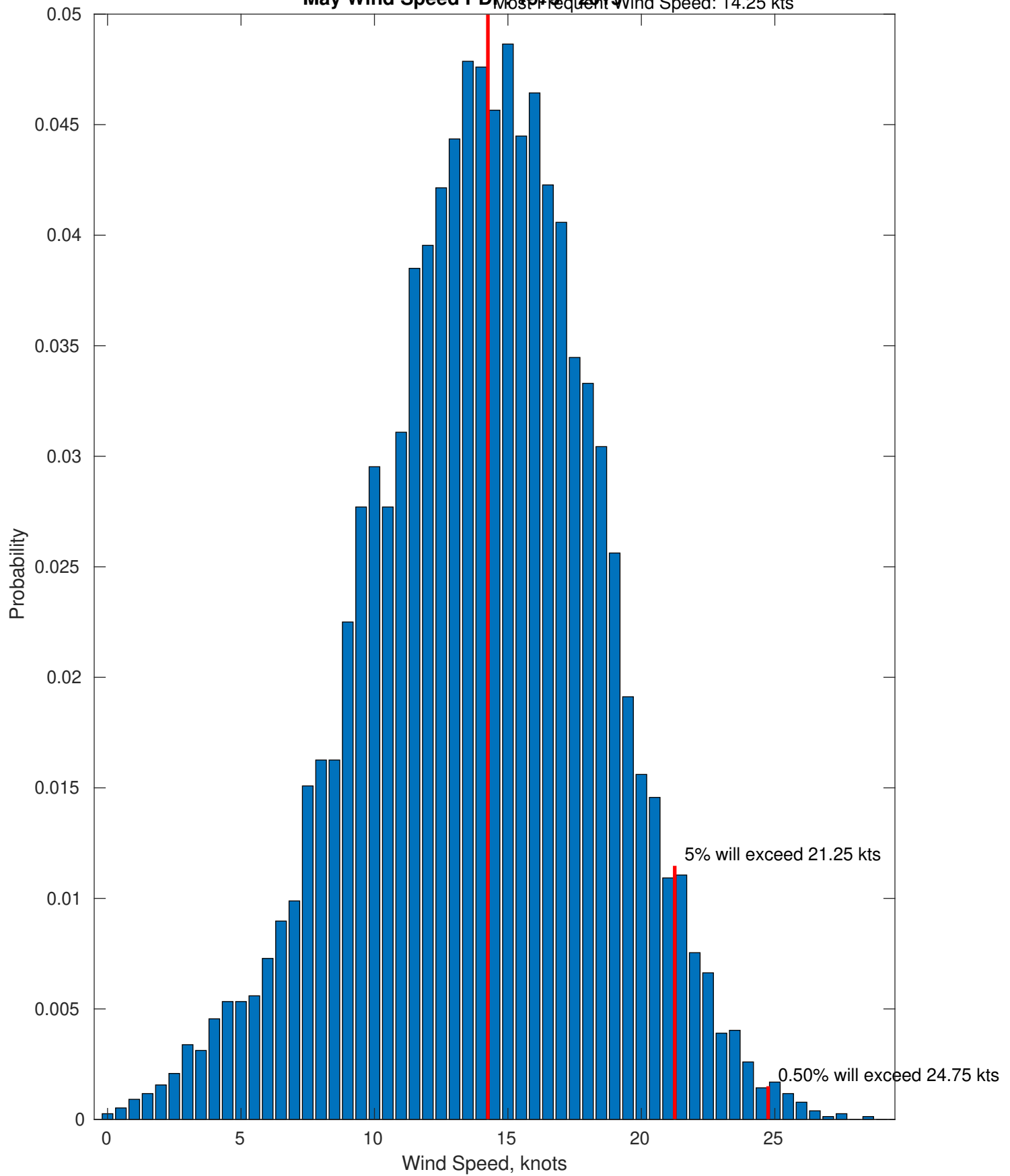
Wind-Sea: 5.61%



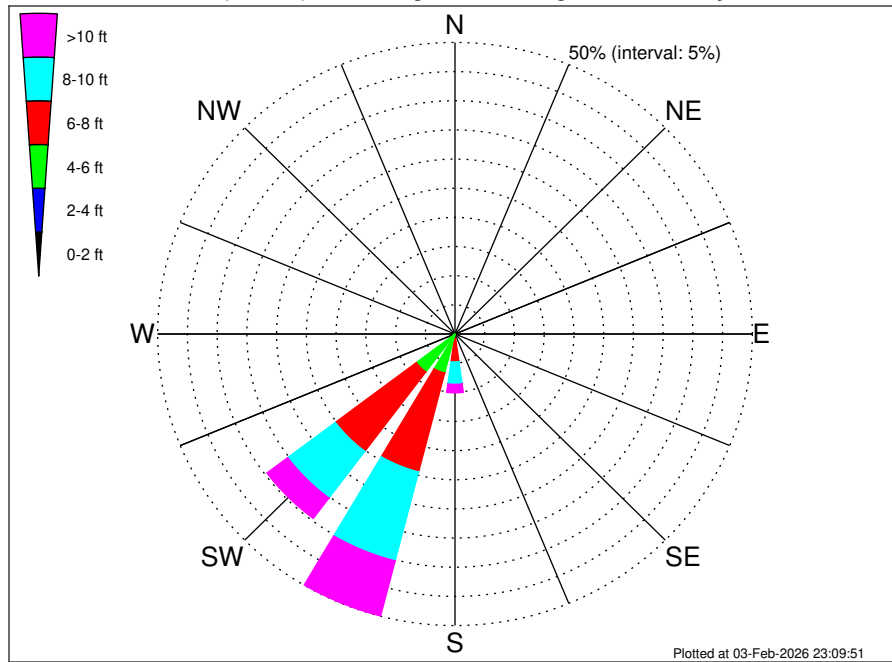
Swell: 94.39%



May Wind Speed PDF: 1979-2015



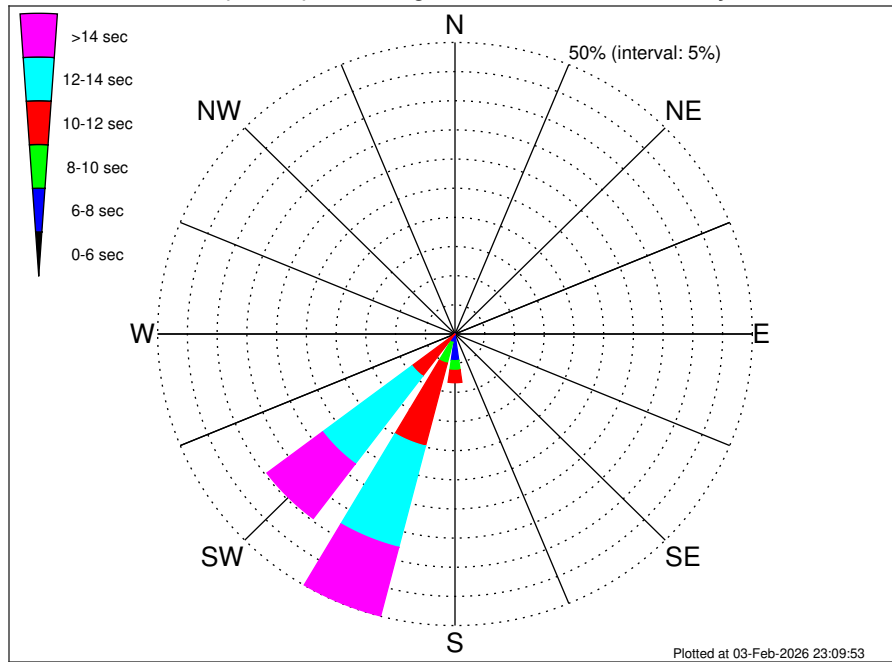
Angola Namibia CRS Mocamedes (BU-MO) Climatological WaveHeight Rose for May: 1979 - 2015



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	.	.	.	.	.	.	.	.	0.12	0.20	0.05	0.20	.	.	.	.	0.56
4 - 6 ft	.	.	.	.	.	.	.	.	0.66	6.72	8.10	0.05	.	.	.	.	15.54
6 - 8 ft	.	.	.	.	.	.	.	.	4.01	17.51	17.04	0.10	.	.	.	.	38.66
8 - 10 ft	.	.	.	.	.	.	.	.	3.85	15.75	10.03	.	.	.	.	.	29.63
10 - 12 ft	.	.	.	.	.	.	.	.	1.27	7.28	3.76	.	.	.	.	.	12.32
12 - 14 ft	.	.	.	.	.	.	.	.	0.18	2.11	0.60	.	.	.	.	.	2.89
14 - 16 ft	.	.	.	.	.	.	.	.	.	0.38	0.03	.	.	.	.	.	0.40
16 - 18 ft	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
> 18 ft	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Total	.	.	.	.	.	.	.	.	10.09	49.95	39.61	0.35	.	.	.	.	100.00

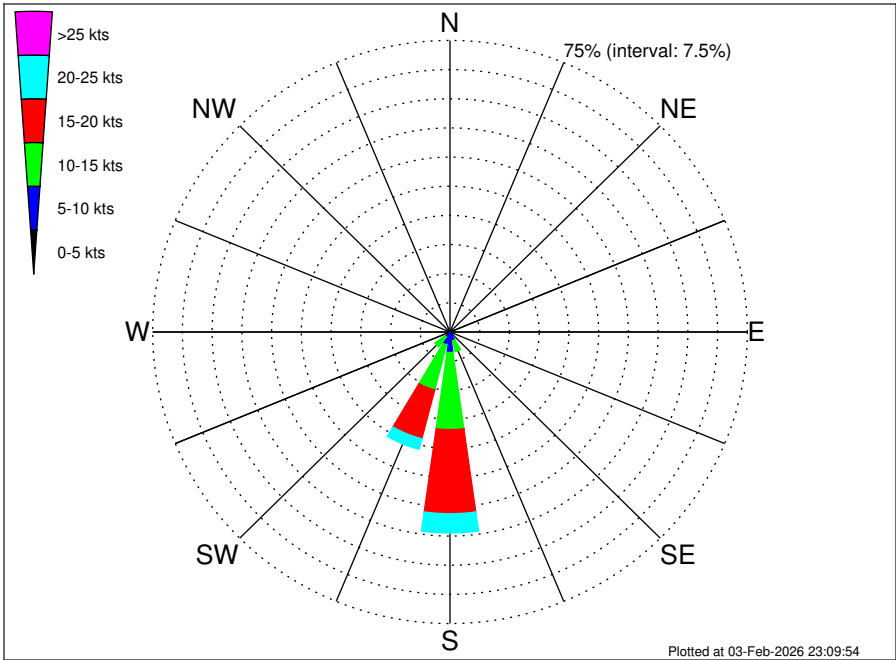
Angola Namibia CRS Mocamedes (BU-MO) Climatological WavePeriod Rose for May: 1979 - 2015



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	•	•	•	•	•	•	•	•	0.14	0.05	•	•	•	•	•	•	0.20
6 - 8 sec	•	•	•	•	•	•	•	•	4.44	1.44	•	•	•	•	•	•	5.88
8 - 10 sec	•	•	•	•	•	•	•	•	1.68	3.71	0.07	0.12	•	•	•	•	5.57
10 - 12 sec	•	•	•	•	•	•	•	•	2.09	14.66	8.99	0.10	•	•	•	•	25.85
12 - 14 sec	•	•	•	•	•	•	•	•	1.08	17.94	18.83	0.04	•	•	•	•	37.89
14 - 16 sec	•	•	•	•	•	•	•	•	0.57	9.20	8.91	0.08	•	•	•	•	18.76
18 - 20 sec	•	•	•	•	•	•	•	•	0.08	2.50	2.50	0.01	•	•	•	•	5.09
22 - 24 sec	•	•	•	•	•	•	•	•	0.01	0.46	0.31	•	•	•	•	•	0.78
Total	•	•	•	•	•	•	•	•	10.09	49.95	39.61	0.35	•	•	•	•	100.00

Angola Namibia CRS Mocamedes (BU-MO) 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	•	•	•	0.01	0.01	•	0.03	0.01	•	•	0.01	•	•	•	•	•	0.08
0 - 5 kts	0.01	0.03	0.09	0.10	0.10	0.18	0.22	0.30	0.42	0.14	0.22	0.13	0.08	0.08	0.08	0.03	2.21
5 - 10 kts	•	•	•	0.03	0.07	0.35	0.61	2.02	4.85	3.25	1.40	0.62	0.20	0.03	0.05	0.01	13.49
10 - 15 kts	•	•	•	•	0.04	0.23	0.75	2.91	19.84	11.99	3.12	0.36	0.14	•	•	•	39.40
15 - 20 kts	•	•	•	•	•	•	0.05	0.60	21.64	12.97	1.22	0.04	0.01	•	•	•	36.54
20 - 25 kts	•	•	•	•	•	•	•	0.07	4.96	2.81	•	•	•	•	•	•	7.83
25 - 30 kts	•	•	•	•	•	•	•	•	0.31	0.14	•	•	•	•	•	•	0.46
30 - 35 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
35 - 40 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
40 - 45 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
45 - 50 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	0.01	0.03	0.09	0.14	0.22	0.77	1.66	5.91	52.02	31.31	5.98	1.16	0.43	0.10	0.13	0.04	100.00