

Angola Namibia CRS Mocamedes (BU-MO) - November

Latitude: 15.12 S Longitude: 11.03 E

Weather Days

Wave Height > 5.0 ft Mean: 19.4 days Range: 16.6 - 22.2 days p50:20 days p75:18 days p90:16 days
Wave Height > 6.5 ft Mean: 9.3 days Range: 5.9 - 12.6 days p50:9 days p75:6.5 days p90:5 days
Wave Height > 8.0 ft Mean: 3.5 days Range: 0.9 - 6.1 days p50:4 days p75:2.5 days p90:1 days

Wind Speed > 15.0 knots Mean: 5.8 days Range: 3.3 - 8.2 days p50:6 days p75:4 days p90:3 days
Wind Speed > 20.0 knots Mean: 0.7 days Range: 0.1 - 1.3 days p50:0.5 days p75:0.5 days p90:0.5 days
Wind Speed > 25.0 knots Mean: 0.0 days Range: 0.0 - 0.1 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 1.0 times per month A 2 day or longer window will statistically occur 0.3 times per month A 3 day or longer window will statistically occur 0.2 times per month
Wave Height < 6.5 ft	A 1 day or longer window will statistically occur 3.1 times per month A 2 day or longer window will statistically occur 2.3 times per month A 3 day or longer window will statistically occur 1.4 times per month
Wave Height < 8.0 ft	A 1 day or longer window will statistically occur 3.5 times per month A 2 day or longer window will statistically occur 2.8 times per month A 3 day or longer window will statistically occur 2.2 times per month

Waves

Mean Height: 6 - 8 ft
The wave heights will occasionally reach 12 - 14 ft, but rarely higher.
Mean Period: 10 - 12 sec
The wave periods will occasionally reach 18 - 20 sec, but rarely longer.
Principle Direction, from: SSW
WindSea/Swell: 4% / 96%

Winds

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

Currents

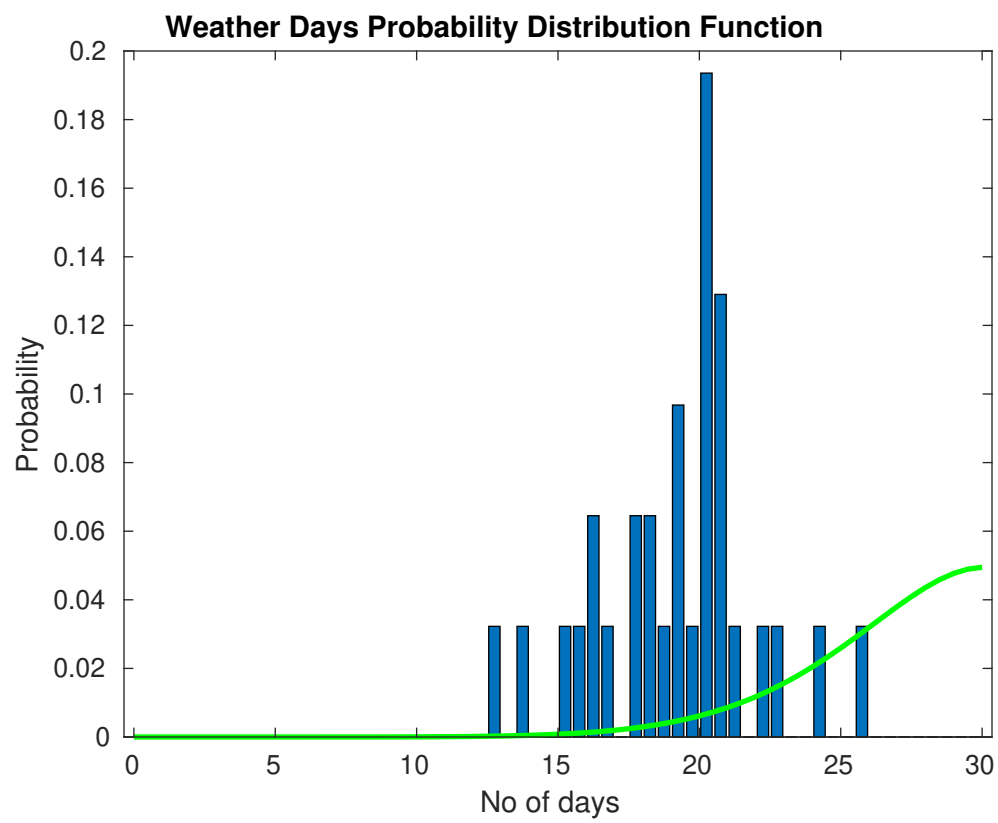
Mean Speed: 0.25-0.50 kts
The currents will occasionally reach 1.00-1.25 kts, but rarely greater.
Principle Direction, to: SSW

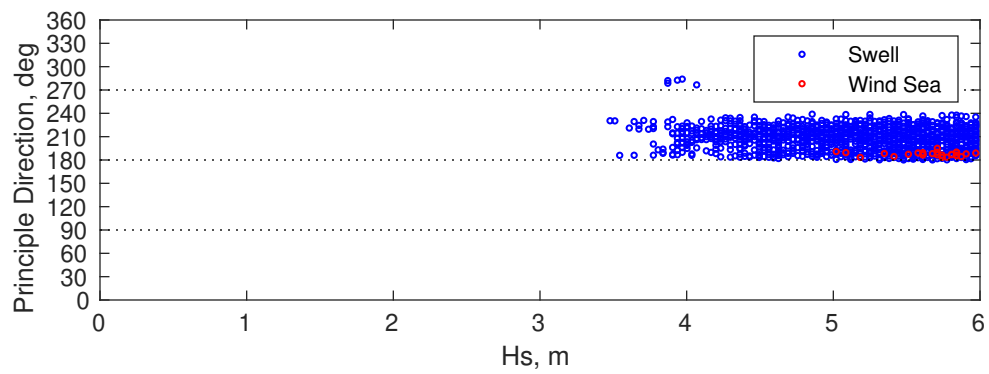
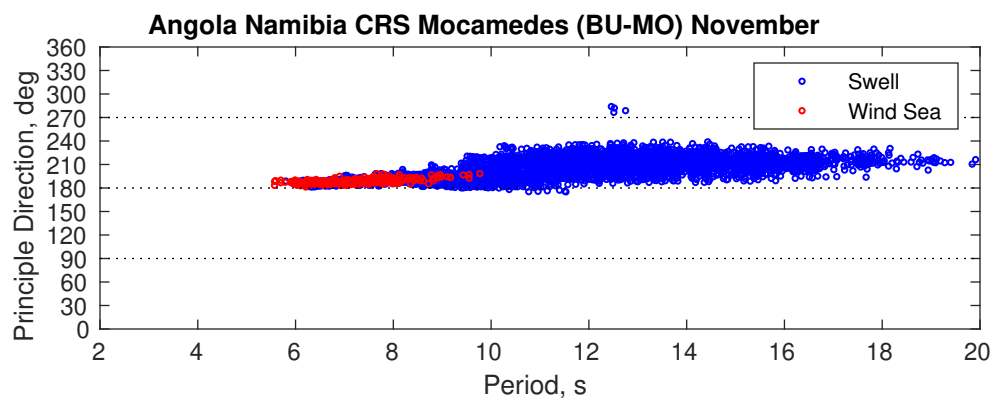
Weather Days

Current Speed > 0.5 knots Mean: 10.1 days Range: 5.2 - 14.9 days p50:13 days p75:6 days p90:6 days
Current Speed > 1.0 knots Mean: 0.3 days Range: 0.0 - 0.9 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

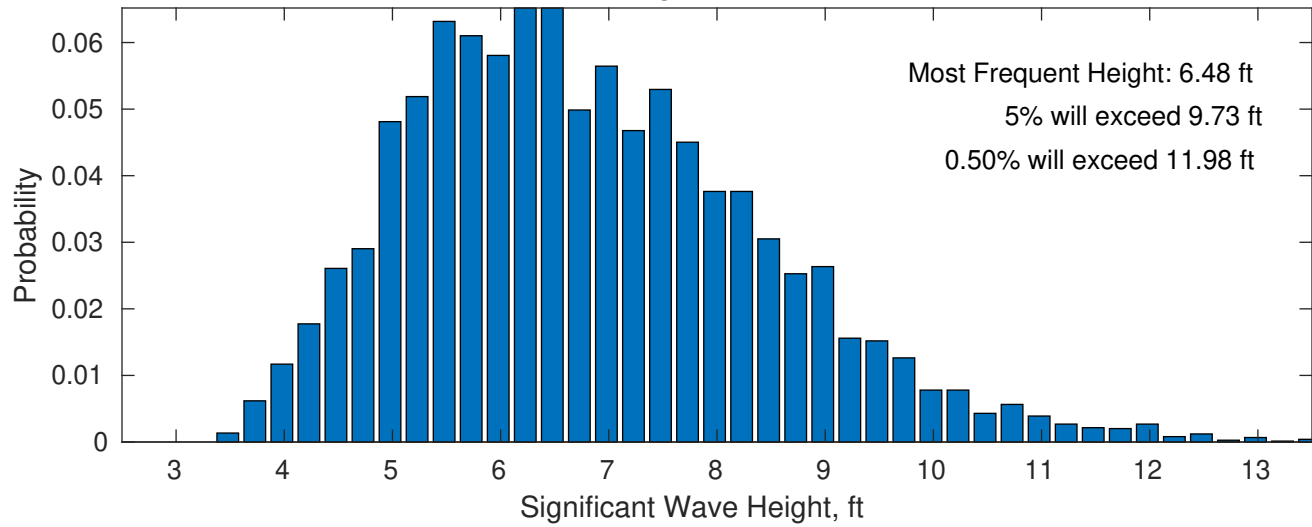
Severe Storms

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

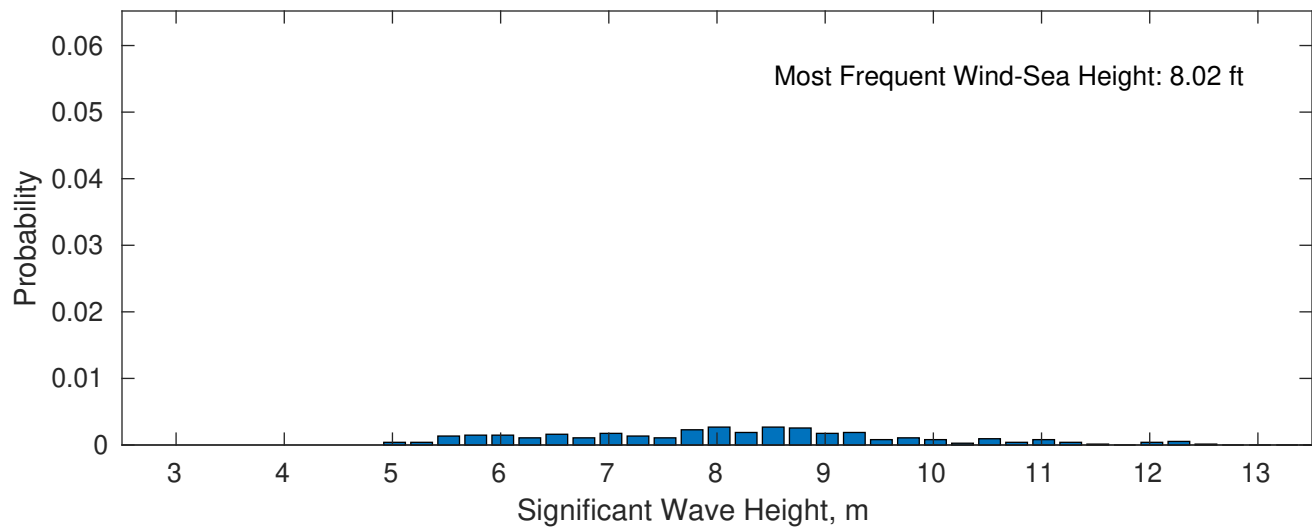




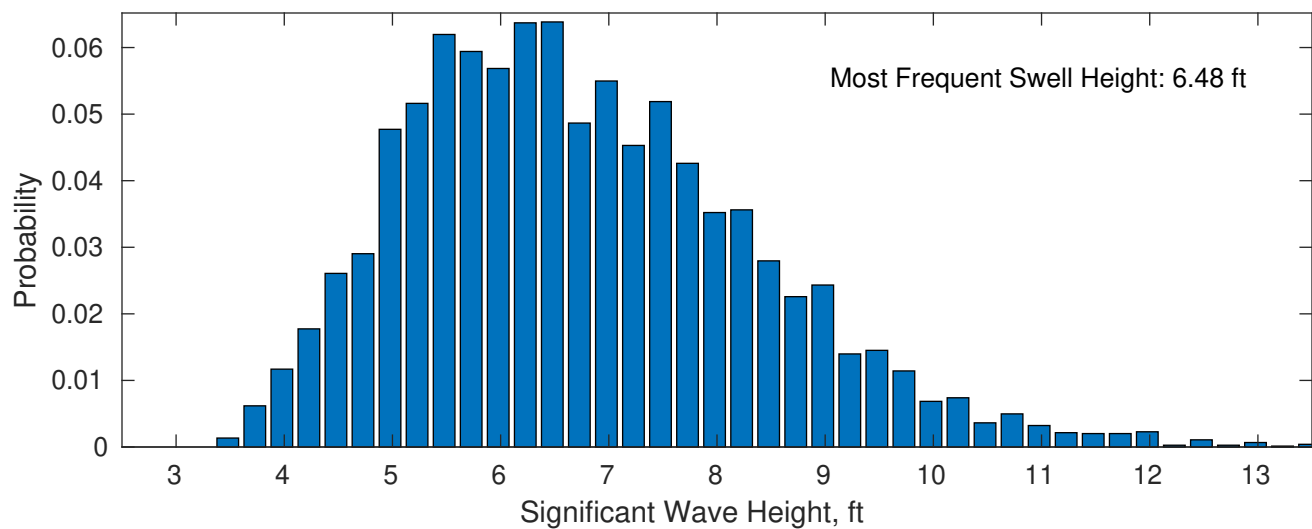
November Wave Height PDF: 1979 - 2015



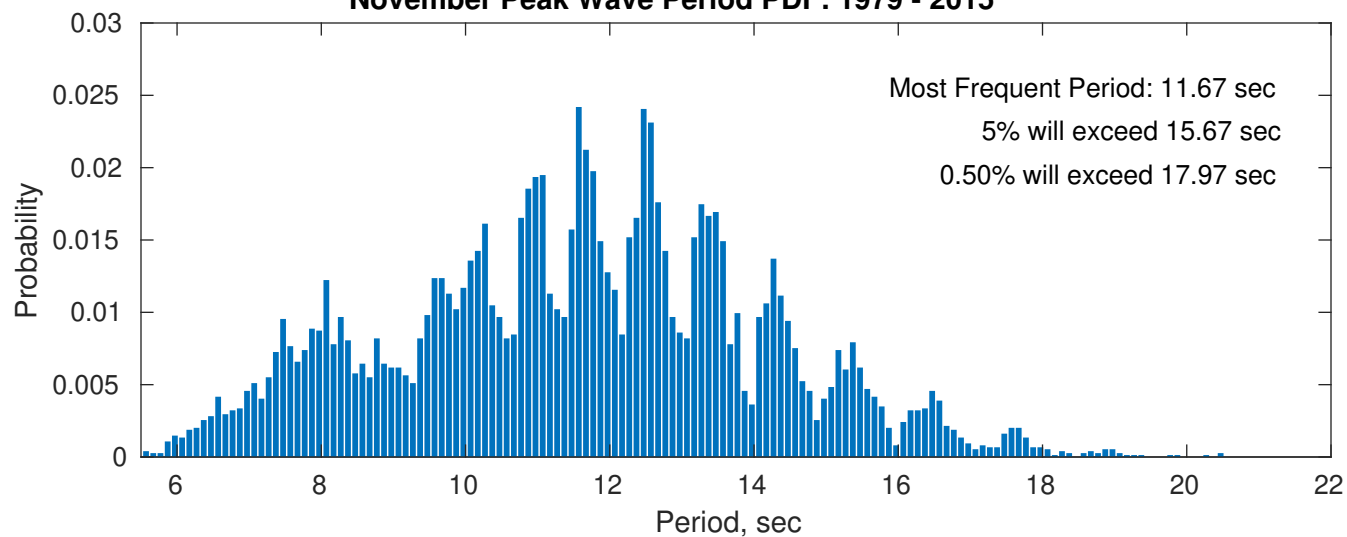
Wind-Sea: 3.55%



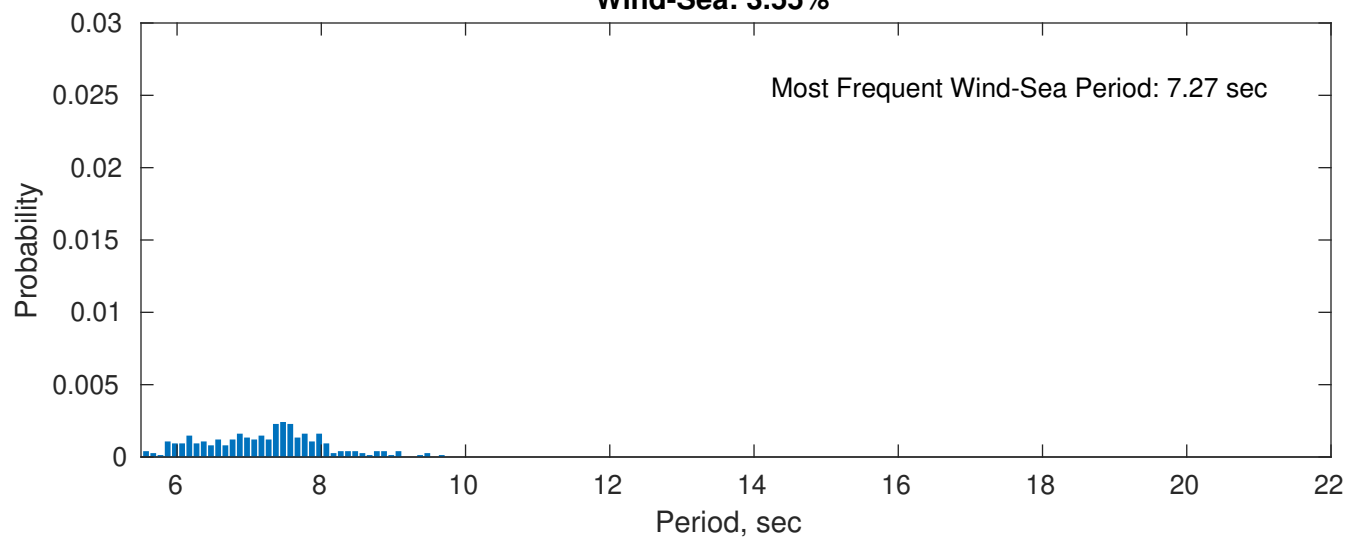
Swell: 96.45%



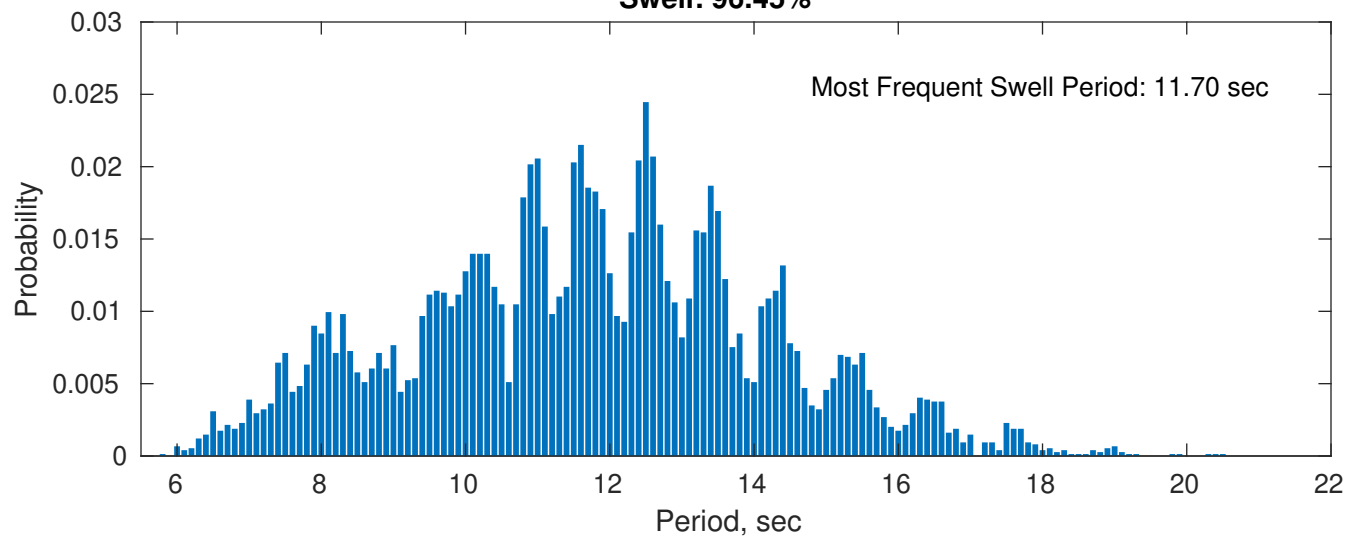
November Peak Wave Period PDF: 1979 - 2015



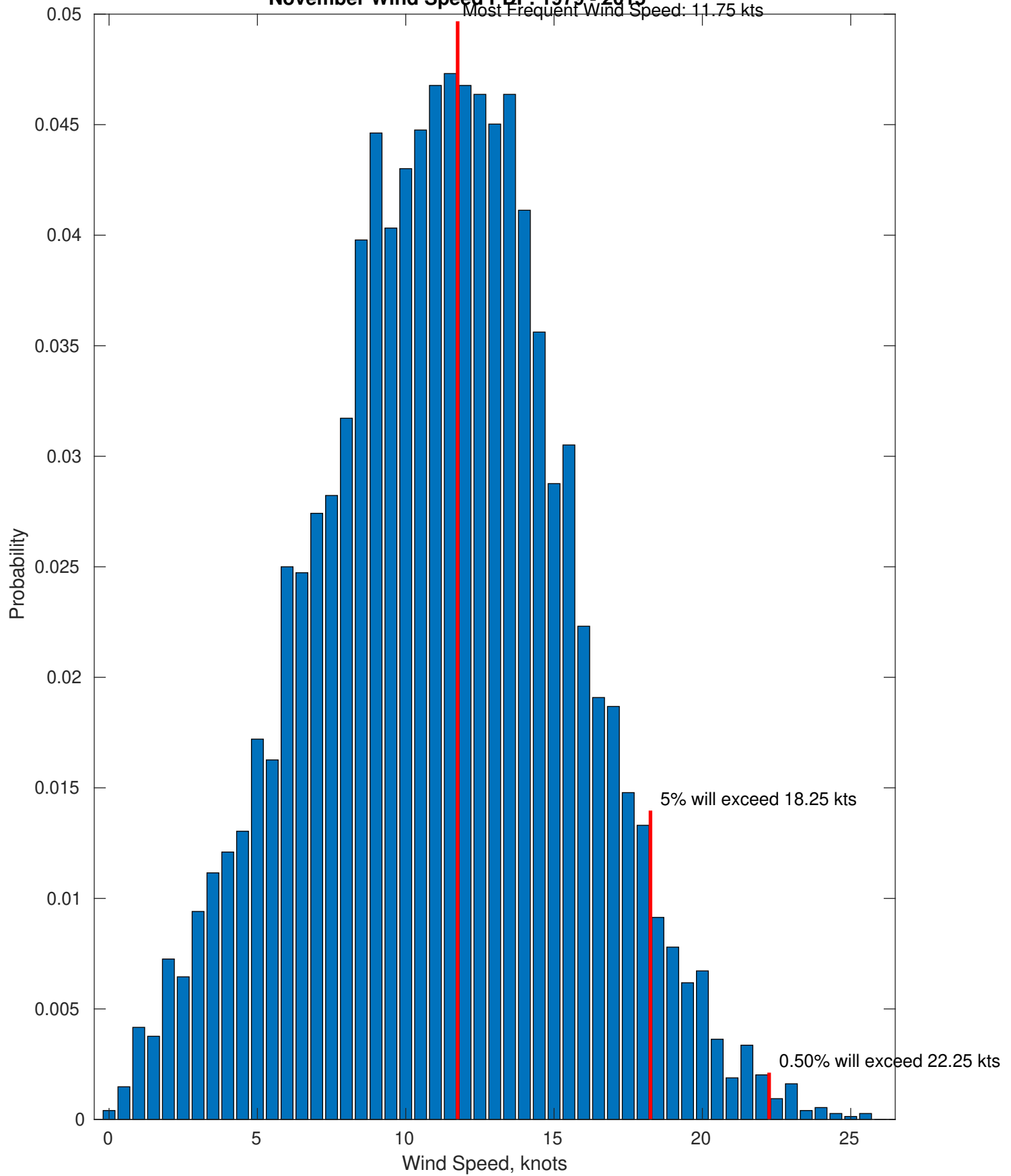
Wind-Sea: 3.55%



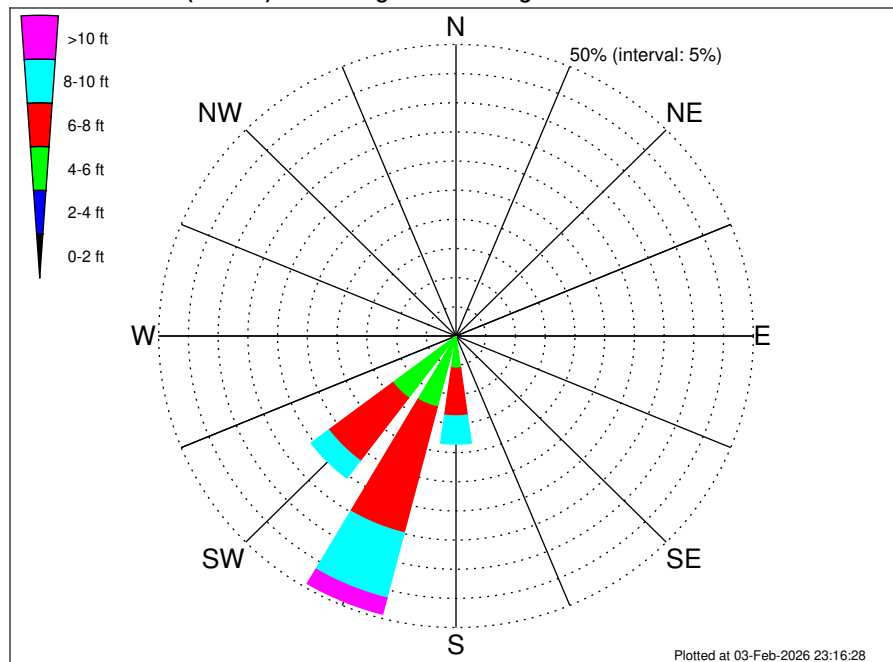
Swell: 96.45%



November Wind Speed PDF: 1979 - 2015



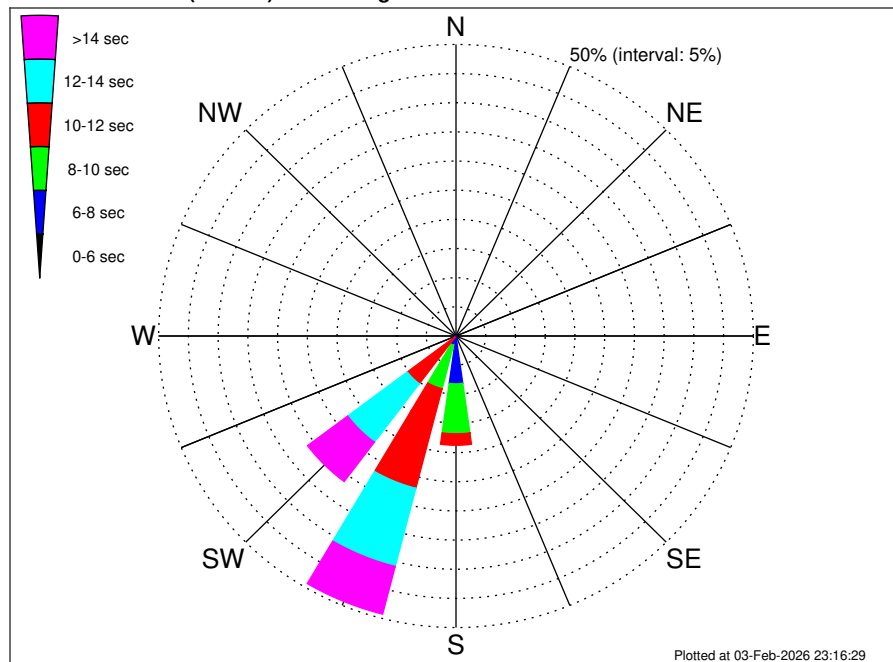
Angola Namibia CRS Mocamedes (BU-MO) Climatological WaveHeight Rose for November: 1979 - 2015



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	0.19	0.38	•	0.01	0.05	•	•	0.75
4 - 6 ft	•	•	•	•	•	•	•	•	5.42	12.41	12.92	0.12	0.01	•	•	•	30.87
6 - 8 ft	•	•	•	•	•	•	•	•	8.17	22.28	13.49	•	•	•	•	•	43.95
8 - 10 ft	•	•	•	•	•	•	•	•	4.83	11.55	3.71	•	•	•	•	•	20.08
10 - 12 ft	•	•	•	•	•	•	•	•	0.62	2.49	0.52	•	•	•	•	•	3.63
12 - 14 ft	•	•	•	•	•	•	•	•	0.12	0.35	0.16	•	•	•	•	•	0.63
14 - 16 ft	•	•	•	•	•	•	•	•	•	0.01	0.07	•	•	•	•	•	0.08
16 - 18 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
> 18 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	•	•	•	•	•	•	•	•	19.27	49.27	31.25	0.12	0.03	0.05	•	•	100.00

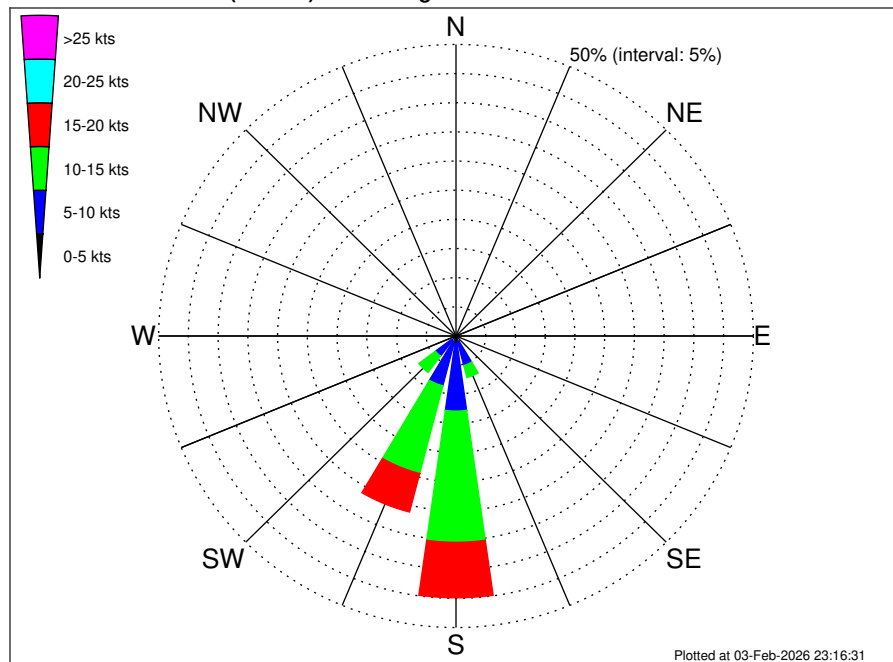
Angola Namibia CRS Mocamedes (BU-MO) Climatological WavePeriod Rose for November: 1979 - 2015



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	•	•	•	•	•	•	•	•	0.27	•	•	•	•	•	•	•	0.27
6 - 8 sec	•	•	•	•	•	•	•	•	7.94	1.61	•	•	•	•	•	•	9.56
8 - 10 sec	•	•	•	•	•	•	•	•	8.56	7.73	0.27	•	•	•	•	•	16.56
10 - 12 sec	•	•	•	•	•	•	•	•	1.96	17.63	9.99	•	•	•	•	•	29.58
12 - 14 sec	•	•	•	•	•	•	•	•	0.39	13.84	12.55	0.09	0.03	0.05	•	•	26.96
14 - 16 sec	•	•	•	•	•	•	•	•	0.15	6.44	6.12	0.03	•	•	•	•	12.73
18 - 20 sec	•	•	•	•	•	•	•	•	•	1.79	2.06	•	•	•	•	•	3.84
22 - 24 sec	•	•	•	•	•	•	•	•	•	0.23	0.27	•	•	•	•	•	0.50
Total	•	•	•	•	•	•	•	•	19.27	49.27	31.25	0.12	0.03	0.05	•	•	100.00

Angola Namibia CRS Mocamedes (BU-MO) Climatological Wind Rose for November: 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	0.03	•	0.03	•	•	0.01	•	0.03	0.01	0.03	•	0.19
0 - 5 kts	0.15	0.08	0.05	0.12	0.16	0.31	0.58	0.99	1.33	1.06	0.97	0.32	0.28	0.13	0.08	0.11	6.73
5 - 10 kts	0.04	0.05	0.05	0.07	0.05	0.24	0.58	4.19	11.55	7.76	3.35	1.10	0.35	0.08	0.03	0.04	29.53
10 - 15 kts	0.01	0.01	•	•	•	0.01	0.09	2.12	22.50	15.54	3.48	0.50	0.04	•	•	•	44.31
15 - 20 kts	•	•	•	•	•	•	•	0.17	9.52	6.83	0.51	0.03	•	•	•	•	17.06
20 - 25 kts	•	•	•	•	•	•	•	•	1.09	1.05	•	•	•	•	•	•	2.14
25 - 30 kts	•	•	•	•	•	•	•	•	0.01	0.03	•	•	•	•	•	•	0.04
30 - 35 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
35 - 40 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
40 - 45 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
45 - 50 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	0.22	0.15	0.11	0.20	0.24	0.59	1.25	7.51	45.99	32.26	8.32	1.95	0.70	0.23	0.13	0.15	100.00