

Angola Namibia CRS Mocamedes (BU-MO) - February

Latitude: 15.12 S Longitude: 11.03 E

Weather Days

Wave Height > 5.0 ft Mean: 12.3 days Range: 7.4 - 17.2 days p50:11.5 days p75:8.5 days p90:7 days
Wave Height > 6.5 ft Mean: 3.2 days Range: 0.4 - 6.1 days p50:3.5 days p75:2 days p90:1 days
Wave Height > 8.0 ft Mean: 0.6 days Range: 0.0 - 1.5 days p50:30 days p75:1.5 days p90:0.5 days

Wind Speed > 15.0 knots Mean: 2.9 days Range: 0.9 - 5.0 days p50:2.5 days p75:1.5 days p90:1 days
Wind Speed > 20.0 knots Mean: 0.2 days Range: 0.0 - 0.5 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 2.0 times per month A 2 day or longer window will statistically occur 1.3 times per month A 3 day or longer window will statistically occur 0.7 times per month
Wave Height < 6.5 ft	A 1 day or longer window will statistically occur 2.9 times per month A 2 day or longer window will statistically occur 2.4 times per month A 3 day or longer window will statistically occur 1.9 times per month
Wave Height < 8.0 ft	A 1 day or longer window will statistically occur 1.9 times per month A 2 day or longer window will statistically occur 1.7 times per month A 3 day or longer window will statistically occur 1.5 times per month

Waves

Mean Height: 4 - 6 ft
The wave heights will occasionally reach 10 - 12 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: 1% / 99%

Winds

Mean Speed: 5 - 10 kts
The winds will occasionally reach 15 - 20 kts, but rarely greater.
Principle Direction, from: S

Currents

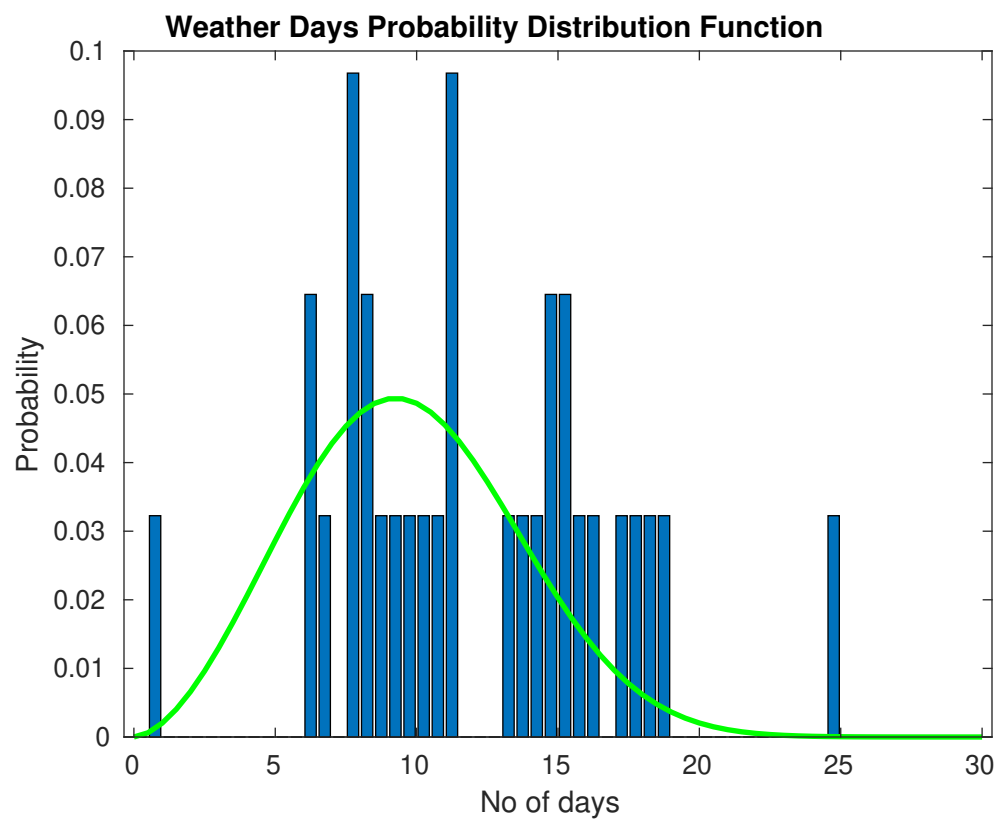
Mean Speed: 0.25-0.50 kts
The currents will occasionally reach 0.75-1.00 kts, but rarely greater.
Principle Direction, to: SW

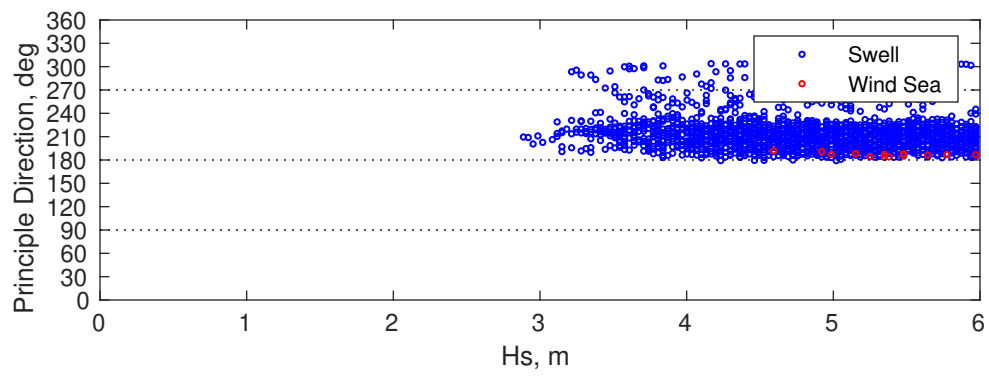
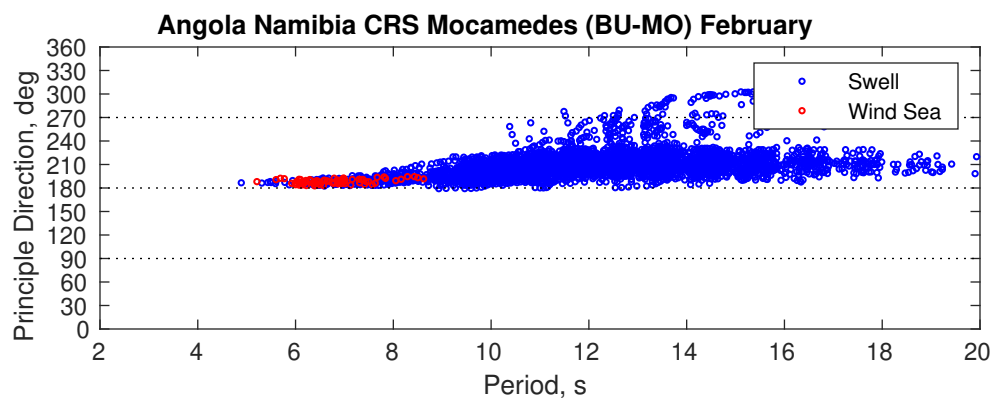
Weather Days

Current Speed > 0.5 knots Mean: 3.1 days Range: 0.0 - 7.3 days p50:2 days p75:1 days p90:1 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

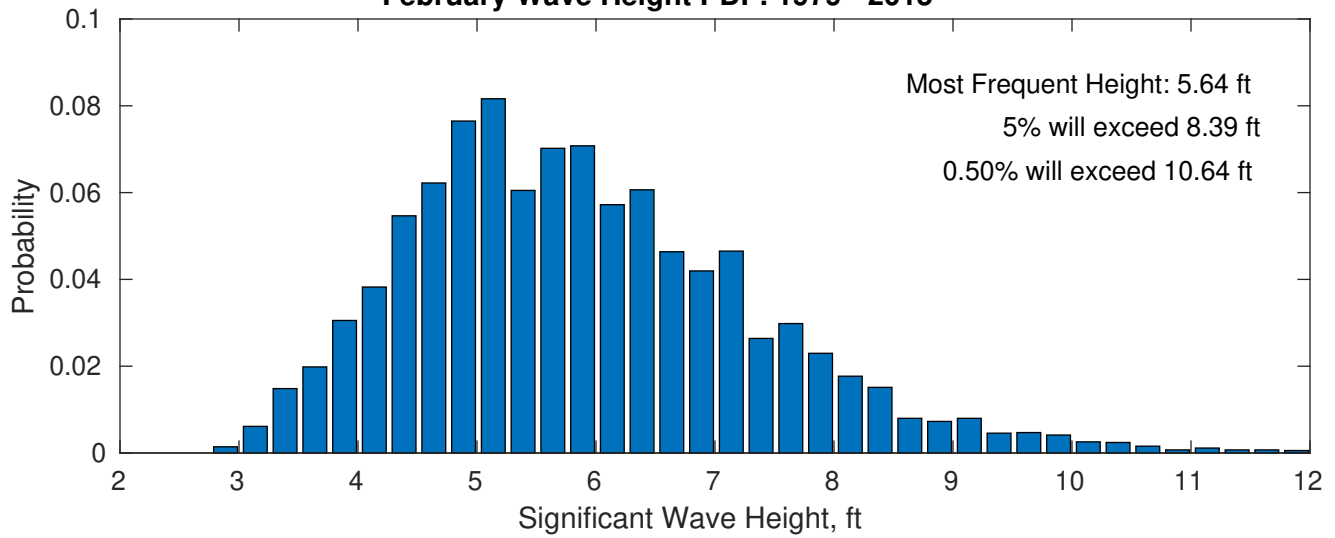
Severe Storms

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

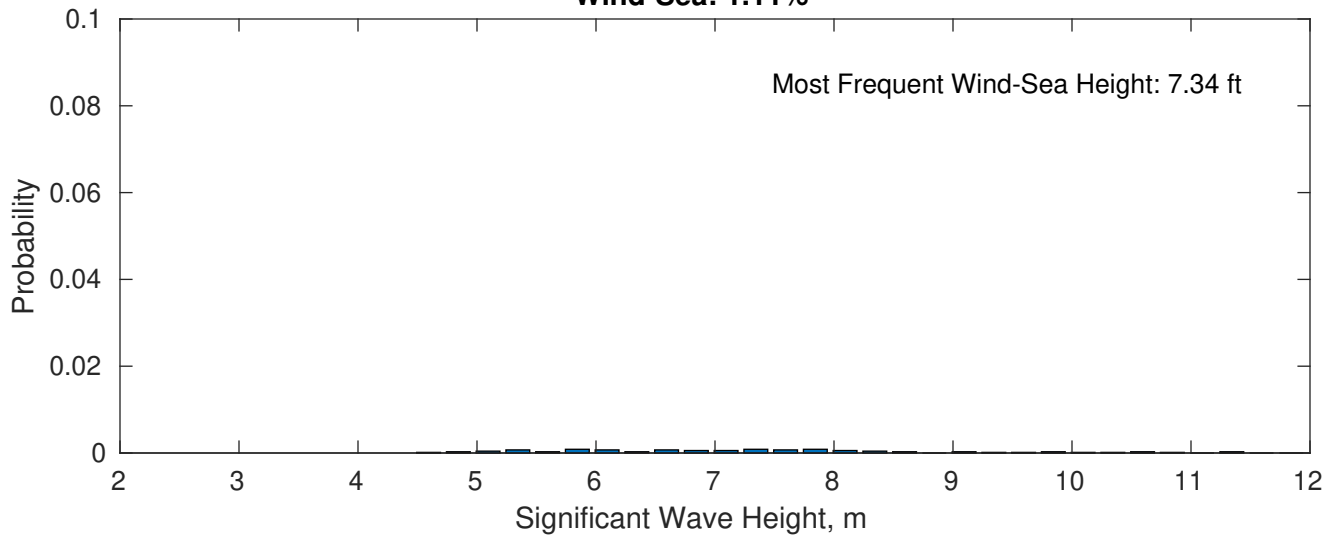




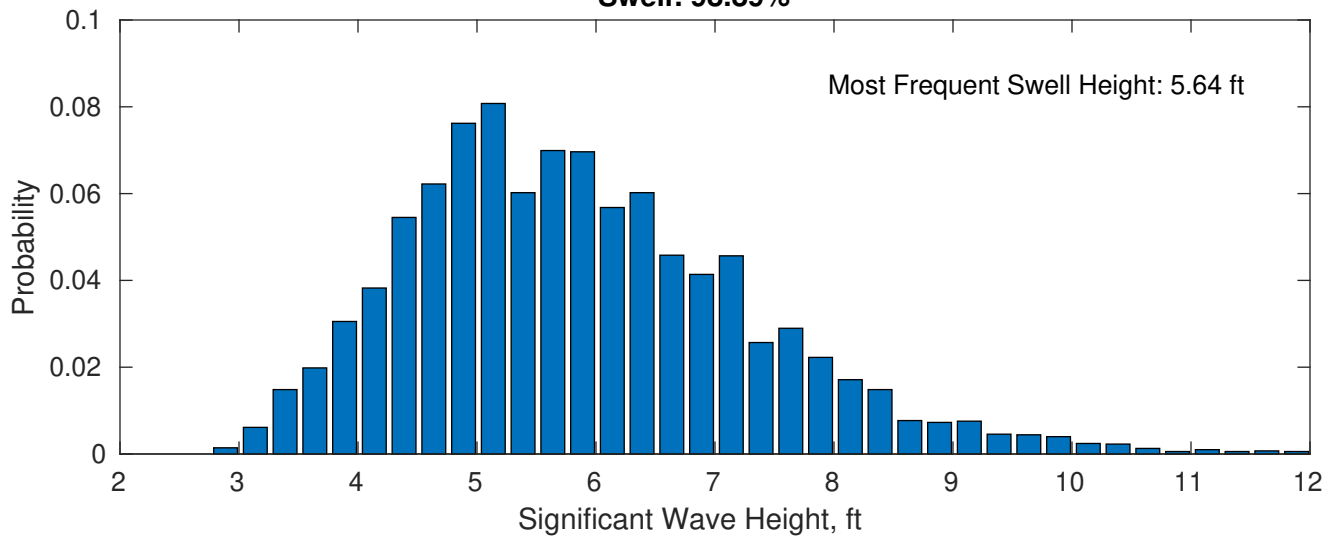
February Wave Height PDF: 1979 - 2015



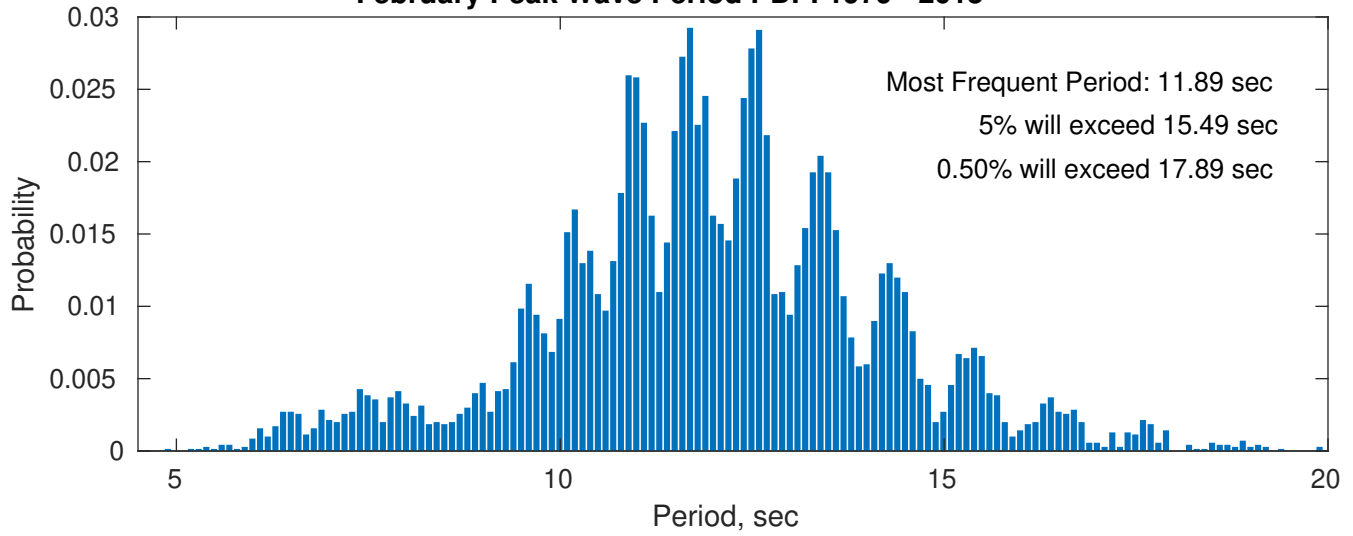
Wind-Sea: 1.11%



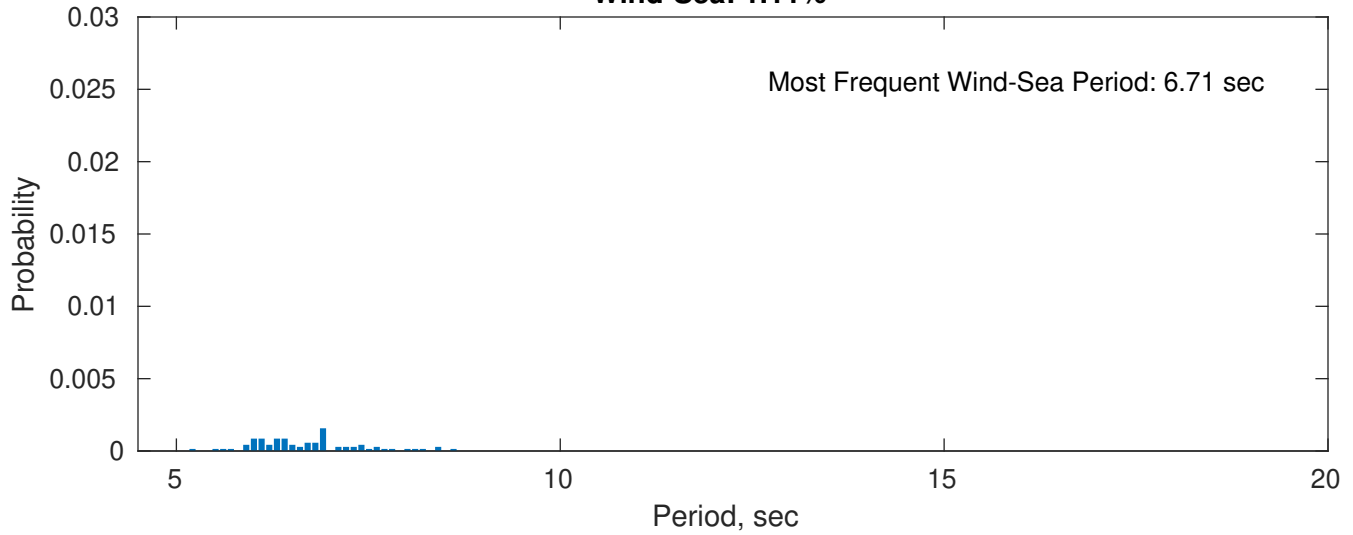
Swell: 98.89%



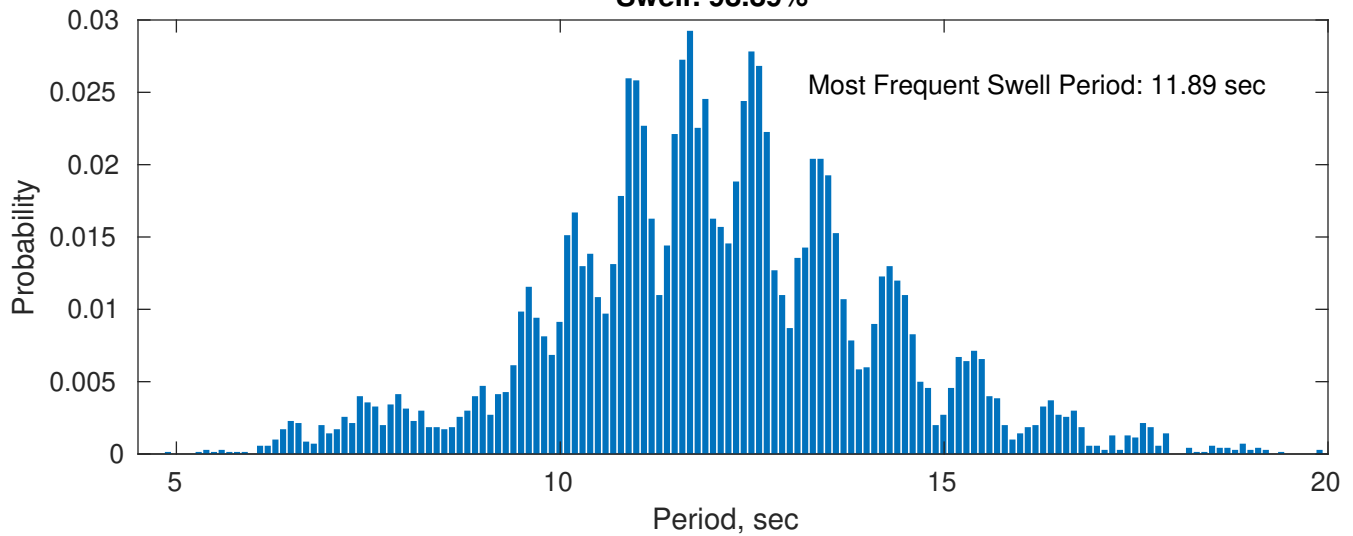
February Peak Wave Period PDF: 1979 - 2015



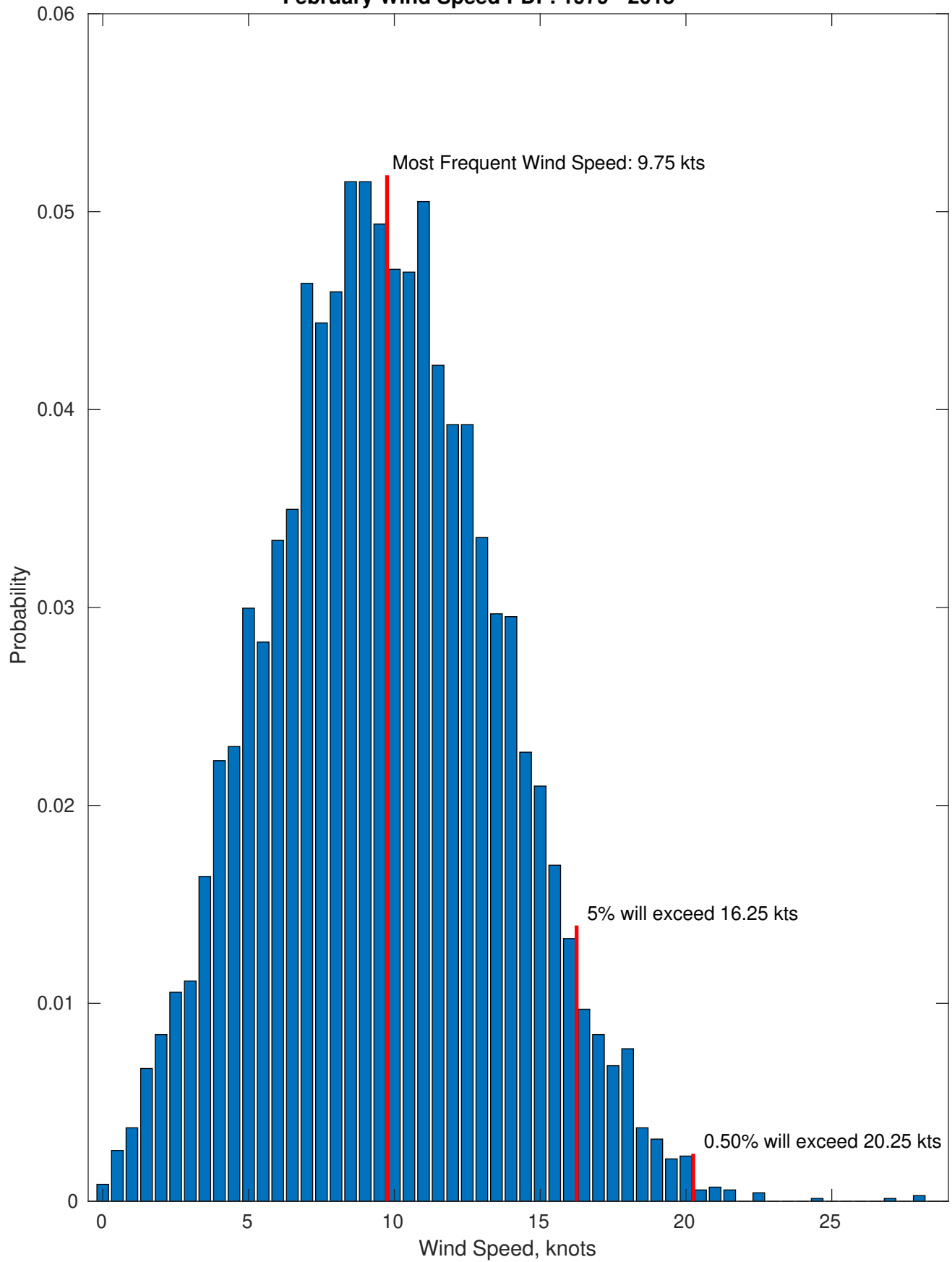
Wind-Sea: 1.11%



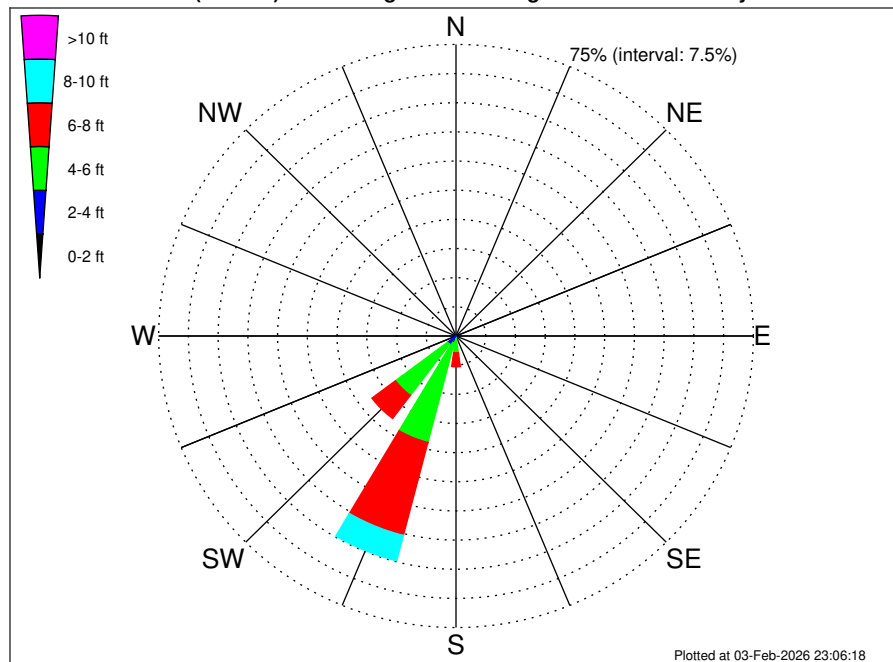
Swell: 98.89%



February Wind Speed PDF: 1979 - 2015



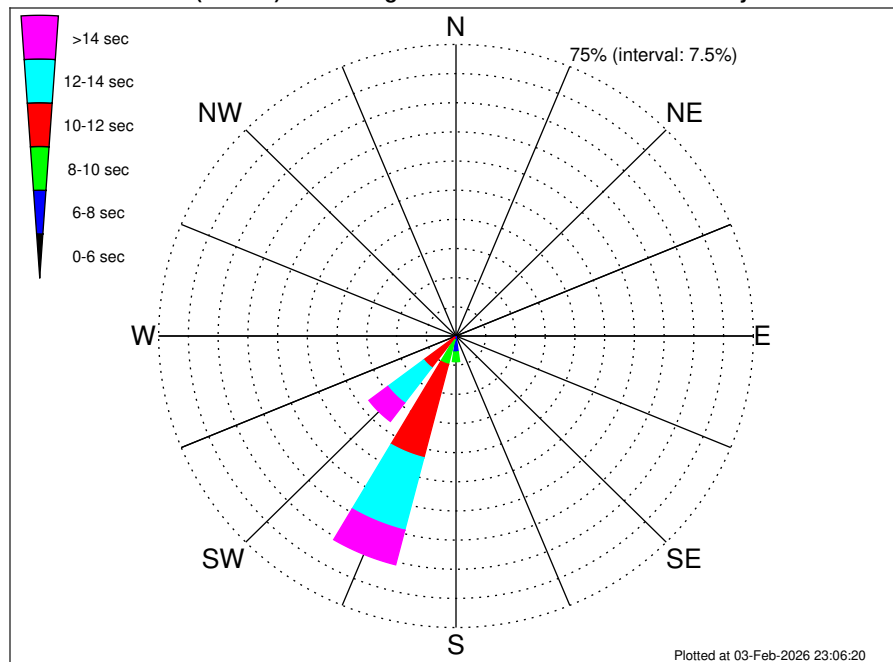
Angola Namibia CRS Mocamedes (BU-MO) Climatological WaveHeight Rose for February: 1979 - 2015



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	•	•	•	•	•	•	•	•	0.16	1.81	2.64	0.30	0.20	0.26	•	•	5.37
4 - 6 ft	•	•	•	•	•	•	•	•	4.17	26.46	16.48	0.78	0.50	0.56	0.03	•	48.97
6 - 8 ft	•	•	•	•	•	•	•	•	3.61	24.71	7.43	0.24	0.24	0.01	•	•	36.26
8 - 10 ft	•	•	•	•	•	•	•	•	0.44	6.75	0.84	•	•	0.09	•	•	8.12
10 - 12 ft	•	•	•	•	•	•	•	•	0.10	0.94	0.11	•	•	•	•	•	1.16
12 - 14 ft	•	•	•	•	•	•	•	•	•	0.13	•	•	•	•	•	•	0.13
14 - 16 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
16 - 18 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
> 18 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	•	•	•	•	•	•	•	•	8.48	60.80	27.51	1.33	0.94	0.91	0.03	•	100.00

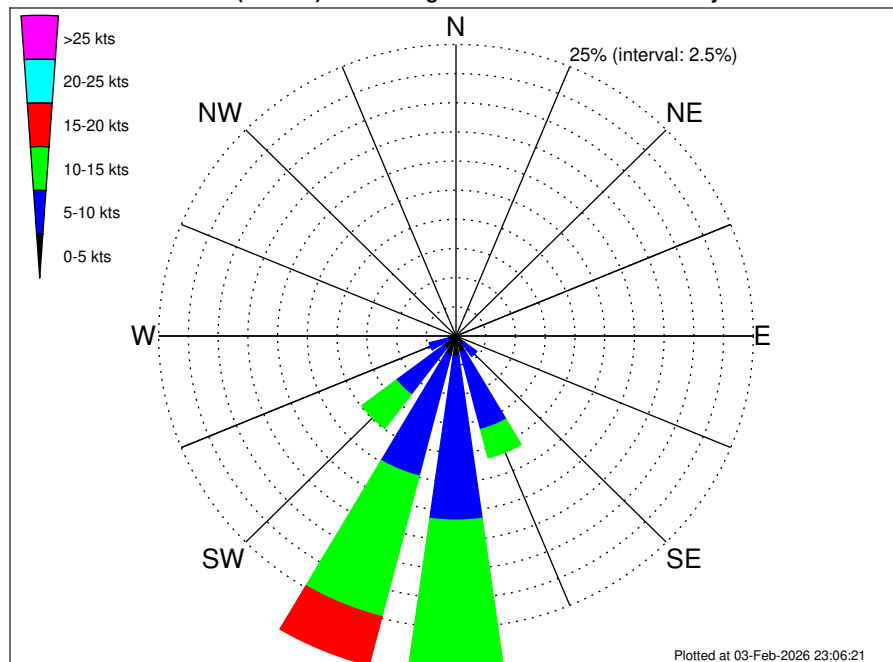
Angola Namibia CRS Mocamedes (BU-MO) Climatological WavePeriod Rose for February: 1979 - 2015



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	•	•	•	•	•	•	•	•	0.21	0.03	•	•	•	•	•	•	0.24
6 - 8 sec	•	•	•	•	•	•	•	•	3.92	1.03	•	•	•	•	•	•	4.95
8 - 10 sec	•	•	•	•	•	•	•	•	2.48	6.49	0.51	•	•	•	•	•	9.49
10 - 12 sec	•	•	•	•	•	•	•	•	1.34	24.79	9.69	0.34	0.10	•	•	•	36.26
12 - 14 sec	•	•	•	•	•	•	•	•	0.30	19.28	11.36	0.68	0.66	0.20	•	•	32.48
14 - 16 sec	•	•	•	•	•	•	•	•	0.16	7.12	4.55	0.26	0.19	0.49	•	•	12.76
18 - 20 sec	•	•	•	•	•	•	•	•	0.06	1.70	1.31	0.04	•	0.21	0.03	•	3.35
22 - 24 sec	•	•	•	•	•	•	•	•	•	0.37	0.09	•	•	0.01	•	•	0.47
Total	•	•	•	•	•	•	•	•	8.48	60.80	27.51	1.33	0.94	0.91	0.03	•	100.00

Angola Namibia CRS Mocamedes (BU-MO) Climatological Wind Rose for February: 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	•	0.04	0.03	0.03	0.06	0.03	0.01	0.03	0.01	•	0.01	0.03	0.03	0.34
0 - 5 kts	0.31	0.21	0.23	0.21	0.26	0.47	0.84	1.38	1.68	1.67	1.27	0.66	0.30	0.26	0.24	0.21	10.22
5 - 10 kts	0.14	0.10	0.11	0.14	0.33	0.41	1.31	6.84	14.08	10.72	4.98	1.66	0.37	0.16	0.09	0.13	41.57
10 - 15 kts	•	0.01	0.03	0.03	0.04	0.04	0.10	2.51	18.68	12.46	3.64	0.47	0.06	•	•	•	38.07
15 - 20 kts	•	•	•	•	•	•	•	•	4.48	4.31	0.47	0.03	•	•	•	•	9.29
20 - 25 kts	•	•	•	•	•	•	•	0.03	0.23	0.20	0.01	•	•	•	•	•	0.47
25 - 30 kts	•	•	•	•	•	•	•	•	0.04	•	•	•	•	•	•	•	0.04
30 - 35 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
35 - 40 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
40 - 45 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
45 - 50 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	0.46	0.34	0.39	0.39	0.67	0.96	2.28	10.82	39.23	29.37	10.40	2.83	0.73	0.43	0.36	0.37	100.00