

Angola Namibia CRS Mocamedes (BU-MO) - January

Latitude: 15.12 S Longitude: 11.03 E

Weather Days

Wave Height > 5.0 ft Mean: 11.2 days Range: 7.6 - 14.8 days p50:11 days p75:9 days p90:6 days
Wave Height > 6.5 ft Mean: 2.4 days Range: 0.2 - 4.7 days p50:3.5 days p75:2 days p90:0.5 days
Wave Height > 8.0 ft Mean: 0.2 days Range: 0.0 - 0.6 days p50:30 days p75:30 days p90:0.5 days

Wind Speed > 15.0 knots Mean: 1.8 days Range: 0.3 - 3.2 days p50:1.5 days p75:1 days p90:0.5 days
Wind Speed > 20.0 knots Mean: 0.1 days Range: 0.0 - 0.2 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 - 0.0 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 2.8 times per month A 2 day or longer window will statistically occur 1.8 times per month A 3 day or longer window will statistically occur 1.0 times per month
Wave Height < 6.5 ft	A 1 day or longer window will statistically occur 3.2 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 2.3 times per month
Wave Height < 8.0 ft	A 1 day or longer window will statistically occur 1.6 times per month A 2 day or longer window will statistically occur 1.6 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 8 - 10 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

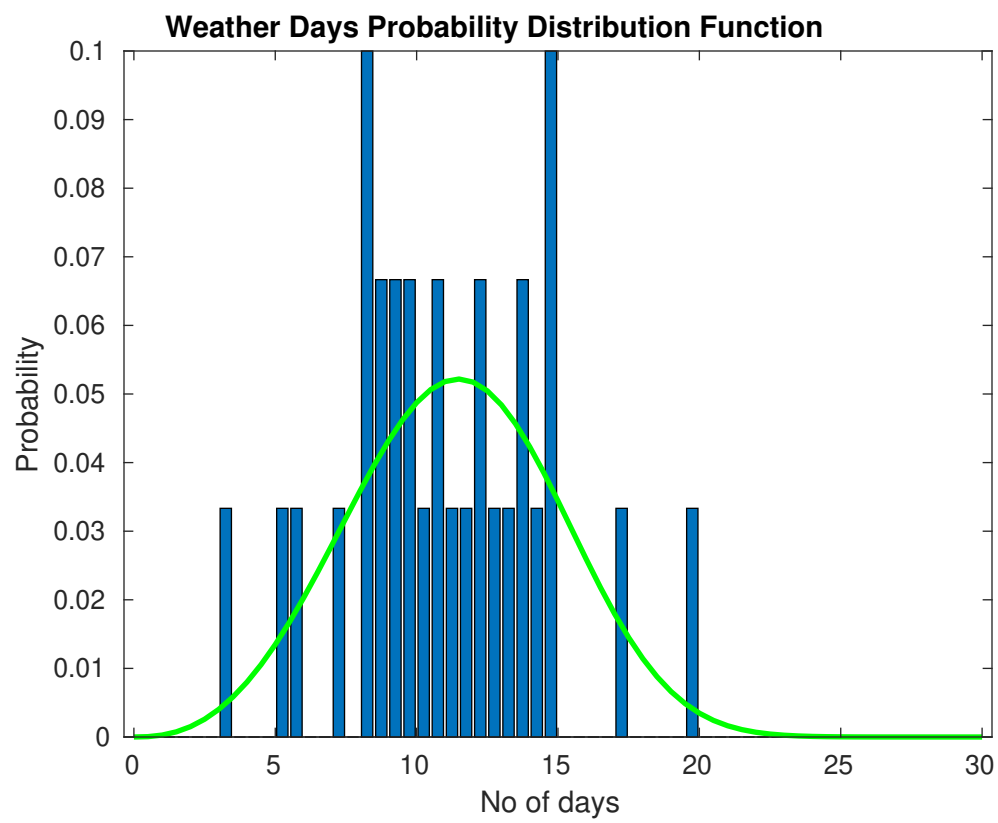
Currents

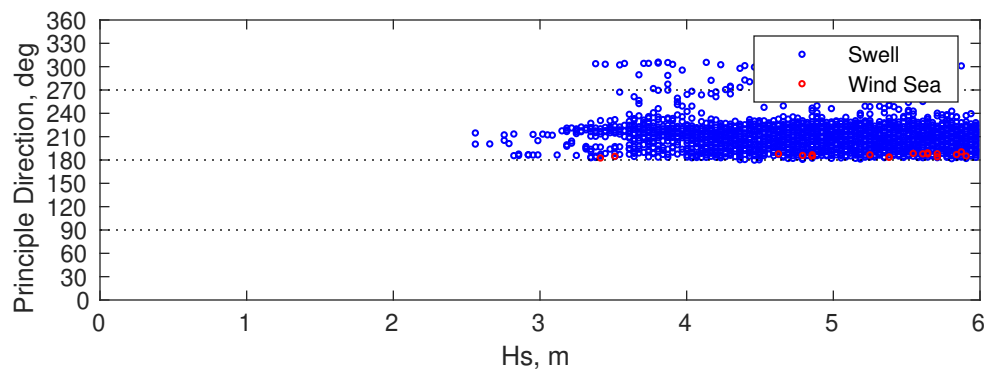
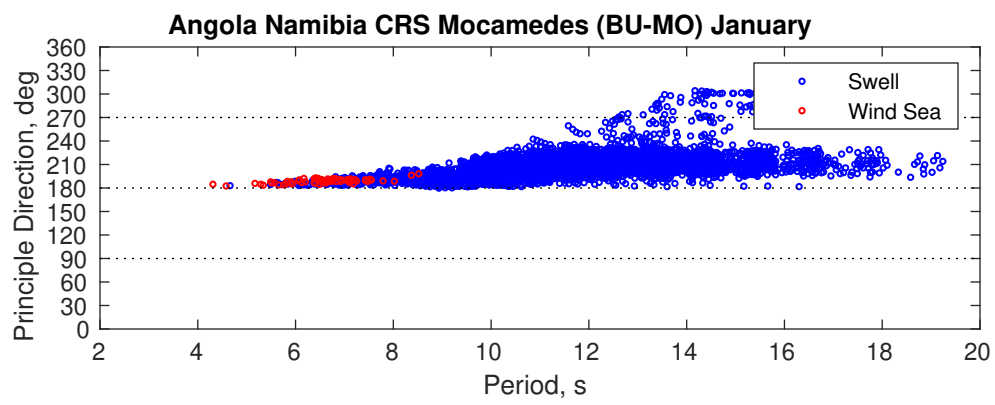
Mean Speed: 0.25-0.50 kts
The currents will occasionally reach 0.75-1.00 kts, but rarely greater.
Principle Direction, to: SW

Weather Days
Current Speed > 0.5 knots Mean: 4.8 days Range: 0.0 - 10.5 days p50:3 days p75:2 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

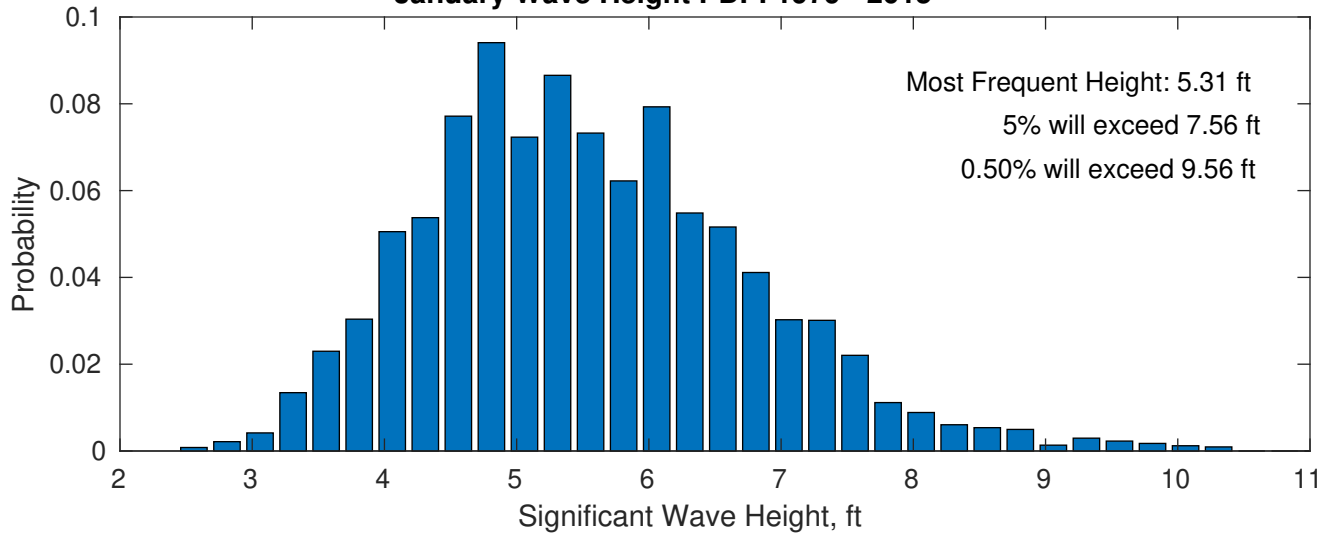
Severe Storms

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

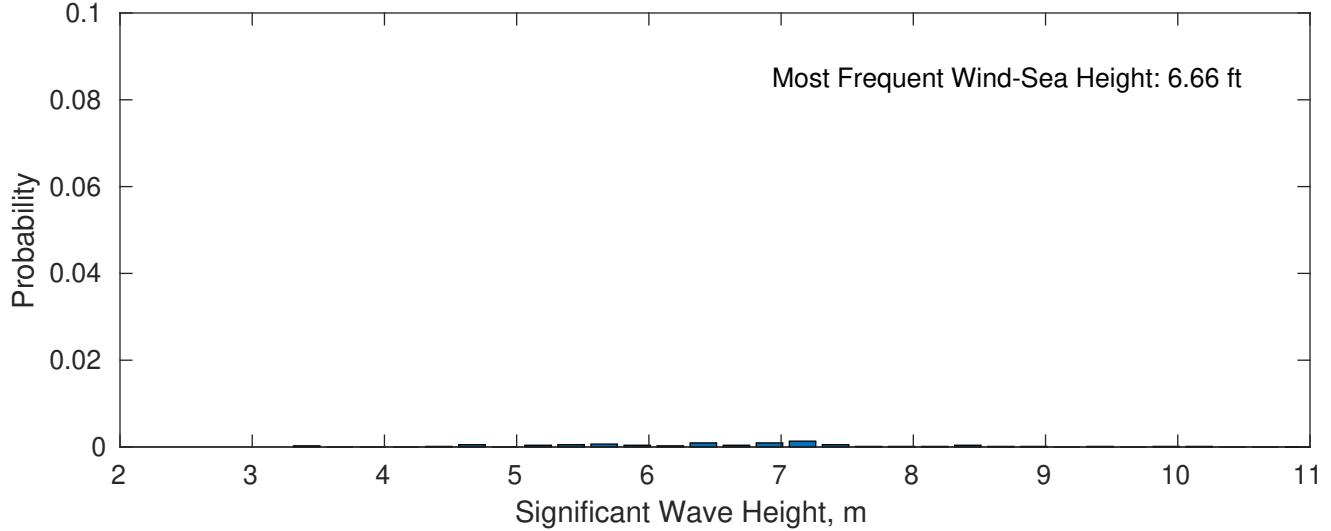




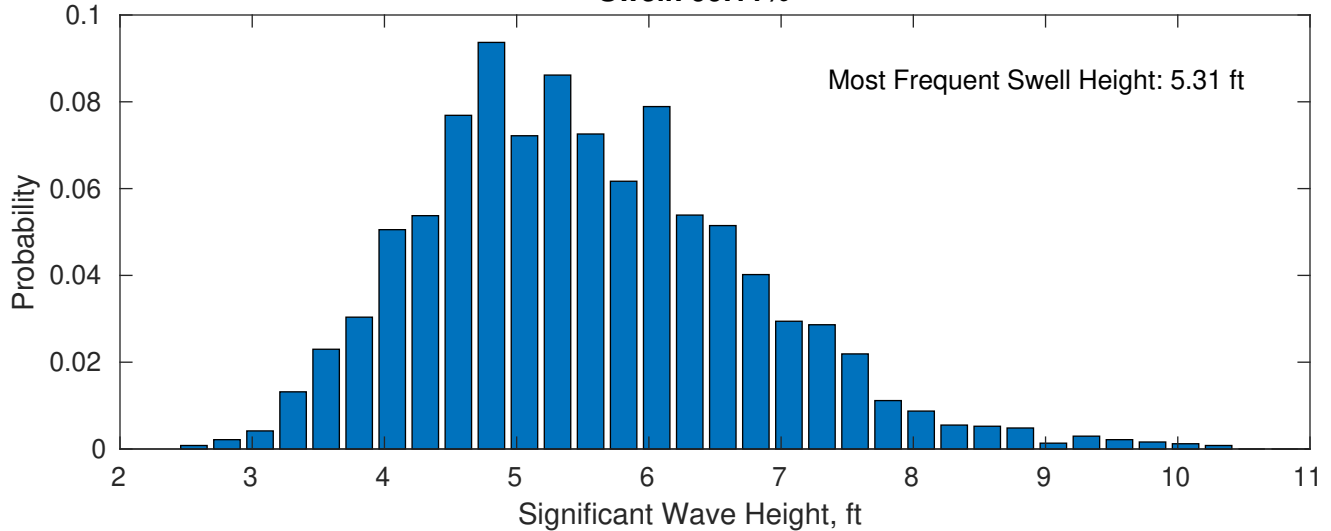
January Wave Height PDF: 1979 - 2015



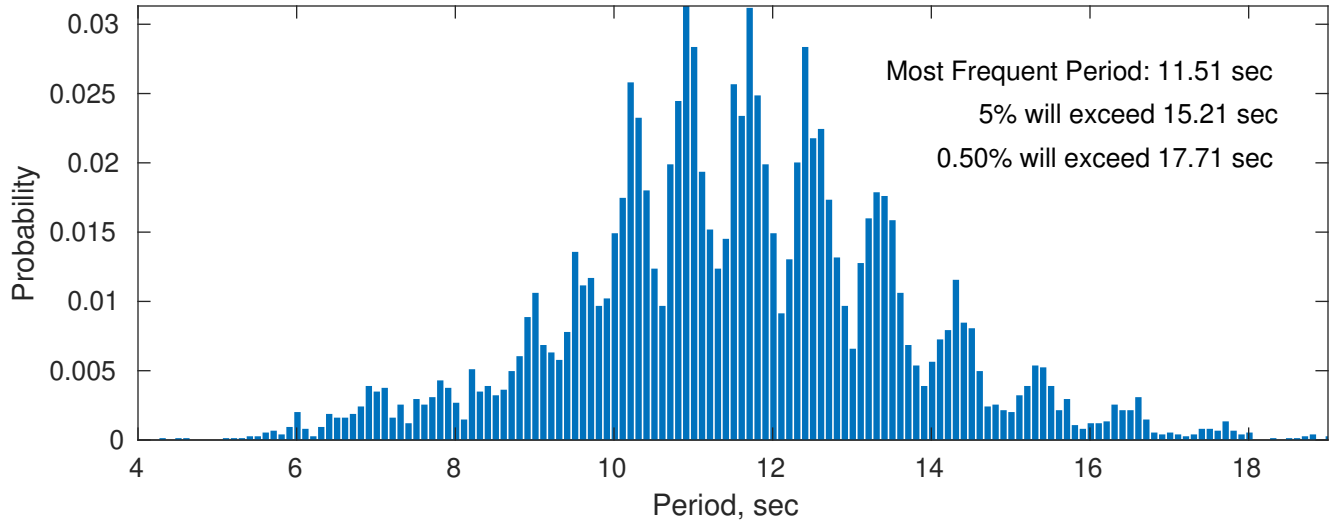
Wind-Sea: 0.89%



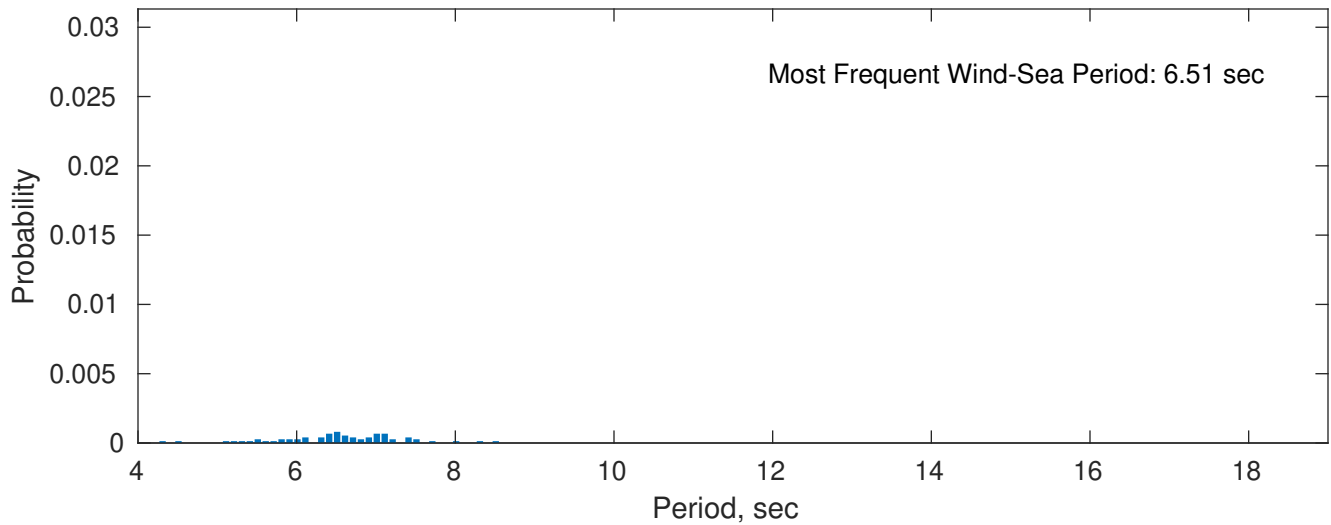
Swell: 99.11%



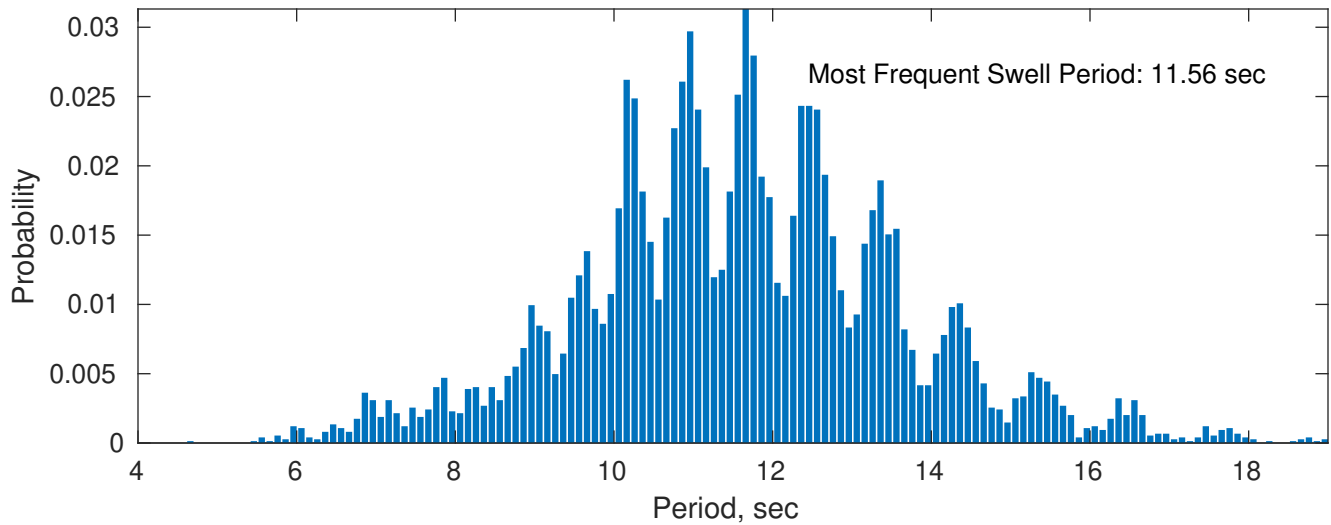
January Peak Wave Period PDF: 1979 - 2015



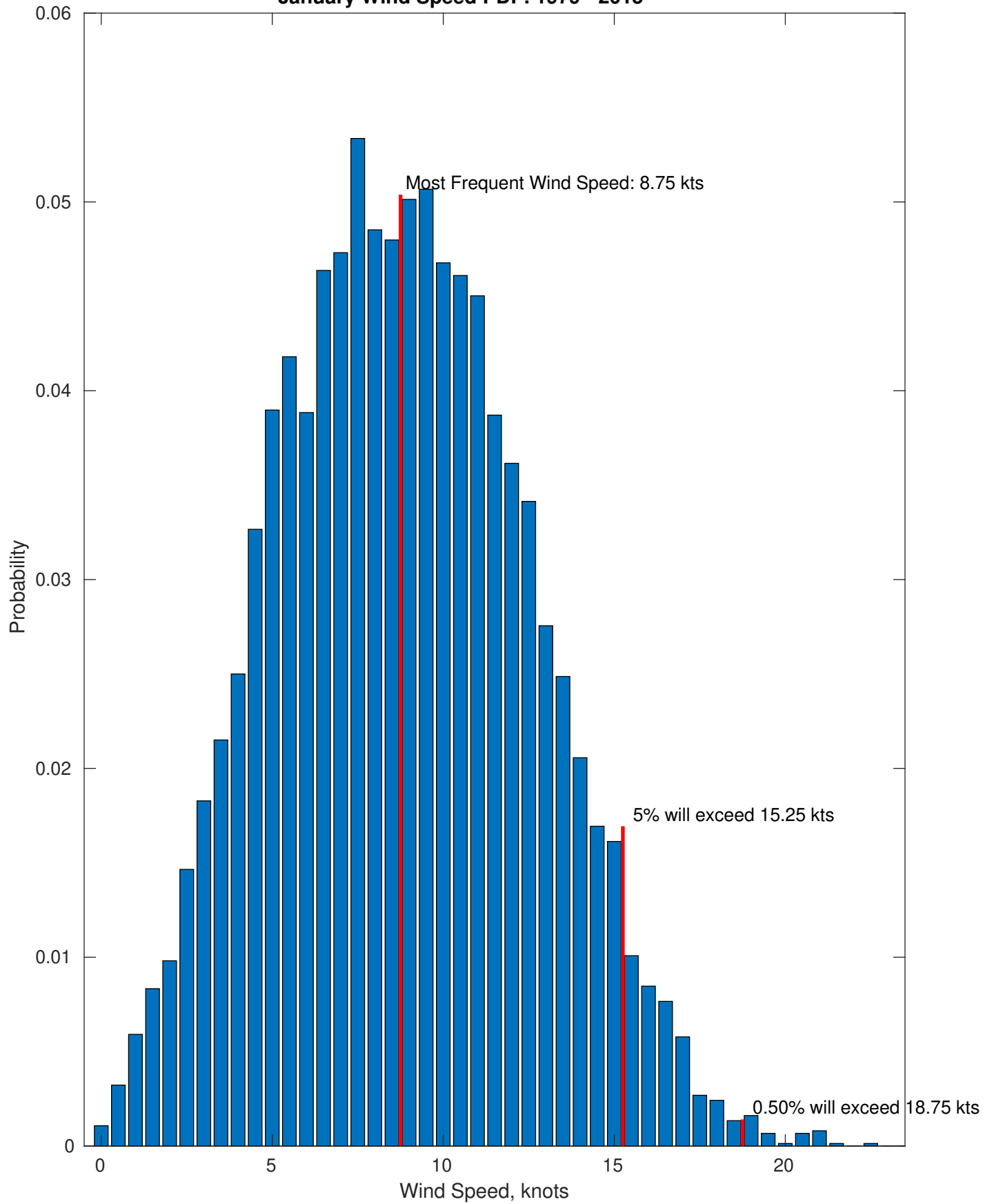
Wind-Sea: 0.89%



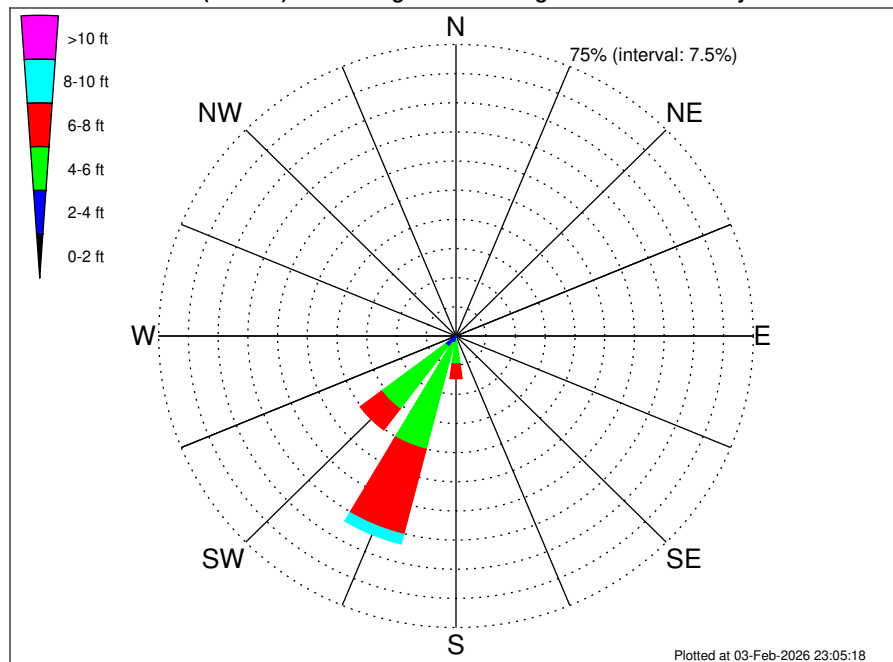
Swell: 99.11%



January Wind Speed PDF: 1979 - 2015



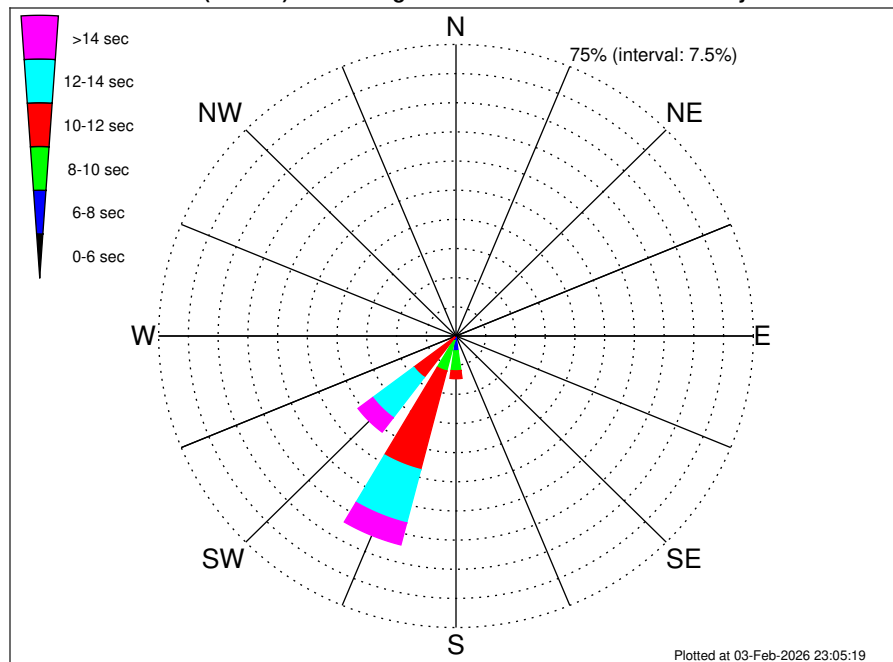
Angola Namibia CRS Mocamedes (BU-MO) Climatological WaveHeight Rose for January: 1979 - 2015



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	.	.	.	.	.	.	.	.	0.65	1.88	3.35	0.13	0.09	0.09	0.11	.	6.30
4 - 6 ft	.	.	.	.	.	.	.	.	6.56	28.24	20.17	0.51	0.35	0.54	0.01	.	56.38
6 - 8 ft	.	.	.	.	.	.	.	.	3.80	22.62	6.73	0.12	0.08	0.12	.	.	33.48
8 - 10 ft	.	.	.	.	.	.	.	.	0.35	2.51	0.67	.	.	.	.	.	3.53
10 - 12 ft	.	.	.	.	.	.	.	.	.	0.27	0.03	.	.	.	.	.	0.30
12 - 14 ft	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
14 - 16 ft	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
16 - 18 ft	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
> 18 ft	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Total	.	.	.	.	.	.	.	.	11.36	55.52	30.95	0.77	0.52	0.75	0.12	.	100.00

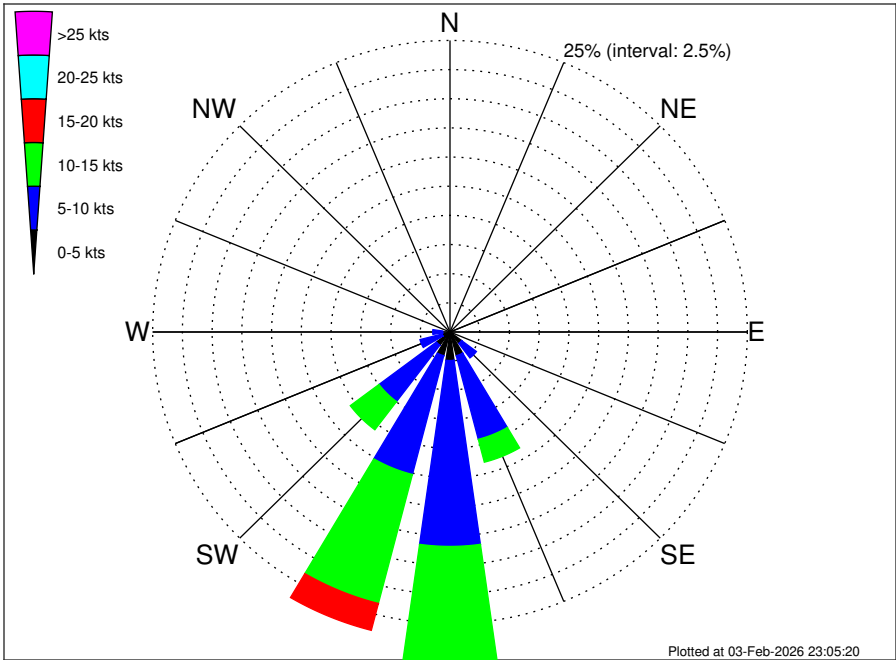
Angola Namibia CRS Mocamedes (BU-MO) Climatological WavePeriod Rose for January: 1979 - 2015



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	•	•	•	•	•	•	•	•	0.39	•	•	•	•	•	•	•	0.39
6 - 8 sec	•	•	•	•	•	•	•	•	3.44	1.22	•	•	•	•	•	•	4.66
8 - 10 sec	•	•	•	•	•	•	•	•	5.13	8.09	0.48	•	•	•	•	•	13.71
10 - 12 sec	•	•	•	•	•	•	•	•	2.03	26.20	12.85	0.11	0.01	•	•	•	41.20
12 - 14 sec	•	•	•	•	•	•	•	•	0.24	14.17	12.97	0.51	0.31	0.13	•	•	28.33
14 - 16 sec	•	•	•	•	•	•	•	•	0.11	4.54	3.59	0.15	0.20	0.55	0.03	•	9.17
18 - 20 sec	•	•	•	•	•	•	•	•	0.01	1.10	0.97	•	•	0.07	0.09	•	2.24
22 - 24 sec	•	•	•	•	•	•	•	•	•	0.20	0.09	•	•	•	•	•	0.30
Total	•	•	•	•	•	•	•	•	11.36	55.52	30.95	0.77	0.52	0.75	0.12	•	100.00

Angola Namibia CRS Mocamedes (BU-MO) Climatological Wind Rose for January: 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	0.05	0.01	0.01	0.01	0.04	0.04	0.01	0.03	0.04	0.07	0.03	0.01	0.01	0.04	•	0.43
0 - 5 kts	0.26	0.31	0.28	0.44	0.54	0.52	1.18	2.08	2.42	2.06	1.36	0.66	0.60	0.22	0.36	0.32	13.62
5 - 10 kts	0.19	0.17	0.20	0.12	0.30	0.35	1.56	7.41	15.94	10.52	6.05	1.92	0.83	0.28	0.31	0.24	46.40
10 - 15 kts	0.03	0.01	0.03	•	0.03	0.01	0.04	2.03	16.63	11.42	3.02	0.30	0.04	0.03	0.04	0.03	33.68
15 - 20 kts	•	•	•	•	•	•	•	•	3.09	2.38	0.22	•	•	•	•	•	5.69
20 - 25 kts	•	•	•	•	•	•	•	•	0.12	0.07	•	•	•	•	•	•	0.19
25 - 30 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
30 - 35 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
35 - 40 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
40 - 45 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
45 - 50 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	0.48	0.55	0.52	0.58	0.87	0.93	2.82	11.53	38.23	26.49	10.71	2.90	1.49	0.54	0.75	0.59	100.00