

Angola Namibia CRS Mocamedes (BU-MO) - October

Latitude: 15.12 S Longitude: 11.03 E

Weather Days

Wave Height > 5.0 ft Mean: 21.8 days Range: 19.3 - 24.4 days p50:21.5 days p75:20.5 days p90:19 days
Wave Height > 6.5 ft Mean: 12.9 days Range: 9.2 - 16.6 days p50:12.5 days p75:10 days p90:8.5 days
Wave Height > 8.0 ft Mean: 5.2 days Range: 2.5 - 7.9 days p50:4.5 days p75:3 days p90:2.5 days

Wind Speed > 15.0 knots Mean: 6.8 days Range: 4.5 - 9.1 days p50:7 days p75:5 days p90:4.5 days
Wind Speed > 20.0 knots Mean: 1.0 days Range: 0.2 - 1.9 days p50:1 days p75:0.5 days p90:0.5 days
Wind Speed > 25.0 knots Mean: 0.1 days Range: 0.0 - 0.2 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 0.7 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 0.1 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 1.7 times per month A 3 day or longer window will statistically occur 0.9 times per month
Wave Height < 8.0 ft	A 1 day or longer window will statistically occur 3.9 times per month A 2 day or longer window will statistically occur 3.0 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 22 - 24 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

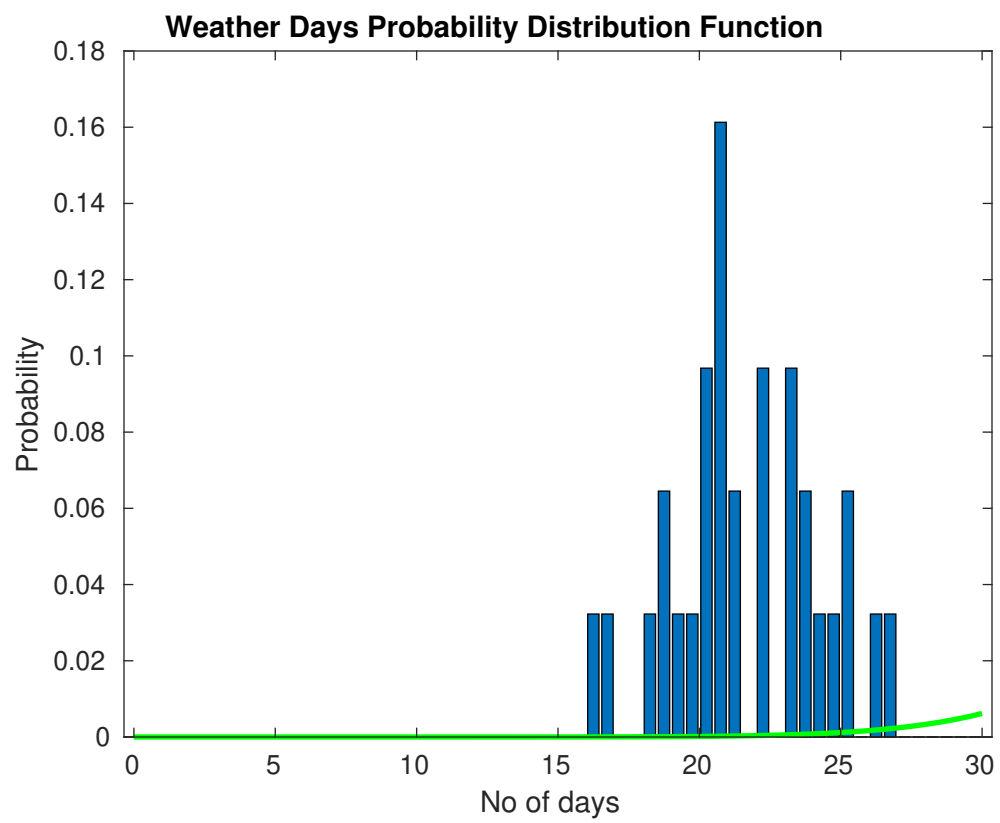
Mean Speed: 0.25-0.50 kts
The currents will occasionally reach 0.75-1.00 kts, but rarely greater.
Principle Direction, to: SW

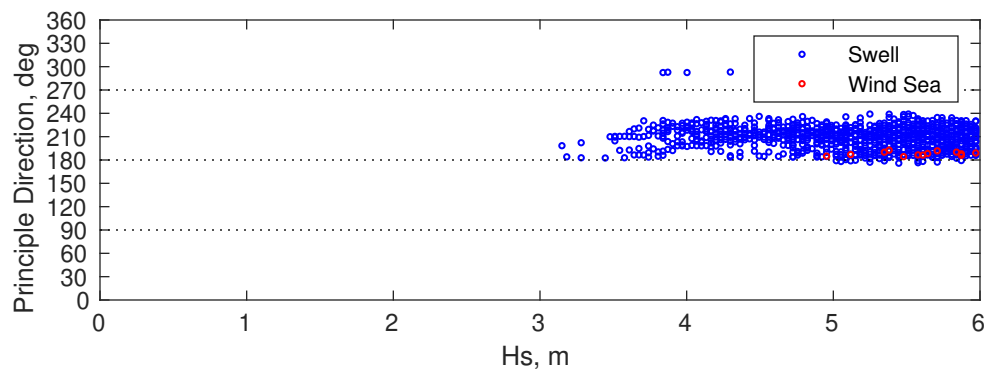
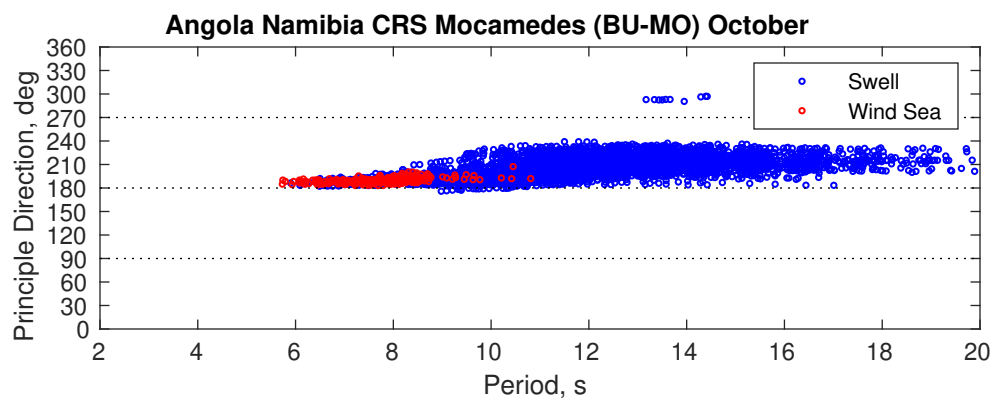
Weather Days

Current Speed > 0.5 knots Mean: 5.1 days Range: 1.0 - 9.3 days p50:5 days p75:3 days p90:1 days
Current Speed > 1.0 knots Mean: 0.1 days Range: 0.0 - 0.3 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

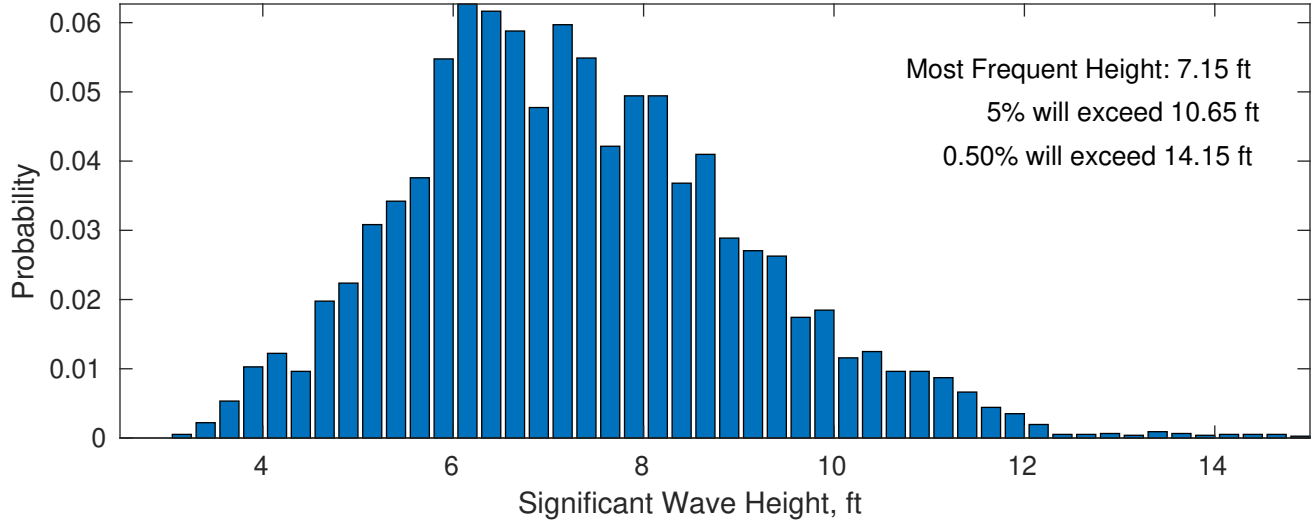
Severe Storms

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

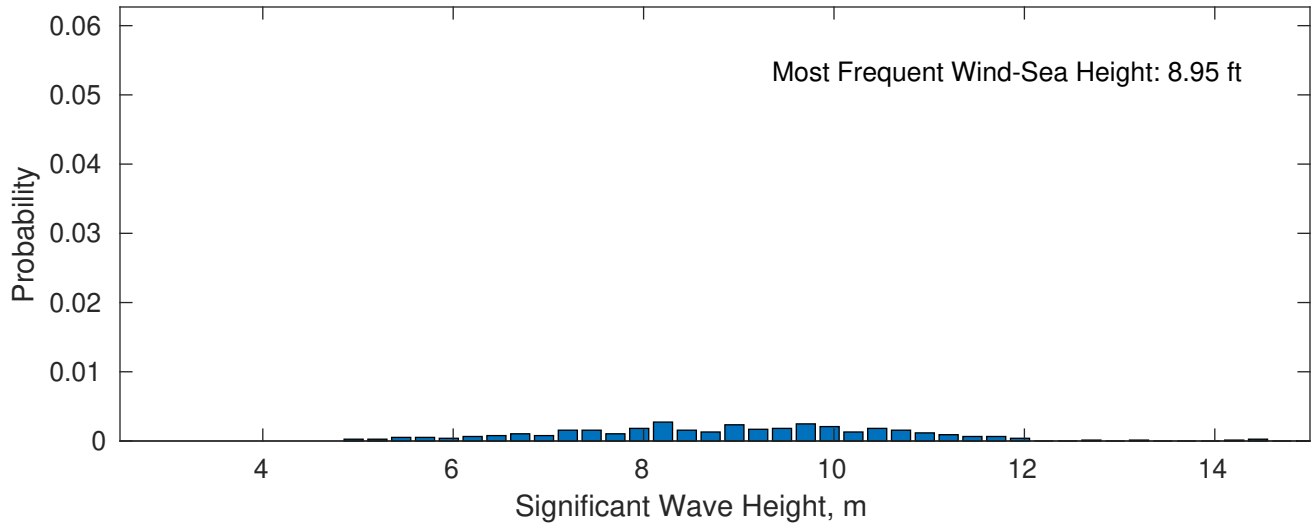




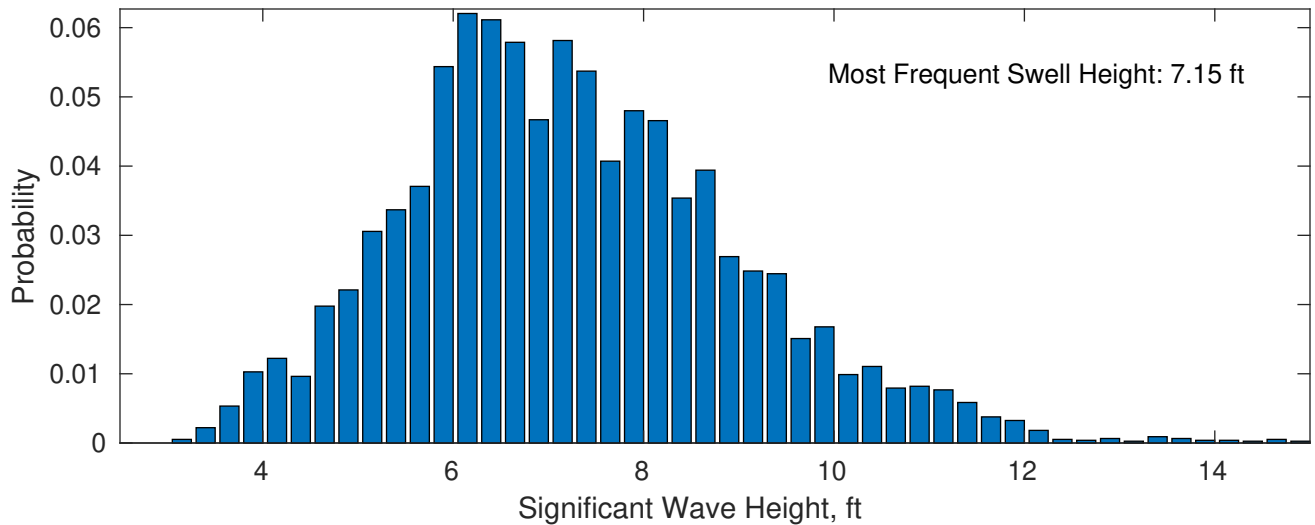
October Wave Height PDF: 1979 - 2015



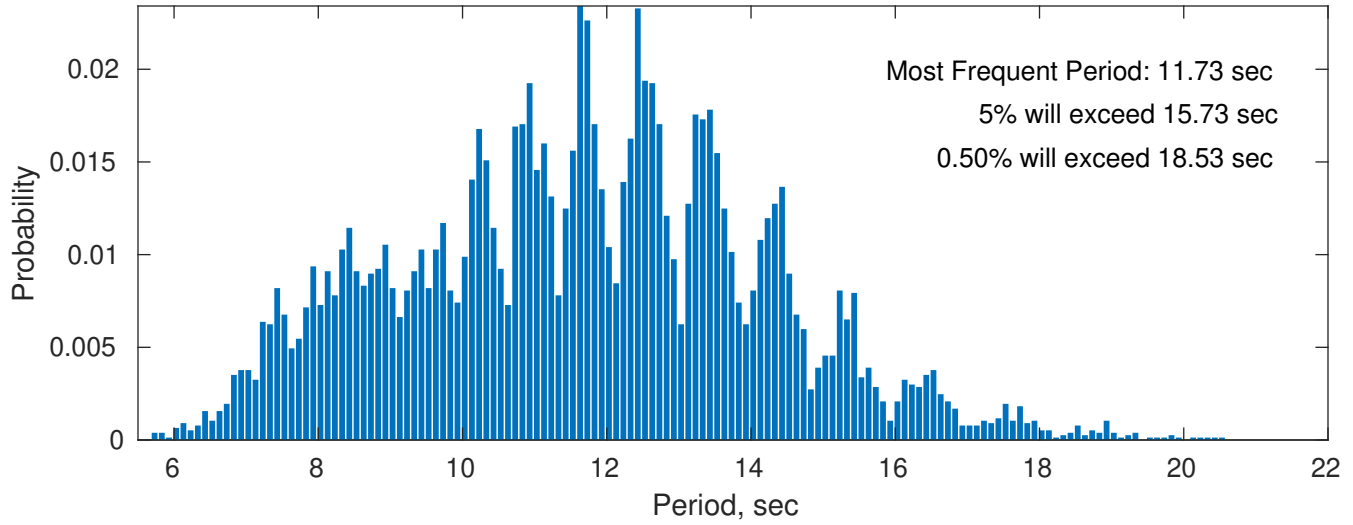
Wind-Sea: 3.71%



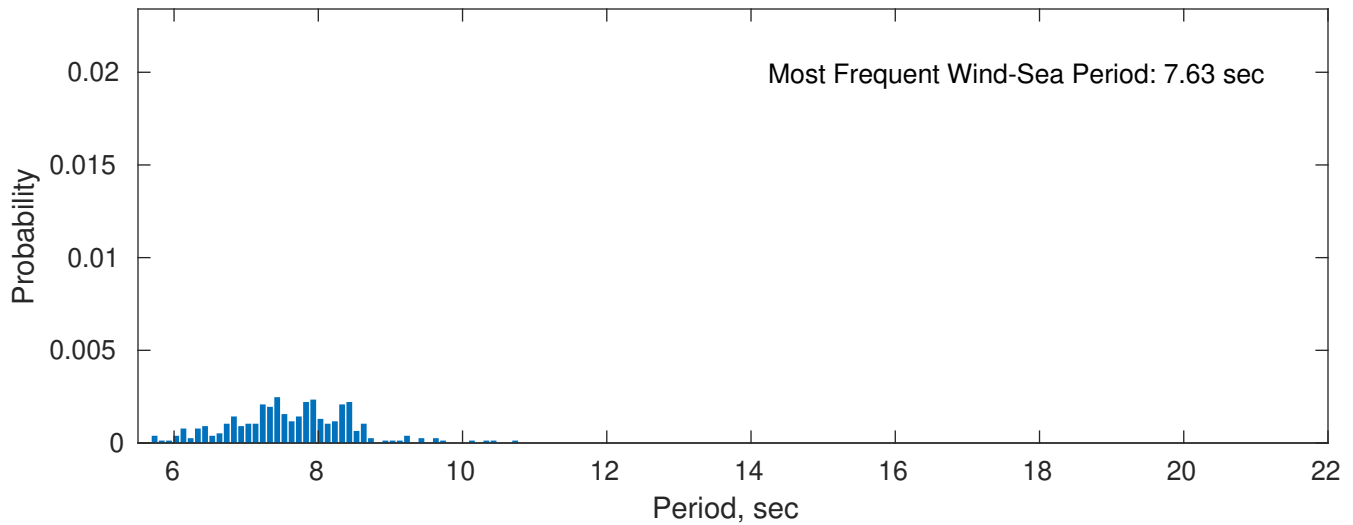
Swell: 96.29%



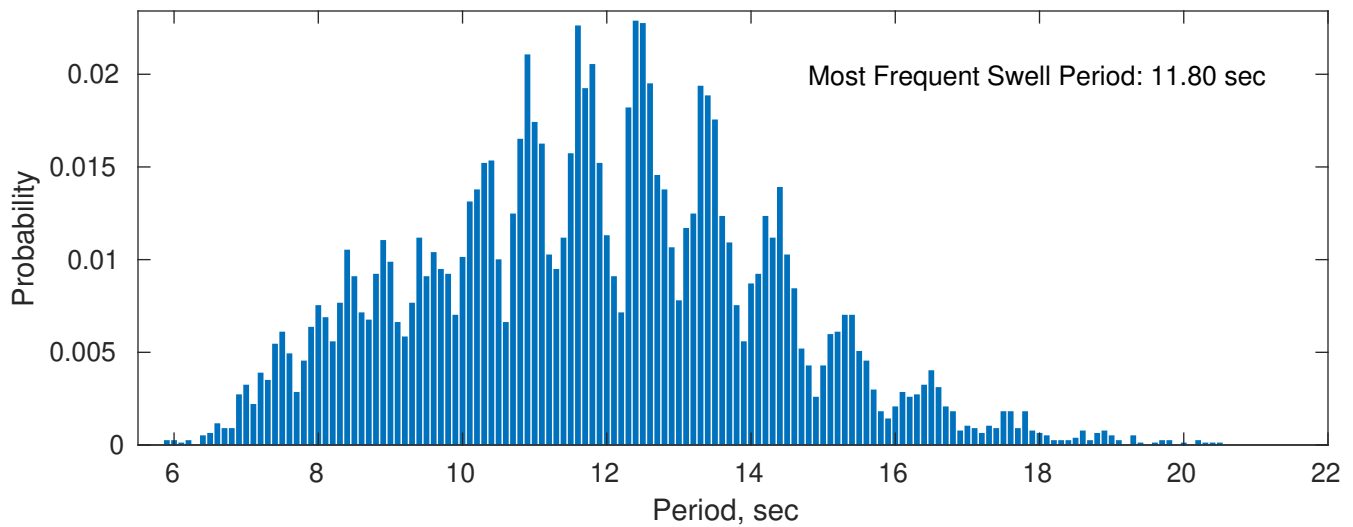
October Peak Wave Period PDF: 1979 - 2015



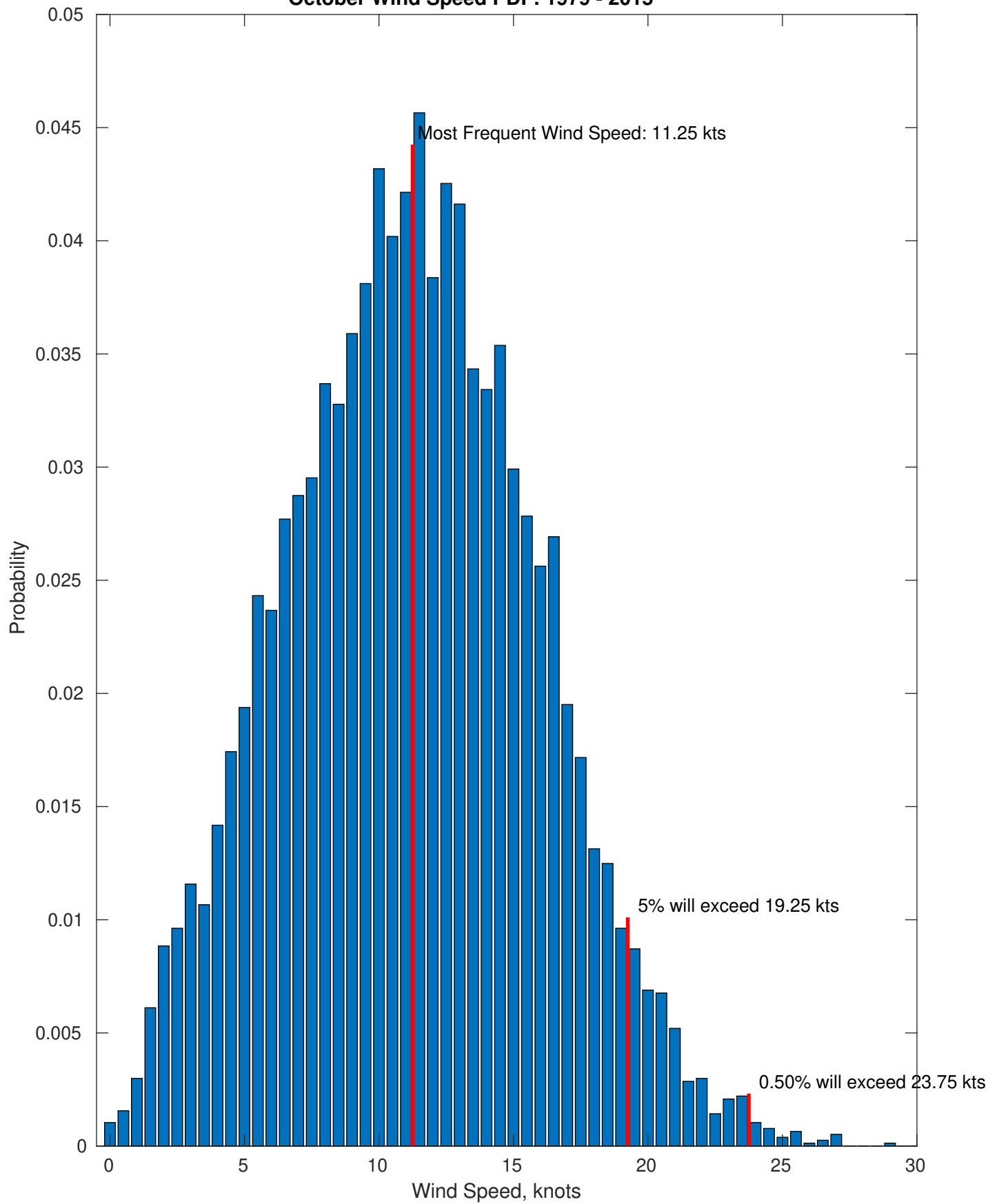
Wind-Sea: 3.71%



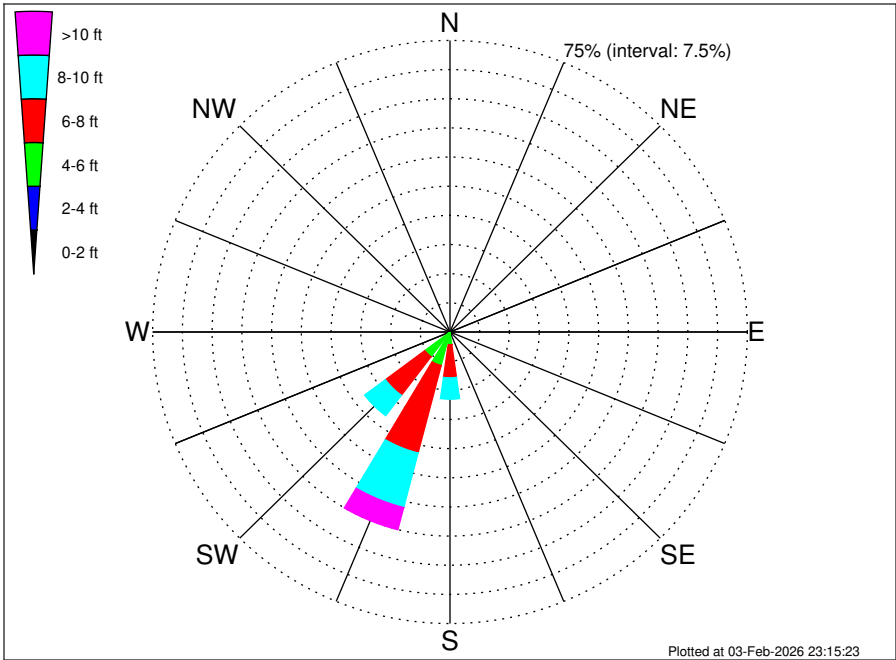
Swell: 96.29%



October Wind Speed PDF: 1979 - 2015



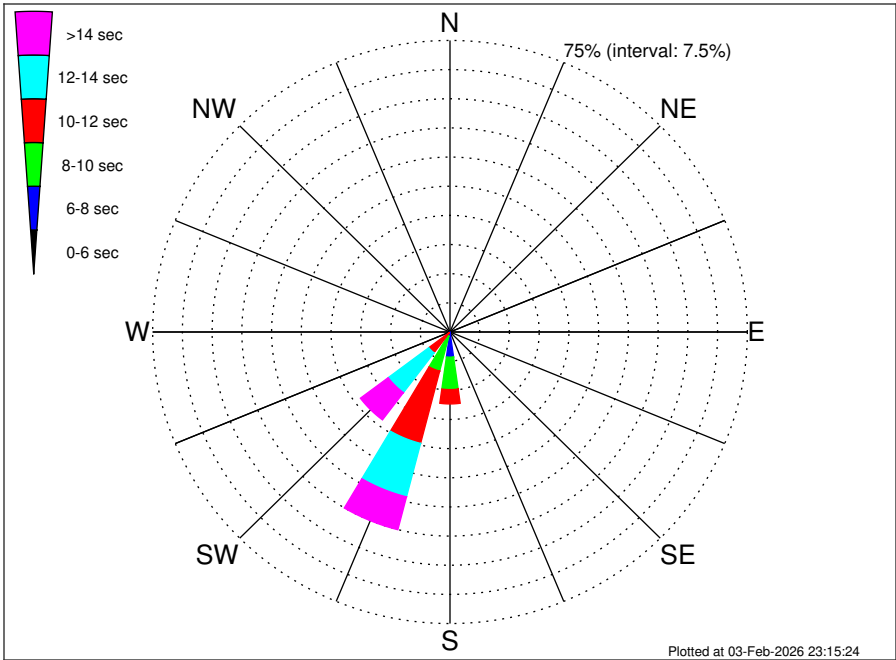
Angola Namibia CRS Mocamedes (BU-MO) Climatological WaveHeight Rose for October: 1979 - 2015



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	•	•	•	•	•	•	•	•	0.17	0.51	0.39	•	•	0.04	•	•	1.11
4 - 6 ft	•	•	•	•	•	•	•	•	3.10	8.39	7.57	0.07	•	0.09	•	•	19.21
6 - 8 ft	•	•	•	•	•	•	•	•	8.53	23.26	12.45	•	•	•	•	•	44.24
8 - 10 ft	•	•	•	•	•	•	•	•	5.49	14.49	6.54	•	•	•	•	•	26.52
10 - 12 ft	•	•	•	•	•	•	•	•	1.50	4.93	1.24	•	•	•	•	•	7.66
12 - 14 ft	•	•	•	•	•	•	•	•	0.08	0.60	0.03	•	•	•	•	•	0.70
14 - 16 ft	•	•	•	•	•	•	•	•	0.03	0.22	0.09	•	•	•	•	•	0.34
16 - 18 ft	•	•	•	•	•	•	•	•	0.05	0.13	•	•	•	•	•	•	0.18
> 18 ft	•	•	•	•	•	•	•	•	0.03	0.01	•	•	•	•	•	•	0.04
Total	•	•	•	•	•	•	•	•	18.96	52.54	28.30	0.07	•	0.13	•	•	100.00

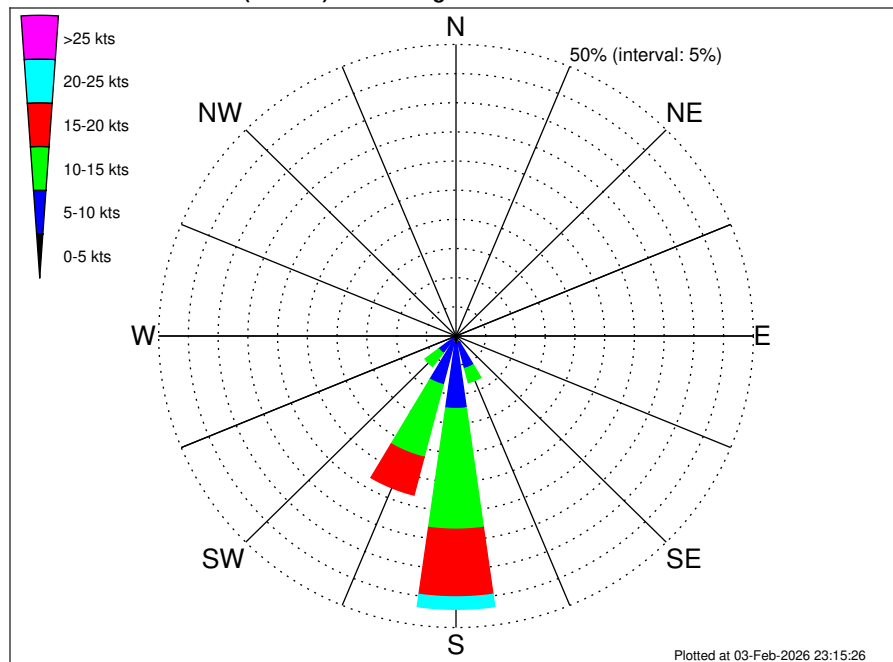
Angola Namibia CRS Mocamedes (BU-MO) Climatological WavePeriod Rose for October: 1979 - 2015



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	•	•	•	•	•	•	•	•	0.09	•	•	•	•	•	•	•	0.09
6 - 8 sec	•	•	•	•	•	•	•	•	6.39	1.12	•	•	•	•	•	•	7.51
8 - 10 sec	•	•	•	•	•	•	•	•	8.34	9.27	0.35	•	•	•	•	•	17.96
10 - 12 sec	•	•	•	•	•	•	•	•	3.69	19.21	6.35	0.04	•	•	•	•	29.29
12 - 14 sec	•	•	•	•	•	•	•	•	0.31	14.20	12.83	0.03	•	0.09	•	•	27.46
14 - 16 sec	•	•	•	•	•	•	•	•	0.10	6.83	6.27	•	•	0.04	•	•	13.24
18 - 20 sec	•	•	•	•	•	•	•	•	0.04	1.63	2.02	•	•	•	•	•	3.68
22 - 24 sec	•	•	•	•	•	•	•	•	•	0.27	0.49	•	•	•	•	•	0.77
Total	•	•	•	•	•	•	•	•	18.96	52.54	28.30	0.07	•	0.13	•	•	100.00

Angola Namibia CRS Mocamedes (BU-MO) Climatological Wind Rose for October: 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	0.04	0.03	•	0.01	•	0.01	0.04	0.03	0.01	0.01	•	0.26
0 - 5 kts	0.20	0.20	0.27	0.16	0.25	0.55	0.78	1.21	1.40	1.14	0.69	0.51	0.26	0.16	0.20	0.18	8.14
5 - 10 kts	0.08	0.14	0.07	0.07	0.10	0.10	1.07	4.54	11.03	7.47	2.95	0.86	0.49	0.20	0.12	0.10	29.38
10 - 15 kts	0.03	0.01	•	•	•	•	0.10	2.50	20.69	12.86	2.87	0.46	0.10	0.04	0.01	•	39.69
15 - 20 kts	•	•	•	•	•	•	•	0.14	11.60	6.71	0.64	•	•	•	•	•	19.09
20 - 25 kts	•	•	•	•	•	•	•	•	2.12	1.07	0.04	•	•	•	•	•	3.23
25 - 30 kts	•	•	•	•	•	•	•	•	0.18	0.03	•	•	•	•	•	•	0.21
30 - 35 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
35 - 40 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
40 - 45 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
45 - 50 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	0.31	0.36	0.36	0.23	0.36	0.69	1.98	8.39	47.05	29.28	7.21	1.86	0.88	0.40	0.34	0.29	100.00