

Angola Namibia CRS Mocamedes (BU-MO) - August

Latitude: 15.12 S Longitude: 11.03 E

Weather Days

Wave Height > 5.0 ft Mean: 23.1 days Range: 20.7 - 25.5 days p50:23 days p75:21 days p90:20 days
Wave Height > 6.5 ft Mean: 16.3 days Range: 13.1 - 19.4 days p50:16.5 days p75:14.5 days p90:13 days
Wave Height > 8.0 ft Mean: 10.4 days Range: 7.3 - 13.5 days p50:10 days p75:7.5 days p90:7 days

Wind Speed > 15.0 knots Mean: 9.7 days Range: 6.5 - 12.8 days p50:10.5 days p75:8.5 days p90:5.5 days
Wind Speed > 20.0 knots Mean: 3.1 days Range: 1.3 - 4.8 days p50:3.5 days p75:1.5 days p90:1 days
Wind Speed > 25.0 knots Mean: 0.6 days Range: 0.0 - 1.3 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 0.2 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 2.1 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 0.5 times per month
Wave Height < 8.0 ft	A 1 day or longer window will statistically occur 3.2 times per month A 2 day or longer window will statistically occur 2.3 times per month A 3 day or longer window will statistically occur 1.6 times per month

Waves

Mean Height: 8 - 10 ft
The wave heights will occasionally reach 14 - 16 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 25 - 30 kts, but rarely greater.
Principle Direction, from: S

Currents

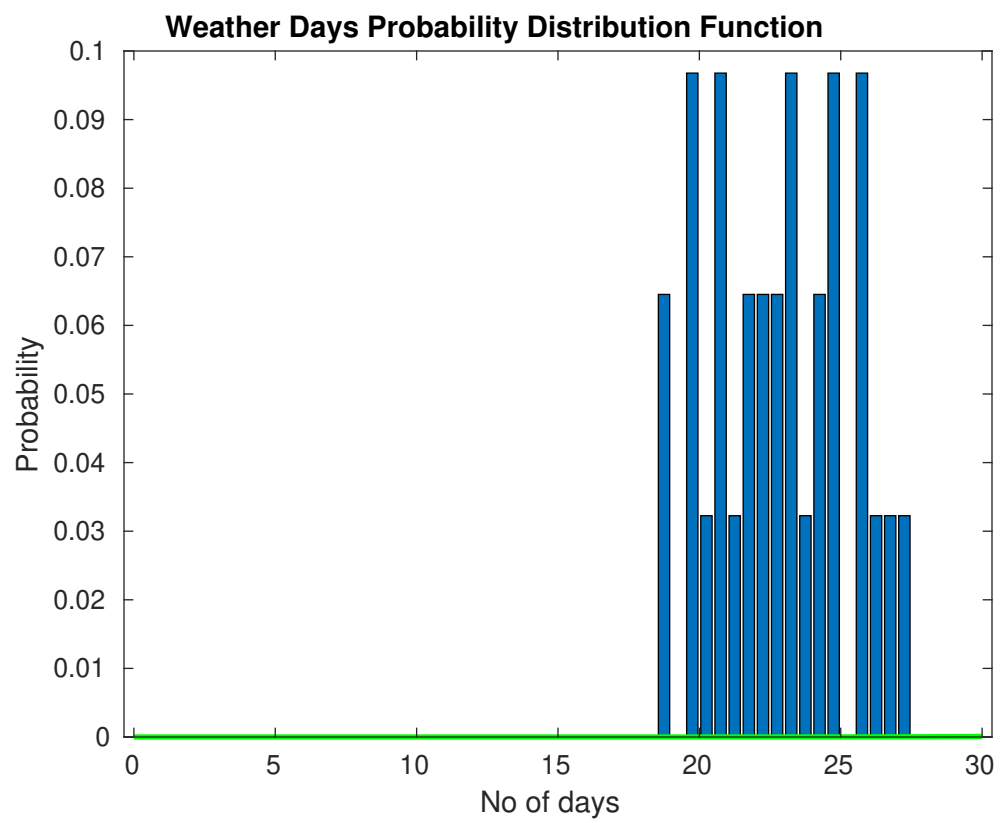
Mean Speed: 0.25-0.50 kts
The currents will occasionally reach 0.75-1.00 kts, but rarely greater.
Principle Direction, to: NNW

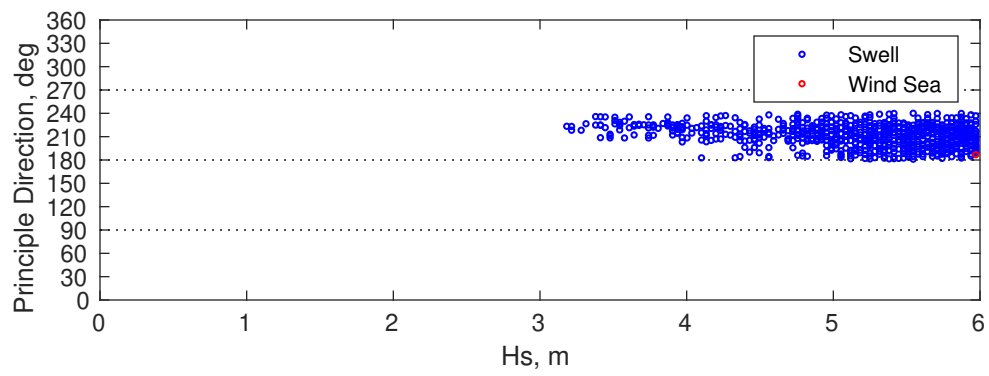
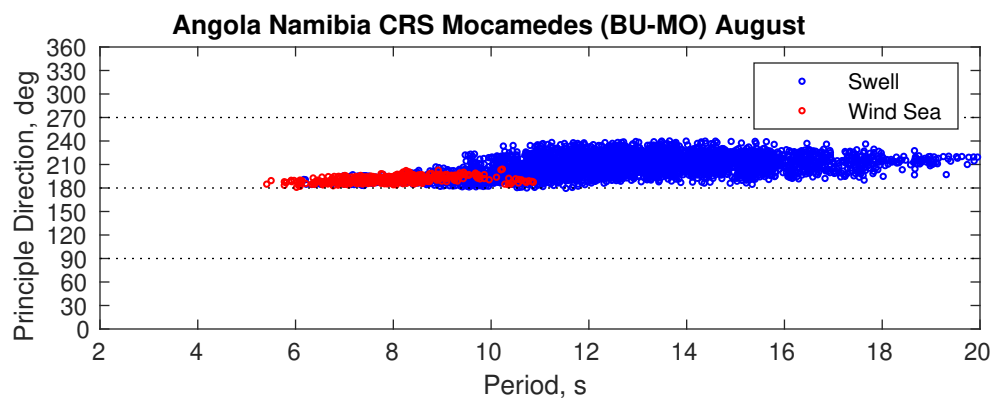
Weather Days

Current Speed > 0.5 knots Mean: 3.4 days Range: 0.3 - 6.5 days p50:3 days p75:2 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

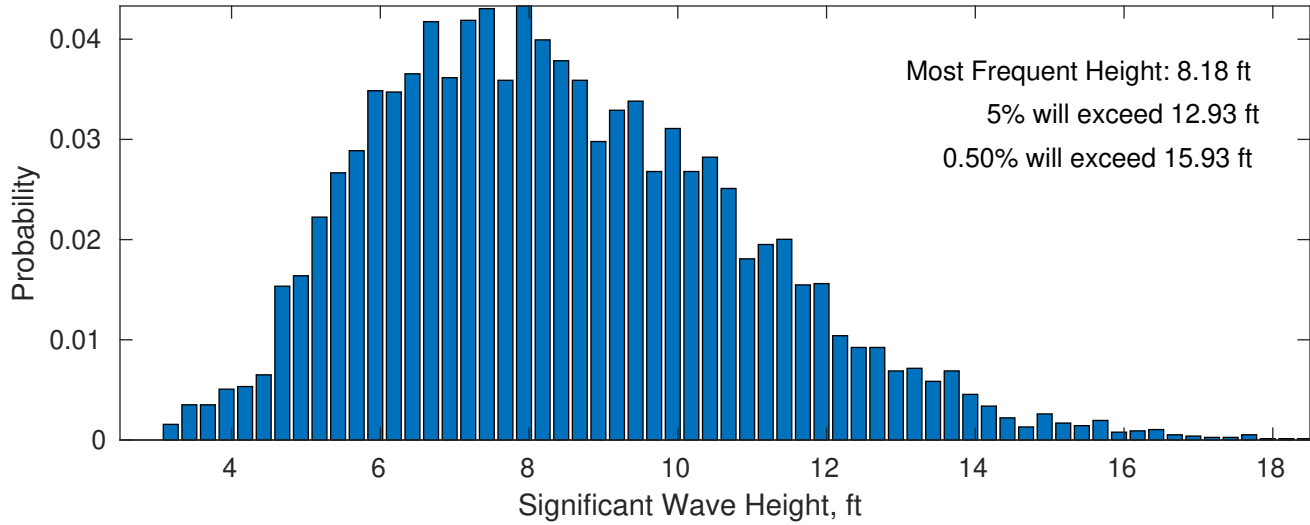
Severe Storms

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

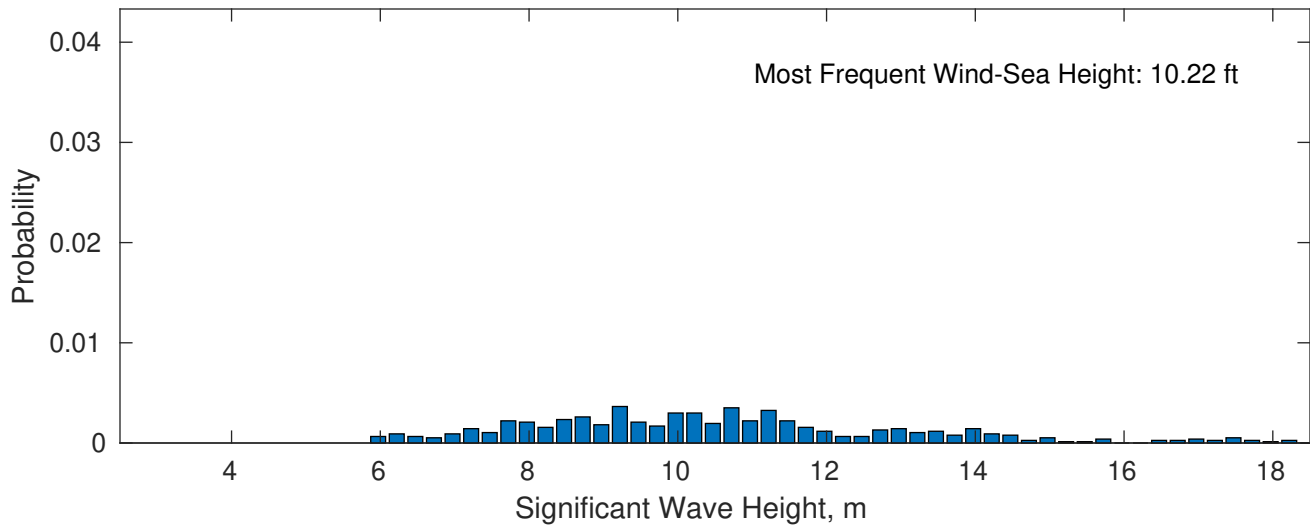




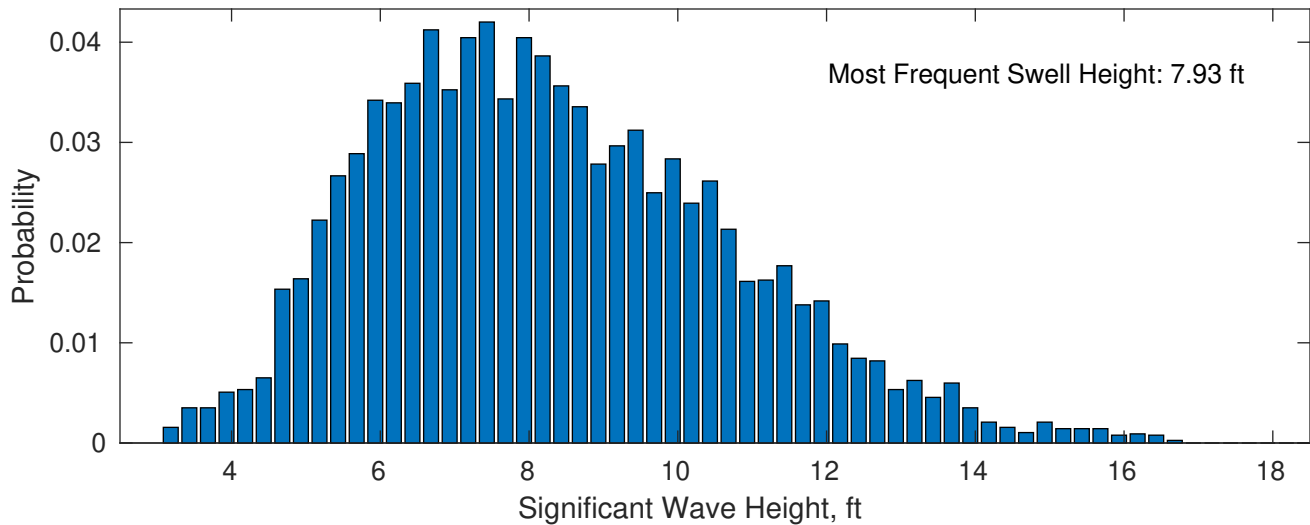
August Wave Height PDF: 1979 - 2015



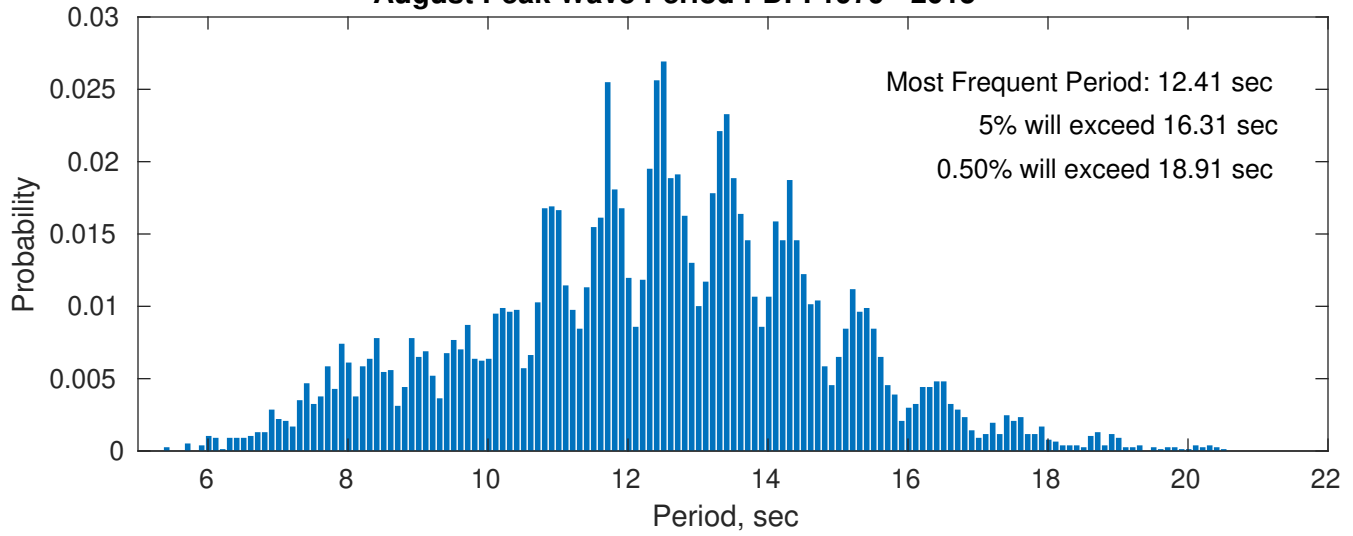
Wind-Sea: 6.19%



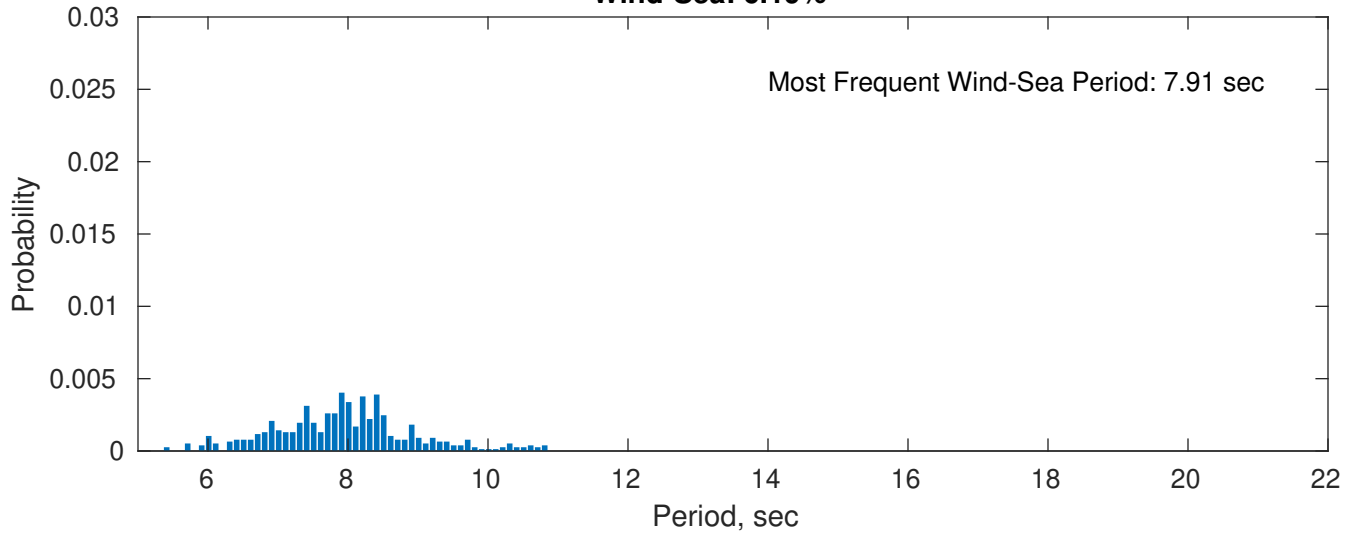
Swell: 93.81%



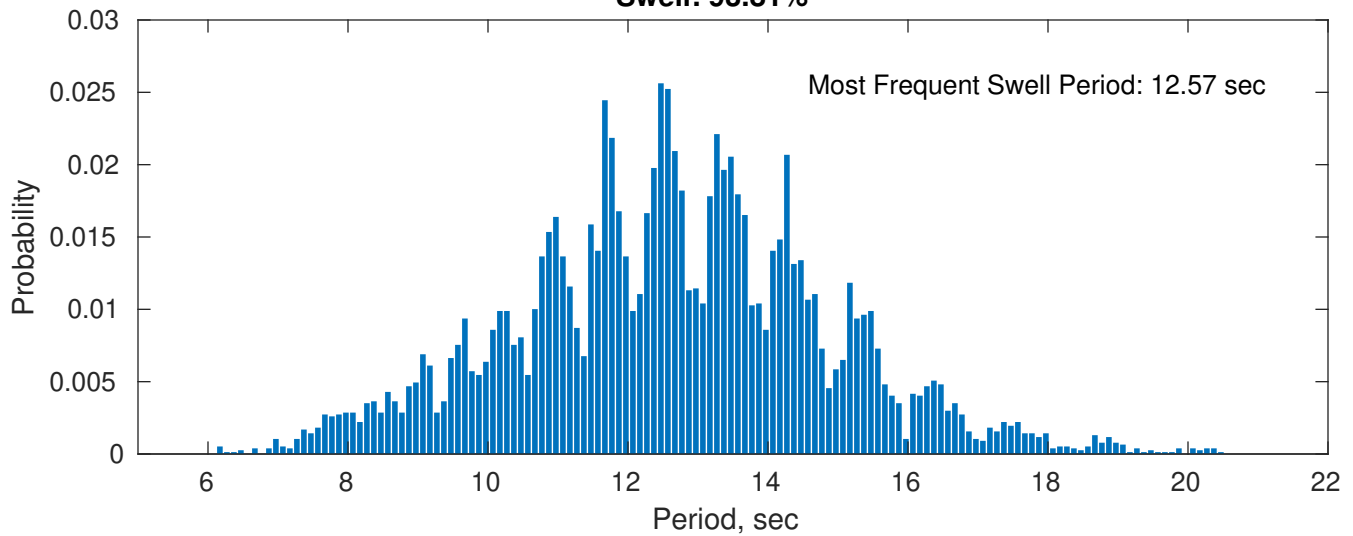
August Peak Wave Period PDF: 1979 - 2015



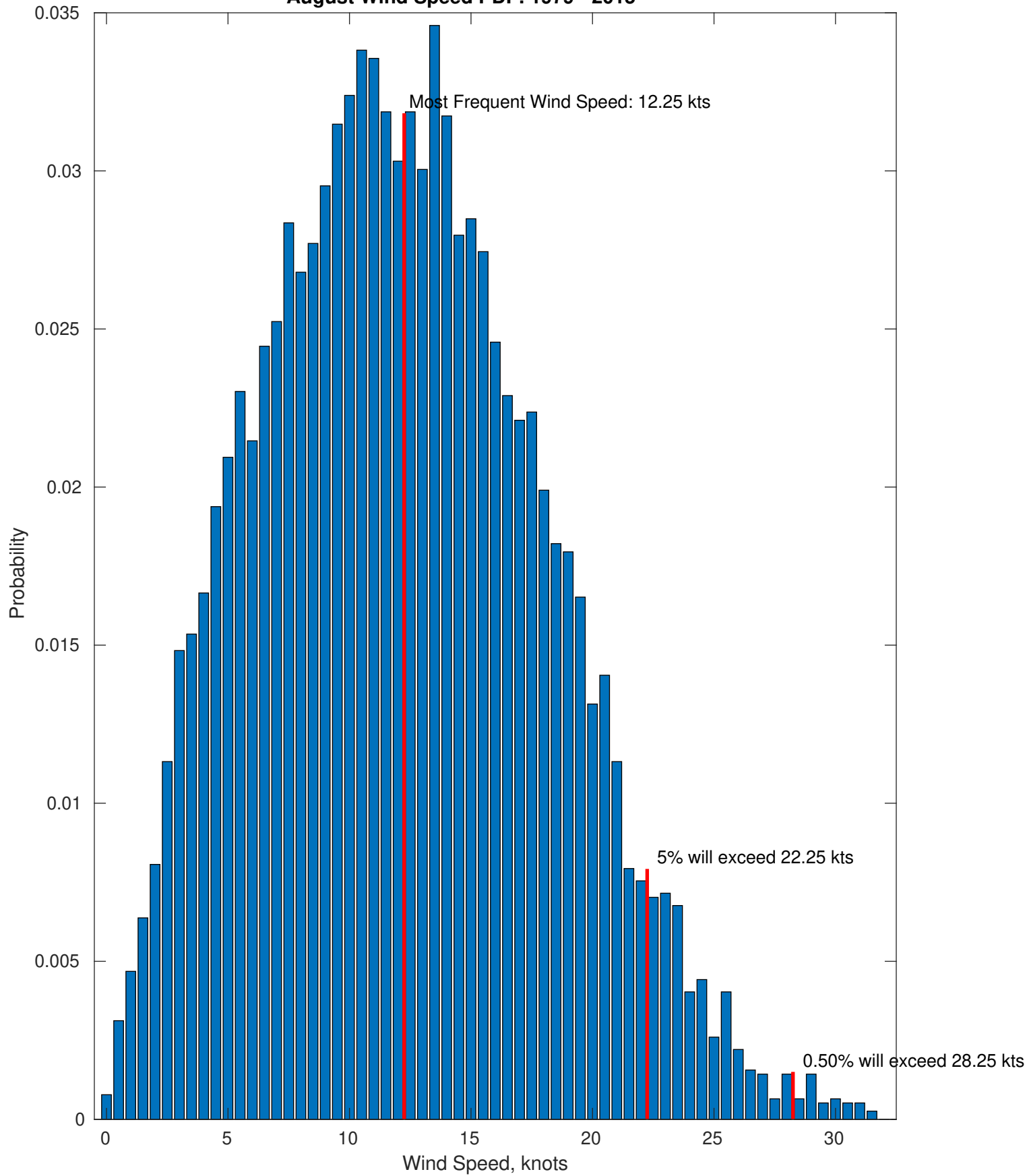
Wind-Sea: 6.19%



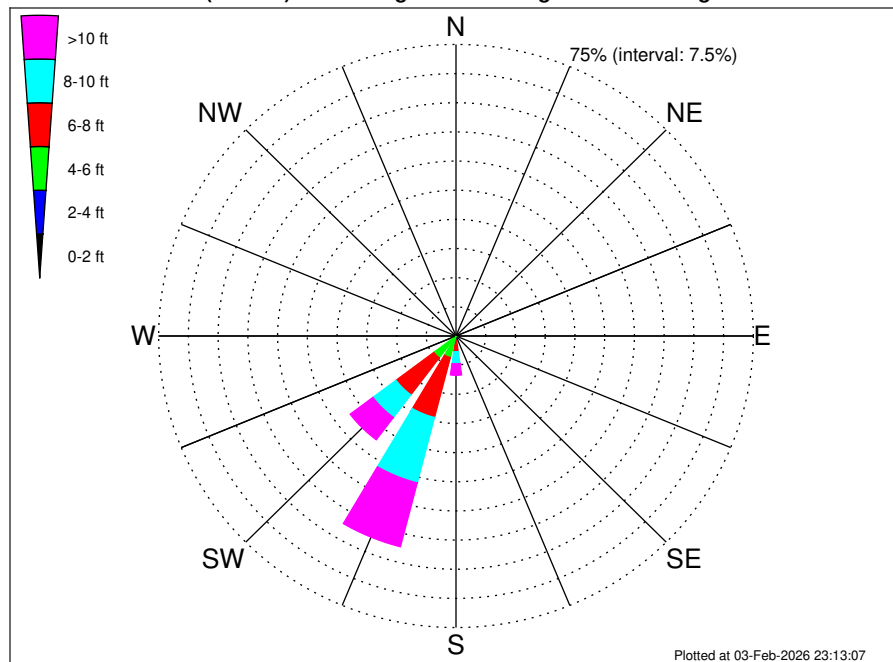
Swell: 93.81%



August Wind Speed PDF: 1979 - 2015



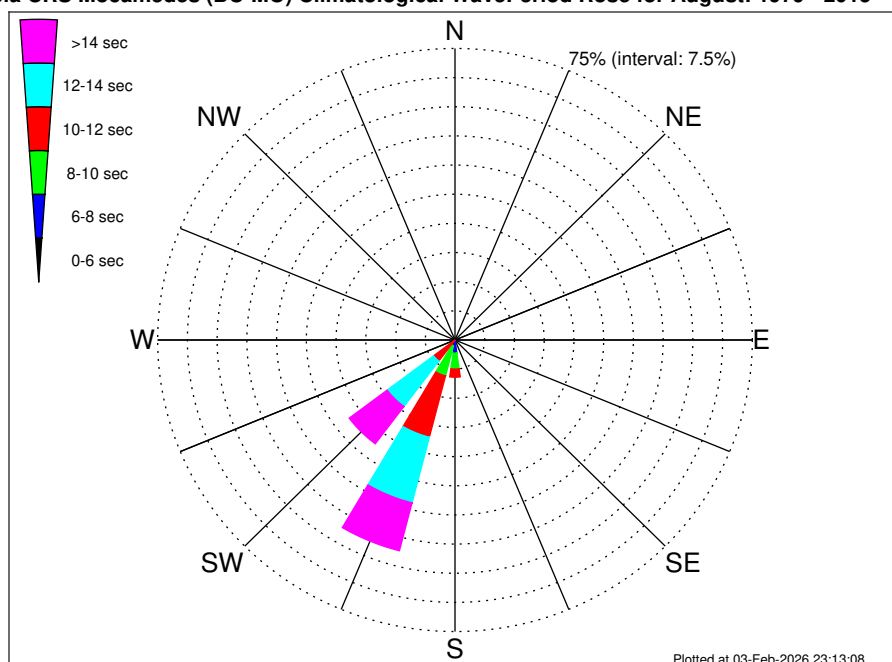
Angola Namibia CRS Mocamedes (BU-MO) Climatological WaveHeight Rose for August: 1979 - 2015



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	0.88	•	•	•	•	•	1.04
4 - 6 ft	•	•	•	•	•	•	•	•	1.35	5.57	6.14	0.30	•	•	•	•	13.36
6 - 8 ft	•	•	•	•	•	•	•	•	2.69	15.93	11.93	0.18	•	•	•	•	30.74
8 - 10 ft	•	•	•	•	•	•	•	•	3.11	17.38	7.30	•	•	•	•	•	27.78
10 - 12 ft	•	•	•	•	•	•	•	•	2.24	11.13	4.58	•	•	•	•	•	17.95
12 - 14 ft	•	•	•	•	•	•	•	•	0.44	4.49	1.89	•	•	•	•	•	6.82
14 - 16 ft	•	•	•	•	•	•	•	•	0.10	1.08	0.65	•	•	•	•	•	1.83
16 - 18 ft	•	•	•	•	•	•	•	•	0.13	0.26	0.05	•	•	•	•	•	0.44
> 18 ft	•	•	•	•	•	•	•	•	0.04	•	•	•	•	•	•	•	0.04
Total	•	•	•	•	•	•	•	•	10.11	56.00	33.42	0.48	•	•	•	•	100.00

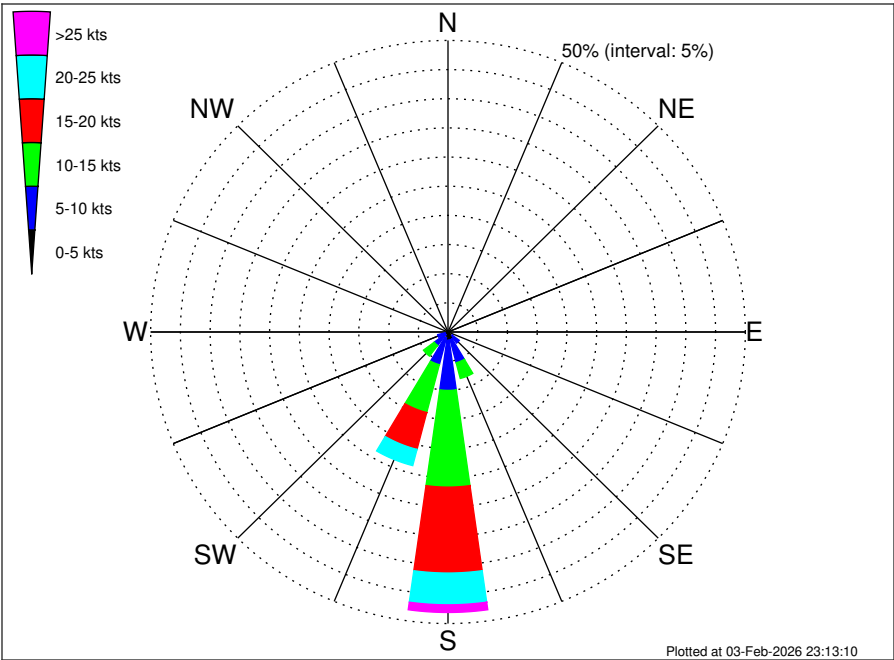
Angola Namibia CRS Mocamedes (BU-MO) Climatological WavePeriod Rose for August: 1979 - 2015



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	•	•	•	•	•	•	•	•	0.12	•	•	•	•	•	•	•	0.12
6 - 8 sec	•	•	•	•	•	•	•	•	3.25	1.65	•	•	•	•	•	•	4.90
8 - 10 sec	•	•	•	•	•	•	•	•	4.11	7.88	0.16	•	•	•	•	•	12.15
10 - 12 sec	•	•	•	•	•	•	•	•	2.09	16.30	6.61	0.09	•	•	•	•	25.09
12 - 14 sec	•	•	•	•	•	•	•	•	0.35	17.44	14.67	0.21	•	•	•	•	32.67
14 - 16 sec	•	•	•	•	•	•	•	•	0.17	9.91	8.62	0.17	•	•	•	•	18.87
18 - 20 sec	•	•	•	•	•	•	•	•	0.01	2.41	2.64	0.01	•	•	•	•	5.07
22 - 24 sec	•	•	•	•	•	•	•	•	•	0.40	0.72	•	•	•	•	•	1.12
Total	•	•	•	•	•	•	•	•	10.11	56.00	33.42	0.48	•	•	•	•	100.00

Angola Namibia CRS Mocamedes (BU-MO) Climatological Wind Rose for August: 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	0.03	0.01	0.05	•	0.03	0.04	0.03	0.07	0.01	0.04	•	•	0.04	0.01	0.03	0.39
0 - 5 kts	0.31	0.34	0.36	0.36	0.46	0.88	0.87	1.34	1.35	1.04	0.56	0.52	0.35	0.35	0.25	0.31	9.66
5 - 10 kts	0.18	0.23	0.20	0.18	0.23	0.48	1.47	4.07	8.60	4.73	2.30	1.27	0.79	0.47	0.36	0.31	25.90
10 - 15 kts	0.01	0.01	•	•	0.03	0.08	0.36	2.80	16.58	8.48	2.28	0.75	0.22	0.13	0.08	•	31.82
15 - 20 kts	•	•	•	•	•	•	0.01	0.25	14.74	6.53	0.47	0.04	•	•	0.01	•	22.05
20 - 25 kts	•	•	•	•	•	•	•	•	5.45	2.87	0.01	•	•	•	•	•	8.34
25 - 30 kts	•	•	•	•	•	•	•	•	1.16	0.49	•	•	•	•	•	•	1.65
30 - 35 kts	•	•	•	•	•	•	•	•	0.16	0.04	•	•	•	•	•	•	0.20
35 - 40 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
40 - 45 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
45 - 50 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	0.52	0.61	0.57	0.60	0.72	1.47	2.76	8.48	48.10	24.21	5.66	2.59	1.37	0.99	0.72	0.65	100.00