

Angola Namibia CRS Mocamedes (BU-MO) - June

Latitude: 15.12 S Longitude: 11.03 E

Weather Days

Wave Height > 5.0 ft Mean: 21.2 days Range: 18.7 - 23.7 days p50:21.5 days p75:19.5 days p90:18.5 days
Wave Height > 6.5 ft Mean: 12.8 days Range: 9.5 - 16.0 days p50:13 days p75:11 days p90:7 days
Wave Height > 8.0 ft Mean: 5.4 days Range: 2.7 - 8.2 days p50:5 days p75:3.5 days p90:2 days

Wind Speed > 15.0 knots Mean: 11.8 days Range: 9.3 - 14.3 days p50:12 days p75:10 days p90:9.5 days
Wind Speed > 20.0 knots Mean: 2.2 days Range: 1.2 - 3.1 days p50:2.5 days p75:2 days p90:1.5 days
Wind Speed > 25.0 knots Mean: 0.1 days Range: 0.0 - 0.3 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 0.6 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 0.0 times per month
Wave Height < 6.5 ft	A 1 day or longer window will statistically occur 2.5 times per month A 2 day or longer window will statistically occur 1.2 times per month A 3 day or longer window will statistically occur 0.6 times per month
Wave Height < 8.0 ft	A 1 day or longer window will statistically occur 3.7 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 1.9 times per month

Waves

Mean Height: 6 - 8 ft
The wave heights will occasionally reach 12 - 14 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: 4% / 96%

Winds

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

Currents

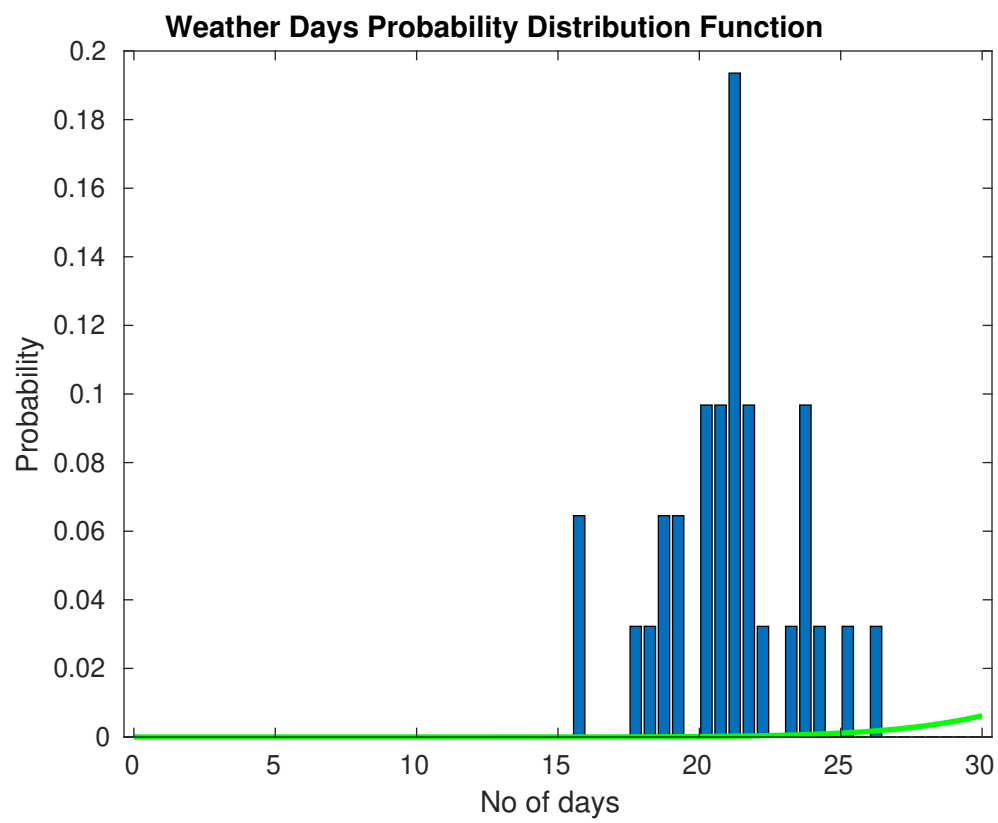
Mean Speed: 0.25-0.50 kts
The currents will occasionally reach 0.75-1.00 kts, but rarely greater.
Principle Direction, to: NNW

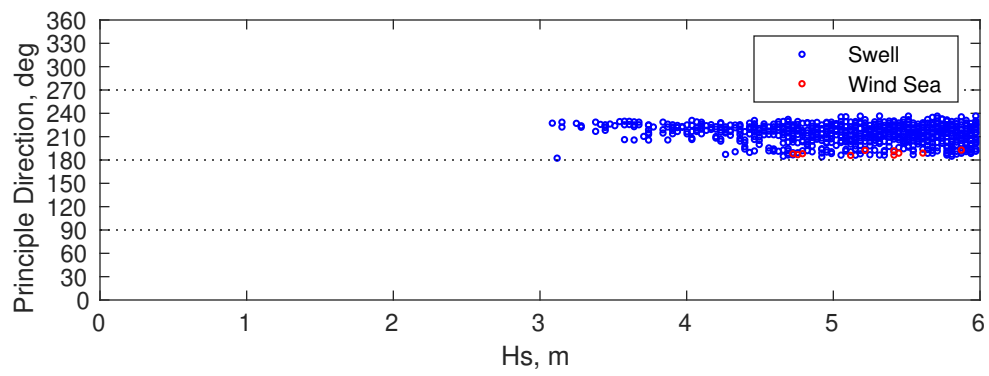
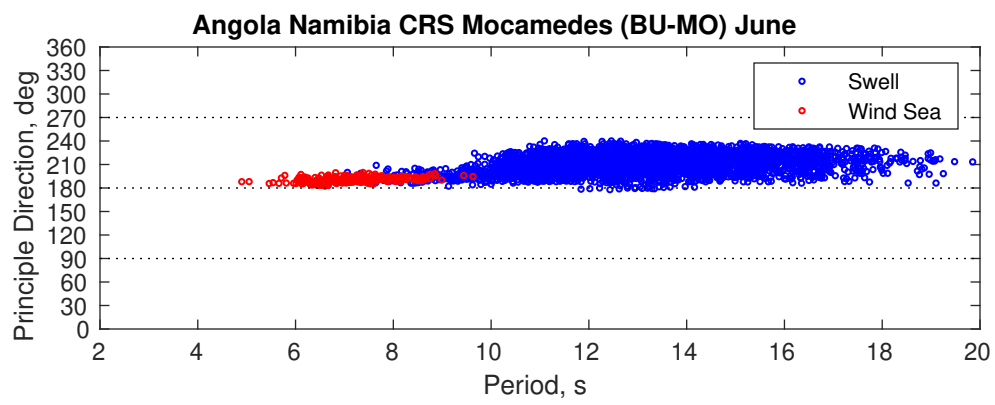
Weather Days

Current Speed > 0.5 knots Mean: 4.8 days Range: 0.4 - 9.1 days p50:5 days p75:2 days p90:1 days
Current Speed > 1.0 knots Mean: 0.1 days Range: 0.0 - 0.5 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

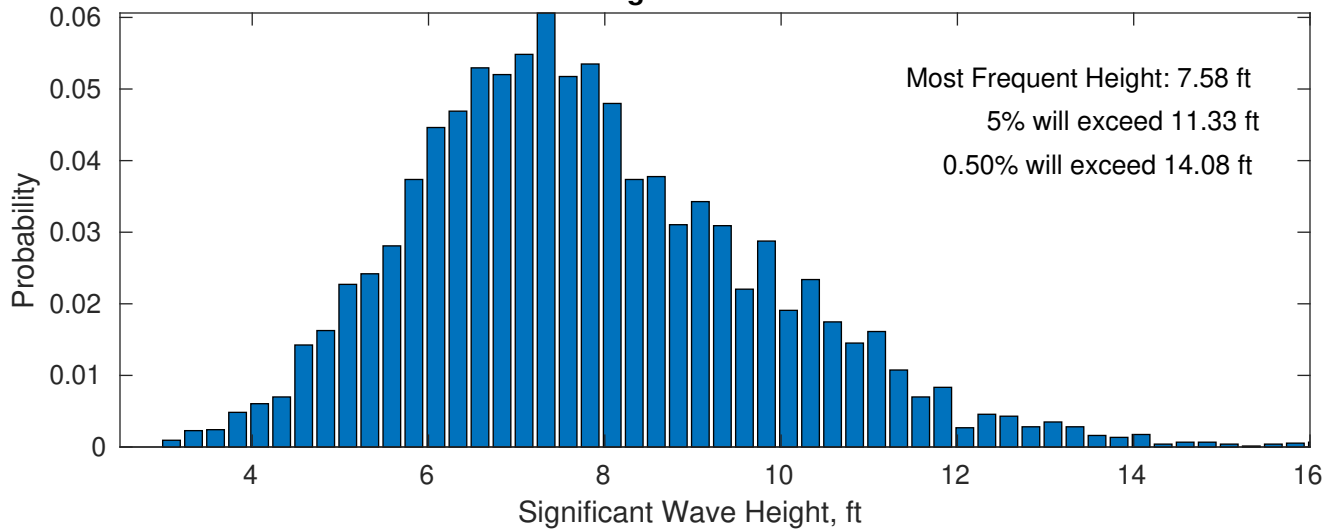
Severe Storms

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

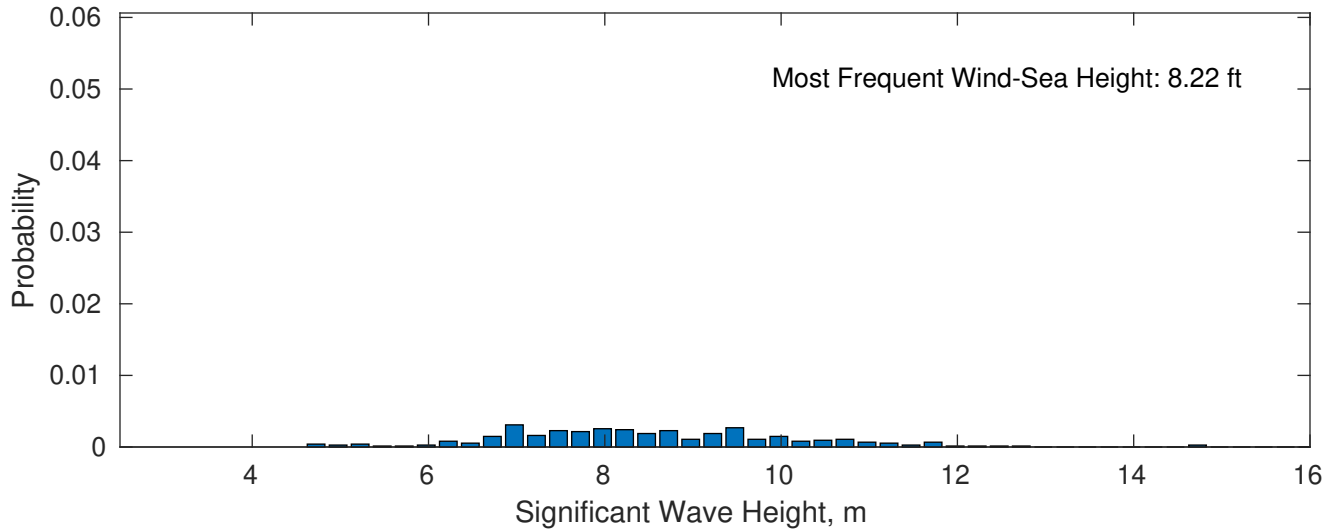




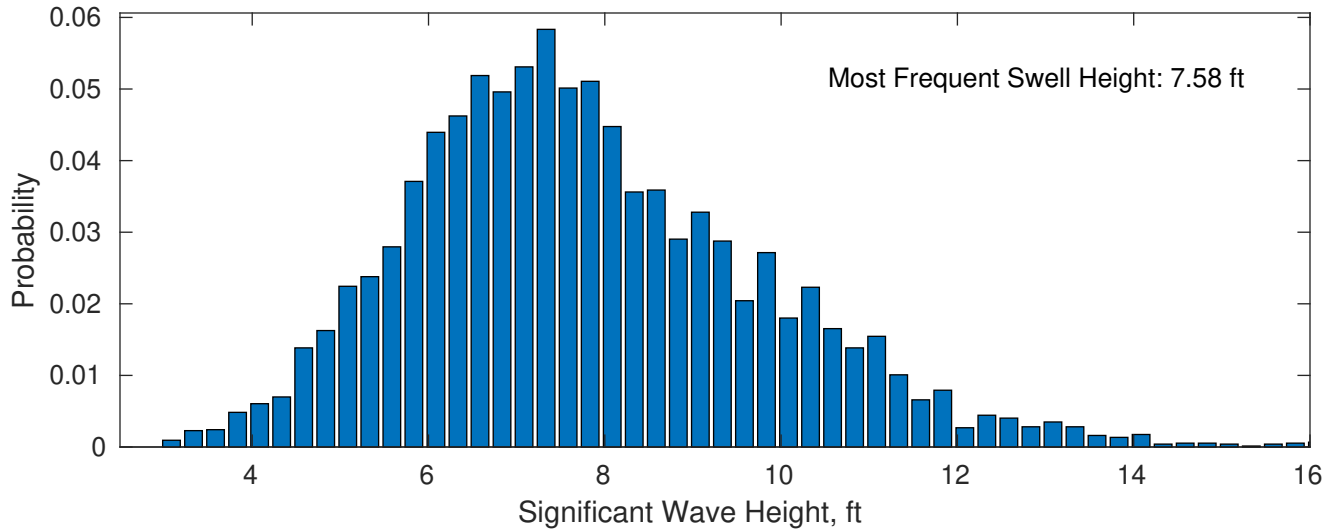
June Wave Height PDF: 1979 - 2015



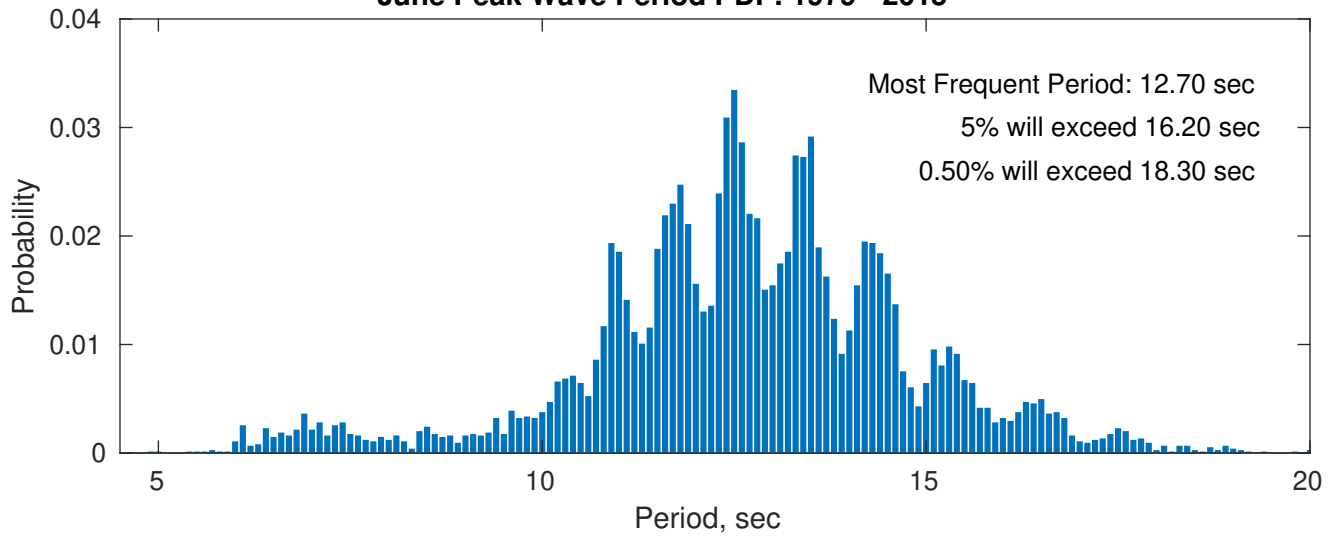
Wind-Sea: 3.67%



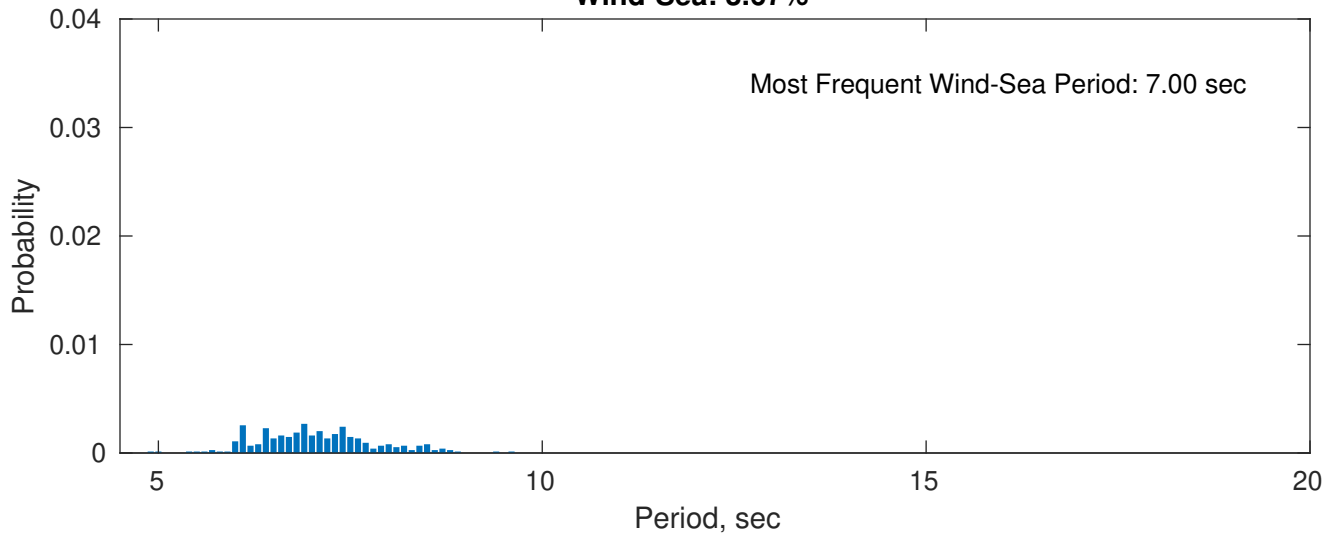
Swell: 96.33%



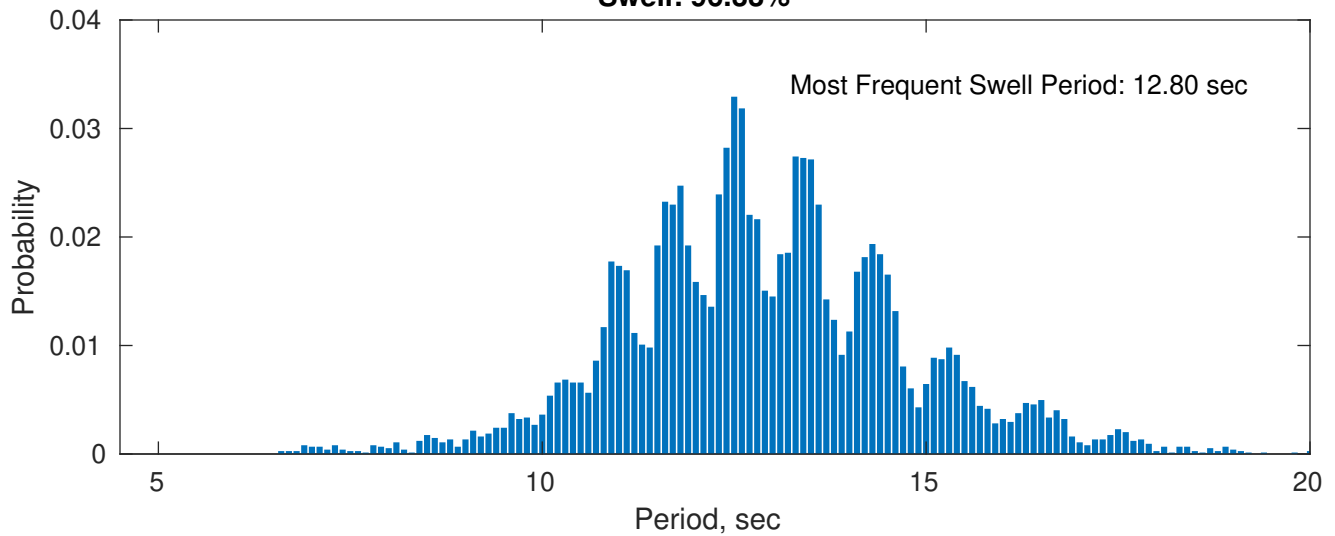
June Peak Wave Period PDF: 1979 - 2015



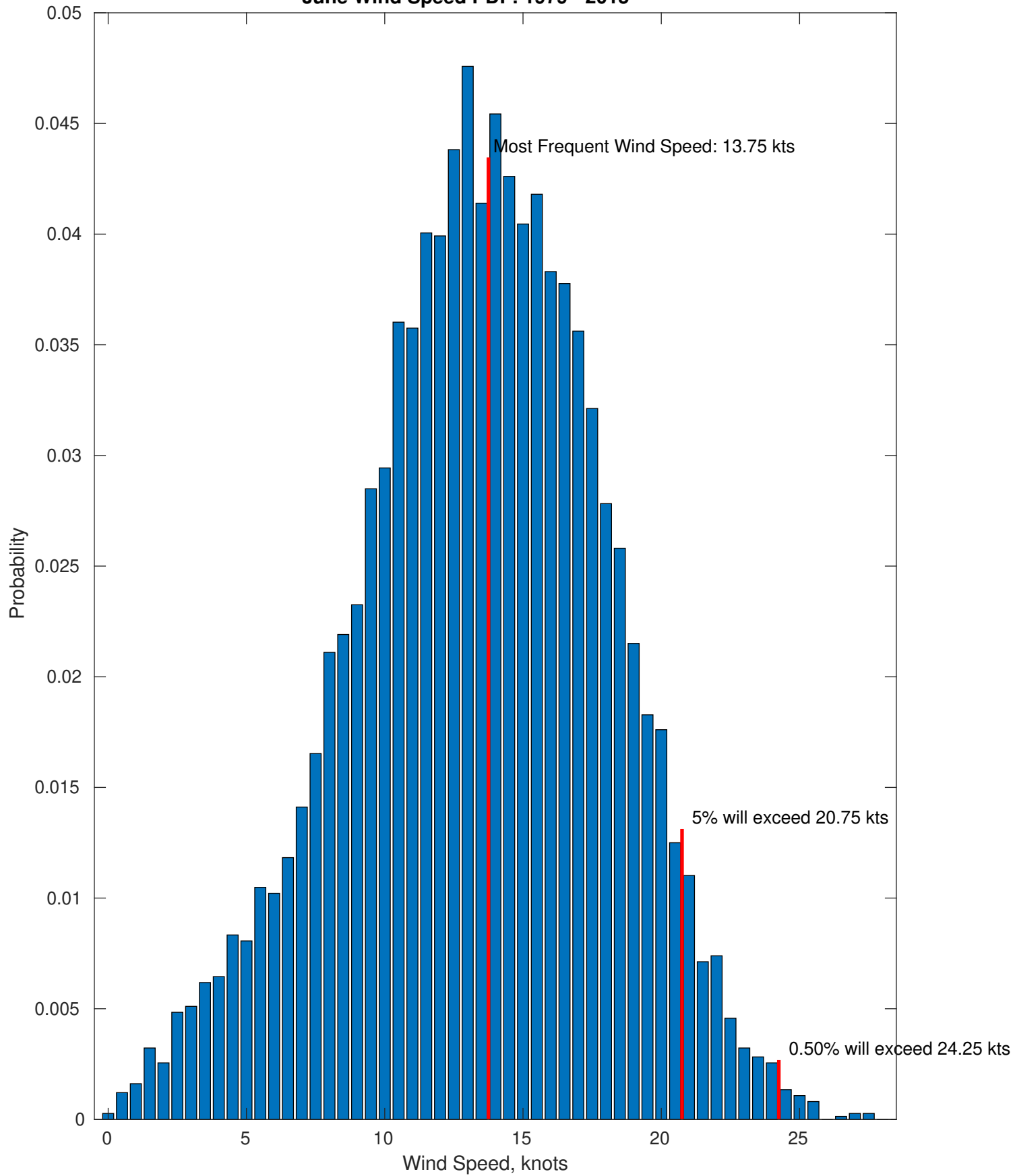
Wind-Sea: 3.67%



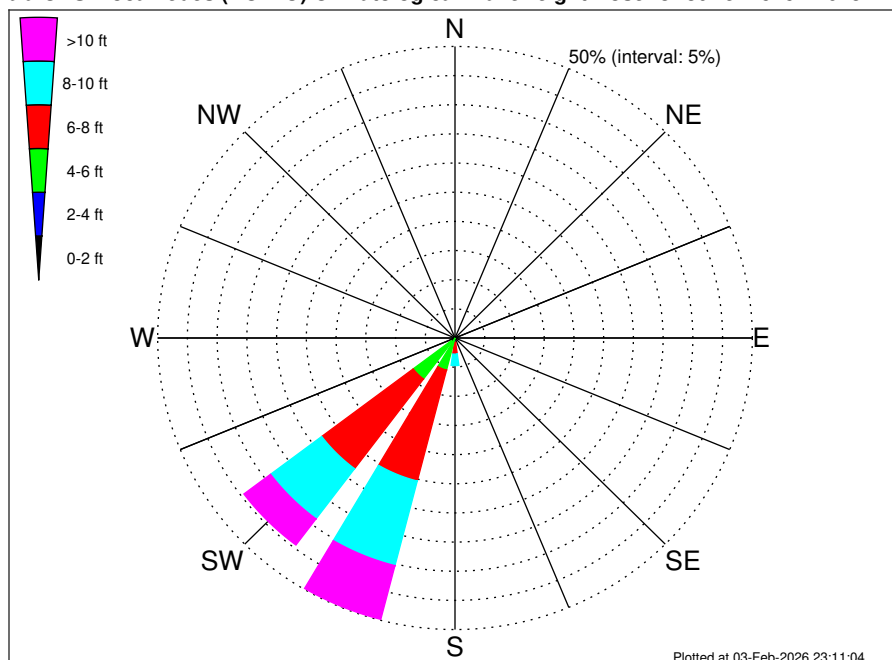
Swell: 96.33%



June Wind Speed PDF: 1979 - 2015



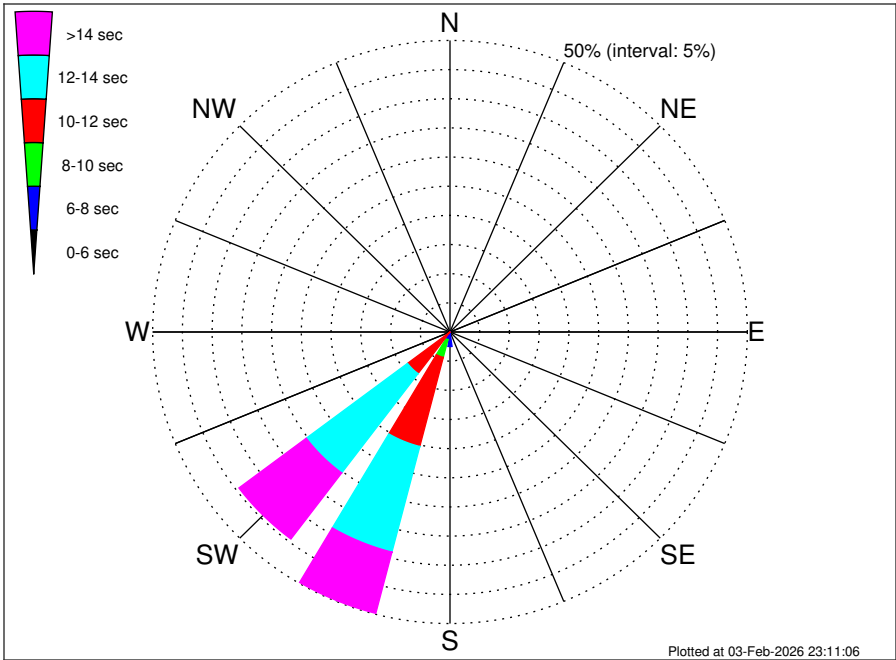
Angola Namibia CRS Mocamedes (BU-MO) Climatological WaveHeight Rose for June: 1979 - 2015



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	•	•	•	•	•	•	•	•	0.01	0.09	0.75	•	•	•	•	•	0.86
4 - 6 ft	•	•	•	•	•	•	•	•	0.77	5.59	8.05	0.07	•	•	•	•	14.48
6 - 8 ft	•	•	•	•	•	•	•	•	1.99	19.65	19.26	0.22	•	•	•	•	41.12
8 - 10 ft	•	•	•	•	•	•	•	•	1.96	14.99	10.78	0.04	•	•	•	•	27.77
10 - 12 ft	•	•	•	•	•	•	•	•	0.65	7.58	4.31	•	•	•	•	•	12.54
12 - 14 ft	•	•	•	•	•	•	•	•	0.01	1.64	0.98	•	•	•	•	•	2.63
14 - 16 ft	•	•	•	•	•	•	•	•	•	0.26	0.23	•	•	•	•	•	0.48
16 - 18 ft	•	•	•	•	•	•	•	•	•	0.04	0.08	•	•	•	•	•	0.12
> 18 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	•	•	•	•	•	•	•	•	5.39	49.84	44.45	0.32	•	•	•	•	100.00

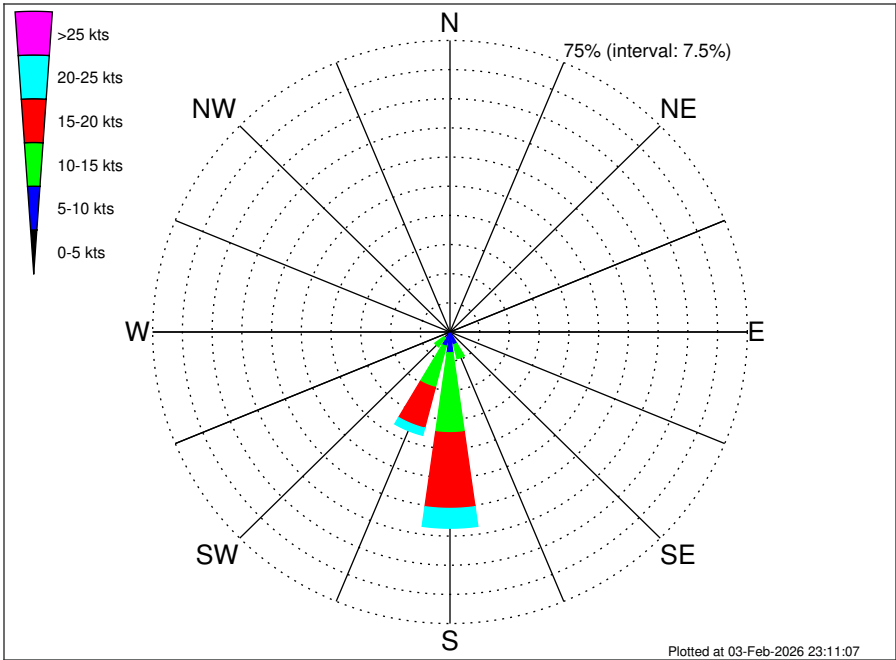
Angola Namibia CRS Mocamedes (BU-MO) Climatological WavePeriod Rose for June: 1979 - 2015



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	0.03	.	.	.	.	.	.	0.12
6 - 8 sec	.	.	.	.	.	.	.	.	2.41	1.32	.	.	.	.	.	.	3.72
8 - 10 sec	.	.	.	.	.	.	.	.	0.79	3.16	0.05	.	.	.	.	.	4.01
10 - 12 sec	.	.	.	.	.	.	.	.	0.78	15.78	8.88	0.09	.	.	.	.	25.54
12 - 14 sec	.	.	.	.	.	.	.	.	0.87	18.71	21.33	0.19	.	.	.	.	41.10
14 - 16 sec	.	.	.	.	.	.	.	.	0.32	8.52	10.97	0.04	.	.	.	.	19.85
18 - 20 sec	.	.	.	.	.	.	.	.	0.09	2.08	2.86	.	.	.	.	.	5.04
22 - 24 sec	.	.	.	.	.	.	.	.	0.03	0.24	0.35	.	.	.	.	.	0.62
Total	.	.	.	.	.	.	.	.	5.39	49.84	44.45	0.32	.	.	.	.	100.00

Angola Namibia CRS Mocamedes (BU-MO) Climatological Wind Rose for June: 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	•	0.01	0.04	•	•	•	0.01	•	•	0.03	•	0.15
0 - 5 kts	0.04	0.07	0.13	0.13	0.17	0.28	0.36	0.54	0.38	0.44	0.32	0.31	0.23	0.24	0.15	0.03	3.83
5 - 10 kts	0.01	0.03	0.04	0.09	0.26	0.52	1.17	2.82	4.97	3.35	1.75	1.02	0.35	0.09	0.09	0.03	16.60
10 - 15 kts	•	•	•	•	0.11	0.28	1.18	3.70	20.58	10.95	2.72	0.63	0.03	0.01	•	0.01	40.20
15 - 20 kts	•	•	•	•	•	•	0.08	1.02	19.46	10.81	0.56	0.01	•	•	•	•	31.95
20 - 25 kts	•	•	•	•	•	•	•	0.01	5.08	1.91	0.01	•	•	•	•	•	7.02
25 - 30 kts	•	•	•	•	•	•	•	•	0.24	0.01	•	•	•	•	•	•	0.26
30 - 35 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
35 - 40 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
40 - 45 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
45 - 50 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	0.07	0.09	0.17	0.26	0.55	1.09	2.81	8.13	50.71	27.47	5.36	1.99	0.60	0.35	0.27	0.07	100.00