

Angola Namibia CRS Mocamedes (BU-MO) - April

Latitude: 15.12 S Longitude: 11.03 E

Weather Days

Wave Height > 5.0 ft Mean: 20.4 days Range: 17.3 - 23.5 days p50:20.5 days p75:18.5 days p90:18 days
Wave Height > 6.5 ft Mean: 12.3 days Range: 9.2 - 15.4 days p50:12.5 days p75:10 days p90:9.5 days
Wave Height > 8.0 ft Mean: 5.3 days Range: 2.9 - 7.8 days p50:6 days p75:4 days p90:2.5 days

Wind Speed > 15.0 knots Mean: 10.9 days Range: 8.0 - 13.9 days p50:11 days p75:9.5 days p90:7.5 days
Wind Speed > 20.0 knots Mean: 1.9 days Range: 0.7 - 3.0 days p50:2 days p75:1 days p90:1 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 0.2 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 2.3 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 3.4 times per month A 2 day or longer window will statistically occur 2.6 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: 6% / 94%

Winds

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

Currents

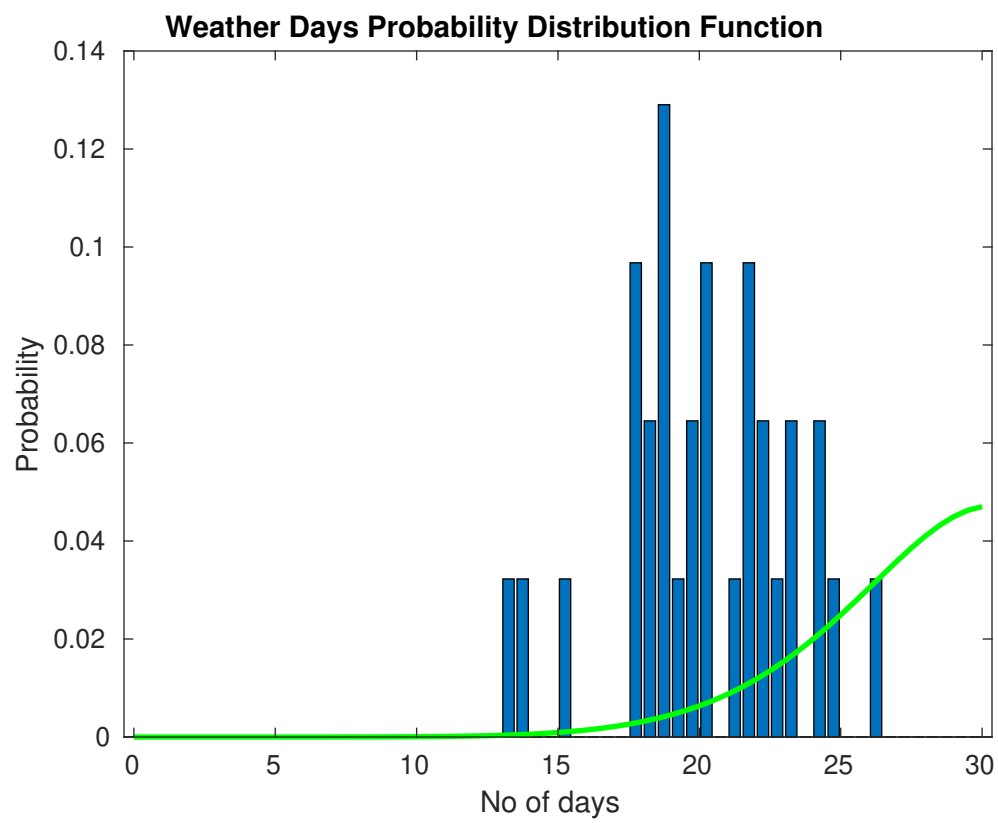
Mean Speed: 0.25-0.50 kts
The currents will occasionally reach 0.75-1.00 kts, but rarely greater.
Principle Direction, to: WSW

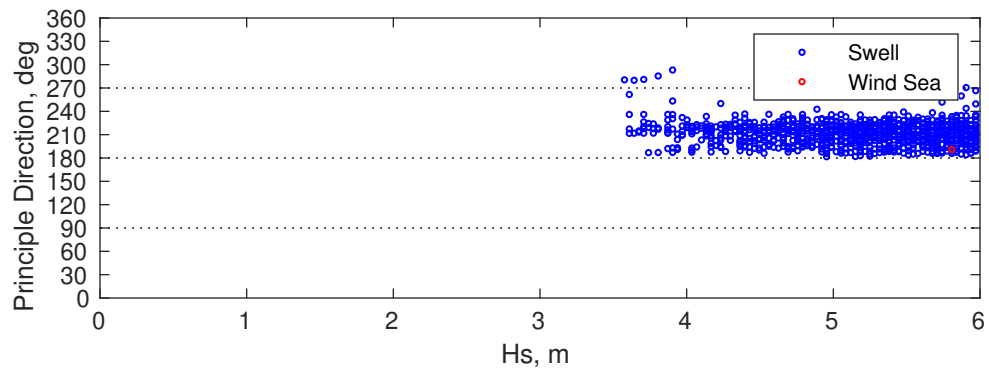
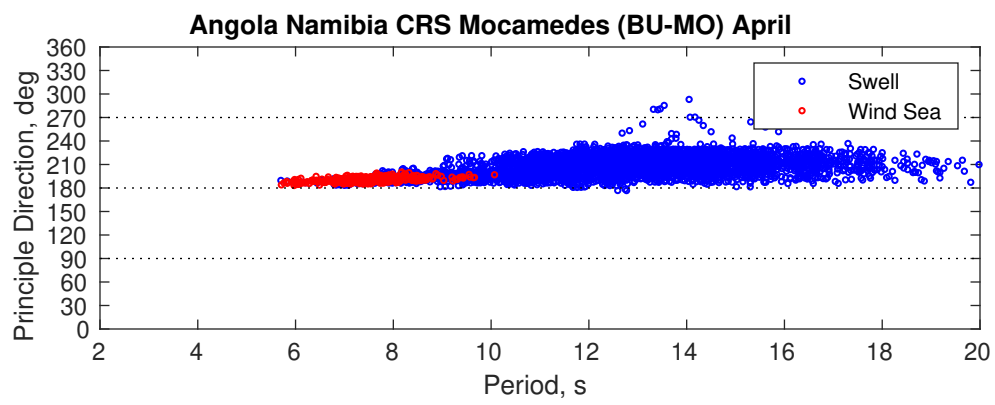
Weather Days

Current Speed > 0.5 knots Mean: 4.6 days Range: 1.8 - 7.5 days p50:5 days p75:3 days p90:3 days
Current Speed > 1.0 knots Mean: 0.1 days Range: 0.0 - 0.6 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

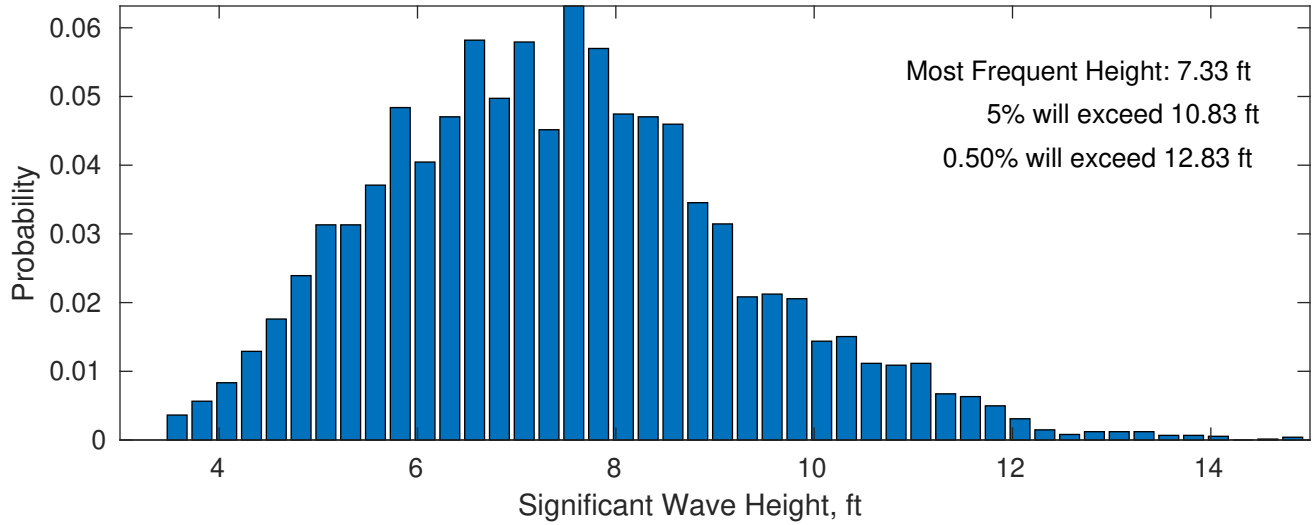
Severe Storms

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

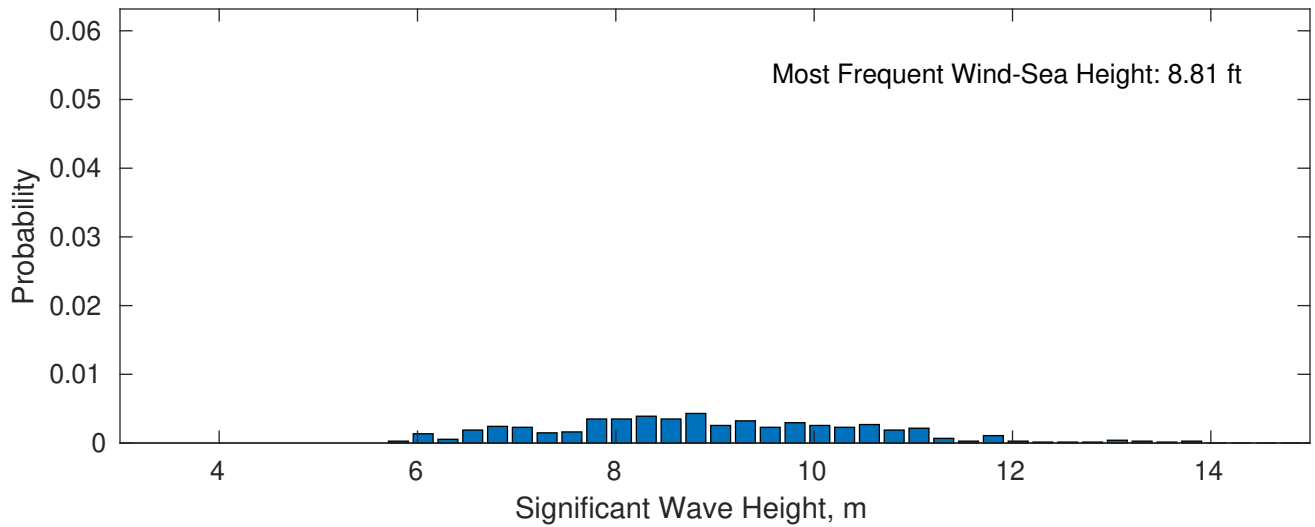




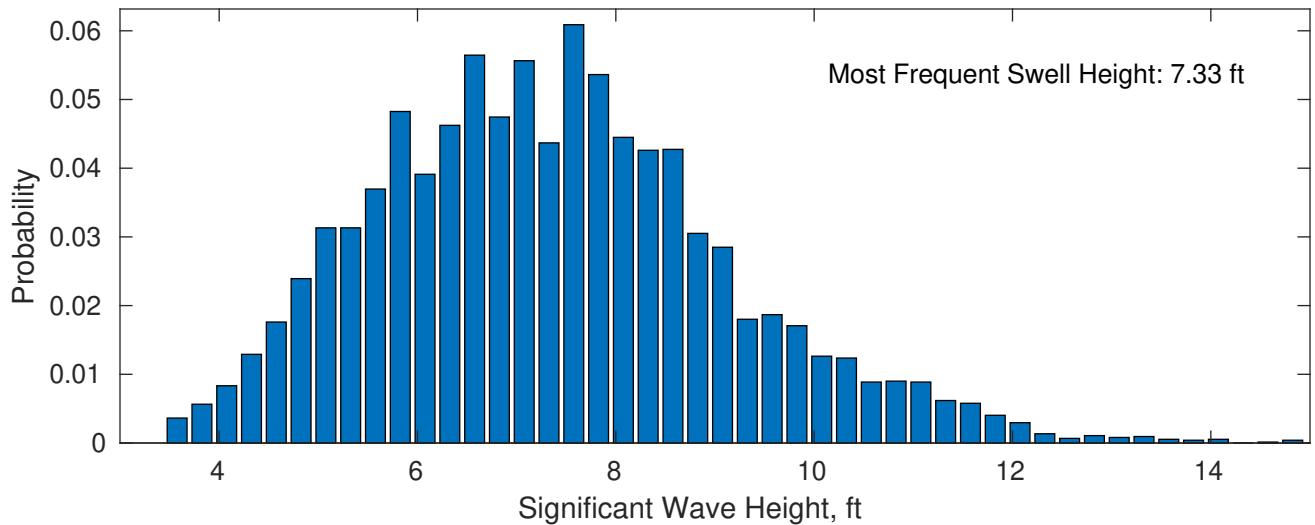
April Wave Height PDF: 1979 - 2015



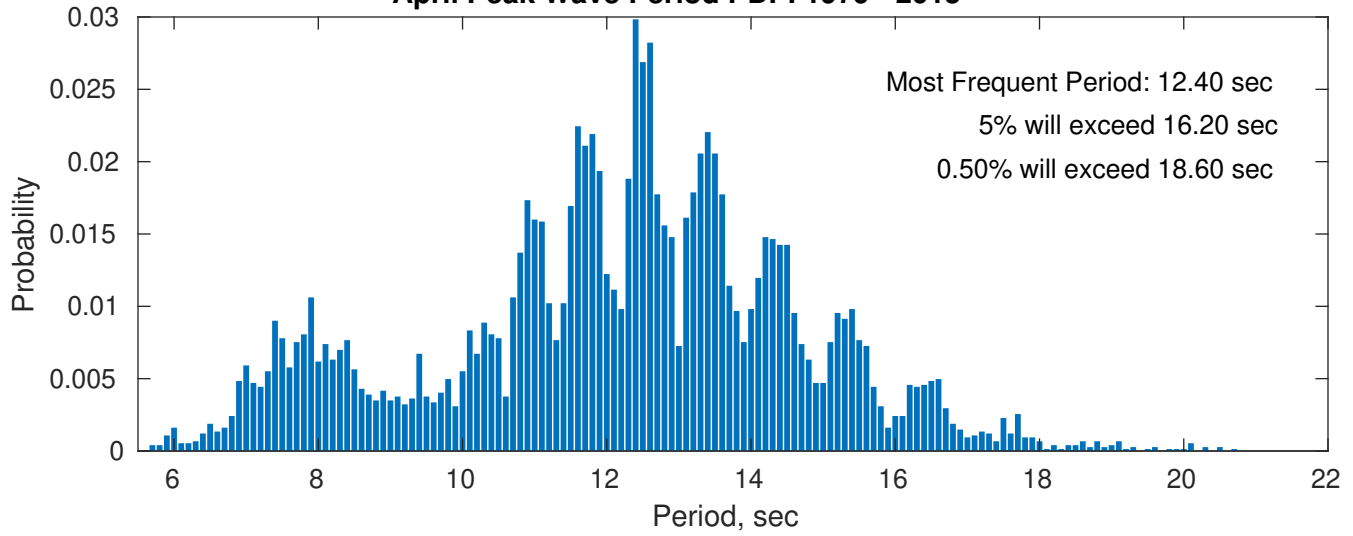
Wind-Sea: 5.69%



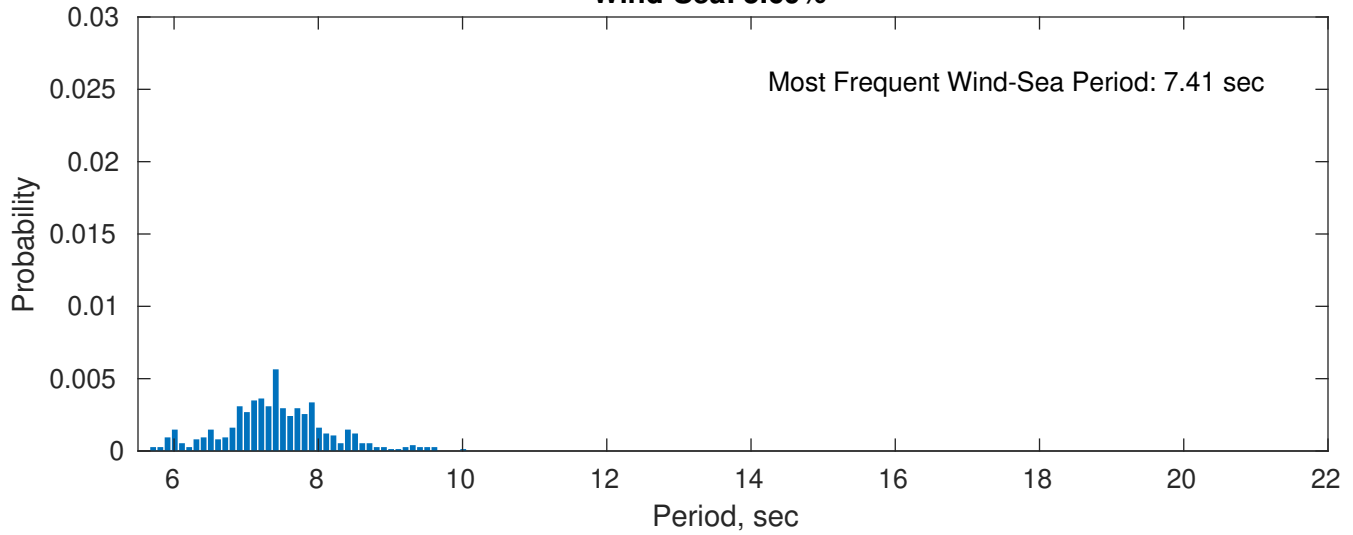
Swell: 94.31%



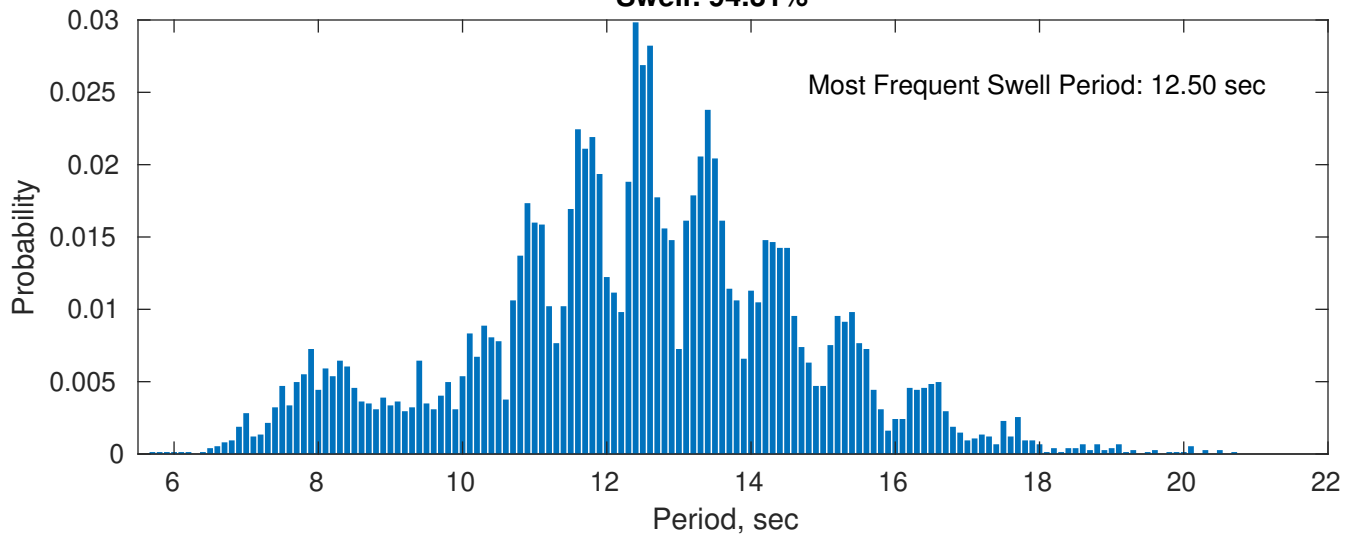
April Peak Wave Period PDF: 1979 - 2015



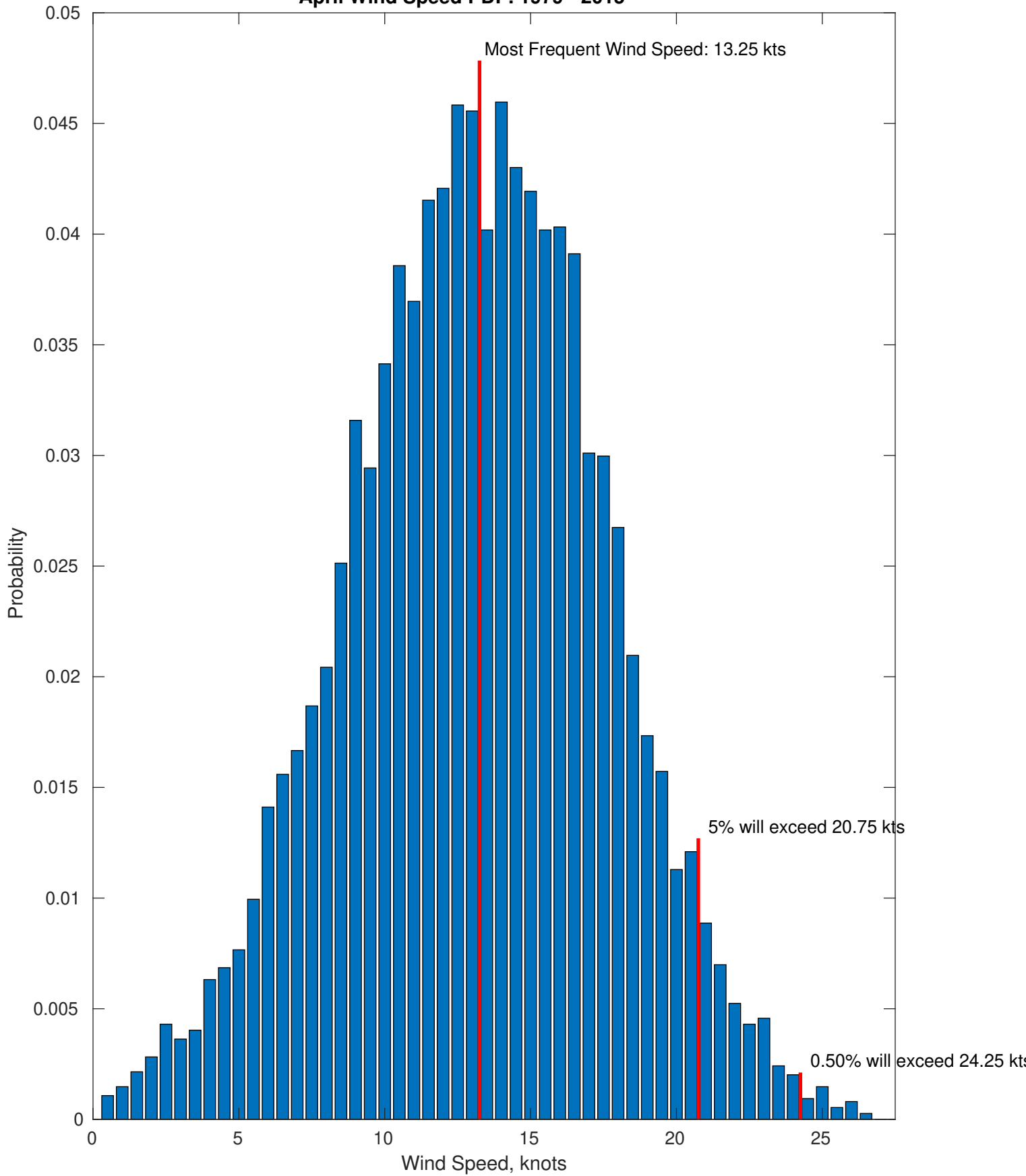
Wind-Sea: 5.69%



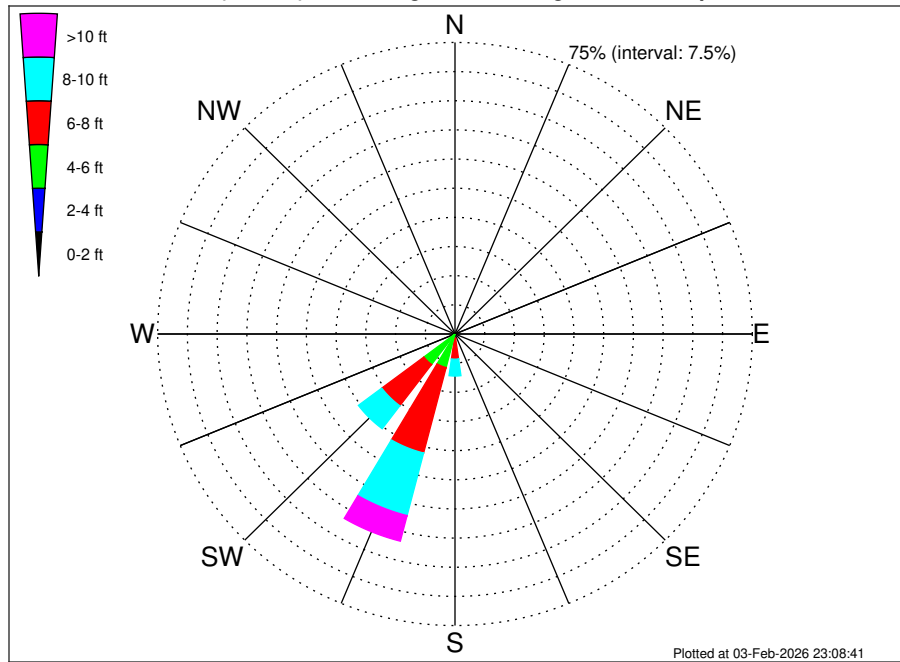
Swell: 94.31%



April Wind Speed PDF: 1979 - 2015



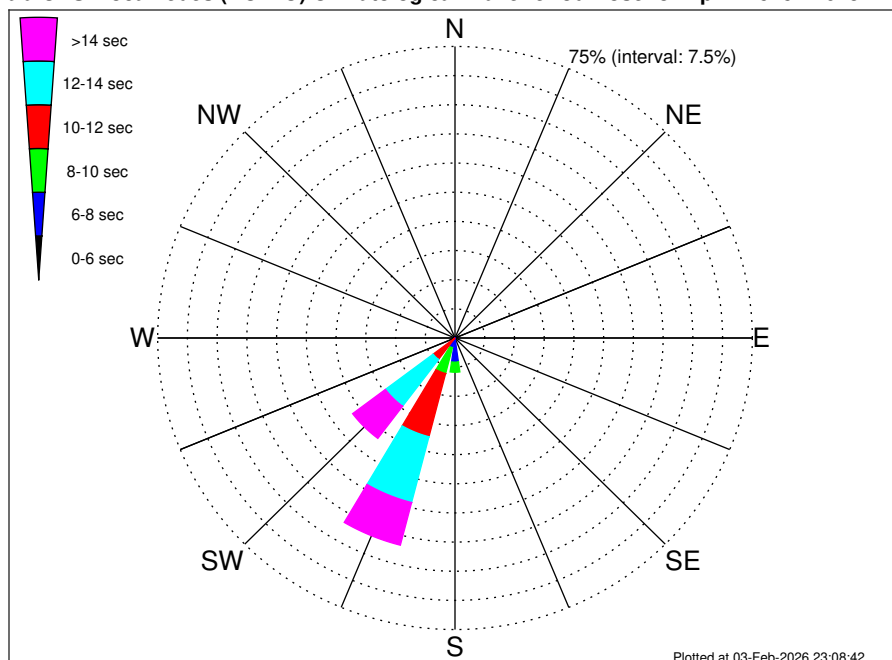
Angola Namibia CRS Mocamedes (BU-MO) Climatological WaveHeight Rose for April: 1979 - 2015



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	•	•	•	•	•	•	•	•	0.05	0.19	0.35	0.01	0.05	0.03	•	•	0.69
4 - 6 ft	•	•	•	•	•	•	•	•	1.08	8.74	9.48	0.12	0.08	•	•	•	19.49
6 - 8 ft	•	•	•	•	•	•	•	•	5.35	22.70	13.31	0.08	0.04	0.05	•	•	41.53
8 - 10 ft	•	•	•	•	•	•	•	•	4.34	16.63	7.38	•	•	•	•	•	28.35
10 - 12 ft	•	•	•	•	•	•	•	•	1.26	5.94	1.40	•	•	•	•	•	8.60
12 - 14 ft	•	•	•	•	•	•	•	•	0.05	0.75	0.40	•	•	•	•	•	1.21
14 - 16 ft	•	•	•	•	•	•	•	•	•	0.11	0.03	•	•	•	•	•	0.13
16 - 18 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
> 18 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	•	•	•	•	•	•	•	•	12.14	55.05	32.34	0.22	0.17	0.08	•	•	100.00

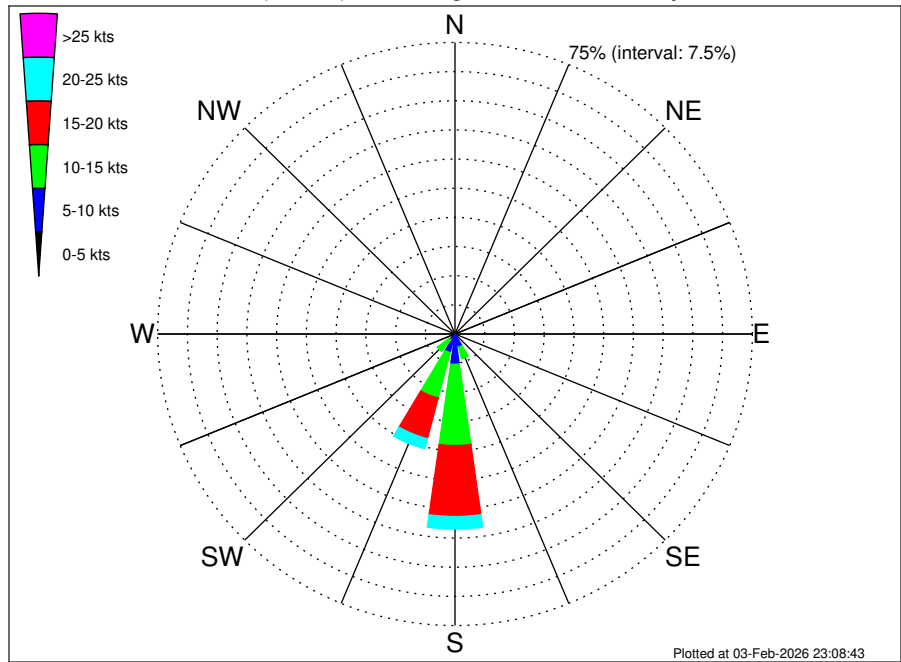
Angola Namibia CRS Mocamedes (BU-MO) Climatological WavePeriod Rose for April: 1979 - 2015



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	•	•	•	•	•	•	•	•	0.19	•	•	•	•	•	•	•	0.19
6 - 8 sec	•	•	•	•	•	•	•	•	6.03	2.57	•	•	•	•	•	•	8.60
8 - 10 sec	•	•	•	•	•	•	•	•	2.58	6.88	0.16	•	•	•	•	•	9.62
10 - 12 sec	•	•	•	•	•	•	•	•	1.69	16.79	6.75	•	•	•	•	•	25.23
12 - 14 sec	•	•	•	•	•	•	•	•	0.93	17.49	15.08	0.13	0.05	0.01	•	•	33.70
14 - 16 sec	•	•	•	•	•	•	•	•	0.52	8.47	7.96	0.07	0.08	0.05	•	•	17.15
18 - 20 sec	•	•	•	•	•	•	•	•	0.13	2.46	2.12	0.01	0.04	0.01	•	•	4.78
22 - 24 sec	•	•	•	•	•	•	•	•	0.05	0.40	0.27	•	•	•	•	•	0.73
Total	•	•	•	•	•	•	•	•	12.14	55.05	32.34	0.22	0.17	0.08	•	•	100.00

Angola Namibia CRS Mocamedes (BU-MO) Climatological Wind Rose for April: 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	0.01	0.01	•	•	•	•	0.03	0.01	0.01	0.11
0 - 5 kts	0.03	0.09	0.04	0.09	0.13	0.22	0.39	0.43	0.46	0.42	0.39	0.19	0.09	0.08	0.07	0.04	3.16
5 - 10 kts	0.04	0.01	0.01	0.07	0.08	0.20	0.89	3.05	7.34	4.50	1.51	0.79	0.24	0.11	0.05	0.03	18.92
10 - 15 kts	•	•	•	0.03	0.01	0.11	0.27	3.05	20.89	12.08	3.72	0.90	0.16	0.13	0.03	•	41.38
15 - 20 kts	•	•	•	•	•	•	•	0.15	18.25	10.81	0.99	0.04	•	•	•	•	30.24
20 - 25 kts	•	•	•	•	•	•	•	•	3.21	2.66	•	•	•	•	•	•	5.87
25 - 30 kts	•	•	•	•	•	•	•	•	0.19	0.12	•	•	•	•	•	•	0.31
30 - 35 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
35 - 40 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
40 - 45 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
45 - 50 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	0.07	0.11	0.05	0.19	0.23	0.54	1.56	6.69	50.35	30.59	6.61	1.92	0.50	0.35	0.16	0.08	100.00