

Angola Namibia CRS Mocamedes (BU-MO) - September

Latitude: 15.12 S Longitude: 11.03 E

Weather Days

Wave Height > 5.0 ft Mean: 21.2 days Range: 17.6 - 24.9 days p50:21.5 days p75:18.5 days p90:17 days
Wave Height > 6.5 ft Mean: 13.2 days Range: 9.5 - 16.9 days p50:13 days p75:10.5 days p90:9.5 days
Wave Height > 8.0 ft Mean: 7.1 days Range: 4.0 - 10.1 days p50:6.5 days p75:4.5 days p90:4 days

Wind Speed > 15.0 knots Mean: 5.6 days Range: 3.4 - 7.9 days p50:6 days p75:4 days p90:3 days
Wind Speed > 20.0 knots Mean: 1.2 days Range: 0.1 - 2.4 days p50:1 days p75:0.5 days p90:0.5 days
Wind Speed > 25.0 knots Mean: 0.1 days Range: 0.0 - 0.5 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 0.9 times per month A 2 day or longer window will statistically occur 0.4 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 2.7 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 0.7 times per month
Wave Height < 8.0 ft	A 1 day or longer window will statistically occur 3.6 times per month A 2 day or longer window will statistically occur 2.8 times per month A 3 day or longer window will statistically occur 2.1 times per month

Waves

Mean Height: 6 - 8 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: 4% / 96%

Winds

Mean Speed: 5 - 10 kts
The winds will occasionally reach 20 - 25 kts, but rarely greater.
Principle Direction, from: S

Currents

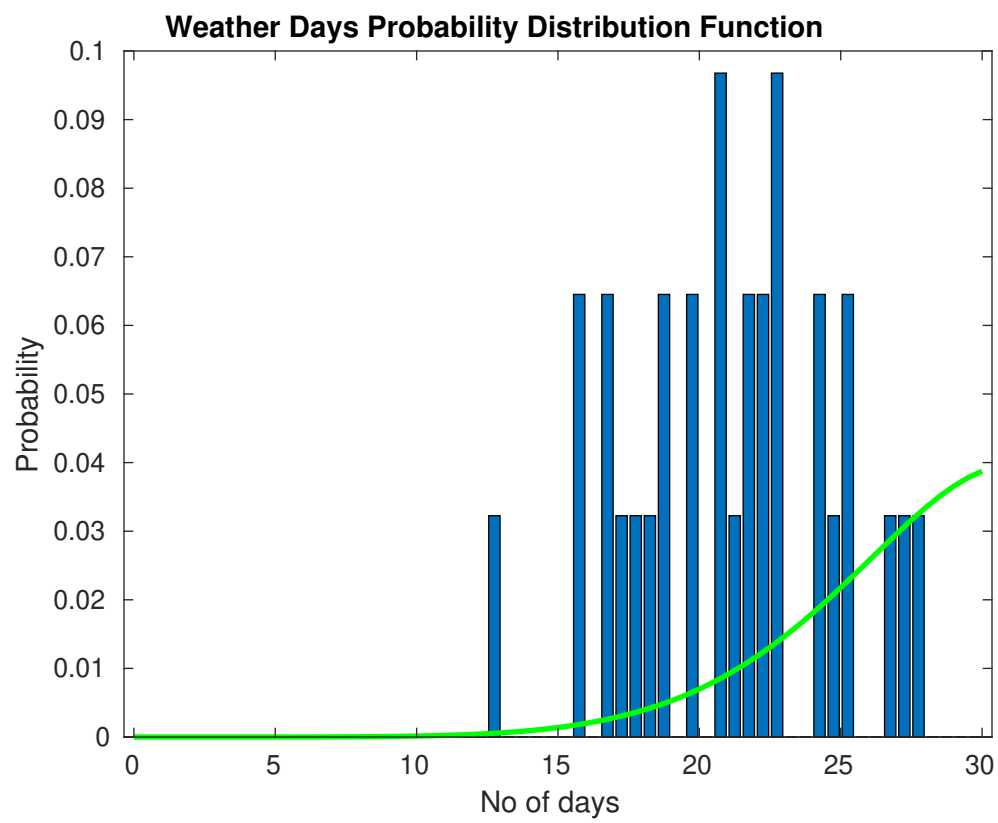
Mean Speed: 0.25-0.50 kts
The currents will occasionally reach 0.75-1.00 kts, but rarely greater.
Principle Direction, to: SSW

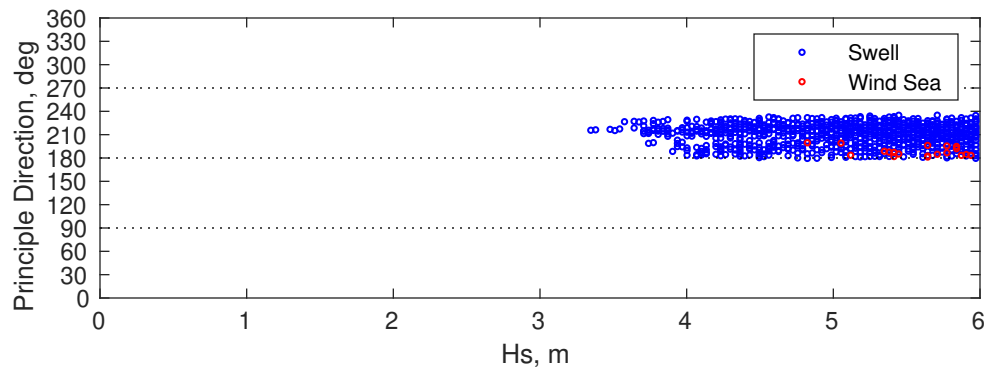
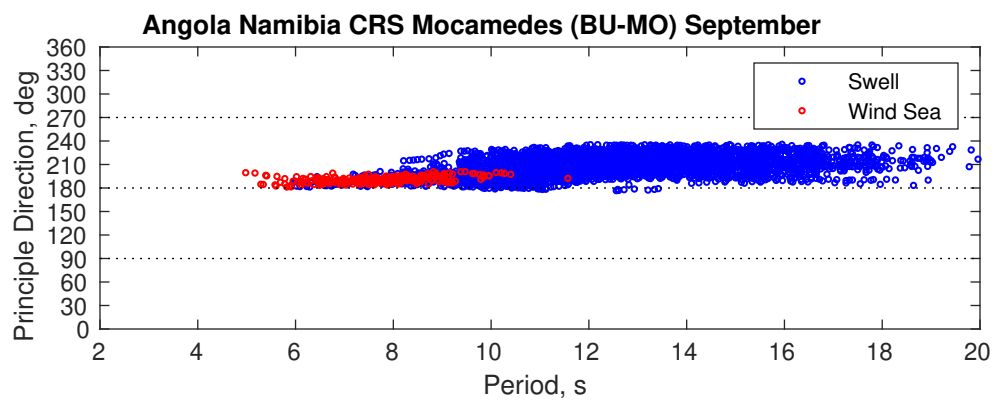
Weather Days

Current Speed > 0.5 knots Mean: 4.8 days Range: 0.7 - 8.8 days p50:5 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

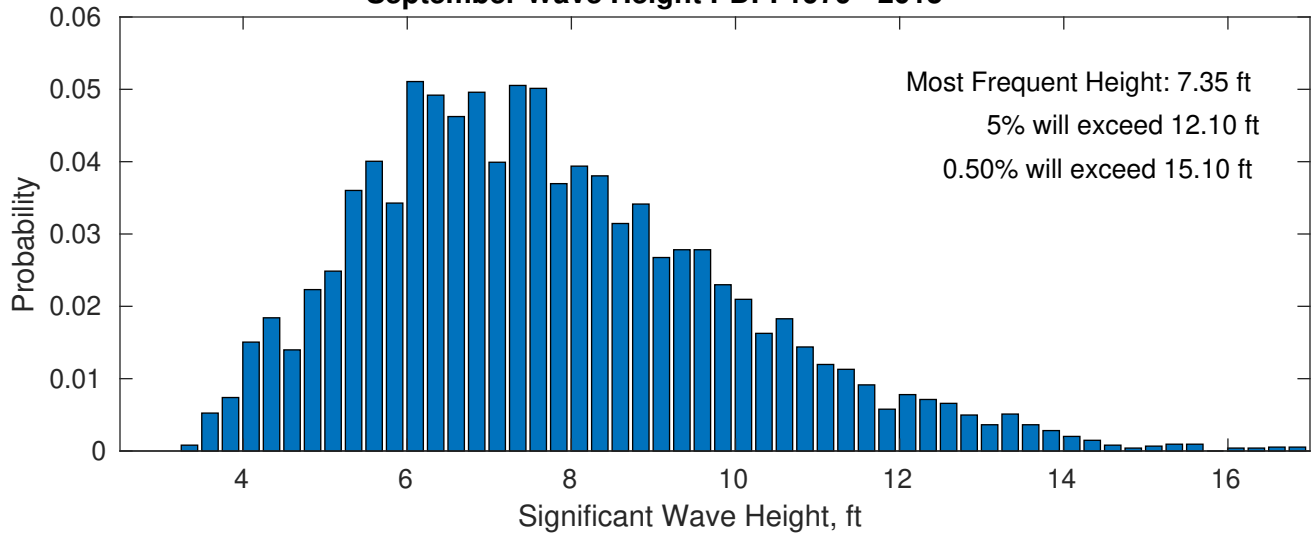
Severe Storms

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

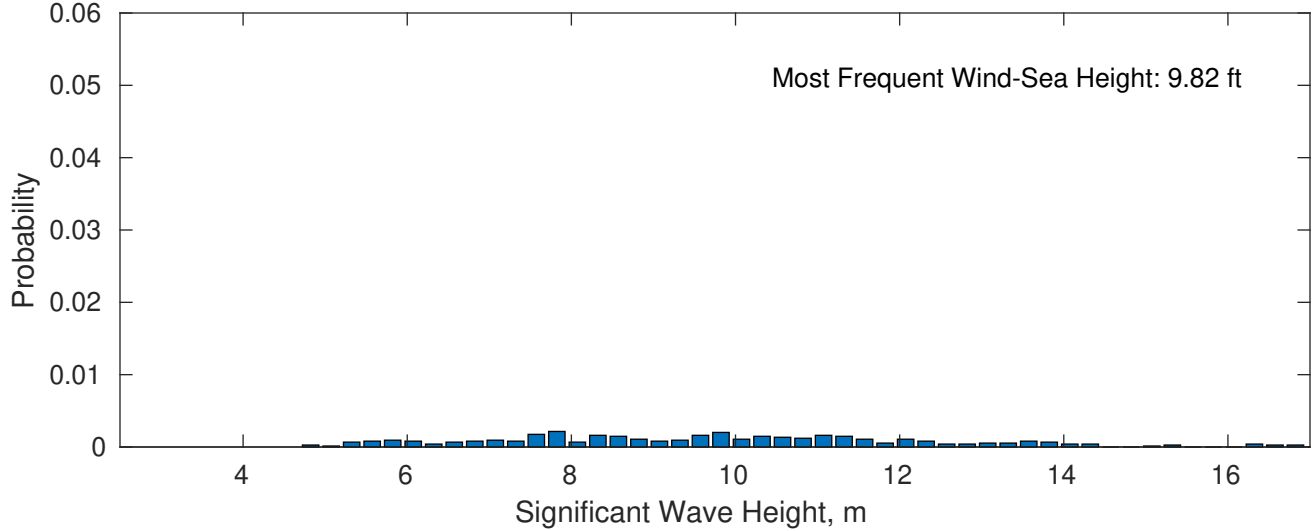




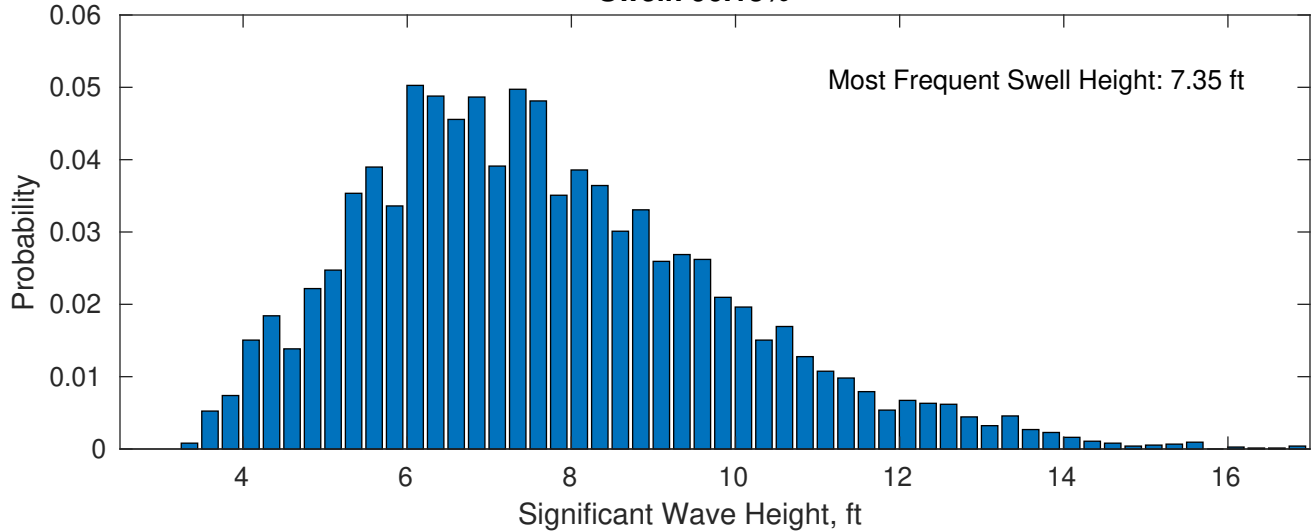
September Wave Height PDF: 1979 - 2015



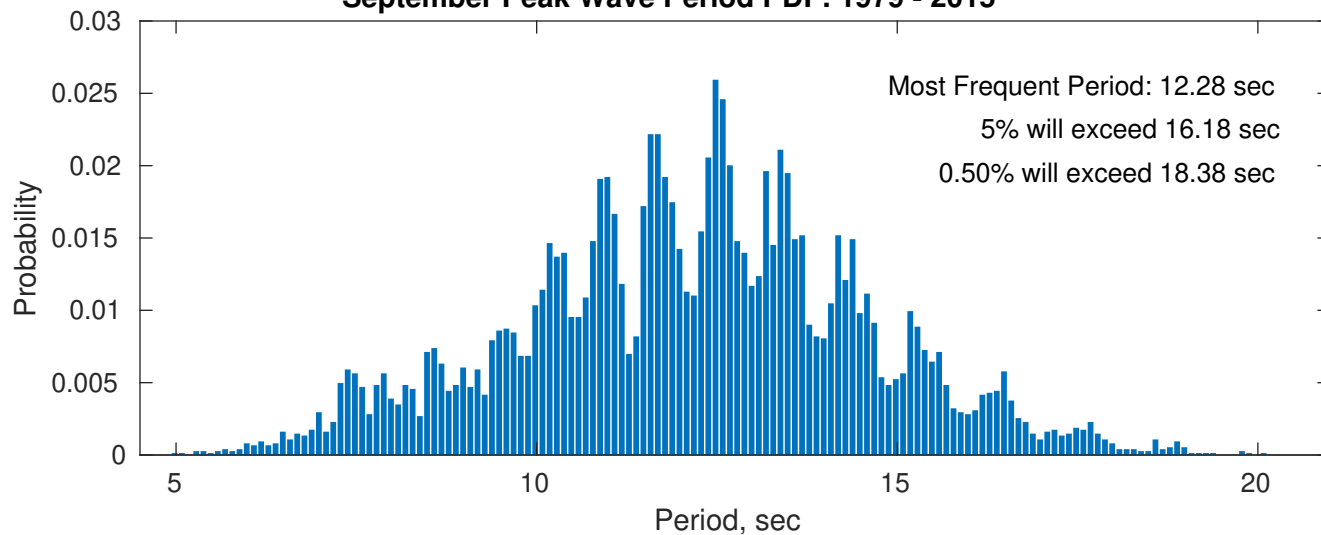
Wind-Sea: 3.87%



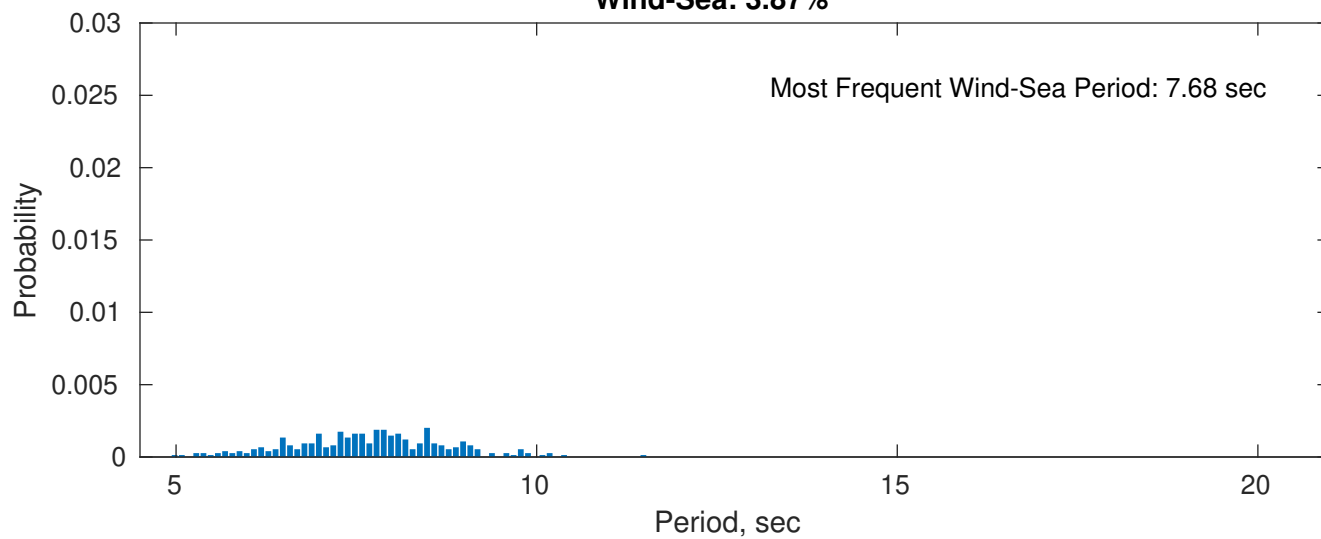
Swell: 96.13%



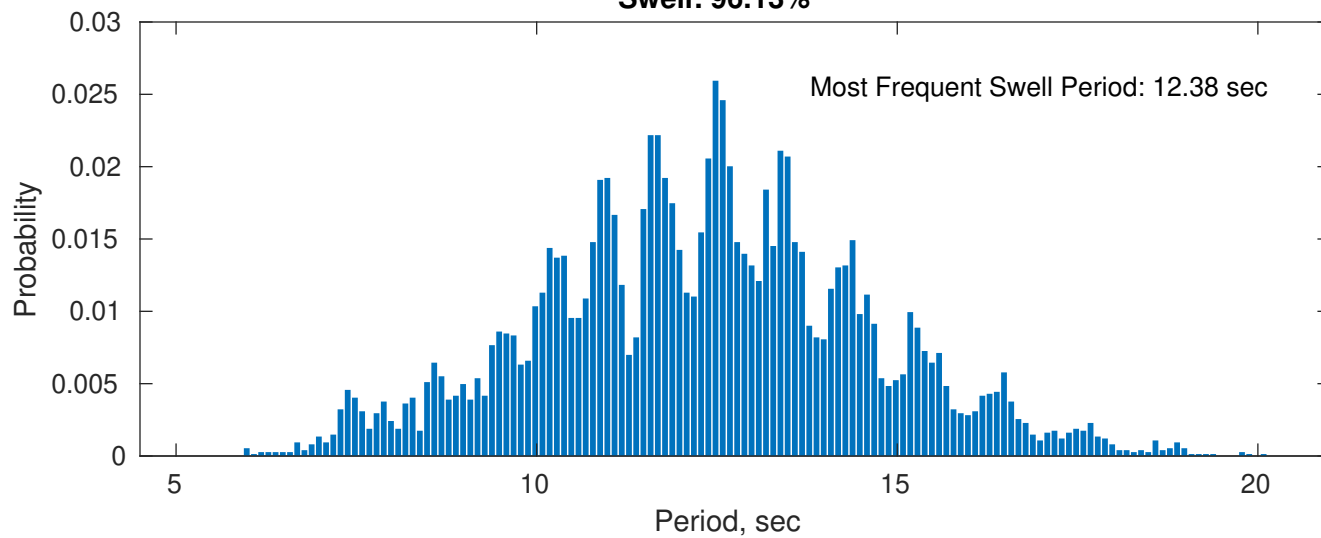
September Peak Wave Period PDF: 1979 - 2015



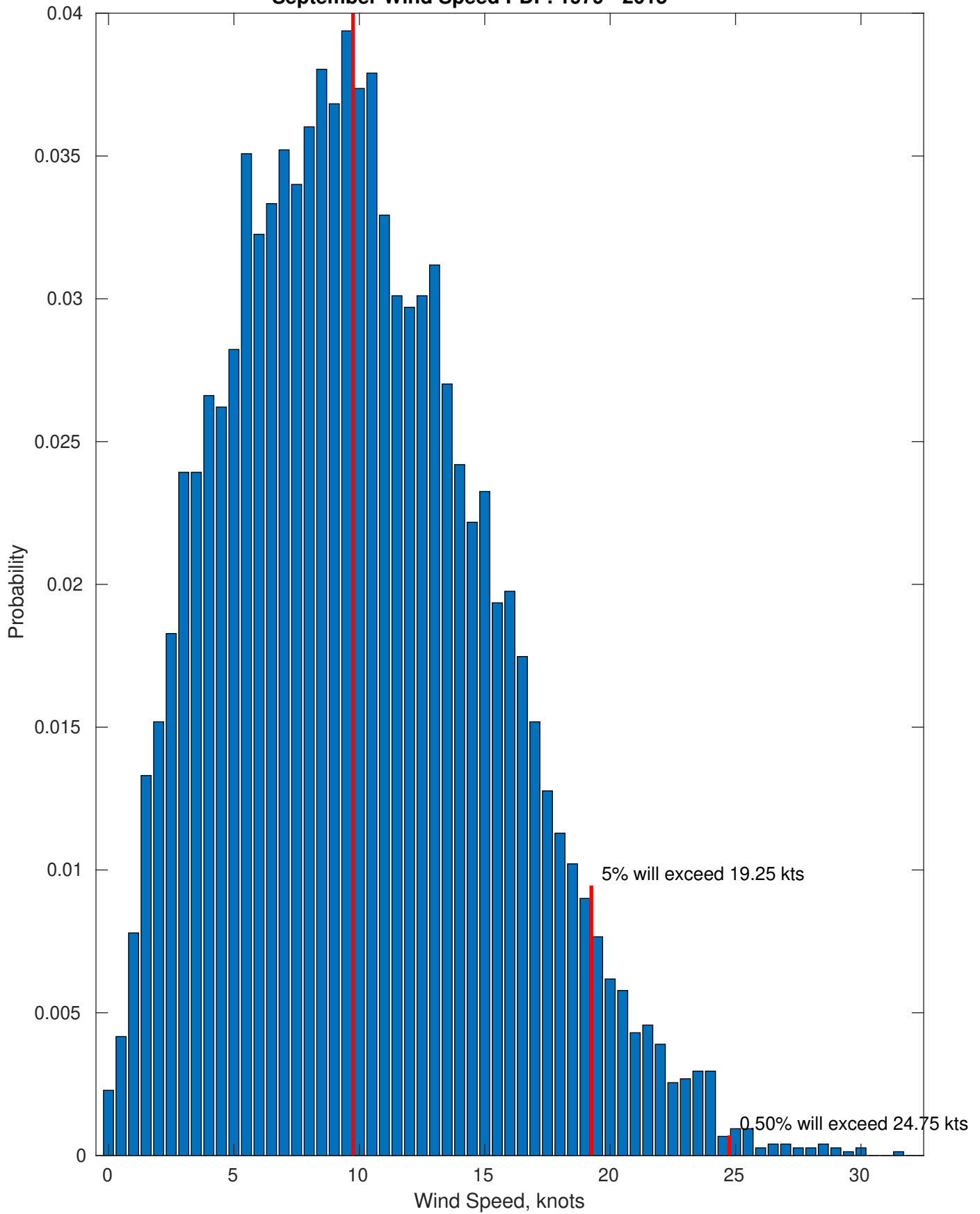
Wind-Sea: 3.87%



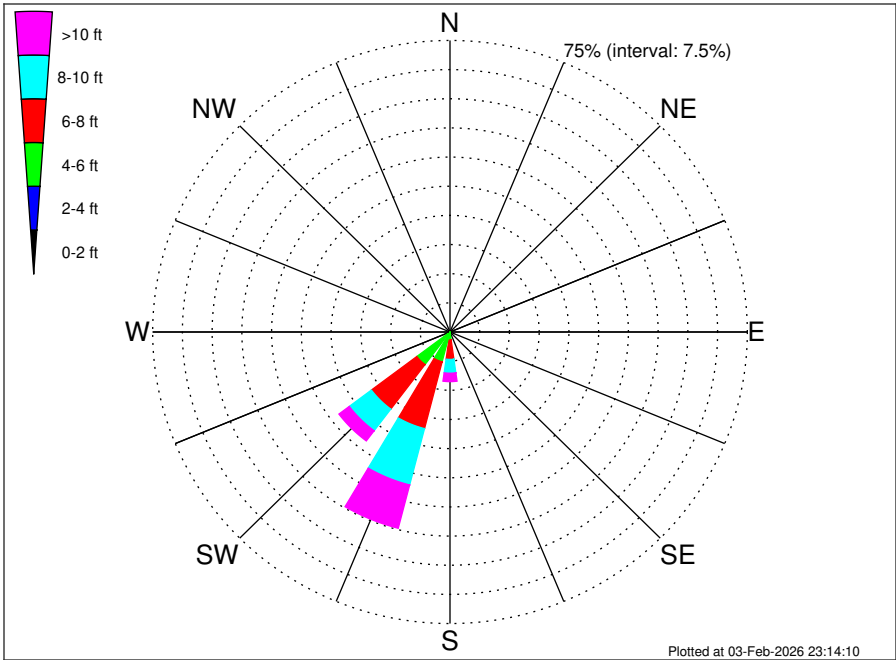
Swell: 96.13%



Most Frequent Wind Speed: 9.75 kts
September Wind Speed PDF: 1979 - 2015



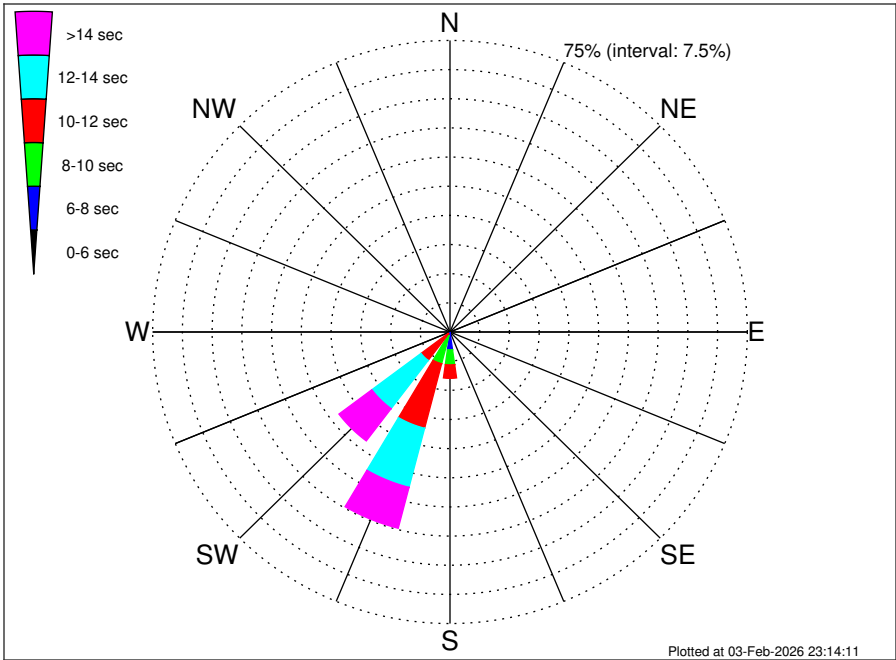
Angola Namibia CRS Mocamedes (BU-MO) Climatological WaveHeight Rose for September: 1979 - 2015



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	0.31	0.66	•	•	•	•	•	0.98
4 - 6 ft	•	•	•	•	•	•	•	•	2.06	7.61	9.83	•	•	•	•	•	19.49
6 - 8 ft	•	•	•	•	•	•	•	•	4.99	17.76	14.35	•	•	•	•	•	37.10
8 - 10 ft	•	•	•	•	•	•	•	•	3.55	14.97	6.98	•	•	•	•	•	25.50
10 - 12 ft	•	•	•	•	•	•	•	•	1.59	7.65	2.35	•	•	•	•	•	11.59
12 - 14 ft	•	•	•	•	•	•	•	•	0.47	2.96	0.81	•	•	•	•	•	4.23
14 - 16 ft	•	•	•	•	•	•	•	•	0.11	0.65	0.11	•	•	•	•	•	0.86
16 - 18 ft	•	•	•	•	•	•	•	•	•	0.22	•	•	•	•	•	•	0.22
> 18 ft	•	•	•	•	•	•	•	•	•	0.04	•	•	•	•	•	•	0.04
Total	•	•	•	•	•	•	•	•	12.77	52.15	35.08	•	•	•	•	•	100.00

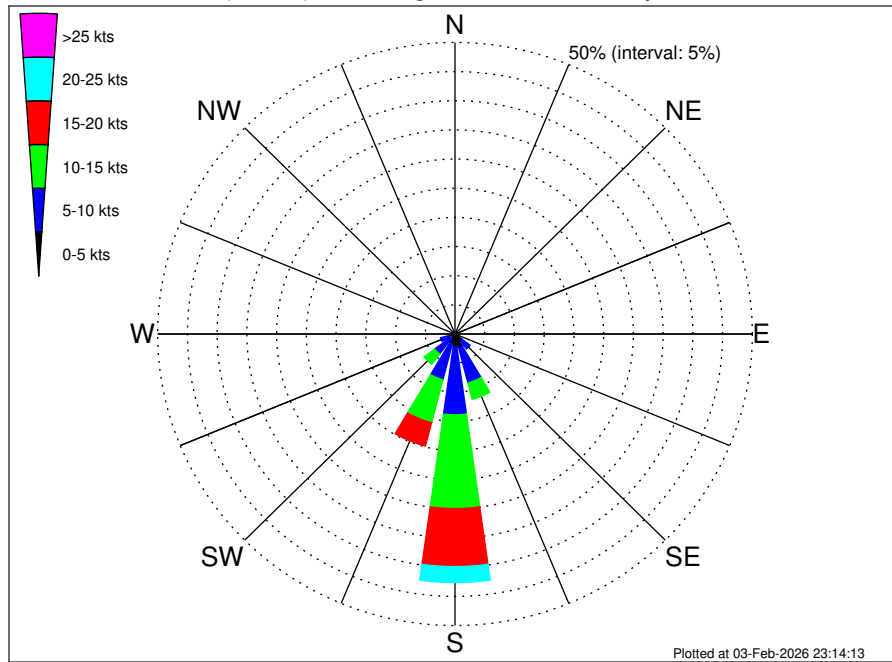
Angola Namibia CRS Mocamedes (BU-MO) Climatological WavePeriod Rose for September: 1979 - 2015



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	.	.	.	.	.	.	.	.	0.16	0.08	.	.	.	.	.	.	0.24
6 - 8 sec	.	.	.	.	.	.	.	.	4.44	0.87	.	.	.	.	.	.	5.31
8 - 10 sec	.	.	.	.	.	.	.	.	3.87	7.47	0.56	.	.	.	.	.	11.91
10 - 12 sec	.	.	.	.	.	.	.	.	3.45	17.15	8.59	.	.	.	.	.	29.19
12 - 14 sec	.	.	.	.	.	.	.	.	0.28	15.70	15.54	.	.	.	.	.	31.52
14 - 16 sec	.	.	.	.	.	.	.	.	0.24	8.41	7.49	.	.	.	.	.	16.14
18 - 20 sec	.	.	.	.	.	.	.	.	0.27	2.26	2.47	.	.	.	.	.	5.00
22 - 24 sec	.	.	.	.	.	.	.	.	0.05	0.20	0.43	.	.	.	.	.	0.69
Total	.	.	.	.	.	.	.	.	12.77	52.15	35.08	.	.	.	.	.	100.00

Angola Namibia CRS Mocamedes (BU-MO) Climatological Wind Rose for September: 1979 - 2015



Joint Frequency Distribution Table

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
calm	0.03	0.05	0.03	0.04	0.05	0.07	0.04	0.05	0.05	0.04	0.07	0.05	0.01	•	0.03	0.03	0.65
0 - 5 kts	0.65	0.52	0.44	0.54	0.69	0.85	1.41	2.37	2.22	1.69	1.09	0.97	0.71	0.43	0.55	0.40	15.52
5 - 10 kts	0.30	0.42	0.23	0.13	0.27	0.51	1.75	6.24	11.59	6.36	3.13	1.49	1.21	0.50	0.43	0.30	34.84
10 - 15 kts	•	0.01	•	•	•	0.01	0.17	2.90	16.08	7.61	2.22	0.74	0.30	0.20	0.03	•	30.27
15 - 20 kts	•	•	•	•	•	•	•	0.15	9.96	4.14	0.30	0.03	0.03	•	•	•	14.60
20 - 25 kts	•	•	•	•	•	•	•	•	2.73	0.93	•	•	•	•	•	•	3.66
25 - 30 kts	•	•	•	•	•	•	•	•	0.36	0.07	•	•	•	•	•	•	0.43
30 - 35 kts	•	•	•	•	•	•	•	•	0.03	0.01	•	•	•	•	•	•	0.04
35 - 40 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
40 - 45 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
45 - 50 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	0.97	1.01	0.70	0.71	1.01	1.44	3.37	11.71	43.01	20.85	6.80	3.28	2.26	1.13	1.03	0.73	100.00