

Zanzibar MBES - November

Latitude: 5.47 S Longitude: 41.14 E

Weather Days

Wave Height > 5.0 ft Mean: 3.9 days Range: 0.7 - 7.1 days p50:5 days p75:2 days p90:1 days

Wave Height > 6.5 ft Mean: 0.3 days Range: 0.0 - 1.0 days p50:30 days p75:2 days p90:1 days

Wave Height > 8.0 ft Mean: 0.0 days Range: 0.0 - 0.1 days p50:30 days p75:30 days p90:30 days

Wind Speed > 15.0 knots Mean: 0.4 days Range: 0.0 - 0.8 days p50:0.5 days p75:0.5 days p90:0.5 days

Wind Speed > 20.0 knots Mean: 0.0 days Range: 0.0 - 0.0 days p50:0.5 days p75:0.5 days p90:0.5 days

Wind Speed > 25.0 knots Mean: 0.0 days Range: 0.0 - 0.0 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 2.1 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 1.6 times per month

Wave Height < 6.5 ft
A 1 day or longer window will statistically occur 1.2 times per month
A 2 day or longer window will statistically occur 1.1 times per month
A 3 day or longer window will statistically occur 1.1 times per month

Wave Height < 8.0 ft
A 1 day or longer window will statistically occur 0.9 times per month
A 2 day or longer window will statistically occur 0.9 times per month
A 3 day or longer window will statistically occur 0.9 times per month

Waves

Mean Height: 4 - 6 ft

The wave heights will occasionally reach 6 - 8 ft, but rarely higher.

Mean Period: 8 - 10 sec

The wave periods will occasionally reach 12 - 14 sec, but rarely longer.

Principle Direction, from: ESE

WindSea/Swell: 1% / 99%

Winds

Mean Speed: 5 - 10 kts

The winds will occasionally reach 15 - 20 kts, but rarely greater.

Principle Direction, from: ESE

Currents

Mean Speed: 0.25-0.50 kts

The currents will occasionally reach 1.25-1.50 kts, but rarely greater.

Principle Direction, to: NNW

Weather Days

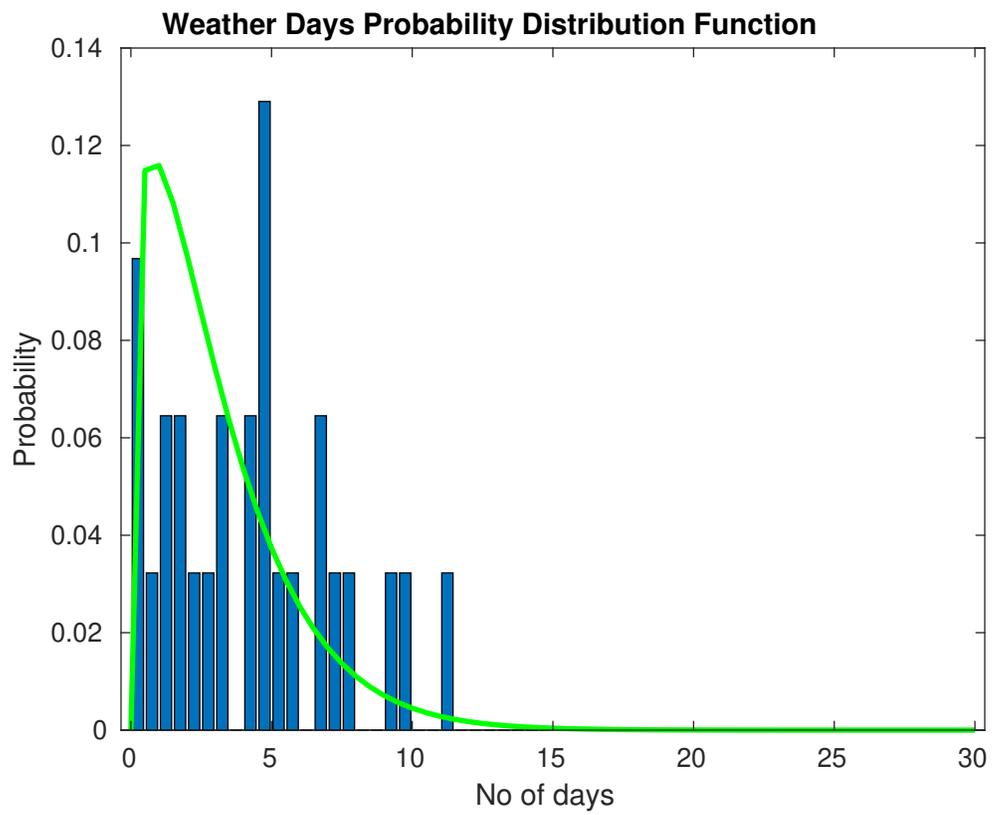
Current Speed > 0.5 knots Mean: 13.1 days Range: 6.3 - 19.9 days p50:15 days p75:8 days p90:4 days

Current Speed > 1.0 knots Mean: 1.4 days Range: 0.0 - 4.2 days p50:1 days p75:1 days p90:1 days

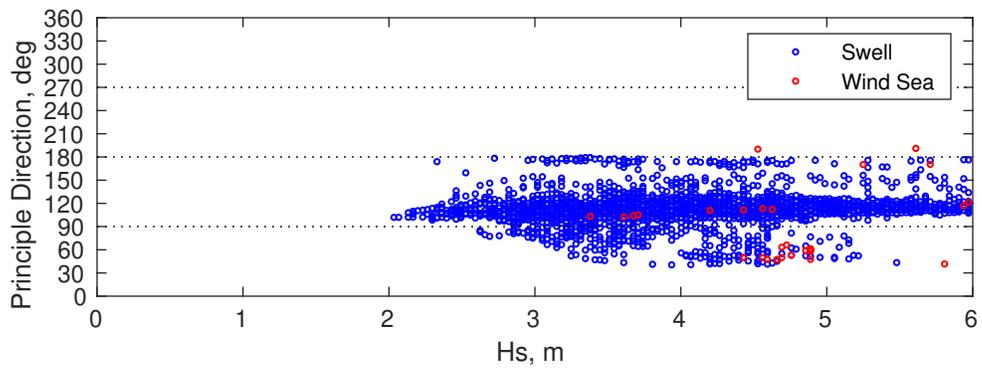
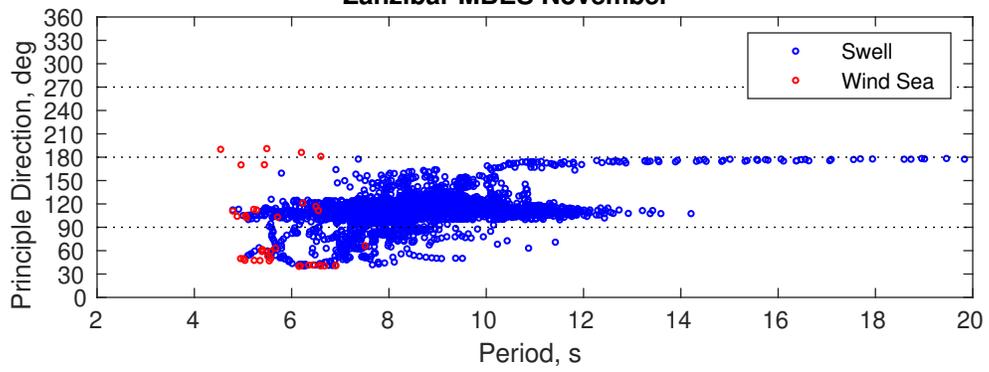
Current Speed > 1.5 knots Mean: 0.1 days Range: 0.0 - 0.3 days p50:1 days p75:1 days p90:1 days

Severe Storms

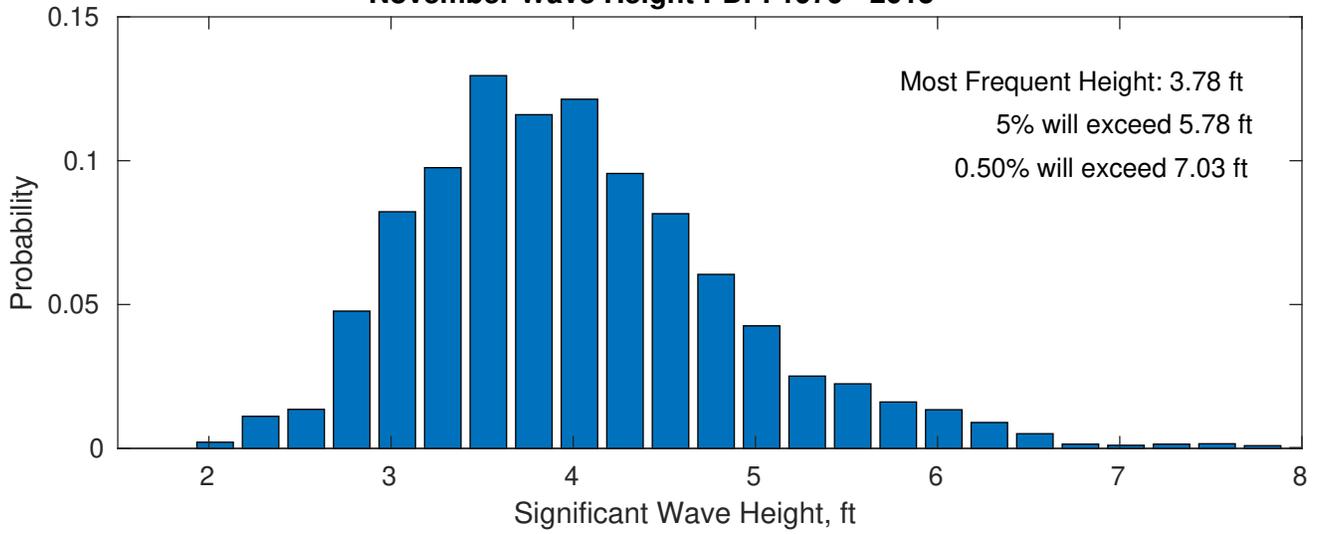
Severe storms with gale force winds and extreme waves are not expected during this month.



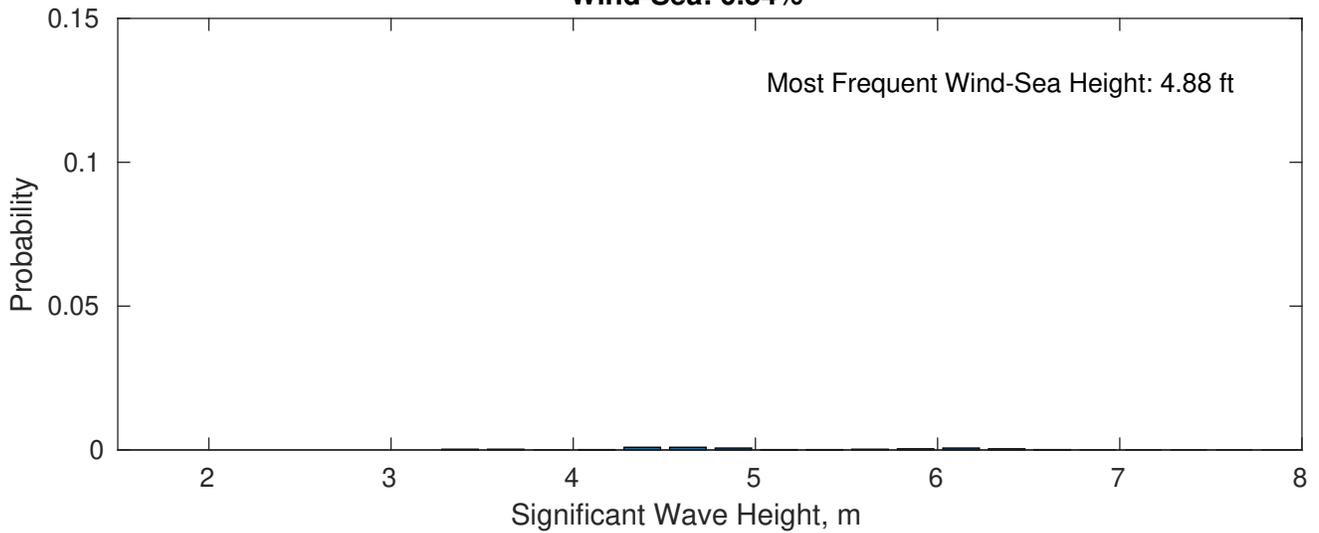
Zanzibar MBES November



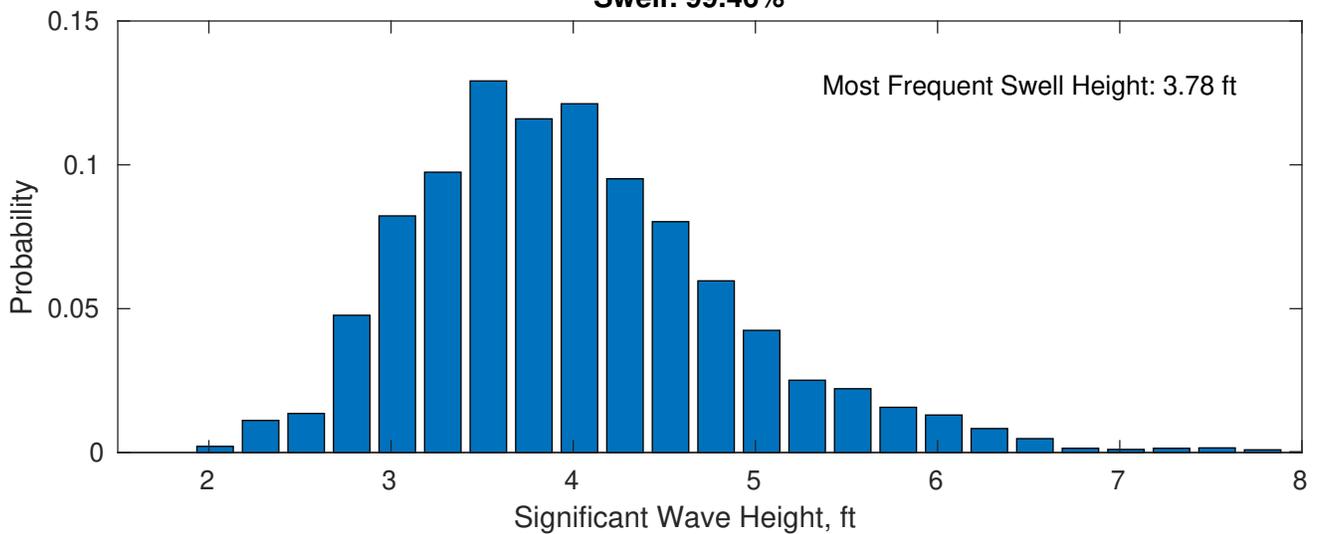
November Wave Height PDF: 1979 - 2015



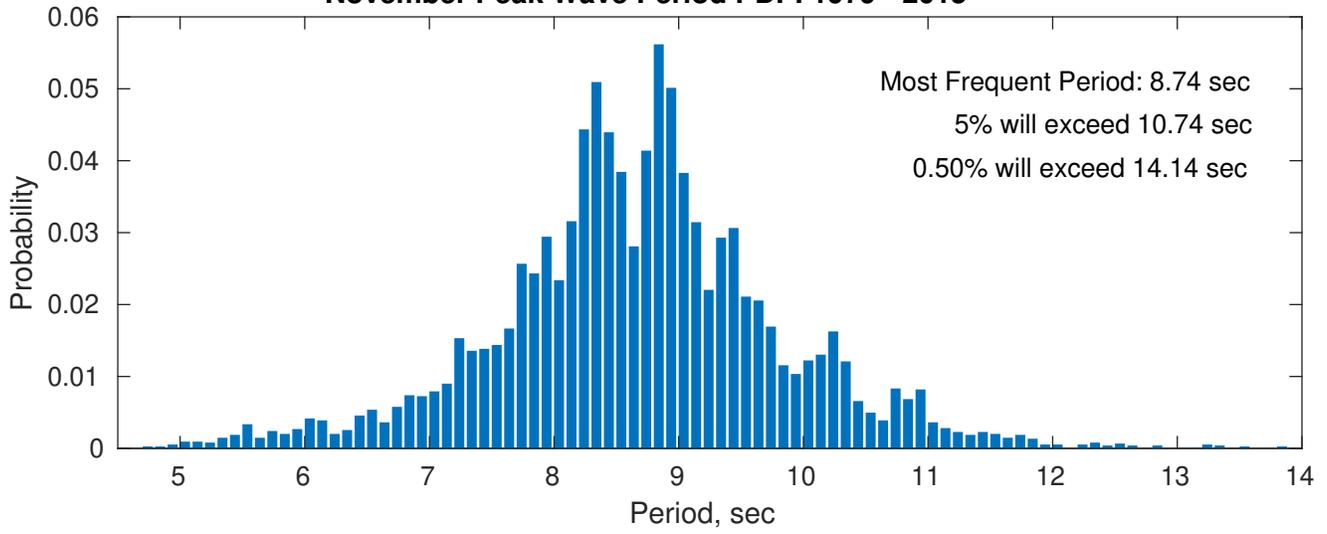
Wind-Sea: 0.54%



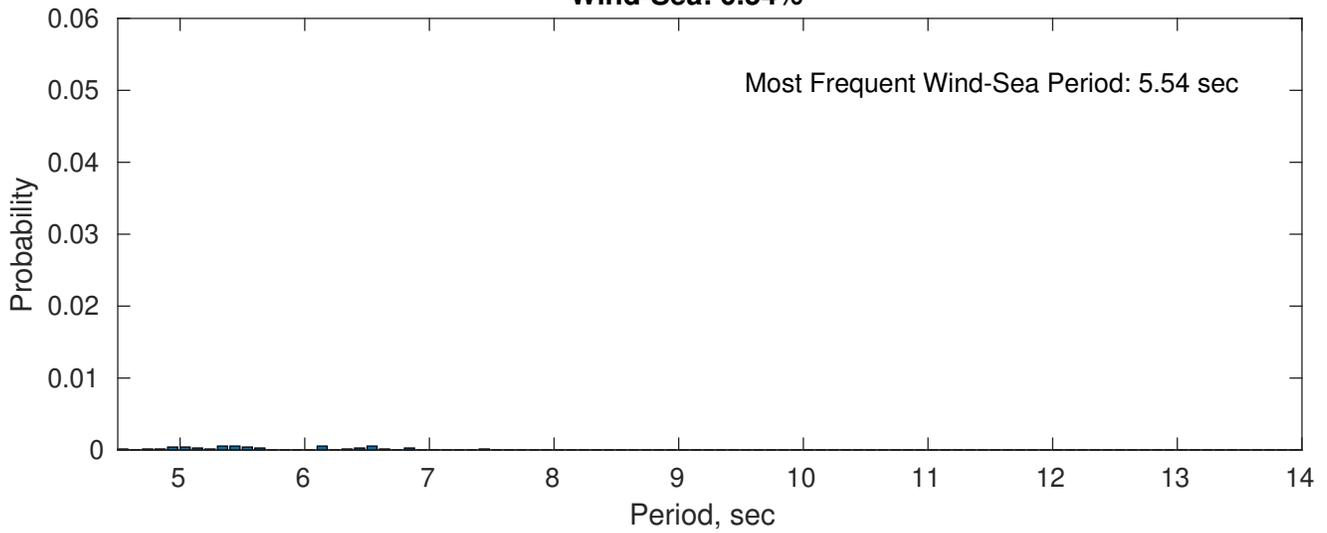
Swell: 99.46%



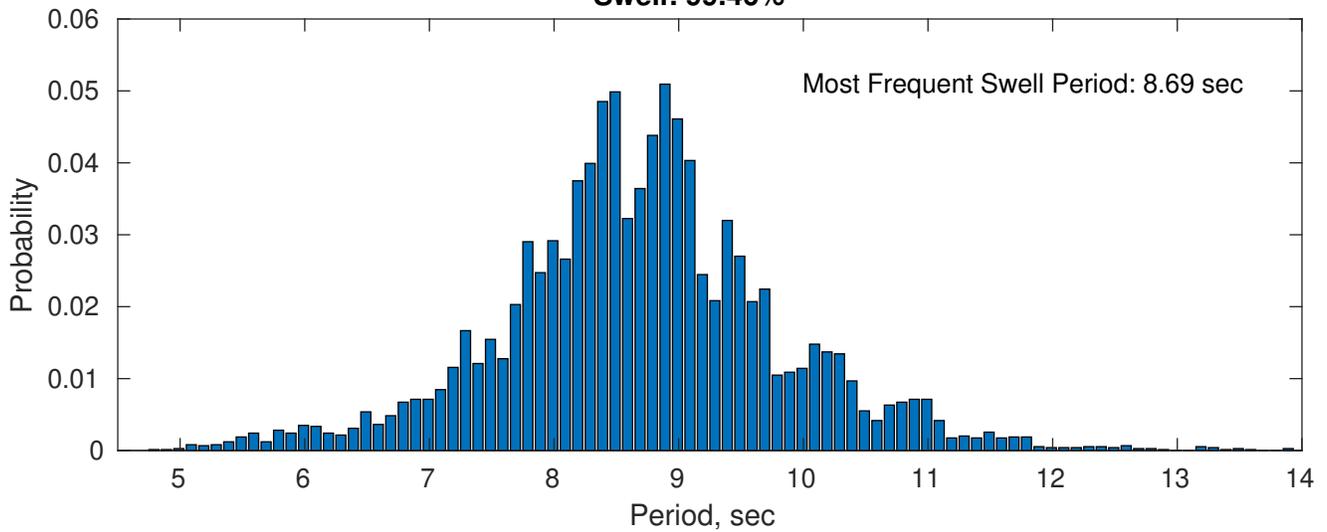
November Peak Wave Period PDF: 1979 - 2015



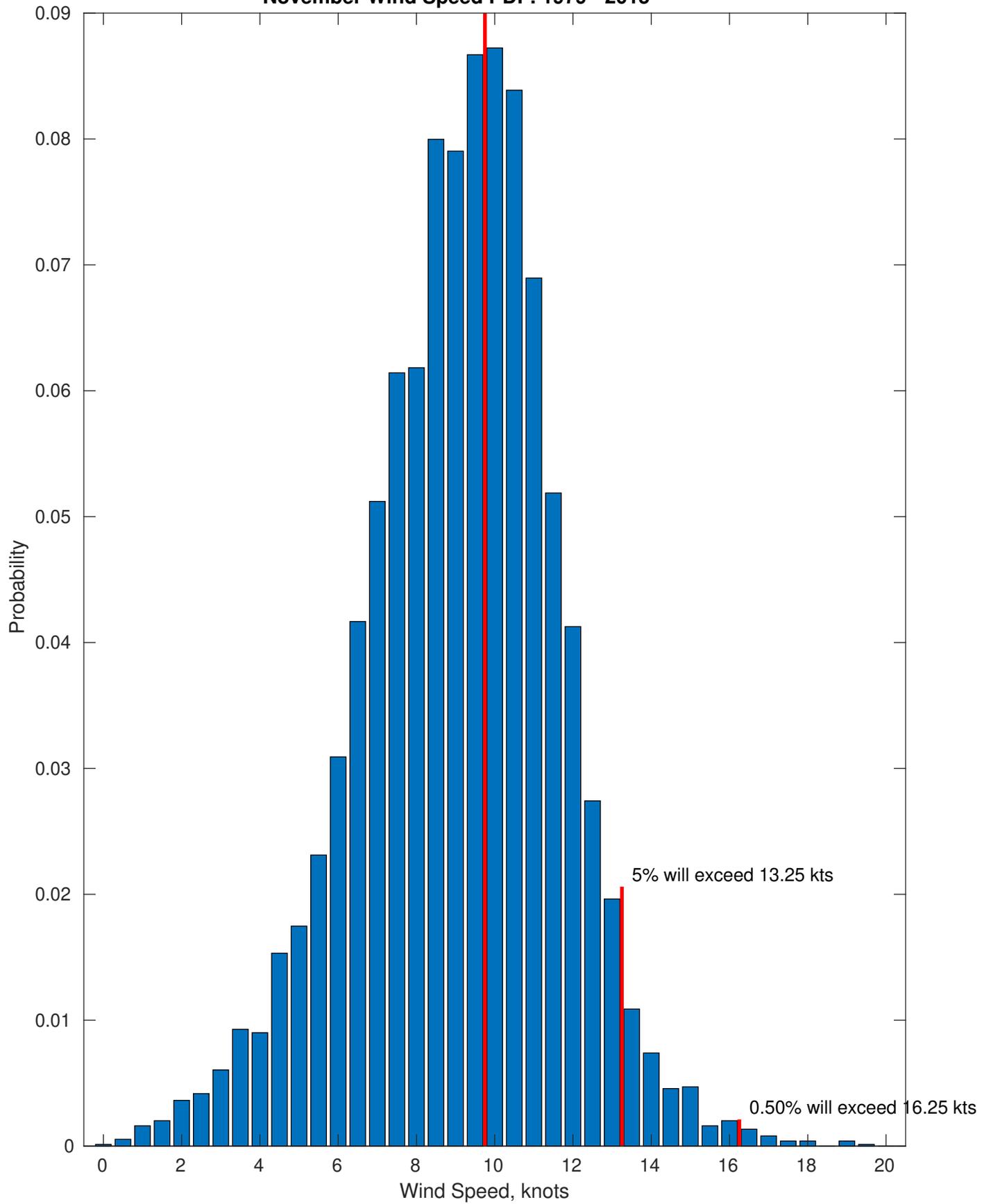
Wind-Sea: 0.54%



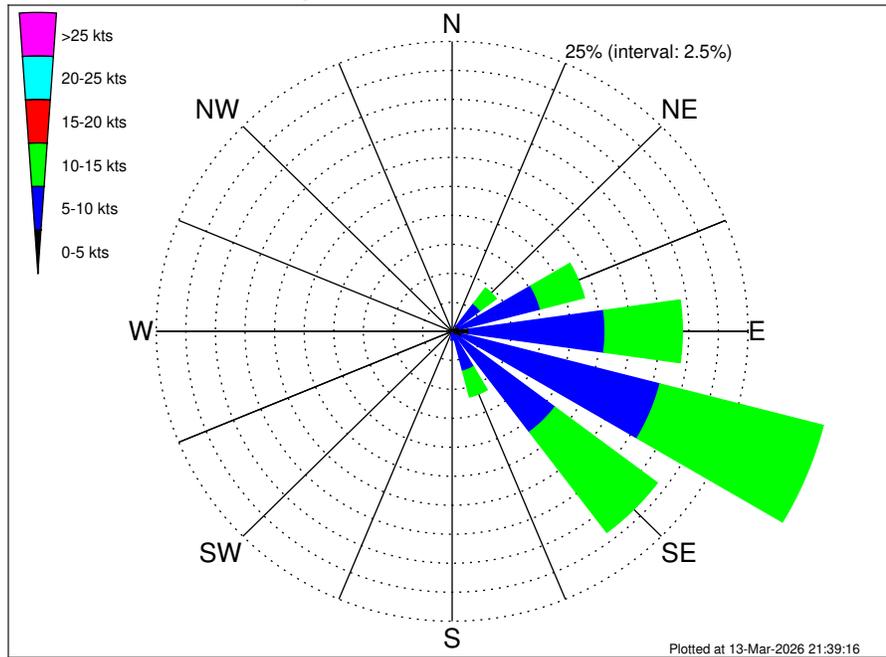
Swell: 99.46%



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



Zanzibar MBES Climatological Wind Rose for November: 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	•	•	0.01	0.01	•	•	•	•	•	0.01	•	•	•	•	0.07
0 - 5 kts	0.15	0.15	0.51	0.67	1.42	0.85	0.54	0.35	0.12	0.09	0.05	0.08	0.04	0.01	0.03	0.04	5.11
5 - 10 kts	0.12	0.60	2.47	7.03	11.49	17.28	10.34	3.20	0.65	0.05	0.04	0.04	•	•	•	0.01	53.33
10 - 15 kts	0.03	0.35	1.69	3.84	6.52	14.25	10.83	2.30	0.35	0.07	0.04	0.03	•	•	•	0.01	40.31
15 - 20 kts	•	0.05	0.24	0.08	0.05	0.24	0.20	0.20	0.09	•	•	0.01	•	•	•	•	1.18
20 - 25 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
25 - 30 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
30 - 35 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
35 - 40 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
40 - 45 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
45 - 50 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	0.30	1.18	4.92	11.63	19.50	32.63	21.91	6.05	1.21	0.22	0.13	0.17	0.04	0.01	0.03	0.07	100.00