

Tanzania MBES - November

Latitude: 8.22 S Longitude: 41.08 E

Weather Days

Wave Height > 5.0 ft Mean: 4.3 days Range: 1.1 - 7.5 days p50:5 days p75:1.5 days p90:0.5 days
Wave Height > 6.5 ft Mean: 0.5 days Range: 0.0 - 1.4 days p50:30 days p75:1.5 days p90:0.5 days
Wave Height > 8.0 ft Mean: 0.1 days Range: 0.0 - 0.3 days p50:30 days p75:30 days p90:1 days
Wind Speed > 15.0 knots Mean: 0.6 days Range: 0.0 - 1.2 days p50:1 days p75:0.5 days p90:0.5 days
Wind Speed > 20.0 knots Mean: 0.0 days Range: 0.0 - 0.1 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 2.4 times per month A 2 day or longer window will statistically occur 2.0 times per month A 3 day or longer window will statistically occur 1.8 times per month
Wave Height < 6.5 ft	A 1 day or longer window will statistically occur 1.4 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 1.2 times per month
Wave Height < 8.0 ft	A 1 day or longer window will statistically occur 1.0 times per month A 2 day or longer window will statistically occur 1.0 times per month A 3 day or longer window will statistically occur 1.0 times per month

Waves

Mean Height: 2 - 4 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: 10 - 15 kts
The winds will occasionally reach 15 - 20 kts, but rarely greater.
Principle Direction, from: E

Currents

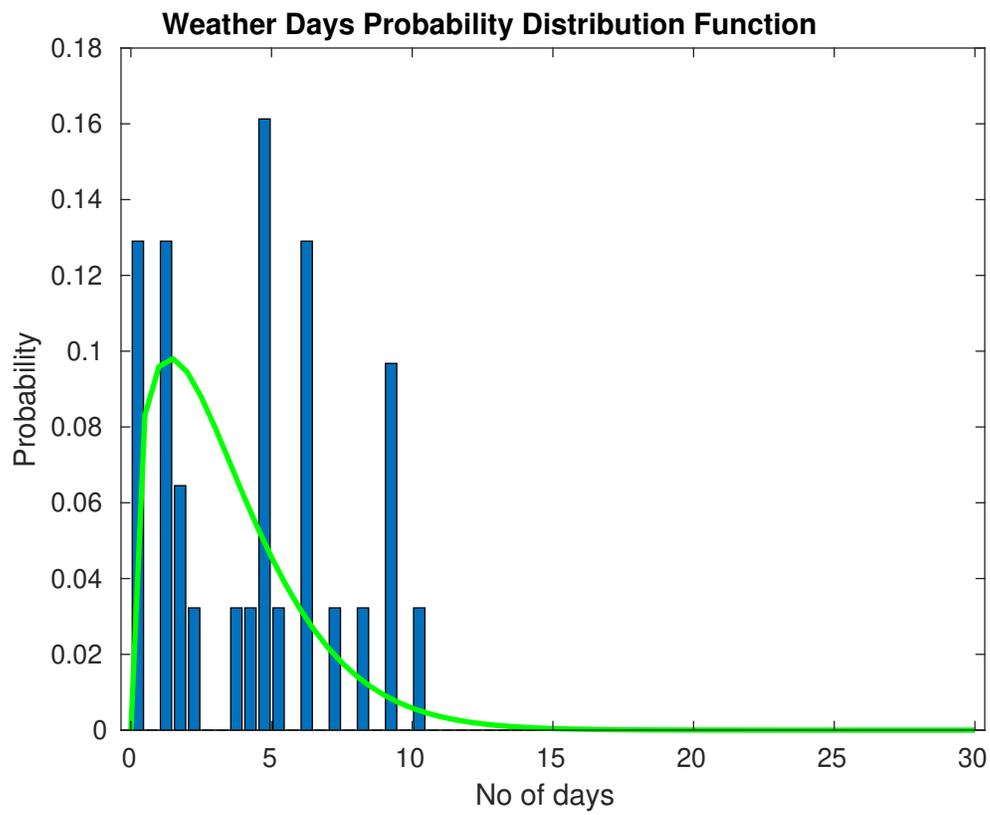
Mean Speed: 0.50-0.75 kts
The currents will occasionally reach 1.25-1.50 kts, but rarely greater.
Principle Direction, to: W

Weather Days

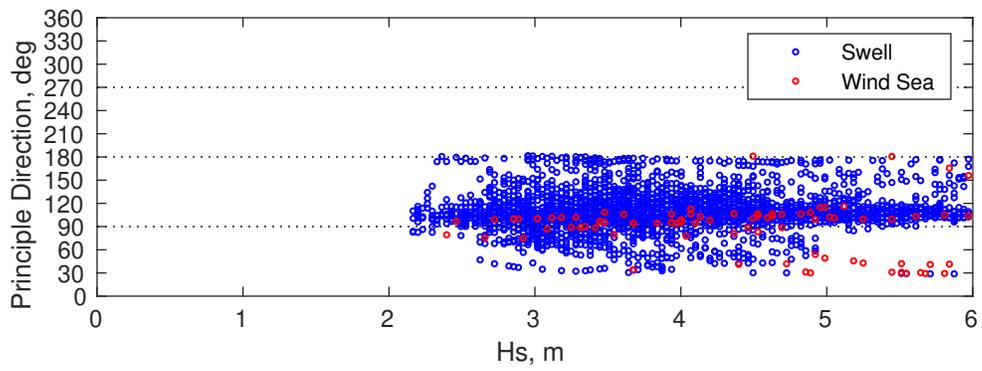
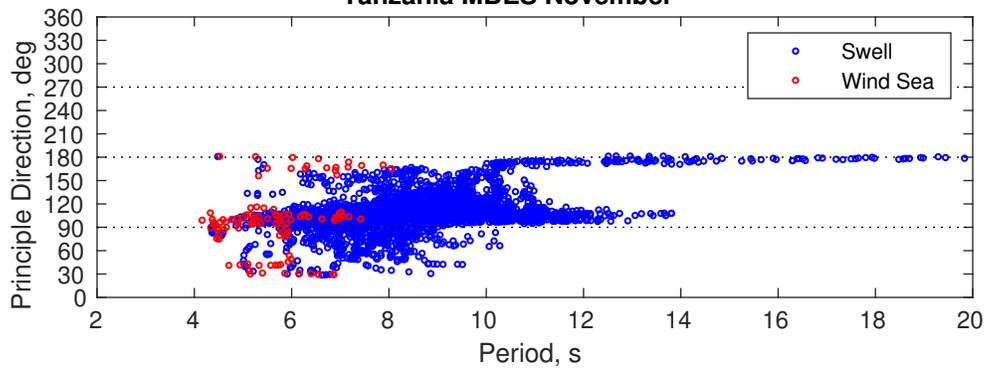
Current Speed > 0.5 knots Mean: 18.2 days Range: 10.0 - 26.4 days p50:20 days p75:18 days p90:6 days
Current Speed > 1.0 knots Mean: 2.9 days Range: 0.0 - 7.0 days p50:3 days p75:1 days p90:1 days
Current Speed > 1.5 knots Mean: 0.1 days Range: 0.0 - 0.3 days p50:1 days p75:1 days p90:1 days

Severe Storms

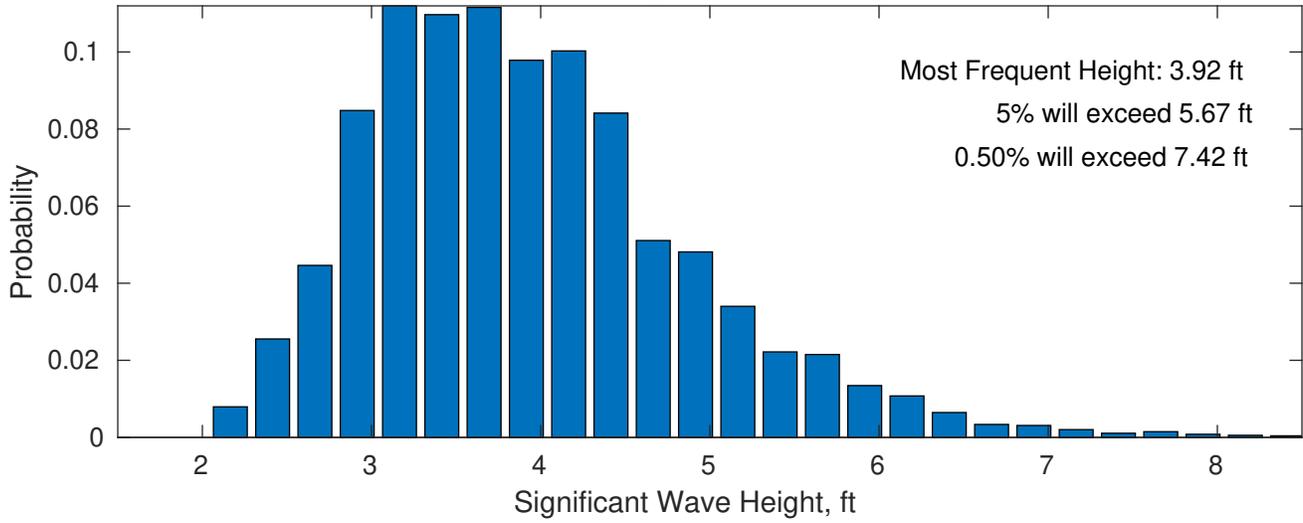
Severe storms with gale force winds and extreme waves are not expected during this month.



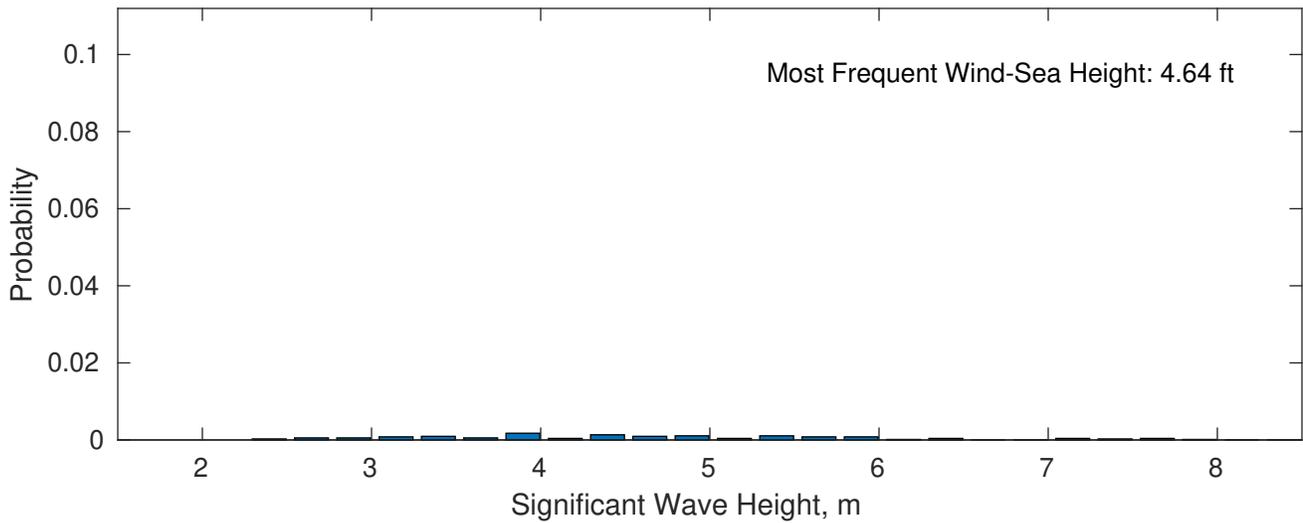
Tanzania MBES November



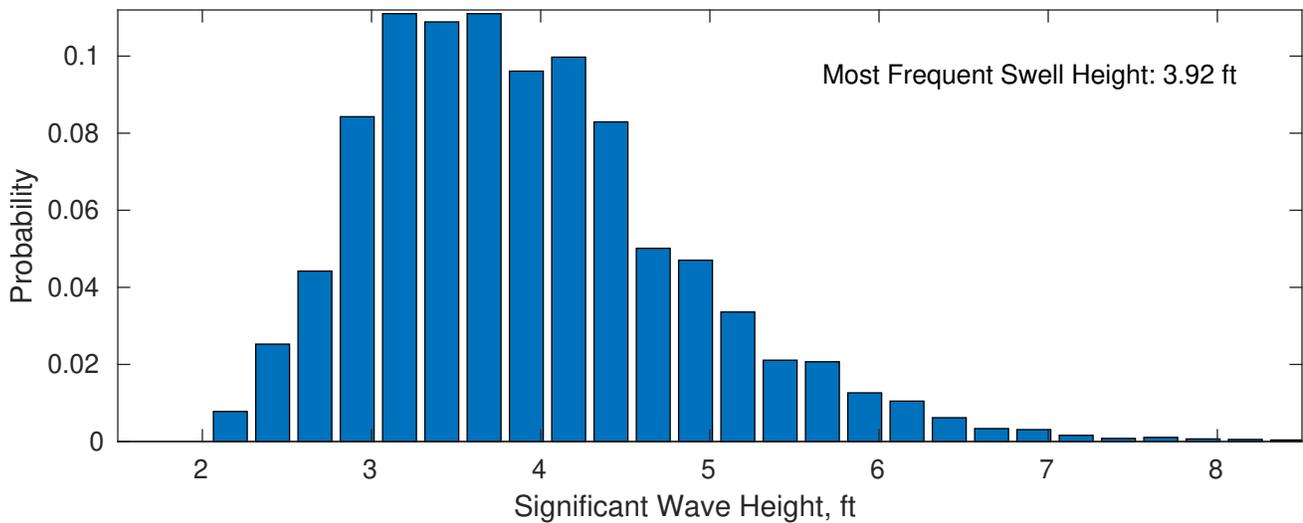
November Wave Height PDF: 1979 - 2015



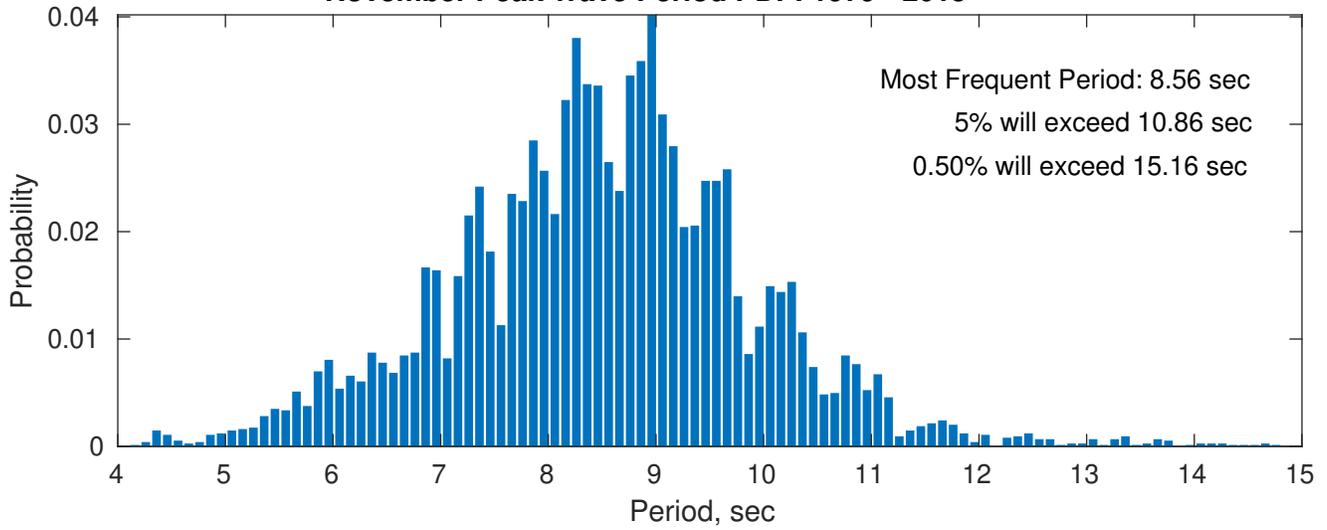
Wind-Sea: 1.44%



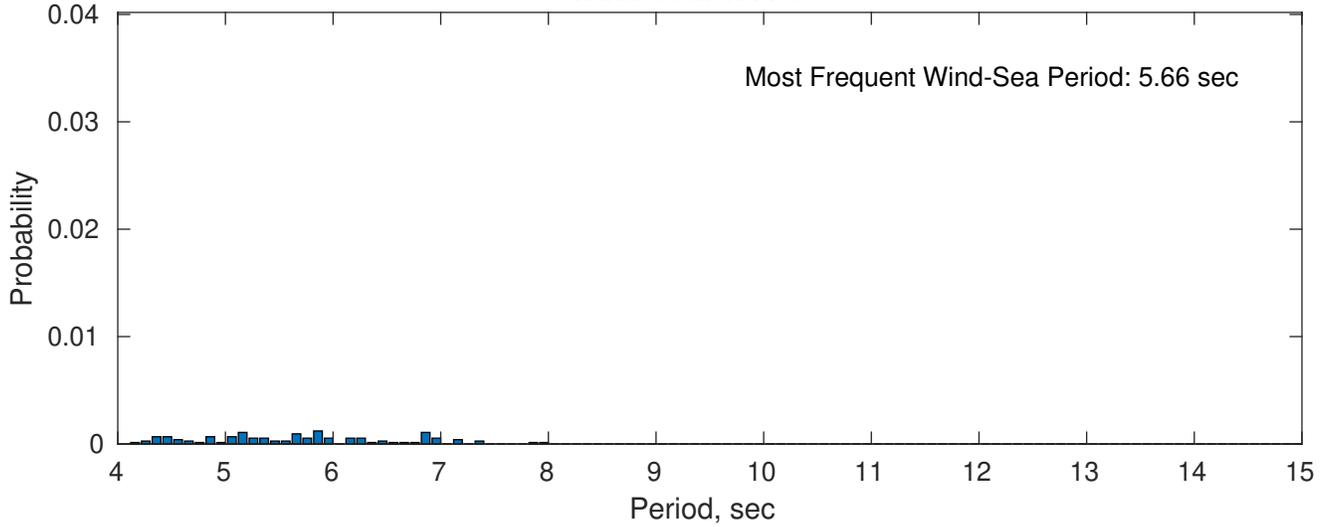
Swell: 98.56%



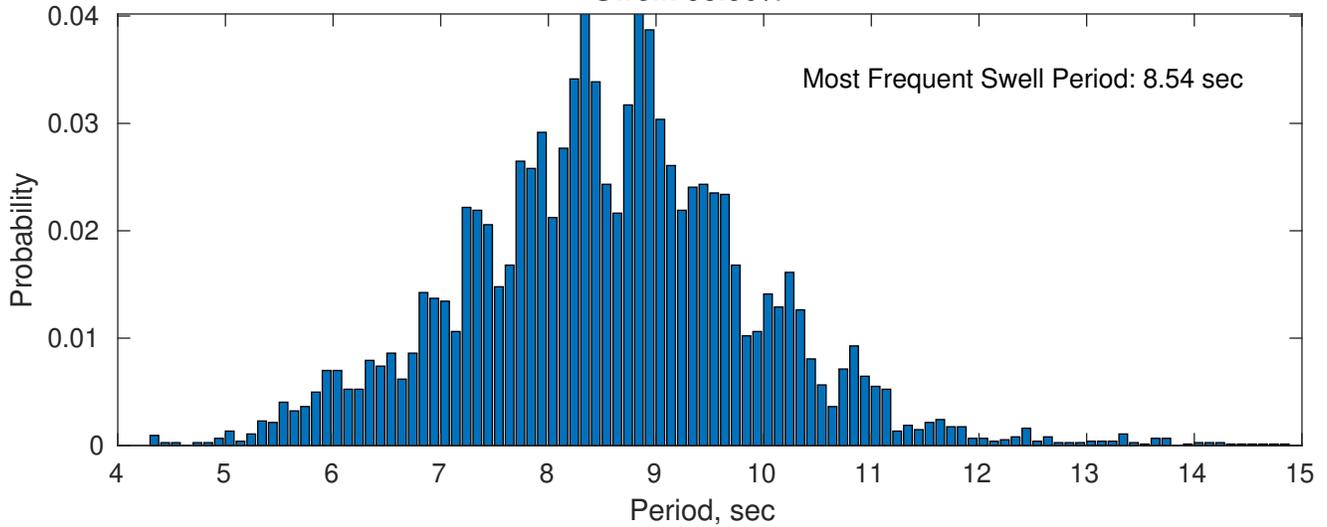
November Peak Wave Period PDF: 1979 - 2015



Wind-Sea: 1.44%

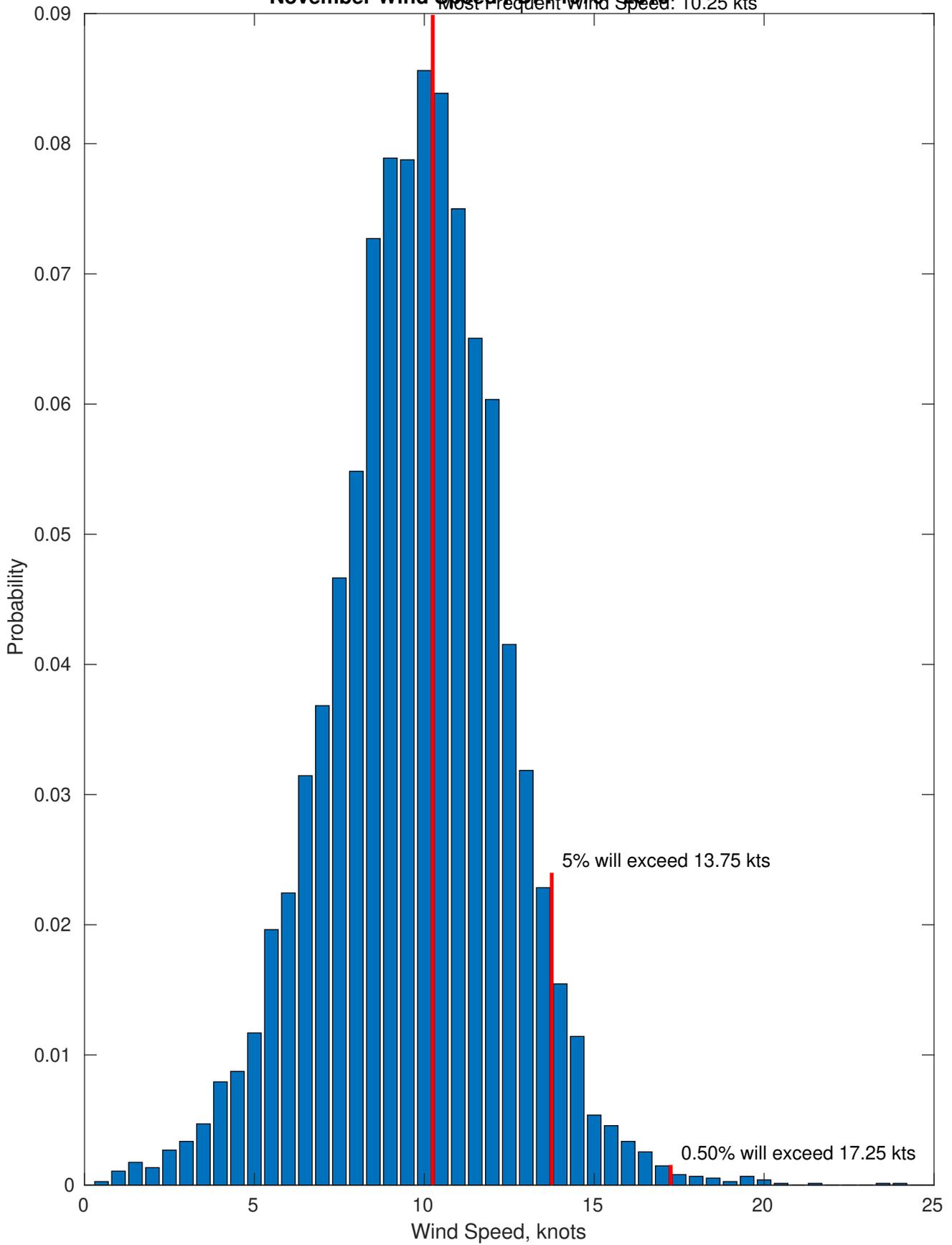


Swell: 98.56%

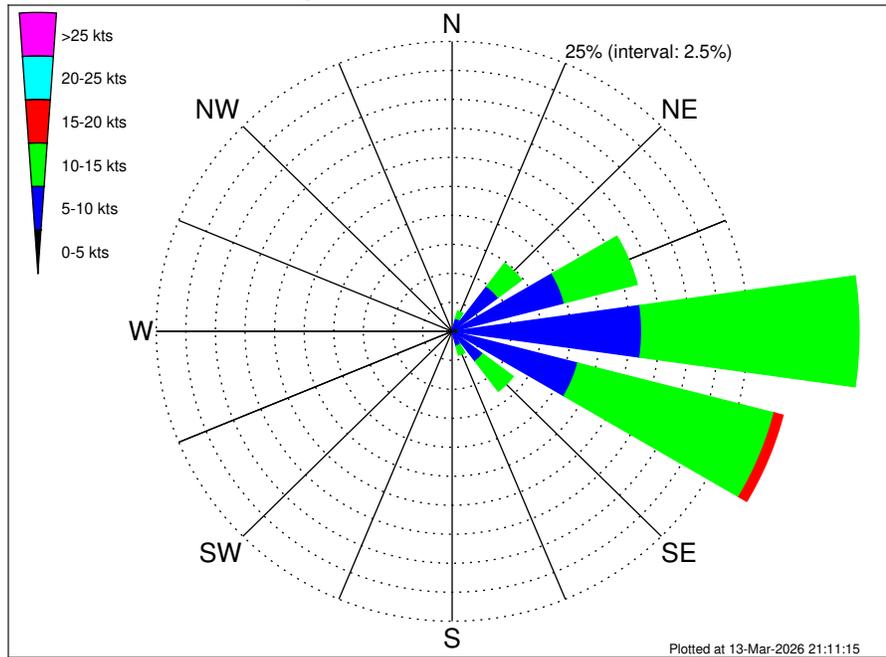


November Wind Speed PDF: 1979-2015

Most Frequent Wind Speed: 10.25 kts



Tanzania 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	0.01	•	•	•	•	•	•	•	•	•	•	•	•	0.01	•	•	0.03
0 - 5 kts	0.08	0.12	0.40	0.59	0.56	0.46	0.39	0.16	0.12	0.03	0.04	0.04	0.03	0.03	0.03	0.08	3.16
5 - 10 kts	0.17	1.03	4.46	9.21	15.46	10.51	2.85	1.16	0.27	0.09	0.01	•	0.03	0.05	0.03	0.05	45.39
10 - 15 kts	0.08	0.65	2.49	6.36	18.36	17.14	3.23	0.81	0.13	0.01	0.01	0.01	0.01	•	•	0.01	49.30
15 - 20 kts	•	0.05	0.20	0.01	0.40	0.78	0.23	0.19	0.16	•	•	•	•	•	•	•	2.03
20 - 25 kts	•	•	•	0.03	•	•	0.01	0.05	•	•	•	•	•	•	•	•	0.09
25 - 30 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
30 - 35 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
35 - 40 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
40 - 45 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
45 - 50 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	0.35	1.85	7.55	16.20	34.78	28.88	6.71	2.37	0.69	0.13	0.07	0.05	0.07	0.09	0.05	0.15	100.00