

Kenya MBES - November

Latitude: 3.25 S Longitude: 41.81 E

Weather Days

Wave Height > 5.0 ft Mean: 3.8 days Range: 0.6 - 6.9 days p50:4.5 days p75:2 days p90:1.5 days

Wave Height > 6.5 ft Mean: 0.2 days Range: 0.0 - 1.0 days p50:30 days p75:30 days p90:2.5 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: 0.3 days Range: 0.0 - 0.9 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 1.5 times per month

Wave Height < 6.5 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

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 14 - 16 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: SE

Currents

Mean Speed: 0.25-0.50 kts

The currents will occasionally reach 1.50-1.75 kts, but rarely greater.

Principle Direction, to: NE

Weather Days

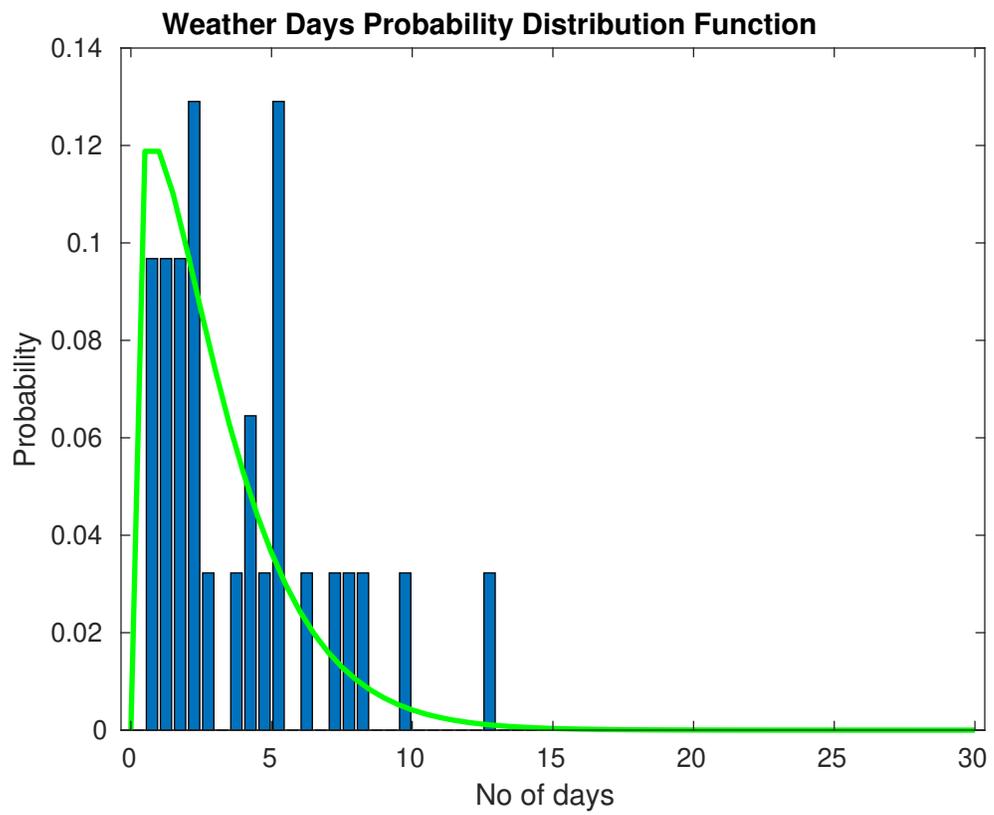
Current Speed > 0.5 knots Mean: 17.2 days Range: 9.7 - 24.7 days p50:18 days p75:13 days p90:7 days

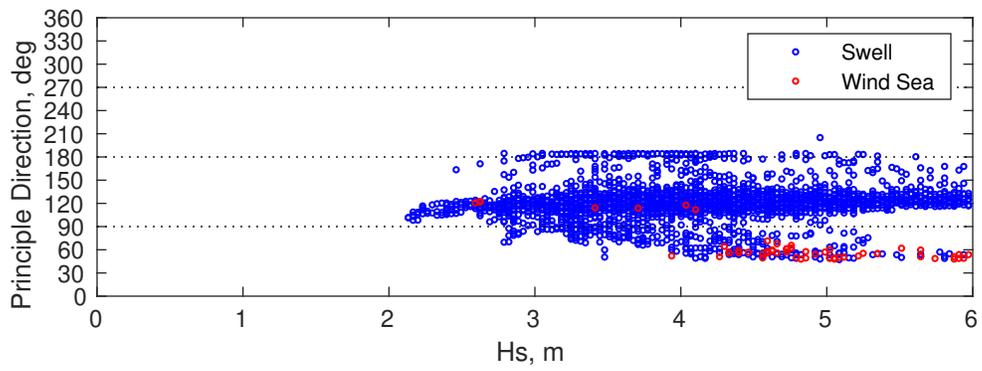
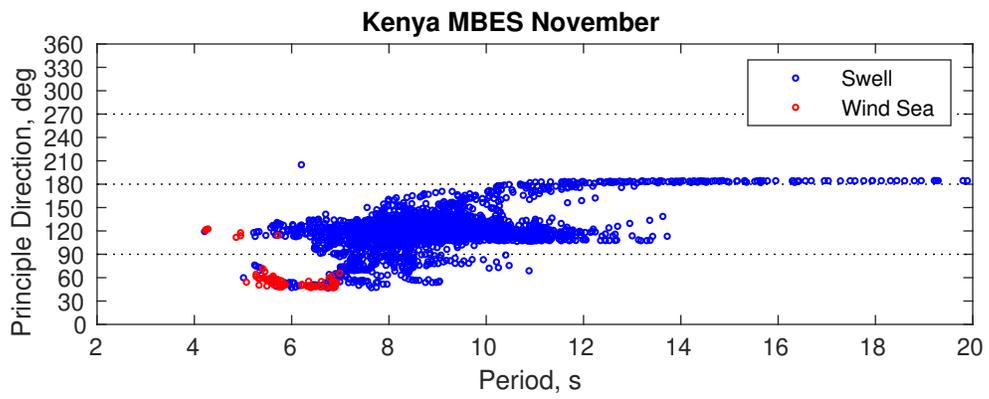
Current Speed > 1.0 knots Mean: 5.3 days Range: 0.1 - 10.4 days p50:6 days p75:2 days p90:1 days

Current Speed > 1.5 knots Mean: 0.6 days Range: 0.0 - 1.9 days p50:1 days p75:1 days p90:1 days

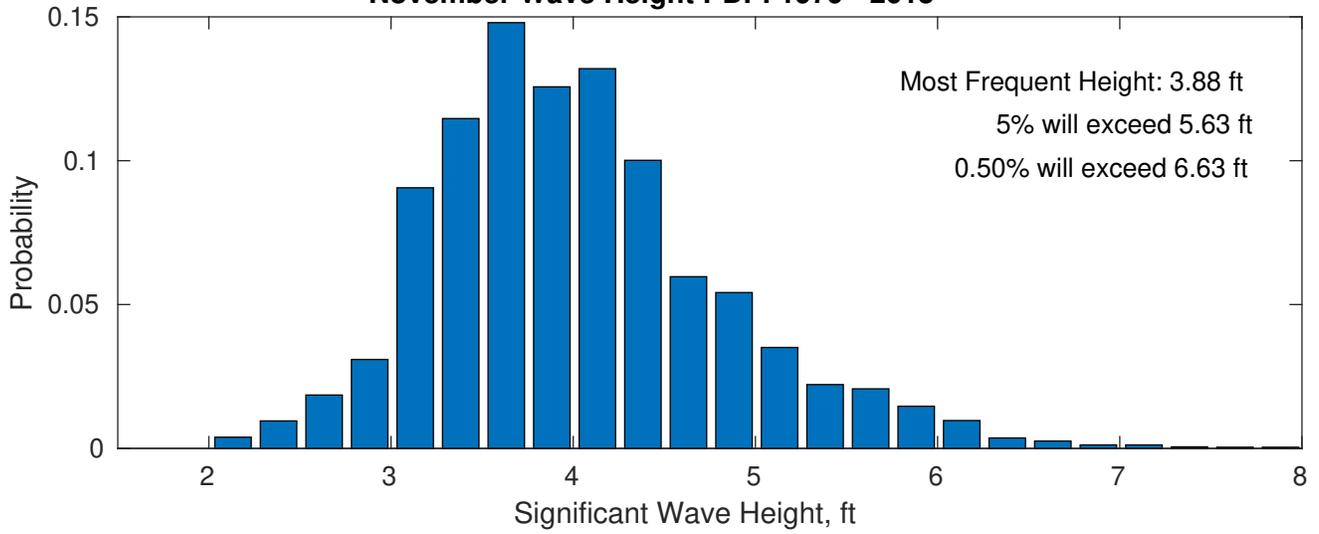
Severe Storms

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

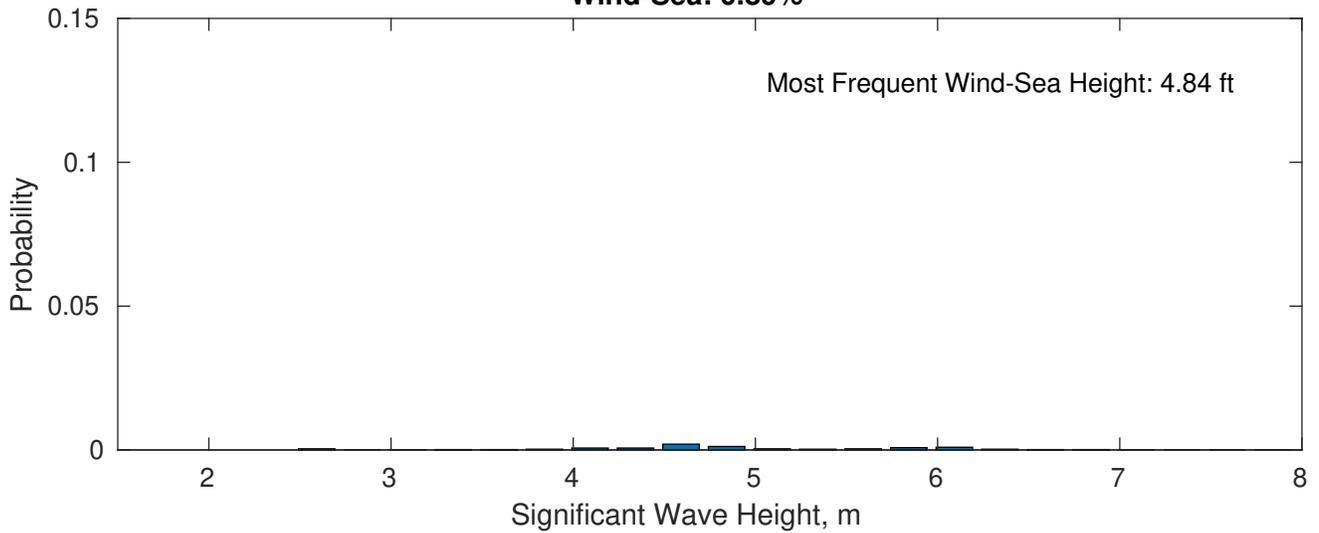




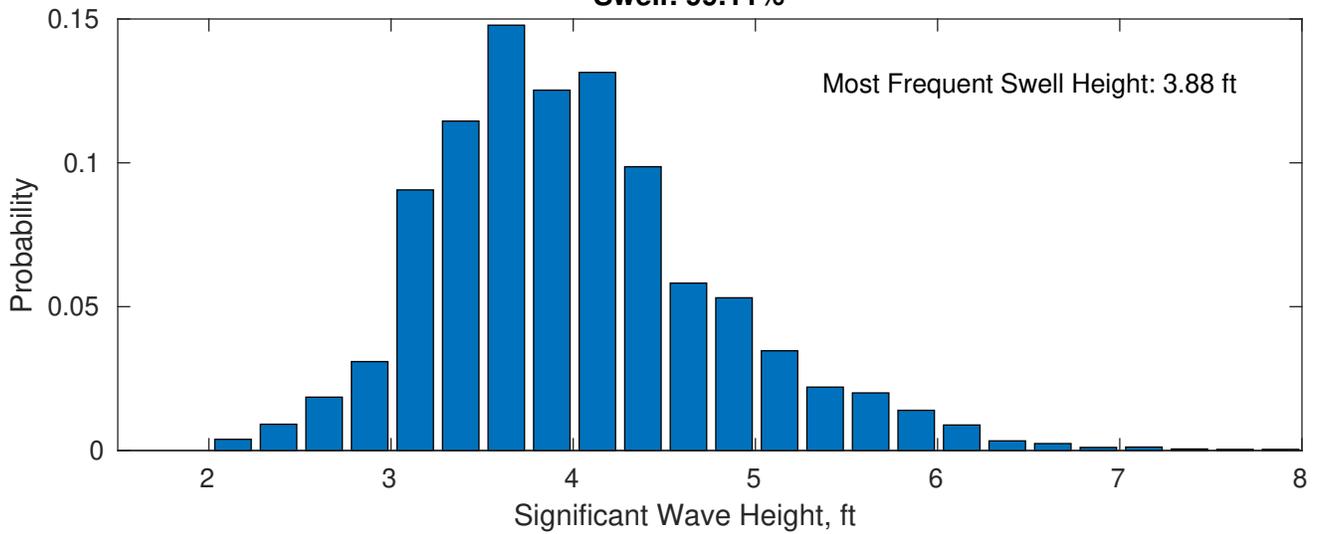
November Wave Height PDF: 1979 - 2015



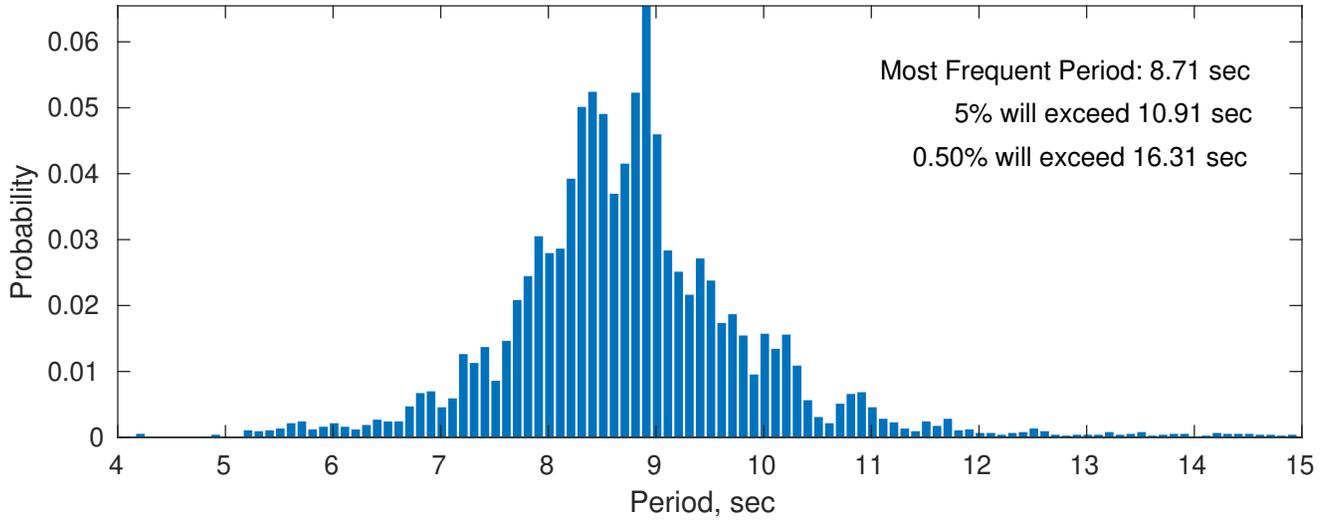
Wind-Sea: 0.89%



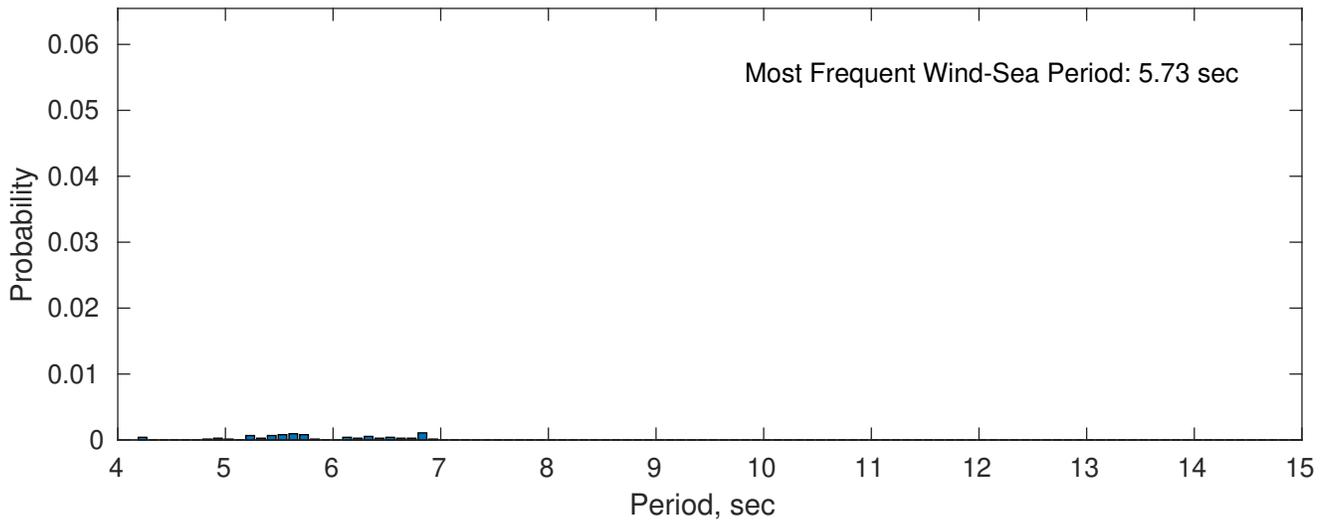
Swell: 99.11%



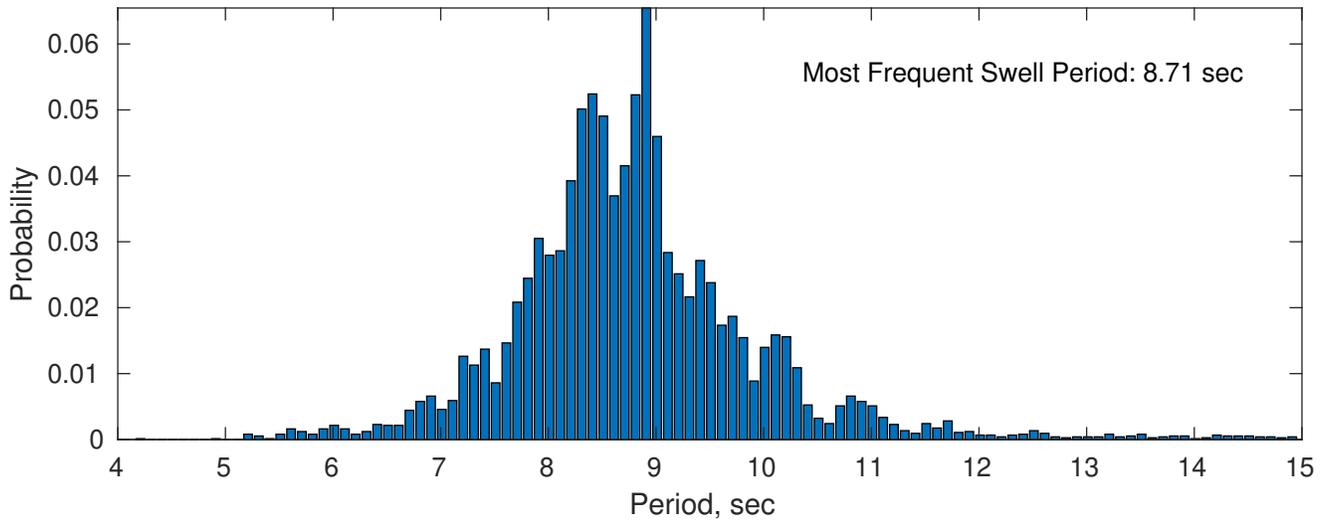
November Peak Wave Period PDF: 1979 - 2015



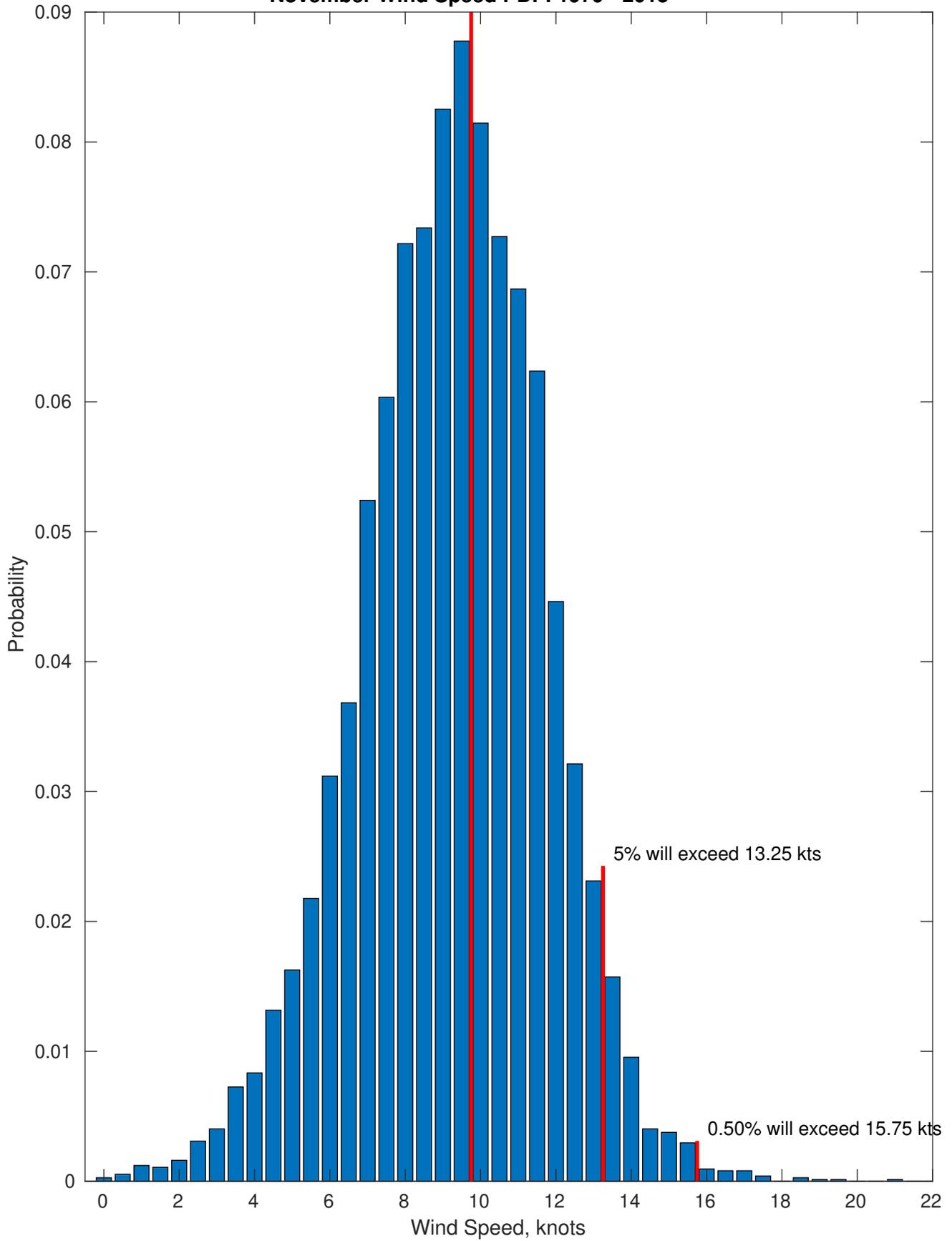
Wind-Sea: 0.89%



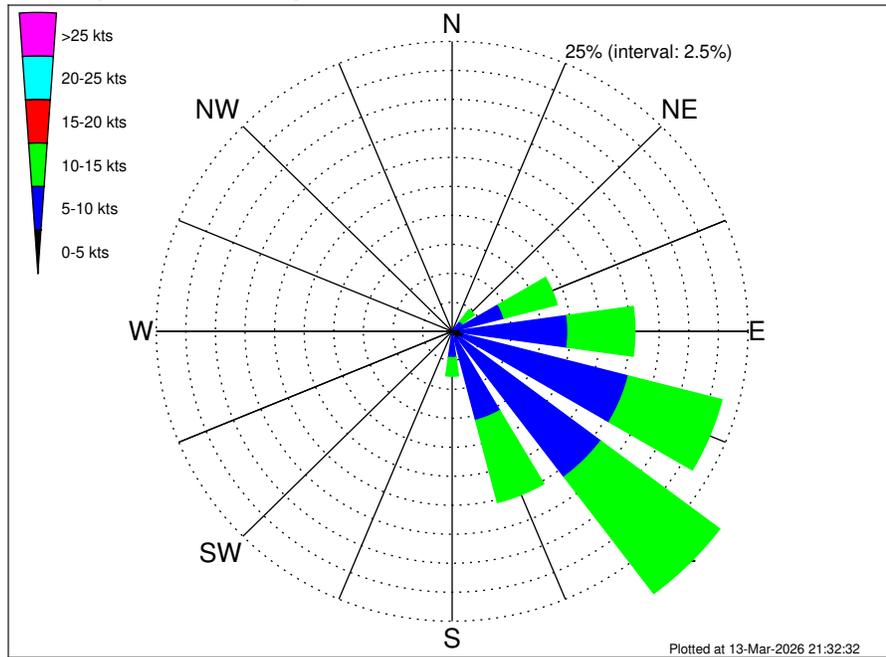
Swell: 99.11%



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



Kenya 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	•	0.01	•	0.03	•	•	0.01	•	•	•	•	•	0.08
0 - 5 kts	0.03	0.05	0.16	0.24	0.73	0.97	0.75	0.56	0.27	0.07	0.07	0.01	•	0.04	0.03	•	3.98
5 - 10 kts	0.07	0.19	0.93	4.26	9.06	14.41	14.97	7.34	2.00	0.24	•	•	•	•	•	•	53.47
10 - 15 kts	•	0.05	1.26	4.64	5.66	8.16	12.58	7.33	1.60	0.16	•	•	•	•	•	•	41.44
15 - 20 kts	•	•	0.15	0.50	0.08	0.03	0.03	0.20	0.04	•	•	•	•	•	•	•	1.02
20 - 25 kts	•	•	•	0.01	•	•	•	•	•	•	•	•	•	•	•	•	0.01
25 - 30 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
30 - 35 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
35 - 40 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
40 - 45 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
45 - 50 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	0.09	0.31	2.50	9.66	15.52	23.58	28.33	15.46	3.91	0.47	0.08	0.01	•	0.04	0.03	•	100.00