

Kenya MBES - August

Latitude: 3.25 S Longitude: 41.81 E

Weather Days

Wave Height > 5.0 ft Mean: 29.6 days Range: 29.1 - 30.0 days p50:30 days p75:29.5 days p90:28.5 days

Wave Height > 6.5 ft Mean: 25.7 days Range: 22.4 - 29.0 days p50:25.5 days p75:23.5 days p90:23 days

Wave Height > 8.0 ft Mean: 13.6 days Range: 8.8 - 18.4 days p50:13.5 days p75:10.5 days p90:8.5 days

Wind Speed > 15.0 knots Mean: 20.6 days Range: 17.7 - 23.6 days p50:20.5 days p75:18.5 days p90:17.5 days

Wind Speed > 20.0 knots Mean: 2.0 days Range: 0.3 - 3.6 days p50:1.5 days p75:1 days p90:0.5 days

Wind Speed > 25.0 knots Mean: 0.0 days Range: 0.0 - 0.1 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 0.0 times per month
A 2 day or longer window will statistically occur 0.0 times per month
A 3 day or longer window will statistically occur 0.0 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 0.6 times per month
A 3 day or longer window will statistically occur 0.3 times per month

Wave Height < 8.0 ft
A 1 day or longer window will statistically occur 3.2 times per month
A 2 day or longer window will statistically occur 2.1 times per month
A 3 day or longer window will statistically occur 1.7 times per month

Waves

Mean Height: 6 - 8 ft

The wave heights will occasionally reach 10 - 12 ft, but rarely higher.

Mean Period: 8 - 10 sec

The wave periods will occasionally reach 10 - 12 sec, but rarely longer.

Principle Direction, from: ESE

WindSea/Swell: 3% / 97%

Winds

Mean Speed: 15 - 20 kts

The winds will occasionally reach 20 - 25 kts, but rarely greater.

Principle Direction, from: SSE

Currents

Mean Speed: 0.50-0.75 kts

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

Principle Direction, to: NNE

Weather Days

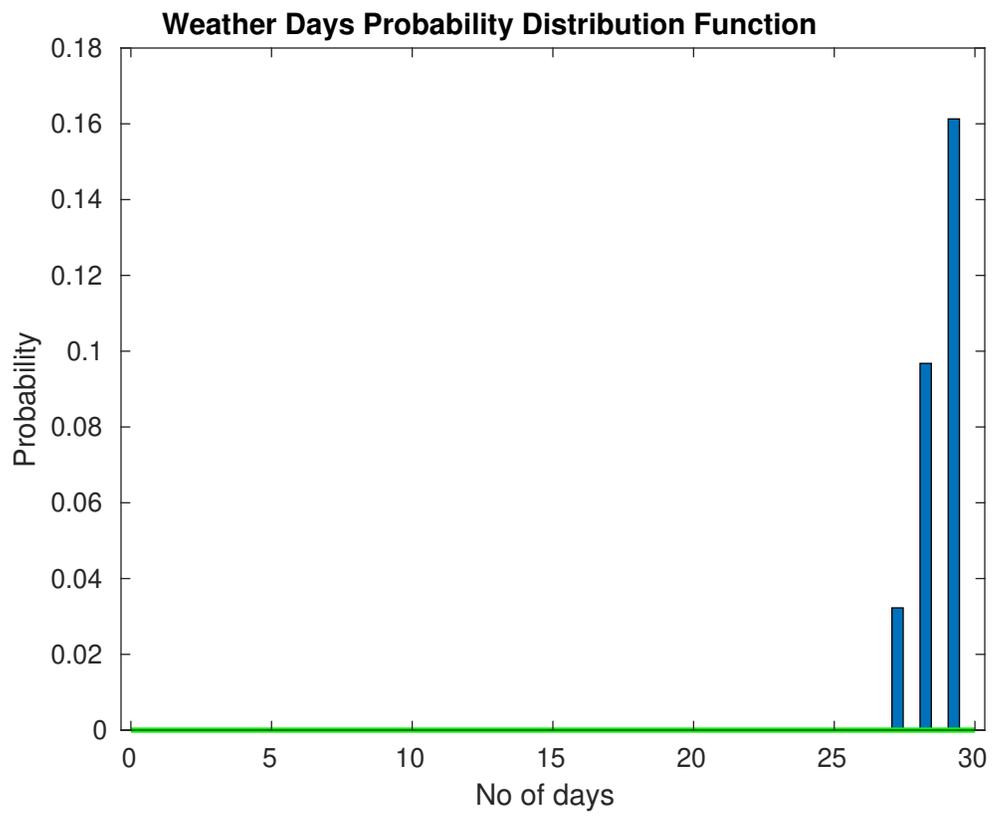
Current Speed > 0.5 knots Mean: 23.0 days Range: 16.7 - 29.2 days p50:26 days p75:20 days p90:12 days

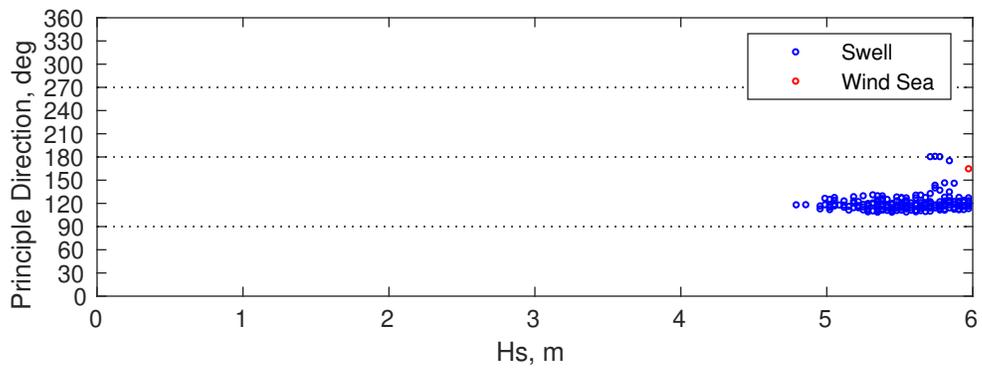
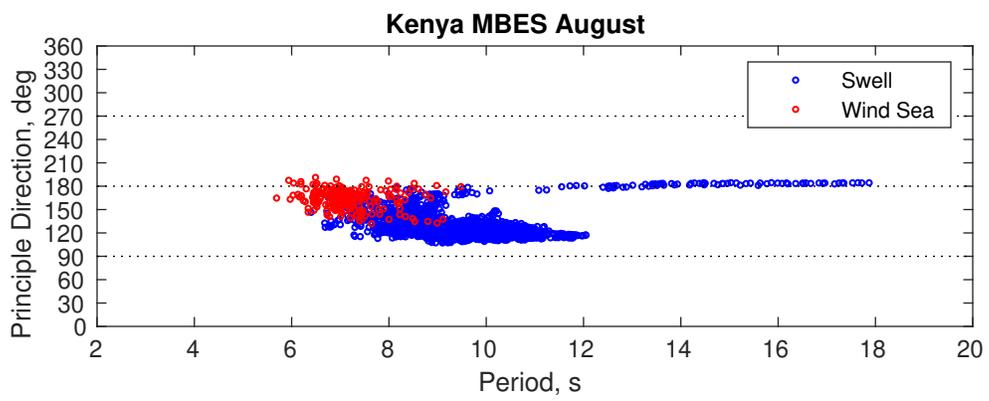
Current Speed > 1.0 knots Mean: 9.8 days Range: 1.9 - 17.8 days p50:8 days p75:4 days p90:2 days

Current Speed > 1.5 knots Mean: 2.3 days Range: 0.0 - 8.2 days p50:1 days p75:1 days p90:1 days

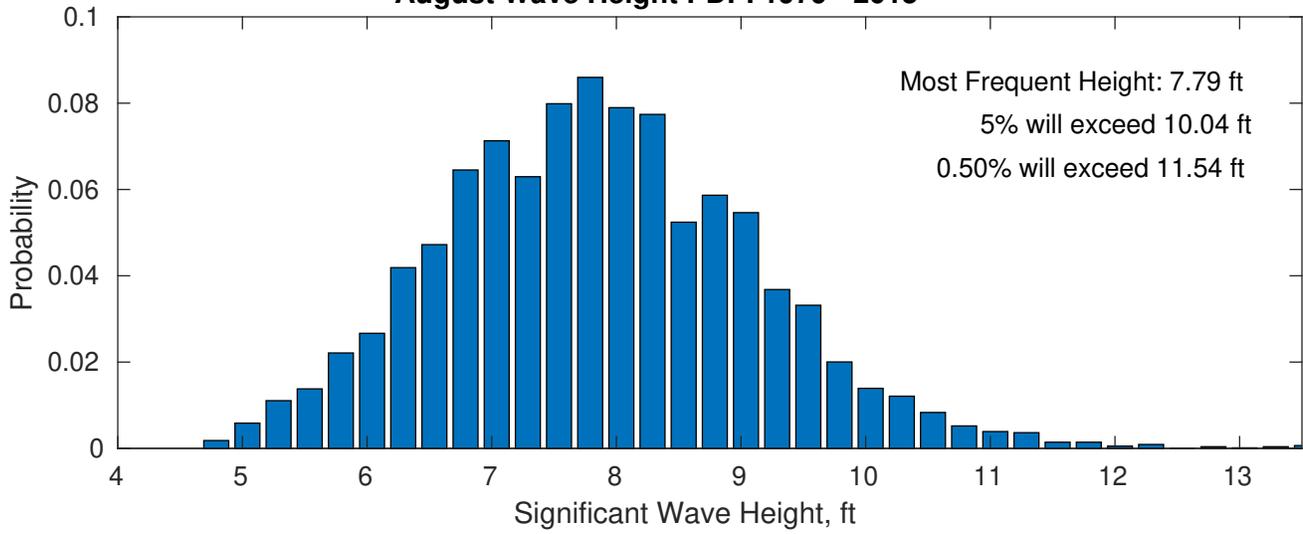
Severe Storms

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

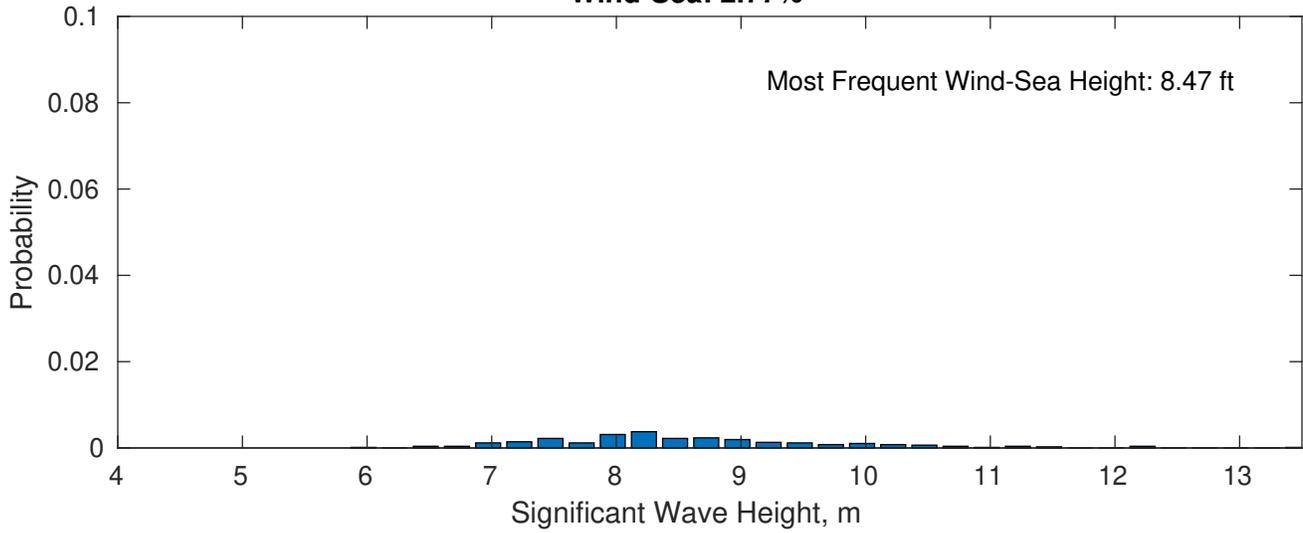




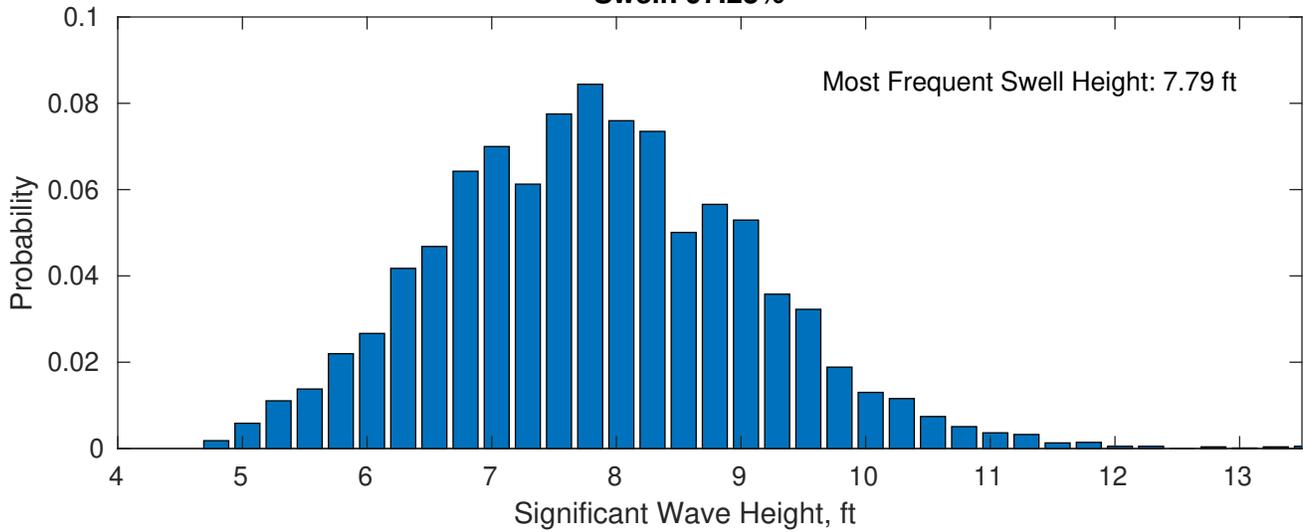
August Wave Height PDF: 1979 - 2015



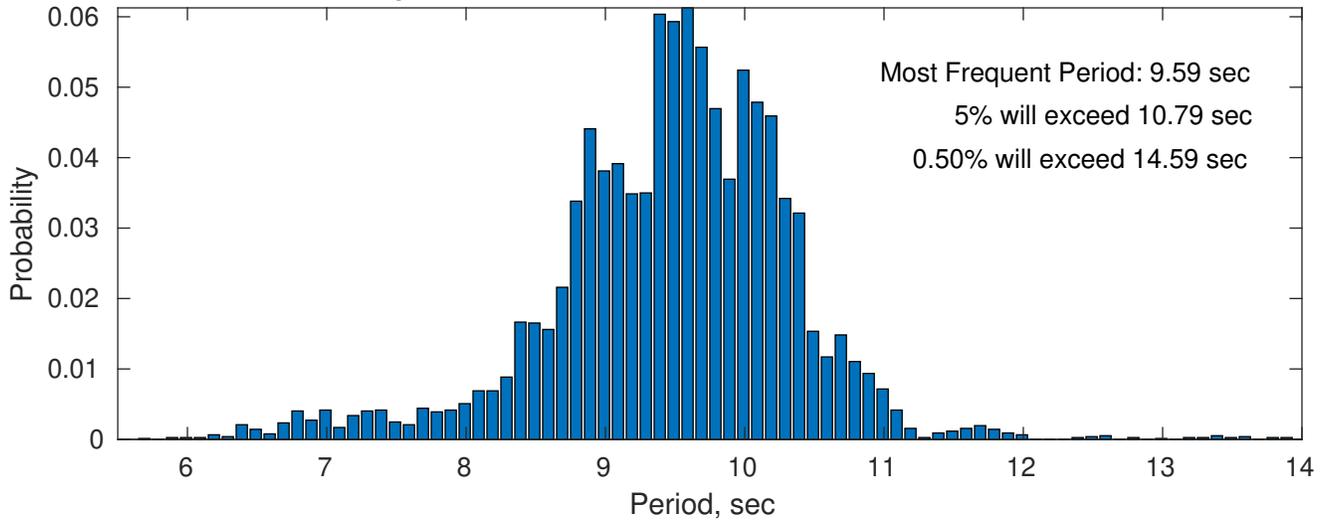
Wind-Sea: 2.77%



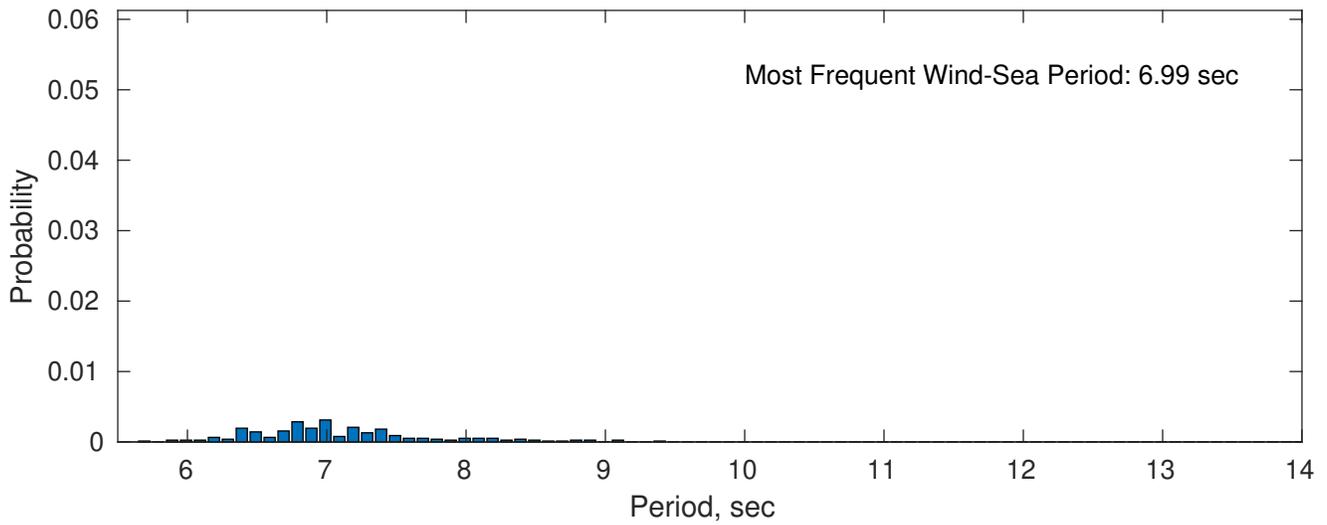
Swell: 97.23%



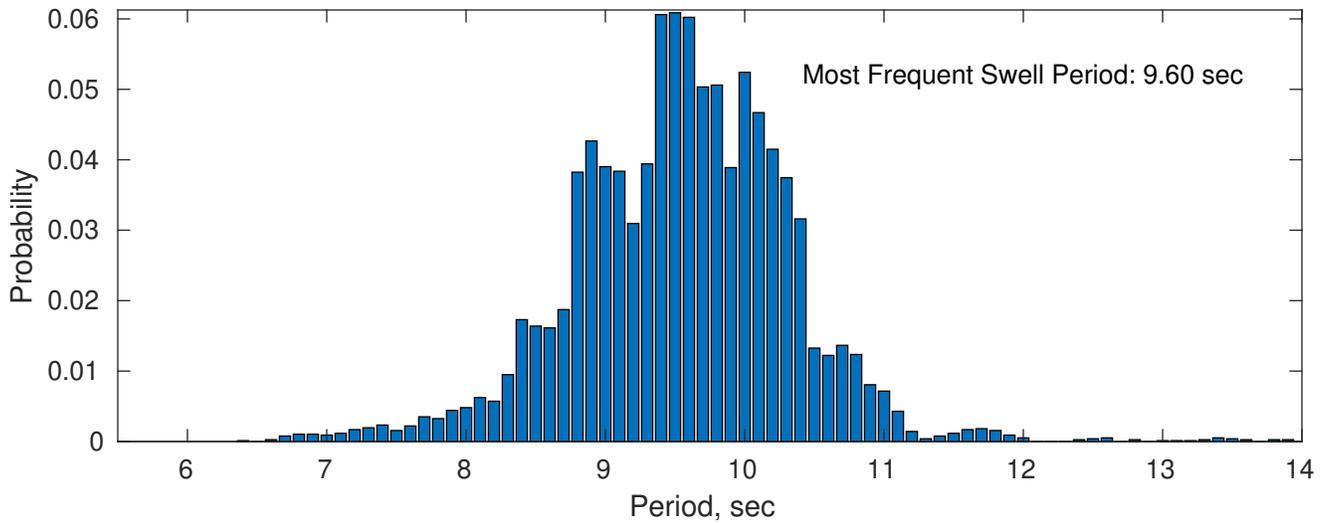
August Peak Wave Period PDF: 1979 - 2015



Wind-Sea: 2.77%



Swell: 97.23%



August Wind Speed PDF: 1979 - 2015

Most Frequent Wind Speed: 16.25 kts

