

Kenya MBES - March

Latitude: 3.25 S Longitude: 41.81 E

Weather Days

Wave Height > 5.0 ft Mean: 2.7 days Range: 0.0 - 5.5 days p50:3.5 days p75:2 days p90:0.5 days

Wave Height > 6.5 ft Mean: 0.7 days Range: 0.0 - 2.1 days p50:30 days p75:2.5 days p90:1.5 days

Wave Height > 8.0 ft Mean: 0.1 days Range: 0.0 - 0.5 days p50:30 days p75:30 days p90:30 days

Wind Speed > 15.0 knots Mean: 1.8 days Range: 0.5 - 3.0 days p50:2 days p75:1 days p90:0.5 days

Wind Speed > 20.0 knots Mean: 0.1 days Range: 0.0 - 0.2 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 1.8 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 1.1 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 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 0.9 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 18 - 20 sec, but rarely longer.

Principle Direction, from: SE

WindSea/Swell: 5% / 95%

Winds

Mean Speed: 10 - 15 kts

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

Principle Direction, from: E

Currents

Mean Speed: 1.50-1.75 kts

The currents will occasionally reach 2.25-2.50 kts, but rarely greater.

Principle Direction, to: S

Weather Days

Current Speed > 0.5 knots Mean: 29.2 days Range: 27.2 - 30.0 days p50:31 days p75:31 days p90:28 days

Current Speed > 1.0 knots Mean: 24.8 days Range: 20.5 - 29.1 days p50:26 days p75:22 days p90:19 days

Current Speed > 1.5 knots Mean: 16.3 days Range: 10.6 - 22.0 days p50:16 days p75:14 days p90:11 days

Severe Storms

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