

Kenya MBES - October

Latitude: 3.25 S Longitude: 41.81 E

Weather Days

Wave Height > 5.0 ft Mean: 18.9 days Range: 13.0 - 24.7 days p50:20 days p75:15.5 days p90:9.5 days

Wave Height > 6.5 ft Mean: 5.1 days Range: 0.9 - 9.3 days p50:4 days p75:2 days p90:1 days

Wave Height > 8.0 ft Mean: 0.8 days Range: 0.0 - 2.4 days p50:30 days p75:3 days p90:1 days

Wind Speed > 15.0 knots Mean: 2.5 days Range: 0.5 - 4.6 days p50:2 days p75:1.5 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 1.6 times per month
A 3 day or longer window will statistically occur 1.1 times per month

Wave Height < 6.5 ft
A 1 day or longer window will statistically occur 2.5 times per month
A 2 day or longer window will statistically occur 2.2 times per month
A 3 day or longer window will statistically occur 1.8 times per month

Wave Height < 8.0 ft
A 1 day or longer window will statistically occur 1.3 times per month
A 2 day or longer window will statistically occur 1.2 times per month
A 3 day or longer window will statistically occur 1.2 times per month

Waves

Mean Height: 4 - 6 ft

The wave heights will occasionally reach 8 - 10 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: 0% / 100%

Winds

Mean Speed: 10 - 15 kts

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

Principle Direction, from: SSE

Currents

Mean Speed: 0.50-0.75 kts

The currents will occasionally reach 1.75-2.00 kts, but rarely greater.

Principle Direction, to: NNE

Weather Days

Current Speed > 0.5 knots Mean: 19.3 days Range: 11.9 - 26.7 days p50:21 days p75:14 days p90:9 days

Current Speed > 1.0 knots Mean: 5.4 days Range: 0.0 - 11.0 days p50:5 days p75:3 days p90:1 days

Current Speed > 1.5 knots Mean: 1.1 days Range: 0.0 - 3.3 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.