

Zanzibar MBES - March

Latitude: 5.47 S Longitude: 41.14 E

Weather Days

Wave Height > 5.0 ft Mean: 1.7 days Range: 0.0 - 3.8 days p50:4.5 days p75:1.5 days p90:1 days

Wave Height > 6.5 ft Mean: 0.3 days Range: 0.0 - 1.0 days p50:30 days p75:30 days p90:1.5 days

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

Wind Speed > 15.0 knots Mean: 1.2 days Range: 0.1 - 2.3 days p50:1 days p75:0.5 days p90:0.5 days

Wind Speed > 20.0 knots Mean: 0.0 days Range: 0.0 - 0.2 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 1.6 times per month
A 2 day or longer window will statistically occur 1.5 times per month
A 3 day or longer window will statistically occur 1.4 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: 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 14 - 16 sec, but rarely longer.

Principle Direction, from: ESE

WindSea/Swell: 5% / 95%

Winds

Mean Speed: 5 - 10 kts

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

Principle Direction, from: ENE

Currents

Mean Speed: 0.50-0.75 kts

The currents will occasionally reach 2.00-2.25 kts, but rarely greater.

Principle Direction, to: NNW

Weather Days

Current Speed > 0.5 knots Mean: 14.2 days Range: 7.5 - 20.9 days p50:15 days p75:11 days p90:7 days

Current Speed > 1.0 knots Mean: 3.0 days Range: 0.0 - 7.5 days p50:2 days p75:1 days p90:1 days

Current Speed > 1.5 knots Mean: 1.0 days Range: 0.0 - 3.7 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.