

Tanzania MBES - December

Latitude: 8.22 S Longitude: 41.08 E

Weather Days

Wave Height > 5.0 ft Mean: 3.9 days Range: 0.6 - 7.1 days p50:5.5 days p75:2 days p90:1 days

Wave Height > 6.5 ft Mean: 0.7 days Range: 0.0 - 1.8 days p50:30 days p75:2 days p90:1.5 days

Wave Height > 8.0 ft Mean: 0.2 days Range: 0.0 - 0.7 days p50:30 days p75:30 days p90:2 days

Wind Speed > 15.0 knots Mean: 1.7 days Range: 0.2 - 3.2 days p50:1.5 days p75:0.5 days p90:0.5 days

Wind Speed > 20.0 knots Mean: 0.1 days Range: 0.0 - 0.3 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 1.9 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 1.2 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 1.1 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 8 - 10 ft, but rarely higher.

Mean Period: 6 - 8 sec

The wave periods will occasionally reach 12 - 14 sec, but rarely longer.

Principle Direction, from: NE

WindSea/Swell: 3% / 97%

Winds

Mean Speed: 5 - 10 kts

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

Principle Direction, from: NNE

Currents

Mean Speed: 0.50-0.75 kts

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

Principle Direction, to: WNW

Weather Days

Current Speed > 0.5 knots Mean: 16.9 days Range: 12.1 - 21.8 days p50:17 days p75:15 days p90:12 days

Current Speed > 1.0 knots Mean: 2.6 days Range: 0.2 - 5.1 days p50:4 days p75:1 days p90:1 days

Current Speed > 1.5 knots Mean: 0.3 days Range: 0.0 - 1.0 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.