

Zanzibar MBES - February

Latitude: 5.47 S Longitude: 41.14 E

Weather Days

Wave Height > 5.0 ft Mean: 11.2 days Range: 4.9 - 17.4 days p50:9 days p75:6 days p90:5 days
Wave Height > 6.5 ft Mean: 3.8 days Range: 0.5 - 7.2 days p50:3.5 days p75:1.5 days p90:0.5 days
Wave Height > 8.0 ft Mean: 0.8 days Range: 0.0 - 2.1 days p50:30 days p75:1 days p90:0.5 days

Wind Speed > 15.0 knots Mean: 7.5 days Range: 3.5 - 11.5 days p50:8 days p75:4.5 days p90:3 days
Wind Speed > 20.0 knots Mean: 0.6 days Range: 0.0 - 1.4 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 2.3 times per month A 2 day or longer window will statistically occur 1.8 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 1.8 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 1.5 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 0.9 times per month A 3 day or longer window will statistically occur 0.9 times per month

Waves

Mean Height: 4 - 6 ft
The wave heights will occasionally reach 8 - 10 ft, but rarely higher.
Mean Period: 6 - 8 sec
The wave periods will occasionally reach 10 - 12 sec, but rarely longer.
Principle Direction, from: NE
WindSea/Swell: 15% / 85%

Winds

Mean Speed: 10 - 15 kts
The winds will occasionally reach 20 - 25 kts, but rarely greater.
Principle Direction, from: NE

Currents

Mean Speed: 0.25-0.50 kts
The currents will occasionally reach 2.25-2.50 kts, but rarely greater.
Principle Direction, to: SSE

Weather Days
Current Speed > 0.5 knots Mean: 12.4 days Range: 6.4 - 18.4 days p50:14 days p75:9 days p90:3 days
Current Speed > 1.0 knots Mean: 3.0 days Range: 0.0 - 8.2 days p50:1 days p75:1 days p90:1 days
Current Speed > 1.5 knots Mean: 1.9 days Range: 0.0 - 5.7 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.