

Tanzania MBES - April

Latitude: 8.22 S Longitude: 41.08 E

Weather Days

Wave Height > 5.0 ft Mean: 6.3 days Range: 1.8 - 10.7 days p50:6.5 days p75:3.5 days p90:1 days
Wave Height > 6.5 ft Mean: 1.7 days Range: 0.0 - 3.8 days p50:2.5 days p75:1.5 days p90:0.5 days
Wave Height > 8.0 ft Mean: 0.6 days Range: 0.0 - 1.6 days p50:30 days p75:1.5 days p90:0.5 days

Wind Speed > 15.0 knots Mean: 3.8 days Range: 1.1 - 6.5 days p50:3.5 days p75:2 days p90:1 days
Wind Speed > 20.0 knots Mean: 0.3 days Range: 0.0 - 0.9 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 - 0.2 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 2.5 times per month A 2 day or longer window will statistically occur 2.1 times per month A 3 day or longer window will statistically occur 1.8 times per month
Wave Height < 6.5 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 < 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: 2 - 4 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: 14% / 86%

Winds

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

Currents

Mean Speed: 0.50-0.75 kts
The currents will occasionally reach 1.75-2.00 kts, but rarely greater.
Principle Direction, to: NW

Weather Days

Current Speed > 0.5 knots Mean: 24.5 days Range: 20.5 - 28.4 days p50:26 days p75:23 days p90:19 days
Current Speed > 1.0 knots Mean: 6.0 days Range: 0.0 - 12.5 days p50:5 days p75:2 days p90:1 days
Current Speed > 1.5 knots Mean: 1.0 days Range: 0.0 - 4.3 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.