

## Tanzania MBES - February

Latitude: 8.22 S Longitude: 41.08 E

### Weather Days

Wave Height > 5.0 ft Mean: 8.5 days Range: 3.3 - 13.7 days p50:8 days p75:5 days p90:3 days

Wave Height > 6.5 ft Mean: 2.6 days Range: 0.0 - 5.3 days p50:3.5 days p75:1.5 days p90:0.5 days

Wave Height > 8.0 ft Mean: 0.5 days Range: 0.0 - 1.4 days p50:30 days p75:1 days p90:0.5 days

Wind Speed > 15.0 knots Mean: 4.5 days Range: 1.7 - 7.2 days p50:4.5 days p75:2.5 days p90:2 days

Wind Speed > 20.0 knots Mean: 0.2 days Range: 0.0 - 0.6 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 1.9 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 1.5 times per month  
A 2 day or longer window will statistically occur 1.3 times per month  
A 3 day or longer window will statistically occur 1.3 times per month

Wave Height < 8.0 ft  
A 1 day or longer window will statistically occur 0.7 times per month  
A 2 day or longer window will statistically occur 0.7 times per month  
A 3 day or longer window will statistically occur 0.7 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 12 - 14 sec, but rarely longer.

Principle Direction, from: NE

WindSea/Swell: 7% / 93%

### Winds

Mean Speed: 10 - 15 kts

The winds will occasionally reach 20 - 25 kts, but rarely greater.

Principle Direction, from: NNE

### Currents

Mean Speed: 0.25-0.50 kts

The currents will occasionally reach 1.25-1.50 kts, but rarely greater.

Principle Direction, to: NW

Weather Days

Current Speed > 0.5 knots Mean: 12.4 days Range: 6.8 - 18.0 days p50:13 days p75:9 days p90:6 days

Current Speed > 1.0 knots Mean: 1.0 days Range: 0.0 - 3.1 days p50:1 days p75:1 days p90:1 days

Current Speed > 1.5 knots Mean: 0.1 days Range: 0.0 - 0.3 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.