

## Tanzania MBES - September

Latitude: 8.22 S Longitude: 41.08 E

### Weather Days

Wave Height > 5.0 ft Mean: 23.1 days Range: 18.0 - 28.1 days p50:24 days p75:18.5 days p90:15 days

Wave Height > 6.5 ft Mean: 8.8 days Range: 3.2 - 14.3 days p50:7.5 days p75:5 days p90:2.5 days

Wave Height > 8.0 ft Mean: 1.9 days Range: 0.2 - 3.7 days p50:3 days p75:1.5 days p90:1 days

Wind Speed > 15.0 knots Mean: 3.9 days Range: 1.9 - 5.9 days p50:4 days p75:3 days p90:1.5 days

Wind Speed > 20.0 knots Mean: 0.4 days Range: 0.0 - 1.0 days p50:0.5 days p75:0.5 days p90:0.5 days

Wind Speed > 25.0 knots Mean: 0.1 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 1.7 times per month  
A 2 day or longer window will statistically occur 1.1 times per month  
A 3 day or longer window will statistically occur 0.6 times per month

Wave Height < 6.5 ft  
A 1 day or longer window will statistically occur 3.3 times per month  
A 2 day or longer window will statistically occur 2.5 times per month  
A 3 day or longer window will statistically occur 1.9 times per month

Wave Height < 8.0 ft  
A 1 day or longer window will statistically occur 2.3 times per month  
A 2 day or longer window will statistically occur 2.0 times per month  
A 3 day or longer window will statistically occur 1.9 times per month

### Waves

Mean Height: 4 - 6 ft

The wave heights will occasionally reach 10 - 12 ft, but rarely higher.

Mean Period: 8 - 10 sec

The wave periods will occasionally reach 10 - 12 sec, but rarely longer.

Principle Direction, from: ESE

WindSea/Swell: 2% / 98%

### Winds

Mean Speed: 10 - 15 kts

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

Principle Direction, from: ESE

### Currents

Mean Speed: 0.25-0.50 kts

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

Principle Direction, to: WNW

Weather Days

Current Speed > 0.5 knots Mean: 14.2 days Range: 8.6 - 19.7 days p50:16 days p75:10 days p90:8 days

Current Speed > 1.0 knots Mean: 1.4 days Range: 0.0 - 3.2 days p50:2 days p75:1 days p90:1 days

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