

## Zanzibar MBES - August

Latitude: 5.47 S Longitude: 41.14 E

### Weather Days

Wave Height > 5.0 ft Mean: 29.3 days Range: 28.3 - 30.0 days p50:30 days p75:29 days p90:27.5 days

Wave Height > 6.5 ft Mean: 22.2 days Range: 18.2 - 26.2 days p50:22 days p75:19.5 days p90:17.5 days

Wave Height > 8.0 ft Mean: 7.8 days Range: 3.5 - 12.1 days p50:7.5 days p75:4 days p90:3 days

Wind Speed > 15.0 knots Mean: 14.6 days Range: 11.0 - 18.2 days p50:14 days p75:13 days p90:9.5 days

Wind Speed > 20.0 knots Mean: 1.0 days Range: 0.0 - 2.0 days p50:1 days p75:0.5 days p90:0.5 days

Wind Speed > 25.0 knots Mean: 0.0 days Range: 0.0 - 0.1 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 0.2 times per month  
A 2 day or longer window will statistically occur 0.1 times per month  
A 3 day or longer window will statistically occur 0.0 times per month

Wave Height < 6.5 ft  
A 1 day or longer window will statistically occur 1.9 times per month  
A 2 day or longer window will statistically occur 1.1 times per month  
A 3 day or longer window will statistically occur 0.7 times per month

Wave Height < 8.0 ft  
A 1 day or longer window will statistically occur 3.5 times per month  
A 2 day or longer window will statistically occur 2.8 times per month  
A 3 day or longer window will statistically occur 2.1 times per month

### Waves

Mean Height: 6 - 8 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: 3% / 97%

### Winds

Mean Speed: 10 - 15 kts

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

Principle Direction, from: SSE

### Currents

Mean Speed: 0.50-0.75 kts

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

Principle Direction, to: NNW

Weather Days

Current Speed > 0.5 knots Mean: 21.8 days Range: 15.7 - 27.9 days p50:24 days p75:19 days p90:15 days

Current Speed > 1.0 knots Mean: 4.9 days Range: 0.0 - 10.3 days p50:3 days p75:1 days p90:1 days

Current Speed > 1.5 knots Mean: 0.2 days Range: 0.0 - 0.9 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.