

## Kenya MBES - June

Latitude: 3.25 S Longitude: 41.81 E

### Weather Days

Wave Height > 5.0 ft Mean: 29.0 days Range: 27.7 - 30.0 days p50:29.5 days p75:28.5 days p90:27 days

Wave Height > 6.5 ft Mean: 24.3 days Range: 20.3 - 28.2 days p50:26 days p75:21.5 days p90:19.5 days

Wave Height > 8.0 ft Mean: 13.0 days Range: 7.8 - 18.2 days p50:14 days p75:9 days p90:5.5 days

Wind Speed > 15.0 knots Mean: 23.9 days Range: 20.8 - 27.1 days p50:24.5 days p75:22.5 days p90:21 days

Wind Speed > 20.0 knots Mean: 4.1 days Range: 1.0 - 7.1 days p50:3.5 days p75:2 days p90:1 days

Wind Speed > 25.0 knots Mean: 0.2 days Range: 0.0 - 0.7 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 0.1 times per month

Wave Height < 6.5 ft  
A 1 day or longer window will statistically occur 1.4 times per month  
A 2 day or longer window will statistically occur 0.8 times per month  
A 3 day or longer window will statistically occur 0.5 times per month

Wave Height < 8.0 ft  
A 1 day or longer window will statistically occur 3.0 times per month  
A 2 day or longer window will statistically occur 2.2 times per month  
A 3 day or longer window will statistically occur 1.7 times per month

### Waves

Mean Height: 6 - 8 ft

The wave heights will occasionally reach 12 - 14 ft, but rarely higher.

Mean Period: 8 - 10 sec

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

Principle Direction, from: SE

WindSea/Swell: 19% / 81%

### Winds

Mean Speed: 15 - 20 kts

The winds will occasionally reach 25 - 30 kts, but rarely greater.

Principle Direction, from: S

### Currents

Mean Speed: 0.75-1.00 kts

The currents will occasionally reach 2.25-2.50 kts, but rarely greater.

Principle Direction, to: NNE

Weather Days

Current Speed > 0.5 knots Mean: 27.7 days Range: 23.4 - 30.0 days p50:31 days p75:28 days p90:20 days

Current Speed > 1.0 knots Mean: 18.2 days Range: 10.6 - 25.8 days p50:19 days p75:13 days p90:8 days

Current Speed > 1.5 knots Mean: 4.8 days Range: 0.0 - 12.0 days p50:3 days p75:1 days p90:1 days

### Severe Storms

Severe storms with gale force winds and extreme waves are not expected during this month.