

## Kenya MBES - May

Latitude: 3.25 S Longitude: 41.81 E

### Weather Days

Wave Height > 5.0 ft Mean: 21.9 days Range: 16.4 - 27.4 days p50:21.5 days p75:18.5 days p90:16 days

Wave Height > 6.5 ft Mean: 10.5 days Range: 6.3 - 14.8 days p50:10.5 days p75:8.5 days p90:4.5 days

Wave Height > 8.0 ft Mean: 2.7 days Range: 0.1 - 5.3 days p50:2.5 days p75:1 days p90:0.5 days

Wind Speed > 15.0 knots Mean: 9.7 days Range: 5.0 - 14.3 days p50:9 days p75:6.5 days p90:5.5 days

Wind Speed > 20.0 knots Mean: 0.6 days Range: 0.0 - 1.6 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 - 0.1 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 1.5 times per month  
A 2 day or longer window will statistically occur 0.9 times per month  
A 3 day or longer window will statistically occur 0.8 times per month

Wave Height < 6.5 ft  
A 1 day or longer window will statistically occur 2.7 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 1.7 times per month

Wave Height < 8.0 ft  
A 1 day or longer window will statistically occur 2.0 times per month  
A 2 day or longer window will statistically occur 1.7 times per month  
A 3 day or longer window will statistically occur 1.4 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 12 - 14 sec, but rarely longer.

Principle Direction, from: SE

WindSea/Swell: 9% / 91%

### Winds

Mean Speed: 10 - 15 kts

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

Principle Direction, from: S

### Currents

Mean Speed: 1.00-1.25 kts

The currents will occasionally reach 2.00-2.25 kts, but rarely greater.

Principle Direction, to: NNE

Weather Days

Current Speed > 0.5 knots Mean: 28.7 days Range: 26.3 - 30.0 days p50:31 days p75:29 days p90:24 days

Current Speed > 1.0 knots Mean: 23.4 days Range: 18.4 - 28.4 days p50:24 days p75:20 days p90:15 days

Current Speed > 1.5 knots Mean: 13.3 days Range: 6.5 - 20.0 days p50:15 days p75:9 days p90:6 days

### Severe Storms

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