

Madagascar MBES - February

Latitude: 14.97 S Longitude: 45.59 E

Weather Days

Wave Height > 5.0 ft Mean: 3.2 days Range: 0.0 - 6.4 days p50:5 days p75:2 days p90:1.5 days
Wave Height > 6.5 ft Mean: 1.7 days Range: 0.0 - 4.1 days p50:6.5 days p75:1.5 days p90:1 days
Wave Height > 8.0 ft Mean: 1.1 days Range: 0.0 - 2.7 days p50:6 days p75:1 days p90:1 days
Wind Speed > 15.0 knots Mean: 3.7 days Range: 0.5 - 7.0 days p50:3 days p75:1 days p90:0.5 days
Wind Speed > 20.0 knots Mean: 1.4 days Range: 0.0 - 3.1 days p50:1 days p75:0.5 days p90:0.5 days
Wind Speed > 25.0 knots Mean: 0.4 days Range: 0.0 - 1.2 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 1.5 times per month A 3 day or longer window will statistically occur 1.4 times per month |
| Wave Height < 6.5 ft | A 1 day or longer window will statistically occur 1.1 times per month A 2 day or longer window will statistically occur 1.0 times per month A 3 day or longer window will statistically occur 0.9 times per month |
| Wave Height < 8.0 ft | A 1 day or longer window will statistically occur 0.9 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 |

Waves

Mean Height: 2 - 4 ft
The wave heights will occasionally reach 10 - 12 ft, but rarely higher.
Mean Period: 6 - 8 sec
The wave periods will occasionally reach 8 - 10 sec, but rarely longer.
Principle Direction, from: NNE
WindSea/Swell: 18% / 82%

Winds

Mean Speed: 5 - 10 kts
The winds will occasionally reach 25 - 30 kts, but rarely greater.
Principle Direction, from: WNW

Currents

Mean Speed: 0.50-0.75 kts
The currents will occasionally reach 1.50-1.75 kts, but rarely greater.
Principle Direction, to: ENE

Weather Days

Current Speed > 0.5 knots Mean: 19.5 days Range: 12.6 - 26.4 days p50:21 days p75:16 days p90:9 days
Current Speed > 1.0 knots Mean: 4.6 days Range: 0.0 - 9.9 days p50:4 days p75:1 days p90:1 days
Current Speed > 1.5 knots Mean: 0.7 days Range: 0.0 - 2.2 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.