

Madagascar MBES - December

Latitude: 14.97 S Longitude: 45.59 E

Weather Days

Wave Height > 5.0 ft Mean: 0.6 days Range: 0.0 - 1.6 days p50:30 days p75:2 days p90:1 days

Wave Height > 6.5 ft Mean: 0.3 days Range: 0.0 - 0.8 days p50:30 days p75:3 days p90:1 days

Wave Height > 8.0 ft Mean: 0.1 days Range: 0.0 - 0.5 days p50:30 days p75:30 days p90:0.5 days

Wind Speed > 15.0 knots Mean: 1.4 days Range: 0.1 - 2.7 days p50:1.5 days p75:0.5 days p90:0.5 days

Wind Speed > 20.0 knots Mean: 0.3 days Range: 0.0 - 0.9 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 - 0.4 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 1.4 times per month
A 2 day or longer window will statistically occur 1.3 times per month
A 3 day or longer window will statistically occur 1.2 times per month

Wave Height < 6.5 ft
A 1 day or longer window will statistically occur 1.2 times per month
A 2 day or longer window will statistically occur 1.2 times per month
A 3 day or longer window will statistically occur 1.1 times per month

Wave Height < 8.0 ft
A 1 day or longer window will statistically occur 1.1 times per month
A 2 day or longer window will statistically occur 1.1 times per month
A 3 day or longer window will statistically occur 1.0 times per month

Waves

Mean Height: 2 - 4 ft

The wave heights will occasionally reach 6 - 8 ft, but rarely higher.

Mean Period: 6 - 8 sec

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

Principle Direction, from: NNE

WindSea/Swell: 10% / 90%

Winds

Mean Speed: 5 - 10 kts

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

Principle Direction, from: NW

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: 14.0 - 25.0 days p50:21 days p75:18 days p90:11 days

Current Speed > 1.0 knots Mean: 5.6 days Range: 0.0 - 11.2 days p50:5 days p75:3 days p90:1 days

Current Speed > 1.5 knots Mean: 0.5 days Range: 0.0 - 1.7 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.