

Madagascar MBES - May

Latitude: 14.97 S Longitude: 45.59 E

Weather Days

Wave Height > 5.0 ft Mean: 1.1 days Range: 0.1 - 2.1 days p50:2 days p75:1 days p90:0.5 days
Wave Height > 6.5 ft Mean: 0.0 days Range: 0.0 - 0.3 days p50:30 days p75:30 days p90:30 days
Wave Height > 8.0 ft Mean: 0.0 days Range: 0.0 - 0.0 days p50:30 days p75:30 days p90:30 days
Wind Speed > 15.0 knots Mean: 8.2 days Range: 5.7 - 10.7 days p50:9 days p75:7 days p90:5 days
Wind Speed > 20.0 knots Mean: 1.9 days Range: 0.5 - 3.3 days p50:2 days p75:1 days p90:0.5 days
Wind Speed > 25.0 knots Mean: 0.1 days Range: 0.0 - 0.2 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 2.5 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 1.9 times per month
Wave Height < 6.5 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 0.9 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 0.9 times per month

Waves

Mean Height: 2 - 4 ft
The wave heights will occasionally reach 4 - 6 ft, but rarely higher.
Mean Period: 4 - 6 sec
The wave periods will occasionally reach 6 - 8 sec, but rarely longer.
Principle Direction, from: E
WindSea/Swell: 44% / 56%

Winds

Mean Speed: 10 - 15 kts
The winds will occasionally reach 20 - 25 kts, but rarely greater.
Principle Direction, from: ESE

Currents

Mean Speed: 0.25-0.50 kts
The currents will occasionally reach 1.25-1.50 kts, but rarely greater.
Principle Direction, to: W

Weather Days

Current Speed > 0.5 knots Mean: 12.9 days Range: 5.6 - 20.2 days p50:12 days p75:6 days p90:5 days
Current Speed > 1.0 knots Mean: 2.9 days Range: 0.0 - 7.4 days p50:2 days p75:1 days p90:1 days
Current Speed > 1.5 knots Mean: 0.0 days Range: 0.0 - 0.0 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.