

Madagascar MBES - September

Latitude: 14.97 S Longitude: 45.59 E

Weather Days

Wave Height > 5.0 ft Mean: 1.2 days Range: 0.3 - 2.2 days p50:1.5 days p75:0.5 days p90:0.5 days
Wave Height > 6.5 ft Mean: 0.2 days Range: 0.0 - 0.5 days p50:30 days p75:1 days p90:0.5 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: 7.2 days Range: 5.2 - 9.2 days p50:7.5 days p75:6 days p90:4.5 days
Wind Speed > 20.0 knots Mean: 2.0 days Range: 0.9 - 3.2 days p50:2.5 days p75:1.5 days p90:1 days
Wind Speed > 25.0 knots Mean: 0.2 days Range: 0.0 - 0.5 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 2.4 times per month A 2 day or longer window will statistically occur 2.3 times per month A 3 day or longer window will statistically occur 1.8 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 1.1 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 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 6 - 8 ft, but rarely higher.
Mean Period: 4 - 6 sec
The wave periods will occasionally reach 18 - 20 sec, but rarely longer.
Principle Direction, from: E
WindSea/Swell: 35% / 65%

Winds

Mean Speed: 10 - 15 kts
The winds will occasionally reach 25 - 30 kts, but rarely greater.
Principle Direction, from: ESE

Currents

Mean Speed: 0.50-0.75 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: 15.7 days Range: 7.8 - 23.7 days p50:16 days p75:8 days p90:7 days
Current Speed > 1.0 knots Mean: 4.4 days Range: 0.0 - 9.3 days p50:3 days p75:2 days p90:1 days
Current Speed > 1.5 knots Mean: 0.2 days Range: 0.0 - 0.8 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.