

Liberia MBES - February

Latitude: 4.50 N Longitude: 9.00 W

Weather Days

Wave Height > 4.0 ft Mean: 0.7 days Range: 0.0 - 5.2 days p50:11.5 days p75:7 days p90:2.5 days
Wave Height > 5.0 ft Mean: 0.0 days Range: 0.0 - 1.5 days p50:5 days p75:1.5 days p90:1 days
Wave Height > 6.0 ft Mean: 0.0 days Range: 0.0 - 0.5 days p50:30 days p75:30 days p90:30 days

Wind Speed > 10.0 knots Mean: 2.8 days Range: 1.4 - 4.2 days p50:3 days p75:2 days p90:1.5 days
Wind Speed > 15.0 knots Mean: 0.1 days Range: 0.0 - 0.2 days p50:0.5 days p75:0.5 days p90:0.5 days
Wind Speed > 20.0 knots Mean: 0.0 days Range: 0.0 - 0.0 days p50:0.5 days p75:0.5 days p90:0.5 days

Working Window

Wave Height < 4.0 ft	A 1 day or longer window will statistically occur 2.7 times per month A 2 day or longer window will statistically occur 2.4 times per month A 3 day or longer window will statistically occur 2.0 times per month
Wave Height < 5.0 ft	A 1 day or longer window will statistically occur 1.0 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 < 6.0 ft	A 1 day or longer window will statistically occur 0.1 times per month A 2 day or longer window will statistically occur 0.1 times per month A 3 day or longer window will statistically occur 0.1 times per month

Waves

Mean Height: 2 - 4 ft
The wave heights will occasionally reach 6 - 8 ft, but rarely higher.
Mean Period: 12 - 14 sec
The wave periods will occasionally reach 22 - 24 sec, but rarely longer.
Principle Direction, from: SSW
WindSea/Swell: 0% / 100%

Winds

Mean Speed: 5 - 10 kts
The winds will occasionally reach 10 - 15 kts, but rarely greater.
Principle Direction, from: WSW

Currents

Mean Speed: 0.50-0.75 kts
The currents will occasionally reach 1.75-2.00 kts, but rarely greater.
Principle Direction, to: ESE

Weather Days

Current Speed > 0.5 knots Mean: 19.9 days Range: 14.7 - 25.1 days p50:22 days p75:16 days p90:13 days
Current Speed > 1.0 knots Mean: 8.8 days Range: 3.0 - 14.6 days p50:11 days p75:4 days p90:1 days
Current Speed > 1.5 knots Mean: 2.8 days Range: 0.0 - 7.4 days p50:2 days p75:1 days p90:1 days

Severe Storms

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