

Liberia MBES - May

Latitude: 4.50 N Longitude: 9.00 W

Weather Days

Wave Height > 4.0 ft Mean: 6.8 days Range: 5.5 - 8.1 days p50:29.5 days p75:28 days p90:27 days
Wave Height > 5.0 ft Mean: 1.8 days Range: 0.0 - 5.3 days p50:19 days p75:16.5 days p90:16 days
Wave Height > 6.0 ft Mean: 0.2 days Range: 0.0 - 3.9 days p50:7 days p75:4.5 days p90:3 days

Wind Speed > 10.0 knots Mean: 3.4 days Range: 1.6 - 5.1 days p50:3.5 days p75:2.5 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 0.4 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 0.0 times per month
Wave Height < 5.0 ft	A 1 day or longer window will statistically occur 2.9 times per month A 2 day or longer window will statistically occur 2.1 times per month A 3 day or longer window will statistically occur 1.2 times per month
Wave Height < 6.0 ft	A 1 day or longer window will statistically occur 3.1 times per month A 2 day or longer window will statistically occur 2.7 times per month A 3 day or longer window will statistically occur 2.4 times per month

Waves

Mean Height: 4 - 6 ft
The wave heights will occasionally reach 8 - 10 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: SSE

Currents

Mean Speed: 0.50-0.75 kts
The currents will occasionally reach 2.25-2.50 kts, but rarely greater.
Principle Direction, to: ESE

Weather Days
Current Speed > 0.5 knots Mean: 24.6 days Range: 20.5 - 28.7 days p50:26 days p75:22 days p90:19 days
Current Speed > 1.0 knots Mean: 10.6 days Range: 4.0 - 17.2 days p50:12 days p75:4 days p90:2 days
Current Speed > 1.5 knots Mean: 3.0 days Range: 0.0 - 6.2 days p50:4 days p75:1 days p90:1 days

Severe Storms

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