

# Liberia MBES - April

Latitude: 4.50 N Longitude: 9.00 W

## Weather Days

Wave Height > 4.0 ft Mean: 3.9 days Range: 0.7 - 7.2 days p50:25 days p75:22.5 days p90:21 days  
Wave Height > 5.0 ft Mean: 0.3 days Range: 0.0 - 5.0 days p50:11 days p75:7.5 days p90:6.5 days  
Wave Height > 6.0 ft Mean: 0.0 days Range: 0.0 - 2.0 days p50:4 days p75:2.5 days p90:1.5 days  
  
Wind Speed > 10.0 knots Mean: 1.8 days Range: 0.7 - 3.0 days p50:1.5 days p75:1 days p90:1 days  
Wind Speed > 15.0 knots Mean: 0.0 days Range: 0.0 - 0.1 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 1.5 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 0.4 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 2.2 times per month A 3 day or longer window will statistically occur 1.8 times per month
Wave Height < 6.0 ft	A 1 day or longer window will statistically occur 1.9 times per month A 2 day or longer window will statistically occur 1.7 times per month A 3 day or longer window will statistically occur 1.5 times per month

## Waves

Mean Height: 4 - 6 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: 23.5 days Range: 16.2 - 30.0 days p50:27 days p75:22 days p90:12 days  
Current Speed > 1.0 knots Mean: 13.0 days Range: 5.4 - 20.6 days p50:13 days p75:7 days p90:3 days  
Current Speed > 1.5 knots Mean: 3.0 days Range: 0.0 - 6.7 days p50:3 days p75:1 days p90:1 days

## Severe Storms

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