

# Aruba EBS - February

Latitude: 13.06 N Longitude: 69.89 W

## Weather Days

Wave Height > 6.6 ft Mean: 17.1 days Range: 11.7 - 22.5 days p50:17 days p75:12.5 days p90:11 days

Wave Height > 8.2 ft Mean: 6.2 days Range: 1.8 - 10.7 days p50:4.5 days p75:3.5 days p90:1 days

Wave Height > 10.0 ft Mean: 1.2 days Range: 0.0 - 3.3 days p50:10.5 days p75:1.5 days p90:1 days

Wind Speed > 20.0 knots Mean: 9.2 days Range: 4.6 - 13.7 days p50:8.5 days p75:6 days p90:4.5 days

Wind Speed > 21.0 knots Mean: 5.8 days Range: 2.1 - 9.5 days p50:5 days p75:3.5 days p90:2 days

Wind Speed > 25.0 knots Mean: 0.4 days Range: 0.0 - 0.9 days p50:0.5 days p75:0.5 days p90:0.5 days

## Working Window

Wave Height < 6.6 ft  
A 1 day or longer window will statistically occur 2.3 times per month  
A 2 day or longer window will statistically occur 1.8 times per month  
A 3 day or longer window will statistically occur 1.2 times per month

Wave Height < 8.2 ft  
A 1 day or longer window will statistically occur 2.6 times per month  
A 2 day or longer window will statistically occur 2.0 times per month  
A 3 day or longer window will statistically occur 1.7 times per month

Wave Height < 10.0 ft  
A 1 day or longer window will statistically occur 1.1 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 0.8 times per month

## Waves

Mean Height: 6 - 8 ft

The wave heights will occasionally reach 10 - 12 ft, but rarely higher.

Mean Period: 6 - 8 sec

The wave periods will occasionally reach 14 - 16 sec, but rarely longer.

Principle Direction, from: ENE

WindSea/Swell: 70% / 30%

## Winds

Mean Speed: 15 - 20 kts

The winds will occasionally reach 25 - 30 kts, but rarely greater.

Principle Direction, from: E

## Currents

Mean Speed: 1.25-1.50 kts

The currents will occasionally reach 2.25-2.50 kts, but rarely greater.

Principle Direction, to: WNW

## Weather Days

Current Speed > 1.0 knots Mean: 22.0 days Range: 14.7 - 29.3 days p50:27 days p75:18 days p90:11 days

Current Speed > 1.5 knots Mean: 7.9 days Range: 1.5 - 14.4 days p50:10 days p75:2 days p90:1 days

Current Speed > 2.0 knots Mean: 1.2 days Range: 0.0 - 3.5 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.