

# Aruba EBS - July

Latitude: 13.06 N Longitude: 69.89 W

## Weather Days

Wave Height > 6.6 ft Mean: 21.1 days Range: 16.6 - 25.5 days p50:21 days p75:18.5 days p90:16 days  
Wave Height > 8.2 ft Mean: 6.2 days Range: 2.2 - 10.1 days p50:6 days p75:3 days p90:1.5 days  
Wave Height > 10.0 ft Mean: 0.8 days Range: 0.0 - 1.8 days p50:2.5 days p75:1.5 days p90:1 days  
  
Wind Speed > 20.0 knots Mean: 17.3 days Range: 13.5 - 21.0 days p50:17.5 days p75:15 days p90:13 days  
Wind Speed > 21.0 knots Mean: 13.3 days Range: 9.7 - 16.9 days p50:13 days p75:11 days p90:10 days  
Wind Speed > 25.0 knots Mean: 1.6 days Range: 0.3 - 2.9 days p50:1.5 days p75:1 days p90:0.5 days

## Working Window

Wave Height < 6.6 ft	A 1 day or longer window will statistically occur 3.3 times per month A 2 day or longer window will statistically occur 1.6 times per month A 3 day or longer window will statistically occur 0.7 times per month
Wave Height < 8.2 ft	A 1 day or longer window will statistically occur 3.9 times per month A 2 day or longer window will statistically occur 3.0 times per month A 3 day or longer window will statistically occur 2.1 times per month
Wave Height < 10.0 ft	A 1 day or longer window will statistically occur 1.6 times per month A 2 day or longer window will statistically occur 1.5 times per month A 3 day or longer window will statistically occur 1.5 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 8 - 10 sec, but rarely longer.  
Principle Direction, from: E  
WindSea/Swell: 91% / 9%

## Winds

Mean Speed: 20 - 25 kts  
The winds will occasionally reach 25 - 30 kts, but rarely greater.  
Principle Direction, from: E

## Currents

Mean Speed: 1.00-1.25 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: 20.2 days Range: 11.4 - 29.1 days p50:24 days p75:16 days p90:6 days  
Current Speed > 1.5 knots Mean: 11.3 days Range: 3.8 - 18.8 days p50:14 days p75:4 days p90:1 days  
Current Speed > 2.0 knots Mean: 3.1 days Range: 0.0 - 6.5 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.