

## Aruba EBS - October

Latitude: 13.06 N Longitude: 69.89 W

### Weather Days

Wave Height > 6.6 ft Mean: 4.9 days Range: 1.1 - 8.7 days p50:6 days p75:3.5 days p90:1 days  
Wave Height > 8.2 ft Mean: 0.6 days Range: 0.0 - 1.7 days p50:30 days p75:1 days p90:0.5 days  
Wave Height > 10.0 ft Mean: 0.0 days Range: 0.0 - 0.2 days p50:30 days p75:30 days p90:30 days  
  
Wind Speed > 20.0 knots Mean: 3.4 days Range: 0.6 - 6.2 days p50:3.5 days p75:1 days p90:0.5 days  
Wind Speed > 21.0 knots Mean: 2.0 days Range: 0.0 - 3.9 days p50:1.5 days p75:0.5 days p90:0.5 days  
Wind Speed > 25.0 knots Mean: 0.0 days Range: 0.0 - 0.1 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 2.8 times per month A 2 day or longer window will statistically occur 2.3 times per month A 3 day or longer window will statistically occur 1.7 times per month
Wave Height < 8.2 ft	A 1 day or longer window will statistically occur 1.5 times per month A 2 day or longer window will statistically occur 1.4 times per month A 3 day or longer window will statistically occur 1.3 times per month
Wave Height < 10.0 ft	A 1 day or longer window will statistically occur 0.9 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

### Waves

Mean Height: 4 - 6 ft  
The wave heights will occasionally reach 8 - 10 ft, but rarely higher.  
Mean Period: 6 - 8 sec  
The wave periods will occasionally reach 12 - 14 sec, but rarely longer.  
Principle Direction, from: E  
WindSea/Swell: 62% / 38%

### Winds

Mean Speed: 15 - 20 kts  
The winds will occasionally reach 20 - 25 kts, but rarely greater.  
Principle Direction, from: E

### Currents

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

#### Weather Days

Current Speed > 1.0 knots Mean: 9.1 days Range: 1.7 - 16.5 days p50:8 days p75:5 days p90:3 days  
Current Speed > 1.5 knots Mean: 2.6 days Range: 0.0 - 6.9 days p50:2 days p75:1 days p90:1 days  
Current Speed > 2.0 knots Mean: 0.1 days Range: 0.0 - 0.4 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.