

## Aruba EBS - August

Latitude: 13.06 N Longitude: 69.89 W

### Weather Days

Wave Height > 6.6 ft Mean: 16.3 days Range: 10.1 - 22.6 days p50:17.5 days p75:12.5 days p90:7 days

Wave Height > 8.2 ft Mean: 3.2 days Range: 1.0 - 5.4 days p50:3.5 days p75:1 days p90:1 days

Wave Height > 10.0 ft Mean: 0.4 days Range: 0.0 - 0.9 days p50:30 days p75:1 days p90:0.5 days

Wind Speed > 20.0 knots Mean: 13.8 days Range: 8.4 - 19.3 days p50:15.5 days p75:10 days p90:6 days

Wind Speed > 21.0 knots Mean: 10.1 days Range: 5.3 - 14.8 days p50:10.5 days p75:7 days p90:4 days

Wind Speed > 25.0 knots Mean: 1.2 days Range: 0.0 - 2.3 days p50:1.5 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 3.7 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 < 8.2 ft A 1 day or longer window will statistically occur 3.5 times per month

A 2 day or longer window will statistically occur 3.1 times per month

A 3 day or longer window will statistically occur 2.3 times per month

Wave Height < 10.0 ft A 1 day or longer window will statistically occur 1.4 times per month

A 2 day or longer window will statistically occur 1.3 times per month

A 3 day or longer window will statistically occur 1.3 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 10 - 12 sec, but rarely longer.

Principle Direction, from: E

WindSea/Swell: 87% / 13%

### Winds

Mean Speed: 15 - 20 kts

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

Principle Direction, from: E

### Currents

Mean Speed: 1.00-1.25 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: 15.9 days Range: 6.5 - 25.2 days p50:16 days p75:8 days p90:5 days

Current Speed > 1.5 knots Mean: 8.0 days Range: 0.5 - 15.5 days p50:7 days p75:2 days p90:1 days

Current Speed > 2.0 knots Mean: 2.5 days Range: 0.0 - 5.8 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.