

Aruba EBS - June

Latitude: 13.06 N Longitude: 69.89 W

Weather Days

Wave Height > 6.6 ft Mean: 21.4 days Range: 16.6 - 26.1 days p50:21.5 days p75:19 days p90:16.5 days

Wave Height > 8.2 ft Mean: 7.7 days Range: 3.2 - 12.1 days p50:8 days p75:4 days p90:3 days

Wave Height > 10.0 ft Mean: 1.1 days Range: 0.0 - 2.3 days p50:1.5 days p75:1 days p90:0.5 days

Wind Speed > 20.0 knots Mean: 18.0 days Range: 13.0 - 23.0 days p50:18 days p75:15.5 days p90:13 days

Wind Speed > 21.0 knots Mean: 13.9 days Range: 8.6 - 19.2 days p50:14 days p75:10.5 days p90:7 days

Wind Speed > 25.0 knots Mean: 2.2 days Range: 0.0 - 4.6 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 2.5 times per month

A 2 day or longer window will statistically occur 1.1 times per month

A 3 day or longer window will statistically occur 0.8 times per month

Wave Height < 8.2 ft A 1 day or longer window will statistically occur 3.4 times per month

A 2 day or longer window will statistically occur 2.6 times per month

A 3 day or longer window will statistically occur 2.0 times per month

Wave Height < 10.0 ft A 1 day or longer window will statistically occur 2.0 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 1.6 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: 94% / 6%

Winds

Mean Speed: 20 - 25 kts

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

Principle Direction, from: E

Currents

Mean Speed: 0.75-1.00 kts

The currents will occasionally reach 2.00-2.25 kts, but rarely greater.

Principle Direction, to: WNW

Weather Days

Current Speed > 1.0 knots Mean: 13.3 days Range: 5.6 - 21.1 days p50:13 days p75:8 days p90:4 days

Current Speed > 1.5 knots Mean: 3.5 days Range: 0.0 - 8.0 days p50:2 days p75:1 days p90:1 days

Current Speed > 2.0 knots Mean: 1.0 days Range: 0.0 - 2.9 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.