

Aruba EBS - September

Latitude: 13.06 N Longitude: 69.89 W

Weather Days

Wave Height > 6.6 ft Mean: 8.9 days Range: 3.8 - 13.9 days p50:7.5 days p75:6 days p90:4 days
Wave Height > 8.2 ft Mean: 1.3 days Range: 0.0 - 2.9 days p50:3 days p75:1.5 days p90:0.5 days
Wave Height > 10.0 ft Mean: 0.2 days Range: 0.0 - 0.5 days p50:30 days p75:1 days p90:0.5 days

Wind Speed > 20.0 knots Mean: 7.4 days Range: 3.1 - 11.8 days p50:6 days p75:5 days p90:4 days
Wind Speed > 21.0 knots Mean: 4.6 days Range: 1.2 - 8.0 days p50:4 days p75:2.5 days p90:1.5 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 3.5 times per month |
| | A 2 day or longer window will statistically occur 2.7 times per month |
| | A 3 day or longer window will statistically occur 2.0 times per month |
| Wave Height < 8.2 ft | A 1 day or longer window will statistically occur 1.8 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 |
| 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 1.1 times per month |
| | A 3 day or longer window will statistically occur 1.1 times per month |

Waves

Mean Height: 4 - 6 ft
The wave heights will occasionally reach 10 - 12 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: 78% / 22%

Winds

Mean Speed: 15 - 20 kts
The winds will occasionally reach 25 - 30 kts, but rarely greater.
Principle Direction, from: E

Currents

Mean Speed: 0.50-0.75 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: 10.8 days Range: 3.2 - 18.3 days p50:10 days p75:7 days p90:2 days
Current Speed > 1.5 knots Mean: 3.3 days Range: 0.0 - 8.2 days p50:2 days p75:1 days p90:1 days
Current Speed > 2.0 knots Mean: 0.3 days Range: 0.0 - 1.2 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.