

Aruba EBS - April

Latitude: 13.06 N Longitude: 69.89 W

Weather Days

Wave Height > 6.6 ft Mean: 10.1 days Range: 5.1 - 15.1 days p50:10 days p75:6 days p90:4 days
Wave Height > 8.2 ft Mean: 2.1 days Range: 0.1 - 4.1 days p50:3 days p75:1.5 days p90:1 days
Wave Height > 10.0 ft Mean: 0.2 days Range: 0.0 - 0.6 days p50:30 days p75:30 days p90:1.5 days
Wind Speed > 20.0 knots Mean: 5.5 days Range: 2.3 - 8.8 days p50:6 days p75:3 days p90:2 days
Wind Speed > 21.0 knots Mean: 3.0 days Range: 0.6 - 5.3 days p50:3 days p75:1.5 days p90:0.5 days
Wind Speed > 25.0 knots Mean: 0.1 days Range: 0.0 - 0.4 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 2.7 times per month
	A 2 day or longer window will statistically occur 2.2 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 1.9 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 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 10 - 12 sec, but rarely longer.
Principle Direction, from: E
WindSea/Swell: 74% / 26%

Winds

Mean Speed: 15 - 20 kts
The winds will occasionally reach 20 - 25 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: 14.4 days Range: 7.3 - 21.5 days p50:16 days p75:12 days p90:3 days
Current Speed > 1.5 knots Mean: 3.4 days Range: 0.0 - 8.4 days p50:2 days p75:1 days p90:1 days
Current Speed > 2.0 knots Mean: 0.8 days Range: 0.0 - 2.5 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.