

Aruba EBS - December

Latitude: 13.06 N Longitude: 69.89 W

Weather Days

Wave Height > 6.6 ft Mean: 13.2 days Range: 7.8 - 18.5 days p50:12.5 days p75:10 days p90:6 days
Wave Height > 8.2 ft Mean: 3.9 days Range: 0.9 - 6.9 days p50:4 days p75:2 days p90:0.5 days
Wave Height > 10.0 ft Mean: 0.9 days Range: 0.0 - 2.1 days p50:3.5 days p75:1.5 days p90:0.5 days

Wind Speed > 20.0 knots Mean: 5.7 days Range: 1.2 - 10.2 days p50:5.5 days p75:2.5 days p90:2 days
Wind Speed > 21.0 knots Mean: 3.6 days Range: 0.0 - 7.4 days p50:2.5 days p75:1.5 days p90:1 days
Wind Speed > 25.0 knots Mean: 0.2 days Range: 0.0 - 0.8 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 3.1 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 1.8 times per month
Wave Height < 8.2 ft	A 1 day or longer window will statistically occur 2.3 times per month A 2 day or longer window will statistically occur 2.0 times per month A 3 day or longer window will statistically occur 1.8 times per month
Wave Height < 10.0 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

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 12 - 14 sec, but rarely longer.
Principle Direction, from: ENE
WindSea/Swell: 63% / 37%

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 2.00-2.25 kts, but rarely greater.
Principle Direction, to: WNW

Weather Days

Current Speed > 1.0 knots Mean: 17.2 days Range: 8.0 - 26.3 days p50:20 days p75:10 days p90:4 days
Current Speed > 1.5 knots Mean: 6.7 days Range: 0.0 - 13.4 days p50:7 days p75:1 days p90:1 days
Current Speed > 2.0 knots Mean: 0.6 days Range: 0.0 - 2.1 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.