

Total Guyana Near-Shore Survey - December

Latitude: 7.59 N Longitude: 58.11 W

Weather Days

Wave Height > 4.0 ft Mean: 19.4 days Range: 8.9 - 30.0 days p50:28.5 days p75:7 days p90:5 days
Wave Height > 5.0 ft Mean: 12.0 days Range: 2.2 - 21.7 days p50:21.5 days p75:18 days p90:6.5 days
Wave Height > 6.0 ft Mean: 4.9 days Range: 0.0 - 10.9 days p50:12 days p75:7.5 days p90:5 days

Wind Speed > 15.0 knots Mean: 6.1 days Range: 3.0 - 9.3 days p50:6.5 days p75:4 days p90:2.5 days
Wind Speed > 20.0 knots Mean: 0.1 days Range: 0.0 - 0.2 days p50:0.5 days p75:0.5 days p90:0.5 days
Wind Speed > 25.0 knots Mean: 0.0 days Range: 0.0 - 0.0 days p50:0.5 days p75:0.5 days p90:0.5 days

Working Window

Wave Height < 4.0 ft	A 1 day or longer window will statistically occur 1.2 times per month A 2 day or longer window will statistically occur 0.8 times per month A 3 day or longer window will statistically occur 0.6 times per month
Wave Height < 5.0 ft	A 1 day or longer window will statistically occur 2.6 times per month A 2 day or longer window will statistically occur 1.5 times per month A 3 day or longer window will statistically occur 1.1 times per month
Wave Height < 6.0 ft	A 1 day or longer window will statistically occur 2.8 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 1.9 times per month

Waves

Mean Height: 4 - 6 ft
The wave heights will occasionally reach 8 - 10 ft, but rarely higher.
Mean Period: 8 - 10 sec
The wave periods will occasionally reach 18 - 20 sec, but rarely longer.
Principle Direction, from: NE
WindSea/Swell: 64% / 36%

Winds

Mean Speed: 10 - 15 kts
The winds will occasionally reach 15 - 20 kts, but rarely greater.
Principle Direction, from: ENE

Currents

Mean Speed: 0.25-0.50 kts
The currents will occasionally reach 0.75-1.00 kts, but rarely greater.
Principle Direction, to: NW

Weather Days

Current Speed > 0.5 knots Mean: 7.4 days Range: 2.5 - 12.3 days p50:9 days p75:5 days p90:1 days
Current Speed > 1.0 knots Mean: 0.0 days Range: 0.0 - 0.0 days p50:1 days p75:1 days p90:1 days
Current Speed > 1.5 knots Mean: 0.0 days Range: 0.0 - 0.0 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.