

Total Guyana Near-Shore Survey - May

Latitude: 7.59 N Longitude: 58.11 W

Weather Days

Wave Height > 4.0 ft Mean: 20.4 days Range: 8.2 - 30.0 days p50:29 days p75:26.5 days p90:6 days

Wave Height > 5.0 ft Mean: 11.9 days Range: 2.9 - 20.8 days p50:20.5 days p75:15 days p90:7.5 days

Wave Height > 6.0 ft Mean: 3.9 days Range: 0.0 - 8.0 days p50:8.5 days p75:4 days p90:0.5 days

Wind Speed > 15.0 knots Mean: 6.6 days Range: 3.3 - 9.8 days p50:6.5 days p75:4 days p90:3 days

Wind Speed > 20.0 knots Mean: 0.2 days Range: 0.0 - 0.4 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 1.1 times per month
A 2 day or longer window will statistically occur 0.7 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 2.0 times per month
A 3 day or longer window will statistically occur 1.3 times per month

Wave Height < 6.0 ft
A 1 day or longer window will statistically occur 2.7 times per month
A 2 day or longer window will statistically occur 2.1 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 6 - 8 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: 79% / 21%

Winds

Mean Speed: 10 - 15 kts

The winds will occasionally reach 20 - 25 kts, but rarely greater.

Principle Direction, from: E

Currents

Mean Speed: 0.50-0.75 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: 22.5 days Range: 18.3 - 26.8 days p50:24 days p75:20 days p90:17 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.