

Total Guyana Near-Shore Survey - September

Latitude: 7.59 N Longitude: 58.11 W

Weather Days

Wave Height > 4.0 ft Mean: 10.2 days Range: 2.4 - 18.1 days p50:16 days p75:13.5 days p90:9 days

Wave Height > 5.0 ft Mean: 3.1 days Range: 0.0 - 6.4 days p50:5 days p75:2.5 days p90:2 days

Wave Height > 6.0 ft Mean: 0.5 days Range: 0.0 - 1.3 days p50:30 days p75:1.5 days p90:0.5 days

Wind Speed > 15.0 knots Mean: 5.1 days Range: 2.8 - 7.4 days p50:4.5 days p75:4 days p90:3 days

Wind Speed > 20.0 knots Mean: 0.1 days Range: 0.0 - 0.3 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 3.6 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 1.7 times per month

Wave Height < 5.0 ft
A 1 day or longer window will statistically occur 3.4 times per month
A 2 day or longer window will statistically occur 2.9 times per month
A 3 day or longer window will statistically occur 2.4 times per month

Wave Height < 6.0 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

Waves

Mean Height: 2 - 4 ft

The wave heights will occasionally reach 6 - 8 ft, but rarely higher.

Mean Period: 6 - 8 sec

The wave periods will occasionally reach 14 - 16 sec, but rarely longer.

Principle Direction, from: NE

WindSea/Swell: 55% / 45%

Winds

Mean Speed: 10 - 15 kts

The winds will occasionally reach 15 - 20 kts, but rarely greater.

Principle Direction, from: E

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: 12.2 days Range: 7.1 - 17.3 days p50:12 days p75:8 days p90:7 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.