

## Total Guyana Near-Shore Survey - July

Latitude: 7.59 N Longitude: 58.11 W

### Weather Days

Wave Height > 4.0 ft Mean: 10.4 days Range: 2.7 - 18.1 days p50:15.5 days p75:10.5 days p90:6.5 days

Wave Height > 5.0 ft Mean: 2.3 days Range: 0.0 - 4.7 days p50:4.5 days p75:2 days p90:1 days

Wave Height > 6.0 ft Mean: 0.3 days Range: 0.0 - 0.9 days p50:30 days p75:2.5 days p90:0.5 days

Wind Speed > 15.0 knots Mean: 2.2 days Range: 0.7 - 3.6 days p50:2 days p75:1.5 days p90:1 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 3.7 times per month  
A 2 day or longer window will statistically occur 2.4 times per month  
A 3 day or longer window will statistically occur 1.6 times per month

Wave Height < 5.0 ft  
A 1 day or longer window will statistically occur 2.7 times per month  
A 2 day or longer window will statistically occur 2.2 times per month  
A 3 day or longer window will statistically occur 2.0 times per month

Wave Height < 6.0 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 1.4 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 10 - 12 sec, but rarely longer.

Principle Direction, from: NE

WindSea/Swell: 37% / 63%

### Winds

Mean Speed: 10 - 15 kts

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

Principle Direction, from: E

### Currents

Mean Speed: 0.50-0.75 kts

The currents will occasionally reach 0.75-1.00 kts, but rarely greater.

Principle Direction, to: NNW

Weather Days

Current Speed > 0.5 knots Mean: 16.5 days Range: 10.2 - 22.8 days p50:17 days p75:12 days p90:10 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.