

## Total Guyana Near-Shore Survey - April

Latitude: 7.59 N Longitude: 58.11 W

### Weather Days

Wave Height > 4.0 ft Mean: 20.5 days Range: 8.8 - 30.0 days p50:29.5 days p75:24 days p90:2.5 days  
Wave Height > 5.0 ft Mean: 13.9 days Range: 3.6 - 24.1 days p50:23.5 days p75:19.5 days p90:15 days  
Wave Height > 6.0 ft Mean: 4.8 days Range: 0.0 - 10.5 days p50:9 days p75:4 days p90:3.5 days  
  
Wind Speed > 15.0 knots Mean: 6.9 days Range: 3.1 - 10.6 days p50:6.5 days p75:4 days p90:3.5 days  
Wind Speed > 20.0 knots Mean: 0.1 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 0.9 times per month A 2 day or longer window will statistically occur 0.6 times per month A 3 day or longer window will statistically occur 0.5 times per month
Wave Height < 5.0 ft	A 1 day or longer window will statistically occur 2.1 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 1.0 times per month
Wave Height < 6.0 ft	A 1 day or longer window will statistically occur 3.0 times per month A 2 day or longer window will statistically occur 2.5 times per month A 3 day or longer window will statistically occur 2.1 times per month

### Waves

Mean Height: 4 - 6 ft  
The wave heights will occasionally reach 8 - 10 ft, but rarely higher.  
Mean Period: 6 - 8 sec  
The wave periods will occasionally reach 14 - 16 sec, but rarely longer.  
Principle Direction, from: ENE  
WindSea/Swell: 79% / 21%

### Winds

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

### Currents

Mean Speed: 0.50-0.75 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: 18.3 days Range: 13.0 - 23.7 days p50:21 days p75:13 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.