

## GeoPartners Suriname Multibeam Survey - October

Latitude: 8.00 N Longitude: 54.50 W

### Weather Days

Wave Height > 6.0 ft Mean: 3.7 days Range: 0.3 - 7.2 days p50:6.5 days p75:4 days p90:2.5 days

Wave Height > 7.0 ft Mean: 1.0 days Range: 0.0 - 2.6 days p50:2 days p75:1 days p90:1 days

Wave Height > 8.0 ft Mean: 0.3 days Range: 0.0 - 0.9 days p50:30 days p75:1 days p90:0.5 days

Wind Speed > 10.0 knots Mean: 23.7 days Range: 20.3 - 27.1 days p50:24.5 days p75:22 days p90:18.5 days

Wind Speed > 15.0 knots Mean: 4.4 days Range: 2.2 - 6.5 days p50:4.5 days p75:3 days p90:2 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

### Working Window

Wave Height < 6.0 ft  
A 1 day or longer window will statistically occur 3.5 times per month  
A 2 day or longer window will statistically occur 3.0 times per month  
A 3 day or longer window will statistically occur 2.5 times per month

Wave Height < 7.0 ft  
A 1 day or longer window will statistically occur 2.1 times per month  
A 2 day or longer window will statistically occur 2.0 times per month  
A 3 day or longer window will statistically occur 1.9 times per month

Wave Height < 8.0 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 1.3 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: ENE

WindSea/Swell: 3% / 97%

### 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 1.75-2.00 kts, but rarely greater.

Principle Direction, to: W

Weather Days

Current Speed > 1.0 knots Mean: 9.4 days Range: 1.4 - 17.4 days p50:10 days p75:4 days p90:2 days

Current Speed > 1.5 knots Mean: 3.6 days Range: 0.0 - 9.6 days p50:2 days p75:1 days p90:1 days

Current Speed > 2.0 knots Mean: 1.2 days Range: 0.0 - 3.7 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.