

GeoPartners Suriname Multibeam Survey - November

Latitude: 8.00 N Longitude: 54.50 W

Weather Days

Wave Height > 6.0 ft Mean: 10.0 days Range: 5.8 - 14.3 days p50:15.5 days p75:12.5 days p90:12 days

Wave Height > 7.0 ft Mean: 3.6 days Range: 0.5 - 6.7 days p50:7 days p75:4.5 days p90:3.5 days

Wave Height > 8.0 ft Mean: 1.0 days Range: 0.0 - 3.4 days p50:2.5 days p75:1 days p90:0.5 days

Wind Speed > 10.0 knots Mean: 25.7 days Range: 22.6 - 28.8 days p50:27 days p75:25 days p90:21 days

Wind Speed > 15.0 knots Mean: 6.0 days Range: 3.3 - 8.6 days p50:6 days p75:4.5 days p90:3 days

Wind Speed > 20.0 knots Mean: 0.2 days Range: 0.0 - 0.5 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 3.8 times per month
A 2 day or longer window will statistically occur 2.6 times per month
A 3 day or longer window will statistically occur 1.9 times per month

Wave Height < 7.0 ft
A 1 day or longer window will statistically occur 3.5 times per month
A 2 day or longer window will statistically occur 2.9 times per month
A 3 day or longer window will statistically occur 2.4 times per month

Wave Height < 8.0 ft
A 1 day or longer window will statistically occur 2.3 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

Waves

Mean Height: 6 - 8 ft

The wave heights will occasionally reach 10 - 12 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: 2% / 98%

Winds

Mean Speed: 10 - 15 kts

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

Principle Direction, from: E

Currents

Mean Speed: 0.75-1.00 kts

The currents will occasionally reach 2.25-2.50 kts, but rarely greater.

Principle Direction, to: NW

Weather Days

Current Speed > 1.0 knots Mean: 13.1 days Range: 2.5 - 23.6 days p50:18 days p75:4 days p90:1 days

Current Speed > 1.5 knots Mean: 6.7 days Range: 0.0 - 14.2 days p50:6 days p75:1 days p90:1 days

Current Speed > 2.0 knots Mean: 2.8 days Range: 0.0 - 7.1 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.