

GeoPartners Suriname Multibeam Survey - August

Latitude: 8.00 N Longitude: 54.50 W

Weather Days

Wave Height > 6.0 ft Mean: 1.5 days Range: 0.0 - 3.2 days p50:3 days p75:1 days p90:0.5 days

Wave Height > 7.0 ft Mean: 0.1 days Range: 0.0 - 0.4 days p50:30 days p75:30 days p90:0.5 days

Wave Height > 8.0 ft Mean: 0.0 days Range: 0.0 - 0.0 days p50:30 days p75:30 days p90:30 days

Wind Speed > 10.0 knots Mean: 15.1 days Range: 11.7 - 18.4 days p50:14.5 days p75:13 days p90:11 days

Wind Speed > 15.0 knots Mean: 1.4 days Range: 0.7 - 2.2 days p50:1.5 days p75:1 days p90:0.5 days

Wind Speed > 20.0 knots Mean: 0.0 days Range: 0.0 - 0.1 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 2.7 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 2.1 times per month

Wave Height < 7.0 ft
A 1 day or longer window will statistically occur 1.4 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

Wave Height < 8.0 ft
A 1 day or longer window will statistically occur 1.0 times per month
A 2 day or longer window will statistically occur 1.0 times per month
A 3 day or longer window will statistically occur 1.0 times per month

Waves

Mean Height: 4 - 6 ft

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

Mean Period: 8 - 10 sec

The wave periods will occasionally reach 10 - 12 sec, but rarely longer.

Principle Direction, from: ENE

WindSea/Swell: 1% / 99%

Winds

Mean Speed: 10 - 15 kts

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

Principle Direction, from: E

Currents

Mean Speed: 0.75-1.00 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: 13.6 days Range: 3.8 - 23.4 days p50:18 days p75:2 days p90:1 days

Current Speed > 1.5 knots Mean: 7.8 days Range: 0.0 - 15.6 days p50:8 days p75:1 days p90:1 days

Current Speed > 2.0 knots Mean: 2.9 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.