

GeoPartners Suriname Multibeam Survey - December

Latitude: 8.00 N Longitude: 54.50 W

Weather Days

Wave Height > 6.0 ft Mean: 19.9 days Range: 15.5 - 24.2 days p50:25 days p75:23.5 days p90:19 days

Wave Height > 7.0 ft Mean: 12.0 days Range: 6.5 - 17.5 days p50:17 days p75:13.5 days p90:12 days

Wave Height > 8.0 ft Mean: 5.8 days Range: 0.9 - 10.7 days p50:8.5 days p75:6.5 days p90:5 days

Wind Speed > 10.0 knots Mean: 27.6 days Range: 25.5 - 29.7 days p50:28.5 days p75:26.5 days p90:24.5 days

Wind Speed > 15.0 knots Mean: 12.4 days Range: 7.2 - 17.5 days p50:12 days p75:8.5 days p90:7 days

Wind Speed > 20.0 knots Mean: 0.6 days Range: 0.0 - 1.2 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 1.5 times per month
A 2 day or longer window will statistically occur 1.1 times per month
A 3 day or longer window will statistically occur 0.7 times per month

Wave Height < 7.0 ft
A 1 day or longer window will statistically occur 3.1 times per month
A 2 day or longer window will statistically occur 2.1 times per month
A 3 day or longer window will statistically occur 1.5 times per month

Wave Height < 8.0 ft
A 1 day or longer window will statistically occur 3.4 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 2.3 times per month

Waves

Mean Height: 6 - 8 ft

The wave heights will occasionally reach 12 - 14 ft, but rarely higher.

Mean Period: 8 - 10 sec

The wave periods will occasionally reach 14 - 16 sec, but rarely longer.

Principle Direction, from: ENE

WindSea/Swell: 5% / 95%

Winds

Mean Speed: 10 - 15 kts

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

Principle Direction, from: ENE

Currents

Mean Speed: 0.75-1.00 kts

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

Principle Direction, to: WNW

Weather Days

Current Speed > 1.0 knots Mean: 13.3 days Range: 5.4 - 21.2 days p50:12 days p75:11 days p90:3 days

Current Speed > 1.5 knots Mean: 3.9 days Range: 0.0 - 9.3 days p50:2 days p75:1 days p90:1 days

Current Speed > 2.0 knots Mean: 1.1 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.