

Staatsolie Suriname MBES-SGE Seep Program - April

Latitude: 8.45 N Longitude: 53.44 W

Weather Days

Wave Height > 6.0 ft Mean: 23.1 days Range: 19.8 - 26.5 days p50:27 days p75:25 days p90:21.5 days

Wave Height > 7.0 ft Mean: 14.9 days Range: 9.9 - 19.9 days p50:18 days p75:15 days p90:11.5 days

Wave Height > 8.0 ft Mean: 6.9 days Range: 2.1 - 11.6 days p50:7.5 days p75:4.5 days p90:4 days

Wind Speed > 10.0 knots Mean: 29.4 days Range: 28.4 - 30.0 days p50:30 days p75:29.5 days p90:28.5 days

Wind Speed > 15.0 knots Mean: 19.9 days Range: 15.5 - 24.2 days p50:21 days p75:17.5 days p90:14.5 days

Wind Speed > 20.0 knots Mean: 1.3 days Range: 0.0 - 2.8 days p50:1 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 1.3 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 0.3 times per month

Wave Height < 7.0 ft
A 1 day or longer window will statistically occur 3.0 times per month
A 2 day or longer window will statistically occur 2.0 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 3.8 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 10 - 12 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: 15% / 85%

Winds

Mean Speed: 15 - 20 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: NNW

Weather Days

Current Speed > 1.0 knots Mean: 8.6 days Range: 2.6 - 14.6 days p50:10 days p75:4 days p90:2 days

Current Speed > 1.5 knots Mean: 3.0 days Range: 0.0 - 6.7 days p50:4 days p75:1 days p90:1 days

Current Speed > 2.0 knots Mean: 0.6 days Range: 0.0 - 1.9 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.