

Staatsolie Suriname MBES-SGE Seep Program - May

Latitude: 8.45 N Longitude: 53.44 W

Weather Days

Wave Height > 6.0 ft Mean: 22.8 days Range: 17.4 - 28.2 days p50:25.5 days p75:19.5 days p90:14.5 days

Wave Height > 7.0 ft Mean: 13.1 days Range: 6.8 - 19.3 days p50:15 days p75:8.5 days p90:4.5 days

Wave Height > 8.0 ft Mean: 6.1 days Range: 1.8 - 10.4 days p50:8 days p75:3.5 days p90:1.5 days

Wind Speed > 10.0 knots Mean: 29.2 days Range: 27.9 - 30.0 days p50:30 days p75:29 days p90:28 days

Wind Speed > 15.0 knots Mean: 18.2 days Range: 13.2 - 23.1 days p50:19.5 days p75:15.5 days p90:10.5 days

Wind Speed > 20.0 knots Mean: 1.1 days Range: 0.1 - 2.0 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 1.8 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 0.8 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 2.4 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 3.5 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 2.2 times per month

Waves

Mean Height: 6 - 8 ft

The wave heights will occasionally reach 10 - 12 ft, but rarely higher.

Mean Period: 6 - 8 sec

The wave periods will occasionally reach 12 - 14 sec, but rarely longer.

Principle Direction, from: ENE

WindSea/Swell: 18% / 82%

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: 14.9 days Range: 9.2 - 20.7 days p50:15 days p75:11 days p90:8 days

Current Speed > 1.5 knots Mean: 6.2 days Range: 1.9 - 10.6 days p50:8 days p75:3 days p90:2 days

Current Speed > 2.0 knots Mean: 2.3 days Range: 0.0 - 5.1 days p50:3 days p75:1 days p90:1 days

Severe Storms

Severe storms with gale force winds and extreme waves are not expected during this month.