

## Staatsolie Suriname MBES-SGE Seep Program - August

Latitude: 8.45 N Longitude: 53.44 W

### Weather Days

Wave Height > 6.0 ft Mean: 2.3 days Range: 0.0 - 4.7 days p50:3 days p75:1.5 days p90:1 days

Wave Height > 7.0 ft Mean: 0.3 days Range: 0.0 - 0.8 days p50:30 days p75:1 days p90:0.5 days

Wave Height > 8.0 ft Mean: 0.0 days Range: 0.0 - 0.2 days p50:30 days p75:30 days p90:30 days

Wind Speed > 10.0 knots Mean: 12.9 days Range: 9.6 - 16.3 days p50:13 days p75:11 days p90:8.5 days

Wind Speed > 15.0 knots Mean: 1.1 days Range: 0.3 - 2.0 days p50:1.5 days p75:0.5 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 3.0 times per month  
A 2 day or longer window will statistically occur 2.7 times per month  
A 3 day or longer window will statistically occur 2.2 times per month

Wave Height < 7.0 ft  
A 1 day or longer window will statistically occur 1.5 times per month  
A 2 day or longer window will statistically occur 1.5 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 1.1 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 1.1 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: E

WindSea/Swell: 1% / 99%

### Winds

Mean Speed: 5 - 10 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: N

Weather Days

Current Speed > 1.0 knots Mean: 12.7 days Range: 4.5 - 21.0 days p50:14 days p75:5 days p90:1 days

Current Speed > 1.5 knots Mean: 6.3 days Range: 0.0 - 12.7 days p50:5 days p75:1 days p90:1 days

Current Speed > 2.0 knots Mean: 3.4 days Range: 0.0 - 8.2 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.