

OCS-A 0538 - August

Latitude: 39.71 N Longitude: 73.16 W

Weather Days

Wave Height > 3.0 ft Mean: 17.5 days Range: 13.7 - 21.4 days p10:23 days p50:18 days p90:13.5 days

Wave Height > 4.0 ft Mean: 9.3 days Range: 6.1 - 12.4 days p10:13.5 days p50:9.5 days p90:6.5 days

Wave Height > 5.0 ft Mean: 4.9 days Range: 2.3 - 7.4 days p10:7.5 days p50:5.5 days p90:1.5 days

Wind Speed > 20.0 knots Mean: 2.0 days Range: 0.7 - 3.3 days p10:4 days p50:2 days p90:0.5 days

Wind Speed > 25.0 knots Mean: 0.4 days Range: 0.0 - 1.0 days p10:1.5 days p50:0.5 days p90:0.5 days

Wind Speed > 30.0 knots Mean: 0.1 days Range: 0.0 - 0.3 days p10:0.5 days p50:0.5 days p90:0.5 days

Working Window Probability

Wave Height < 3.0 ft
3 days or longer: 23%
5 days or longer: 2%
7 days or longer: 1%

Wave Height < 4.0 ft
3 days or longer: 46%
5 days or longer: 16%
7 days or longer: 7%

Wave Height < 5.0 ft
3 days or longer: 62%
5 days or longer: 33%
7 days or longer: 22%

Waves

Mean Height: 2 - 4 ft

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

Mean Period: 6 - 8 sec

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

Principle Direction, from: ESE

WindSea/Swell: 18% / 82%

Winds

Mean Speed: 10 - 15 kts

The winds will occasionally reach 25 - 30 kts, but rarely greater.

Principle Direction, from: SW

Severe Storms

There is a 3 % chance of a storm occurring in the month with winds peaking above 34 kts.

There is a 9 % chance of a storm occurring in the month with waves peaking at 4m (13 ft) or greater.