

OCS-A 0538 - July

Latitude: 39.71 N Longitude: 73.16 W

Weather Days

Wave Height > 3.0 ft Mean: 17.9 days Range: 14.4 - 21.5 days p10:22.5 days p50:19 days p90:12 days

Wave Height > 4.0 ft Mean: 9.0 days Range: 5.6 - 12.3 days p10:13.5 days p50:9.5 days p90:5 days

Wave Height > 5.0 ft Mean: 4.0 days Range: 1.7 - 6.3 days p10:8 days p50:4 days p90:1.5 days

Wind Speed > 20.0 knots Mean: 1.8 days Range: 0.7 - 2.8 days p10:3.5 days p50:2 days p90:0.5 days

Wind Speed > 25.0 knots Mean: 0.2 days Range: 0.0 - 0.5 days p10:1 days p50:0.5 days p90:0.5 days

Wind Speed > 30.0 knots Mean: 0.0 days Range: 0.0 - 0.1 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: 22%
5 days or longer: 1%
7 days or longer: 1%

Wave Height < 4.0 ft
3 days or longer: 47%
5 days or longer: 12%
7 days or longer: 6%

Wave Height < 5.0 ft
3 days or longer: 67%
5 days or longer: 31%
7 days or longer: 24%

Waves

Mean Height: 2 - 4 ft

The wave heights will occasionally reach 8 - 10 ft, but rarely higher.

Mean Period: 6 - 8 sec

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

Principle Direction, from: S

WindSea/Swell: 20% / 80%

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