

OCS A-0544 - August

Latitude: 40.24 N Longitude: 73.08 W

Weather Days

Wave Height > 4.0 ft Mean: 7.9 days Range: 4.9 - 10.9 days p50:9 days p75:6.5 days p90:5 days

Wave Height > 5.0 ft Mean: 3.9 days Range: 1.6 - 6.3 days p50:4.5 days p75:3 days p90:2 days

Wave Height > 6.0 ft Mean: 1.9 days Range: 0.0 - 3.7 days p50:2 days p75:1 days p90:0.5 days

Wind Speed > 20.0 knots Mean: 1.8 days Range: 0.6 - 3.1 days p50:2 days p75:1 days p90:0.5 days

Wind Speed > 25.0 knots Mean: 0.4 days Range: 0.0 - 0.9 days p50:0.5 days p75:0.5 days p90:0.5 days

Wind Speed > 30.0 knots Mean: 0.1 days Range: 0.0 - 0.3 days p50:0.5 days p75:0.5 days p90:0.5 days

Working Window Probability

Wave Height < 4.0 ft
3 days or longer: 49%
5 days or longer: 17%
7 days or longer: 9%

Wave Height < 5.0 ft
3 days or longer: 65%
5 days or longer: 38%
7 days or longer: 24%

Wave Height < 6.0 ft
3 days or longer: 83%
5 days or longer: 65%
7 days or longer: 53%

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 14 - 16 sec, but rarely longer.

Principle Direction, from: SE

WindSea/Swell: 17% / 83%

Winds

Mean Speed: 10 - 15 kts

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

Principle Direction, from: SSW

Severe Storms

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

There is a 6 % chance of a storm occurring in the month with waves peaking at 4m (13 ft) or greater.