

OCS-A 0538 - December

Latitude: 39.71 N Longitude: 73.16 W

Weather Days

Wave Height > 3.0 ft Mean: 23.6 days Range: 22.1 - 25.2 days p10:25.5 days p50:24 days p90:21.5 days
Wave Height > 4.0 ft Mean: 18.7 days Range: 16.5 - 20.8 days p10:21.5 days p50:19.5 days p90:16 days
Wave Height > 5.0 ft Mean: 13.8 days Range: 11.2 - 16.4 days p10:17.5 days p50:14.5 days p90:10.5 days

Wind Speed > 20.0 knots Mean: 11.6 days Range: 9.1 - 14.1 days p10:15 days p50:12 days p90:7.5 days
Wind Speed > 25.0 knots Mean: 5.6 days Range: 3.6 - 7.6 days p10:8 days p50:6 days p90:3 days
Wind Speed > 30.0 knots Mean: 2.0 days Range: 0.9 - 3.2 days p10:4 days p50:2 days p90:1 days

Working Window Probability

Wave Height < 3.0 ft	3 days or longer: 4%
	5 days or longer: 0%
	7 days or longer: 0%
Wave Height < 4.0 ft	3 days or longer: 13%
	5 days or longer: 1%
	7 days or longer: 0%
Wave Height < 5.0 ft	3 days or longer: 29%
	5 days or longer: 3%
	7 days or longer: 1%

Waves

Mean Height: 4 - 6 ft
The wave heights will occasionally reach 12 - 14 ft, but rarely higher.

Mean Period: 4 - 6 sec
The wave periods will occasionally reach 12 - 14 sec, but rarely longer.

Principle Direction, from: E
WindSea/Swell: 49% / 51%

Winds

Mean Speed: 15 - 20 kts
The winds will occasionally reach 35 - 40 kts, but rarely greater.

Principle Direction, from: WNW

Severe Storms

There is a 92 % chance of a storm occurring in the month with winds peaking above 34 kts.
There is a 46 % chance of a storm occurring in the month with waves peaking at 4m (13 ft) or greater.