

OCS-A 0537 - August

Latitude: 39.96 N Longitude: 72.73 W

Weather Days

Wave Height > 3.0 ft Mean: 18.1 days Range: 14.4 - 21.7 days p50:18 days p75:16 days p90:14 days

Wave Height > 4.0 ft Mean: 10.1 days Range: 6.8 - 13.3 days p50:10.5 days p75:8 days p90:7 days

Wave Height > 5.0 ft Mean: 5.4 days Range: 2.7 - 8.1 days p50:6 days p75:4 days p90:2.5 days

Wind Speed > 20.0 knots Mean: 2.2 days Range: 0.9 - 3.6 days p50:2.5 days p75:1.5 days p90:0.5 days

Wind Speed > 25.0 knots Mean: 0.5 days Range: 0.0 - 1.2 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 - 0.4 days p50:0.5 days p75:0.5 days p90:0.5 days

Working Window Probability

Wave Height < 3.0 ft	3 days or longer: 26%
	5 days or longer: 2%
	7 days or longer: 1%

Wave Height < 4.0 ft	3 days or longer: 46%
	5 days or longer: 14%
	7 days or longer: 5%

Wave Height < 5.0 ft	3 days or longer: 61%
	5 days or longer: 32%
	7 days or longer: 20%

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: SE

WindSea/Swell: 19% / 81%

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 14 % chance of a storm occurring in the month with waves peaking at 4m (13 ft) or greater.