

## OCS-A 0538 - February

Latitude: 39.71 N Longitude: 73.16 W

### Weather Days

Wave Height > 3.0 ft Mean: 23.4 days Range: 21.4 - 25.4 days p10:26 days p50:24.5 days p90:21 days

Wave Height > 4.0 ft Mean: 18.4 days Range: 15.4 - 21.3 days p10:22.5 days p50:19 days p90:14.5 days

Wave Height > 5.0 ft Mean: 13.4 days Range: 10.1 - 16.7 days p10:18.5 days p50:13.5 days p90:9 days

Wind Speed > 20.0 knots Mean: 10.7 days Range: 8.2 - 13.2 days p10:15 days p50:10.5 days p90:8.5 days

Wind Speed > 25.0 knots Mean: 4.9 days Range: 3.1 - 6.7 days p10:7.5 days p50:5 days p90:3 days

Wind Speed > 30.0 knots Mean: 1.5 days Range: 0.5 - 2.5 days p10:3 days p50:1.5 days p90:0.5 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: 14%  
                                                      5 days or longer: 0%  
                                                      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: 48% / 52%

### Winds

Mean Speed: 15 - 20 kts

The winds will occasionally reach 35 - 40 kts, but rarely greater.

Principle Direction, from: NW

### Severe Storms

There is a 63 % chance of a storm occurring in the month with winds peaking above 34 kts.

There is a 51 % chance of a storm occurring in the month with waves peaking at 4m (13 ft) or greater.