

## OCS-A 0537 - January

Latitude: 39.96 N Longitude: 72.73 W

### Weather Days

Wave Height > 3.0 ft Mean: 24.6 days Range: 22.4 - 26.8 days p50:25.5 days p75:23.5 days p90:21.5 days

Wave Height > 4.0 ft Mean: 20.4 days Range: 17.7 - 23.0 days p50:20.5 days p75:19 days p90:17 days

Wave Height > 5.0 ft Mean: 15.5 days Range: 12.8 - 18.3 days p50:16 days p75:14 days p90:13 days

Wind Speed > 20.0 knots Mean: 12.6 days Range: 9.9 - 15.3 days p50:12.5 days p75:11.5 days p90:9.5 days

Wind Speed > 25.0 knots Mean: 6.2 days Range: 3.8 - 8.6 days p50:6 days p75:4.5 days p90:3.5 days

Wind Speed > 30.0 knots Mean: 2.2 days Range: 0.7 - 3.6 days p50:2 days p75:1.5 days p90:1 days

### Working Window Probability

Wave Height < 3.0 ft                      3 days or longer: 5%  
    5 days or longer: 0%  
    7 days or longer: 0%

Wave Height < 4.0 ft                      3 days or longer: 9%  
    5 days or longer: 0%  
    7 days or longer: 0%

Wave Height < 5.0 ft                      3 days or longer: 20%  
    5 days or longer: 1%  
    7 days or longer: 0%

### Waves

Mean Height: 4 - 6 ft

The wave heights will occasionally reach 14 - 16 ft, but rarely higher.

Mean Period: 4 - 6 sec

The wave periods will occasionally reach 10 - 12 sec, but rarely longer.

Principle Direction, from: WNW

WindSea/Swell: 56% / 44%

### 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 97 % chance of a storm occurring in the month with winds peaking above 34 kts.

There is a 70 % chance of a storm occurring in the month with waves peaking at 4m (13 ft) or greater.