

## OCS-A 0538 - January

Latitude: 39.71 N Longitude: 73.16 W

### Weather Days

Wave Height > 3.0 ft Mean: 23.9 days Range: 21.6 - 26.2 days p10:26.5 days p50:24.5 days p90:20.5 days

Wave Height > 4.0 ft Mean: 19.1 days Range: 16.4 - 21.8 days p10:22.5 days p50:19 days p90:16 days

Wave Height > 5.0 ft Mean: 14.1 days Range: 11.4 - 16.9 days p10:17.5 days p50:14.5 days p90:10.5 days

Wind Speed > 20.0 knots Mean: 11.9 days Range: 9.4 - 14.5 days p10:16.5 days p50:12 days p90:9.5 days

Wind Speed > 25.0 knots Mean: 5.7 days Range: 3.4 - 8.1 days p10:10.5 days p50:5 days p90:3.5 days

Wind Speed > 30.0 knots Mean: 1.9 days Range: 0.7 - 3.2 days p10:3.5 days p50:2 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: 11%  
5 days or longer: 1%  
7 days or longer: 0%

Wave Height < 5.0 ft  
3 days or longer: 23%  
5 days or longer: 2%  
7 days or longer: 1%

### 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 12 - 14 sec, but rarely longer.

Principle Direction, from: S

WindSea/Swell: 53% / 47%

### 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 70 % chance of a storm occurring in the month with winds peaking above 34 kts.

There is a 73 % chance of a storm occurring in the month with waves peaking at 4m (13 ft) or greater.