

## OCS A-0522 - August

Latitude: 40.67 N Longitude: 70.26 W

### Weather Days

Wave Height > 4.0 ft Mean: 11.3 days Range: 7.9 - 14.7 days p50:12.5 days p75:10 days p90:8.5 days

Wave Height > 5.0 ft Mean: 6.2 days Range: 3.4 - 9.0 days p50:7 days p75:5.5 days p90:2.5 days

Wave Height > 6.0 ft Mean: 3.5 days Range: 1.2 - 5.8 days p50:4 days p75:2 days p90:1 days

Wind Speed > 20.0 knots Mean: 1.7 days Range: 0.5 - 3.0 days p50:2 days p75:1 days p90:0.5 days

Wind Speed > 25.0 knots Mean: 0.4 days Range: 0.0 - 0.9 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 < 4.0 ft                    3 days or longer: 47%  
    5 days or longer: 10%  
    7 days or longer: 3%

Wave Height < 5.0 ft                    3 days or longer: 59%  
    5 days or longer: 29%  
    7 days or longer: 15%

Wave Height < 6.0 ft                    3 days or longer: 73%  
    5 days or longer: 42%  
    7 days or longer: 30%

### 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: 16% / 84%

### 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.