

## Orsted SJW02 - June

Latitude: 38.61 N Longitude: 74.67 W

### Weather Days

Wave Height > 3.0 ft Mean: 12.5 days Range: 8.5 - 16.5 days p10:18.5 days p50:12.5 days p90:7.5 days

Wave Height > 4.0 ft Mean: 5.2 days Range: 2.0 - 8.5 days p10:11 days p50:5 days p90:2.5 days

Wave Height > 5.0 ft Mean: 1.9 days Range: 0.1 - 3.7 days p10:5 days p50:2 days p90:0.5 days

Wind Speed > 20.0 knots Mean: 0.4 days Range: 0.0 - 0.8 days p10:1.5 days p50:0.5 days p90:0.5 days

Wind Speed > 25.0 knots Mean: 0.0 days Range: 0.0 - 0.1 days p10:0.5 days p50:0.5 days p90:0.5 days

Wind Speed > 30.0 knots Mean: 0.0 days Range: 0.0 - 0.0 days p10:0.5 days p50:0.5 days p90:0.5 days

### Working Window Probability

Wave Height < 3.0 ft                      3 days or longer: 40%  
    5 days or longer: 9%  
    7 days or longer: 3%

Wave Height < 4.0 ft                      3 days or longer: 63%  
    5 days or longer: 32%  
    7 days or longer: 20%

Wave Height < 5.0 ft                      3 days or longer: 77%  
    5 days or longer: 51%  
    7 days or longer: 40%

### Waves

Mean Height: 2 - 4 ft

The wave heights will occasionally reach 6 - 8 ft, but rarely higher.

Mean Period: 6 - 8 sec

The wave periods will occasionally reach 14 - 16 sec, but rarely longer.

Principle Direction, from: ESE

WindSea/Swell: 13% / 87%

### Winds

Mean Speed: 5 - 10 kts

The winds will occasionally reach 20 - 25 kts, but rarely greater.

Principle Direction, from: SSW

### Currents

Mean Speed: 0.25-0.50 kts

The currents will occasionally reach 1.00-1.25 kts, but rarely greater.

Principle Direction, to: NE

Current Speed > 1.0 knots Mean: 1.1 days Range: 0.0 - 2.4 days p10:4 days p50:1.125 days p80:1 days

Current Speed > 1.5 knots Mean: 0.0 days Range: 0.0 - 0.0 days p10:1 days p50:0 days p80:1 days

Current Speed > 2.0 knots Mean: 0.0 days Range: 0.0 - 0.0 days p10:1 days p50:0 days p80:1 days

### Severe Storms

Severe storms with gale force winds and extreme waves are not expected during this month.