

## VNE 544 ECR1 Midpoint - March

Latitude: 40.40 N Longitude: 73.39 W

### Weather Days

Wave Height > 4.0 ft Mean: 11.1 days Range: 8.2 - 14.1 days p50:12.5 days p75:10 days p90:8.5 days

Wave Height > 5.0 ft Mean: 7.0 days Range: 4.2 - 9.8 days p50:7.5 days p75:5.5 days p90:4 days

Wave Height > 6.0 ft Mean: 4.5 days Range: 1.9 - 7.0 days p50:5 days p75:3 days p90:1.5 days

Wind Speed > 20.0 knots Mean: 5.5 days Range: 3.4 - 7.6 days p50:6 days p75:4 days p90:3.5 days

Wind Speed > 25.0 knots Mean: 1.7 days Range: 0.6 - 2.9 days p50:2 days p75:1 days p90:0.5 days

Wind Speed > 30.0 knots Mean: 0.4 days Range: 0.0 - 0.8 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: 43%  
    5 days or longer: 9%  
    7 days or longer: 4%

Wave Height < 5.0 ft                    3 days or longer: 60%  
    5 days or longer: 20%  
    7 days or longer: 10%

Wave Height < 6.0 ft                    3 days or longer: 68%  
    5 days or longer: 34%  
    7 days or longer: 21%

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

Principle Direction, from: S

WindSea/Swell: 34% / 66%

### Winds

Mean Speed: 10 - 15 kts

The winds will occasionally reach 30 - 35 kts, but rarely greater.

Principle Direction, from: NW

### Severe Storms

There is a 14 % chance of a storm occurring in the month with winds peaking above 34 kts.

There is a 29 % chance of a storm occurring in the month with waves peaking at 4m (13 ft) or greater.