

## VNE 544 ECR1 Midpoint - June

Latitude: 40.40 N Longitude: 73.39 W

### Weather Days

Wave Height > 4.0 ft Mean: 6.3 days Range: 3.2 - 9.3 days p50:6 days p75:4.5 days p90:3.5 days

Wave Height > 5.0 ft Mean: 2.3 days Range: 0.3 - 4.2 days p50:2.5 days p75:1 days p90:0.5 days

Wave Height > 6.0 ft Mean: 0.8 days Range: 0.0 - 1.7 days p50:0.5 days p75:0.5 days p90:0.5 days

Wind Speed > 20.0 knots Mean: 0.7 days Range: 0.1 - 1.3 days p50:1 days p75:0.5 days p90:0.5 days

Wind Speed > 25.0 knots Mean: 0.1 days Range: 0.0 - 0.2 days p50:0.5 days p75:0.5 days p90:0.5 days

Wind Speed > 30.0 knots Mean: 0.0 days Range: 0.0 - 0.0 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: 54%  
    5 days or longer: 24%  
    7 days or longer: 15%

Wave Height < 5.0 ft                      3 days or longer: 73%  
    5 days or longer: 47%  
    7 days or longer: 37%

Wave Height < 6.0 ft                      3 days or longer: 84%  
    5 days or longer: 66%  
    7 days or longer: 58%

### 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: S

WindSea/Swell: 14% / 86%

### Winds

Mean Speed: 10 - 15 kts

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

Principle Direction, from: SSW

### Severe Storms

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