

## VNE 544 ECR1 Midpoint - July

Latitude: 40.40 N Longitude: 73.39 W

### Weather Days

Wave Height > 4.0 ft Mean: 5.3 days Range: 2.6 - 7.9 days p50:5.5 days p75:3.5 days p90:2 days

Wave Height > 5.0 ft Mean: 1.8 days Range: 0.4 - 3.3 days p50:2 days p75:1 days p90:0.5 days

Wave Height > 6.0 ft Mean: 0.7 days Range: 0.0 - 1.6 days p50:0.5 days p75:0.5 days p90:0.5 days

Wind Speed > 20.0 knots Mean: 0.5 days Range: 0.1 - 1.0 days p50:0.5 days p75:0.5 days p90:0.5 days

Wind Speed > 25.0 knots Mean: 0.0 days Range: 0.0 - 0.1 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: 57%

5 days or longer: 23%

7 days or longer: 16%

Wave Height < 5.0 ft                      3 days or longer: 76%

5 days or longer: 47%

7 days or longer: 40%

Wave Height < 6.0 ft                      3 days or longer: 89%

5 days or longer: 75%

7 days or longer: 68%

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

Principle Direction, from: S

WindSea/Swell: 12% / 88%

### Winds

Mean Speed: 5 - 10 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.