

## VNE 522 ECR Midpoint - March

Latitude: 40.62 N Longitude: 71.98 W

### Weather Days

Wave Height > 4.0 ft Mean: 15.3 days Range: 12.2 - 18.4 days p50:16.5 days p75:14.5 days p90:11 days

Wave Height > 5.0 ft Mean: 10.9 days Range: 7.9 - 13.9 days p50:12 days p75:9.5 days p90:7 days

Wave Height > 6.0 ft Mean: 7.5 days Range: 4.6 - 10.5 days p50:8.5 days p75:6.5 days p90:4 days

Wind Speed > 20.0 knots Mean: 8.8 days Range: 6.1 - 11.5 days p50:9 days p75:7 days p90:5.5 days

Wind Speed > 25.0 knots Mean: 3.5 days Range: 1.5 - 5.4 days p50:3.5 days p75:2 days p90:1.5 days

Wind Speed > 30.0 knots Mean: 1.1 days Range: 0.2 - 2.1 days p50:1.5 days p75:0.5 days p90:0.5 days

### Working Window Probability

Wave Height < 4.0 ft	3 days or longer: 29%
	5 days or longer: 3%
	7 days or longer: 1%

Wave Height < 5.0 ft	3 days or longer: 41%
	5 days or longer: 9%
	7 days or longer: 5%

Wave Height < 6.0 ft	3 days or longer: 53%
	5 days or longer: 18%
	7 days or longer: 9%

### Waves

Mean Height: 4 - 6 ft

The wave heights will occasionally reach 12 - 14 ft, but rarely higher.

Mean Period: 6 - 8 sec

The wave periods will occasionally reach 12 - 14 sec, but rarely longer.

Principle Direction, from: E

WindSea/Swell: 37% / 63%

### Winds

Mean Speed: 15 - 20 kts

The winds will occasionally reach 35 - 40 kts, but rarely greater.

Principle Direction, from: NW

### Severe Storms

There is a 57 % chance of a storm occurring in the month with winds peaking above 34 kts.

There is a 63 % chance of a storm occurring in the month with waves peaking at 4m (13 ft) or greater.