

VNE 522 ECR Midpoint - April

Latitude: 40.62 N Longitude: 71.98 W

Weather Days

Wave Height > 4.0 ft Mean: 14.9 days Range: 11.0 - 18.8 days p50:15.5 days p75:13.5 days p90:10.5 days

Wave Height > 5.0 ft Mean: 10.5 days Range: 6.6 - 14.4 days p50:10.5 days p75:8.5 days p90:6 days

Wave Height > 6.0 ft Mean: 7.2 days Range: 3.6 - 10.8 days p50:7 days p75:5.5 days p90:3.5 days

Wind Speed > 20.0 knots Mean: 6.1 days Range: 3.7 - 8.5 days p50:6 days p75:5 days p90:3.5 days

Wind Speed > 25.0 knots Mean: 1.9 days Range: 0.5 - 3.4 days p50:2 days p75:1.5 days p90:1 days

Wind Speed > 30.0 knots Mean: 0.6 days Range: 0.0 - 1.2 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: 34%
 5 days or longer: 5%
 7 days or longer: 1%

Wave Height < 5.0 ft 3 days or longer: 44%
 5 days or longer: 13%
 7 days or longer: 5%

Wave Height < 6.0 ft 3 days or longer: 60%
 5 days or longer: 25%
 7 days or longer: 14%

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: 30% / 70%

Winds

Mean Speed: 10 - 15 kts

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

Principle Direction, from: SW

Severe Storms

There is a 20 % chance of a storm occurring in the month with winds peaking above 34 kts.

There is a 34 % chance of a storm occurring in the month with waves peaking at 4m (13 ft) or greater.