

VNE 544 ECR2 Midpoint - April

Latitude: 40.24 N Longitude: 73.53 W

Weather Days

Wave Height > 4.0 ft Mean: 11.6 days Range: 7.5 - 15.7 days p50:11 days p75:10 days p90:8.5 days

Wave Height > 5.0 ft Mean: 7.5 days Range: 3.7 - 11.4 days p50:8 days p75:6 days p90:3.5 days

Wave Height > 6.0 ft Mean: 4.8 days Range: 1.5 - 8.1 days p50:5.5 days p75:3 days p90:1 days

Wind Speed > 20.0 knots Mean: 3.6 days Range: 2.0 - 5.3 days p50:4 days p75:2.5 days p90:1.5 days

Wind Speed > 25.0 knots Mean: 1.0 days Range: 0.1 - 1.8 days p50:1 days p75:1 days p90:0.5 days

Wind Speed > 30.0 knots Mean: 0.2 days Range: 0.0 - 0.5 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: 12%
7 days or longer: 5%

Wave Height < 5.0 ft
3 days or longer: 62%
5 days or longer: 23%
7 days or longer: 13%

Wave Height < 6.0 ft
3 days or longer: 73%
5 days or longer: 37%
7 days or longer: 23%

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 10 - 12 sec, but rarely longer.

Principle Direction, from: S

WindSea/Swell: 26% / 74%

Winds

Mean Speed: 10 - 15 kts

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

Principle Direction, from: SSW

Severe Storms

There is a 9 % chance of a storm occurring in the month with winds peaking above 34 kts.

There is a 3 % chance of a storm occurring in the month with waves peaking at 4m (13 ft) or greater.