VNE 522 ECR Midpoint - August

Latitude: 40.62 N Longitude: 71.98 W

Weather Days

Wave Height > 4.0 ft Mean: 8.5 days Range: 5.2 - 11.8 days p50:9 days p75:7.5 days p90:5.5 days
Wave Height > 5.0 ft Mean: 4.3 days Range: 1.9 - 6.7 days p50:4.5 days p75:3 days p90:2 days
Wave Height > 6.0 ft Mean: 2.2 days Range: 0.4 - 4.1 days p50:2.5 days p75:1.5 days p90:0.5 days

Wind Speed > 20.0 knots Mean: 1.8 days Range: 0.7 - 3.0 days p50:2 days p75:1 days p90:0.5 days
Wind Speed > 25.0 knots Mean: 0.4 days Range: 0.0 - 0.9 days p50:0.5 days p75:0.5 days p90:0.5 days
Wind Speed > 30.0 knots Mean: 0.1 days Range: 0.0 - 0.3 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: 49%
	5 days or longer: 19%
	7 days or longer: 7%
Wave Height < 5.0 ft	3 days or longer: 64%
	5 days or longer: 34%
	7 days or longer: 21%
Wave Height < 6.0 ft	3 days or longer: 77%
	5 days or longer: 53%
	7 days or longer: 41%

Waves

Mean Height: 2 - 4 ft
The wave heights will occasionally reach 8 - 10 ft, but rarely higher.
Mean Period: 6 - 8 sec
The wave periods will occasionally reach 14 - 16 sec, but rarely longer.
Principle Direction, from: SE
WindSea/Swell: 18% / 82%

Winds

Mean Speed: 10 - 15 kts
The winds will occasionally reach 25 - 30 kts, but rarely greater.
Principle Direction, from: SW

Severe Storms

There is a 6 % chance of a storm occurring in the month with winds peaking above 34 kts.
There is a 6 % chance of a storm occurring in the month with waves peaking at 4m (13 ft) or greater.