VNE 522 ECR Midpoint - October

Latitude: 40.62 N Longitude: 71.98 W

Weather Days

Wave Height > 4.0 ft Mean: 13.8 days Range: 10.7 - 16.9 days p50:16 days p75:13.5 days p90:12.5 days Wave Height > 5.0 ft Mean: 8.8 days Range: 6.0 - 11.5 days p50:10.5 days p75:8.5 days p90:7.5 days Wave Height > 6.0 ft Mean: 5.7 days Range: 3.1 - 8.3 days p50:6.5 days p75:5 days p90:2 days

Wind Speed > 20.0 knots Mean: 6.9 days Range: 5.1 - 8.7 days p50:7.5 days p75:6.5 days p90:4.5 days Wind Speed > 25.0 knots Mean: 2.4 days Range: 1.3 - 3.5 days p50:2.5 days p75:2 days p90:1 days Wind Speed > 30.0 knots Mean: 0.8 days Range: 0.2 - 1.3 days p50:1 days p75:0.5 days p90:0.5 days

Working Window Probability

Wave Height < 4.0 ft	3 days or longer: 30%
	5 days or longer: 5%
	7 days or longer: 1%
Wave Height < 5.0 ft	3 days or longer: 45%
	5 days or longer: 13%
	7 days or longer: 7%
Wave Height < 6.0 ft	3 days or longer: 64%
	5 days or longer: 29%
	7 days or longer: 16%

Waves

Mean Height: 2 - 4 ft

The wave heights will occasionally reach 14 - 16 ft, but rarely higher. Mean Period: 6 - 8 sec The wave periods will occasionally reach 12 - 14 sec, but rarely longer. Principle Direction, from: ESE WindSea/Swell: 32% / 68%

Winds

Mean Speed: 10 - 15 kts The winds will occasionally reach 35 - 40 kts, but rarely greater. Principle Direction, from: SW

Severe Storms

There is a 47 % chance of a storm occurring in the month with winds peaking above 34 kts. There is a 44 % chance of a storm occurring in the month with waves peaking at 4m (13 ft) or greater.