VNE 544 ECR1 Midpoint - May

Latitude: 40.40 N Longitude: 73.39 W

Weather Days

Wave Height > 4.0 ft Mean: 9.1 days Range: 6.1 - 12.1 days p50:10 days p75:8 days p90:5.5 days
Wave Height > 5.0 ft Mean: 4.8 days Range: 2.6 - 7.0 days p50:5 days p75:3.5 days p90:2 days
Wave Height > 6.0 ft Mean: 2.5 days Range: 0.7 - 4.2 days p50:2.5 days p75:1.5 days p90:0.5 days

Wind Speed > 20.0 knots Mean: 1.7 days Range: 0.6 - 2.8 days p50:2 days p75:1 days p90:0.5 days
Wind Speed > 25.0 knots Mean: 0.3 days Range: 0.0 - 0.7 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 - 0.2 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: 53%
	5 days or longer: 18%
	7 days or longer: 6%
Wave Height < 5.0 ft	3 days or longer: 66%
	5 days or longer: 37%
	7 days or longer: 23%
Wave Height < 6.0 ft	3 days or longer: 72%
	5 days or longer: 54%
	7 days or longer: 39%

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: S
WindSea/Swell: 18% / 82%

Winds

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

Severe Storms

Severe storms with gale force winds and extreme waves are not expected during this month.