VNE 544 ECR2 Midpoint - July

Latitude: 40.24 N Longitude: 73.53 W

Weather Days

Wave Height > 4.0 ft Mean: 4.9 days Range: 2.4 - 7.5 days p50:5.5 days p75:3 days p90:2 days
Wave Height > 5.0 ft Mean: 1.7 days Range: 0.3 - 3.1 days p50:2 days p75:0.5 days p90:0.5 days
Wave Height > 6.0 ft Mean: 0.6 days Range: 0.0 - 1.5 days p50:0.5 days p75:0.5 days p90:0.5 days

Wind Speed > 20.0 knots Mean: 0.5 days Range: 0.0 - 1.0 days p50:0.5 days p75:0.5 days p90:0.5 days
Wind Speed > 25.0 knots Mean: 0.0 days Range: 0.0 - 0.1 days p50:0.5 days p75:0.5 days p90:0.5 days
Wind Speed > 30.0 knots Mean: 0.0 days Range: 0.0 - 0.0 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: 61%
	5 days or longer: 27%
	7 days or longer: 18%
Wave Height < 5.0 ft	3 days or longer: 78%
	5 days or longer: 55%
	7 days or longer: 44%
Wave Height < 6.0 ft	3 days or longer: 86%
	5 days or longer: 77%
	7 days or longer: 70%

Waves

Mean Height: 2 - 4 ft
The wave heights will occasionally reach 6 - 8 ft, but rarely higher.
Mean Period: 6 - 8 sec
The wave periods will occasionally reach 12 - 14 sec, but rarely longer.
Principle Direction, from: S
WindSea/Swell: 12% / 88%

Winds

Mean Speed: 5 - 10 kts
The winds will occasionally reach 20 - 25 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.