VNE 522 & 544 ECR Long Beach NY Shore Landing - September

Latitude: 40.56 N Longitude: 73.70 W

Weather Days

Wave Height > 4.0 ft Mean: 3.1 days Range: 0.0 - 6.2 days p50:4 days p75:2.5 days p90:1 days
Wave Height > 5.0 ft Mean: 1.4 days Range: 0.0 - 3.1 days p50:2 days p75:0.5 days p90:0.5 days
Wave Height > 6.0 ft Mean: 0.7 days Range: 0.0 - 1.8 days p50:1 days p75:0.5 days p90:0.5 days

Wind Speed > 20.0 knots Mean: 0.4 days Range: 0.0 - 0.8 days p50:0.5 days p75:0.5 days p90:0.5 days
Wind Speed > 25.0 knots Mean: 0.1 days Range: 0.0 - 0.3 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 - 0.1 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: 71%
	5 days or longer: 38%
	7 days or longer: 26%
Wave Height < 5.0 ft	3 days or longer: 84%
	5 days or longer: 61%
	7 days or longer: 55%
Wave Height < 6.0 ft	3 days or longer: 86%
	5 days or longer: 66%
	7 days or longer: 60%

Waves

Mean Height: 2 - 4 ft
The wave heights will occasionally reach 8 - 10 ft, but rarely higher.
Mean Period: 8 - 10 sec
The wave periods will occasionally reach 14 - 16 sec, but rarely longer.
Principle Direction, from: SE
WindSea/Swell: 7% / 93%

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.