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

Latitude: 40.56 N Longitude: 73.70 W

Weather Days

Wave Height > 4.0 ft Mean: 4.5 days Range: 1.6 - 7.5 days p50:5 days p75:2.5 days p90:1 days
Wave Height > 5.0 ft Mean: 2.0 days Range: 0.3 - 3.8 days p50:2 days p75:1 days p90:0.5 days
Wave Height > 6.0 ft Mean: 1.0 days Range: 0.0 - 2.0 days p50:1 days p75:0.5 days p90:0.5 days

Wind Speed > 20.0 knots Mean: 1.1 days Range: 0.2 - 2.1 days p50:1.5 days p75:1 days p90:0.5 days
Wind Speed > 25.0 knots Mean: 0.2 days Range: 0.0 - 0.4 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: 73%
	5 days or longer: 37%
	7 days or longer: 24%
Wave Height < 5.0 ft	3 days or longer: 80%
	5 days or longer: 52%
	7 days or longer: 41%
Wave Height < 6.0 ft	3 days or longer: 90%
	5 days or longer: 69%
	7 days or longer: 59%

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 14 - 16 sec, but rarely longer.
Principle Direction, from: S
WindSea/Swell: 19% / 81%

Winds

Mean Speed: 10 - 15 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.