

## VNE 522 & 544 ECR Long Beach NY Shore Landing - July

Latitude: 40.56 N Longitude: 73.70 W

### Weather Days

Wave Height > 4.0 ft Mean: 1.3 days Range: 0.1 - 2.5 days p50:1.5 days p75:0.5 days p90:0.5 days

Wave Height > 5.0 ft Mean: 0.4 days Range: 0.0 - 1.0 days p50:0.5 days p75:0.5 days p90:0.5 days

Wave Height > 6.0 ft Mean: 0.1 days Range: 0.0 - 0.3 days p50:0.5 days p75:0.5 days p90:0.5 days

Wind Speed > 20.0 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 > 25.0 knots Mean: 0.0 days Range: 0.0 - 0.0 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: 78%  
   5 days or longer: 58%  
   7 days or longer: 48%

Wave Height < 5.0 ft                    3 days or longer: 89%  
   5 days or longer: 82%  
   7 days or longer: 73%

Wave Height < 6.0 ft                    3 days or longer: 91%  
   5 days or longer: 91%  
   7 days or longer: 88%

### Waves

Mean Height: 2 - 4 ft

The wave heights will occasionally reach 4 - 6 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: 5% / 95%

### Winds

Mean Speed: 5 - 10 kts

The winds will occasionally reach 15 - 20 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.