

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

Latitude: 40.56 N Longitude: 73.70 W

### Weather Days

Wave Height > 4.0 ft Mean: 4.1 days Range: 1.7 - 6.4 days p50:4.5 days p75:4 days p90:1.5 days

Wave Height > 5.0 ft Mean: 1.9 days Range: 0.2 - 3.7 days p50:2.5 days p75:1 days p90:0.5 days

Wave Height > 6.0 ft Mean: 1.0 days Range: 0.0 - 2.2 days p50:1 days p75:0.5 days p90:0.5 days

Wind Speed > 20.0 knots Mean: 1.2 days Range: 0.3 - 2.1 days p50:1.5 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 - 0.3 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: 76%  
5 days or longer: 42%  
7 days or longer: 30%

Wave Height < 5.0 ft  
3 days or longer: 81%  
5 days or longer: 59%  
7 days or longer: 43%

Wave Height < 6.0 ft  
3 days or longer: 94%  
5 days or longer: 78%  
7 days or longer: 65%

### 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: 14% / 86%

### Winds

Mean Speed: 10 - 15 kts

The winds will occasionally reach 25 - 30 kts, but rarely greater.

Principle Direction, from: WNW

### Severe Storms

There is a 3 % chance of a storm occurring in the month with winds peaking above 34 kts.

There is a 3 % chance of a storm occurring in the month with waves peaking at 4m (13 ft) or greater.