

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

Latitude: 40.56 N Longitude: 73.70 W

Weather Days

Wave Height > 4.0 ft Mean: 4.0 days Range: 1.7 - 6.3 days p50:4.5 days p75:3 days p90:1.5 days

Wave Height > 5.0 ft Mean: 2.1 days Range: 0.6 - 3.6 days p50:2.5 days p75:1.5 days p90:0.5 days

Wave Height > 6.0 ft Mean: 1.0 days Range: 0.0 - 2.1 days p50:1 days p75:0.5 days p90:0.5 days

Wind Speed > 20.0 knots Mean: 2.1 days Range: 0.9 - 3.2 days p50:2.5 days p75:1.5 days p90:1 days

Wind Speed > 25.0 knots Mean: 0.4 days Range: 0.0 - 0.9 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 - 0.4 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: 64%

5 days or longer: 35%

7 days or longer: 23%

Wave Height < 5.0 ft 3 days or longer: 74%

5 days or longer: 54%

7 days or longer: 37%

Wave Height < 6.0 ft 3 days or longer: 79%

5 days or longer: 64%

7 days or longer: 50%

Waves

Mean Height: 2 - 4 ft

The wave heights will occasionally reach 8 - 10 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: 25% / 75%

Winds

Mean Speed: 10 - 15 kts

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

Principle Direction, from: NW

Severe Storms

There is a 9 % chance of a storm occurring in the month with winds peaking above 34 kts.

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