

## Long Island Wind - June

Latitude: 40.90 N Longitude: 71.00 W

### Weather Days

Wave Height > 6.0 ft Mean: 3.6 days Range: 1.0 - 6.1 days p50:3 days p75:1.5 days p90:1 days

Wave Height > 7.0 ft Mean: 1.8 days Range: 0.2 - 3.3 days p50:2 days p75:1 days p90:0.5 days

Wave Height > 8.0 ft Mean: 0.8 days Range: 0.0 - 1.5 days p50:1 days p75:0.5 days p90:0.5 days

Wind Speed > 15.0 knots Mean: 9.9 days Range: 7.4 - 12.4 days p50:10.5 days p75:8.5 days p90:6 days

Wind Speed > 20.0 knots Mean: 3.1 days Range: 1.5 - 4.7 days p50:3.5 days p75:2 days p90:1.5 days

Wind Speed > 25.0 knots Mean: 0.4 days Range: 0.1 - 0.8 days p50:0.5 days p75:0.5 days p90:0.5 days

### Working Window

Wave Height < 6.0 ft  
A 1 day or longer window will statistically occur 3.2 times per month  
A 2 day or longer window will statistically occur 2.7 times per month  
A 3 day or longer window will statistically occur 2.1 times per month

Wave Height < 7.0 ft  
A 1 day or longer window will statistically occur 2.2 times per month  
A 2 day or longer window will statistically occur 2.0 times per month  
A 3 day or longer window will statistically occur 1.6 times per month

Wave Height < 8.0 ft  
A 1 day or longer window will statistically occur 1.7 times per month  
A 2 day or longer window will statistically occur 1.6 times per month  
A 3 day or longer window will statistically occur 1.4 times per month

### 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: SSW

WindSea/Swell: 26% / 74%

### Winds

Mean Speed: 10 - 15 kts

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

Principle Direction, from: SW

### Currents

Mean Speed: 0.25-0.50 kts

The currents will occasionally reach 0.75-1.00 kts, but rarely greater.

Principle Direction, to: ESE

Weather Days

Current Speed > 1.0 knots Mean: 0.1 days Range: 0.0 - 0.5 days p50:1 days p75:1 days p90:1 days

Current Speed > 1.5 knots Mean: 0.0 days Range: 0.0 - 0.0 days p50:1 days p75:1 days p90:1 days

Current Speed > 2.0 knots Mean: 0.0 days Range: 0.0 - 0.0 days p50:1 days p75:1 days p90:1 days

### Severe Storms

Severe storms with gale force winds and extreme waves are not expected during this month.