

Long Island Wind - November

Latitude: 40.90 N Longitude: 71.00 W

Weather Days

Wave Height > 6.0 ft Mean: 9.7 days Range: 7.0 - 12.3 days p50:10 days p75:8 days p90:6.5 days

Wave Height > 7.0 ft Mean: 6.7 days Range: 4.1 - 9.2 days p50:7 days p75:5.5 days p90:3.5 days

Wave Height > 8.0 ft Mean: 4.7 days Range: 2.6 - 6.7 days p50:5 days p75:3 days p90:2 days

Wind Speed > 15.0 knots Mean: 18.8 days Range: 16.3 - 21.3 days p50:19 days p75:18 days p90:16 days

Wind Speed > 20.0 knots Mean: 11.0 days Range: 8.3 - 13.6 days p50:11.5 days p75:9.5 days p90:8 days

Wind Speed > 25.0 knots Mean: 4.9 days Range: 3.0 - 6.9 days p50:5.5 days p75:4 days p90:2.5 days

Working Window

Wave Height < 6.0 ft
A 1 day or longer window will statistically occur 5.0 times per month
A 2 day or longer window will statistically occur 3.3 times per month
A 3 day or longer window will statistically occur 2.0 times per month

Wave Height < 7.0 ft
A 1 day or longer window will statistically occur 4.8 times per month
A 2 day or longer window will statistically occur 3.6 times per month
A 3 day or longer window will statistically occur 2.6 times per month

Wave Height < 8.0 ft
A 1 day or longer window will statistically occur 4.3 times per month
A 2 day or longer window will statistically occur 3.3 times per month
A 3 day or longer window will statistically occur 2.6 times per month

Waves

Mean Height: 4 - 6 ft

The wave heights will occasionally reach 14 - 16 ft, but rarely higher.

Mean Period: 6 - 8 sec

The wave periods will occasionally reach 12 - 14 sec, but rarely longer.

Principle Direction, from: ESE

WindSea/Swell: 46% / 54%

Winds

Mean Speed: 15 - 20 kts

The winds will occasionally reach 35 - 40 kts, but rarely greater.

Principle Direction, from: NW

Currents

Mean Speed: 0.25-0.50 kts

The currents will occasionally reach 1.25-1.50 kts, but rarely greater.

Principle Direction, to: W

Weather Days

Current Speed > 1.0 knots Mean: 1.3 days Range: 0.0 - 2.7 days p50:2 days p75:1 days p90:1 days

Current Speed > 1.5 knots Mean: 0.1 days Range: 0.0 - 0.4 days p50:1 days p75:1 days p90:1 days

Current Speed > 2.0 knots Mean: 0.1 days Range: 0.0 - 0.3 days p50:1 days p75:1 days p90:1 days

Severe Storms

There is a 41 % chance of a storm occurring in the month with winds peaking above 34 kts.

There is a 7 % chance of a storm occurring in the month with waves exceeding 3 m (10 ft) above the mean wave height.