

Long Island Wind - May

Latitude: 40.90 N Longitude: 71.00 W

Weather Days

Wave Height > 6.0 ft Mean: 5.2 days Range: 2.7 - 7.7 days p50:5 days p75:3 days p90:2.5 days

Wave Height > 7.0 ft Mean: 3.0 days Range: 1.0 - 4.9 days p50:3 days p75:2 days p90:1 days

Wave Height > 8.0 ft Mean: 1.6 days Range: 0.2 - 3.1 days p50:2.5 days p75:1.5 days p90:0.5 days

Wind Speed > 15.0 knots Mean: 11.5 days Range: 9.0 - 13.9 days p50:12 days p75:10 days p90:8.5 days

Wind Speed > 20.0 knots Mean: 4.3 days Range: 2.7 - 5.9 days p50:4.5 days p75:3 days p90:2.5 days

Wind Speed > 25.0 knots Mean: 1.3 days Range: 0.3 - 2.3 days p50:1.5 days p75:1 days p90:0.5 days

Working Window

Wave Height < 6.0 ft
A 1 day or longer window will statistically occur 3.8 times per month
A 2 day or longer window will statistically occur 3.1 times per month
A 3 day or longer window will statistically occur 2.5 times per month

Wave Height < 7.0 ft
A 1 day or longer window will statistically occur 2.9 times per month
A 2 day or longer window will statistically occur 2.5 times per month
A 3 day or longer window will statistically occur 2.1 times per month

Wave Height < 8.0 ft
A 1 day or longer window will statistically occur 2.3 times per month
A 2 day or longer window will statistically occur 1.9 times per month
A 3 day or longer window will statistically occur 1.8 times per month

Waves

Mean Height: 2 - 4 ft

The wave heights will occasionally reach 10 - 12 ft, but rarely higher.

Mean Period: 6 - 8 sec

The wave periods will occasionally reach 10 - 12 sec, but rarely longer.

Principle Direction, from: SSW

WindSea/Swell: 25% / 75%

Winds

Mean Speed: 10 - 15 kts

The winds will occasionally reach 30 - 35 kts, but rarely greater.

Principle Direction, from: WSW

Currents

Mean Speed: 0.25-0.50 kts

The currents will occasionally reach 1.00-1.25 kts, but rarely greater.

Principle Direction, to: ESE

Weather Days

Current Speed > 1.0 knots Mean: 0.6 days Range: 0.0 - 1.5 days p50:1 days p75:1 days p90:1 days

Current Speed > 1.5 knots Mean: 0.1 days Range: 0.0 - 0.3 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

There is a 4 % 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.