

Long Island Wind - August

Latitude: 40.90 N Longitude: 71.00 W

Weather Days

Wave Height > 6.0 ft Mean: 2.7 days Range: 0.7 - 4.7 days p50:3 days p75:1.5 days p90:0.5 days
Wave Height > 7.0 ft Mean: 1.4 days Range: 0.0 - 3.0 days p50:1.5 days p75:0.5 days p90:0.5 days
Wave Height > 8.0 ft Mean: 0.7 days Range: 0.0 - 1.9 days p50:30 days p75:1 days p90:0.5 days
Wind Speed > 15.0 knots Mean: 7.8 days Range: 5.9 - 9.7 days p50:8 days p75:7.5 days p90:5.5 days
Wind Speed > 20.0 knots Mean: 2.2 days Range: 1.0 - 3.4 days p50:3 days p75:1.5 days p90:1 days
Wind Speed > 25.0 knots Mean: 0.5 days Range: 0.0 - 1.0 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 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 2.2 times per month
Wave Height < 7.0 ft	A 1 day or longer window will statistically occur 2.3 times per month A 2 day or longer window will statistically occur 2.1 times per month A 3 day or longer window will statistically occur 1.9 times per month
Wave Height < 8.0 ft	A 1 day or longer window will statistically occur 1.5 times per month A 2 day or longer window will statistically occur 1.4 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 10 - 12 ft, but rarely higher.
Mean Period: 6 - 8 sec
The wave periods will occasionally reach 14 - 16 sec, but rarely longer.
Principle Direction, from: SE
WindSea/Swell: 21% / 79%

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: E

Weather Days

Current Speed > 1.0 knots Mean: 0.1 days Range: 0.0 - 0.4 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

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