

VNE 544 ECR2 Asbury Park NJ Shore Landing - August

Latitude: 40.23 N Longitude: 73.97 W

Weather Days

Wave Height > 4.0 ft Mean: 1.6 days Range: 0.0 - 3.5 days p50:2 days p75:1 days p90:0.5 days

Wave Height > 5.0 ft Mean: 0.7 days Range: 0.0 - 2.1 days p50:0.5 days p75:0.5 days p90:0.5 days

Wave Height > 6.0 ft Mean: 0.3 days Range: 0.0 - 1.1 days p50:0.5 days p75:0.5 days p90:0.5 days

Wind Speed > 20.0 knots Mean: 0.1 days Range: 0.0 - 0.2 days p50:0.5 days p75:0.5 days p90:0.5 days

Wind Speed > 25.0 knots Mean: 0.0 days Range: 0.0 - 0.1 days p50:0.5 days p75:0.5 days p90:0.5 days

Wind Speed > 30.0 knots Mean: 0.0 days Range: 0.0 - 0.0 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: 84%
 5 days or longer: 65%
 7 days or longer: 56%

Wave Height < 5.0 ft 3 days or longer: 94%
 5 days or longer: 85%
 7 days or longer: 79%

Wave Height < 6.0 ft 3 days or longer: 94%
 5 days or longer: 88%
 7 days or longer: 88%

Waves

Mean Height: 1 - 2 ft

The wave heights will occasionally reach 6 - 8 ft, but rarely higher.

Mean Period: 6 - 8 sec

The wave periods will occasionally reach 14 - 16 sec, but rarely longer.

Principle Direction, from: ESE

WindSea/Swell: 3% / 97%

Winds

Mean Speed: 5 - 10 kts

The winds will occasionally reach 15 - 20 kts, but rarely greater.

Principle Direction, from: SSW

Severe Storms

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