

## VNE 544 ECR2 Asbury Park NJ Shore Landing - October

Latitude: 40.23 N Longitude: 73.97 W

### Weather Days

Wave Height > 4.0 ft Mean: 4.0 days Range: 1.7 - 6.3 days p50:4.5 days p75:3.5 days p90:2 days

Wave Height > 5.0 ft Mean: 2.2 days Range: 0.3 - 4.2 days p50:2.5 days p75:1 days p90:0.5 days

Wave Height > 6.0 ft Mean: 1.2 days Range: 0.0 - 2.5 days p50:1 days p75:0.5 days p90:0.5 days

Wind Speed > 20.0 knots Mean: 0.6 days Range: 0.0 - 1.3 days p50:0.5 days p75:0.5 days p90:0.5 days

Wind Speed > 25.0 knots Mean: 0.1 days Range: 0.0 - 0.5 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 - 0.2 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: 75%  
   5 days or longer: 48%  
   7 days or longer: 34%

Wave Height < 5.0 ft            3 days or longer: 87%  
   5 days or longer: 68%  
   7 days or longer: 51%

Wave Height < 6.0 ft            3 days or longer: 87%  
   5 days or longer: 75%  
   7 days or longer: 63%

### Waves

Mean Height: 2 - 4 ft

The wave heights will occasionally reach 8 - 10 ft, but rarely higher.

Mean Period: 8 - 10 sec

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

Principle Direction, from: ESE

WindSea/Swell: 8% / 92%

### Winds

Mean Speed: 5 - 10 kts

The winds will occasionally reach 20 - 25 kts, but rarely greater.

Principle Direction, from: WNW

### Severe Storms

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