

VNE 522 ECR Midpoint - May

Latitude: 40.62 N Longitude: 71.98 W

Weather Days

Wave Height > 4.0 ft Mean: 13.0 days Range: 9.6 - 16.5 days p50:14 days p75:11.5 days p90:8.5 days

Wave Height > 5.0 ft Mean: 7.5 days Range: 4.8 - 10.2 days p50:8 days p75:6 days p90:4 days

Wave Height > 6.0 ft Mean: 4.2 days Range: 2.2 - 6.3 days p50:4.5 days p75:3 days p90:2 days

Wind Speed > 20.0 knots Mean: 3.5 days Range: 1.9 - 5.1 days p50:4 days p75:2.5 days p90:1.5 days

Wind Speed > 25.0 knots Mean: 0.9 days Range: 0.0 - 1.8 days p50:1 days p75:0.5 days p90:0.5 days

Wind Speed > 30.0 knots Mean: 0.2 days Range: 0.0 - 0.5 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: 32%
 5 days or longer: 6%
 7 days or longer: 2%

Wave Height < 5.0 ft 3 days or longer: 57%
 5 days or longer: 21%
 7 days or longer: 8%

Wave Height < 6.0 ft 3 days or longer: 69%
 5 days or longer: 40%
 7 days or longer: 24%

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 12 - 14 sec, but rarely longer.

Principle Direction, from: SSW

WindSea/Swell: 24% / 76%

Winds

Mean Speed: 10 - 15 kts

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

Principle Direction, from: SW

Severe Storms

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