

Orsted OCW02 - May

Latitude: 39.06 N Longitude: 74.47 W

Weather Days

Wave Height > 3.0 ft Mean: 14.9 days Range: 11.5 - 18.3 days p10:19 days p50:15.5 days p90:10.5 days

Wave Height > 4.0 ft Mean: 7.9 days Range: 5.2 - 10.7 days p10:12 days p50:8.5 days p90:4.5 days

Wave Height > 5.0 ft Mean: 3.7 days Range: 1.6 - 5.9 days p10:6 days p50:4 days p90:2 days

Wind Speed > 20.0 knots Mean: 1.2 days Range: 0.4 - 2.0 days p10:2.5 days p50:1.5 days p90:0.5 days

Wind Speed > 25.0 knots Mean: 0.2 days Range: 0.0 - 0.4 days p10:1 days p50:0.5 days p90:0.5 days

Wind Speed > 30.0 knots Mean: 0.0 days Range: 0.0 - 0.2 days p10:0.5 days p50:0.5 days p90:0.5 days

Working Window Probability

Wave Height < 3.0 ft 3 days or longer: 42%

5 days or longer: 9%

7 days or longer: 3%

Wave Height < 4.0 ft 3 days or longer: 57%

5 days or longer: 21%

7 days or longer: 11%

Wave Height < 5.0 ft 3 days or longer: 74%

5 days or longer: 48%

7 days or longer: 33%

Waves

Mean Height: 2 - 4 ft

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

Mean Period: 6 - 8 sec

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

Principle Direction, from: E

WindSea/Swell: 16% / 84%

Winds

Mean Speed: 10 - 15 kts

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

Principle Direction, from: SSW

Currents

Mean Speed: 0.25-0.50 kts

The currents will occasionally reach 1.50-1.75 kts, but rarely greater.

Principle Direction, to: NE

Current Speed > 1.0 knots Mean: 1.2 days Range: 0.2 - 2.3 days p10:4 days p50:1.25 days p80:1 days

Current Speed > 1.5 knots Mean: 0.3 days Range: 0.0 - 0.9 days p10:2 days p50:0.3125 days p80:1 days

Current Speed > 2.0 knots Mean: 0.0 days Range: 0.0 - 0.0 days p10:1 days p50:0 days p80:1 days

Severe Storms

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