Orsted SJW02 - May

Latitude: 38.61 N Longitude: 74.67 W

Weather Days

Wave Height > 3.0 ft Mean: 16.2 days Range: 12.8 - 19.7 days p10:20 days p50:16.5 days p90:12 days
Wave Height > 4.0 ft Mean: 9.0 days Range: 5.9 - 12.2 days p10:13 days p50:9 days p90:5 days
Wave Height > 5.0 ft Mean: 4.6 days Range: 2.2 - 6.9 days p10:9 days p50:4.5 days p90:2.5 days

Wind Speed > 20.0 knots Mean: 1.6 days Range: 0.6 - 2.6 days p10:3 days p50:1.5 days p90:0.5 days
Wind Speed > 25.0 knots Mean: 0.2 days Range: 0.0 - 0.5 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: 32%
	5 days or longer: 7%
	7 days or longer: 1%
Wave Height < 4.0 ft	3 days or longer: 55%
	5 days or longer: 19%
	7 days or longer: 8%
Wave Height < 5.0 ft	3 days or longer: 71%
	5 days or longer: 42%
	7 days or longer: 29%

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: 17% / 83%

Winds

Mean Speed: 10 - 15 kts
The winds will occasionally reach 25 - 30 kts, but rarely greater.
Principle Direction, from: SSW

Currents

Mean Speed: 0.25-0.50 kts
The currents will occasionally reach 1.25-1.50 kts, but rarely greater.
Principle Direction, to: NE

Current Speed > 1.0 knots Mean: 1.2 days Range: 0.1 - 2.4 days p10:4 days p50:1.25 days p80:1 days
Current Speed > 1.5 knots Mean: 0.2 days Range: 0.0 - 0.8 days p10:2 days p50:0.25 days p80:1 days
Current Speed > 2.0 knots Mean: 0.1 days Range: 0.0 - 0.3 days p10:1 days p50:0.0625 days p80:1 days

Severe Storms

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