Orsted SJW02 - April

Latitude: 38.61 N Longitude: 74.67 W

Weather Days

Wave Height > 3.0 ft Mean: 17.2 days Range: 13.4 - 21.1 days p10:23 days p50:17.5 days p90:13 days
Wave Height > 4.0 ft Mean: 11.3 days Range: 7.1 - 15.4 days p10:18.5 days p50:11 days p90:8 days
Wave Height > 5.0 ft Mean: 7.0 days Range: 3.4 - 10.5 days p10:13.5 days p50:7 days p90:3 days

Wind Speed > 20.0 knots Mean: 3.6 days Range: 1.7 - 5.6 days p10:7 days p50:3 days p90:1.5 days
Wind Speed > 25.0 knots Mean: 1.0 days Range: 0.1 - 1.9 days p10:2.5 days p50:1 days p90:0.5 days
Wind Speed > 30.0 knots Mean: 0.2 days Range: 0.0 - 0.5 days p10:1 days p50:0.5 days p90:0.5 days

Working Window Probability

Wave Height < 3.0 ft	3 days or longer: 27%
	5 days or longer: 4%
	7 days or longer: 1%
Wave Height < 4.0 ft	3 days or longer: 50%
	5 days or longer: 12%
	7 days or longer: 6%
Wave Height < 5.0 ft	3 days or longer: 64%
	5 days or longer: 21%
	7 days or longer: 12%

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: E
WindSea/Swell: 26% / 74%

Winds

Mean Speed: 10 - 15 kts
The winds will occasionally reach 30 - 35 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: 1.6 days Range: 0.1 - 3.2 days p10:6 days p50:1.625 days p80:2 days
Current Speed > 1.5 knots Mean: 0.2 days Range: 0.0 - 0.6 days p10:2 days p50:0.1875 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

There is a 9 % chance of a storm occurring in the month with winds peaking above 34 kts.
There is little chance of a storm occuring in the month with waves peaking at 4m (13 ft) or greater.