OCS A-0544 - July

Latitude: 40.24 N Longitude: 73.08 W

Weather Days

Wave Height > 4.0 ft Mean: 8.1 days Range: 4.8 - 11.5 days p50:8.5 days p75:6 days p90:5 days
Wave Height > 5.0 ft Mean: 3.4 days Range: 1.4 - 5.4 days p50:4 days p75:2 days p90:1 days
Wave Height > 6.0 ft Mean: 1.4 days Range: 0.2 - 2.7 days p50:1.5 days p75:0.5 days p90:0.5 days

Wind Speed > 20.0 knots Mean: 1.8 days Range: 0.8 - 2.7 days p50:2 days p75:1 days p90:0.5 days
Wind Speed > 25.0 knots Mean: 0.2 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 - 0.1 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: 46%
	5 days or longer: 14%
	7 days or longer: 7%
Wave Height < 5.0 ft	3 days or longer: 68%
	5 days or longer: 34%
	7 days or longer: 23%
Wave Height < 6.0 ft	3 days or longer: 80%
	5 days or longer: 56%
	7 days or longer: 47%

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: S
WindSea/Swell: 18% / 82%

Winds

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

Severe Storms

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