# OCS A-0544 - September

**Latitude: 40.24 N  Longitude: 73.08 W**

## Weather Days

Wave Height > 4.0 ft  Mean: 11.4 days  Range: 7.4 - 15.3 days  p50:13.5 days  p75:10 days  p90:8.5 days
Wave Height > 5.0 ft  Mean: 6.7 days  Range: 3.0 - 10.3 days  p50:7.5 days  p75:5.5 days  p90:4.5 days
Wave Height > 6.0 ft  Mean: 3.9 days  Range: 1.0 - 6.8 days  p50:4.5 days  p75:3 days  p90:2 days

Wind Speed > 20.0 knots  Mean: 3.6 days  Range: 2.2 - 4.9 days  p50:4 days  p75:2.5 days  p90:2 days
Wind Speed > 25.0 knots  Mean: 0.9 days  Range: 0.3 - 1.6 days  p50:1 days  p75:0.5 days  p90:0.5 days
Wind Speed > 30.0 knots  Mean: 0.3 days  Range: 0.0 - 0.6 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: 38% |
| | 5 days or longer: 7% |
| | 7 days or longer: 1% |
| Wave Height < 5.0 ft | 3 days or longer: 57% |
| | 5 days or longer: 21% |
| | 7 days or longer: 12% |
| Wave Height < 6.0 ft | 3 days or longer: 74% |
| | 5 days or longer: 36% |
| | 7 days or longer: 25% |

## Waves

Mean Height:  2 - 4  ft
The wave heights will occasionally reach 12 - 14 ft, but rarely higher.
Mean Period:  8 - 10 sec
The wave periods will occasionally reach 14 - 16 sec, but rarely longer.
Principle Direction, from:  ESE
WindSea/Swell: 20% / 80%

## Winds

Mean Speed: 10 - 15 kts
The winds will occasionally reach 30 - 35 kts, but rarely greater.
Principle Direction, from:  SSW

## Severe Storms

There is a  20 % chance of a storm occurring in the month with winds peaking above 34 kts.
There is a  29 % chance of a storm occurring in the month with waves peaking at 4m (13 ft) or greater.