OCS A-0522 - October

Latitude: 40.67 N Longitude: 70.26 W

Weather Days

Wave Height > 4.0 ft Mean: 18.1 days Range: 15.4 - 20.9 days p50:19 days p75:17 days p90:16 days Wave Height > 5.0 ft Mean: 13.1 days Range: 10.3 - 15.8 days p50:14 days p75:12.5 days p90:10 days Wave Height > 6.0 ft Mean: 8.9 days Range: 6.2 - 11.5 days p50:9.5 days p75:8.5 days p90:5.5 days

Wind Speed > 20.0 knots Mean: 7.0 days Range: 5.4 - 8.7 days p50:7.5 days p75:6.5 days p90:4.5 days Wind Speed > 25.0 knots Mean: 2.5 days Range: 1.3 - 3.7 days p50:3 days p75:2 days p90:1 days Wind Speed > 30.0 knots Mean: 0.9 days Range: 0.2 - 1.6 days p50:1 days p75:0.5 days p90:0.5 days

Working Window Probability

Wave Height < 4.0 ft 3 days or longer: 23%

5 days or longer: 2% 7 days or longer: 0%

Wave Height < 5.0 ft 3 days or longer: 37%

5 days or longer: 6%7 days or longer: 3%

Wave Height < 6.0 ft 3 days or longer: 49%

5 days or longer: 15%7 days or longer: 8%

Waves

Mean Height: 4 - 6 ft

The wave heights will occasionally reach 14 - 16 ft, but rarely higher.

Mean Period: 6 - 8 sec

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

Principle Direction, from: SE WindSea/Swell: 34% / 66%

Winds

Mean Speed: 10 - 15 kts

The winds will occasionally reach 35 - 40 kts, but rarely greater.

Principle Direction, from: W

Severe Storms

There is a $\,$ 50 % chance of a storm occurring in the month with winds peaking above 34 kts.

There is a 69 % chance of a storm occurring in the month with waves peaking at 4m (13 ft) or greater.