OCS A-0522 - September

Latitude: 40.67 N Longitude: 70.26 W

Weather Days

Wave Height > 4.0 ft Mean: 15.0 days Range: 11.2 - 18.8 days p50:17.5 days p75:14.5 days p90:12.5 days Wave Height > 5.0 ft Mean: 9.8 days Range: 6.1 - 13.5 days p50:11.5 days p75:9 days p90:6.5 days Wave Height > 6.0 ft Mean: 6.2 days Range: 3.1 - 9.2 days p50:7 days p75:4.5 days p90:3.5 days

Wind Speed > 20.0 knots Mean: 3.4 days Range: 2.2 - 4.6 days p50:3.5 days p75:3 days p90:2 days Wind Speed > 25.0 knots Mean: 0.9 days Range: 0.2 - 1.6 days p50:1 days p75:0.5 days p90:0.5 days Wind Speed > 30.0 knots Mean: 0.2 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: 32%

5 days or longer: 3%7 days or longer: 0%

Wave Height < 5.0 ft 3 days or longer: 47%

5 days or longer: 13%7 days or longer: 2%

Wave Height < 6.0 ft 3 days or longer: 63%

5 days or longer: 23% 7 days or longer: 11%

Waves

Mean Height: 4 - 6 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: SE WindSea/Swell: 20% / 80%

Winds

Mean Speed: 10 - 15 kts

The winds will occasionally reach 25 - 30 kts, but rarely greater.

Principle Direction, from: SW

Severe Storms

There is a $\,$ 17 $\,$ % chance of a storm occurring in the month with winds peaking above 34 kts.

There is a 40 % chance of a storm occurring in the month with waves peaking at 4m (13 ft) or greater.