OCS A-0522 - February

Latitude: 40.67 N Longitude: 70.26 W

Weather Days

Wave Height > 4.0 ft Mean: 21.4 days Range: 19.1 - 23.8 days p50:22.5 days p75:20.5 days p90:19 days Wave Height > 5.0 ft Mean: 17.3 days Range: 14.7 - 19.9 days p50:18 days p75:16.5 days p90:14.5 days Wave Height > 6.0 ft Mean: 13.2 days Range: 10.3 - 16.2 days p50:14 days p75:12 days p90:9 days

Wind Speed > 20.0 knots Mean: 11.4 days Range: 9.1 - 13.7 days p50:11.5 days p75:10 days p90:8.5 days Wind Speed > 25.0 knots Mean: 5.4 days Range: 3.6 - 7.2 days p50:5 days p75:4.5 days p90:3 days Wind Speed > 30.0 knots Mean: 1.8 days Range: 0.9 - 2.8 days p50:2 days p75:1.5 days p90:1 days

Working Window Probability

Wave Height < 4.0 ft 3 days or longer: 8%

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

Wave Height < 5.0 ft 3 days or longer: 18%

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

Wave Height < 6.0 ft 3 days or longer: 30%

5 days or longer: 3% 7 days or longer: 1%

Waves

Mean Height: 4 - 6 ft

The wave heights will occasionally reach 16 - 18 ft, but rarely higher.

Mean Period: 6 - 8 sec

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

Principle Direction, from: WSW WindSea/Swell: 43% / 57%

Winds

Mean Speed: 15 - 20 kts

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

Principle Direction, from: NW

Severe Storms

There is a $\,89\,\%$ chance of a storm occurring in the month with winds peaking above $\,34\,$ kts.

There is a 103 % chance of a storm occurring in the month with waves peaking at 4m (13 ft) or greater.