

West Coast Ocean Wind OCS-P0564 - April

Latitude: 33.50 N Longitude: 122.00 W

Weather Days

Wave Height > 6.0 ft Mean: 20.2 days Range: 17.5 - 23.0 days p50:27.5 days p75:25.5 days p90:24 days

Wave Height > 7.0 ft Mean: 17.0 days Range: 13.3 - 20.7 days p50:23 days p75:21 days p90:18.5 days

Wave Height > 8.0 ft Mean: 13.7 days Range: 9.5 - 17.9 days p50:19.5 days p75:17.5 days p90:13 days

Wind Speed > 10.0 knots Mean: 25.1 days Range: 22.6 - 27.5 days p50:25.5 days p75:24 days p90:21.5 days

Wind Speed > 15.0 knots Mean: 18.0 days Range: 14.0 - 21.9 days p50:18.5 days p75:15 days p90:13 days

Wind Speed > 20.0 knots Mean: 10.4 days Range: 6.7 - 14.1 days p50:10.5 days p75:8 days p90:5.5 days

Working Window

Wave Height < 6.0 ft
A 1 day or longer window will statistically occur 1.5 times per month
A 2 day or longer window will statistically occur 0.5 times per month
A 3 day or longer window will statistically occur 0.2 times per month

Wave Height < 7.0 ft
A 1 day or longer window will statistically occur 2.2 times per month
A 2 day or longer window will statistically occur 1.3 times per month
A 3 day or longer window will statistically occur 0.7 times per month

Wave Height < 8.0 ft
A 1 day or longer window will statistically occur 3.2 times per month
A 2 day or longer window will statistically occur 1.6 times per month
A 3 day or longer window will statistically occur 1.1 times per month

Waves

Mean Height: 8 - 10 ft

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

Mean Period: 10 - 12 sec

The wave periods will occasionally reach 22 - 24 sec, but rarely longer.

Principle Direction, from: WNW

WindSea/Swell: 13% / 87%

Winds

Mean Speed: 15 - 20 kts

The winds will occasionally reach 30 - 35 kts, but rarely greater.

Principle Direction, from: NNW

Severe Storms

There is a 3 % chance of a storm occurring in the month with winds peaking above 34 kts.

There is a 11 % chance of a storm occurring in the month with waves exceeding 3 m (10 ft) above the mean wave height.