

West Coast Ocean Wind OCS-P0564 - August

Latitude: 33.50 N Longitude: 122.00 W

Weather Days

Wave Height > 6.0 ft Mean: 15.5 days Range: 10.4 - 20.6 days p50:22.5 days p75:18 days p90:15 days

Wave Height > 7.0 ft Mean: 11.2 days Range: 6.1 - 16.4 days p50:15 days p75:10.5 days p90:8 days

Wave Height > 8.0 ft Mean: 7.2 days Range: 2.9 - 11.5 days p50:9 days p75:5.5 days p90:3.5 days

Wind Speed > 10.0 knots Mean: 23.6 days Range: 20.1 - 27.2 days p50:24 days p75:21.5 days p90:18 days

Wind Speed > 15.0 knots Mean: 14.9 days Range: 10.2 - 19.5 days p50:16 days p75:12.5 days p90:9.5 days

Wind Speed > 20.0 knots Mean: 4.9 days Range: 2.1 - 7.7 days p50:5 days p75:3 days p90:1.5 days

Working Window

Wave Height < 6.0 ft
A 1 day or longer window will statistically occur 2.4 times per month
A 2 day or longer window will statistically occur 1.5 times per month
A 3 day or longer window will statistically occur 0.9 times per month

Wave Height < 7.0 ft
A 1 day or longer window will statistically occur 3.5 times per month
A 2 day or longer window will statistically occur 2.7 times per month
A 3 day or longer window will statistically occur 2.0 times per month

Wave Height < 8.0 ft
A 1 day or longer window will statistically occur 3.9 times per month
A 2 day or longer window will statistically occur 3.0 times per month
A 3 day or longer window will statistically occur 2.5 times per month

Waves

Mean Height: 6 - 8 ft

The wave heights will occasionally reach 12 - 14 ft, but rarely higher.

Mean Period: 8 - 10 sec

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

Principle Direction, from: NNW

WindSea/Swell: 23% / 77%

Winds

Mean Speed: 10 - 15 kts

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

Principle Direction, from: NNW

Severe Storms

Severe storms with gale force winds and extreme waves are not expected during this month.