

## West Coast Ocean Wind OCS-P0564 - July

Latitude: 33.50 N Longitude: 122.00 W

### Weather Days

Wave Height > 6.0 ft Mean: 18.2 days Range: 14.7 - 21.7 days p50:23 days p75:22 days p90:19 days

Wave Height > 7.0 ft Mean: 13.6 days Range: 8.4 - 18.8 days p50:16 days p75:14 days p90:11.5 days

Wave Height > 8.0 ft Mean: 9.5 days Range: 4.0 - 14.9 days p50:10.5 days p75:7 days p90:4.5 days

Wind Speed > 10.0 knots Mean: 22.5 days Range: 19.1 - 25.9 days p50:23 days p75:21 days p90:18 days

Wind Speed > 15.0 knots Mean: 15.1 days Range: 10.4 - 19.7 days p50:15 days p75:12.5 days p90:9 days

Wind Speed > 20.0 knots Mean: 6.0 days Range: 2.1 - 9.8 days p50:5.5 days p75:4 days p90:2.5 days

### Working Window

Wave Height < 6.0 ft  
A 1 day or longer window will statistically occur 2.3 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 0.7 times per month

Wave Height < 7.0 ft  
A 1 day or longer window will statistically occur 3.6 times per month  
A 2 day or longer window will statistically occur 2.6 times per month  
A 3 day or longer window will statistically occur 1.9 times per month

Wave Height < 8.0 ft  
A 1 day or longer window will statistically occur 3.4 times per month  
A 2 day or longer window will statistically occur 2.9 times per month  
A 3 day or longer window will statistically occur 2.3 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: 26% / 74%

### Winds

Mean Speed: 15 - 20 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.