

RWE Humboldt Bay OCS-P-0561 - April

Latitude: 41.00 N Longitude: 125.00 W

Weather Days

Wave Height > 6.0 ft Mean: 20.3 days Range: 17.6 - 23.1 days p50:26 days p75:24.5 days p90:20.5 days

Wave Height > 7.0 ft Mean: 16.6 days Range: 12.8 - 20.4 days p50:22 days p75:20.5 days p90:16 days

Wave Height > 8.0 ft Mean: 12.5 days Range: 8.2 - 16.8 days p50:19 days p75:15 days p90:12 days

Wind Speed > 10.0 knots Mean: 21.0 days Range: 18.6 - 23.5 days p50:21.5 days p75:19.5 days p90:18 days

Wind Speed > 15.0 knots Mean: 13.7 days Range: 10.7 - 16.6 days p50:13.5 days p75:12 days p90:10.5 days

Wind Speed > 20.0 knots Mean: 7.5 days Range: 4.8 - 10.1 days p50:8 days p75:5.5 days p90:4.5 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 0.7 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 2.5 times per month
A 2 day or longer window will statistically occur 1.1 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 3.3 times per month
A 2 day or longer window will statistically occur 1.8 times per month
A 3 day or longer window will statistically occur 1.0 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: 6% / 94%

Winds

Mean Speed: 10 - 15 kts

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

Principle Direction, from: NNW

Severe Storms

There is a 9 % chance of a storm occurring in the month with winds peaking above 34 kts.

There is a 23 % chance of a storm occurring in the month with waves exceeding 3 m (10 ft) above the mean wave height.