

RWE Humboldt Bay OCS-P-0561 - December

Latitude: 41.00 N Longitude: 125.00 W

Weather Days

Wave Height > 6.0 ft Mean: 23.6 days Range: 22.0 - 25.3 days p50:28.5 days p75:26.5 days p90:25.5 days

Wave Height > 7.0 ft Mean: 21.3 days Range: 18.8 - 23.8 days p50:27.5 days p75:24 days p90:23 days

Wave Height > 8.0 ft Mean: 18.7 days Range: 15.6 - 21.8 days p50:25.5 days p75:22 days p90:21 days

Wind Speed > 10.0 knots Mean: 20.9 days Range: 17.4 - 24.4 days p50:21.5 days p75:19 days p90:17.5 days

Wind Speed > 15.0 knots Mean: 15.1 days Range: 11.5 - 18.8 days p50:16.5 days p75:13.5 days p90:9.5 days

Wind Speed > 20.0 knots Mean: 9.7 days Range: 6.3 - 13.1 days p50:10.5 days p75:7 days p90:5.5 days

Working Window

Wave Height < 6.0 ft
A 1 day or longer window will statistically occur 0.7 times per month
A 2 day or longer window will statistically occur 0.2 times per month
A 3 day or longer window will statistically occur 0.0 times per month

Wave Height < 7.0 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 < 8.0 ft
A 1 day or longer window will statistically occur 1.9 times per month
A 2 day or longer window will statistically occur 0.9 times per month
A 3 day or longer window will statistically occur 0.6 times per month

Waves

Mean Height: 10 - 12 ft

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

Mean Period: 12 - 14 sec

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

Principle Direction, from: WNW

WindSea/Swell: 4% / 96%

Winds

Mean Speed: 15 - 20 kts

The winds will occasionally reach 45 - 50 kts, but rarely greater.

Principle Direction, from: N

Severe Storms

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

There is a 38 % chance of a storm occurring in the month with waves exceeding 3 m (10 ft) above the mean wave height.