

## RWE Humboldt Bay OCS-P-0561 - February

Latitude: 41.00 N Longitude: 125.00 W

### Weather Days

Wave Height > 6.0 ft Mean: 22.7 days Range: 20.8 - 24.5 days p50:29 days p75:28 days p90:25 days

Wave Height > 7.0 ft Mean: 20.1 days Range: 17.2 - 22.9 days p50:27 days p75:24.5 days p90:22 days

Wave Height > 8.0 ft Mean: 16.6 days Range: 12.5 - 20.8 days p50:25 days p75:21.5 days p90:19 days

Wind Speed > 10.0 knots Mean: 20.9 days Range: 17.9 - 23.9 days p50:21.5 days p75:20.5 days p90:16.5 days

Wind Speed > 15.0 knots Mean: 14.8 days Range: 11.3 - 18.4 days p50:15.5 days p75:12 days p90:11 days

Wind Speed > 20.0 knots Mean: 9.1 days Range: 5.6 - 12.5 days p50:9.5 days p75:6 days p90:5 days

### Working Window

Wave Height < 6.0 ft  
A 1 day or longer window will statistically occur 0.6 times per month  
A 2 day or longer window will statistically occur 0.1 times per month  
A 3 day or longer window will statistically occur 0.1 times per month

Wave Height < 7.0 ft  
A 1 day or longer window will statistically occur 1.1 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 0.1 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 0.4 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: 5% / 95%

### Winds

Mean Speed: 10 - 15 kts

The winds will occasionally reach 40 - 45 kts, but rarely greater.

Principle Direction, from: S

### Severe Storms

There is a 43 % chance of a storm occurring in the month with winds peaking above 34 kts.

There is a 37 % chance of a storm occurring in the month with waves exceeding 3 m (10 ft) above the mean wave height.