

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

Latitude: 41.00 N Longitude: 125.00 W

### Weather Days

Wave Height > 6.0 ft Mean: 16.7 days Range: 12.8 - 20.6 days p50:24 days p75:21 days p90:17 days

Wave Height > 7.0 ft Mean: 13.3 days Range: 9.0 - 17.5 days p50:18 days p75:16 days p90:11.5 days

Wave Height > 8.0 ft Mean: 9.6 days Range: 5.3 - 13.8 days p50:13 days p75:10 days p90:7.5 days

Wind Speed > 10.0 knots Mean: 22.8 days Range: 20.0 - 25.6 days p50:23.5 days p75:22 days p90:19 days

Wind Speed > 15.0 knots Mean: 16.7 days Range: 12.9 - 20.4 days p50:17 days p75:15 days p90:11.5 days

Wind Speed > 20.0 knots Mean: 10.2 days Range: 6.1 - 14.3 days p50:10.5 days p75:7.5 days p90:4.5 days

### Working Window

Wave Height < 6.0 ft  
A 1 day or longer window will statistically occur 2.6 times per month  
A 2 day or longer window will statistically occur 1.2 times per month  
A 3 day or longer window will statistically occur 0.5 times per month

Wave Height < 7.0 ft  
A 1 day or longer window will statistically occur 3.9 times per month  
A 2 day or longer window will statistically occur 2.1 times per month  
A 3 day or longer window will statistically occur 1.3 times per month

Wave Height < 8.0 ft  
A 1 day or longer window will statistically occur 4.9 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 2.0 times per month

### Waves

Mean Height: 6 - 8 ft

The wave heights will occasionally reach 14 - 16 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: 20% / 80%

### Winds

Mean Speed: 15 - 20 kts

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

Principle Direction, from: NNW

### Severe Storms

There is a 40 % chance of a storm occurring in the month with winds peaking above 34 kts.

There is little chance of a storm occurring in the month with waves peaking at 4m (13 ft) or greater.