

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

Latitude: 41.00 N Longitude: 125.00 W

### Weather Days

Wave Height > 6.0 ft Mean: 15.2 days Range: 11.4 - 19.0 days p50:19.5 days p75:18 days p90:16 days

Wave Height > 7.0 ft Mean: 11.5 days Range: 8.1 - 14.9 days p50:15.5 days p75:13 days p90:11 days

Wave Height > 8.0 ft Mean: 8.2 days Range: 5.2 - 11.2 days p50:11 days p75:9 days p90:8 days

Wind Speed > 10.0 knots Mean: 20.7 days Range: 18.1 - 23.2 days p50:20.5 days p75:19 days p90:17.5 days

Wind Speed > 15.0 knots Mean: 14.6 days Range: 11.3 - 17.8 days p50:15 days p75:12.5 days p90:11 days

Wind Speed > 20.0 knots Mean: 9.1 days Range: 6.1 - 12.1 days p50:9.5 days p75:7 days p90:6 days

### Working Window

Wave Height < 6.0 ft  
A 1 day or longer window will statistically occur 3.4 times per month  
A 2 day or longer window will statistically occur 1.8 times per month  
A 3 day or longer window will statistically occur 1.1 times per month

Wave Height < 7.0 ft  
A 1 day or longer window will statistically occur 4.1 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 1.8 times per month

Wave Height < 8.0 ft  
A 1 day or longer window will statistically occur 4.5 times per month  
A 2 day or longer window will statistically occur 3.2 times per month  
A 3 day or longer window will statistically occur 2.4 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: 19% / 81%

### 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 11 % chance of a storm occurring in the month with winds peaking above 34 kts.

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