

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

Latitude: 41.00 N Longitude: 125.00 W

### Weather Days

Wave Height > 6.0 ft Mean: 22.6 days Range: 20.6 - 24.5 days p50:28.5 days p75:27 days p90:25.5 days  
Wave Height > 7.0 ft Mean: 19.6 days Range: 16.6 - 22.7 days p50:26.5 days p75:24.5 days p90:21.5 days  
Wave Height > 8.0 ft Mean: 16.5 days Range: 12.7 - 20.3 days p50:24.5 days p75:22 days p90:18 days  
  
Wind Speed > 10.0 knots Mean: 20.4 days Range: 17.1 - 23.7 days p50:21 days p75:19 days p90:16 days  
Wind Speed > 15.0 knots Mean: 14.2 days Range: 10.3 - 18.2 days p50:15 days p75:13 days p90:8.5 days  
Wind Speed > 20.0 knots Mean: 8.6 days Range: 5.1 - 12.1 days p50:8.5 days p75:7.5 days p90:4 days

### Working Window

|                      |   |
|----------------------|---|
| Wave Height < 6.0 ft | A 1 day or longer window will statistically occur 0.7 times per month<br>A 2 day or longer window will statistically occur 0.2 times per month<br>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 1.3 times per month<br>A 2 day or longer window will statistically occur 0.5 times per month<br>A 3 day or longer window will statistically occur 0.3 times per month |
| Wave Height < 8.0 ft | A 1 day or longer window will statistically occur 2.0 times per month<br>A 2 day or longer window will statistically occur 1.0 times per month<br>A 3 day or longer window will statistically occur 0.5 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: 3% / 97%

### 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 61 % chance of a storm occurring in the month with winds peaking above 34 kts.  
There is a 48 % chance of a storm occurring in the month with waves exceeding 3 m (10 ft) above the mean wave height.