

## Even Keel Wind Project - July

Latitude: 35.53 N Longitude: 121.68 W

### Weather Days

Wave Height > 6.0 ft Mean: 12.8 days Range: 8.4 - 17.3 days p50:18 days p75:15.5 days p90:11.5 days

Wave Height > 7.0 ft Mean: 8.0 days Range: 3.3 - 12.8 days p50:10 days p75:7 days p90:4 days

Wave Height > 8.0 ft Mean: 4.0 days Range: 0.3 - 7.7 days p50:4.5 days p75:2 days p90:0.5 days

Wind Speed > 10.0 knots Mean: 20.5 days Range: 16.9 - 24.1 days p50:20.5 days p75:18.5 days p90:16 days

Wind Speed > 15.0 knots Mean: 11.7 days Range: 7.9 - 15.6 days p50:12 days p75:9.5 days p90:7 days

Wind Speed > 20.0 knots Mean: 3.2 days Range: 1.5 - 4.9 days p50:3.5 days p75:2 days p90:1 days

### Working Window

Wave Height < 6.0 ft  
A 1 day or longer window will statistically occur 3.5 times per month  
A 2 day or longer window will statistically occur 2.3 times per month  
A 3 day or longer window will statistically occur 1.5 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 3.4 times per month  
A 3 day or longer window will statistically occur 2.6 times per month

Wave Height < 8.0 ft  
A 1 day or longer window will statistically occur 3.1 times per month  
A 2 day or longer window will statistically occur 2.7 times per month  
A 3 day or longer window will statistically occur 2.3 times per month

### Waves

Mean Height: 6 - 8 ft

The wave heights will occasionally reach 10 - 12 ft, but rarely higher.

Mean Period: 8 - 10 sec

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

Principle Direction, from: NW

WindSea/Swell: 12% / 88%

### Winds

Mean Speed: 10 - 15 kts

The winds will occasionally reach 20 - 25 kts, but rarely greater.

Principle Direction, from: NW

### Severe Storms

Severe storms with gale force winds and extreme waves are not expected during this month.