

## Even Keel Wind Project - June

Latitude: 35.53 N Longitude: 121.68 W

### Weather Days

Wave Height > 6.0 ft Mean: 17.7 days Range: 13.6 - 21.8 days p50:24 days p75:21 days p90:17.5 days

Wave Height > 7.0 ft Mean: 13.7 days Range: 9.4 - 17.9 days p50:18 days p75:15 days p90:11 days

Wave Height > 8.0 ft Mean: 9.3 days Range: 5.1 - 13.5 days p50:12 days p75:7.5 days p90:7 days

Wind Speed > 10.0 knots Mean: 22.7 days Range: 19.4 - 26.1 days p50:23.5 days p75:20.5 days p90:18.5 days

Wind Speed > 15.0 knots Mean: 15.9 days Range: 11.7 - 20.0 days p50:16.5 days p75:14 days p90:9 days

Wind Speed > 20.0 knots Mean: 6.6 days Range: 3.9 - 9.2 days p50:7.5 days p75:5.5 days p90:3 days

### Working Window

Wave Height < 6.0 ft  
A 1 day or longer window will statistically occur 2.1 times per month  
A 2 day or longer window will statistically occur 1.1 times per month  
A 3 day or longer window will statistically occur 0.7 times per month

Wave Height < 7.0 ft  
A 1 day or longer window will statistically occur 3.2 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 4.2 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 2.0 times per month

### Waves

Mean Height: 6 - 8 ft

The wave heights will occasionally reach 12 - 14 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: 17% / 83%

### Winds

Mean Speed: 15 - 20 kts

The winds will occasionally reach 25 - 30 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.