

## Even Keel Wind Project - September

Latitude: 35.53 N Longitude: 121.68 W

### Weather Days

Wave Height > 6.0 ft Mean: 9.6 days Range: 5.7 - 13.4 days p50:16 days p75:13.5 days p90:10 days

Wave Height > 7.0 ft Mean: 5.0 days Range: 1.2 - 8.8 days p50:9 days p75:5 days p90:4 days

Wave Height > 8.0 ft Mean: 2.5 days Range: 0.0 - 5.5 days p50:5.5 days p75:2 days p90:0.5 days

Wind Speed > 10.0 knots Mean: 18.2 days Range: 15.1 - 21.2 days p50:18.5 days p75:16.5 days p90:15 days

Wind Speed > 15.0 knots Mean: 8.0 days Range: 5.1 - 10.9 days p50:8 days p75:6 days p90:5 days

Wind Speed > 20.0 knots Mean: 1.6 days Range: 0.5 - 2.6 days p50:1.5 days p75:1 days p90:0.5 days

### Working Window

Wave Height < 6.0 ft  
A 1 day or longer window will statistically occur 4.1 times per month  
A 2 day or longer window will statistically occur 2.5 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 4.3 times per month  
A 2 day or longer window will statistically occur 3.6 times per month  
A 3 day or longer window will statistically occur 2.8 times per month

Wave Height < 8.0 ft  
A 1 day or longer window will statistically occur 3.4 times per month  
A 2 day or longer window will statistically occur 2.9 times per month  
A 3 day or longer window will statistically occur 2.5 times per month

### Waves

Mean Height: 6 - 8 ft

The wave heights will occasionally reach 12 - 14 ft, but rarely higher.

Mean Period: 10 - 12 sec

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

Principle Direction, from: NW

WindSea/Swell: 4% / 96%

### 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.