

Even Keel Wind Project - April

Latitude: 35.53 N Longitude: 121.68 W

Weather Days

Wave Height > 6.0 ft Mean: 17.8 days Range: 14.2 - 21.3 days p50:25 days p75:23 days p90:21 days

Wave Height > 7.0 ft Mean: 13.7 days Range: 9.3 - 18.0 days p50:20 days p75:18.5 days p90:14.5 days

Wave Height > 8.0 ft Mean: 10.2 days Range: 5.8 - 14.6 days p50:16 days p75:14.5 days p90:10 days

Wind Speed > 10.0 knots Mean: 21.7 days Range: 19.0 - 24.3 days p50:21.5 days p75:20 days p90:18.5 days

Wind Speed > 15.0 knots Mean: 13.1 days Range: 9.7 - 16.5 days p50:13 days p75:11 days p90:9 days

Wind Speed > 20.0 knots Mean: 5.2 days Range: 2.7 - 7.7 days p50:5.5 days p75:3.5 days p90:2.5 days

Working Window

Wave Height < 6.0 ft
A 1 day or longer window will statistically occur 1.8 times per month
A 2 day or longer window will statistically occur 1.0 times per month
A 3 day or longer window will statistically occur 0.5 times per month

Wave Height < 7.0 ft
A 1 day or longer window will statistically occur 2.6 times per month
A 2 day or longer window will statistically occur 1.7 times per month
A 3 day or longer window will statistically occur 1.0 times per month

Wave Height < 8.0 ft
A 1 day or longer window will statistically occur 3.7 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 1.4 times per month

Waves

Mean Height: 8 - 10 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: 4% / 96%

Winds

Mean Speed: 10 - 15 kts

The winds will occasionally reach 25 - 30 kts, but rarely greater.

Principle Direction, from: NNW

Severe Storms

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