

Even Keel Wind Project - February

Latitude: 35.53 N Longitude: 121.68 W

Weather Days

Wave Height > 6.0 ft Mean: 18.5 days Range: 15.8 - 21.3 days p50:27.5 days p75:25 days p90:22.5 days

Wave Height > 7.0 ft Mean: 14.6 days Range: 10.4 - 18.7 days p50:25 days p75:20.5 days p90:18 days

Wave Height > 8.0 ft Mean: 10.9 days Range: 5.3 - 16.5 days p50:21 days p75:16.5 days p90:13.5 days

Wind Speed > 10.0 knots Mean: 16.2 days Range: 13.3 - 19.2 days p50:16 days p75:14.5 days p90:13.5 days

Wind Speed > 15.0 knots Mean: 6.8 days Range: 4.4 - 9.3 days p50:7 days p75:5.5 days p90:5 days

Wind Speed > 20.0 knots Mean: 2.0 days Range: 0.7 - 3.2 days p50:2.5 days p75:1 days p90:1 days

Working Window

Wave Height < 6.0 ft
A 1 day or longer window will statistically occur 1.1 times per month
A 2 day or longer window will statistically occur 0.5 times per month
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 1.9 times per month
A 2 day or longer window will statistically occur 0.9 times per month
A 3 day or longer window will statistically occur 0.5 times per month

Wave Height < 8.0 ft
A 1 day or longer window will statistically occur 2.5 times per month
A 2 day or longer window will statistically occur 1.5 times per month
A 3 day or longer window will statistically occur 0.9 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: 1% / 99%

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.