

Even Keel Wind Project - January

Latitude: 35.53 N Longitude: 121.68 W

Weather Days

Wave Height > 6.0 ft Mean: 17.2 days Range: 14.4 - 19.9 days p50:26.5 days p75:24.5 days p90:22.5 days

Wave Height > 7.0 ft Mean: 13.3 days Range: 9.5 - 17.0 days p50:23.5 days p75:21 days p90:18 days

Wave Height > 8.0 ft Mean: 9.7 days Range: 5.3 - 14.1 days p50:19.5 days p75:17 days p90:13 days

Wind Speed > 10.0 knots Mean: 13.4 days Range: 10.7 - 16.2 days p50:13.5 days p75:12 days p90:10 days

Wind Speed > 15.0 knots Mean: 4.8 days Range: 2.6 - 7.0 days p50:5.5 days p75:4 days p90:2.5 days

Wind Speed > 20.0 knots Mean: 1.3 days Range: 0.0 - 2.5 days p50:1 days p75:0.5 days p90:0.5 days

Working Window

Wave Height < 6.0 ft
A 1 day or longer window will statistically occur 1.4 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 0.2 times per month

Wave Height < 7.0 ft
A 1 day or longer window will statistically occur 2.4 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 0.6 times per month

Wave Height < 8.0 ft
A 1 day or longer window will statistically occur 3.0 times per month
A 2 day or longer window will statistically occur 1.6 times per month
A 3 day or longer window will statistically occur 1.1 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: 0% / 100%

Winds

Mean Speed: 5 - 10 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.