

Even Keel Wind Project - December

Latitude: 35.53 N Longitude: 121.68 W

Weather Days

Wave Height > 6.0 ft Mean: 18.3 days Range: 15.7 - 20.8 days p50:26 days p75:23 days p90:22.5 days

Wave Height > 7.0 ft Mean: 14.7 days Range: 11.5 - 17.9 days p50:23 days p75:20 days p90:18.5 days

Wave Height > 8.0 ft Mean: 11.2 days Range: 7.5 - 15.0 days p50:19.5 days p75:17 days p90:13.5 days

Wind Speed > 10.0 knots Mean: 13.5 days Range: 10.2 - 16.7 days p50:13.5 days p75:11.5 days p90:10 days

Wind Speed > 15.0 knots Mean: 5.4 days Range: 3.1 - 7.7 days p50:5.5 days p75:4 days p90:2.5 days

Wind Speed > 20.0 knots Mean: 1.7 days Range: 0.4 - 3.0 days p50:2 days p75:1 days p90:0.5 days

Working Window

Wave Height < 6.0 ft
A 1 day or longer window will statistically occur 1.7 times per month
A 2 day or longer window will statistically occur 0.7 times per month
A 3 day or longer window will statistically occur 0.4 times per month

Wave Height < 7.0 ft
A 1 day or longer window will statistically occur 2.3 times per month
A 2 day or longer window will statistically occur 1.3 times per month
A 3 day or longer window will statistically occur 0.7 times per month

Wave Height < 8.0 ft
A 1 day or longer window will statistically occur 3.1 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 1.1 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: 1% / 99%

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.