

Even Keel Wind Project - May

Latitude: 35.53 N Longitude: 121.68 W

Weather Days

Wave Height > 6.0 ft Mean: 16.7 days Range: 12.5 - 20.9 days p50:23.5 days p75:21 days p90:17 days

Wave Height > 7.0 ft Mean: 12.9 days Range: 8.3 - 17.5 days p50:18.5 days p75:14.5 days p90:11.5 days

Wave Height > 8.0 ft Mean: 9.0 days Range: 4.9 - 13.0 days p50:12.5 days p75:10.5 days p90:8 days

Wind Speed > 10.0 knots Mean: 23.7 days Range: 20.9 - 26.6 days p50:24.5 days p75:22.5 days p90:20 days

Wind Speed > 15.0 knots Mean: 15.9 days Range: 12.4 - 19.4 days p50:17 days p75:13.5 days p90:11.5 days

Wind Speed > 20.0 knots Mean: 6.5 days Range: 3.4 - 9.6 days p50:6.5 days p75:3.5 days p90:3.5 days

Working Window

Wave Height < 6.0 ft
A 1 day or longer window will statistically occur 2.2 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 < 7.0 ft
A 1 day or longer window will statistically occur 3.7 times per month
A 2 day or longer window will statistically occur 2.0 times per month
A 3 day or longer window will statistically occur 1.3 times per month

Wave Height < 8.0 ft
A 1 day or longer window will statistically occur 4.5 times per month
A 2 day or longer window will statistically occur 3.1 times per month
A 3 day or longer window will statistically occur 2.1 times per month

Waves

Mean Height: 6 - 8 ft

The wave heights will occasionally reach 14 - 16 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: 13% / 87%

Winds

Mean Speed: 15 - 20 kts

The winds will occasionally reach 25 - 30 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.