

Even Keel Wind Project - August

Latitude: 35.53 N Longitude: 121.68 W

Weather Days

Wave Height > 6.0 ft Mean: 9.9 days Range: 4.6 - 15.3 days p50:14.5 days p75:12 days p90:10 days

Wave Height > 7.0 ft Mean: 5.5 days Range: 1.3 - 9.7 days p50:7.5 days p75:5 days p90:3.5 days

Wave Height > 8.0 ft Mean: 2.2 days Range: 0.0 - 4.6 days p50:3 days p75:1.5 days p90:1 days

Wind Speed > 10.0 knots Mean: 21.4 days Range: 18.0 - 24.8 days p50:21.5 days p75:20 days p90:16 days

Wind Speed > 15.0 knots Mean: 11.7 days Range: 8.1 - 15.2 days p50:12 days p75:9.5 days p90:8 days

Wind Speed > 20.0 knots Mean: 2.4 days Range: 0.9 - 3.9 days p50:2 days p75:1.5 days p90:1 days

Working Window

Wave Height < 6.0 ft
A 1 day or longer window will statistically occur 3.6 times per month
A 2 day or longer window will statistically occur 2.6 times per month
A 3 day or longer window will statistically occur 1.8 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 2.9 times per month
A 3 day or longer window will statistically occur 2.3 times per month

Wave Height < 8.0 ft
A 1 day or longer window will statistically occur 2.8 times per month
A 2 day or longer window will statistically occur 2.5 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 8 - 10 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: 10% / 90%

Winds

Mean Speed: 10 - 15 kts

The winds will occasionally reach 20 - 25 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.