

Klamath Slide - January

Latitude: 41.53 N Longitude: 124.25 W

Weather Days

Wave Height > 6.0 ft Mean: 16.8 days Range: 13.0 - 20.6 days p50:25.5 days p75:21.5 days p90:18.5 days

Wave Height > 7.0 ft Mean: 13.3 days Range: 9.0 - 17.7 days p50:22.5 days p75:17.5 days p90:15 days

Wave Height > 8.0 ft Mean: 10.3 days Range: 5.6 - 15.0 days p50:19 days p75:14.5 days p90:11.5 days

Wind Speed > 15.0 knots Mean: 5.0 days Range: 2.0 - 8.0 days p50:5 days p75:3 days p90:1 days

Wind Speed > 20.0 knots Mean: 1.9 days Range: 0.5 - 3.3 days p50:2 days p75:1 days p90:0.5 days

Wind Speed > 25.0 knots Mean: 0.5 days Range: 0.0 - 1.0 days p50:0.5 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 1.3 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 0.3 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 1.0 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 2.7 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: W

WindSea/Swell: 0% / 100%

Winds

Mean Speed: 5 - 10 kts

The winds will occasionally reach 25 - 30 kts, but rarely greater.

Principle Direction, from: SSE

Currents

Mean Speed: 0.25-0.50 kts

The currents will occasionally reach 1.50-1.75 kts, but rarely greater.

Principle Direction, to: N

Weather Days

Current Speed > 1.0 knots Mean: 3.0 days Range: 0.0 - 5.9 days p50:3 days p75:2 days p90:1 days

Current Speed > 1.5 knots Mean: 0.9 days Range: 0.0 - 2.2 days p50:2 days p75:1 days p90:1 days

Current Speed > 2.0 knots Mean: 0.2 days Range: 0.0 - 0.6 days p50:1 days p75:1 days p90:1 days

Severe Storms

Severe storms with gale force winds and extreme waves are not expected during this month.