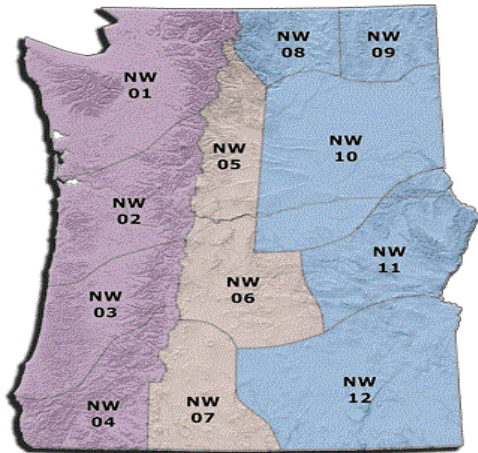


Pacific Northwest 7 Day Significant Fire Potential



Wednesday, 7/24/2024



Legend

Significant Fire Risk Levels

Low	- The Overall Fire Environment suggests a very low risk for significant fires (less than 1% chance)
Moderate	- The Overall Fire Environment suggests a moderate risk for significant fires (1 - 4% chance)
Elevated	- The Overall Fire Environment suggests a moderately high risk for significant fires (5 - 19% chance)
High Risk	The risk for significant fire(s) is very high (≥ 20%) Triggers: 1. ⚡ (Significant Lightning) 2. BEN (Critical Burn Environment)

The assessment of Significant Fire risk considers three main factors including: weather elements, number of ignitions, and background fire danger.

Significant Fire risk is derived objectively via statistical methods that combine all three factors. **High Risk** levels (≥ 20% probability of a significant fire) are usually due to numerous fire starts from lightning. Human fires don't often result in a large fire probability above 20%.

Predictive Service

Areas	ytd	Today	Thu	Fri	Sat	Sun	Mon	Tue
NW01								
NW02								
NW03								
NW04								
NW05		BEN	BEN					
NW06		BEN	BEN					
NW07		⚡	BEN					
NW08		BEN						
NW09		BEN						
NW10		BEN	BEN					
NW11		⚡	BEN					
NW12		⚡	BEN					

Fire Weather: Today is the peak day of concern as an approaching will produce abundant lightning from south central Oregon to far northeast Washington extending south to the Oregon border. Thunderstorm outflow wind gusts have potential of reaching 50-70 mph. A wetting rain is possible, but unlikely for most storms. Additionally, a mainly dry cold front will increase general winds east of the Cascade crest at all elevations and not just the Cascade gaps. Very gusty winds continue through Thursday for most central and eastern PSAs. Thursday also begins a cooler, but still lower humidity, trend lasting into early next week. Low (15% or less) chances of thunderstorms return Saturday through Tuesday.

Refer to local NWS forecasts for details and for Red Flag warnings.

Fire Potential: Lightning will continue produce new ignitions despite any rain. Strong and erratic thunderstorm outflow wind will further tax fire resources. Several days of dry weather will provide ample opportunity for holdover fires and exposure to the increasing wind. ERC and 1000-hour fuel moistures are slowly improving through early next week but will remain above the 90th percentile and below the 10th percentile respectively. Lighter fuels will remain prone to rapid fire spread, particularly during the afternoons and evenings. Heavier fuels will see little moisture change despite the cooler temperatures given an absence of observed and forecasted significant rainfall.

Fire Danger Trends:

https://gacc.nifc.gov/nwcc/application/v1/views/predict/fire_fuel_graphs.php

Preparedness Level:

Northwest: 5

National: 5

-Jon Bonk