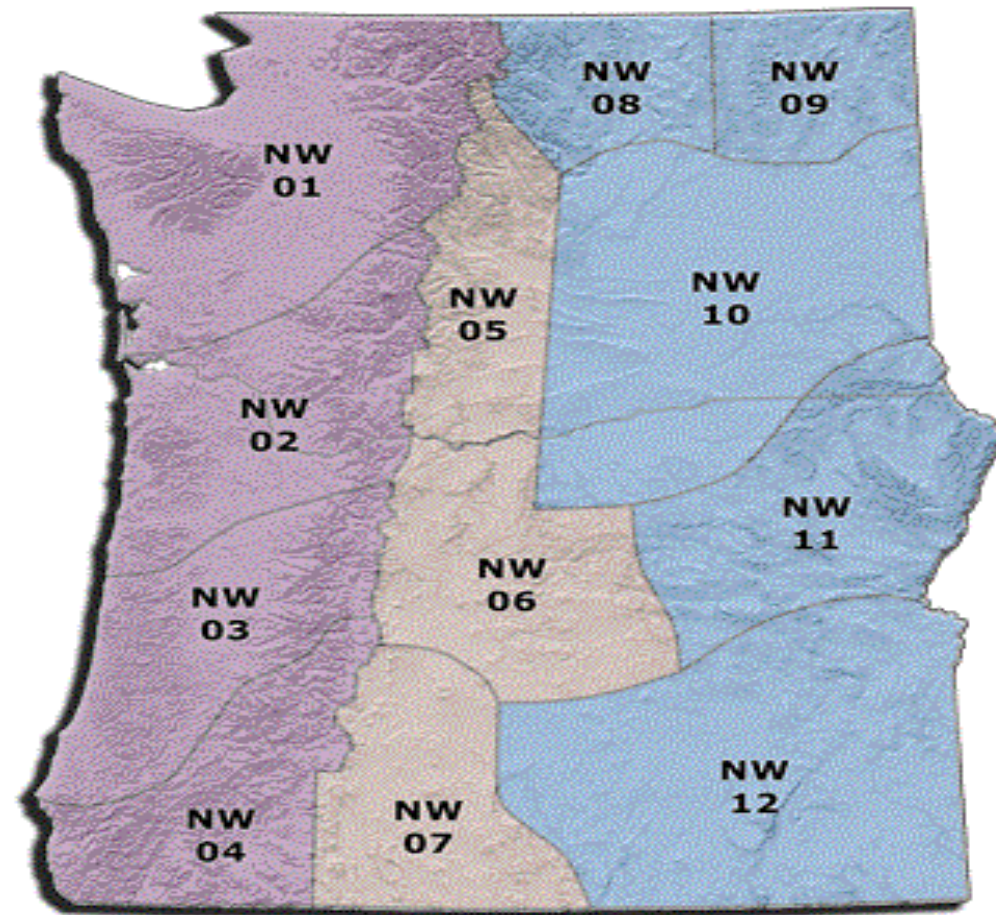


# Pacific Northwest 7 Day Significant Fire Potential



Tuesday, 8/22/2023



## Legend

### Fire Environment (FEN) 4 levels

<b>Minimal</b>	- The Overall Fire Environment suggests a very low risk for Large fires ( <b>less than 1% chance</b> )
<b>Normal</b>	- The Overall Fire Environment suggests a <u>normal</u> risk for large fires ( <b>1 - 4% chance</b> )
<b>Elevated</b>	- The Overall Fire Environment suggests a moderately high risk for large fires ( <b>5 - 19% chance</b> )
<b>High Risk</b>	<b>The risk for large fire(s) is very high (≥ 20%)</b> Triggers: 1. ⚡ (Significant Lightning) 2. BEN (Critical Burn Environment)

The assessment of the overall fire environment considers multiple factors including weather, lightning amount and fuel dryness. Large Fire probabilities are derived objectively via statistical methods. **High Risk** levels (≥ 20% probability of a large fire) are almost always due to significant lightning as burning conditions alone rarely result in a large fire probability much above about 10%.

Predictive Service Areas	ytd	Today	Wed	Thu	Fri	Sat	Sun	Mon
NW01								
NW02								
NW03								
NW04								
NW05								
NW06								
NW07								
NW08								
NW09								
NW10								
NW11								
NW12								

**Fire Weather:** Low pressure moves across the region today and Wednesday to bring cooler, but still unstable, weather. Showers and thunderstorms will continue this afternoon, mainly across northeast Oregon where very heavy rainfall and flash flooding could occur. Thunderstorms are also possible across western Washington but will produce much less rainfall. The upper low will also bring breezy and somewhat dry general winds through the eastern Columbia Gorge and typical Cascade east slope areas. Another offshore upper trough later this week brings warmer southerly flow to the region. Thursday may bring deep mixing for the Cascade fires as a thermal trough sits along the west slopes. Expect isolated to scattered showers with primarily wet thunderstorms late this week for the Cascade east slopes toward the Idaho border, but conditions remain such that ignitions initially should be limited. As ridging persists across the eastern half of the region, warmer and drier weather will quickly evaporate lingering surface moisture.

Refer to your local NWS office Fire Weather Planning Forecasts for additional details.

**Fire Potential:** The 7-day period initially features near minimal to near normal significant fire potential as the weather patterns do not support significant fire weather triggers. Some ignitions are expected from thunderstorms today and later this week, particularly across areas which have not received recent rainfall. Instability over Cascade west slope incidents on Thursday may increase ventilation potential. Continued drying through early next week will bring background conditions toward normal with added lightning potential boosting some eastside areas into elevated significant fire potential, despite recent rains. Additional rainfall from those storms should preclude high risk designations, however.

### Preparedness Level:

Northwest: 5  
National: 4

-Jon Bonk