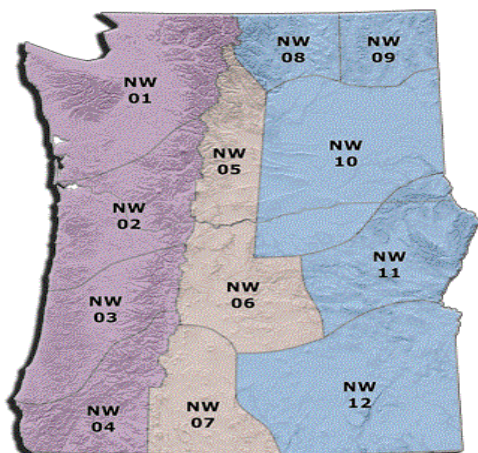


# Pacific Northwest 7 Day Significant Fire Potential



Monday, 8/2/2021

| Predictive Service |     | Today | Tue | Wed | Thu | Fri | Sat | Sun |
|--------------------|-----|-------|-----|-----|-----|-----|-----|-----|
| Areas              | ytd |       |     |     |     |     |     |     |
| NW01               |     |       |     |     |     |     |     |     |
| NW02               |     |       |     |     |     |     |     |     |
| NW03               |     |       |     |     |     |     |     |     |
| NW04               |     |       |     | BEN |     |     |     |     |
| NW05               |     |       |     |     |     |     |     |     |
| NW06               |     |       |     | ⚡   |     |     |     |     |
| NW07               |     |       |     | ⚡   |     |     |     |     |
| NW08               |     |       |     |     |     |     |     |     |
| NW09               |     |       |     |     |     |     |     |     |
| NW10               |     |       |     |     |     |     |     |     |
| NW11               |     |       |     |     |     |     |     |     |
| NW12               |     |       |     |     |     |     |     |     |

## 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 <b>normal</b> 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> | - The risk for large fire(s) is very high ( <b>≥ 20%</b> )<br>Triggers: 1. ⚡ (Significant Lightning)<br>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%.

**Fire Weather:** Skies are gradually clearing inland while a thin layer of low clouds lingers along the coast. Another round of thunderstorms is in store for central Oregon today and some of these could potentially become severe this afternoon with heavy rain, hail, and strong winds. Thunderstorms will diminish on Tuesday but increase again over sections of both Oregon and Washington late Wednesday as stronger weather system approaches the south Oregon coast. This next weather system will bring on a significant cooling trend that will result in showers or rain mainly for Washington on Thursday, Friday, and Saturday. Strong winds east of the Cascades are possible as well from Wednesday onwards.

This is a dynamic weather situation because the pattern is complex and changing. Monitor your local NWS fire weather forecasts and any Red Flag Warnings along with the latest fire weather details for your area.

**Fire Potential:** Thunderstorms in central Oregon today will cause some starts but showers will likely reduce growth threat of new starts. The weather system late Wednesday appears more potent because it has lightning, increasing winds, and instability along with hot, dry conditions. I estimate the risk of new large fires or flareups on existing fires is high PSAs NW04, NW06, NW07 due to these contributing factors.

### Preparedness Level:

Northwest: 5  
National: 5

- John Saltenberger