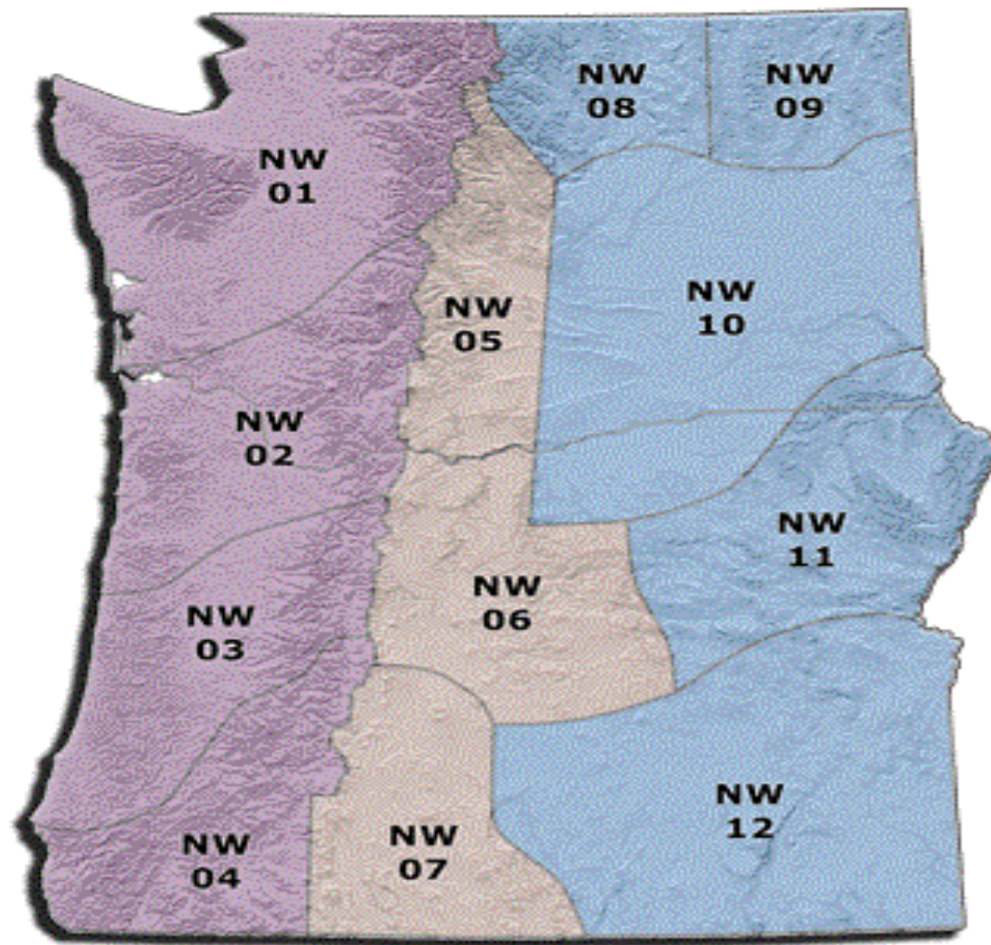


# Pacific Northwest 7 Day Significant Fire Potential



## 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%.

Monday, August 21, 2017

### Predictive Service

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

**Fire Potential:** A weak upper-level ridge is expected to persist through Tuesday morning, bringing gradual warming and drying to the region. Through this period, much uncertainty exists regarding human ignitions surrounding the eclipse event. We do know that any new starts will be greeted by very receptive fuels, given the at or near record ERC/fuel moisture values across the region. The saving grace here looks to be the lack of gusty winds and instability that would otherwise increase fire behavior.

Behind all this, a low pressure system is expected to move down the BC coast and then track eastward across southern BC/northern WA starting Tuesday afternoon. This will generate a threat of isolated t-storms for southern Oregon zones in the evening. On Wednesday, these chances improve for Oregon zones east of the Cascade crest and possibly the southern Cascades and Blues in WA. Thursday will be the culminating day as the low's cold front is expected to move through the region, significantly increasing wind potential east of the Cascades in WA and adding a chance of t-storms to the Columbia Basin and high mountain zones of WA.

**Note that any lightning produced over the next week will be accompanied by little to no rainfall and have a high probability of causing new starts.**

Pay close attention to NWS fire weather forecasts.

Please call NWCC Predictive Services (503) 808-2737 with any questions.

### Preparedness Level:

Northwest:5  
National: 5

- Josh Clark

[About this product](#)