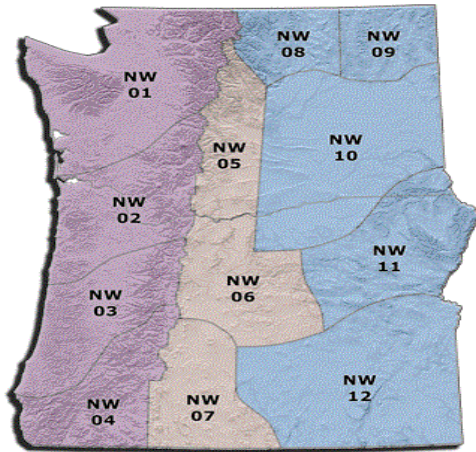


# Pacific Northwest 7 Day Significant Fire Potential



Wednesday, July 18, 2018



## Legend

### Fire Environment (FEN) 4 levels

- Minimal** - The Overall Fire Environment suggests a very low risk for Large fires (**less than 1% chance**)
- Normal** - The Overall Fire Environment suggests a normal risk for large fires (**1 - 4% chance**)
- Elevated** - The Overall Fire Environment suggests a moderately high risk for large fires (**5 - 19% chance**)
- High Risk** - The risk for large fire(s) is very high (**≥ 20%**)  
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	tdy	Thu	Fri	Sat	Sun	Mon	Tue
NW01								
NW02								
NW03								
NW04								
NW05								
NW06								
NW07								
NW08								
NW09								
NW10								
NW11								
NW12								

**Fire Potential:** Onshore flow continues to bring slight cooling to the region for the rest of the work week, along with gusty afternoon and evening winds in mountain gaps and the east side basins. Red Flag Warnings are out for combination of wind and low relative humidity for this afternoon and evening. Check your local NWS for details and timing for your area. A thermal trough will set up each night potentially shifting winds to a northeasterly orientation along the Oregon coast in the early morning hours, with onshore flow resuming during the day. Warm and dry conditions will persist through the work week for most of the region. An upper level low is expected to move down the British Columbia coast and slide across southern BC this weekend, potentially drawing monsoonal moisture from the south for a chance of thunderstorms across southern Oregon. The weather models are not in complete agreement on this system however, so stayed tuned for updates.

Gusty winds in the Columbia Gorge and the basins east of the Cascades will boost the behavior of new and existing fires again this afternoon and evening. The marine air mass will slightly moderate any increases to fire danger indices, but they will remain well above average for this time of year, keeping the risk of significant fires at normal to moderately high levels through the forecast period for all but northwestern Oregon and western Washington.

### Preparedness Level:

Northwest: 3  
National: 3

- Eric Wise