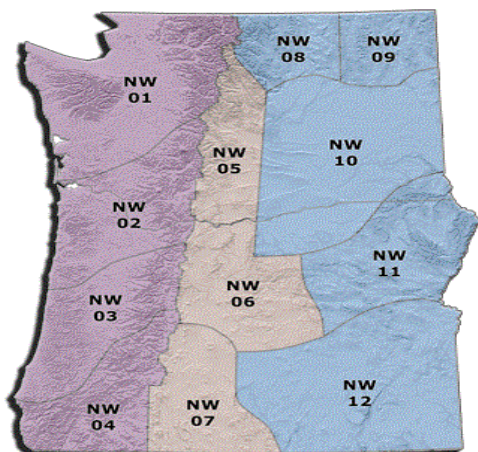


Pacific Northwest 7 Day Significant Fire Potential



Sunday, July 23, 2017



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	Mon	Tue	Wed	Thu	Fri	Sat
NW01								
NW02								
NW03								
NW04		⚡	⚡					
NW05								
NW06								
NW07		⚡	⚡					
NW08								
NW09								
NW10								
NW11			⚡					
NW12			⚡					

Fire Potential: Two problems will elevate potential for new large fires: The first is gusty winds and low humidity near the east slopes of the Washington Cascades today. The second is an upper level weather system that will trigger lightning fires in southern Oregon today expanding north and east on Monday and Tuesday. The number of new starts is expected to push the geographic area into moderate level of initial attack overall. Lightning can be expected over several areas but the PSAs most at risk for new large fires are NW04, NW07, NW11, and NW12 through Tuesday.

Thunderstorm cells will gradually moisten up as they tap into a richer moisture stream beginning late Monday. This will help reduce the initial attack load as rainfall with thunderstorm cells will help quell rapid growth of new starts. Critical factors ease after Tuesday.

For weather details and any Red Flag advisories in your area see your local NWS fire weather planning forecast.

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

Preparedness Level:

Northwest: 3
National: 4

-John Saltenberger

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