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%.

**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)

**Fire Weather:**
The west side of the region as well as northern Washington could see some light residual showers today from the front that entered the region last night. Relative humidity and overnight recoveries will continue to improve through the week. An upper level low will circulate offshore today and tomorrow continuing breezy southwesterly flow and could send impulses into the region triggering an occasional shower. As the low moves over the region Thursday and Friday, it will bring more widespread showers, possibly with some embedded thunderstorms, though smoke may inhibit storm development. Showers will linger into Saturday. The stronger wind push and rain with the low should finally improve the smoke conditions. The model solution could evolve, so pay attention to your local NWS forecasts and advisories for the latest details in your area.

**Fire Potential:**
Potential for new significant fires remains elevated particularly for south central Oregon due to anticipated breezy southwesterly winds and dry conditions this afternoon. As the upper level trough passes through Thursday into Friday, significant fire potential will get another boost due to gusty winds and lightning potential. Significant fire potential will relax in the zonal flow behind the trough.

**Preparedness Level:**
Northwest: 5
National: 5

- Eric Wise