**Pacific Northwest 7 Day Significant Fire Potential**

**Tuesday, 9/6/2022**

**Fire Potential:** Significant fire potential remains elevated due to the combination of high fire danger and critical fire weather conditions. Breakdown of the upper-level ridge tomorrow into Thursday with increased winds and thunderstorm potential will lead to high risk for new significant fires for southern and eastern Oregon.

**Preparedness Level:**
Northwest: 4  
National: 4  
- Eric Wise

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**Fire Weather:** Temperatures and instability will both rise sharply today as upper-level high pressure builds over the region. There is a slight chance for thunderstorms in central Oregon this afternoon. Central Oregon will get breezy this afternoon. Expect poor relative humidity recoveries tonight over mountain ridges. An upper-level trough will start to impact the region tomorrow with a boost in general winds and some potential for thunderstorms, mainly east of the Oregon Cascades. Any storms that develop today and tomorrow are unlikely to get much rain to the ground but could generate dry lightning and gusty outflow winds. Temperatures will be cooler Thursday behind the system before upper-level pressure builds back with temperatures warming Friday into the weekend with cooler temperatures and renewed wind and thunderstorm concerns.

Check your NWS guidance for the latest details in your area as well as red flag warnings and fire weather watches.

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**Legend**

<table>
<thead>
<tr>
<th>Fire Environment (FEN) 4 levels</th>
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</thead>
<tbody>
<tr>
<td><strong>Minimal</strong> - The Overall Fire Environment suggests a very low risk for Large fires (less than 1% chance)</td>
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<tr>
<td><strong>Normal</strong> - The Overall Fire Environment suggests a normal risk for large fires (1 - 4% chance)</td>
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<tr>
<td><strong>Elevated</strong> - The Overall Fire Environment suggests a moderately high risk for large fires (5 - 19% chance)</td>
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<tr>
<td><strong>High Risk</strong> - The risk for large fire(s) is very high (≥ 20%)</td>
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| **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%.