As Wildfire Impacts Increase What Can We Do to Prepare

Andy Delmas
Origin of the Oregon Trail Fire
August 25, 2008
Pacific Northwest in the Last 10 years
Setting Large Fire Records

<table>
<thead>
<tr>
<th>Agency</th>
<th>Units</th>
<th>#1</th>
<th>#2</th>
<th>#3</th>
<th>Largest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forest Service</td>
<td>16 of 16</td>
<td>10</td>
<td>7</td>
<td>3</td>
<td>173,000 acres</td>
</tr>
<tr>
<td>BLM</td>
<td>8 of 9</td>
<td>7</td>
<td></td>
<td>6</td>
<td>598,000 acres</td>
</tr>
<tr>
<td>BIA</td>
<td>4 of 4</td>
<td>4</td>
<td></td>
<td></td>
<td>170,000 acres</td>
</tr>
<tr>
<td>NPS</td>
<td>2 of 2</td>
<td></td>
<td>2</td>
<td></td>
<td>15,500 acres</td>
</tr>
<tr>
<td>Oregon</td>
<td></td>
<td>X</td>
<td>X</td>
<td></td>
<td>78,000 acres</td>
</tr>
<tr>
<td>Washington</td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>73,000 acres</td>
</tr>
</tbody>
</table>

Stratton 2018, records from last 50-70 years
Fire Behavior Triangle

WEATHER:
- wind, temp, humidity, and precipitation

FUEL:
- amount, arrangement, and moisture

TOPOGRAPHY:
- slope or aspect (side) of the land

Fire Behavior Triangle
Use Roads and Right of Ways as Fuel Breaks

- Bare dirt along road ways
- Mowing near roads
- Escape Routes, Enhance Public Safety
- Where firefighters can make a stand
Burning Out
EMERGENCY WARNING - Postmans Trail (Bega Valley LGA)

Fire activity is increasing as conditions deteriorate. If you are in the areas of Yurramie, Candel, Mogilla and surrounds, you are at risk and it is too late to leave. Seek shelter if the fire impacts. #nswfis #nswfires #alert

EMERGENCY WARNING

Postmans Trail
(Bega Valley LGA)
Final thoughts

• Prepare for fires
  • That are more frequent, faster moving, and more intense, in places that have not historically burned

• Enhance Firefighter and Public Safety
  • Treat roadways so they can be escape routes
  • Prepare structures and facilities for safety zones

Thank You