

Fire and Fuels

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Analytical Results, Draft RMP/EIS

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BLM

Resource Management Plans for Western Oregon



Fire and Fuels Objectives: Common to all Alternatives

- Respond to wildfires in a manner that provides for public and firefighter safety while meeting land management objectives by utilizing the full range of fire management options.
- Actively manage the land to restore and maintain resilience of ecosystems to wildfire and decrease the risk of uncharacteristic large high-intensity/severity wildfires.
- Manage fuels to reduce wildfire hazard, risk, and negative impacts to communities and infrastructure, landscapes, ecosystems, and highly valued resources.
- Build capacity, in partnership with local, State, and Federal stakeholders, to reduce the risks and threats from wildland fire within the communities bordering Federal lands



Natural Hazardous Fuel Treatments



Total acres treated by treatment type and District (2003-2012)

District/Field Office	Biomass Removal	Mechanical Reduction	Prescribed Fire
Coos Bay	1,161	1,802	1,750
Eugene	0	11,167	208
Klamath Falls	5,443	6,790	30,605
Medford	1,190	18,193	84,561
Roseburg	0	2,313	3,657
Salem	0	4,013	438

Effects to Fire and fuels

While the approach to Fire and Fuels Management is Common to All Alternatives

Important variables:

- size of Harvest Land Base and
- timber management type and intensity

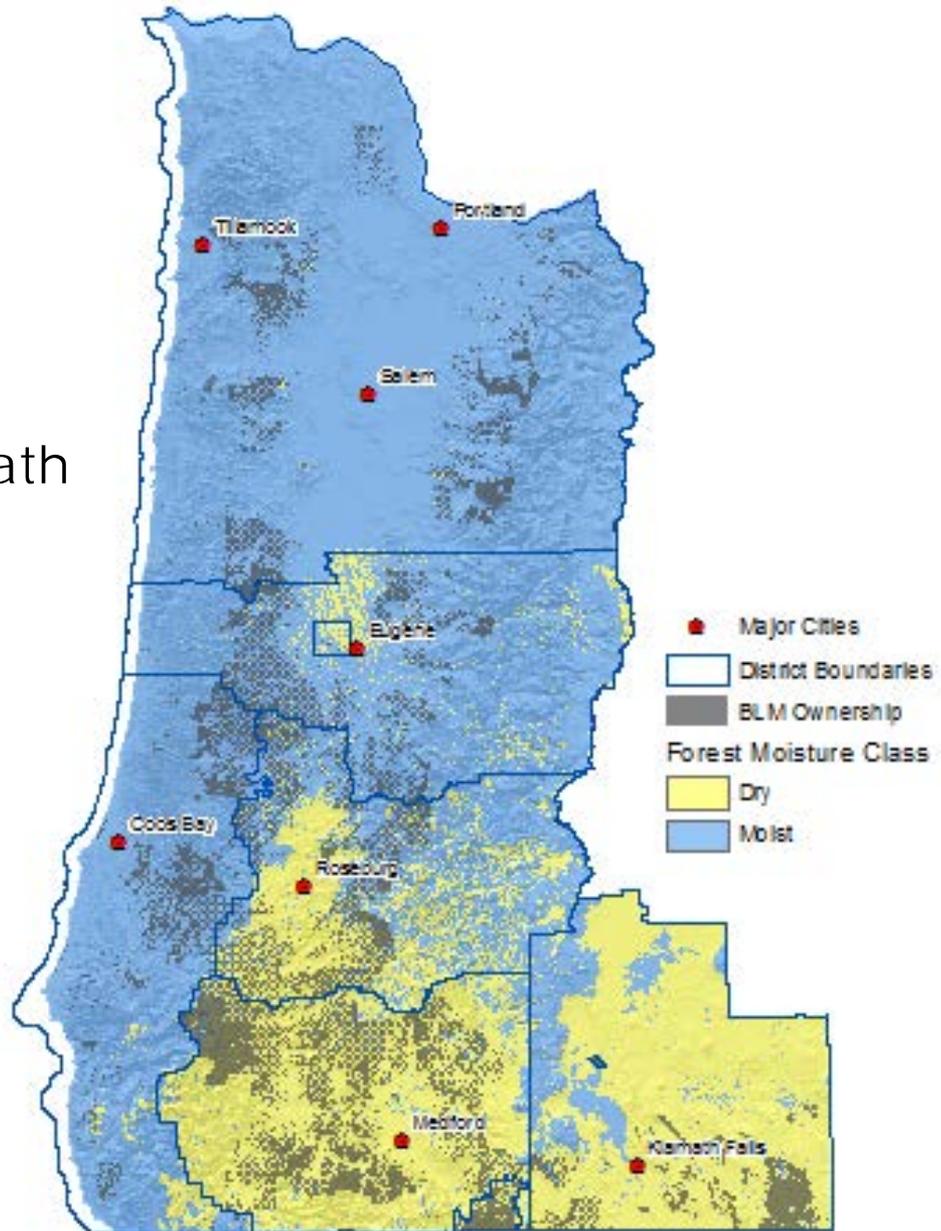
Influence:

- Vegetation structure
- Fire resilience
- Fire resistance
- Fire risk

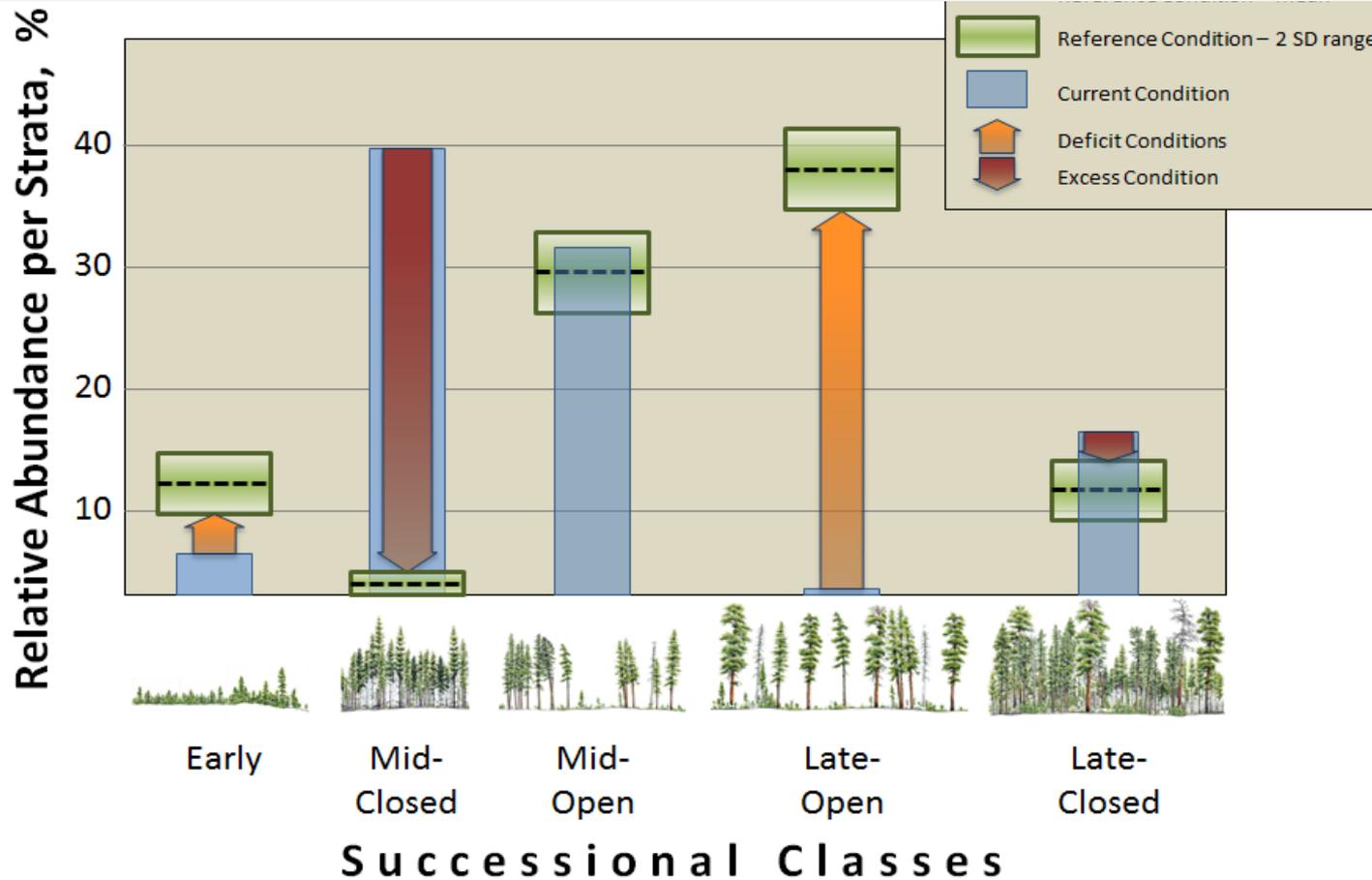
Analytic Scale

Dry Forest - Interior/south
(Roseburg, Medford, Klamath Falls)

- Fire Resilience
- Fire Resistance



Analytic Results: Fire Resilience



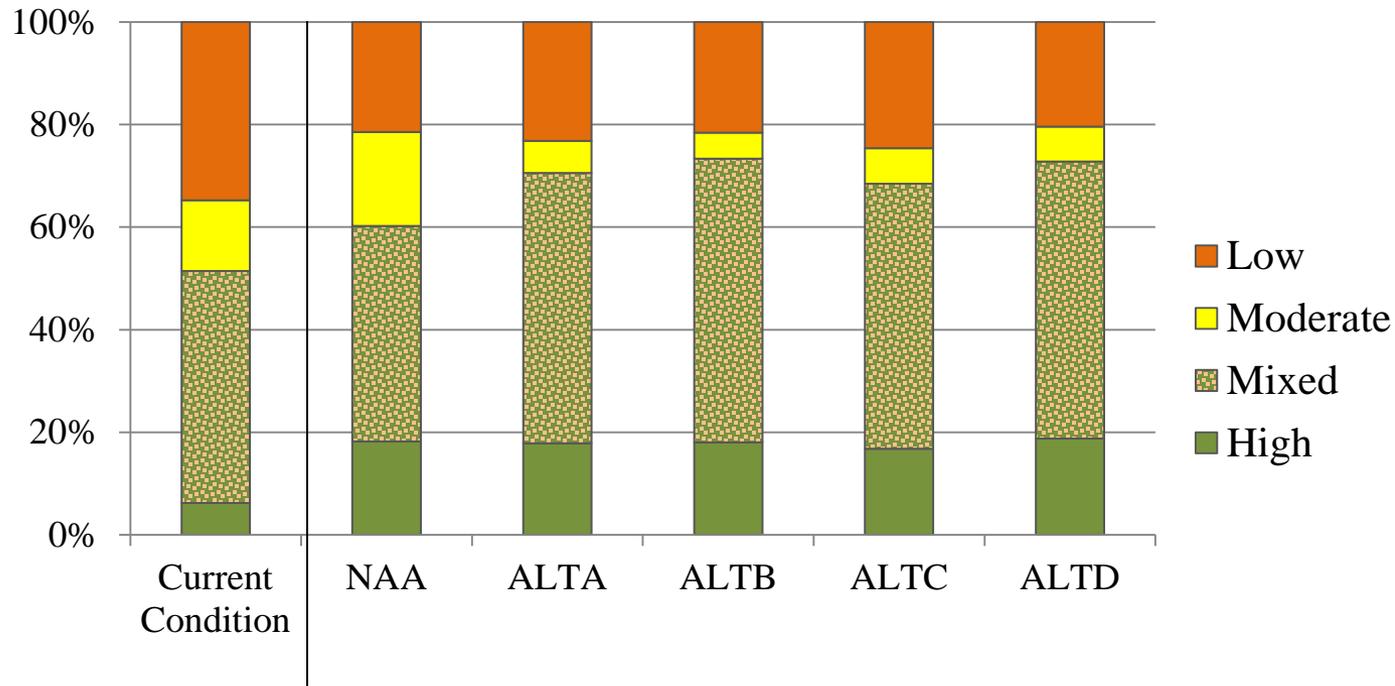
Illustrations adapted with permission from Van Pelt 2008



Analytic Results: Fire Resistance

Stand-level fire resistance to replacement fire in 50 years for the interior/south.

Percent of Fire Resistance
Categories

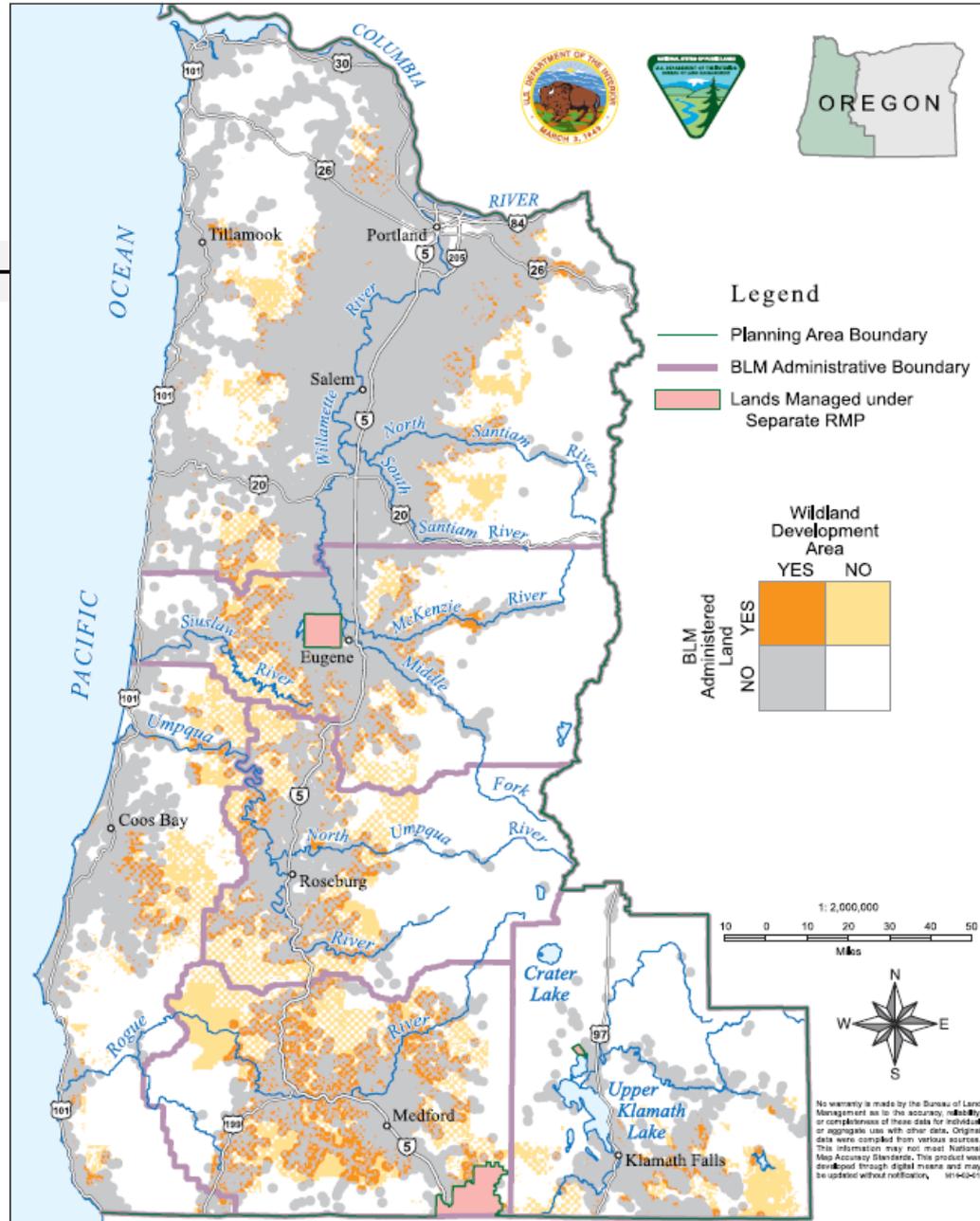
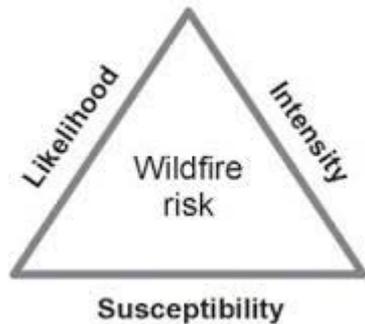


Analytic Scale

Entire Decision Space

- Fire Risk

Wildland Developed
Wildfire Potential
Residual Activity Fuel



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Analytic Results: Fire Risk

Activity fuel risk, interior/south, decadal average 2013-2063.

