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Communities At Risk Report



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This report provides a snapshot of wildland fire risk to Oregon communities using current data from the Quantitative Wildfire Risk Assessment, Oregon Department of Forestry Fire statistics, and Silvis Data. For more information about this report, contact ODF National Fire Plan Coordinator Jenna Trentadue at Jenna.a.Trentadue@oregon.gov.

INTENT

This assessment provides decision-makers, wildfire planners, fire service professionals, and natural resource agencies with the information they need to prioritize fuel mitigation projects. This prioritization will assist in meeting the goal to minimize overall wildfire risk to communities. This assessment was mandated by the Cooperative Forest Assistance Act of 1978 and is an integral part of the Forest Action Plan from the State of Oregon. It also creates prioritization areas for the state of Oregon's federal grant funded program work through measurable values. Additionally, it creates a broad, statewide standard for identifying and prioritizing communities at risk with the newest available data.

DEFINITIONS

Community at Risk: A geographic area within and surrounding permanent dwellings with basic infrastructure and services, under a common fire protection jurisdiction, government, or tribal trust or allotment, for which there is a significant threat due to wildfire. (Oregon Natural Hazards Mitigation Plan)

Community: A group of people living in the same place or having a particular characteristic in common. (Webster's English Dictionary)

The Wildland Urban Interface (WUI): the area where houses meet or intermingle with undeveloped wildland vegetation. (Federal Register 66:751, 2001)

Interface Community: exists where structures directly abut wildland fuels. There is a clear line of demarcation between residential, business, public structures and wildland fuels. Development density for an interface community is usually 3 or more structures per acre. Fire protection is generally provided by a local fire department. An interface community may also be defined as a population density of 250 or more per square mile. (Federal Register 66:753, 2001)

Intermix Community: exists where structures are scattered throughout a wildland area. There is no clear line of demarcation; wildland fuels are continuous outside of and within the developed area. The development density in the intermix ranges from structures very close together to one structure per

40 acres. Fire protection districts funded by various taxing authorities provide life and property fire protections and may also have wildland fire protection responsibilities. An alternative definition of intermix community emphasizes a population density of between 28-250 people per square mile.

Occluded Community: exists in a situation, often within a city, where structures abut an island of wildland fuels (e.g. park or open space). There is a clear line of demarcation between structures and wildland fuels. The development density for an occluded community is usually similar to those found in the interface community, but the occluded area is usually less than 1,000 acres in size. Fire protection is normally provided by local government fire departments.

A COMMUNITY IS AT REDUCED RISK WHEN SATISFYING AT LEAST ONE OF THE FOLLOWING:

- (1) Recognized as a Firewise Community or Equivalent
- (2) Enacted a mitigation/fire prevention ordinance
- (3) Reduced or appropriately maintained hazardous fuels on lands identified as high-priority in its Community Wildfire Protection Plan (CWPP) or Equivalent plan.¹

BACKGROUND

This Communities at Risk report satisfies the requirement of Task e, Goal 4 of the *Implementation Plan for the 10-Year Comprehensive Strategy*: “Develop nationally comparable definitions for identifying at-risk wildland urban interface communities and a process for prioritizing communities with the state and tribal jurisdiction.” It also provides implementation provisions of the Collaborative Fuels Treatment Memorandum of Understanding (MOU) between the National Association of State Foresters (NASF) and federal agencies.

¹ The Wildland Fire Leadership Council “A Collaborative Approach for Reducing Wildland Fire Risks to Communities and the Environment” (10 year Strategy Implementation Plan) (December 2006) According to Goal Four- Promote Community Assistance pg. 19

HOW COMMUNITIES WERE IDENTIFIED

The Communities at Risk were identified and named by using a combination of resources:

- University of Wisconsin SILVIS WUI dataset as a primary source for WUI interface and intermix areas²
- Oregon “Locally Named Communities At Risk” identified in Community Wildfire Protection Plans³
- Listed communities at risk in the Federal Registry⁴
- Added City Limits
- Added Structural Fire District areas
- Created a 5 mile buffer of all Oregon town points to capture rural towns without established geospatial boundaries.

HOW COMMUNITY VALUES WERE CREATED

The identified community data was combined and cross-checked with the Department of Land Conservation & Development (DLCD) Oregon 2017 Land Use Zoning. Some excess community data that could not be verified was deleted. The mean was calculated from the Pacific Northwest Quantitative Wildfire Risk Assessment (2018) *Hazard to Structures* and *Burn Probability* value for each WUI polygon to show actual wildfire hazard (Map 1) (brought down from a *subwatershed* (huc12) mean). West Wide Risk Assessment was reviewed, assessed, and found to not be statistically different to adjust data outcomes.

This created a Wildland Urban Interface layer (Map 2) which is associated with all administrative geographies. To create maps the data was classified per Pyrologix/USFS/ODF/Oregon Wildfire Risk Explorer symbology themes. Class breaks were matched to create adjective classes of low, moderate, and high.

² University of Wisconsin-Madison Silvis Lab (2010) Retrieved from <http://silvis.forest.wisc.edu/maps-data/>

³ Oregon Department of Forestry (January 2020) Retrieved from <https://www.oregon.gov/odf/Fire/Pages/CWPP.aspx>

⁴ Federal Register (January 4, 2001 (66 FR 751)

*An initial list of urban wildland interface communities, in accordance with Title IV of the FY 2001 Appropriations Act for the Department of Interior and Related Agencies (Pub. L. 106-291). Compiled from preliminary information provided by the States and Tribes and prepared for publication by the Secretaries of Agriculture and the Interior. The information in the updated list was compiled at the State and/or Tribal level by collaborative interagency groups. As a result of this collaborative effort, the Secretaries prepared a more complete list that better reflects the relationship between Federal lands and the urban wildland interface problem in the United States. This annotated list supersedes the list.

HOW HAS THIS CHANGED SINCE THE LAST REPORT?

Prior to this version, this assessment had not been updated since September 2006. The previous report identified communities using Fire Protection Districts, cities, and towns used a fire-shed model. Federal Tribal Land adjacency was also addressed. This updated report utilizes the Quantitative Wildfire Risk Assessment (USFS), community names to identify at-risk areas, and a watershed model to identify community risk and WUI data. Although the data is slightly different and the outcome is in a more specific community format, this data is the most current and accurate data available.

COMMUNITIES AT RISK RESULTS

Five hundred and eight (508) Communities at Risk were identified and assessed for their wildfire risk in Oregon. The number of structures, exposure, burn probability, and hazard were all taken into account in rating the communities.

Number of Communities by County and ratings

County	Low	Med	High	Total
BAKER	1	4	24	29
BENTON	10	1	0	11
CLACKAMAS	19	3	2	24
CLATSOP	11	1	1	13
COLUMBIA	8	0	0	8
COOS	18	0	0	18
CROOK	1	0	3	4
CURRY	6	2	4	12
DESCHUTES	1	5	6	12
DOUGLAS	13	13	22	48
GILLIAM	1	2	0	3
GRANT	0	2	10	12
HARNEY	0	0	7	7
HOOD RIVER	1	2	0	3
JACKSON	0	4	19	23
JEFFERSON	0	0	10	10
JOSEPHINE	0	0	8	8
KLAMATH	2	13	5	20
LAKE	0	8	0	8
LANE	18	10	1	29
LINCOLN	9	1	0	10

County	Low	Med	High	Total
LINN	10	3	2	15
MALHEUR	3	4	8	15
MARION	18	2	4	24
MORROW	1	2	6	9
MULTNOMAH	10	0	0	10
POLK	5	0	0	5
SHERMAN	0	2	1	3
TILLAMOOK	15	1	0	16
UMATILLA	2	8	9	19
UNION	0	8	13	21
WALLOWA	3	8	6	17
WASCO	1	2	12	15
WASHINGTON	8	1	1	10
WHEELER	0	1	5	6
YAMHILL	11	0	0	11
Total	206	113	185	508

Communities and Rating

Name of Community	County	Rating
Anthony Lakes	Baker	High
Auburn Gulch	Baker	High
Brownlee	Baker	High
Bulger	Baker	High
Carson Pine Valley	Baker	High
Copperfield	Baker	High
Cornucopia	Baker	High
Durkee	Baker	High
Eagle Valley	Baker	High
Elkhorn Mountains	Baker	High
Greenhorn	Baker	High
Halfway	Baker	High
Keating	Baker	High
McCully Forks	Baker	High
New Bridge	Baker	High
Oxbow	Baker	High
Richland	Baker	High
Rye Valley	Baker	High
Sparta	Baker	High
Street Creek	Baker	High

Name of Community	County	Rating
Sumpter	Baker	High
Surprise Spring	Baker	High
Unity	Baker	High
Whitney	Baker	High
Baker City	Baker	Moderate
Haines	Baker	Moderate
Huntington	Baker	Moderate
Stices Gulch	Baker	Moderate
Pleasant Valley	Baker	Low
Dawson	Benton	Moderate
Adair	Benton	Low
Alsea	Benton	Low
Blodgett	Benton	Low
Corvallis	Benton	Low
Hoskins	Benton	Low
Mary's River Estates	Benton	Low
Monroe	Benton	Low
Philomath	Benton	Low
Summit	Benton	Low
Vineyard Mountain	Benton	Low
Beaver Creek	Clackamas	High
Eagle Creek	Clackamas	High
Government Camp	Clackamas	Moderate
Hoodland	Clackamas	Moderate
Sandy	Clackamas	Moderate
Boring	Clackamas	Low
Canby	Clackamas	Low
Cedarhurst Park	Clackamas	Low
Clackamas	Clackamas	Low
Colton	Clackamas	Low
Damascus	Clackamas	Low
Dickey Prairie	Clackamas	Low
Estacada	Clackamas	Low
Gladstone	Clackamas	Low
Happy Valley	Clackamas	Low
Lake Grove	Clackamas	Low
Lake Oswego	Clackamas	Low
Molalla	Clackamas	Low
Oregon City	Clackamas	Low
Springwater	Clackamas	Low

Name of Community	County	Rating
Timber Park	Clackamas	Low
West Linn	Clackamas	Low
Wilsonville	Clackamas	Low
Warrenton	Clatsop	Moderate
Astoria	Clatsop	Low
Brownsmead	Clatsop	Low
Brownsville	Clatsop	Low
Cannon Beach	Clatsop	Low
Fort Clatsop	Clatsop	Low
Gearhart	Clatsop	Low
Hamlet	Clatsop	Low
Knappa	Clatsop	Low
Seaside	Clatsop	Low
Svensen	Clatsop	Low
Westport	Clatsop	Low
Clatskanie	Columbia	Low
Columbia City	Columbia	Low
Rainier	Columbia	Low
Scappoose	Columbia	Low
Spitzenberg	Columbia	Low
St. Helens	Columbia	Low
Stimson Mill	Columbia	Low
Vernonia	Columbia	Low
Bandon	Coos	Low
Bridge	Coos	Low
Bunker Hill	Coos	Low
Charleston	Coos	Low
Coos Bay	Coos	Low
Coquille	Coos	Low
Dora	Coos	Low
Green Acres	Coos	Low
Hauser	Coos	Low
Lakeside	Coos	Low
Libby	Coos	Low
Myrtle Point	Coos	Low
North Bay	Coos	Low
North Bend	Coos	Low
Powers	Coos	Low
Saunders Lake	Coos	Low
Sitkum	Coos	Low

Name of Community	County	Rating
Sumner	Coos	Low
Allen Creek	Crook	High
Juniper Canyon	Crook	High
Prineville	Crook	High
Paulina	Crook	Low
Agness	Curry	High
Brookings	Curry	High
Illahe	Curry	High
Upper Chetco	Curry	High
Cape Ferrelo	Curry	Moderate
Harbor	Curry	Moderate
Gold Beach	Curry	Low
Langlois	Curry	Low
Ophir	Curry	Low
Pistol River	Curry	Low
Port Orford	Curry	Low
Sixes	Curry	Low
Brothers	Deschutes	High
La Pine	Deschutes	High
Redmond	Deschutes	High
Sisters	Deschutes	High
Sunriver	Deschutes	High
Tumalo	Deschutes	High
Alfalfa	Deschutes	Moderate
Bend	Deschutes	Moderate
Greater La Pine	Deschutes	Moderate
Green	Deschutes	Moderate
Upper Deschutes River	Deschutes	Moderate
Elk Lake	Deschutes	Low
Azalea	Douglas	High
Canyonville	Douglas	High
Cavitt Creek	Douglas	High
Cow Creek	Douglas	High
Days Creek	Douglas	High
Drew	Douglas	High
Fortune Branch Cow Creek	Douglas	High
Freezeout Creek	Douglas	High
Glendale	Douglas	High
Lemolo	Douglas	High
Lemolo Lake	Douglas	High

Name of Community	County	Rating
Little River	Douglas	High
Milo	Douglas	High
North Umpqua Village	Douglas	High
Riddle	Douglas	High
South Umpqua	Douglas	High
Steamboat	Douglas	High
Susan Creek	Douglas	High
Tenmile	Douglas	High
Tiller	Douglas	High
Toketee	Douglas	High
Upper Ollala Camas Tenmile	Douglas	High
Camas Valley	Douglas	Moderate
Dillard	Douglas	Moderate
Fair Oaks	Douglas	Moderate
Glide	Douglas	Moderate
Kellogg	Douglas	Moderate
Lookingglass	Douglas	Moderate
Loon Lake	Douglas	Moderate
Myrtle Creek	Douglas	Moderate
Rice Hill	Douglas	Moderate
Riddle Canyonville	Douglas	Moderate
Tri-City	Douglas	Moderate
Winston	Douglas	Moderate
Diamond Lake	Douglas	Low
Drain	Douglas	Low
Elkton	Douglas	Low
Gardiner	Douglas	Low
North Umpqua	Douglas	Low
Oakland	Douglas	Low
Reedsport	Douglas	Low
Roseburg	Douglas	Low
Scottsburg	Douglas	Low
Winchester Bay	Douglas	Low
Yoncalla	Douglas	Low
Condon	Gilliam	Moderate
Lonerock	Gilliam	Moderate
Arlington	Gilliam	Low
Bates	Grant	High
Bear Valley	Grant	High
Beech Creek	Grant	High

Name of Community	County	Rating
Canyon City	Grant	High
Dayville	Grant	High
Granite	Grant	High
Monument	Grant	High
Mt Vernon	Grant	High
Prairie City	Grant	High
Seneca	Grant	High
Tamarack Camp Ground	Grant	High
John Day	Grant	Moderate
Long Creek	Grant	Moderate
Burns	Harney	High
Crane	Harney	High
Diamond	Harney	High
Drewsey	Harney	High
Fields	Harney	High
Narrows	Harney	High
Riley	Harney	High
Hood River	Hood River	Moderate
Parkdale	Hood River	Moderate
Cascade Locks	Hood River	Low
Applegate	Jackson	High
Ashland	Jackson	High
Butte Falls	Jackson	High
Colestin	Jackson	High
Crowfoot Falls	Jackson	High
Eagle Point	Jackson	High
Elk Creek	Jackson	High
Jackson	Jackson	High
Jacksonville	Jackson	High
Lake Creek	Jackson	High
Pioneer Village	Jackson	High
Prospect	Jackson	High
Rogue River	Jackson	High
Ruch	Jackson	High
Shady Cove	Jackson	High
Whetstone	Jackson	High
White City	Jackson	High
Wimer	Jackson	High
Central Point	Jackson	Moderate
Gold Hill	Jackson	Moderate

Name of Community	County	Rating
Medford	Jackson	Moderate
Phoenix	Jackson	Moderate
Crooked River Ranch	Jefferson	High
Culver	Jefferson	High
Grandview	Jefferson	High
Juniper Butte	Jefferson	High
Madras	Jefferson	High
Montgomery Shores	Jefferson	High
Round Butte	Jefferson	High
Trout Creek	Jefferson	High
Upper Metolius	Jefferson	High
Warm Springs	Jefferson	High
Cave Junction	Josephine	High
Grants Pass	Josephine	High
Kerby	Josephine	High
Merlin	Josephine	High
Selma	Josephine	High
Williams	Josephine	High
Wolf Creek	Josephine	High
Bly Mountain	Klamath	High
Crescent	Klamath	High
Illinois Valley	Klamath	High
Keno	Klamath	High
Powers Meadows	Klamath	High
Bly	Klamath	Moderate
Bonanza	Klamath	Moderate
Chemult	Klamath	Moderate
Chiloquin	Klamath	Moderate
Crater Lake National Park	Klamath	Moderate
Harriman	Klamath	Moderate
Klamath Falls	Klamath	Moderate
Merrill	Klamath	Moderate
Rocky Point	Klamath	Moderate
Sand Creek	Klamath	Moderate
Seven Basins	Klamath	Moderate
Sycan Estates	Klamath	Moderate
Walker Range	Klamath	Moderate
Lake of the Woods	Klamath	Low
Malin	Klamath	Low
Christmas Valley	Lake	Moderate

Name of Community	County	Rating
Drew's Gap	Lake	Moderate
Drews Reservoir	Lake	Moderate
Lakeview	Lake	Moderate
New Pine Creek	Lake	Moderate
Paisley	Lake	Moderate
Silver Lake	Lake	Moderate
Summer Lake	Lake	Moderate
Pleasant Hill	Lane	High
Cottage Grove	Lane	Moderate
Creswell	Lane	Moderate
Dexter	Lane	Moderate
Hazeldell	Lane	Moderate
Lowell	Lane	Moderate
Lower McKenzie	Lane	Moderate
Oakridge	Lane	Moderate
Upper McKenzie	Lane	Moderate
Walker	Lane	Moderate
Westfir	Lane	Moderate
Coburg	Lane	Low
Deadwood	Lane	Low
Dunes City	Lane	Low
Eugene	Lane	Low
Glenwood	Lane	Low
Goshen	Lane	Low
Junction City	Lane	Low
Lorane	Lane	Low
Mapleton	Lane	Low
McKenzie	Lane	Low
Mohawk	Lane	Low
Rainbow	Lane	Low
Santa Clara, Eugene	Lane	Low
Siuslaw	Lane	Low
Springfield	Lane	Low
Swisshome	Lane	Low
Veneta	Lane	Low
Willakenzie	Lane	Low
Toledo	Lincoln	Moderate
Depoe Bay	Lincoln	Low
Newport	Lincoln	Low
Salishan	Lincoln	Low

Name of Community	County	Rating
Seal Rock	Lincoln	Low
Siletz	Lincoln	Low
Spring Valley State Park	Lincoln	Low
Tidewater	Lincoln	Low
Yachats	Lincoln	Low
Clear Lake Resort	Linn	High
Lost Prairie	Linn	High
Marion Forks	Linn	Moderate
New Idanha	Linn	Moderate
South Shore	Linn	Moderate
Albany	Linn	Low
Halsey	Linn	Low
Harrisburg	Linn	Low
Lebanon	Linn	Low
Lower Willamette	Linn	Low
Lyons	Linn	Low
Scio	Linn	Low
Sweet Home	Linn	Low
Tadmor	Linn	Low
Tangent	Linn	Low
Burns Junction	Malheur	High
Harper	Malheur	High
Jordan Valley	Malheur	High
Juntura	Malheur	High
McDermitt	Malheur	High
Owyhee Reservoir	Malheur	High
Riverside	Malheur	High
Rockville	Malheur	High
Ontario	Malheur	Moderate
Ontario Heights	Malheur	Moderate
Rome	Malheur	Moderate
Vale	Malheur	Moderate
Adrian	Malheur	Low
Annex	Malheur	Low
Nyssa	Malheur	Low
Detroit	Marion	High
Elkhorn	Marion	High
Idanha	Marion	High
Mill Creek	Marion	High
Drakes Crossing	Marion	Moderate

Name of Community	County	Rating
Stayton	Marion	Moderate
Aumsville	Marion	Low
Aurora	Marion	Low
Gates	Marion	Low
Hubbard	Marion	Low
Jefferson	Marion	Low
Keizer	Marion	Low
Mill City	Marion	Low
Monitor	Marion	Low
Mt Angel	Marion	Low
Orchard View	Marion	Low
Salem	Marion	Low
Scotts Mills	Marion	Low
Silverton	Marion	Low
St Paul	Marion	Low
Sublimity	Marion	Low
Turner	Marion	Low
Woodburn	Marion	Low
Black Mountain	Morrow	High
Cutsforth Park	Morrow	High
Heppner	Morrow	High
Ione	Morrow	High
Lake Penland	Morrow	High
Morrow CO OHV Park	Morrow	High
Irrigon	Morrow	Moderate
Lexington	Morrow	Moderate
Boardman	Morrow	Low
Corbett	Multnomah	Low
Crystal Springs	Multnomah	Low
Fairview	Multnomah	Low
Gresham	Multnomah	Low
Maywood Park	Multnomah	Low
Portland	Multnomah	Low
Riverdale	Multnomah	Low
Sauvie Island	Multnomah	Low
Troutdale	Multnomah	Low
Warrendale	Multnomah	Low
Dallas	Polk	Low
Falls City	Polk	Low
Fort Hill	Polk	Low

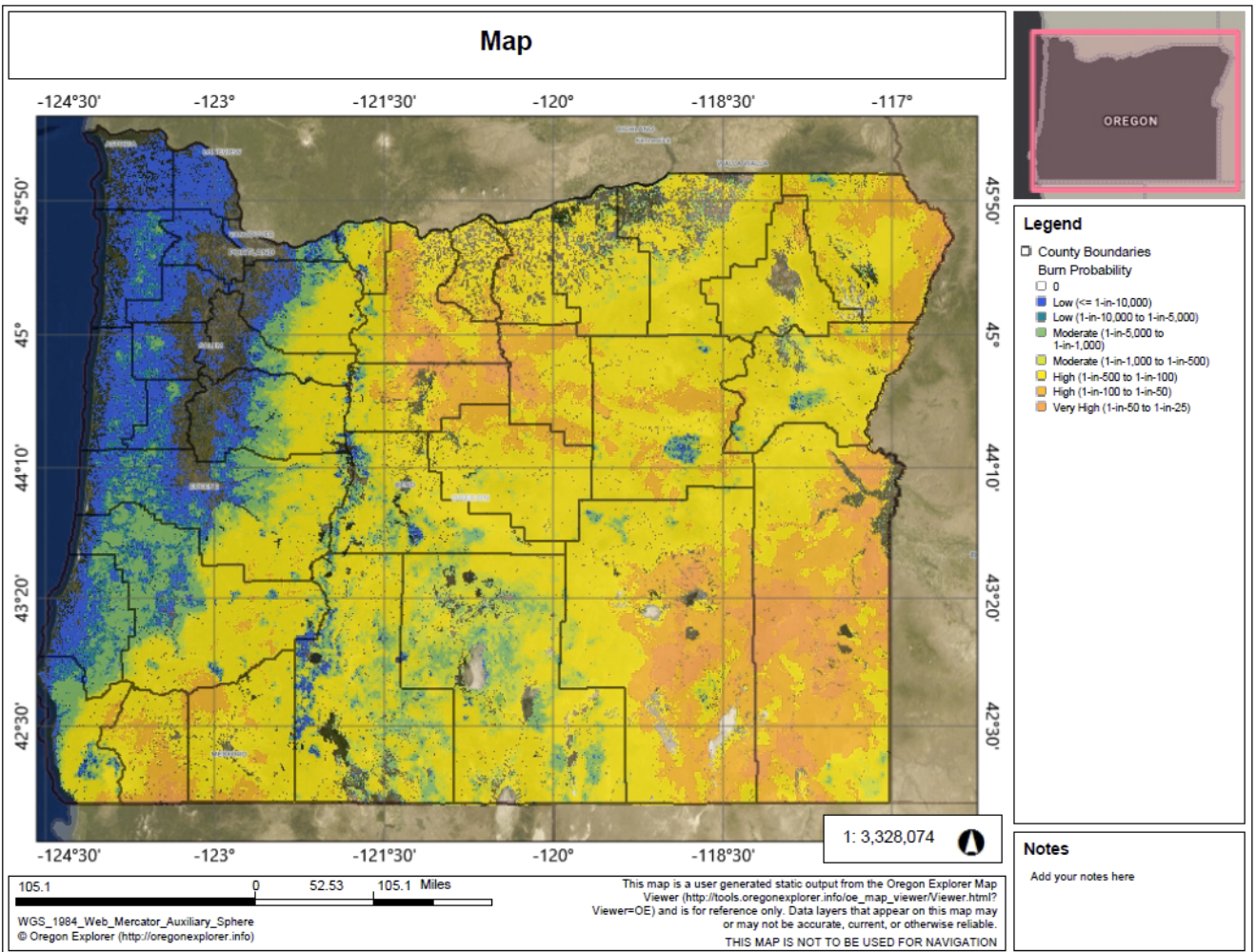
Name of Community	County	Rating
Independence	Polk	Low
West Valley	Polk	Low
Grass Valley	Sherman	High
Moro	Sherman	Moderate
Rufus	Sherman	Moderate
Wheeler	Tillamook	Moderate
Bay City	Tillamook	Low
Camp Magruder	Tillamook	Low
Cape Meares	Tillamook	Low
Garibaldi	Tillamook	Low
Kilchis	Tillamook	Low
Manhattan Beach	Tillamook	Low
Manzanita	Tillamook	Low
Nedonna Beach	Tillamook	Low
Nehalem	Tillamook	Low
Netarts	Tillamook	Low
Rockaway Beach	Tillamook	Low
Siskeyville	Tillamook	Low
Tillamook	Tillamook	Low
Winema Beach	Tillamook	Low
Battle Mountain	Umatilla	High
Dry Creek	Umatilla	High
Lehman Hot Springs	Umatilla	High
McKay Creek	Umatilla	High
Pendleton	Umatilla	High
Pilot Rock	Umatilla	High
Tollgate Spout Springs	Umatilla	High
Ukiah	Umatilla	High
Weston Mountain	Umatilla	High
Echo	Umatilla	Moderate
Helix	Umatilla	Moderate
Hermiston	Umatilla	Moderate
Milton-Freewater	Umatilla	Moderate
Mission	Umatilla	Moderate
Rieth	Umatilla	Moderate
Stanfield	Umatilla	Moderate
Umatilla	Umatilla	Moderate
Umapine	Umatilla	Low
Walla Walla River Corridor	Umatilla	Low
Camp Elkanah	Union	High

Name of Community	County	Rating
Catherine Creek	Union	High
Kamela	Union	High
Medical Springs	Union	High
Mt. Emily	Union	High
Perry Hilgard	Union	High
Rysdam Duncan Canyon	Union	High
South Fork Catherine Creek	Union	High
Spout Springs	Union	High
Starkey	Union	High
Stubblefield Mountain	Union	High
Summerville	Union	High
Union	Union	High
Cove	Union	Moderate
Elgin	Union	Moderate
Glass Hill	Union	Moderate
Imbler	Union	Moderate
Island City	Union	Moderate
La Grande	Union	Moderate
North Powder	Union	Moderate
S. Fork Catherine Creek	Union	Moderate
Blue Spring	Wallowa	High
Flora	Wallowa	High
Imnaha	Wallowa	High
Minam	Wallowa	High
Troy	Wallowa	High
Upper Lostine	Wallowa	High
Bartlett	Wallowa	Moderate
Eden Bench	Wallowa	Moderate
Enterprise	Wallowa	Moderate
Hurricane Point	Wallowa	Moderate
Little Sheep Creek	Wallowa	Moderate
Sheep Creek	Wallowa	Moderate
South Fork Lostine River Subdivision	Wallowa	Moderate
Wallowa Lake	Wallowa	Moderate
Wallowa	Wallowa	Low
Zumwalt	Wallowa	Low
Big Muddy Ranch	Wasco	High
Juniper Flat	Wasco	High
Maupin	Wasco	High

Name of Community	County	Rating
Mosier	Wasco	High
Pine Grove	Wasco	High
Pine Hollow	Wasco	High
Rail Hollow	Wasco	High
Shaniko	Wasco	High
The Dalles	Wasco	High
Tygh Valley	Wasco	High
Wamic	Wasco	High
White River	Wasco	High
Antelope	Wasco	Moderate
Dufur	Wasco	Moderate
Chenoweth	Wasco	Low
Rock Creek	Washington	High
Shady Brook	Washington	Moderate
Banks	Washington	Low
Cedar Mill	Washington	Low
Cornelius	Washington	Low
Durham	Washington	Low
Forest Grove	Washington	Low
Gaston	Washington	Low
Hillsboro	Washington	Low
Tualatin Valley	Washington	Low
Camp Hancock	Wheeler	High
Kinzua Golf Course	Wheeler	High
Mitchell	Wheeler	High
Spray	Wheeler	High
Twickenham	Wheeler	High
Fossil	Wheeler	Moderate
Amity	Yamhill	Low
Carlton	Yamhill	Low
Dayton	Yamhill	Low
Dundee	Yamhill	Low
Lafayette	Yamhill	Low
McMinnville	Yamhill	Low
Nestucca	Yamhill	Low
Sheridan	Yamhill	Low
Trask	Yamhill	Low
Yamhill	Yamhill	Low

MAPS

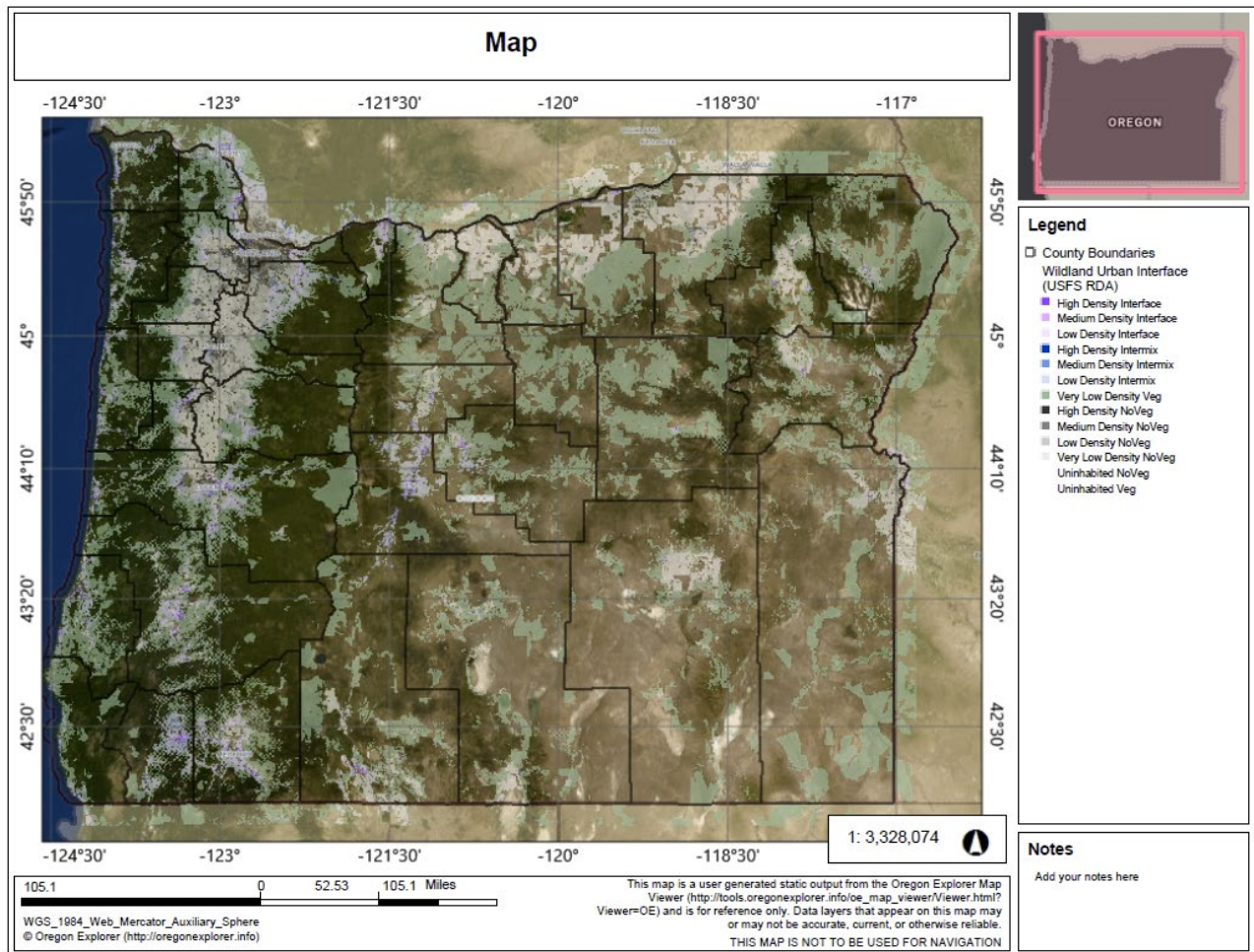
Burn Probability: (Map 1)



Mean Burn Probability is the likelihood of a wildfire >250 acres burning in a given location, based on wildfire simulation modeling and averaged over the subwatershed (6th-level hydrologic unit, or ~10k-40k acres). **This is an annual burn probability, adjusted to be consistent with the historical area burned by escaped wildfires.** Viewing local small fires (available in this map viewer) in conjunction with burn probability can give a more comprehensive view of local fire history and potential.

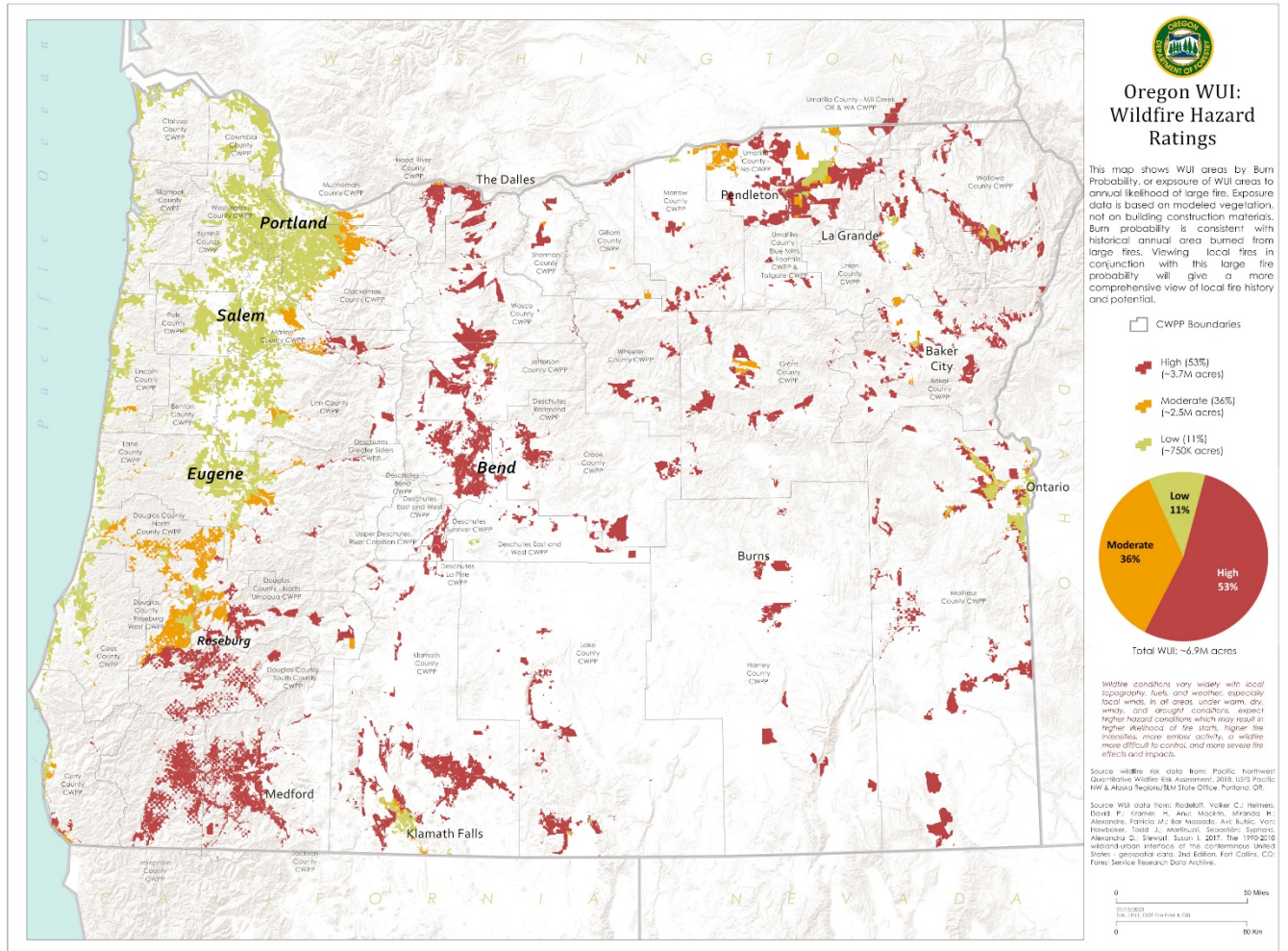
Be aware that conditions vary widely with local topography, fuels, and weather, especially local winds. In all areas, under warm, dry, windy, and drought conditions, expect higher likelihood of fire starts, higher fire intensities, more ember activity, a wildfire more difficult to control, and more severe fire effects and impacts.

WUI layer: (Map 2)



The wildland-urban interface (WUI) is the area where houses meet or intermingle with undeveloped wildland vegetation. This makes the WUI a focal area for human-environment conflicts such as wildland fires, habitat fragmentation, invasive species, and biodiversity decline. Using geographic information systems (GIS), we integrated U.S. Census and USGS National Land Cover Data, to map the Federal Register definition of WUI (Federal Register 66:751, 2001) for the conterminous United States from 1990-2010.

Communities at Risk and WUI: (Map 3)



This map shows WUI areas by Burn Probability, or exposure of WUI areas to annual likelihood of large fire. Exposure data is based on modeled vegetation, not on building construction materials. Burn probability is consistent with historical annual area burned from large fires. Viewing local fires in conjunction with this large fire probability provides a more comprehensive view of local fire history and potential.

HOW COMMUNITIES AT RISK TIE TO COMMUNITY WILDFIRE PROTECTION PLANS

The biggest difference between this CARs report and Community Wildfire Protection Plans (CWPPs) is the scale to which the assessment was made. The communities at risk assessment data was collected at a statewide level utilizing data uniformly applied across all areas of the state. This results in a broad view of risk for the state, but does not catch the smaller nuances of wildfire risk at the local level.

CWPP's bring an element of local knowledge and expertise that takes into account criteria such as building materials, defensible space, ingress/egress issues, and other elements identified as concerns and priorities at ground level of the assessments. CWPP's are more effective for use of prioritization at a local level, where this report addresses statewide prioritization. Although all communities listed in the CWPP's for each county were identified as part of the WUI in this report, ratings of *high*, *medium*, or *low* may differ at the finer scale of a CWPP.

According to the Healthy Forest Restoration Act (HFRA), the WUI can be identified in the absence of a CWPP to within a ½ mile of an at-risk community's boundary, or within 1 ½ miles when mitigating circumstances exist such as sustained steep slopes or geographic features creating a fire break. National guidance for both assessments at the state and the local level require evaluation of the same four factors: Risk, hazard, protection capability, and values.