

Senate Interim Committee on Wildfire Reduction and Recovery

June 5, 2010



Peter Daugherty, State Forester
Doug Grafe, Chief of Fire Protection

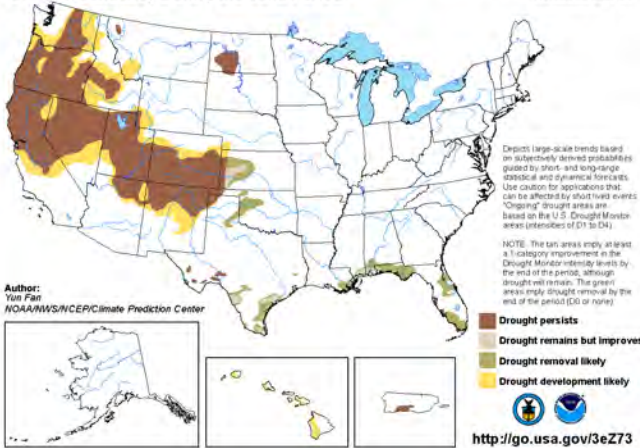
ShangriLa Lane Fire
4/21/2020, ODF-SWO District



Drought Outlook and Monitor

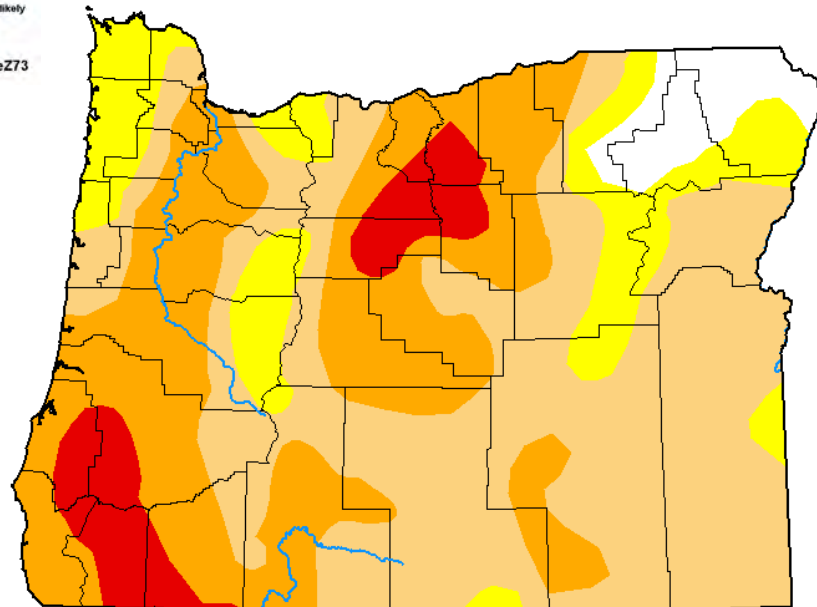
U.S. Seasonal Drought Outlook Drought Tendency During the Valid Period

Valid for May 21 - August 31, 2020
Released May 21

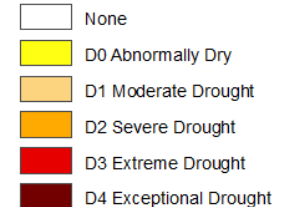


U.S. Drought Monitor Oregon

May 26, 2020
(Released Thursday, May. 28, 2020)
Valid 8 a.m. EDT



Intensity:



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

Curtis Riganti
National Drought Mitigation Center



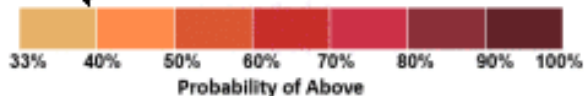
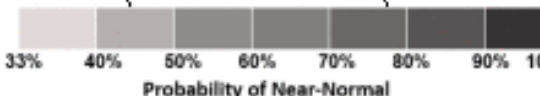
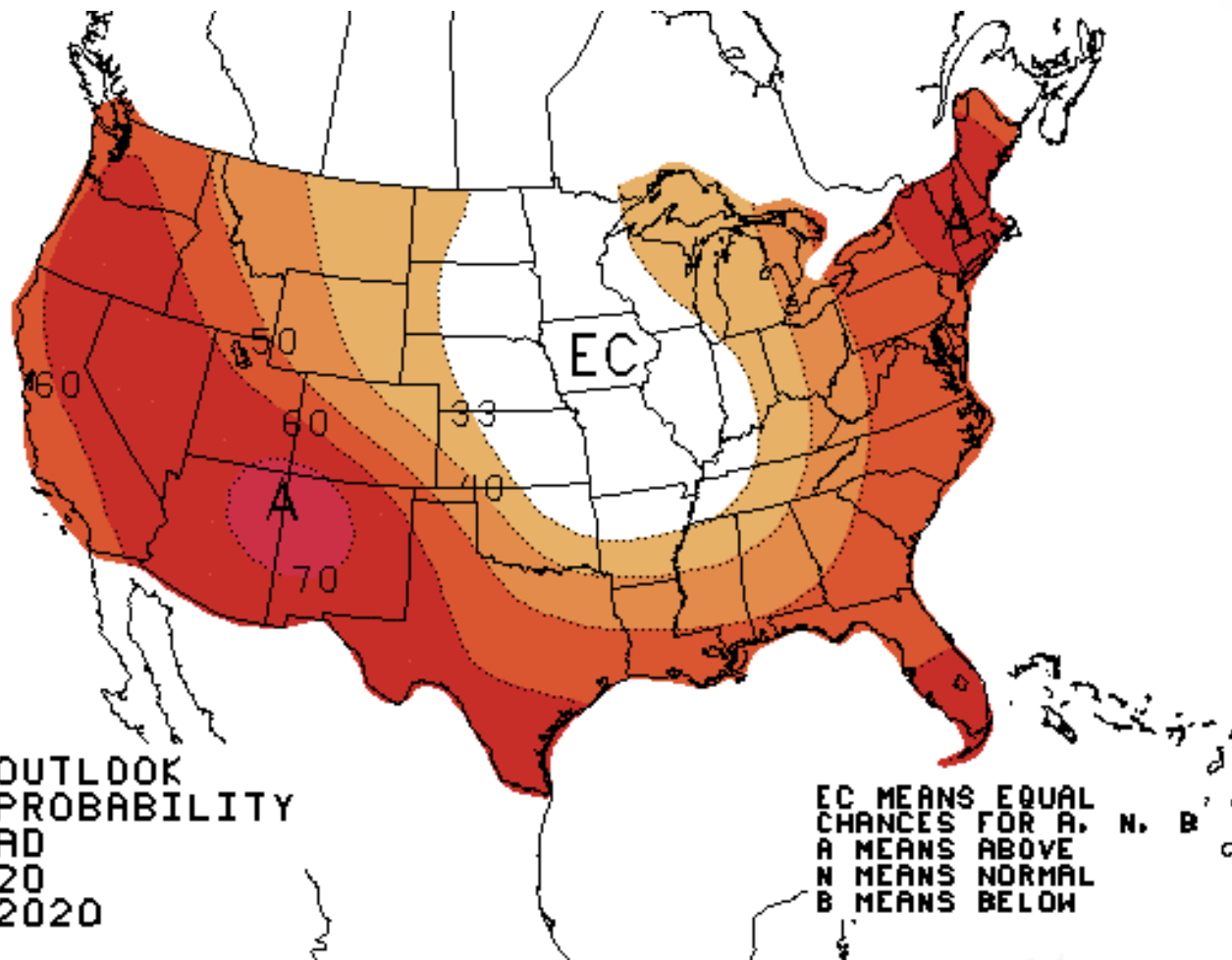


Temperature Outlook

June, July, August 2020



THREE-MONTH OUTLOOK
TEMPERATURE PROBABILITY
0.5 MONTH LEAD
VALID JJA 2020
MADE 21 MAY 2020

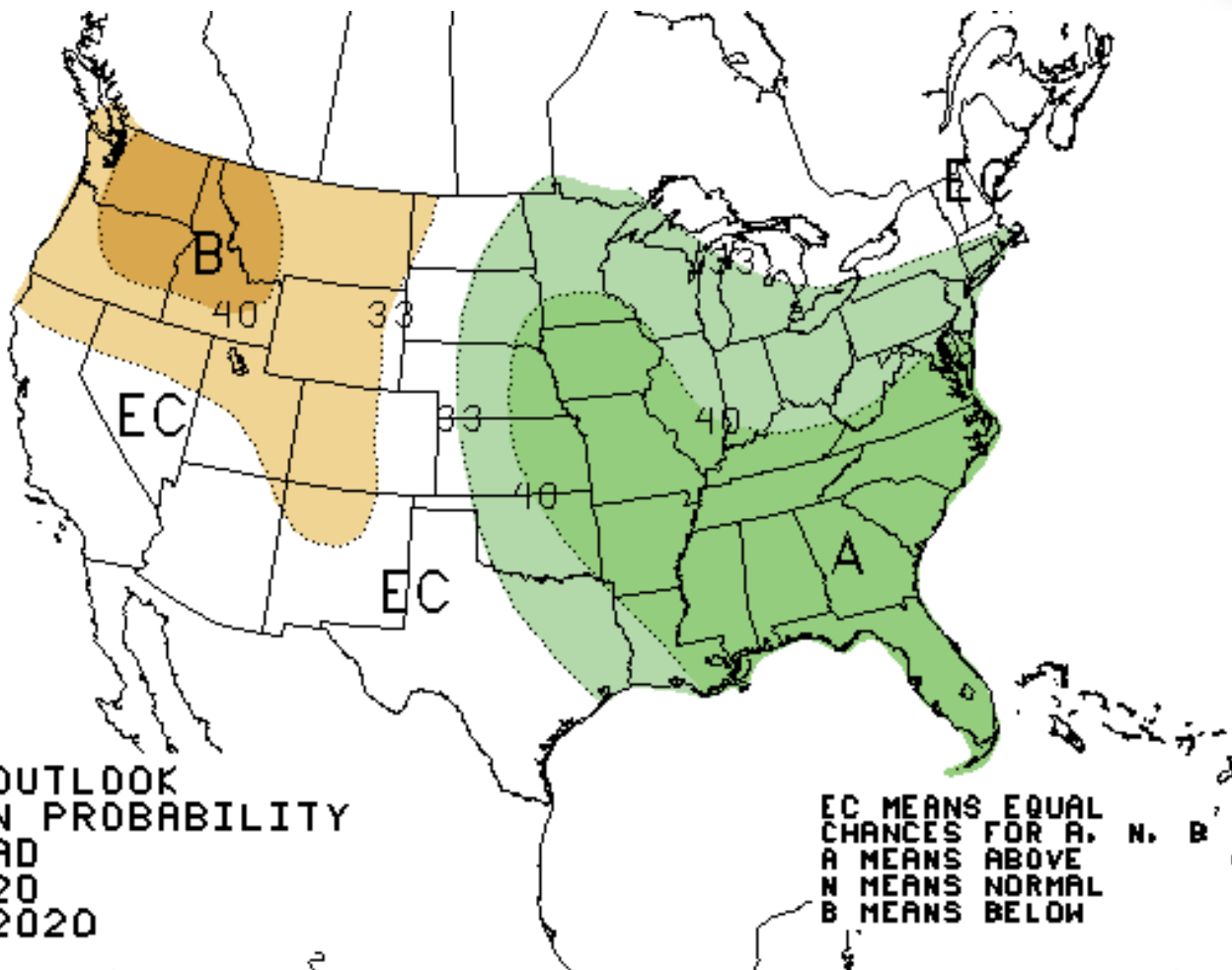


Precipitation Outlook

June, July, August 2020



THREE-MONTH OUTLOOK
PRECIPITATION PROBABILITY
0.5 MONTH LEAD
VALID JJA 2020
MADE 21 MAY 2020



EC MEANS EQUAL
CHANCES FOR A. N. B.
A MEANS ABOVE
N MEANS NORMAL
B MEANS BELOW



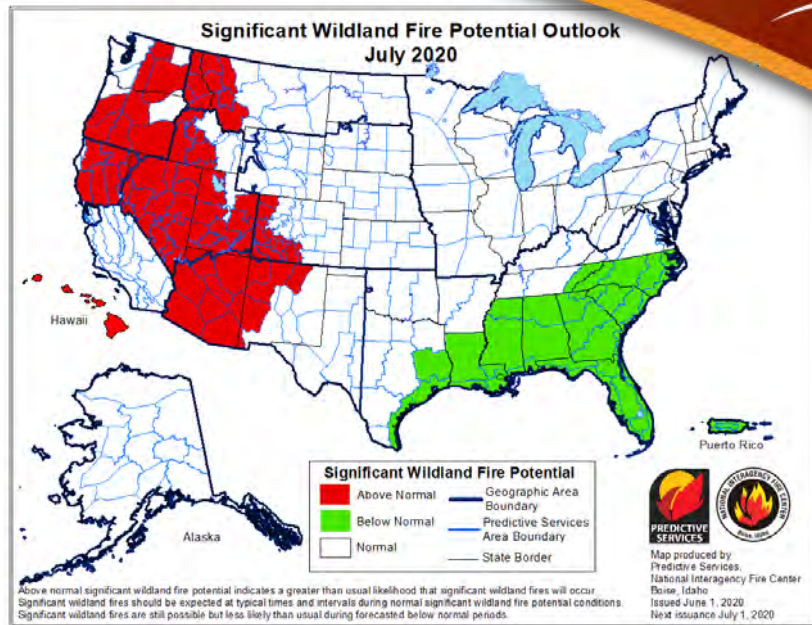
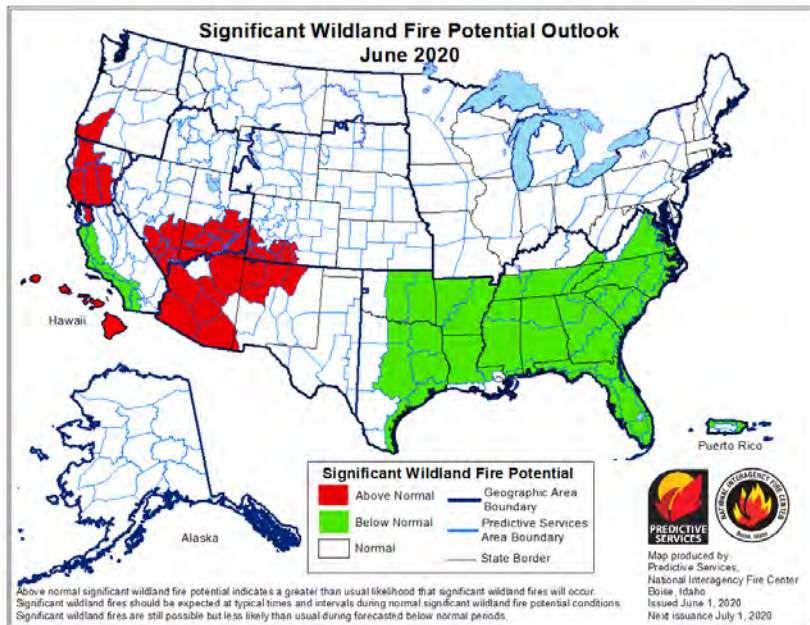
Probability of Below



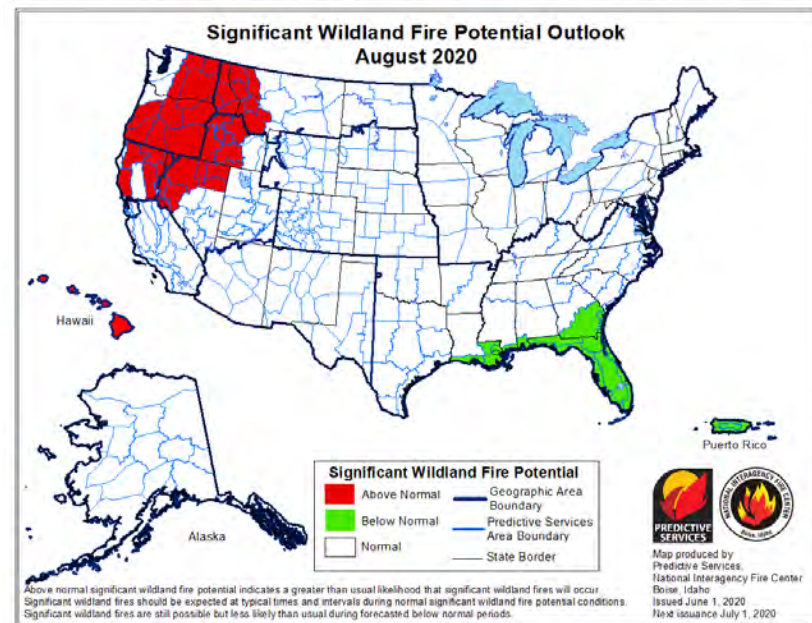
Probability of Near-Normal



Probability of Above



June, July, August Wildfire Potential





Fire Statistics to date

June 1, 2020

2020 Year To Date

	Fires	Acres
Lightning	16	1
Human	162	186
Total	178	187

10-Year Average (2010-2019 Year To Date)

Lightning	13	10
Human	95	454
Total	108	464

96%

fires kept at 10 acres or less
to date in 2020



2020 vs 10 Year Average

- 71% more human fires
- 23% more lightning fires
- 60% less total acres burned than our 10-yr average



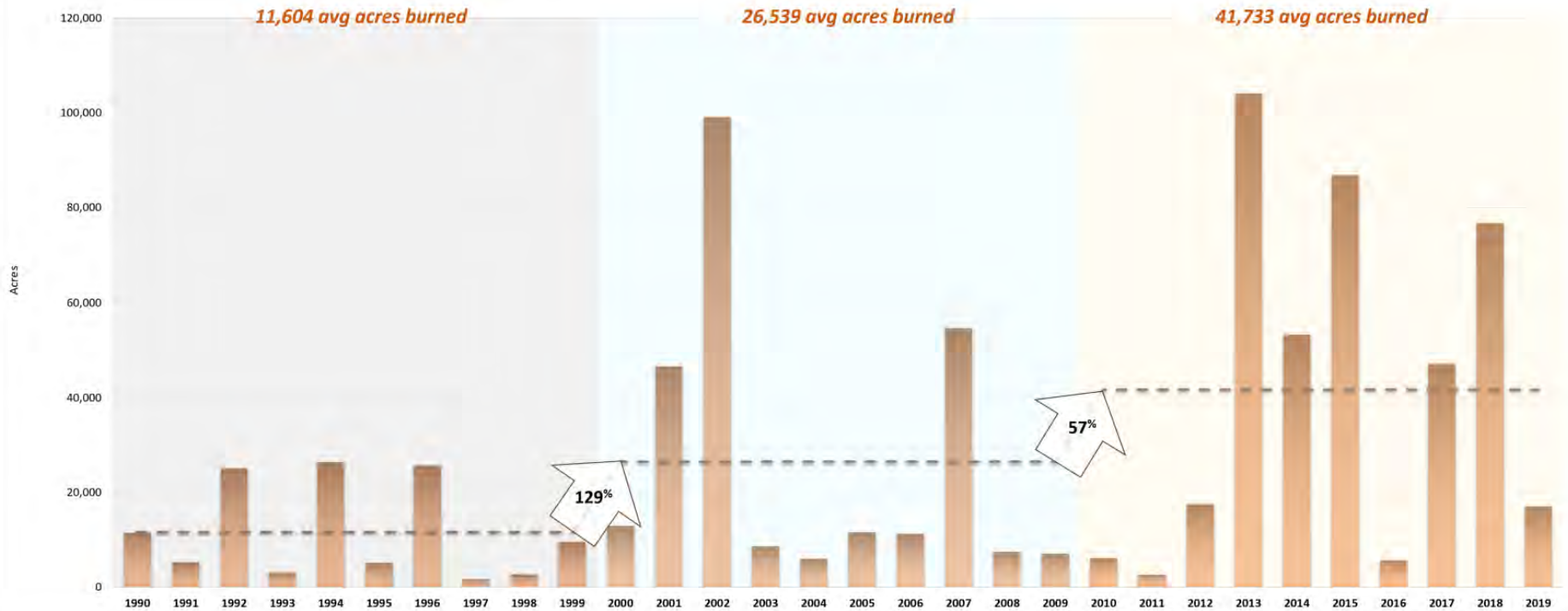
ODF Protected Lands

Average Acres Burned by Decade



ODF Protected Lands - Average Acres Burned by Decade

05/04/2020 ODF Fire data



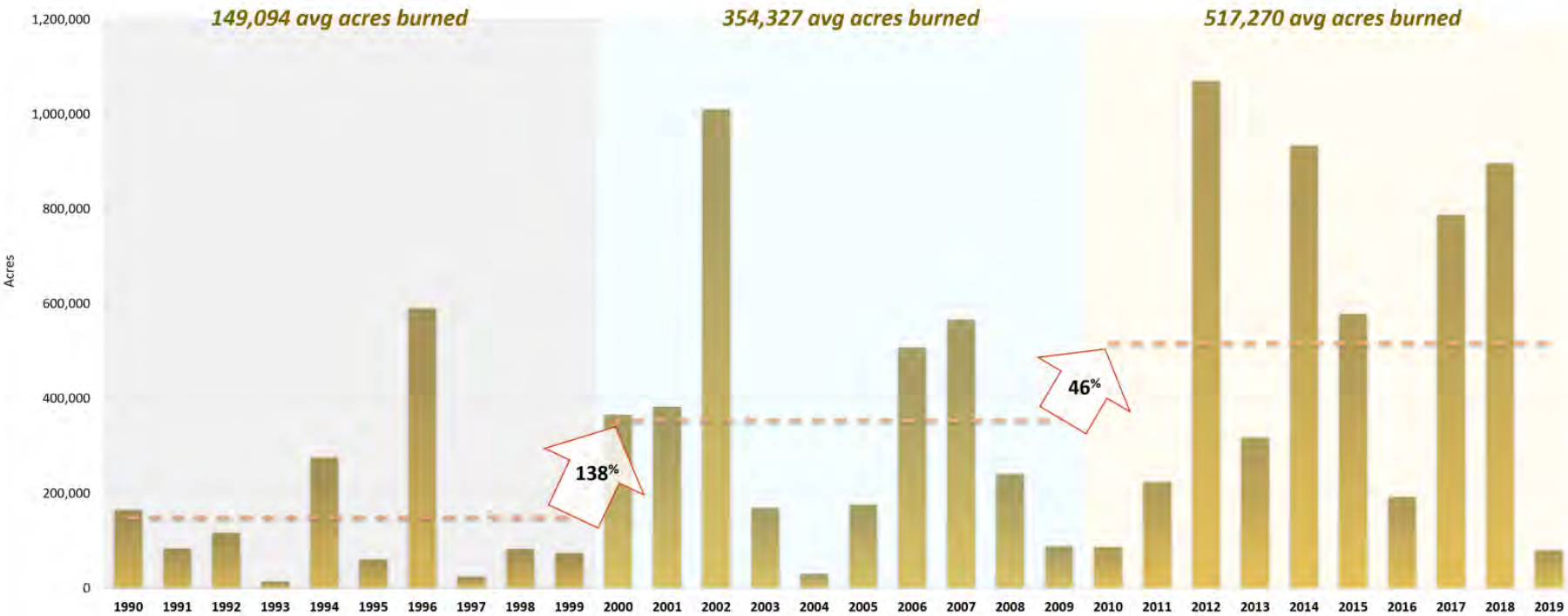


Oregon Statewide – All Agencies Average Acres Burned by Decade



Oregon All Agencies - Average Acres Burned by Decade

05/04/2020 WFDSS: Short, NW&C, DDF





2020 Fire Season Readiness

Covid-19 Preparedness

[OPB Think Out Loud](#)

Readiness/Preparedness

- Training
- Wildfire prevention/public information

Initial Attack

- Aggressive and safe initial attack
- Keep large fires off the landscape

Extended Attack/IMT Support

- Closed Incident Command Post
- Forward operating base camp



May – Wildfire Awareness Month

- 2020 Theme: Oregon, Our Oregon.
- Promotes fire prevention and home protection.
- Combined with COVID-19 messaging to reduce smoke impacts and protect all Oregonians and first responders.



State of Oregon
Department of
Environmental
Quality



American
Red Cross

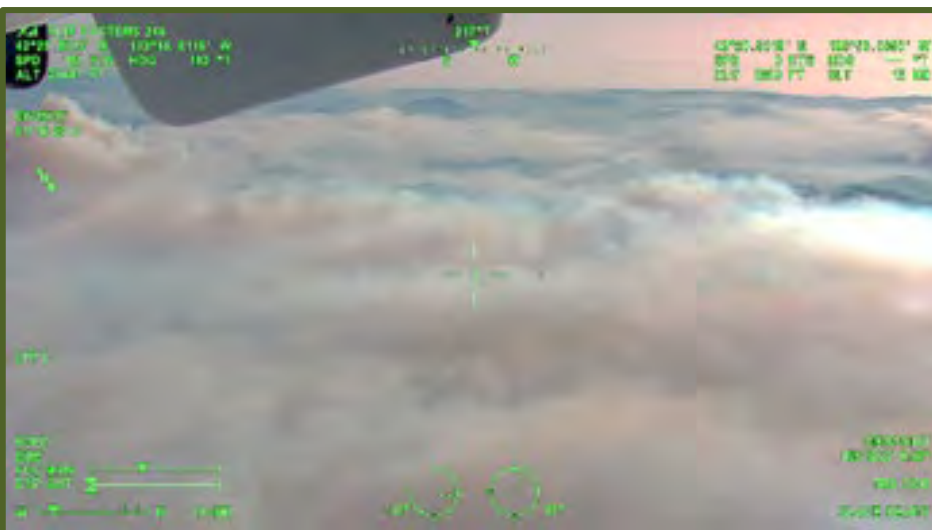




Strategic Investments

Infrared (IR) & Mapping System

- Night Vision Capability
- Mapping and Software
- IR Camera Real-time Data Feed
- Total investment: \$692,336.00





ODF Financial Update

- Governor's Financial Oversight Committee
 - Managing the agency's cash flow heading into 2020 fire season
 - Seeking resolution to carrying large fire costs debt
 - Gaining efficiencies in fire financial operations
- Accounts Receivable Status

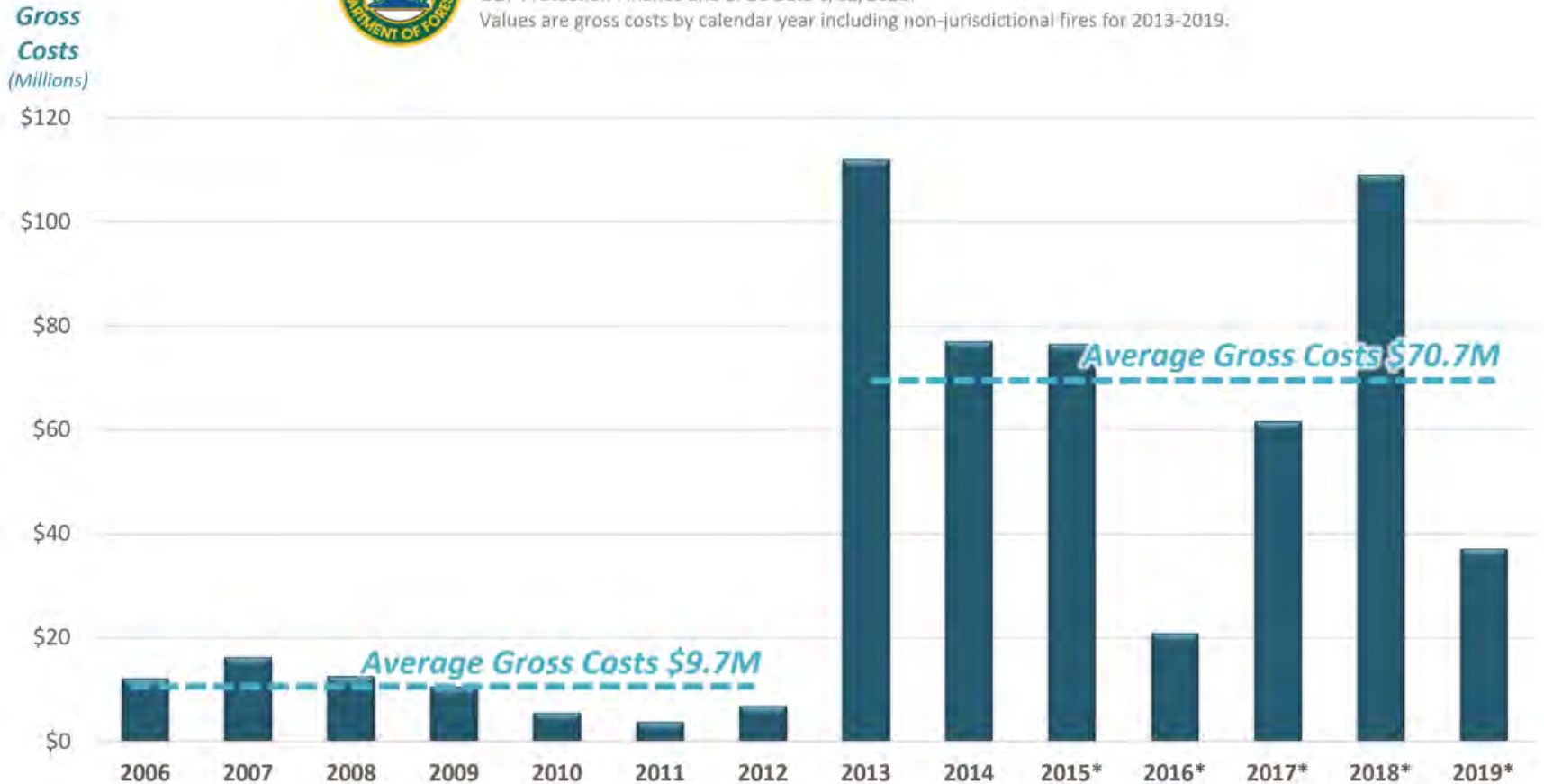
ODF Large Fire Costs 2006 - 2019



ODF Large Fire Costs

ODF Protection Finance and EFCC Data 6/02/2020.

Values are gross costs by calendar year including non-jurisdictional fires for 2013-2019.



*includes draft claims figures

Fire Protection Financial Summary

Fire Seasons 2013-2019
As of 05/18/2020



Fire Protection Large Fire Cost Summary								
Fire Season	2013	2014	2015	2016	2017	2018	2019	Total
Fire Costs	\$112.13	\$77.08	\$76.64	\$20.87	\$61.72	\$109.18	\$37.19	\$494.81
Received To-date	(\$112.12)	(\$75.63)	(\$63.12)	(\$18.77)	(\$51.76)	(\$76.55)	(\$13.06)	(\$410.81)
Invoiced	(\$0.01)	(\$0.85)	(\$10.74)	(\$2.82)	(\$4.38)	(\$25.83)	(\$11.45)	(\$56.08)
Outstanding to Invoice/Reconcile	\$0.00	\$0.80	(\$2.78)	(\$0.72)	(\$5.58)	(\$6.80)	(\$12.68)	(\$27.92)

Notes: (1) Dollars are in millions. (2) Red indicates estimated amount. 2013 and 2014 assume full recoveries on amounts already invoiced to other agencies. (3) Primary Revenue sources include: General Fund, Oregon Forestland Protection Fund, FEMA, insurance, and other agency billings.



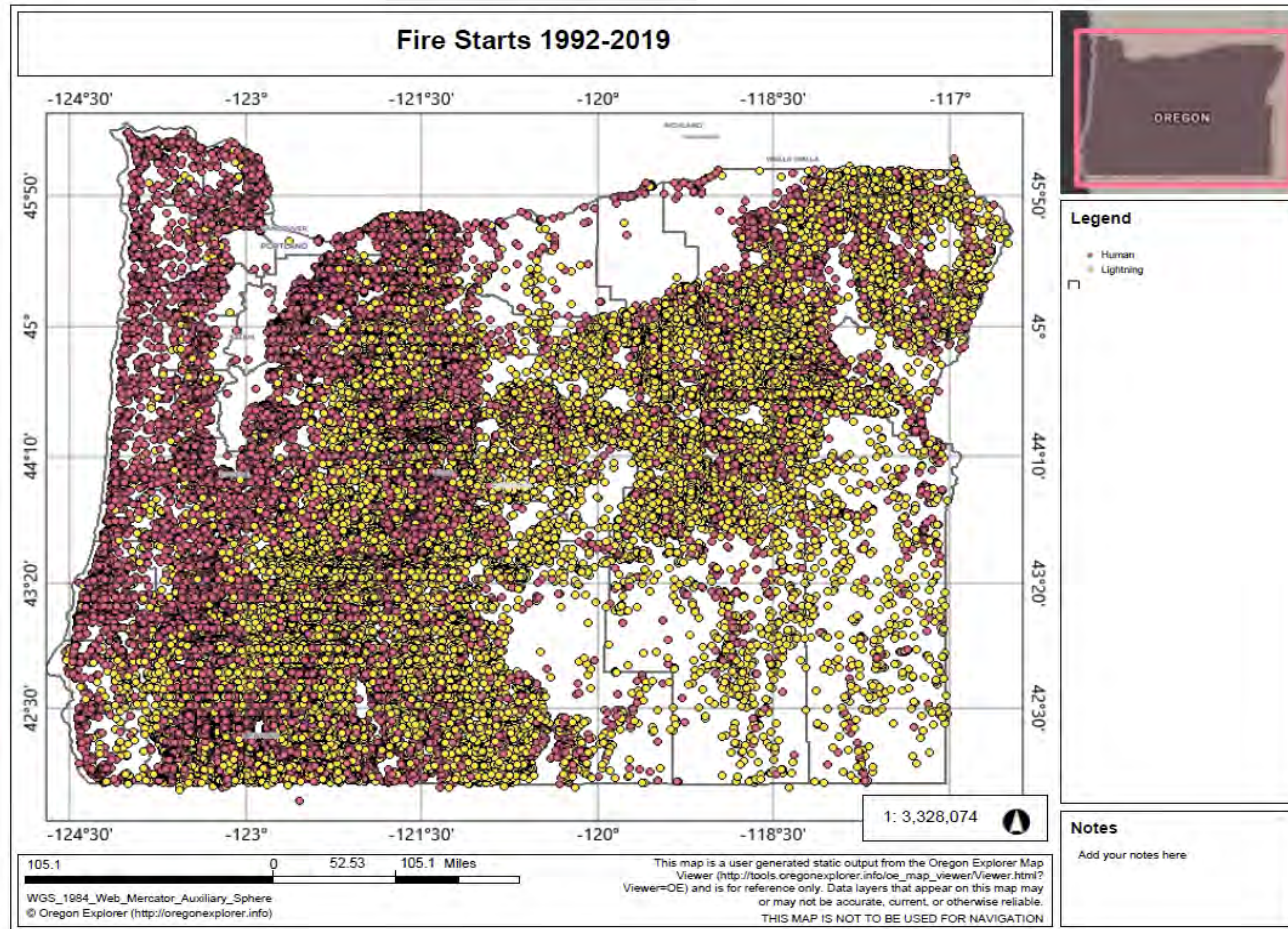
Mitigating the Catastrophic Risk of Wildfire

- Oregon Wildfire Risk Explorer
- Firewise Communities
- Leveraging Landowner Assistance Programs
(*Federal Funding*)
- Shared Stewardship: Good Neighbor
Authority & Federal Forest Restoration
(*Public / Private Partnerships*)



A tool for homeowners, communities, local managers, and planners to access the best and most up to date data.

<https://oregonexplorer.info/topics/wildfire-risk?ptopic=62>



Data includes:

- WUI Boundaries,
- CWPP Boundaries,
- Communities at Risk,
- Burn Probability,
- Overall Risk,
- Fire History and much more

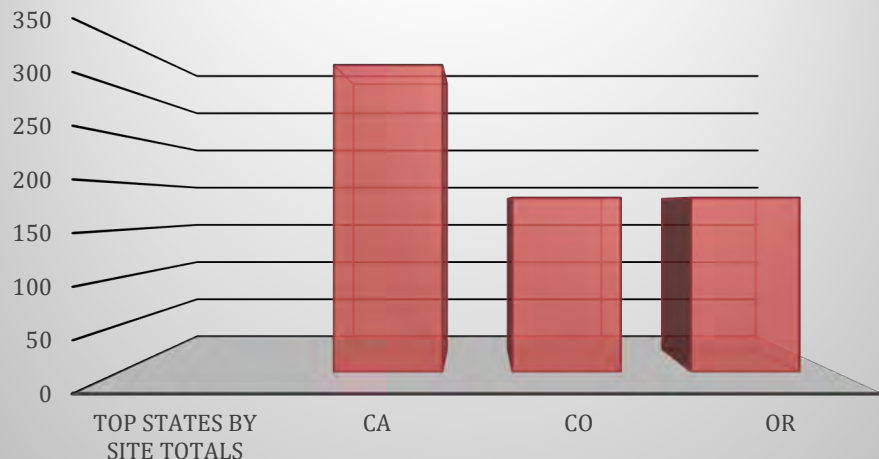


Firewise USA®

Forest Hills
(Grants Pass)



Top 3 States by # of Firewise Sites



Rankings Nationally as of 5/28/2020



Becklin Heights-Barker Drive (Grants Pass)

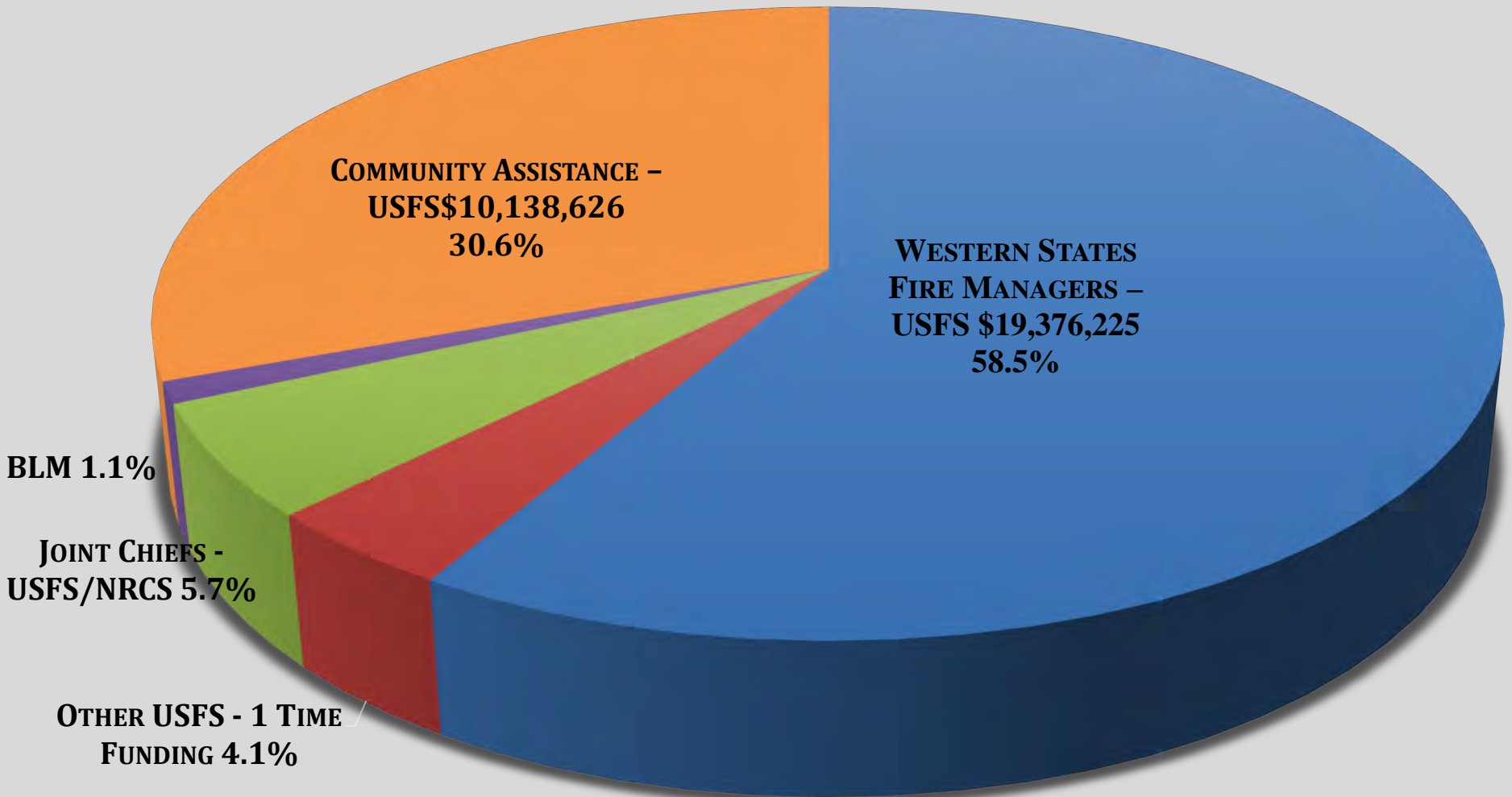


Landowner Assistance

- Western States Fire Managers / Community Assistance (ODF) - *Fuels mitigation and education and outreach efforts in the WUI.*
- SOD/ Bark Beetle Mitigation (ODF) - *Forest health treatments to mitigate outbreaks/diseases/pathogens/insects.*
- NRCS programs/Environmental Quality Incentives Program - *Incentive payment applied to a wide variety of conservation practices on farm and forest land. Incentive payment also provided for development of management plans and some Fuels Mitigation.*
- Emergency Forest Restoration Program (FSA) - *available to help re-establish forest following a natural disaster.*
- Joint Chiefs (NRCS/USFS/ODF)- *fuels reduction/forest health and restoration. (landscape scale resiliency)*
- Wyden Amendment - *Authority that allows FS to enter agreements to restore, enhance and treat non fs lands.*
- Forest Stewardship Program (ODF) - *development of an Oregon Stewardship Plan that encourages active forest management.*



**ODF - WUI FUELS TREATMENTS 2010-2020 BY
FEDERAL FUNDING SOURCE
TOTAL AWARDED \$33,131,027**





WSFM/ Community Assistance



- Reduce Hazardous Fuels / Restore Fire-adapted Ecosystems
- Prioritize defensible space and improve Prevention/Education in the WUI
- Support Community Wildfire Protection Plans
- Enhance local fire response capability
- Prioritize Communities at Risk
- Implement Fuels Reduction Projects *that are beneficial to Federal Lands*

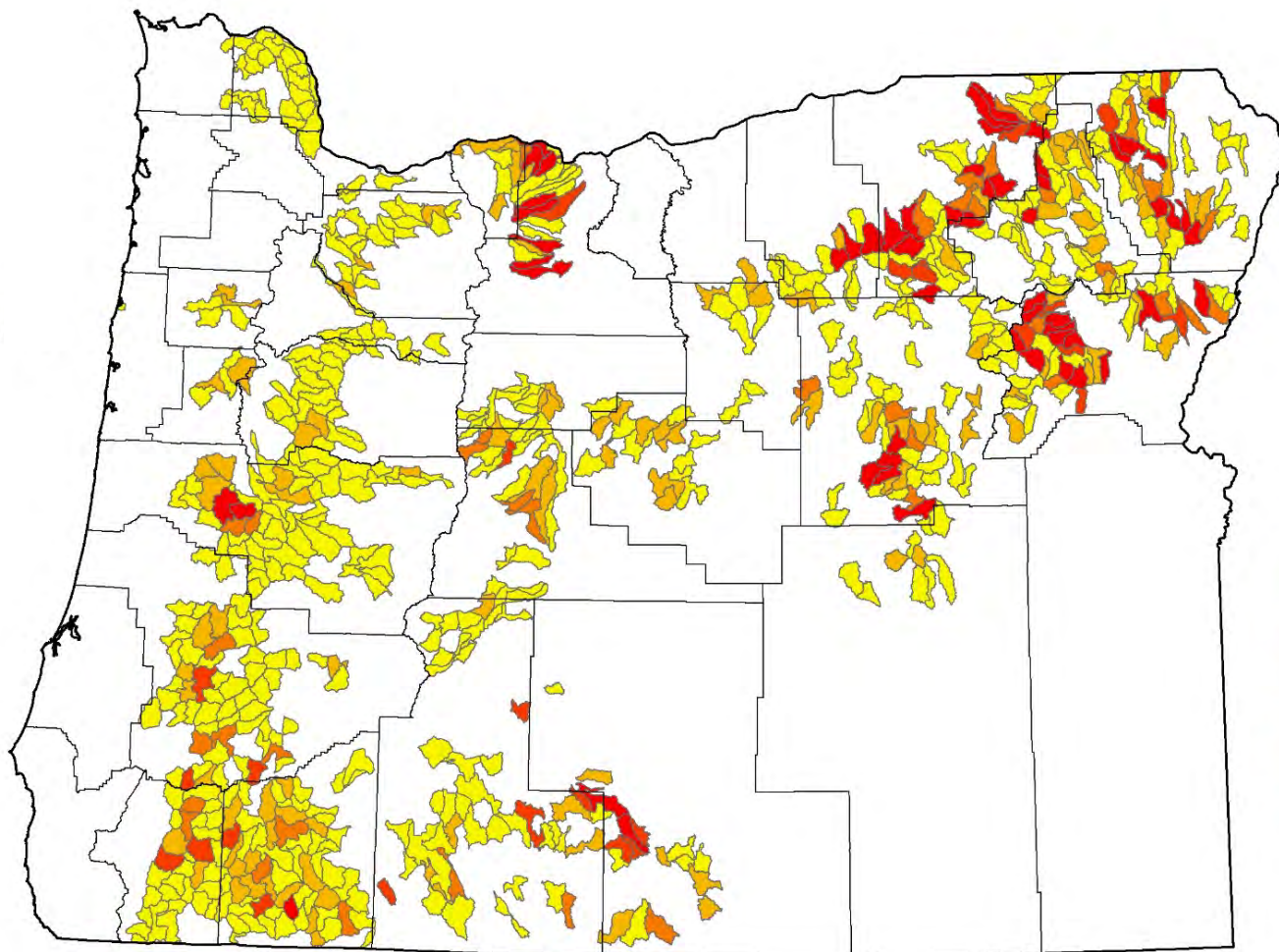
Stats 2010-2020:

- 27,114 acres treated to date. (Goal to treat 37,395 acres across all projects)
- Average of 2,711 acres treated/yr*projects in various phases of completion.
- 10,324 homesites have improved defensible space in the WUI.
- Sudden Oak Death and Bark Beetle result in fuels reduction but not included in totals ~600-800 acres/yr

Purpose: Mitigate risk from wildland fire within the WUI through communities and landowners



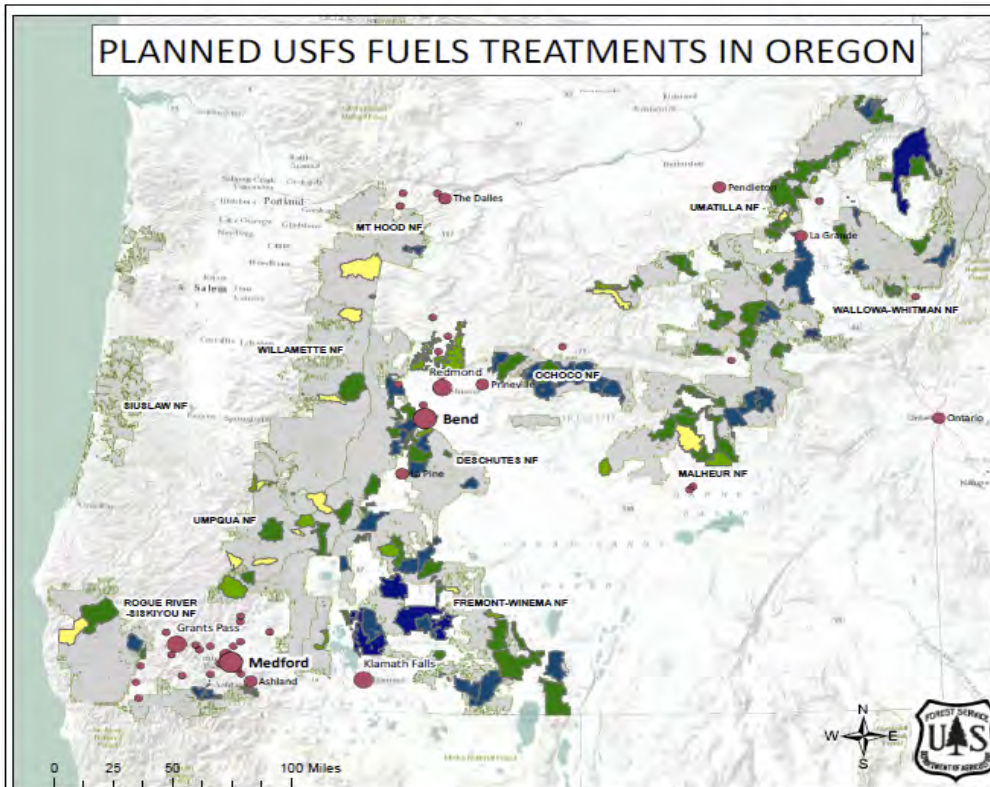
ODF Fuel Treatments by Watershed



Acres Treated within Watershed



Shared Stewardship



Legend

OR Top 50 Communities At Risk

of Exposed Housing Units

- >0 - 5,000
- 5,000 - 10,000
- 10,000 - 25,000
- 25,000 - 50,000

■ National Forests in Oregon

US Forest Service Planned Fuels Projects

Acres of Shelf Stock

- <500
- 500-1,000
- 1,000-10,000
- 10,000-50,000
- 50,000-135,000

National Forest	Planned Prescribed Fire	Planned Mechanical Fuels Reduction	Total Shelf Stock
Deschutes	121,738	141,448	263,186
Fremont-Winema	535,349	113,201	648,550
Malheur	154,700	175,172	329,872
Mt. Hood	4,800	14,000	18,800
Ochoco	176,086	166,955	343,041
Rogue River - Siskiyou	68,465	38,447	106,912
Siuslaw		12,368	12,368
Umatilla	156,063	26,632	182,695
Umpqua	2,000	5,500	7,500
Wallowa-Whitman	157,000	72,000	229,000
Willamette	4,997	13,443	18,440
Columbia River Gorge NSA	14,000	12,000	26,000
TOTAL	1,395,198	791,166	2,186,364

*Reference for Top 50 Communities to wildfire in the Pacific Northwest

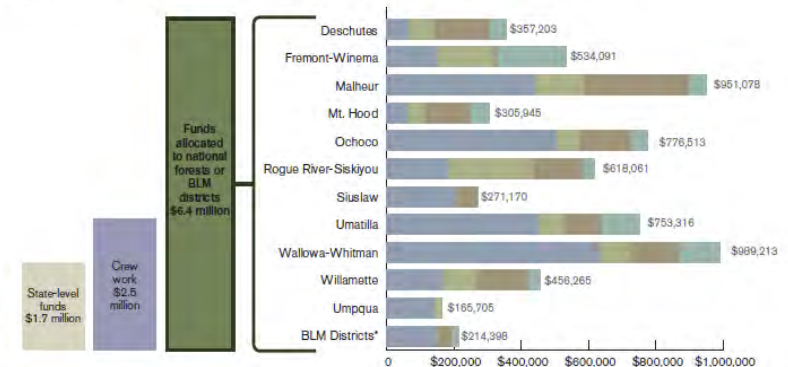
**The term shelf stock is used to NEPA process but has not yet been

***Map captures most major project areas, but not all shelf stock is displayed.

GNA – Sold 14 timber sales to date.
Many additional sales are set up and in process.

These sales produce:
25,484.9 Million Board Feet
\$4,105,812 Total Advertised Value

Figure 3 FFR Program spending by federal land management unit, FY14-19





Oregon's Complete & Coordinated Fire Protection System

