

Rogue Basin Wildfires and Drinking Water Supplies

Senator Jeff Golden, Oregon Senate District 3 & Doug Grafe, Chief of Fire Protection, ODF

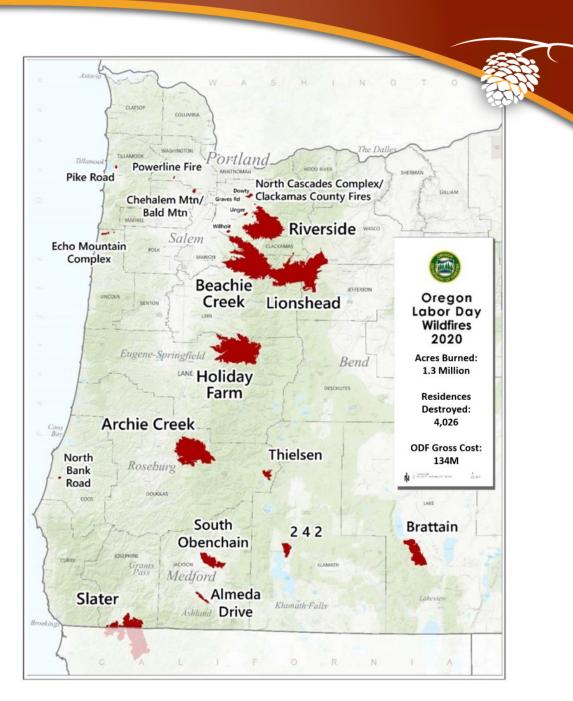
> Tanker drop over Almeda Fire, 2020



Oregon Labor Day Wildfires 2020

Fire Briefing Map

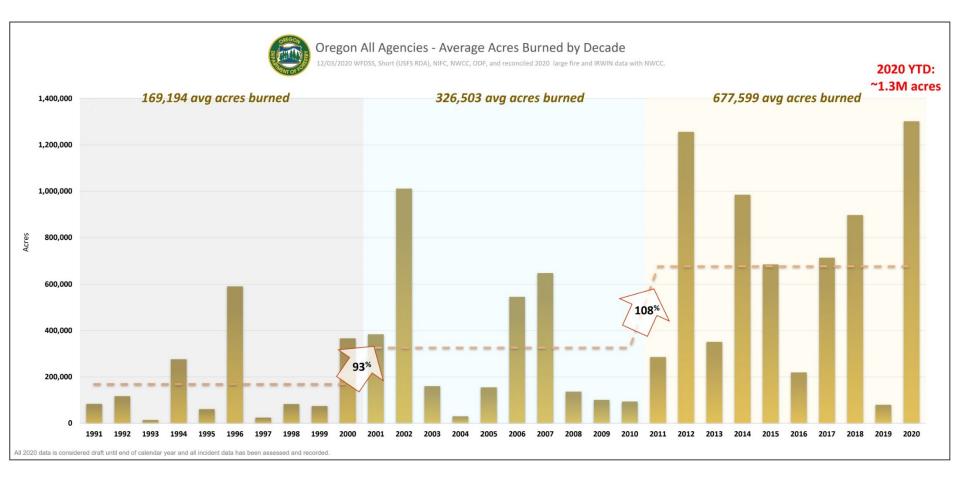
Post Sept. 7

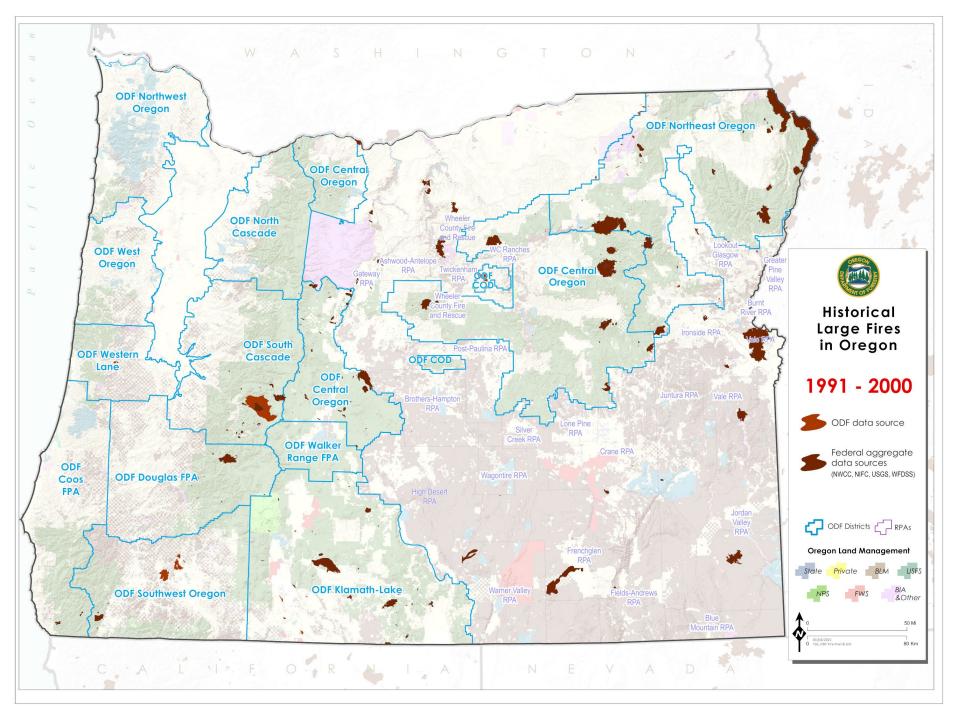


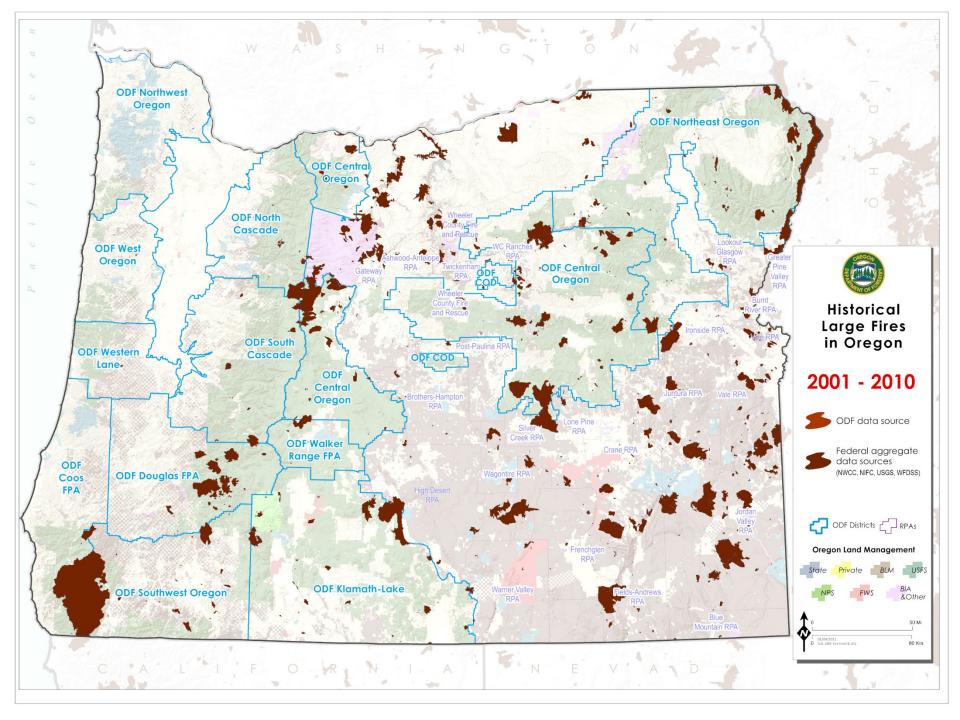


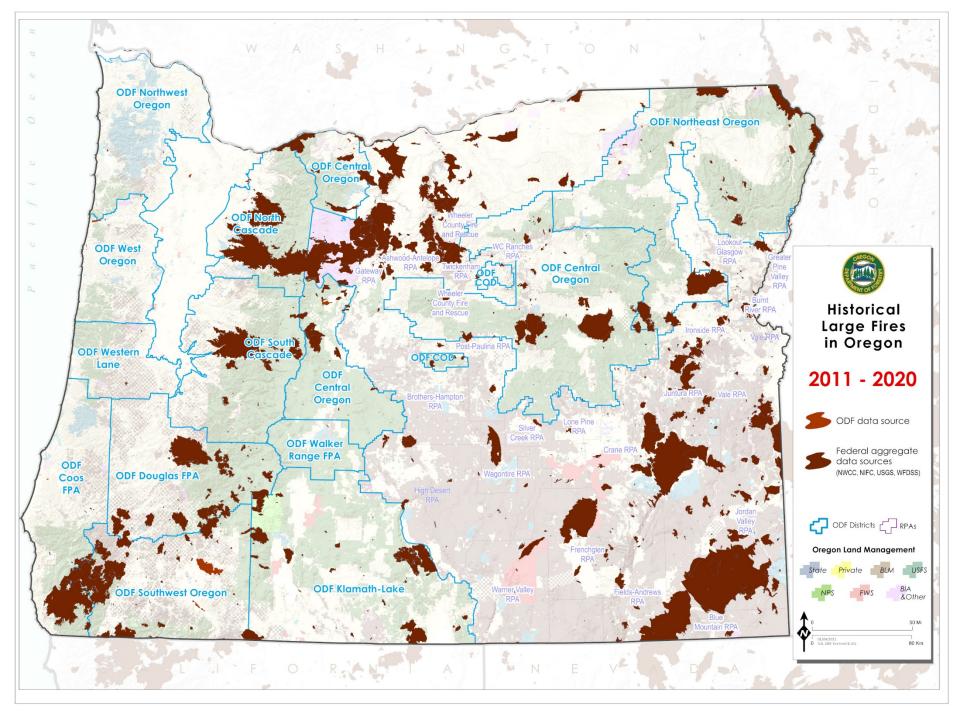


Oregon Statewide – All Agencies Average Acres Burned by Decade







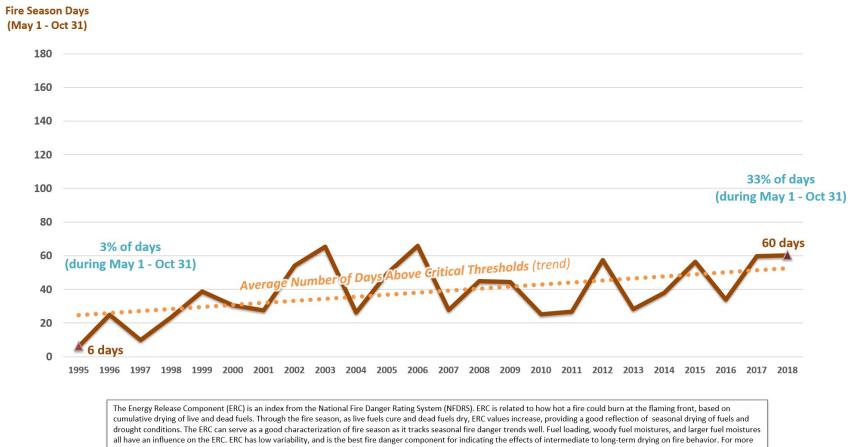


Fire Season Severity Increasing Across OR



Fire Season Severity - Average Number of Days of Exceeding Critical ERC Percentiles All ODF Fire Danger Rating Areas 1995-2018

Average number of days 1995-2018 where all ODF Fire Danger Rating Area (FDRA) ERC values exceeded locally-set critical percentile ERC thresholds. Data is from WIMS, dated May 1 - Oct 31 (184 days), although actual *declared* fire season dates vary per year.



information: http://gacc.nifc.gov/oscc/predictive/fuels_fire-danger/psa_nfdrs/ercindex.html

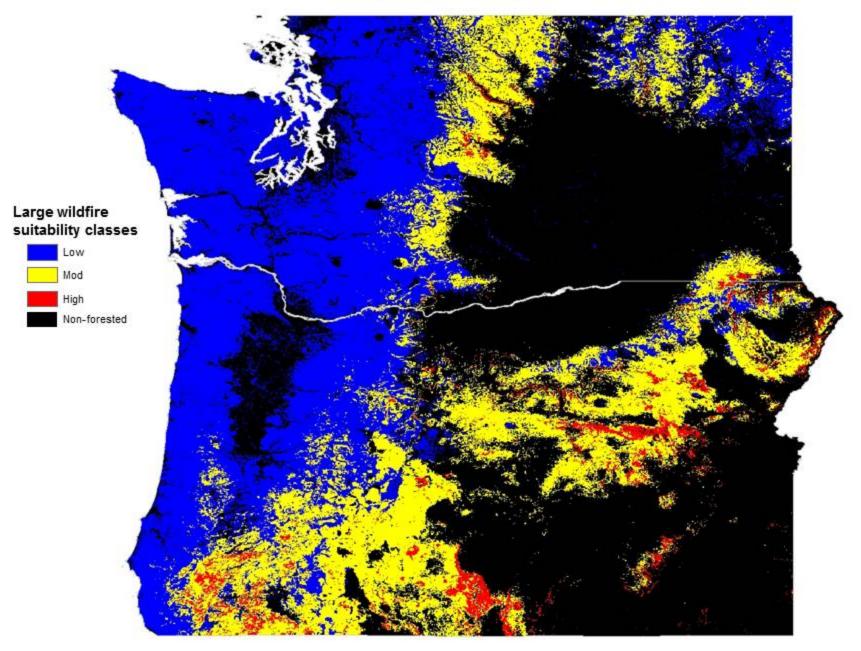
The Normal Fire Environment

Modeling Large Wildfire Suitability using Past, Present, and Future Climate Normals

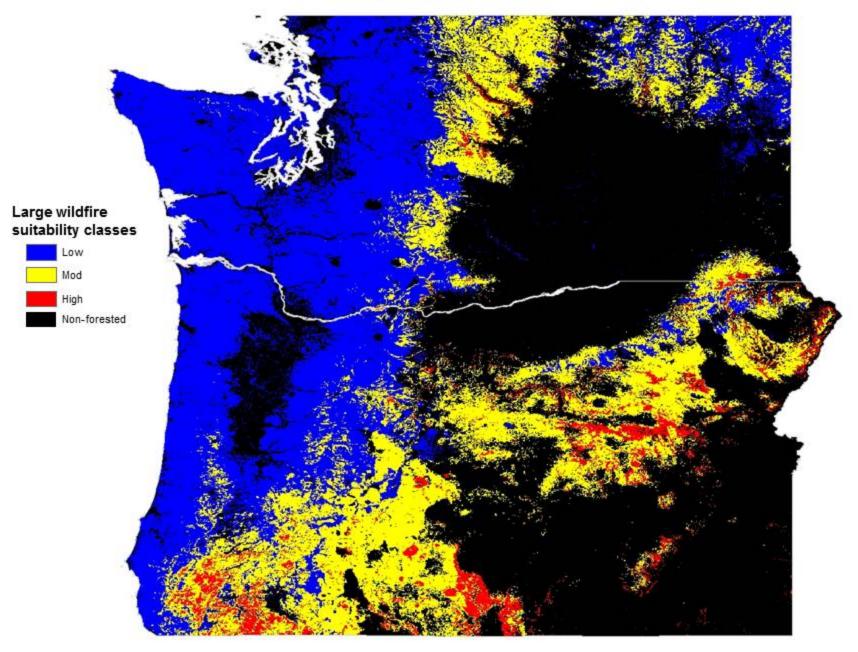
2017

Zhiqiang Yang - Co-Director Lab. For Applications of Remote Sensing in Ecology Raymond Davis - Monitoring Lead - Older Forests & Spotted Owls. USFS R6 Andrew Yost - Forest Ecologist, Oregon Department of Forestry Cole Belongie - GIS Specialist USFS R6

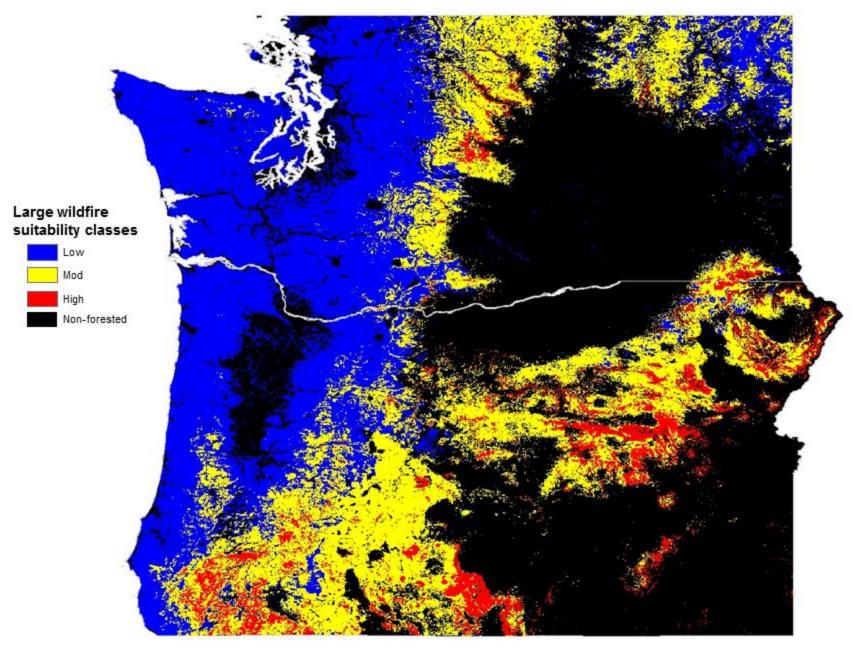
Baseline Model (1971-2000)



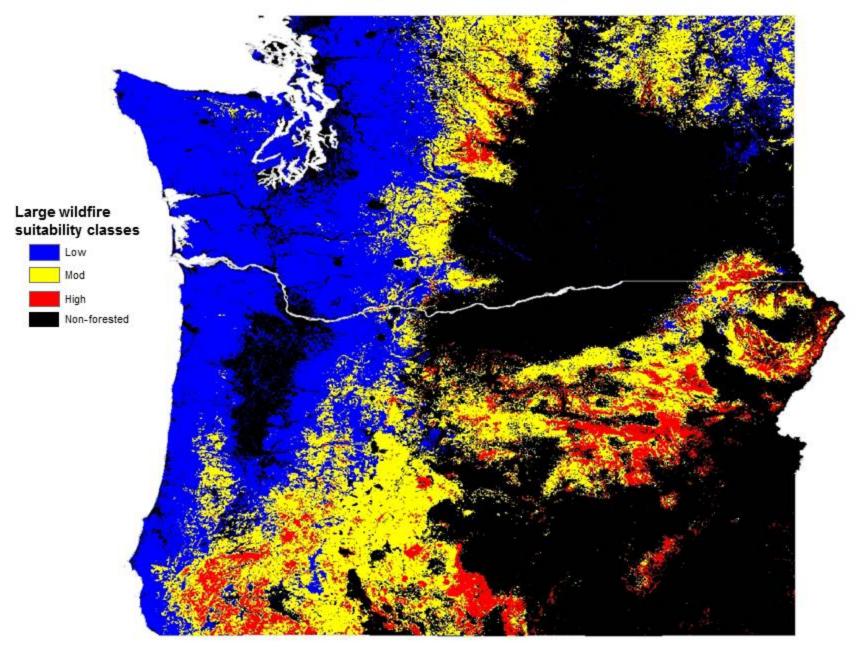
Current Normal (1981-2010)



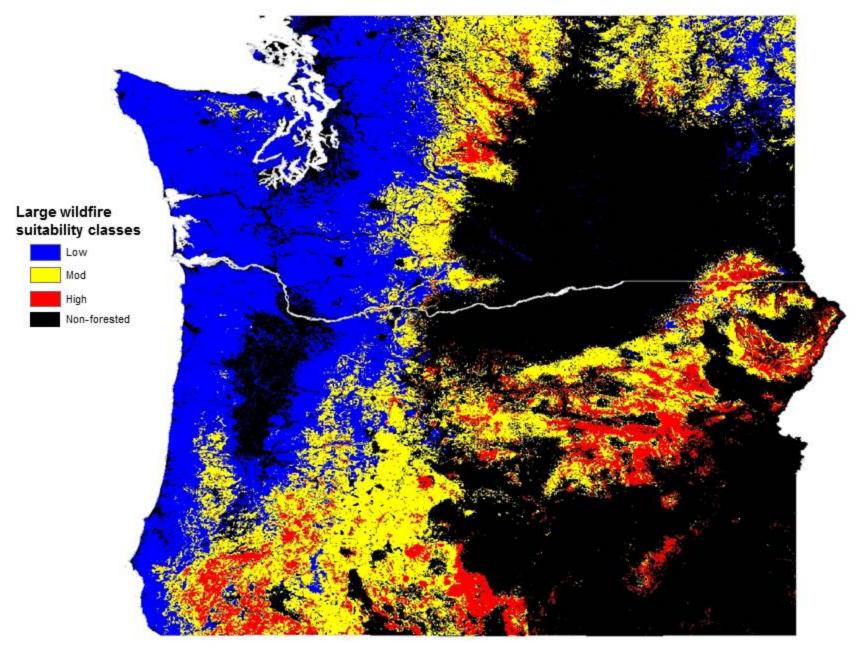
Future Normal (1991-2020)



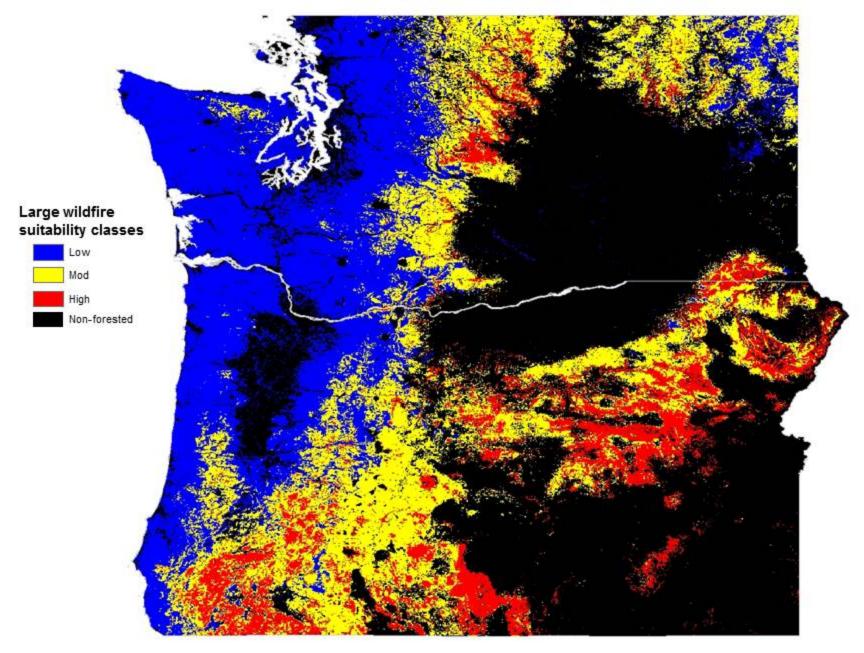
Future Normal (2001-2030)



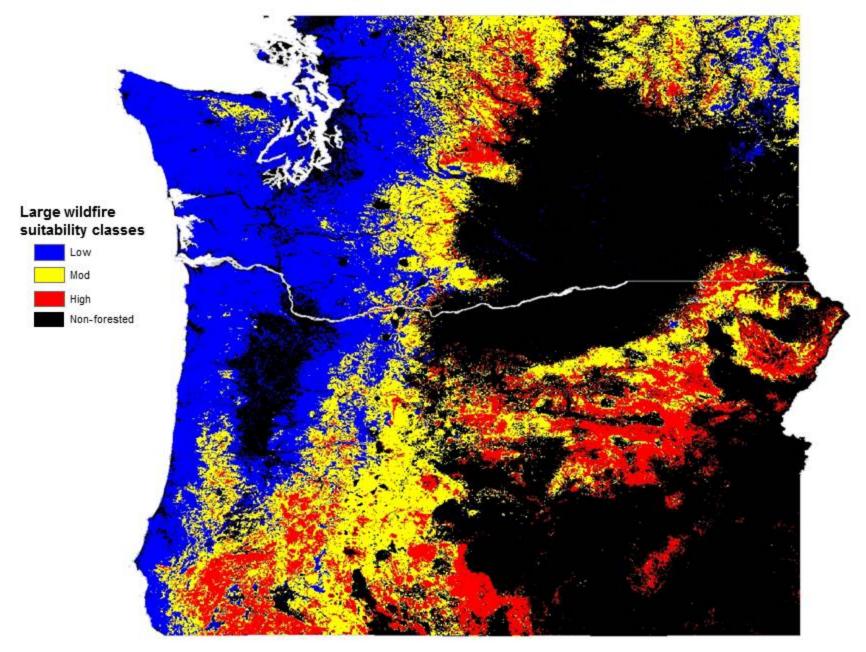
Future Normal (2011-2040)



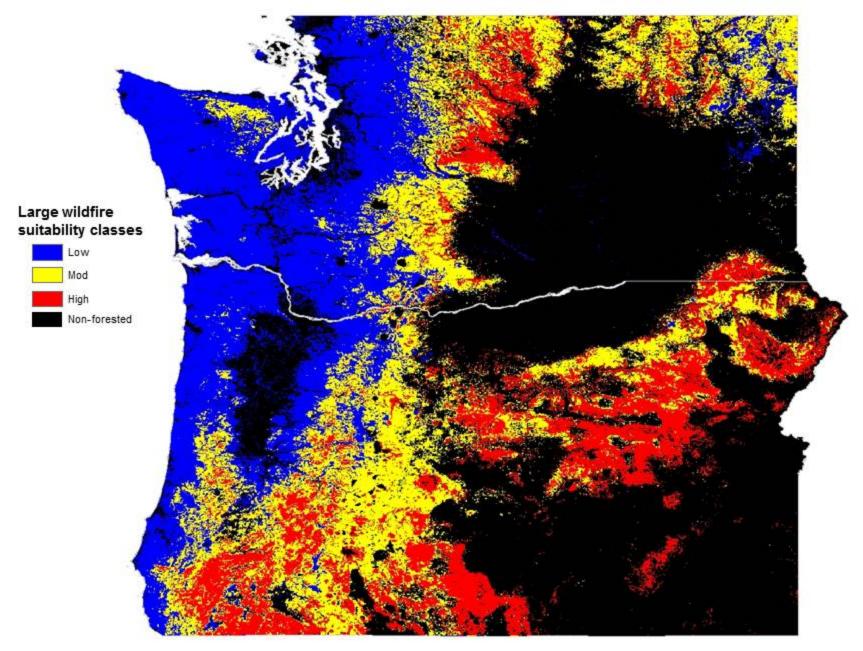
Future Normal (2021-2050)



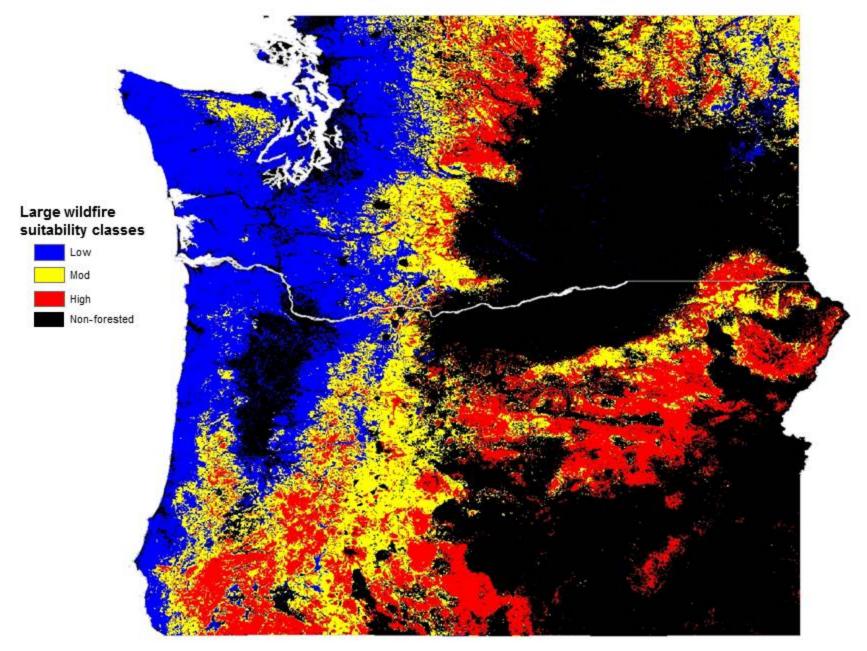
Future Normal (2031-2060)



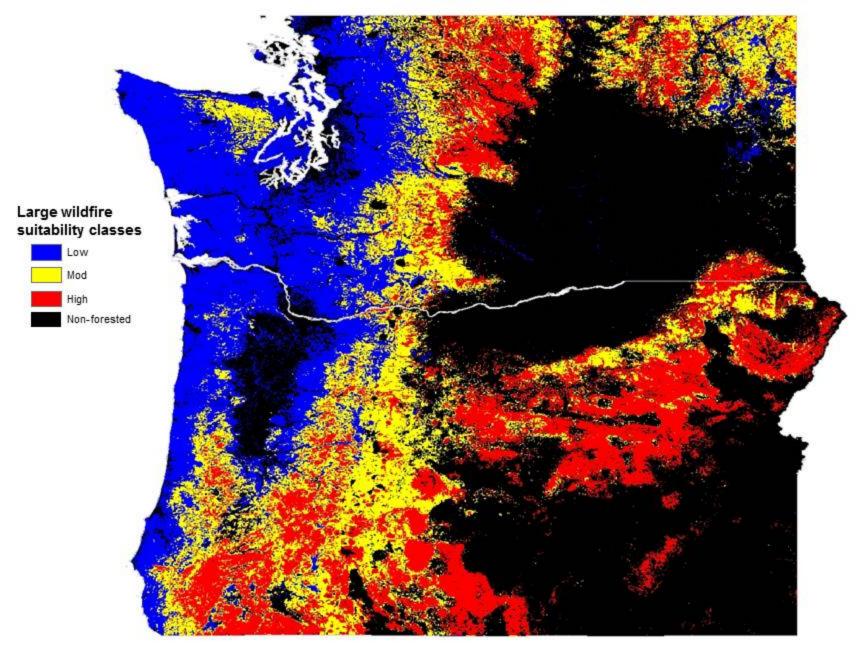
Future Normal (2041-2070)



Future Normal (2051-2080)



Future Normal (2061-2090)



Future Normal (2071-2100)

