

# Wildfire Risk Map of Douglas County, Oregon



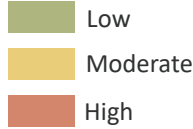
STATE OF OREGON  
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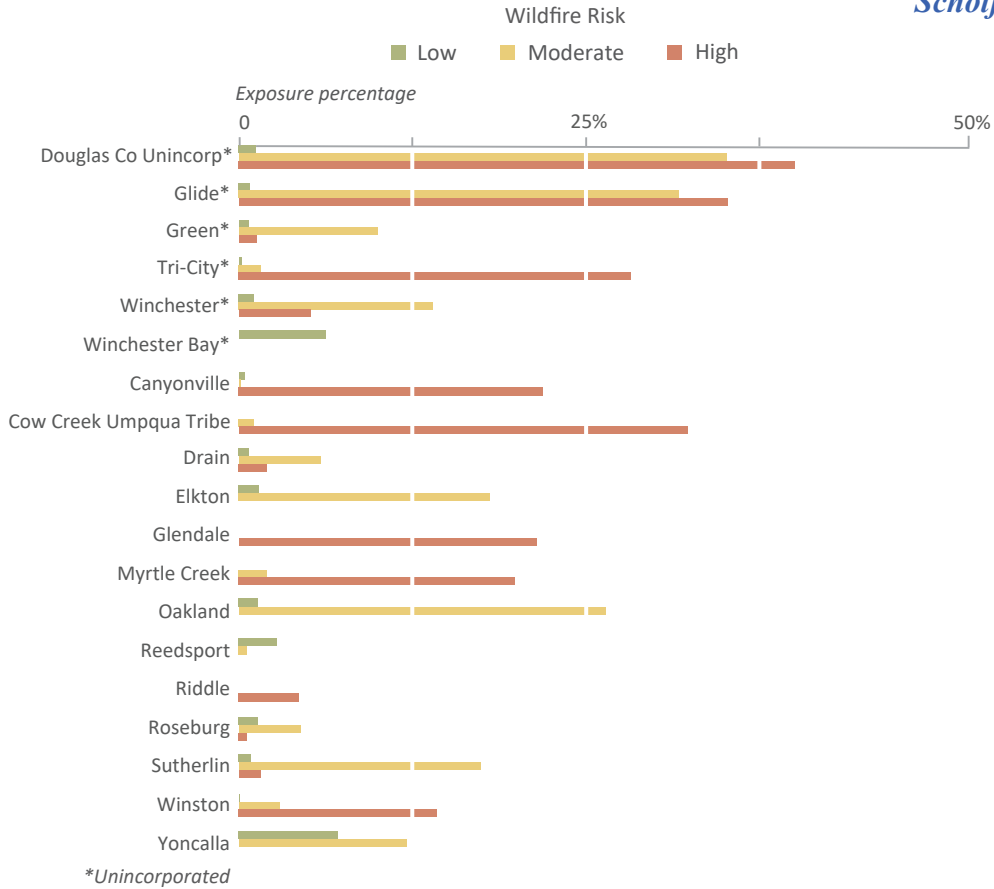
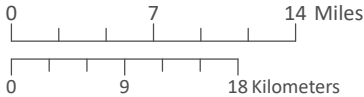
Study Location Map

This map is an overview map and not intended to provide details at the community scale. The GIS data that are published with the Douglas County Multi-Hazard Risk Assessment can be used to inform regarding queries at the community scale.

## Wildfire Risk



The Pacific Northwest Quantitative Wildfire Risk Assessment: Methods and Results (PNRA; Pyrologix LCC, 2018) is a comprehensive report that includes a database developed by the U.S. Forest Service for the states of Oregon and Washington. The PNRA produced the Burn Probability dataset that we used to calculate risk. The Burn Probability dataset was categorized into Low, Moderate, and High-hazard zones for the wildfire exposure analysis. Burn probability is derived from simulations using many elements, such as, weather, ignition frequency, ignition density, and fire modeling landscape.



**Data Sources:**  
Wildfire risk data: Oregon Department of Forestry, Pyrologix, LCC. (2018)  
Roads: Oregon Department of Transportation Signed Routes (2013)  
Place names: U.S. Geological Survey Geographic Names Information System (2015)  
City limits: Oregon Department of Transportation (2014)  
Basemap: Oregon Lidar Consortium (2014)  
Hydrography: U.S. Geological Survey National Hydrography Dataset (2017)

Projection: NAD 1983 UTM Zone 10N  
Software: Esri® ArcMap 10, Adobe® Illustrator CC  
Cartography by: Matt C. Williams, 2023

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