

APPENDIX A: EAGLE CREEK FIRE

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ONLINE WEB MAP

<https://experience.arcgis.com/experience/3da30bdf3b6442d09f5a4937e00245b1>



Map of the Eagle Creek Fire Study Area, Multnomah and Hood River Counties, Oregon

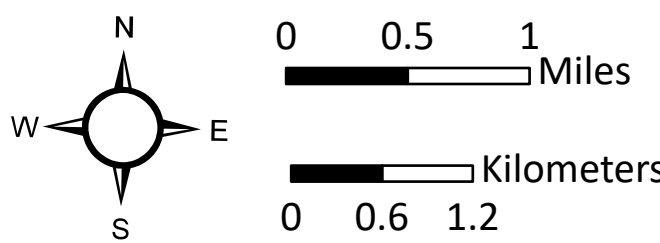
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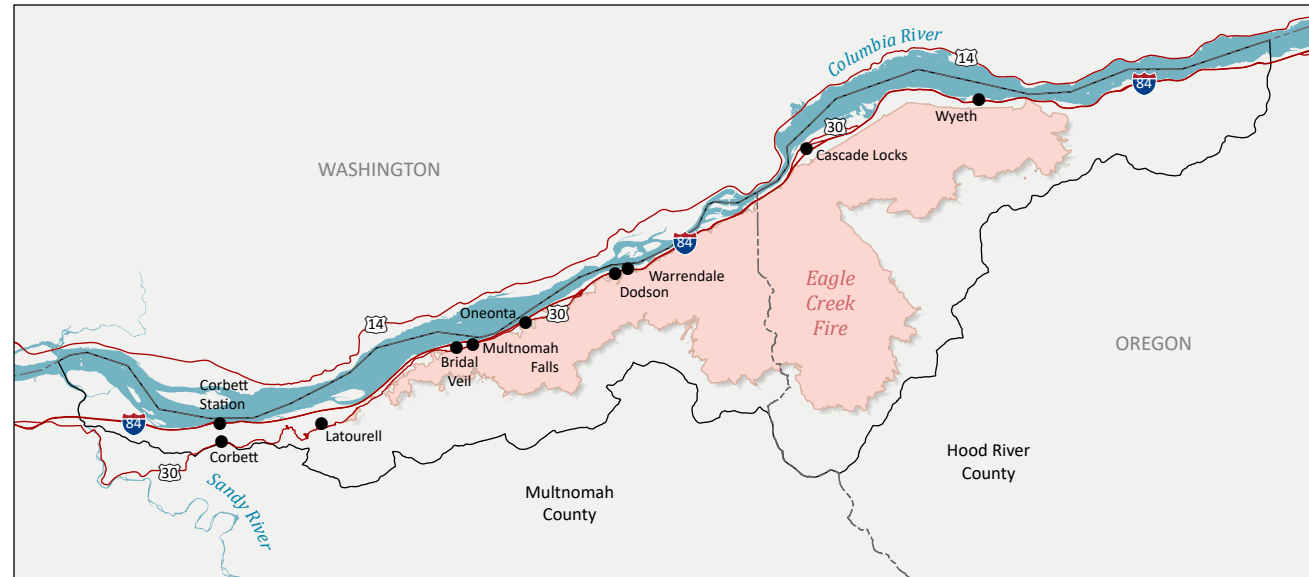
Debris Flow Hazard, Risk, and Risk Reduction in the Eagle Creek, Beachie
Creek-Lionshead, Holiday Farm, and Archie Creek Fire Areas, Multnomah,
Hood River, Marion, Lane, and Douglas Counties, Oregon

APPENDIX A, FIGURE A-1

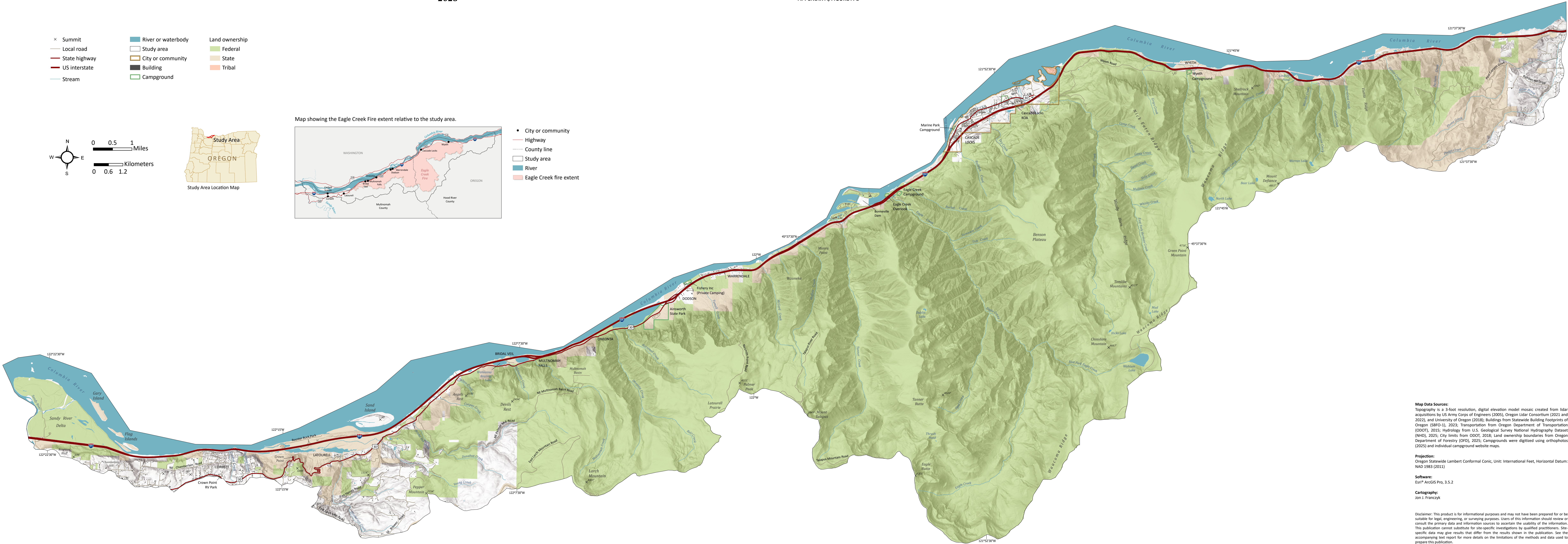
- Summit
- Local road
- State highway
- US interstate
- Stream
- River or waterbody
- Study area
- City or community
- Building
- Campground
- Land ownership
- Federal
- State
- Tribal



Map showing the Eagle Creek Fire extent relative to the study area.



- City or community
- Highway
- County line
- Study area
- River
- Eagle Creek fire extent


















Map Data Sources:
Topography is a 3-foot resolution, digital elevation model mosaic created from lidar acquisitions by US Army Corps of Engineers (2005), Oregon Lidar Consortium (2021 and 2022), and University of Oregon (2018); Buildings from Statewide Building Footprints of Oregon (SBFO-1), 2023; Transportation from Oregon Department of Transportation (ODOT), 2015; Hydrology from U.S. Geological Survey National Hydrography Dataset (NHD), 2025; City limits from ODOT, 2018; Land ownership boundaries from Oregon Department of Forestry (ODF), 2025; Campgrounds were digitized using orthophotos (2025) and individual campground website maps.
















Projection:
Oregon Statewide Lambert Conformal Conic, Unit: International Feet, Horizontal Datum: NAD 1983 (2011)

Software:
Esri® ArcGIS Pro, 3.5.2

Cartography:
Jon J. Franczyk

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Table A-1. Asset inventory of Eagle Creek study area									
Eagle Creek Study Area Asset Inventory by Land Use Categories									
—		Agricultural	Commercial	Educational	Government	Industrial	Religious	Residential	Total
									
Cascade Locks	Buildings 	63	29	0	13	29	0	573	707
	Permanent Residents 	0	0	0	0	0	0	1,045	1,045
	Value 	\$8,643,000	\$10,957,546	\$0	\$15,140,161	\$27,390,672	\$0	\$154,157,414	\$216,288,793
	Critical Facilities* 	0	1	0	8	0	0	0	9
Multnomah County, Unincorporated	Buildings 	81	43	0	10	2	0	865	1,001
	Permanent Residents 	0	0	0	0	0	0	1,788	1,788
	Value 	\$8,820,840	\$25,779,640	\$0	\$5,762,906	\$412,860	\$0	\$255,749,483	\$296,525,729
	Critical Facilities 	0	0	0	1	0	0	0	1
*Critical facilities are services essential to public health and safety, emergency response, or vital community services, e.g., hospitals, fire stations, water treatment plants.									

Eagle Creek Study Area Asset Inventory by Land Use Categories, Continued										
—			Agricultural	Commercial	Educational	Government	Industrial	Religious	Residential	Total
										
Hood River County, Unincorporated	Buildings		113	3	0	2	6	0	199	323
	Permanent Residents		0	0	0	0	0	0	369	369
	Value		\$22,830,000	\$556,360	\$0	\$630,900	\$2,265,840	\$0	\$51,579,834	\$77,862,934
	Critical Facilities		0	2	0	0	1	0	0	3
Total Eagle Creek Study Area	Buildings		257	75	0	25	37	0	1,637	2,031
	Permanent Residents		0	0	0	0	0	0	3,203	3,203
	Value		\$40,293,840	\$37,293,546	\$0	\$21,533,967	\$30,069,372	\$0	\$461,486,731	\$590,677,456
	Critical Facilities		0	3	0	9	1	0	0	13

Eagle Creek Study Area Highways and Roads		
Highways (mi)	Local Roads (mi)	Total (mi)
107 mi	149	256
Eagle Creek Study Area Local Campgrounds		
Wyeth Campground		
Cascade Locks KOA		
Eagle Creek Campground		
Eagle Creek Overlook		
Fishery Inc - Private Camping		
Ainsworth State Park		
Crown Point RV Park		
Marine Park Campground		



Map of Channelized Debris Flow Deposit Areas (Fans), Eagle Creek Fire Study Area, Multnomah and Hood River Counties, Oregon

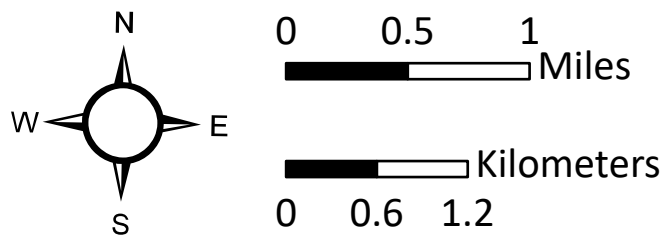
2025

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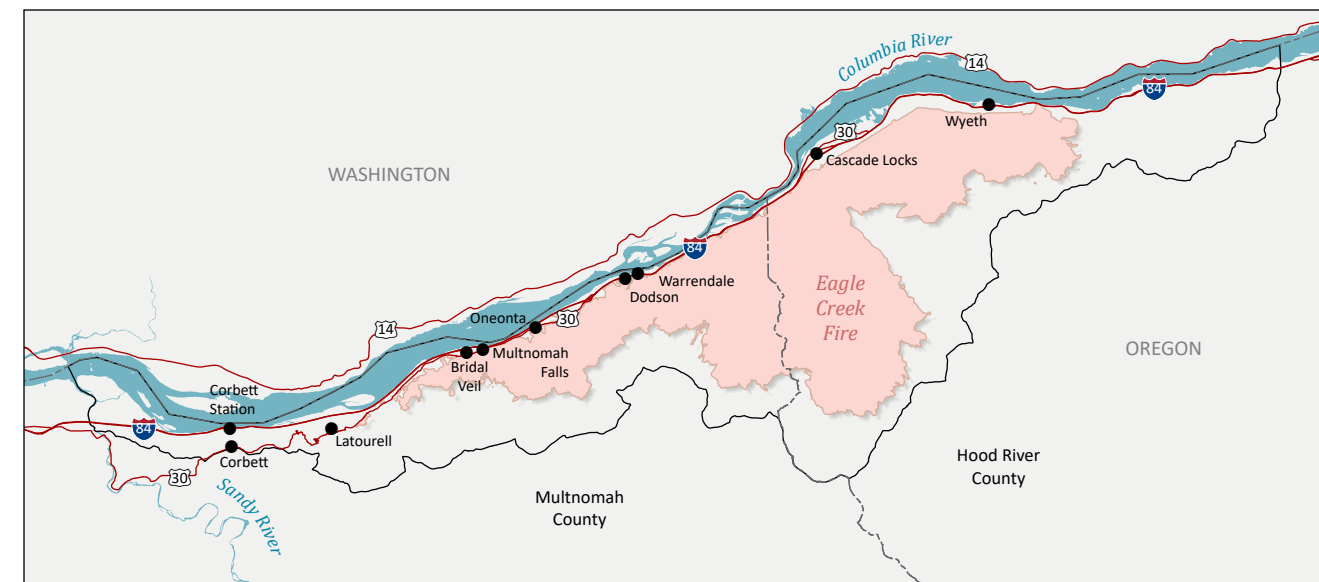
Debris Flow Hazard, Risk, and Risk Reduction in the Eagle Creek, Beachie
Creek-Lionshead, Holiday Farm, and Archie Creek Fire Areas, Multnomah,
Hood River, Marion, Lane, and Douglas Counties, Oregon

APPENDIX A, FIGURE A-2

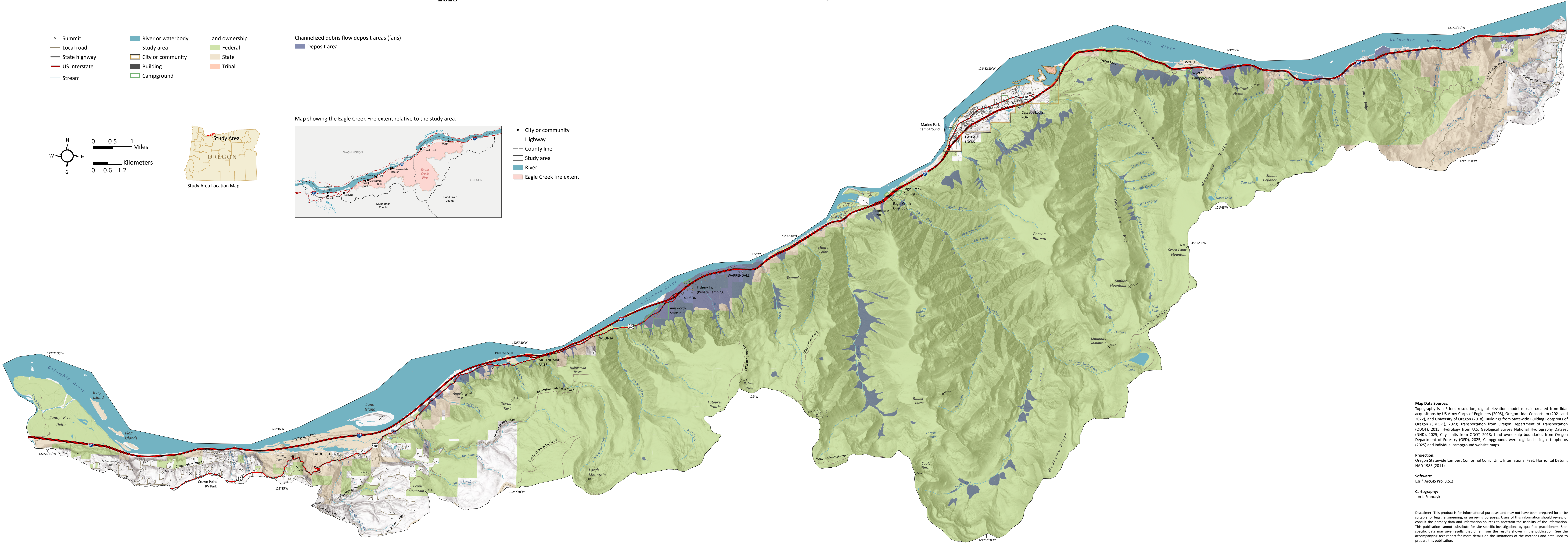
- × Summit
- Local road
- State highway
- US interstate
- Stream
- River or waterbody
- Study area
- City or community
- Building
- Campground
- Land ownership
- Federal
- State
- Tribal



Map showing the Eagle Creek Fire extent relative to the study area.



- City or community
- Highway
- County line
- Study area
- River
- Eagle Creek fire extent



Map Data Sources:
Topography is a 3-foot resolution, digital elevation model mosaic created from lidar acquisitions by US Army Corps of Engineers (2005), Oregon Lidar Consortium (2021 and 2022), and University of Oregon (2018); Buildings from Statewide Building Footprints of Oregon (SBO-1), 2023; Transportation from Oregon Department of Transportation (ODOT), 2015; Hydrology from U.S. Geological Survey National Hydrography Dataset (NHD), 2025; City limits from ODOT, 2018; Land ownership boundaries from Oregon Department of Forestry (ODF), 2025; Campgrounds were digitized using orthophotos (2025) and individual campground website maps.

Projection:
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Software:
Esri® ArcGIS Pro, 3.5.2

Cartography:
Jon J. Franczyk

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Table A-2. Summary of historic channelized debris flows pre- and post-fire within and adjacent to the Eagle Creek study area

Pre-Fire Debris Flows		
Imagery Date Rate	Number of Years	Number of Debris Flow Events
Pre-1995	5	54
1995-2000	5	48
2000-2005	5	29
2005-2009	4	18
2009-2011	3	1
2009-2014	6	5
Total	28	155
Pre-Fire Lidar Change Analysis*		
Lidar Date Rate	Number of Years	Number of Debris Flow Events
2009-2018	10	29
Post-Fire Lidar Change Analysis*		
Lidar Date Rate	Number of Years	Number of Debris Flow Events
2018-2021	4	152
2021-2022	2	52
Total	6	204

*Lidar change analysis results from Burns, W.J., Calhoun, N.C., Roering, J., Sanders, M., Leshchinsky, B., DeSousa, D., Olsen, M., Rengers, F., Mathews, N., 2025. Multitemporal Lidar Analysis of Pre and Post Eagle Creek Fire Debris Flows, Western Columbia River Gorge, Hood River and Multnomah Counties, Oregon, Oregon Department of Geology and Mineral Industries, Special Paper 55.



Map of Serial Lidar-derived Historic Channelized Debris Flow Events, Eagle Creek Fire Study Area, Multnomah and Hood River Counties, Oregon

2025

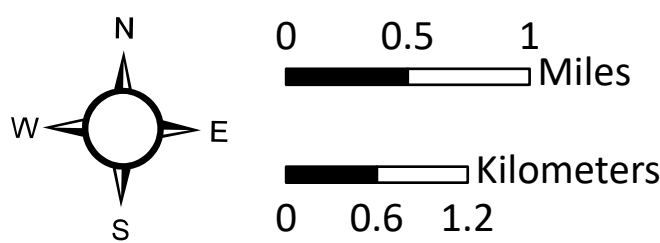
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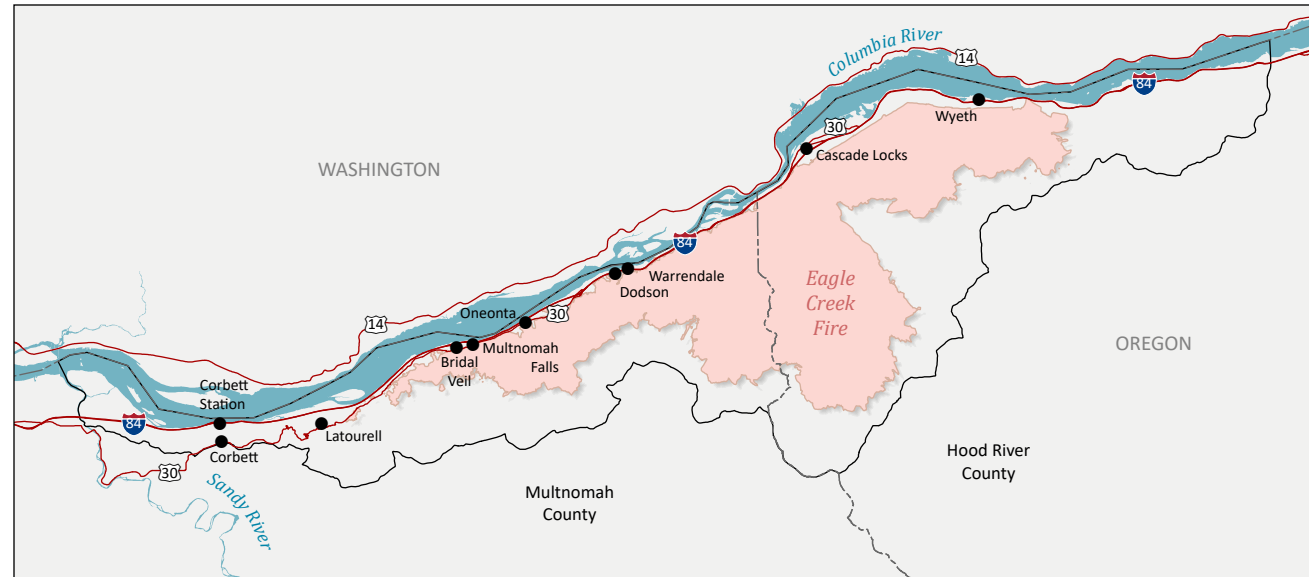
APPENDIX A, FIGURE A-3

- Summit
- Local road
- State highway
- US interstate
- Stream
- River or waterbody
- Study area
- City or community
- Building
- Campground
- Land ownership
- Federal
- State
- Tribal

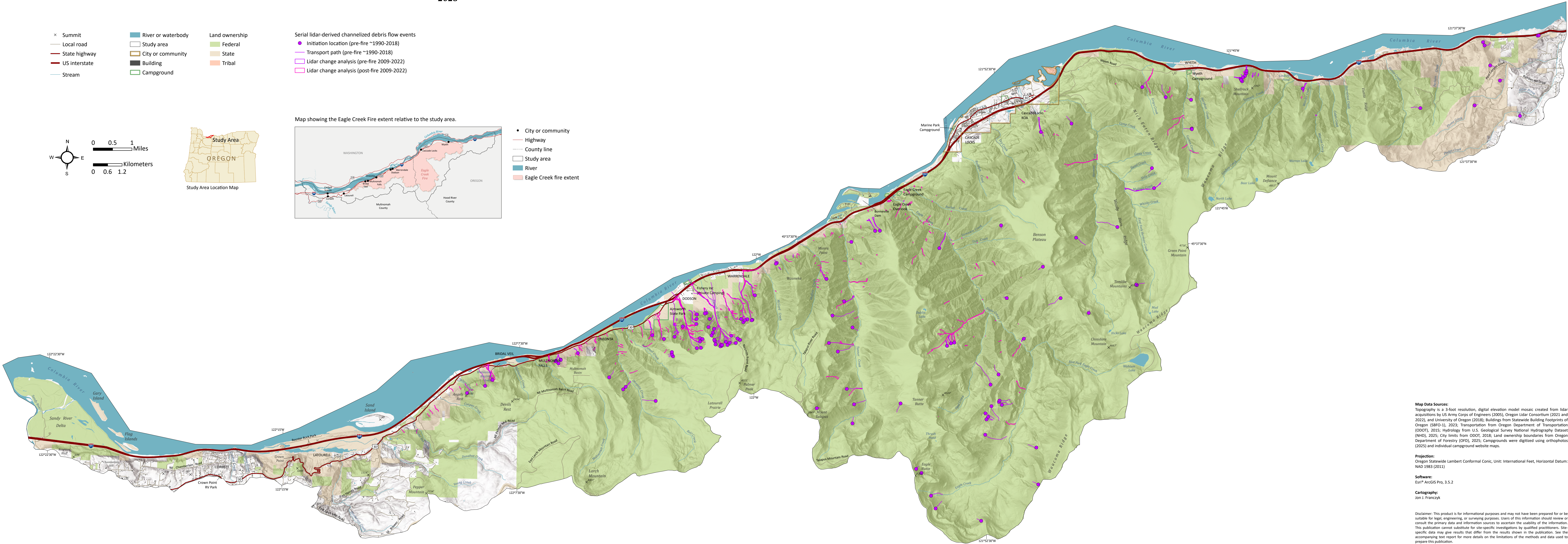
- Serial lidar-derived channelized debris flow events
- Initiation location (pre-fire ~1990-2018)
- Transport path (pre-fire ~1990-2018)
- Lidar change analysis (pre-fire 2009-2022)
- Lidar change analysis (post-fire 2009-2022)



Map showing the Eagle Creek Fire extent relative to the study area.



- City or community
- Highway
- County line
- Study area
- River
- Eagle Creek fire extent



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Map of Terrain Reconditioning and Masking Areas, Eagle Creek Fire Study Area, Multnomah and Hood River Counties, Oregon

2025

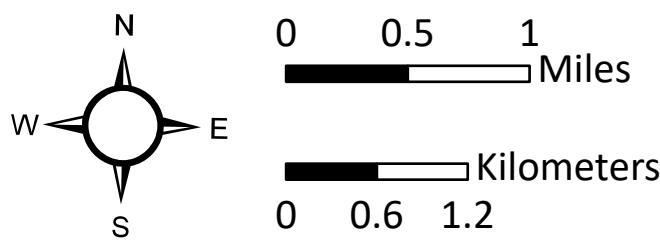
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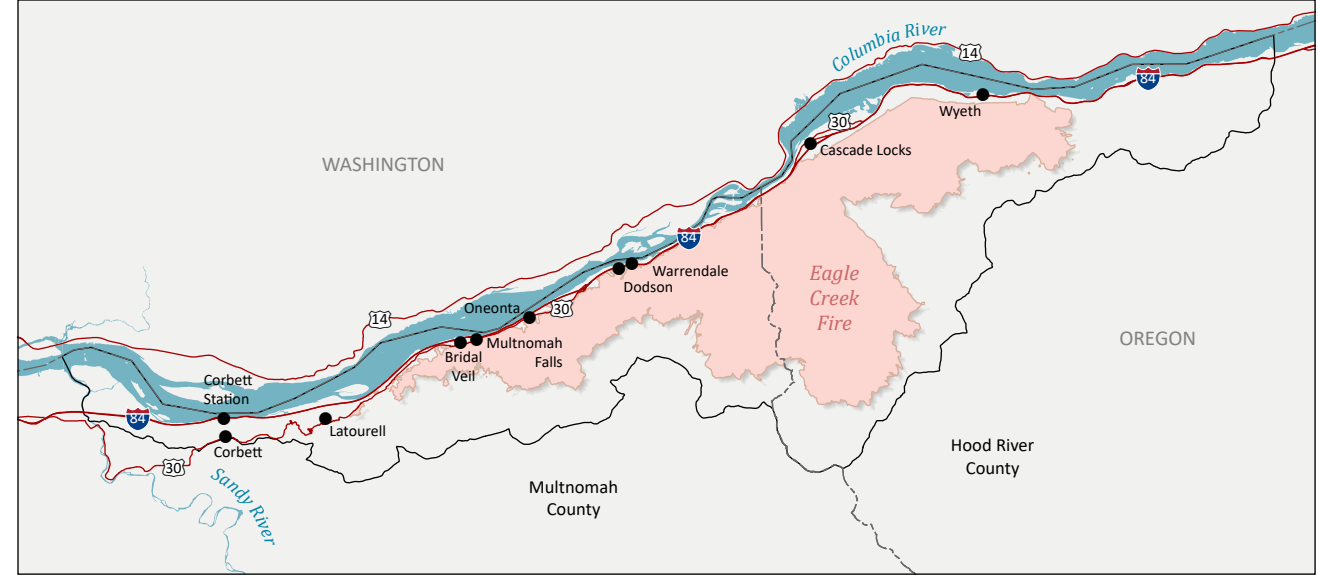
APPENDIX A, FIGURE A-4

- Summit
- Local road
- State highway
- US interstate
- Stream
- River or waterbody
- Study area
- City or community
- Building
- Campground
- Land ownership
- Federal
- State
- Tribal

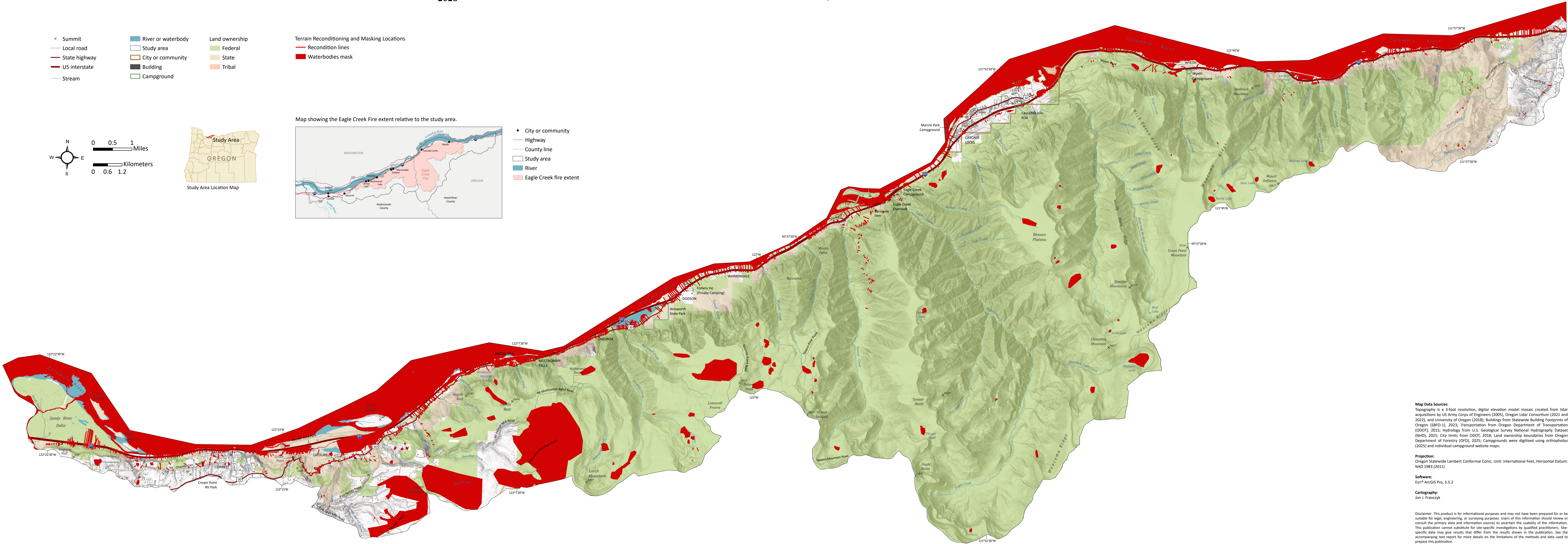
- Terrain Reconditioning and Masking Locations
- Recondition lines
- Waterbodies mask



Map showing the Eagle Creek Fire extent relative to the study area.



- City or community
- Highway
- County line
- Study area
- River
- Eagle Creek fire extent



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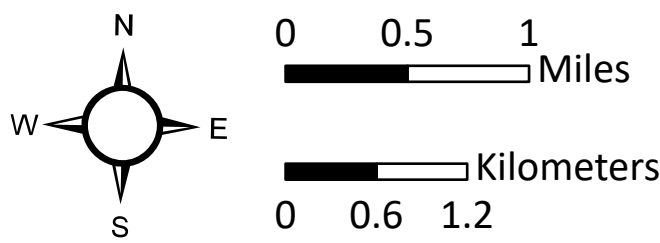
Map of the Upper-Lower Bounds, Eagle Creek Fire Study Area, Multnomah and Hood River Counties, Oregon

2025

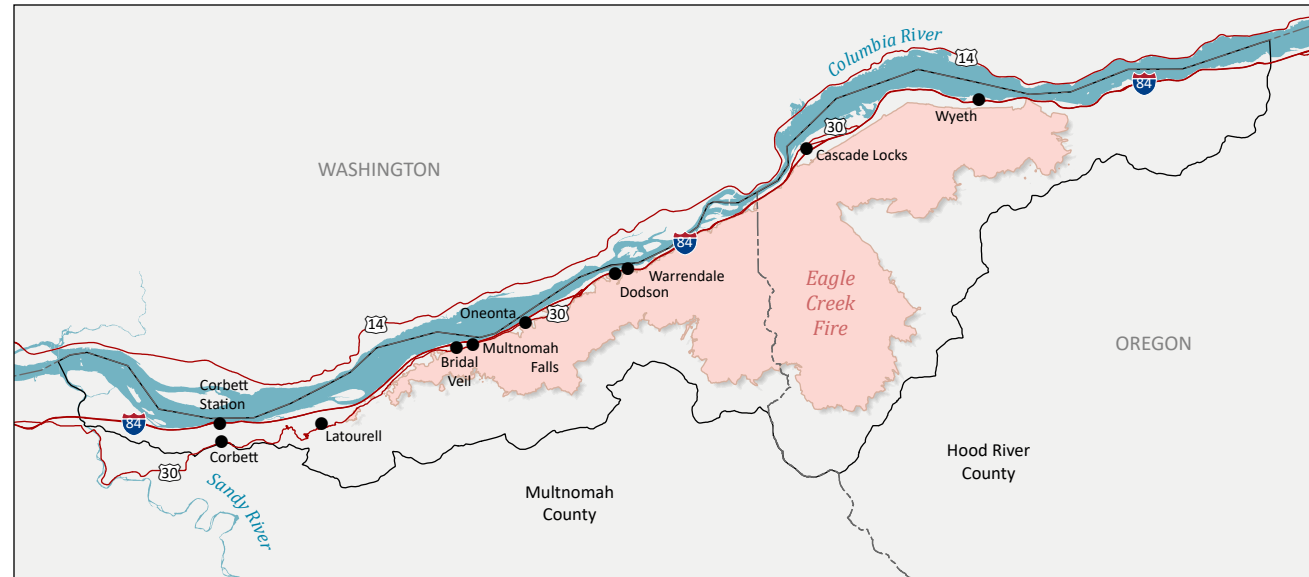
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APPENDIX A, FIGURE A-5

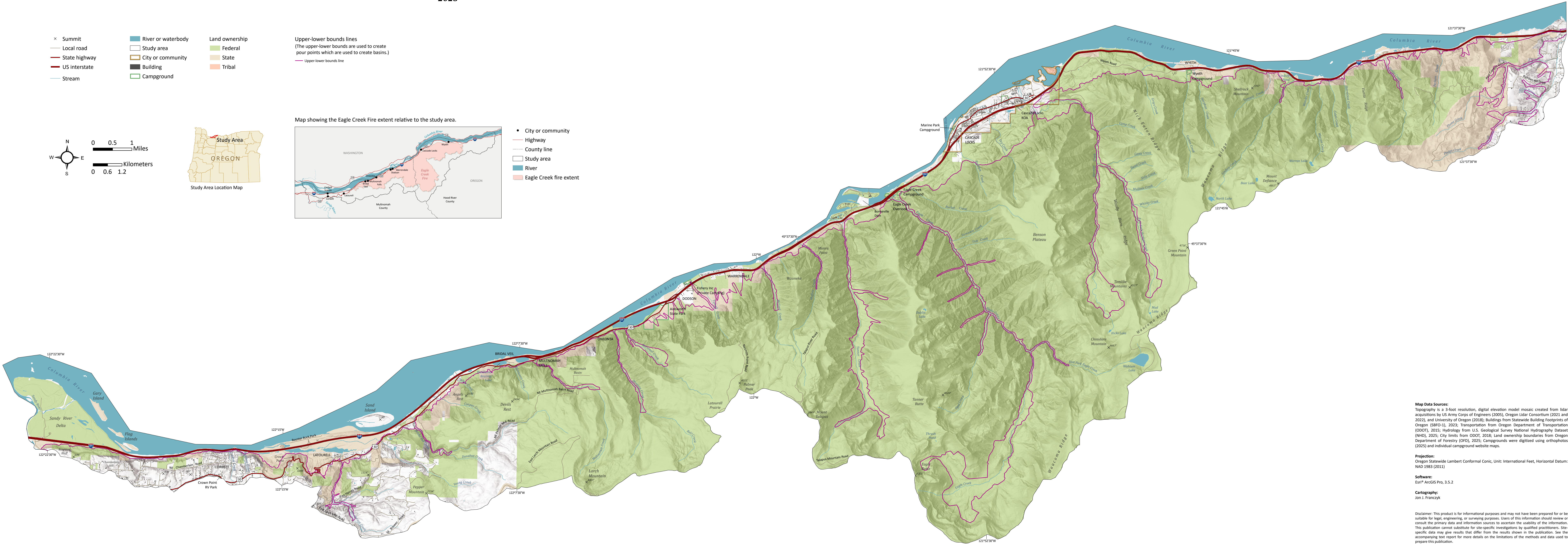
- Summit
- Local road
- State highway
- US interstate
- Stream
- River or waterbody
- Study area
- City or community
- Building
- Campground
- Land ownership
- Federal
- State
- Tribal



Map showing the Eagle Creek Fire extent relative to the study area.



- City or community
- Highway
- County line
- Study area
- River
- Eagle Creek fire extent



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Map of the Growth Factors for Modeling Inundation Susceptibility, Eagle Creek Fire Study Area, Multnomah and Hood River Counties, Oregon

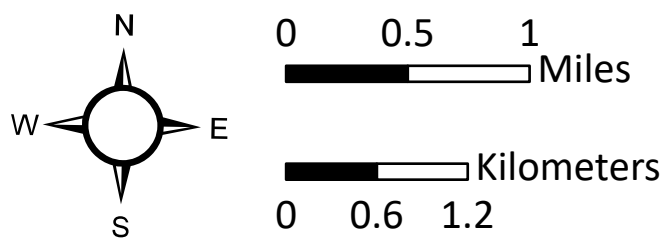
2025

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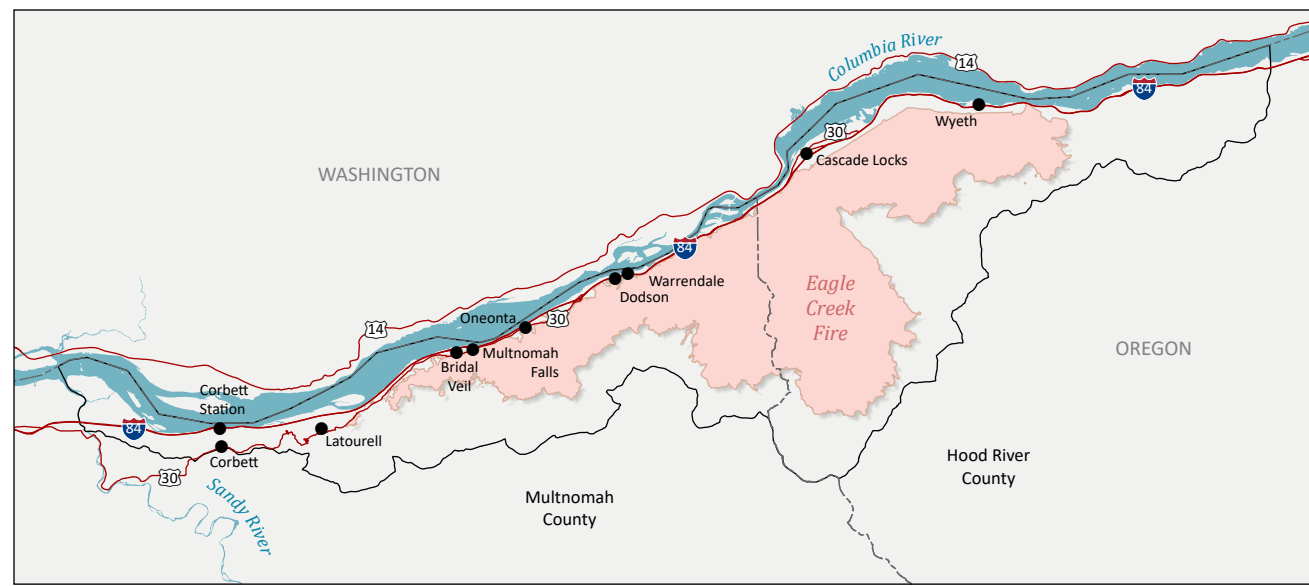
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APPENDIX A, FIGURE A-6

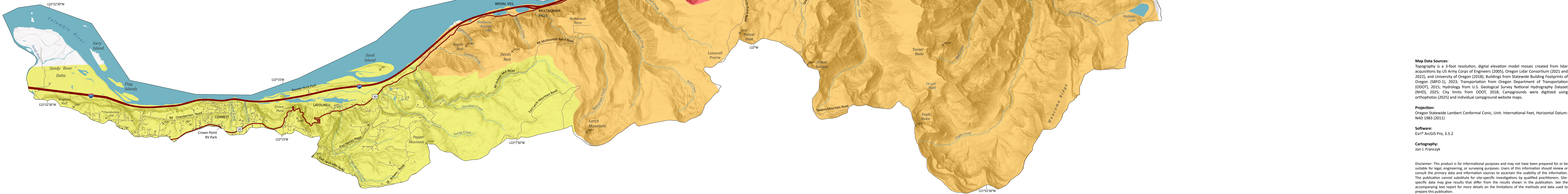
- × Summit
 - Local road
 - State highway
 - US interstate
 - Stream
 - River or waterbody
 - Study area
 - City or community
 - Building
 - Campground
- Growth factor (ft³/ft²) and maximum volume (ft³) sections
- typical small, intermediate small, and extreme small
 - typical medium, intermediate medium, and extreme medium
 - typical large, intermediate large, and extreme large



Map showing the Eagle Creek Fire extent relative to the study area.



- City or community
- Highway
- County line
- Study area
- River
- Eagle Creek fire extent



Map Data Sources:
Topography is a 3-foot resolution, digital elevation model mosaic created from lidar acquisitions by US Army Corps of Engineers (2005), Oregon Lidar Consortium (2021 and 2022), and University of Oregon (2018); Buildings from Statewide Building Footprints of Oregon (SBFO-1), 2023; Transportation from Oregon Department of Transportation (ODOT), 2015; Hydrology from U.S. Geological Survey National Hydrography Dataset (NHD), 2025; City limits from ODOT, 2018; Campgrounds were digitized using orthophotos (2025) and individual campground website maps.

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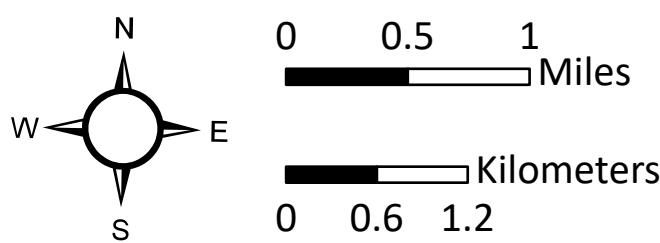
Map of Initiation Susceptibility, Eagle Creek Fire Study Area, Multnomah and Hood River Counties, Oregon

2025

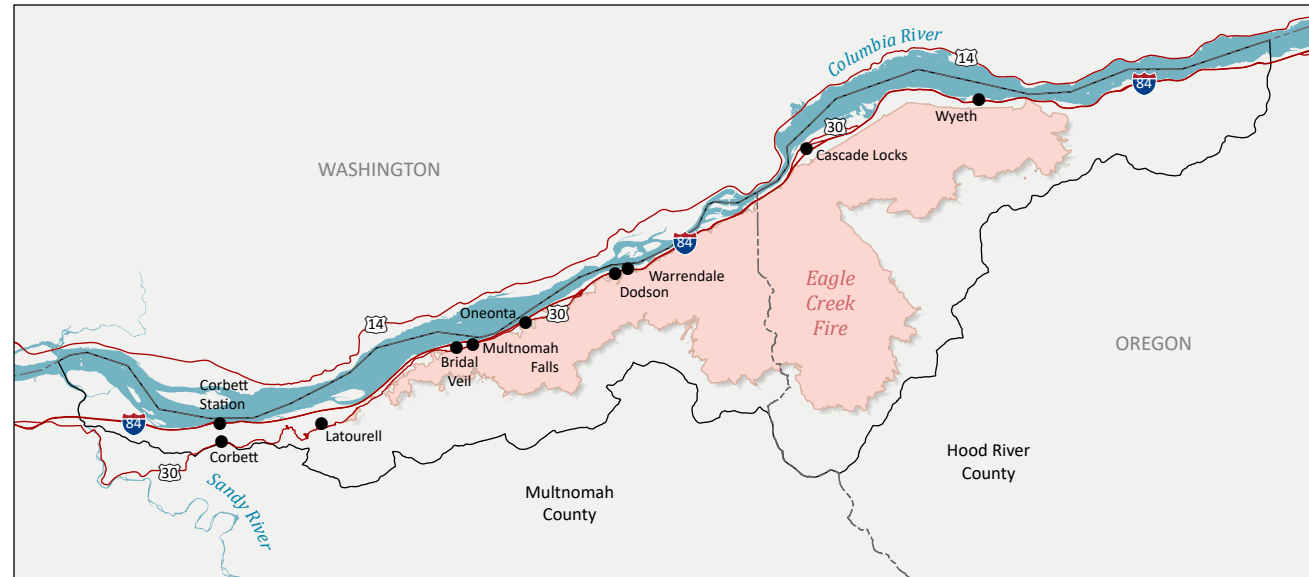
APPENDIX A, FIGURE A-7

- Summit
- Local road
- State highway
- US interstate
- Stream
- River or waterbody
- Study area
- City or community
- Building
- Campground
- Land ownership
- Federal
- State
- Tribal

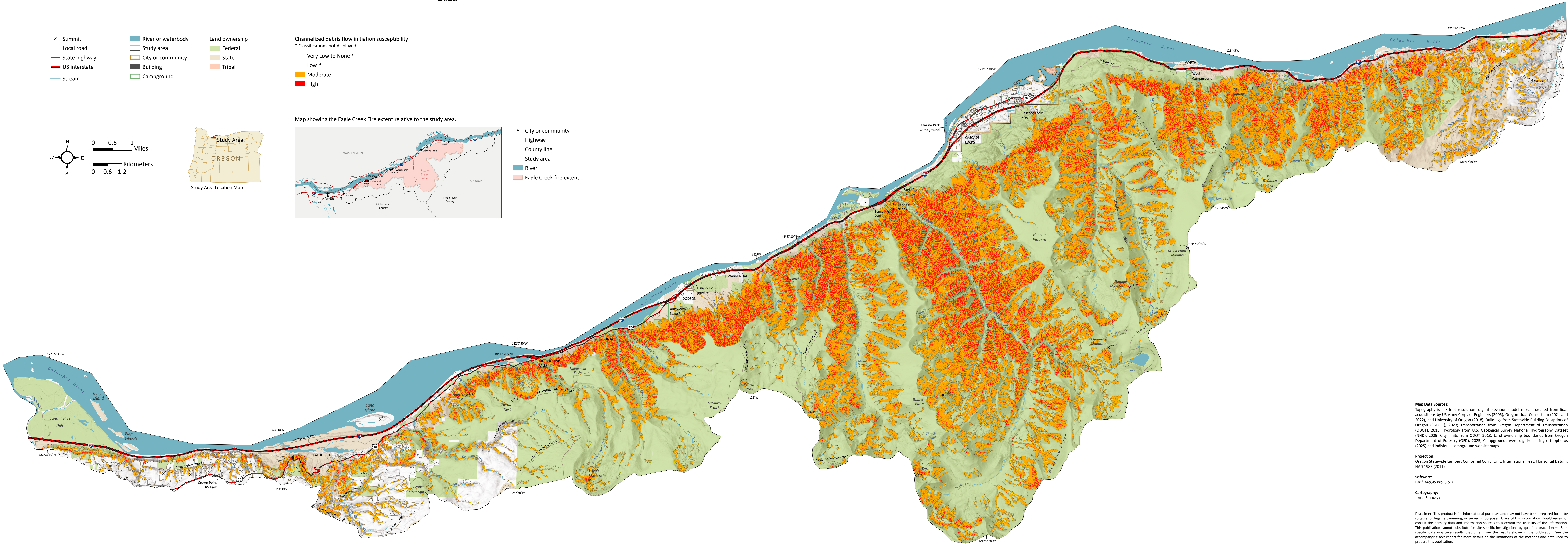
Channelized debris flow initiation susceptibility
* Classifications not displayed.
Very Low to None *
Low *
Moderate
High



Map showing the Eagle Creek Fire extent relative to the study area.



- City or community
- Highway
- County line
- Study area
- River
- Eagle Creek fire extent



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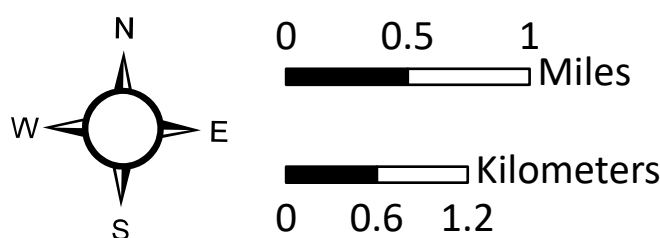
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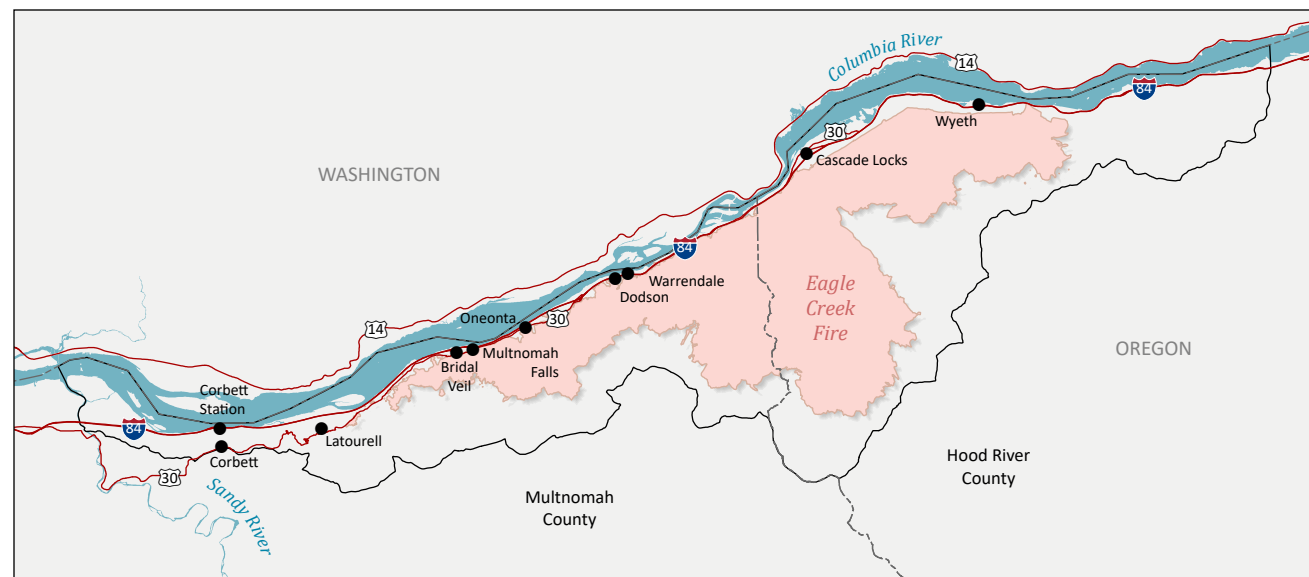
Map of Transport Susceptibility, Eagle Creek Fire Study Area, Multnomah and Hood River Counties, Oregon

2025

- × Summit
- Local road
- State highway
- US interstate
- River or waterbody
- Study area
- City or community
- Building
- Campground
- Land ownership
- Federal
- State
- Tribal



Map showing the Eagle Creek Fire extent relative to the study area.

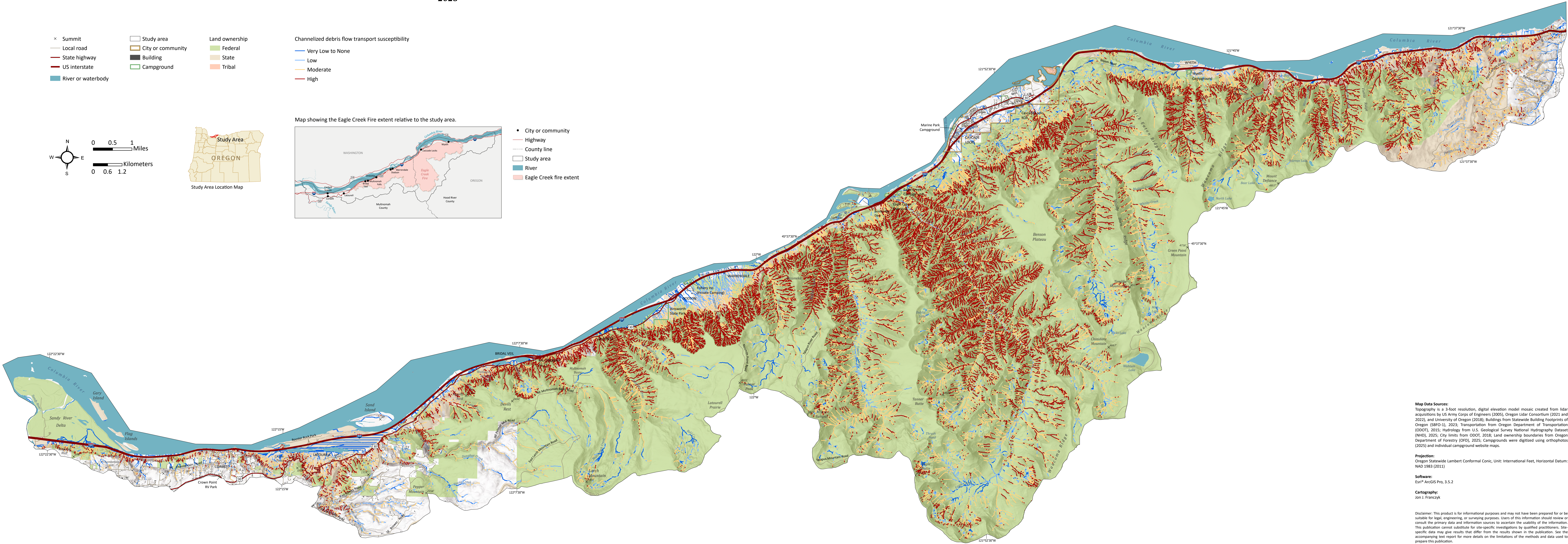


- City or community
- Highway
- County line
- Study area
- River
- Eagle Creek fire extent

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Debris Flow Hazard, Risk, and Risk Reduction in the Eagle Creek, Beachie Creek-Lionshead, Holiday Farm, and Archie Creek Fire Areas, Multnomah, Hood River, Marion, Lane, and Douglas Counties, Oregon

APPENDIX A, FIGURE A-8



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Map of Basin Susceptibility, Eagle Creek Fire Study Area, Multnomah and Hood River Counties, Oregon

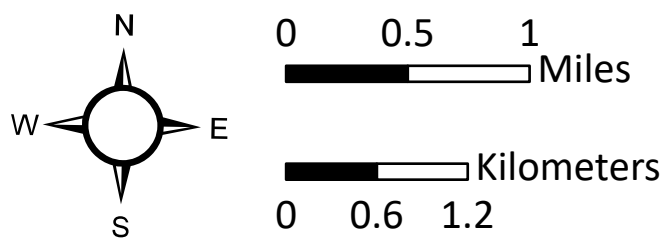
2025

Open File Report O-25-09

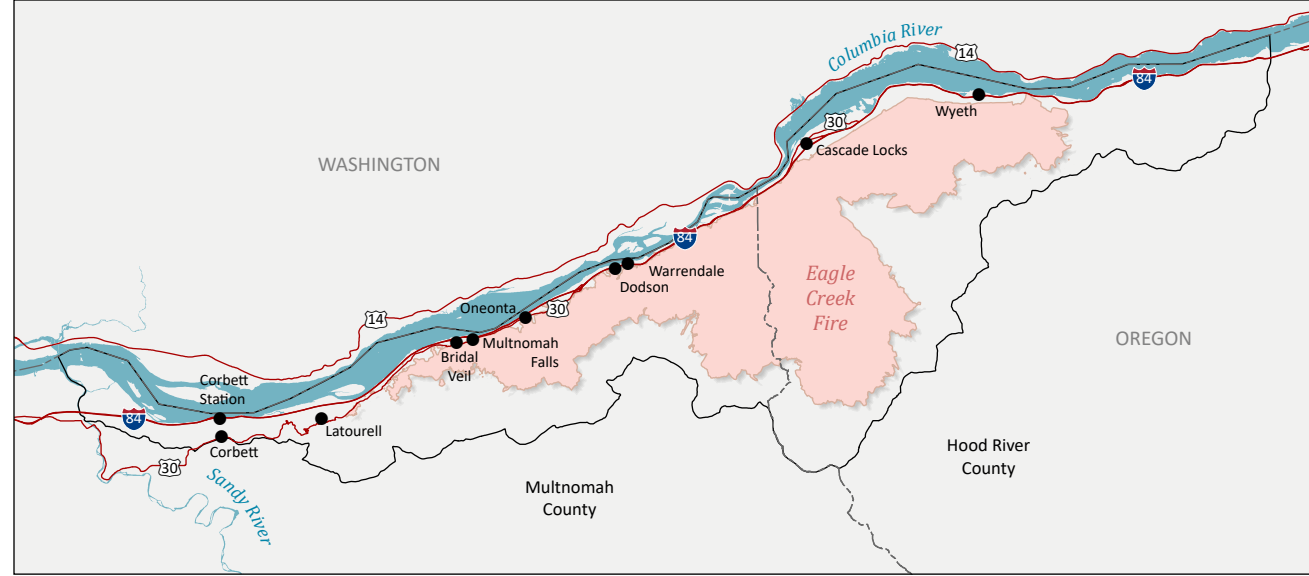
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APPENDIX A, FIGURE A-9

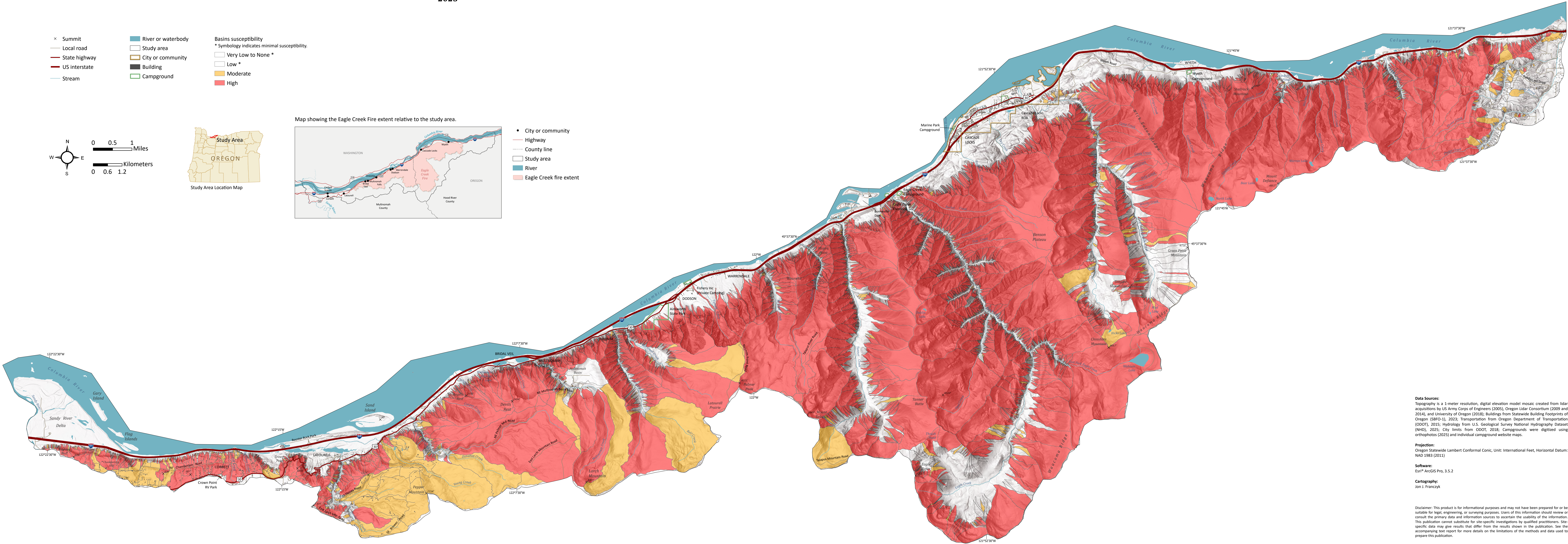
- × Summit
- Local road
- State highway
- US interstate
- Stream
- River or waterbody
- Study area
- City or community
- Building
- Campground
- Basins susceptibility
 - * Symbology indicates minimal susceptibility.
 - Very Low to None *
 - Low *
 - Moderate
 - High



Map showing the Eagle Creek Fire extent relative to the study area.



- City or community
- Highway
- County line
- Study area
- River
- Eagle Creek fire extent



Data Sources:
Topography is a 1-meter resolution, digital elevation model mosaic created from lidar acquisitions by US Army Corps of Engineers (2005), Oregon Lidar Consortium (2009 and 2014), and University of Oregon (2018); Buildings from Statewide Building Footprints of Oregon (SBFO-1), 2023; Transportation from Oregon Department of Transportation (ODOT), 2015; Hydrology from U.S. Geological Survey National Hydrography Dataset (NHD), 2025; City limits from ODOT, 2018; Campgrounds were digitized using orthophotos (2025) and individual campground website maps.

Projection:
Oregon Statewide Lambert Conformal Conic, Unit: International Feet, Horizontal Datum: NAD 1983 (2011)

Software:
Esri® ArcGIS Pro, 3.5.2

Cartography:
Jon J. Franczyk

Disclaimer: This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information. This publication cannot substitute for site-specific investigations by qualified practitioners. Site-specific data may give results that differ from the results shown in the publication. See the accompanying text report for more details on the limitations of the methods and data used to prepare this publication.



Map of Inundation Susceptibility, Eagle Creek Fire Study Area, Multnomah and Hood River Counties, Oregon

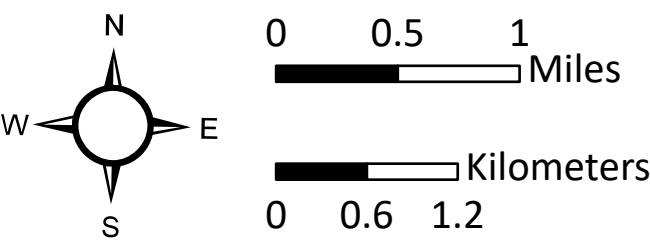
2025

Open File Report O-25-09
Debris Flow Hazard, Risk, and Risk Reduction in the Eagle Creek, Beachie
Creek-Lionshead, Holiday Farm, and Archie Creek Fire Areas, Multnomah,
Hood River, Marion, Lane, and Douglas Counties, Oregon

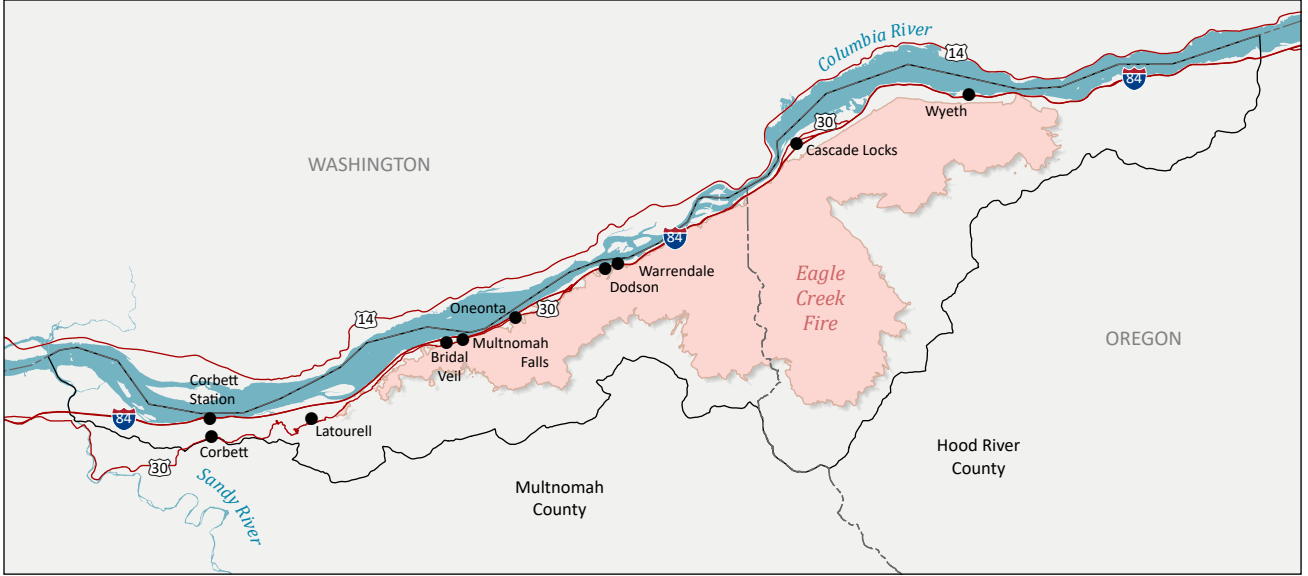
APPENDIX A, FIGURE A-10

- Summit
- Local road
- State highway
- US interstate
- Stream
- River or waterbody
- Study area
- City or community
- Building
- Campground
- Land ownership
- Federal
- State
- Tribal

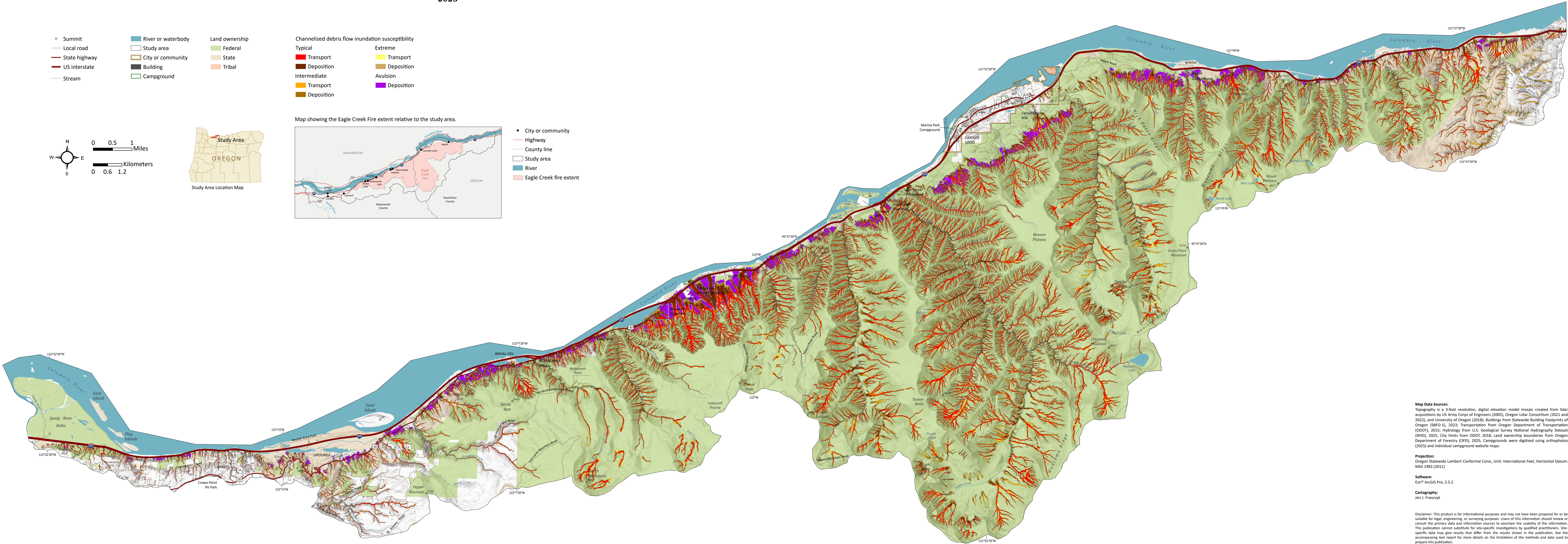
- Channelized debris flow inundation susceptibility
- Typical
- Intermediate
- Transport
- Deposition
- Extreme
- Transport
- Deposition
- Avulsion
- Deposition



Map showing the Eagle Creek Fire extent relative to the study area.



- City or community
- Highway
- County line
- Study area
- River
- Eagle Creek fire extent















Map Data Sources:
Topography is a 3-foot resolution, digital elevation model mosaic created from lidar acquisitions by US Army Corps of Engineers (2005), Oregon Lidar Consortium (2021 and 2022), and University of Oregon (2018); Buildings from Statewide Building Footprints of Oregon (SBFO-1), 2023; Transportation from Oregon Department of Transportation (ODOT), 2015; Hydrology from U.S. Geological Survey National Hydrography Dataset (NHD), 2015; City limits from ODOT, 2018; Land ownership boundaries from Oregon Department of Forestry (ODF), 2025; Campgrounds were digitized using orthophotos (2025) and individual campground website maps.













Projection:
Oregon Statewide Lambert Conformal Conic, Unit: International Feet, Horizontal Datum: NAD 1983 (2011)










Software:
Esri® ArcGIS Pro, 3.5.2

Cartography:
Jon J. Franczyk













Disclaimer: This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information. This publication cannot substitute for site-specific investigations by qualified practitioners. Site-specific data may give results that differ from the results shown in the publication. See the accompanying text report for more details on the limitations of the methods and data used to prepare this publication.













Table A-3. Results of post-fire debris flow risk analysis of assets in the entire Eagle Creek study area									
Risk Analysis by Land Use Categories in the Eagle Creek Study Area									
—			Typical Inundation	Intermediate Inundation	Extreme Inundation	Avulsion	Fan Deposit	Number of Assets at Risk ²	Percent of Total Assets at Risk
Agricultural 	Buildings		4	10	13	5	20	27	10.5%
	Value		\$363,840	\$887,040	\$1,024,080	\$361,320	\$2,159,880	\$2,564,040	6.4%
	Critical Facilities ¹		0	0	0	0	0	0	0%
Commercial 	Buildings		4	4	4	6	9	11	14.7%
	Value		\$2,148,804	\$2,148,804	\$2,148,804	\$2,862,558	\$5,138,910	\$6,797,286	18.2%
	Critical Facilities		0	0	0	0	0	0	0%
Educational 	Buildings		0	0	0	0	0	0	0%
	Value		\$0	\$0	\$0	\$0	\$0	\$0	0%
	Critical Facilities		0	0	0	0	0	0	0%
¹									
² Indicates the number of respective assets affected by any combination of risk types, e.g., a building may be at risk of typical and intermediate inundation as well as avulsion. For further explanation, see Section 3 of the report.									










Risk Analysis by Land Use Categories in the Eagle Creek Study Area, Continued									
—			Typical Inundation	Intermediate Inundation	Extreme Inundation	Avulsion	Fan Deposit	Number of Assets at Risk	Percent of Total Assets at Risk
Government 	Buildings		0	0	0	1	3	3	12.0%
	Value		\$0	\$0	\$0	\$1,313,850	\$1,944,750	\$1,944,750	9.0%
	Critical Facilities		0	0	0	0	0	0	0%
Industrial 	Buildings		1	1	1	0	0	1	2.7%
	Value		\$137,640	\$137,640	\$137,640	\$0	\$0	\$137,640	0%
	Critical Facilities		0	0	0	0	0	0	0%
Religious 	Buildings		0	0	0	0	0	0	0%
	Value		\$0	\$0	\$0	\$0	\$0	\$0	0%
	Critical Facilities		0	0	0	0	0	0	0%













Risk Analysis by Land Use Categories in the Eagle Creek Study Area, Continued									
—			Typical Inundation	Intermediate Inundation	Extreme Inundation	Avulsion	Fan Deposit	Number of Assets at Risk	Percent of Total Assets at Risk
Residential 	Buildings		35	71	92	68	116	188	11.5%
	Permanent Residents		61	126	172	122	213	349	10.9%
	Value		\$8,452,312	\$17,426,607	\$23,981,756	\$16,721,393	\$29,370,887	\$48,544,488	10.5%
	Critical Facilities		0	0	0	0	0	0	0%
Total Impacted Structures	Buildings		44	86	110	80	148	230	11.3%
	Permanent Residents		61	126	172	122	213	349	10.9%
	Value		\$11,102,596	\$20,600,091	\$27,292,280	\$21,259,121	\$38,614,427	\$59,988,204	10.2%
	Critical Facilities		0	0	0	0	0	0	0%













Risk Analysis by Road Type in the Eagle Creek Study Area							
	Typical Inundation	Intermediate Inundation	Extreme Inundation	Avulsion	Fan Deposit	Number of Assets at Risk	Percent of Total Assets at Risk
Highways (mi)	8.1	16.4	27.2	21.9	14.4	39.1	36.5%
Local Roads (mi)	12.8	20.2	25.7	10.1	14.7	35.3	23.6%
Total Impacted Miles	20.9	36.6	52.9	32.1	29.1	74.4	29.0%
Risk Analysis at Local Campgrounds in the Eagle Creek Study Area							
Wyeth Campground	✓	✓	✓	✓	✓	—	—
Cascade Locks KOA	—	—	—	—	—	—	—
Eagle Creek Campground	—	✓	✓	—	—	—	—
Eagle Creek Overlook	—	—	—	—	—	—	—
Fishery Inc – Private Camping	✓	✓	✓	—	✓	—	—
Ainsworth State Park	✓	✓	✓	✓	✓	—	—
Crown Point RV Park	—	—	—	—	—	—	—
Marine Park Campground	—	—	—	—	—	—	—
Total Impacted Campgrounds	3	4	4	2	3	4	50%










Risk Analysis by Land Use Categories in Hood River Unincorporated Communities								
—		Typical Inundation	Intermediate Inundation	Extreme Inundation	Avulsion	Fan Deposit	Number of Assets at Risk*	Percent of Total Assets at Risk
Agricultural 	Buildings 	4	8	8	2	6	10	8.8%
	Value 	\$363,840	\$827,160	\$827,160	\$210,840	\$973,080	\$1,299,480	5.7%
	Critical Facilities 	0	0	0	0	0	0	0%
Commercial 	Buildings 	0	0	0	0	0	0	0%
	Value 	\$0	\$0	\$0	\$0	\$0	\$0	0%
	Critical Facilities 	0	0	0	0	0	0	0%
Educational 	Buildings 	0	0	0	0	0	0	0%
	Value 	\$0	\$0	\$0	\$0	\$0	\$0	0%
	Critical Facilities 	0	0	0	0	0	0	0%










Risk Analysis by Land Use Categories in Hood River Unincorporated Communities, Continued									
—			Typical Inundation	Intermediate Inundation	Extreme Inundation	Avulsion	Fan Deposit	Number of Assets at Risk	Percent of Total Assets at Risk
<div>Government</div> <div></div>	Buildings		0	0	0	0	2	2	100%
	Value		\$0	\$0	\$0	\$0	\$630,900	\$630,900	100%
	Critical Facilities		0	0	0	0	0	0	0%
<div>Industrial</div> <div></div>	Buildings		0	0	0	0	0	0	0%
	Value		\$0	\$0	\$0	\$0	\$0	\$0	0%
	Critical Facilities		0	0	0	0	0	0	0%
<div>Religious</div> <div></div>	Buildings		0	0	0	0	0	0	0%
	Value		\$0	\$0	\$0	\$0	\$0	\$0	0%
	Critical Facilities		0	0	0	0	0	0	0%













Risk Analysis by Land Use Categories in Hood River Unincorporated Communities, Continued									
—			Typical Inundation	Intermediate Inundation	Extreme Inundation	Avulsion	Fan Deposit	Number of Assets at Risk	Percent of Total Assets at Risk
Residential 	Buildings		4	14	16	6	9	17	8.5%
	Permanent Residents		6	22	24	11	16	27	7.4%
	Value		\$889,630	\$3,029,485	\$3,345,722	\$1,355,256	\$1,995,250	\$3,555,890	6.9%
	Critical Facilities		0	0	0	0	0	0	0%
Total Impacted Structures	Buildings		8	22	24	8	17	29	9.0%
	Permanent Residents		6	22	24	11	16	27	7.4%
	Value		\$1,253,470	\$3,856,645	\$4,172,882	\$1,566,096	\$3,599,230	\$5,486,270	7.0%
	Critical Facilities		0	0	0	0	0	0	0%










Risk Analysis by Land Use Categories in Multnomah County Unincorporated Communities									
—			Typical Inundation	Intermediate Inundation	Extreme Inundation	Avulsion	Fan Deposit	Number of Assets at Risk*	Percent of Total Assets at Risk
Agricultural 	Buildings		0	2	5	3	14	17	21.0%
	Value		\$0	\$59,880	\$196,920	\$150,480	\$1,186,800	\$1,264,560	14.3%
	Critical Facilities		0	0	0	0	0	0	0%
Commercial 	Buildings		4	4	4	6	9	11	25.6%
	Value		\$2,148,804	\$2,148,804	\$2,148,804	\$2,862,558	\$5,138,910	\$6,797,286	26.4%
	Critical Facilities		0	0	0	0	0	0	0%
Educational 	Buildings		0	0	0	0	0	0	0%
	Value		\$0	\$0	\$0	\$0	\$0	\$0	0%
	Critical Facilities		0	0	0	0	0	0	0%

Risk Analysis by Land Use Categories in Multnomah County Unincorporated Communities, Continued									
			Typical Inundation	Intermediate Inundation	Extreme Inundation	Avulsion	Fan Deposit	Number of Assets at Risk	Percent of Total Assets at Risk
Government 	Buildings		0	0	0	1	1	1	10.0%
	Value		\$0	\$0	\$0	\$1,313,850	\$1,313,850	\$1,313,850	22.8%
	Critical Facilities*		0	0	0	0	0	0	0%
Industrial 	Buildings		1	1	1	0	0	1	50.0%
	Value		\$137,640	\$137,640	\$137,640	\$0	\$0	\$137,640	33.3%
	Critical Facilities*		0	0	0	0	0	0	0%
Religious 	Buildings		0	0	0	0	0	0	0%
	Value		\$0	\$0	\$0	\$0	\$0	\$0	0%
	Critical Facilities*		0	0	0	0	0	0	0%

Risk Analysis by Land Use Categories in Multnomah County Unincorporated Communities, Continued									
—			Typical Inundation	Intermediate Inundation	Extreme Inundation	Avulsion	Fan Deposit	Number of Assets at Risk	Percent of Total Assets at Risk
Residential 	Buildings		31	57	76	62	107	171	19.8%
	Permanent Residents		55	104	148	111	197	322	18.0%
	Value		\$7,562,682	\$14,397,122	\$20,636,034	\$15,366,137	\$27,375,637	\$44,988,598	17.6%
	Critical Facilities*		0	0	0	0	0	0	0%
Total Impacted Structures	Buildings		36	64	86	72	131	201	20.1%
	Permanent Residents		55	104	148	111	197	322	18.0%
	Value		\$9,849,126	\$16,743,446	\$23,119,398	\$19,693,025	\$35,015,197	\$54,501,934	18.4%
	Critical Facilities*		0	0	0	0	0	0	0%

Risk Analysis by Land Use Categories in Cascade Locks									
—			Typical Inundation	Intermediate Inundation	Extreme Inundation	Avulsion	Fan Deposit	Number of Assets at Risk*	Percent of Total Assets at Risk
Agricultural 	Buildings 	0	0	0	0	0	0	0	0%
	Value 	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0%
	Critical Facilities 	0	0	0	0	0	0	0	0%
Commercial 	Buildings 	0	0	0	0	0	0	0	0%
	Value 	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0%
	Critical Facilities 	0	0	0	0	0	0	0	0%
Educational 	Buildings 	0	0	0	0	0	0	0	0%
	Value 	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0%
	Critical Facilities 	0	0	0	0	0	0	0	0%

Risk Analysis by Land Use Categories in Cascade Locks									
—			Typical Inundation	Intermediate Inundation	Extreme Inundation	Avulsion	Fan Deposit	Number of Assets at Risk	Percent of Total Assets at Risk
Government 	Buildings		0	0	0	0	0	0	0%
	Value		\$0	\$0	\$0	\$0	\$0	\$0	0%
	Critical Facilities*		0	0	0	0	0	0	0%
Industrial 	Buildings		0	0	0	0	0	0	0%
	Value		\$0	\$0	\$0	\$0	\$0	\$0	0%
	Critical Facilities*		0	0	0	0	0	0	0%
Religious 	Buildings		0	0	0	0	0	0	0%
	Value		\$0	\$0	\$0	\$0	\$0	\$0	0%
	Critical Facilities*		0	0	0	0	0	0	0%

Risk Analysis by Land Use Categories in Cascade Locks									
—			Typical Inundation	Intermediate Inundation	Extreme Inundation	Avulsion	Fan Deposit	Number of Assets at Risk	Percent of Total Assets at Risk
Residential 	Buildings		0	0	0	0	0	0	0%
	Permanent Residents		0	0	0	0	0	0	0%
	Value		\$0	\$0	\$0	\$0	\$0	\$0	0%
	Critical Facilities*		0	0	0	0	0	0	0%
Total Impacted Structures	Buildings		0	0	0	0	0	0	0%
	Permanent Residents		0	0	0	0	0	0	0%
	Value		\$0	\$0	\$0	\$0	\$0	\$0	0%
	Critical Facilities*		0	0	0	0	0	0	0%