



Channel Migration Hazard Map of Washington County, Oregon

Channel Migration Hazard Zone

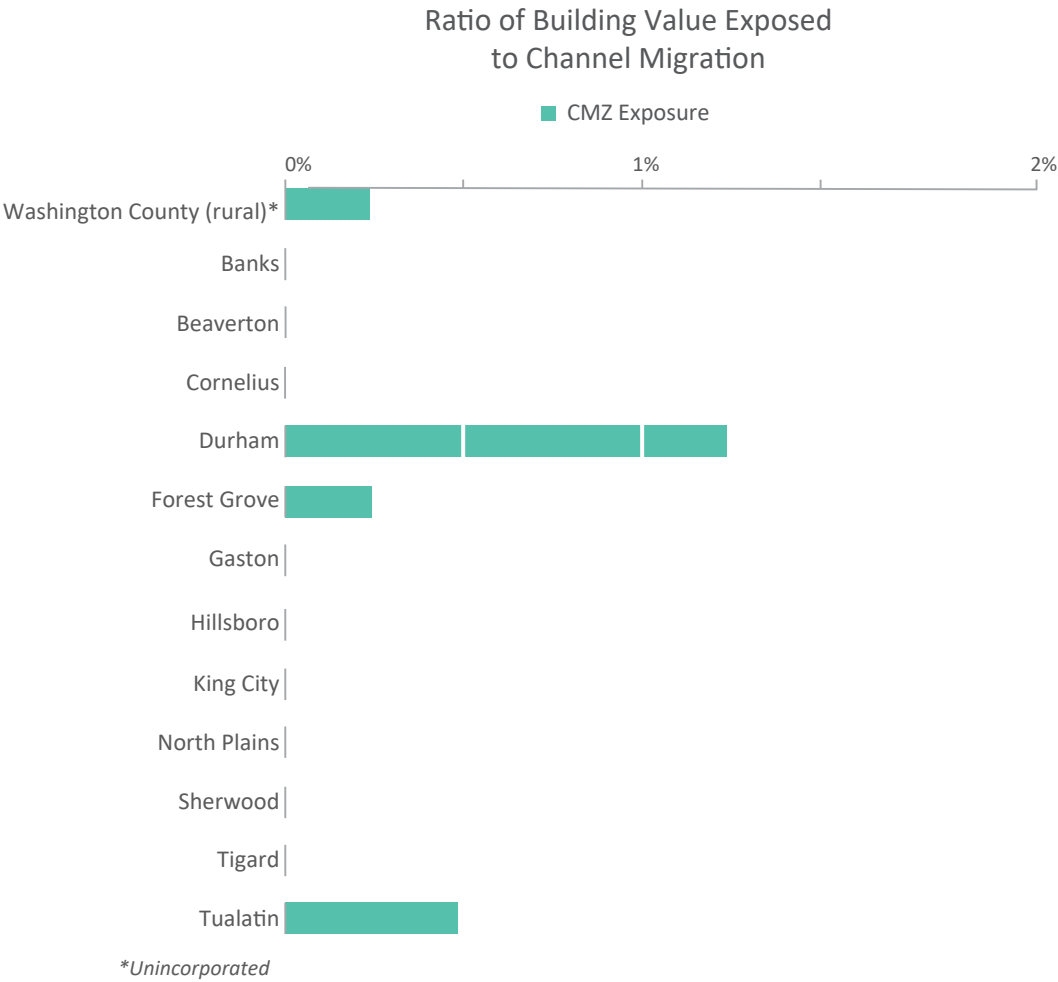
100-Year Erosion

Channel migration is a process by which a stream’s course changes over time due to bank erosion and stream deposition. The channel migration zone is defined by the 30-year Erosion Hazard Area (EHA). To better visualize hazard areas in Washington County, the 100-year EHA has been mapped here. Buildings within these areas are at greater risk to channel migration hazard than other areas.

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Study Location Map



Data Sources:
Channel migration zone (30-year): DOGAMI (Appleby and others, 2021)
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: Lowell H. Anthony, 2019

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

