Gales Creek Magnitude 6.7 Earthquake Shaking Map of Washington County, Oregon

**Earthquake Peak Ground Acceleration**
(Modified Mercalli Intensity Scale)

- **Moderate**
- **Severe**

Peak Ground Acceleration (PGA) is the maximum acceleration in a given location or rather how hard the ground is shaking during an earthquake. It is one measurement of ground motion, which is closely associated with the level of damage that occurs from an earthquake.

**Total Building Value Loss Ratio from Gales Creek Fault Mw 6.7 Earthquake**

- Washington County (rural)*
- Banks
- Beaverton
- Cornelius
- Durham
- Forest Grove
- Gaston
- Hillsboro
- King City
- North Plains
- Sherwood
- Tigard
- Tualatin

*Unincorporated

**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.

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.

Data Sources:
- Earthquake peak ground acceleration: Calculated in Hazus-MH 5.0 (2022)
- Roads: Oregon Department of Transportation Signed Routes (2013)
- City limits: Oregon Department of Transportation (2014)
- Basevector: Oregon Lidar Consortium (2014)
- Projected: SAD 1983 UTM Zone 10N
- Software: Esri® ArcMap 10, Adobe® Illustrator CC
- Cartography by: Matt C. Williams, 2022

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