Distant Source (Alaska-Aleutian Subduction Zone) Tsunami Inundation Map
Coos River North, Oregon

Map Explanation:

The optical intensity of buildings was determined based on the following parameters:

- Earthquake Size
- Earthquake Location
- Building Damage
- Building Location

Earthquake Location: The earthquake location is determined by the Earthquake Magnitude and the Distance from the Seismic Source. The intensity of the earthquake is directly proportional to the magnitude. The intensity decreases as the distance from the epicenter increases.

Building Damage: The intensity of the buildings is determined by the Building Damage and the Distance from the Buildings. The intensity of the buildings increases as the damage increases.

Building Location: The intensity of the buildings is determined by the Building Location and the Distance from the Map Boundaries. The intensity of the buildings decreases as the distance from the map boundaries increases.

Note: The above explanation is a simplified representation of the data used in the map.

Data References:

- Tsunami Inundation Scenarios
- Maximum Wave Elevation Profile
- Simulated Gauge Station
- Earthquake Size
- Earthquake Location
- Building Damage
- Building Location
- Map Date
- Map Production
- Map Data Creation/Development
- Tsunami Inundation Map Coos-06
- Tsunami Inundation Map Coos-05
- Tsunami Inundation Map Coos-04
- Tsunami Inundation Map Coos-03
- Tsunami Inundation Map Coos-02
- Tsunami Inundation Map Coos-01

Map Date: 2016
Map Production: Taylore E. Womble
Map Data Creation/Development: Rachel R. Lyles Smith

Taylore E. Womble
Map Production
Rachel R. Lyles Smith
Map Data Creation/Development

Allegany and LDQ-2009-43124-D2-NorthBend.

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