



Map Sheet 6

Detailed tsunami inundation of southwest Washington—Willapa Bay to the Columbia River

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WASHINGTON GEOLOGICAL SURVEY
MAP SERIES 2018-01
MAP SHEET 6 of 6

Tsunami hazard maps of southwest Washington—Model results from a ~2,500-year Cascadia subduction zone earthquake scenario March 2018 [revised May 2018]

MAP SYMBOLS

- Point elevation
- Shoreline where inundation is inferred but not quantified
- US or state highway
- Road
- Non-motorized route
- Lidar extent
- Study area boundary

Arrow indicates actual tsunami inundation may extend farther than modeled inundation outside of high-resolution lidar coverage or study extent

Modeled inundation depth (feet)

Pre-earthquake open water

WASHINGTON

Shaded relief generated from 10-meter digital elevation model and composite lidar 3-foot digital elevation model. HARN State Plane coordinate system, Washington South FIPS 4602 North American Datum of 1983. Digital cartography by Daniel E. Coe. Editing and production by Jessica L. Czajkowski and Susan R. Schurr.

map area

WASHINGTON COUNTY
GRAYS HARBOR COUNTY
PACIFIC COUNTY
WAHIAKUM COUNTY

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Tsunami terminology diagram

Diagram defining tsunami terminology: (1) the **wave crest** is the peak height of the wave, referenced offshore, where the wave is influenced only by local bathymetry; (2) **inundation depth** is the height of water above the ground surface for any on-land location (Map Sheets 5 and 6 show the maximum inundation depth); (3) **inundation extent** is the farthest inland point that the tsunami will reach. This diagram does not reflect the proportions of an actual tsunami and shows only a single snapshot in time at maximum inundation.