Grayland Tsunami Evacuation Walk Times

Estimated Wave Arrival Time: 15 min

IN CASE OF EARTHQUAKE, GO TO HIGH GROUND OR INLAND

WASHINGTON GEOLOGICAL SURVEY
OCTOBER 2022

This map is a planning and preparation tool. Learn the evacuation routes for you and your family where you live, work, and play—evacuation maps may not be on hand during an actual emergency.

This evacuation walk time map for Grayland provides an estimate of the amount of time it would take to evacuate from the vicinity of Grayland Beach Access to the Assembly Area\footnote{In some places a slow walk may not be fast enough to evacuate before waves arrive. In these cases a faster evacuation pace will be necessary. Some areas may require vertical evacuation structures for successful evacuation.} in the event of a tsunami. This map includes the time between the beginning of the earthquake and estimated wave arrival at that location.

Evacuation should begin as soon as earthquake shaking stops and it is safe to move from your drop, slope, and hold position or at a designated evacuation zone. NOAA tsunami watches, warnings, or other mandatory evacuation announcements.\footnote{You should make your way up to high ground and follow the designated evacuation routes shown on this map. These routes were selected based on safe evacuation, but may be affected by changes in roadway or property access development that could affect evacuation times. Use visual and auditory cues when evacuating and be prepared to take alternate routes if necessary.}

Pre-evacuation assembly areas are shown on this map. These are typically in open areas away from objects and structures, but beyond the tsunami inundation zone and likely will not have immediate access to shelter.

Do not wait at crossroads until instructed to do so by local officials. Tsunamis are high-energy events. The first wave may not be the highest, and design of tsunami inundation may be affected by other factors after the initial wave has subsided.

Tsunami inundation data from:

[https://www.dnr.wa.gov/publications/ger_ms2018-01_tsunami_hazard_southwest_washington.zip]