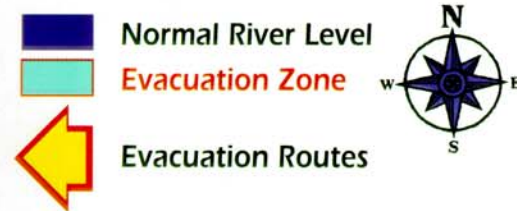


Winchester Bay/ Salmon Harbor Tsunami Evacuation Routes

Winchester Bay Area Map



Key To Features

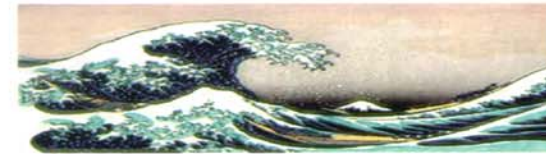


Winchester Bay Close-up Map



Gardiner Tsunami Evacuation Routes

**Follow This Sign To
Higher Ground And Safety!**



Tsunami: (Soo-Nah-Mee) - Japanese word meaning "Harbor Wave."

What is a Tsunami?

A tsunami is a series of large sea waves usually caused by an undersea earthquake. The waves travel at speeds up to 600 miles per hour, sometimes crossing the entire Pacific Ocean. A tsunami is not one wave, but a series of waves.



When does a Tsunami occur?

It can occur any time of day or night after an earthquake. Experts believe that a tsunami caused by an undersea earthquake near the Oregon Coast could strike the Oregon coastline **within 5-30 minutes** after the earthquake, before official warning is possible. Earthquakes thousands of miles away in Alaska, Russia, Japan and other areas in the Pacific Rim can cause a tsunami on the Oregon coast, but will take several hours to arrive, allowing time for an official warning.



Tsunami Facts:

- Some Tsunamis can be very large. In coastal areas their wave height can be as great as 30 feet or more (100 feet in extreme cases!)
- Tsunamis can travel up rivers and streams that lead to the ocean.
- ALL low-lying coastal areas could be affected by a tsunami.
- In 1960 a 9.5 magnitude earthquake in Chile produced tsunami waves that killed nearly 1,000 people.
- The 1964 Alaskan earthquake had a magnitude of 9.2. The death toll due to the resulting tsunamis was 106 people.
- A tsunami generated by the same 1964 Alaskan earthquake also struck the Oregon Coastline, killing four. The wave height measured at the mouth of the Umpqua River was 14.2 feet.



Developed By:



TSUNAMI

Evacuation Route Maps

Reedsport Gardiner
Winchester Bay/Salmon Harbor

**REMEMBER, IF YOU FEEL
AN EARTHQUAKE
ON THE COAST:**

- 1.** Drop, cover and hold on until the earthquake is over.
- 2.** Move QUICKLY inland to higher ground away from low-lying areas. Do not pack or delay! There may be a TSUNAMI coming!

**Follow This Sign To
Higher Ground And Safety!**



**DO NOT WAIT FOR AN
OFFICIAL WARNING!**

- 3.** DO NOT RETURN to the shore after the First Wave, more may be coming!
- 4.** Listen to your radio for an official "All Clear."



Computer Simulation of Worst-case
Tsunami Impact on Coastal Communities

**If You Feel The Ground Shake
DO NOT WAIT FOR AN
OFFICIAL WARNING!**



**Follow This Sign To
Higher Ground And Safety!**

Vicinity Map



Reedsport Tsunami Evacuation Routes

