This tsunami evacuation zone map was developed by DOGAMI for the purpose of evaluating the most effective means to guide the public in the event of a tsunami evacuation. The map is based on preliminary data and should not be used for site-specific planning. This map adopts recommendations from the Oregon Tsunami Advisory Council. The evacuation routes were developed by local emergency officials and reviewed by the Oregon Department of Emergency Management.

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IF YOU FEEL AN EARTHQUAKE:
• Drop, cover, and hold
• Move immediately inland to higher ground
• Do not wait for an official warning

SI USTED SIENTE EL TEMBLOR:
• Tírese al suelo, cúbrase, y espere
• Diríjase de inmediato a un lugar más alto que el nivel del mar
• No espere por un aviso oficial

OUTSIDE HAZARD AREA: Evacuate to this area for all tsunami warnings or if you feel an earthquake.

LOCAL CASCADIA EARTHQUAKE AND TSUNAMI: Evacuation zone for a local tsunami from an earthquake at the Oregon coast.

DISTANT TSUNAMI: Evacuation zone for a distant tsunami from an earthquake far away from the Oregon coast.

LOCAL TSUNAMI EVACUATION ZONE

DISTANT TSUNAMI EVACUATION ZONE

OUTSIDE HAZARD AREA

TSUNAMI ZONES UPDATED 10-30-20

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MAP SYMBOLS / SIMBOLOS DEL MAPA

Evacuation route / Ruta de evacuación
Assembly area / Área reunión
Law enforcement / Policía
Fire Department / Bomberos
City Hall / Municipalidad
Bridge / Puente

SCALE / ESCALA

0.25 mile
0.25 km

Elevation, in feet / Elevación, en pies

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If you feel an earthquake, a tsunami may be coming...

WHAT TO DO:
• DROP, COVER, HOLD until the earthquake is over; protect yourself
• MOVE IMMEDIATELY INLAND to high ground and away from low-lying coastal areas
• FOLLOW EVACUATION ROUTE SIGNS
• DO NOT WAIT for an official warning
• DO ON FOOT if at all possible
• DO NOT PACK or delay
• DO NOT RETURN to the beach – large waves may continue to come onshore for several hours
• WAIT for an “all clear” from local emergency officials before returning to low-lying areas

WHAT TO DO FOR BOTH LOCAL AND DISTANT TSUNAMIS:
• WAIT for an “all clear” from local officials. Tsunamis often follow river channels, and dangerous waves can persist for several hours.
• Local officials must inspect all flooded or earthquake-damaged structures before anyone can go back into them.
• After evacuation, check with local emergency officials if you think you have special skills and can help, or if you want to start a tsunami buddy system.

WHAT TO KNOW ABOUT TSUNAMIS
• Tsunami is a series of sea waves, usually caused by a displacement of the ocean floor by an undersea earthquake.
• Tsunamis can cause great loss of life and property damage.
• Recent research suggests that tsunamis have struck the Oregon coast on a regular basis. They can occur any time, day or night.
• Typical wave heights from tsunamis occurring in the Pacific Ocean over the last 500 years have been 20-65 feet at the shoreline. However, because of local conditions a few waves may have been much higher – as much as 100 feet.
• We distinguish between a tsunami caused by an undersea earthquake near the Oregon coast (a local tsunami) and an undersea earthquake far away from the coast (a distant tsunami).

LOCAL TSUNAMIS
• Evacuation for a local tsunami will generally be indicated by an announcement over NOAA weather radio that the local tsunami warning area has been put into an official TSUNAMI WARNING. If you do not hear an announcement, you should prompt you to move immediately to high ground. If you see a sudden sea level change, first evacuate away from shoreline areas, then turn on your local broadcast media or NOAA weather radio for more information.

DISTANT TSUNAMIS
• Distant tsunamis will take 4 hours or more to come ashore. You will feel no earthquake, and the tsunami will generally be indicated by an announcement over NOAA weather radio that the local tsunami warning area has been put into an official TSUNAMI WARNING. If you do not hear an announcement, you should prompt you to move immediately to high ground. If you see a sudden sea level change, first evacuate away from shoreline areas, then turn on your local broadcast media or NOAA weather radio for more information.

CONTACTS
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Garibaldi, OR
(503) 322-3327
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800 NE Oregon Street, Suite 945
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National Tsunami Warning Center (NTWC)
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Palmer, AK 99645
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