

For further information on the program
please visit

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For further information about
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Tsunami Mitigation

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Tsunami Signs

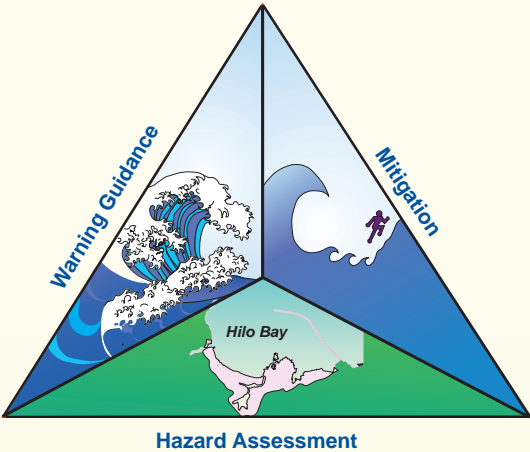
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**The National Tsunami
Hazard Mitigation
Program**



**A State/Federal Partnership created
to reduce the impacts of tsunamis to
U.S. Coastal areas by coordinating the
state efforts of Alaska, California,
Hawaii, Oregon, and Washington
with the federal activities of the
National Oceanic and Atmospheric
Administration, the Federal
Emergency Management Agency, and
the U.S. Geological Survey.**



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Mitigation Program Steering
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**Develop State/NOAA
Coordination and Technical
Support**

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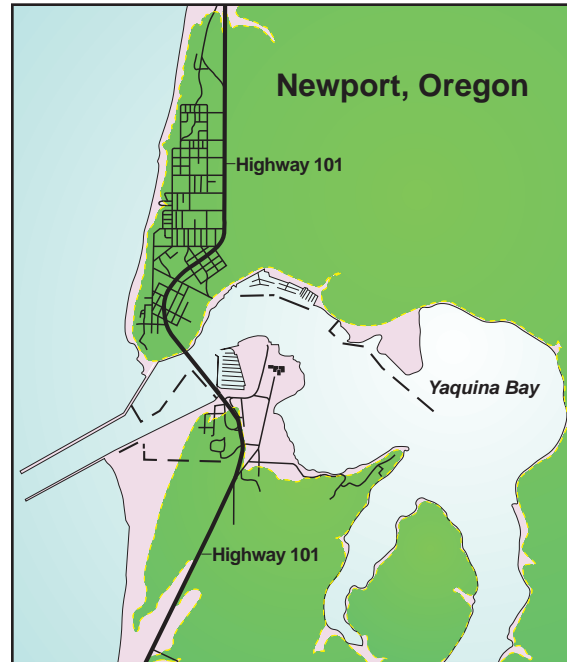
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Hazard Assessment



Potential Tsunami Inundation Areas

Map produced by the Oregon Department of Geology in collaboration with the Oregon Graduate Institute of Science and Technology and TIME.

Maps identifying the areas of likely tsunami flooding for at-risk communities are being constructed to guide local tsunami hazard planning. The tsunami inundation map for Newport, Oregon, shown above, was created using a combination of numerical models and tsunami scenarios. The Center for Tsunami Inundation Mapping Efforts (TIME) was created to assist the states in map production.

Warning Guidance



- Earthquake Zones
- Coastal Communities
- Earthquake Detectors
- Tsunami Detectors

Tsunami warnings have been improved through the installation of an array of deep ocean tsunami detectors and a major upgrade of existing earthquake detection networks. The locations of the oceanic sensors and land-based seismic sensors are identified on this map. These sensors will provide faster, more accurate estimates of tsunamis.

Mitigation



Tsunami mitigation tools are being developed for the states and local communities based on an evaluation of needs and an assessment of existing products. These signs have been adopted by the Group as appropriate signage for coastal communities.