

Site Resilience Planning Map






Curry General Hospital, Gold Beach, Oregon

The Site Resilience Planning Map shows Curry General Hospital and its tsunami hazards. For life safety purposes, all people located within the tsunami hazard zones are urged to move quickly to high ground above the tsunami hazard zones. Based on the worst-case scenario, the tsunami is expected to arrive at the hospital approximately 15 minutes starting from the onset of earthquake shaking. The tsunami runup elevation behind the hospital is approximately 130 ft. The elevation of the main hospital is approximately 65 ft. The tsunami approaches from the southwest direction. Tsunami maximum flow depths surrounding the hospital are on the order of 60 ft. Tsunami maximum velocities at the hospital exceed 30 mph.

Curry General should **not** evacuate from a "Distant Tsunami," which is generated from an earthquake far away from the Oregon coast, near Alaska or Japan. See the Regional Resilience Planning Map for a view of the surrounding critical facilities.

Explanation of Symbols

Tsunamis generated by a Cascadia Subduction Zone earthquake can vary in size from SM, M, L, XL, to XXL.

-  Small Tsunami Hazard Zone (SM)
(This zone captures ~26% of local tsunamis, meaning there is a 74% chance the next tsunami will be larger than this scenario.)
-  Medium Tsunami Hazard Zone (M)
(This zone captures ~79% of local tsunamis.)
-  Large Tsunami Hazard Zone (L)
(This zone captures ~95% of local tsunamis.)
-  Extra Large Tsunami Hazard Zone (XL)
(This zone captures ~98% of local tsunamis.)
-  Extra Extra Large Tsunami Hazard Zone (XXL)
(This zone captures 100% of local tsunamis, meaning this is the largest tsunami the model anticipates. The tsunami evacuation zone is defined by the XXL zone.)

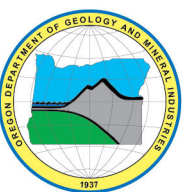
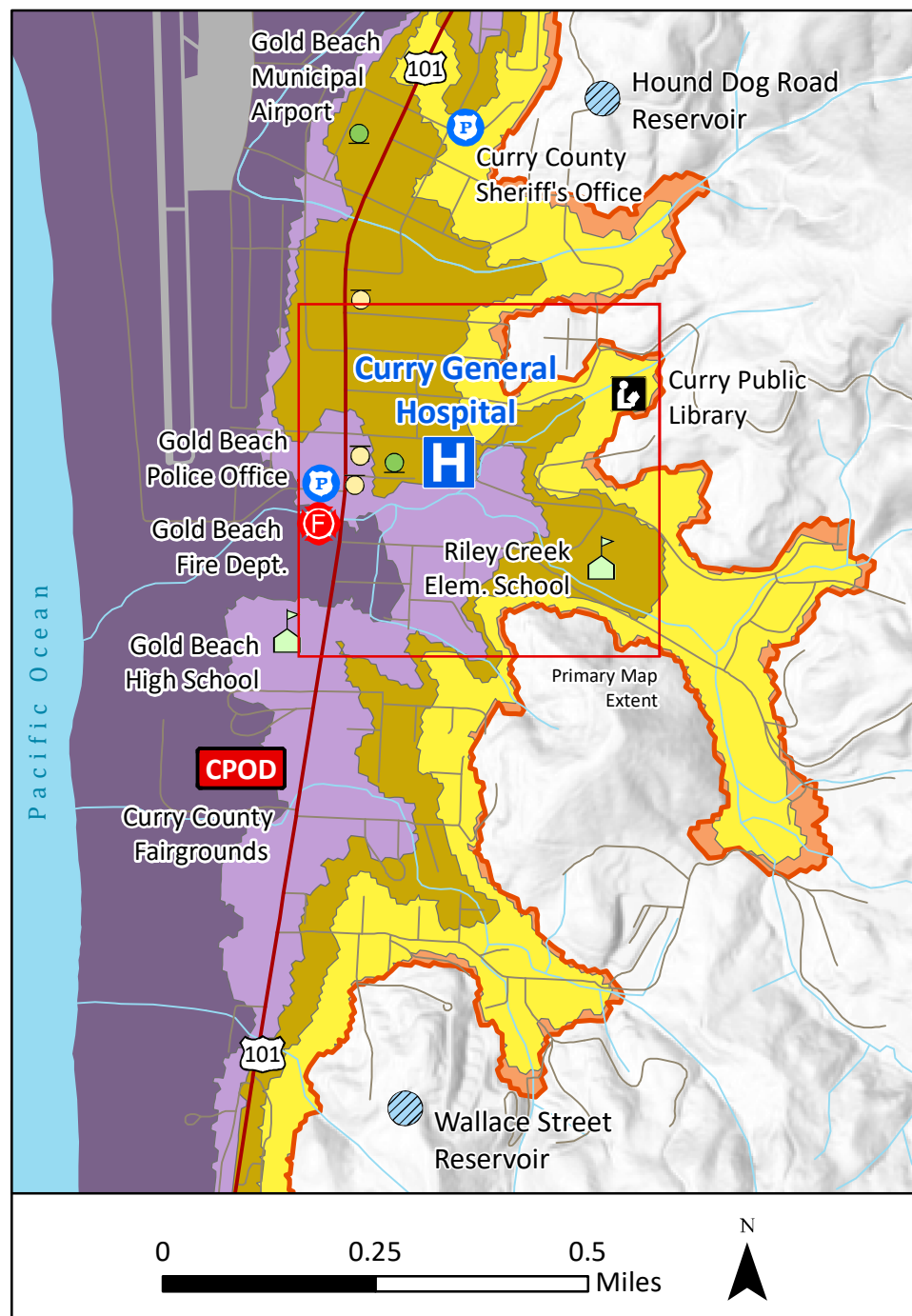
Source: DOGAMI Open-File Report O-13-19 (<https://www.oregongeology.org/pubs/ofr/p-o-13-19.htm>)

More tsunami information at www.OregonTsunami.org, including:

- Tsunami evacuation maps (including assembly areas)
- Online interactive map viewer
- Local tsunami hazard zones: DOGAMI Open-File Report O-13-19 (2013)
- Original scientific publication: DOGAMI Special Paper 43 (2011)

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|---|--|
|  Hospital |  Parking Lots |
|  Community Point of Distribution |  Open Spaces |
|  Assembly Area |  Existing Landslide Hazard Area |
|  Buildings of Interest |  Fuel - above ground |
|  Buildings |  Fuel - underground |

Gold Beach Area Map



STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
www.oregongeology.org
Open-File Report O-20-02
Oregon Coastal Hospital Resilience Project: Resilience Planning Maps and Guidance

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