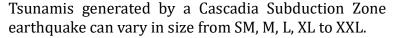
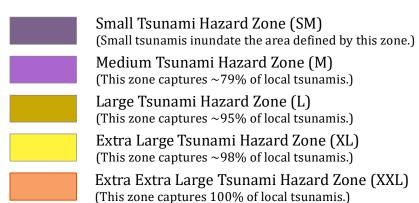
## **Site Resilience Planning Map**

## Columbia Memorial Hospital Astoria, Oregon

This resilience map shows the Columbia Memorial Hospital and its tsunami hazards. For life safety purposes, all people located within the tsunami evacuation zone are urged to move quickly to high ground above the tsunami evacuation zone. In the worst-case scenario, the tsunami is expected to arrive at the hospital approximately 44 minutes after the onset of earthquake shaking. The tsunami runup elevation behind the hospital is approximately 48 to 52 ft. The elevation of the main hospital is approximately 19 ft. See the Columbia Memorial Hospital regional resilience planning map for a view of the surrounding critical facilities. Columbia Memorial should *not* evacuate from a "distant tsunami," which is generated from an earthquake far away from the Oregon coast, such as Alaska or Japan.

## **Explanation of Symbols**





The tsunami evacuation zone is defined by the XXL zone.

DOGAMI tsunami evacuation brochures are available at: <a href="https://www.OregonTsunami.org">www.OregonTsunami.org</a>

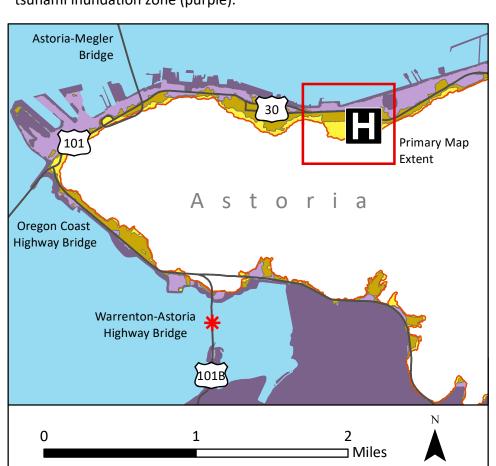
Source: DOGAMI Special Paper 43 (2011)

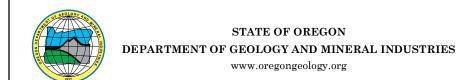




## Astoria Area Map

Clatsop County Airport (southwest of mapped area) is in the Small (SM) tsunami inundation zone (purple).





Prepared by: Yumei Wang and Jon J. Franczyk February 2018

