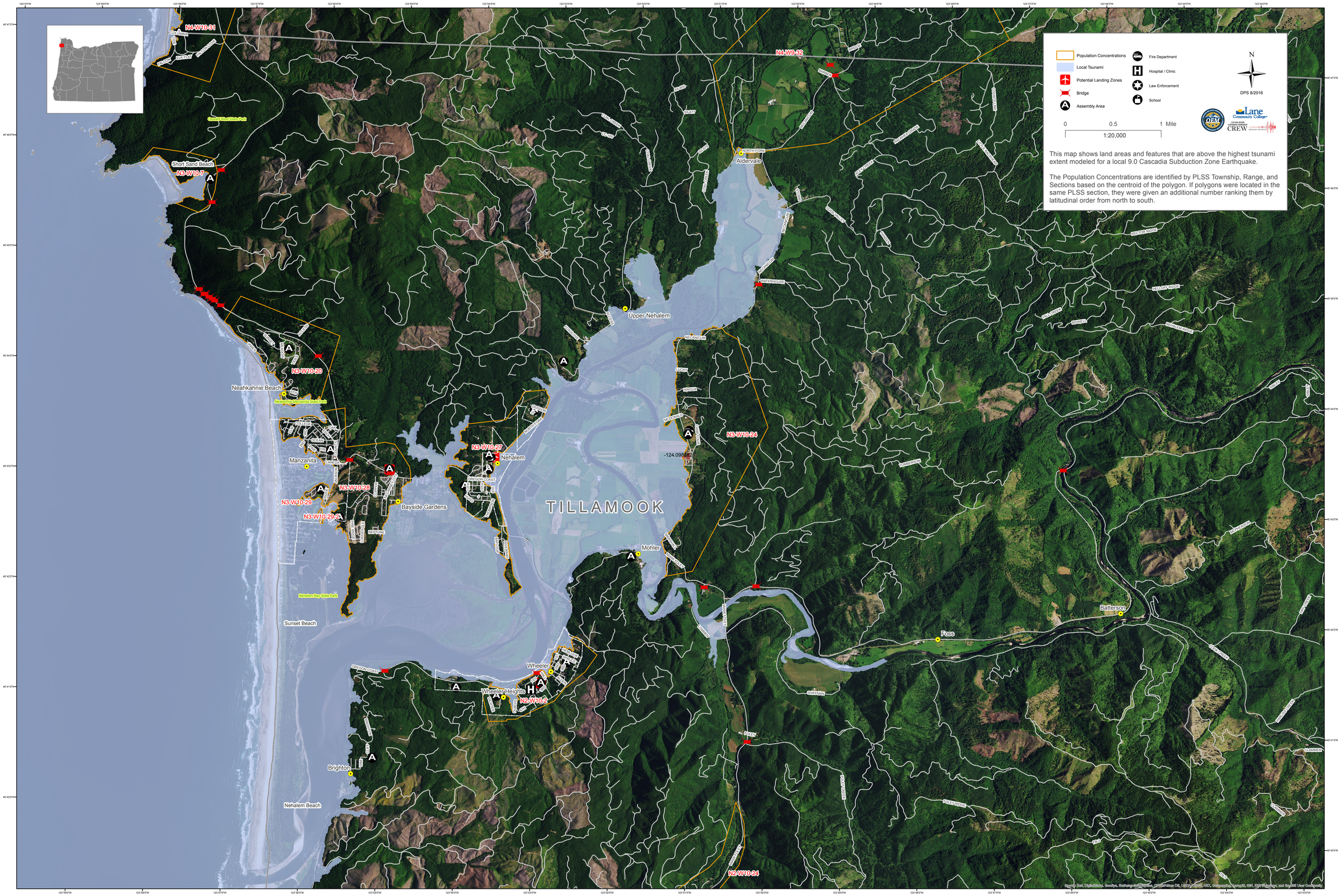
Plate 6: Manzanita, Nehalem, Wheeler Tsunami Inundation Map for a Simulated Magnitude 9 Cascadia Earthquake



This map shows land areas and features that are above the highest tsunami extent modeled for a local 9.0 Cascadia Subduction Zone Earthquake.

The Population Concentrations are identified by PLSS Township, Range, and Sections based on the centroid of the polygon. If polygons were located in the same PLSS section, they were given an additional number ranking them by latitudinal order from north to south.

Coordinate System: NAD 1983 CORS96 Oregon Statewide Lambert Ft Intl. Source: Base map- Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, Bridge Data- ODOT 2016, Road Data- 2014 ODOT, Tsunami inundation: DOGAMI Open File Report 0-13-19, Point Features- DOGAMI Critical Features and OEM Workshops in 2014 and 2016. NOTICE: This map cannot serve as a substitute for site-specific investigations by qualified practitioners. Site-specific data may give results that differ from those shown on the maps. The view and conclusion contained in this document are those of the authors and should not be interpreted as necessarily representing the official policies, either expressed or implied, of the U.S. government. There are no warranties that accompany this product. This product is for informational purposes only. Care was taken in the creation of this map, but it is provided “as is.” Its suitability for legal, planning, public safety, or resource management purposes should be confirmed with the appropriate government entity and/or by consultation of primary data and information sources.

Cartography: Christopher Cousins, Ryan McGuire, Lynn Songer - Spring 2016