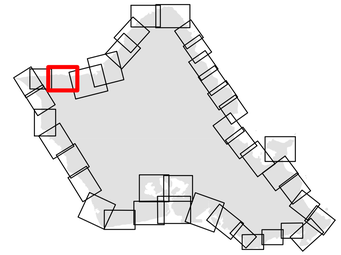
O'ahu Coastal Communities Evacuation Planning

DRAFT Map 14.1 Dillingham



Map Contents

- Proposed Evac Route
- Stream
- 100ft Stream Buffer
- Park
- Tsunami Evac Zone
- Extr Tsunami Evac Zone

Map Description

The magnitude 9.0 Tohoku, Japan earthquake on March 11, 2011, resulted in one of the largest tsunamis in recorded history. It has become increasingly recognized that past inundation modeling for Hawaii tsunami evacuations did not consider all possible sources of tsunamis. This recognition has lead to an analysis of the potential for other sources of large tsunamis that could affect Hawaii in excess of the historical record.

The project was a collaboration with the Tsunami Inundation Mapping Project at the University of Hawaii, Mānoa. The Extreme Tsunami Evacuation Zone (XTEZ) maps use the same computer model as the current evacuation zones. For more information, visit: http://www.honolulu.gov/dem.html and http://seagrant.soest.hawaii.edu/tsunami-research-and-preparedness.

Map by: MJG, UH Sea Grant
December 09, 2014

FARRINGTON HWY
Mokuleia Beach Park
Mokuleia Beach Park
Hoomana Place BROW
Makaleha Beach Park (undeveloped)
FARRINGTON HWY
CROZIER DR
MARINA AVE

1. TSUNAMI WARNING: Destructive waves from a tsunami may inundate all coastlines; evacuate red areas
2. EXTREME TSUNAMI WARNING: In the unlikely event of an extreme tsunami, waves may move significantly inland; evacuate red and yellow areas

Safe Zone: Evacuate to this area

Extreme Tsunami Evacuation Zone:
Evacuate out of these areas for an EXTREME TSUNAMI WARNING

Tsunami Evacuation Zone:
For any TSUNAMI WARNING evacuate out of these areas

0 0.125 0.25 0.5 0.75 1 Miles

Source: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

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