

Discuss Tsunami Awareness

Transportation Commission, Item 5B
September 25, 2019



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Background

- Low probability of impacting Alameda
- High risk of significant damage



Tsunamis in California

- 100 tsunamis since 1800
- 13 caused damage
- 5 caused human casualties
- 1964 tsunami from Alaska M9.2 killed 13 in CA
- 2011 tsunami from Japan resulted in 1 death in CA



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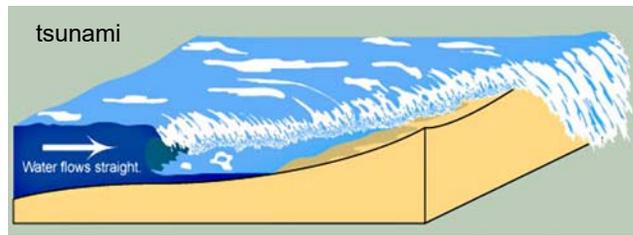
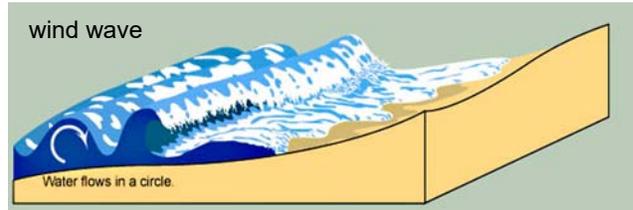
Tsunamis in CA: 2011 Santa Cruz



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Tsunami Description

- Rapid changes in water level and unpredictable dangerous currents
- Magnified in marinas
- Can inundate bay communities



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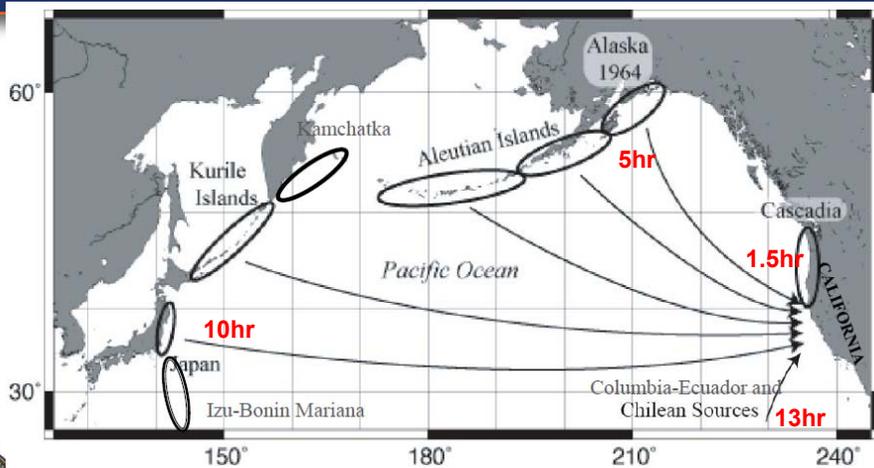
Tsunami Description (cont.)



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Tsunami Travel Time to Alameda

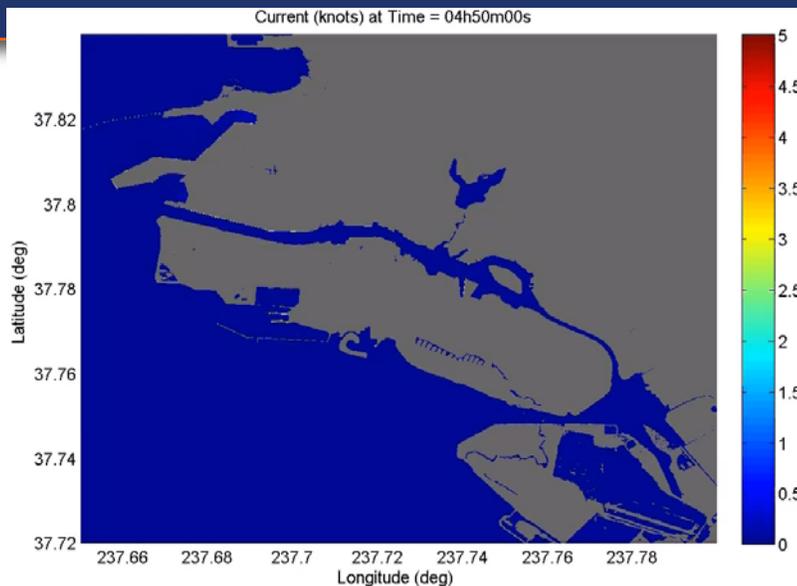


Tsunami travel time
To City of Alameda



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Tsunami Simulation in Alameda



Tsunami Information



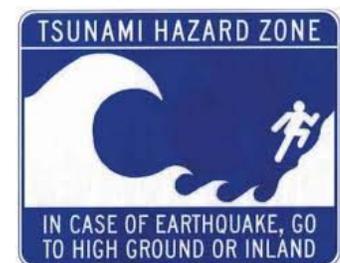
- AC Alert web page:
<https://www.acgov.org/emergencysite/>
- Fire Department web page:
<https://www.alamedaca.gov/Departments/Fire-Department/Disaster-Preparedness>
- Tsunami Presentation: Wed, Oct 30 at 6:30 p.m.
– City Council Chambers



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Tsunami Next Steps

- Installing tsunami signs
 - Entering/Exiting
 - Hazard Zone
 - Go to High Ground
- Ongoing outreach and coordination



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