



Hawaii Hazards Awareness & Resilience Program

Produced by
Hawaii State Civil Defense




HAWAII HAZARDS AWARENESS & RESILIENCE PROGRAM:

GOAL: To enhance community resilience to multiple hazards through a facilitated education and outreach program that promotes hazard understanding and awareness, and offers tools and information resources to guide mitigation, preparedness, response and recovery.



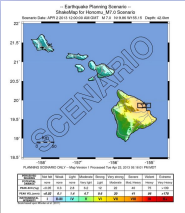
"This is an Exercise"

EARTHQUAKE EXERCISE SCENARIO




Scenario Background

- A M7.0 earthquake occurred at 7:00 am.
- The epicenter is located over the Big Island.
- USGS is reporting evidence of strong shaking in the vicinity of the epicenter. Significant damage is likely.
- PTWC reports that there is no tsunami threat.



Source: USGS

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Exercise Start

- Walls have collapsed and heavy damage is visible in numerous masonry buildings. Many post-and-pier homes have shifted off their foundations.
- Electric power is out and communication lines are spotty. Those lines that are open are overwhelmed with the sudden volume of calls as people check on loved ones.
- Roadways are blocked by rockslides and bridges are showing damage.

"This is an Exercise"




Source: HSCD - Kealahou Bay

Source: UH Hawaii Hilo


Source: NBC news

Source: HSCD - Kapaeha Church, Kapaeha



DISCUSSION

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Scenario Update 1:

- People are pinned by debris in a heavily damaged building.
- Blocked roadways and damaged bridges prevent emergency personnel from reaching damaged areas.
- Ceiling tiles and equipment litter the rooms and halls of the one accessible clinic.
- Power is still out and communications are limited.


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DISCUSSION

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Scenario Update 2:

- An aftershock of M5.5 has occurred.
- Damaged walls crumble from the aftershock, resulting in the collapse of several already damaged buildings
- One road has been cleared, but the bridge has failed.
- A water main has ruptured in the center of town and is flooding the main road and nearby structures.

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DISCUSSION

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END OF EXERCISE PLAY

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MAHALO

The Hawaii Hazards Awareness & Resilience Program (HHARP) is the result of a collaborative partnership between Hawaii State Civil Defense and the Pacific Disaster Center.

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