

Sent: Sun, 28 Oct 2012 06:07:24 -0400
From: "Brennan, John O." <john.o.brennan@who.eop.gov>
To: [REDACTED] "Mastromonaco, Alyssa"
<alyssa.m.mastromonaco@who.eop.gov>
Subject: Re: Tsunami Update

Initial reports suggest the first and second waves were approximately 1.5-1.9 feet. The third wave is approaching and a fourth is expected. So far, waves are on the low end of the predictions. No reports yet of tsunami-related significant damage or injuries.

P6/b(6)

The Pacific Tsunami Warning Center and media reports are stating that water levels are fluctuating in some locations around Hawaii:

Numerous reports from Hilo Bay on the Big Island stating boats are on the sand from receding water.

Tide gauge at Makapu'u, Oahu showed a rise of 1 foot then a drop of 3 feet.

Highest wave (crest to trough) reported so far was at Kahului, Maui harbor at about 5 feet (see image below).

Turtle Bay on the North Shore of Oahu, reports of 2-2.5 foot surges.

----- Original Message -----

From: Brennan, John O.
Sent: Sunday, October 28, 2012 04:29 AM
To: [REDACTED] Mastromonaco, Alyssa
Subject: Tsunami Update

Tsunami about to hit. This is current status on eve of landfall:

BLUF: Tsunami warnings are in effect for Hawaii as a result of a 7.7M earthquake 120 miles southwest of Prince Rupert, British Columbia. The first waves are expected to reach Hawaii 4:28 AM EDT ranging from 1.5 to 7 feet depending on coastal exposure, with the highest threat to Maui and the Big Island. Generally heights greater than 3 feet are the threshold for damage. Sirens have been sounded and evacuation orders are in effect on all Islands for designated inundation zones. There are no buoys in between the immediate West Coast of the US and Canada and Hawaii, so further information on tsunami wave activity will not be available until the waves arrive in Hawaii.

Event: At 11:04 PM EDT, on Saturday, October 2, USGS recorded a 7.7 magnitude earthquake that occurred 120 miles southwest of Prince Rupert, British Columbia, Canada (pop. 14,000) and 395 miles south-southeast of Juneau, Alaska. The earthquake occurred at a depth of 11.8 miles. Current Advisories from West Coast/ Alaska Tsunami Warning Center (WC/ATWC):

Tsunami warning for Hawaii

Tsunami Advisory for southern British Columbia and Gualala Point, California to the Douglas-Lane County Line, Oregon

Actions:

Governor has issued a statewide emergency proclamation.

The Hawaii EOC is activated; they have sounded their Tsunami Warning Sirens as a precaution. Evacuation orders are in effect on all Islands for designated inundation zones. Major traffic jams are on the island, in part, due to the number of people out for Halloween parties.

Hawaii State Civil Defense reports people are evacuating vertically/inland and are cooperating with law enforcement officials.

PACOM reports that for Oahu, Joint Base Pearl Harbor-Hickam has ordered all personnel at least

100 feet from the coast/water line. Updates from Marine Corps Base Kaneohe are pending. The National Guard Bureau reports that the Hawaii National Guard has recalled commanders to prepare for possible emergency response state wide.

There have been no requests for FEMA Assistance, FEMA Region IX is not activated.

Impacts:

Airports on Islands of Kauai and Hawaii are closed

A 0.7-foot wave was recorded at Langara Island, Canada, and buoy stations in Craig and Port Alexander, Alaska, recorded a 0.3-foot tsunami. No significant damage reported at this time.