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**Subject:** Tsunami Update

P6/b(6)

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.