



# Earthquakes

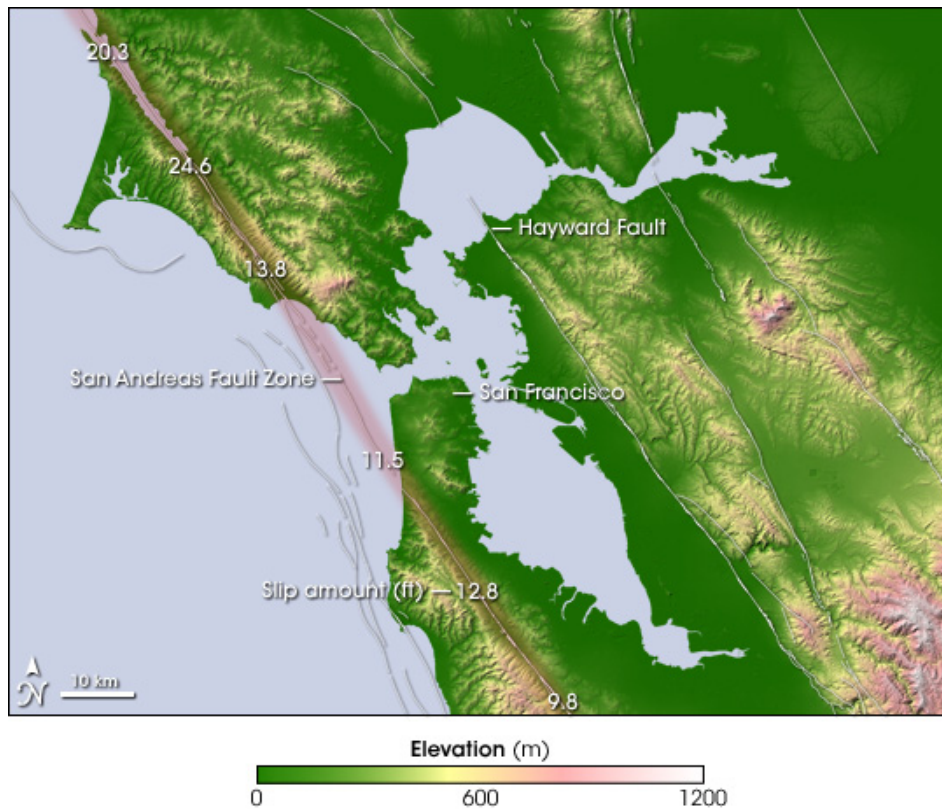


Image: The topography of major geologic faults including the San Andreas Fault in California. April, 2006. Taken by Jesse Allen, Earth Observatory. Released into public domain by the National Aeronautics and Space Agency.

Photo: Aftermath of September 4th Earthquake in Christchurch, NZ. September, 2010. ©2010 by Martin Luff. Some rights reserved [CC-BY-SA-2.0 ([www.creativecommons.org/licenses/by-sa/2.0](http://www.creativecommons.org/licenses/by-sa/2.0))].



# Earthquake

(earth·quake)



Photo: The "faille des Causses", a geological fault in the Grands Causses, as seen from Bédarieux (Hérault, France). August, 2007. ©2007 by Xhienne in en:wikimedia. Some rights reserved <http://creativecommons.org/licenses/by-sa/3.0/deed.en>.

Photo: A roadway is cut in half by the force from the Loma Prieta earthquake. San Francisco, CA, October, 1989. This image is from the FEMA Photo Library. Released into public domain by the Federal Emergency Management Agency.



# Harbor

(harbor)

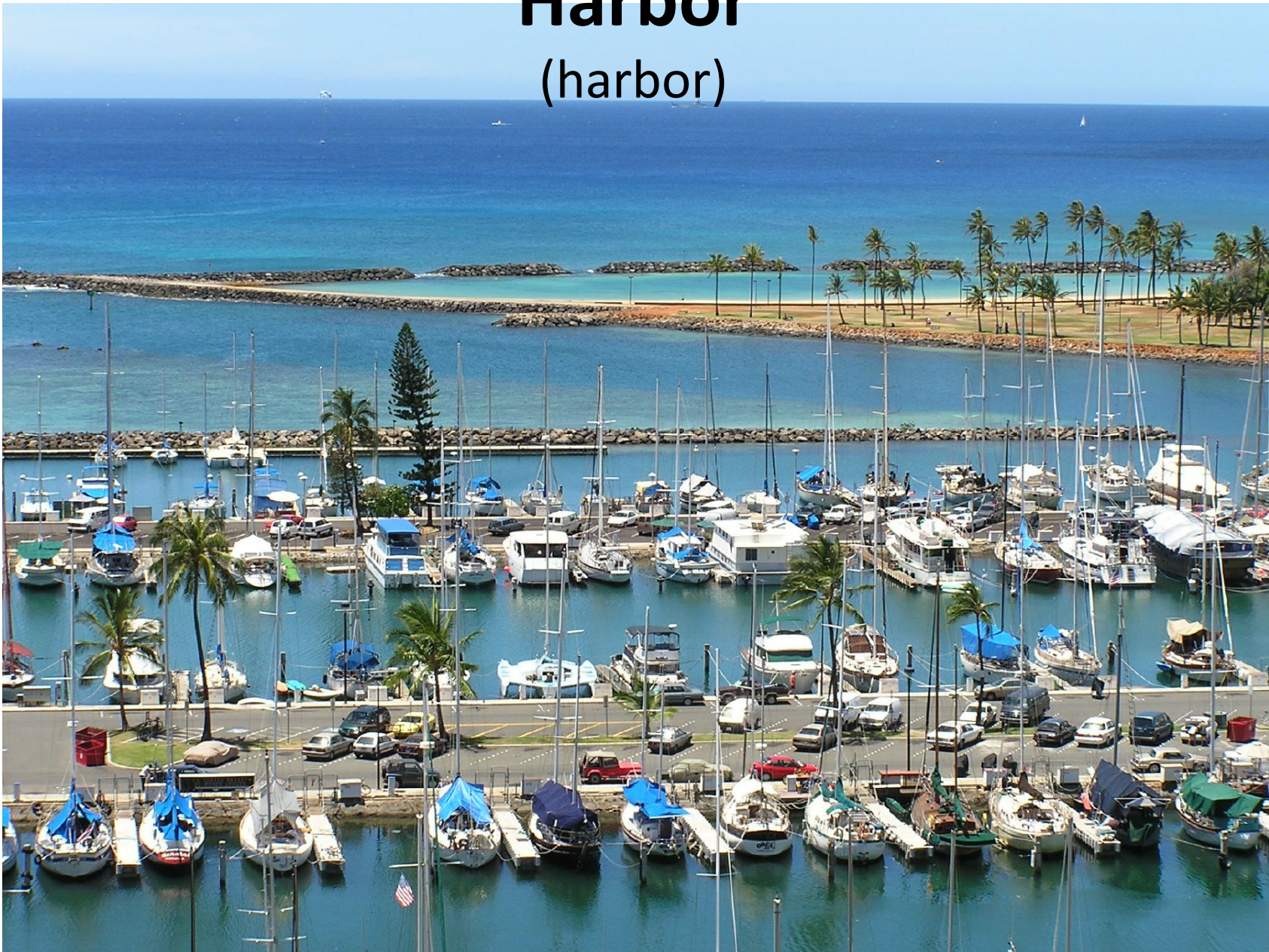


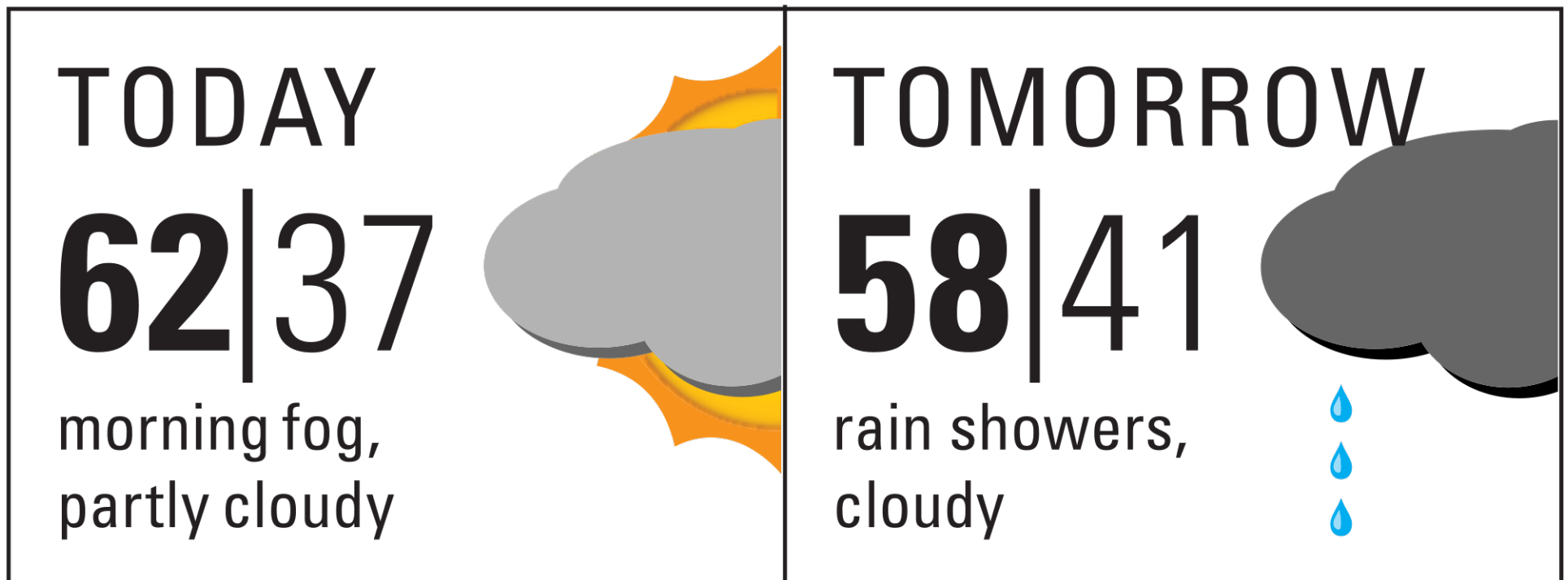
Photo: The harbor outside the Hawaii Prince Hotel in Honolulu, Hawaii. August, 2003. ©2003 by Shawn Lea. Some rights reserved <http://creativecommons.org/licenses/by/2.0/deed.en>.

# Predict

(pre·dict)

Definition: to declare or tell in advance; prophesy; foretell

Example: The clouds look dark and heavy, I *predict* it will rain tomorrow.





# Richter Scale

## (Rich·ter Scale)

A scale that shows how strong an earthquake is with 1 being very weak and 10 being the strongest.

Example: The Loma Prieta earthquake in 1989 was 7.1 on the *Richter Scale*.

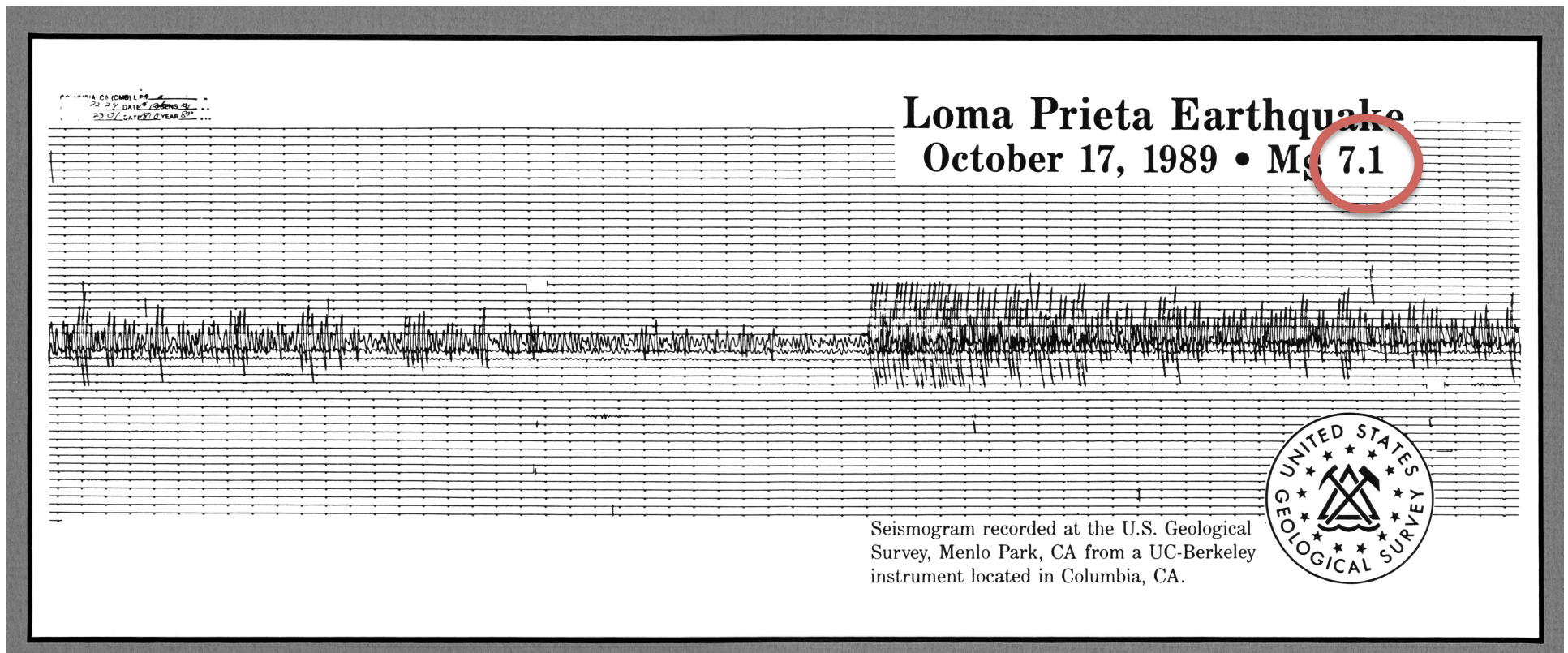


Image: This USGS print was recorded on a UC-Berkeley instrument located in Columbia, California and reflects the Loma Prieta Earthquake Seismic recording back in 1989. Released into public domain by the United States Geological Survey.



# Safety

(safe·ty)

Definition: the state of being safe; freedom from the occurrence or risk of injury, danger, or loss.

Example: The coast guard took many people to *safety* when the storm flooded their home.



Photo: A woman is rescued from her apartment during a search and rescue (SAR) flight in New Orleans. Taken by U.S. Coast Guard Petty Officer 2nd Class Nyxolyno Cangemi. New Orleans, LA. August, 2005. Released into public domain by the United States Coast Guard.



# Scientists

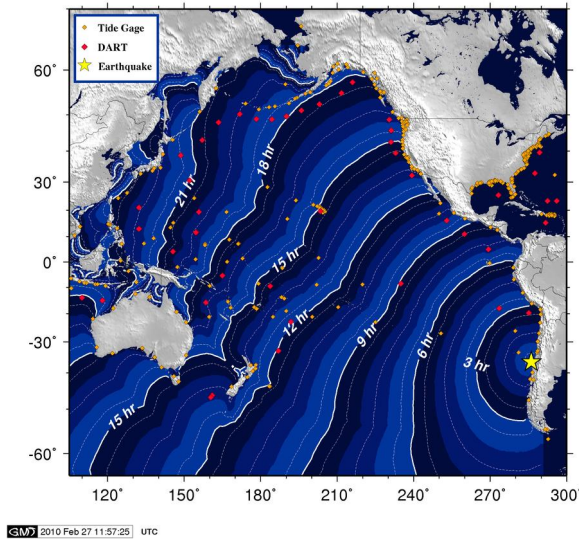
(scientists)



Photo: Sampling gases at a fumarole on top of Mount Baker, Washington. 1981. Released into public domain by United States Geological Survey.



Tsunami Travel Times



# Tsunami

(tsu·na·mi)

Definition: an unusually large sea wave produced by a seaquake or undersea volcanic eruption.

Example: *Tsunamis* are particularly deadly because they can be caused by earthquakes far from land and thus people do not know that there are deadly waves heading for land.



Image: Travel time projection of the 2010 Chile earthquake tsunami. February, 2010. Released into public domain by the National Oceanic and Atmospheric Agency.  
Photo: The 2004 tsunami in Thailand. Ao Nang, Krabi Province, Thailand. December, 2004. Released into public domain by David Rydevik.



# Underwater

(under·water)



Photo: Diver working with a digital underwater camera. Panama City, FL. February, 2005. Taken by Photographer's Mate Andy McKaskle. Released into public domain by the United States Navy.



# Vibrations

(vi·bra·tions)

Definition: A continuous slight shaking movement.

Example: When the bee touched the water, it sent *vibrations* through the water.

