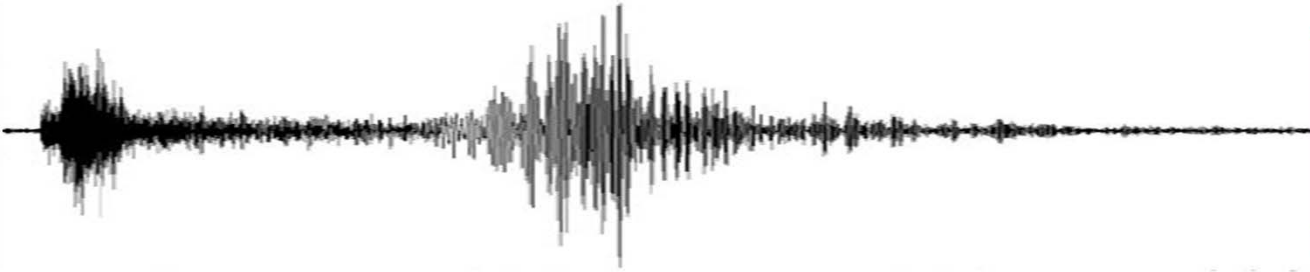
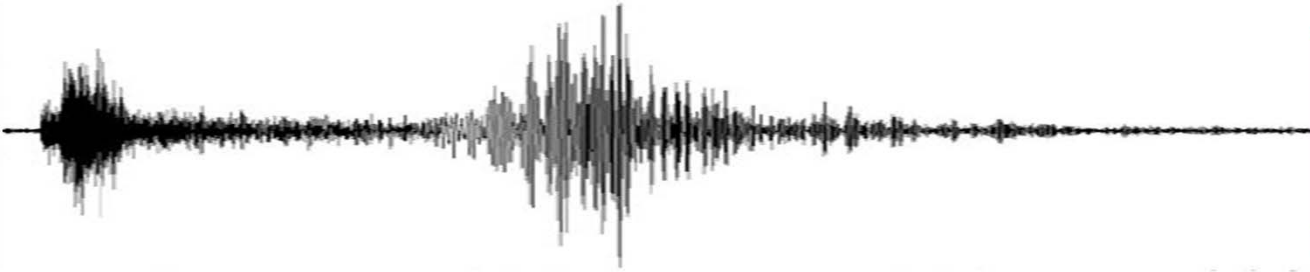


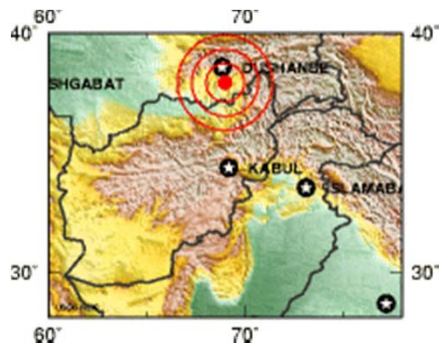
The Great ShakeOut



TODAY AT 10:21
Please
DROP
COVER
And HOLD ON
As part of a state-wide drill

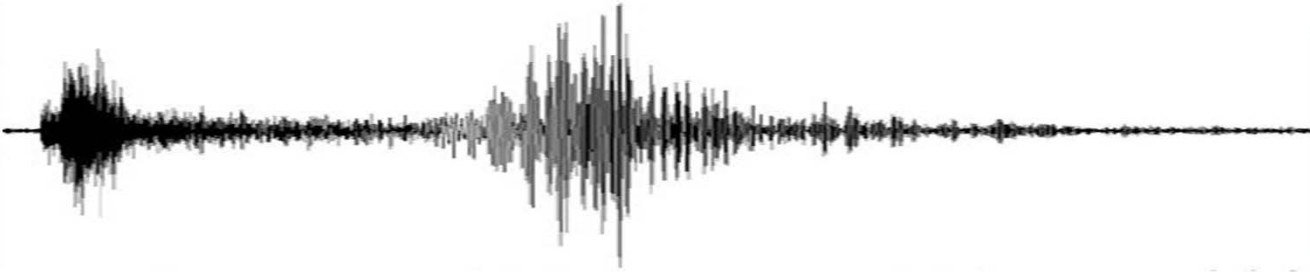


TODAY IN EARTHQUAKE HISTORY – OCTOBER 21

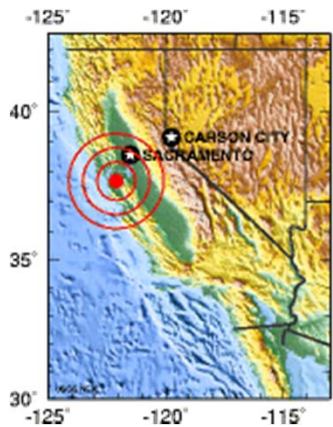


M8.0 - Russia, 1907

12,000 deaths. One of the world's deadliest earthquakes. Two earthquakes destroyed Qaratog and many mountain villages in the Gissar and Denau areas of Tajikistan and Uzbekistan.

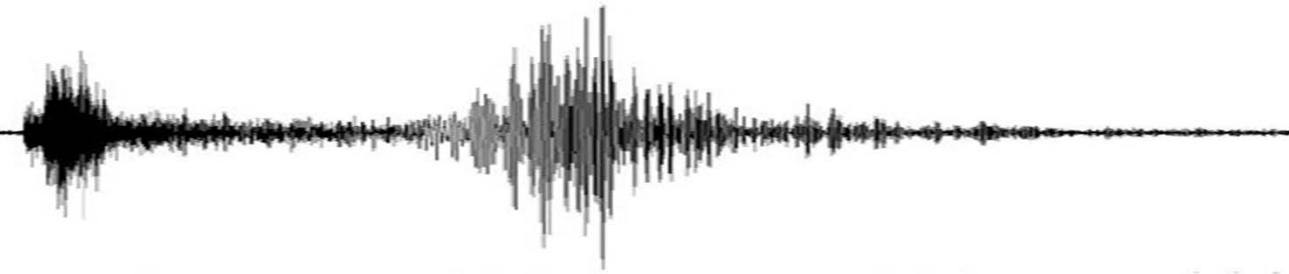


TODAY IN EARTHQUAKE HISTORY – OCTOBER 21



M6.8 - United States, 1868

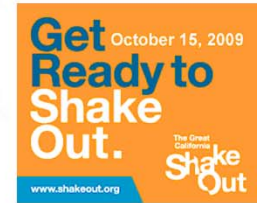
At 7:53 AM local time, the destructive waves from an earthquake on the southern end of the Hayward Fault, quickly traveled across the San Francisco Bay Area and beyond. Because of its location in the heart of the Bay Area, then having a total population of about 260,000 (Federal Census records), and its magnitude, variously estimated as between 6.8 and 7.0, this earthquake was one of the most destructive in California history. Property loss was extensive and 30 people were killed. This earthquake was known as the "great San Francisco earthquake" until the magnitude 7.8 shock on 18 April 1906. The average amount of horizontal movement along the fault is inferred to be about 6 feet (1.9 meters). October 21, 1868 Hayward Fault Earthquake



INTERSTING EARTHQUAKE FACTS

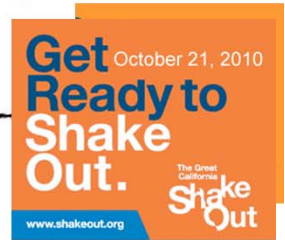
The following slides have some interesting earthquake facts, along with some points to ponder about your own preparedness.

Remember NOW is the time to plan and be prepared.



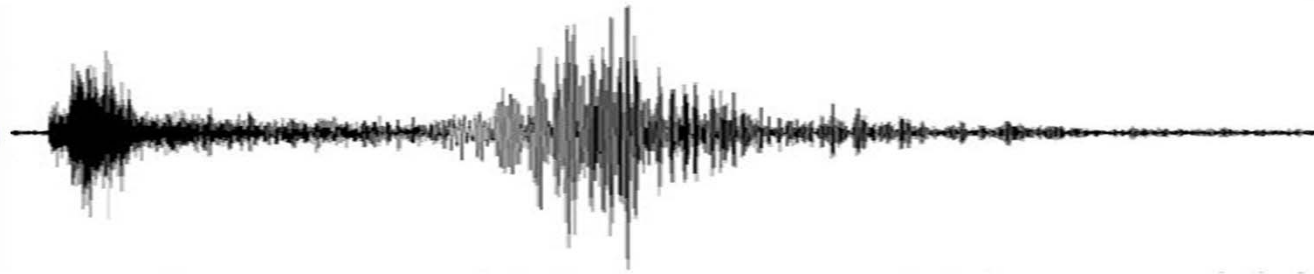
Each year the **southern California area has about 10,000 earthquakes**. Most of them are so small that they are not felt. Only several hundred are greater than magnitude 3.0, and only about 15-20 are greater than magnitude 4.0. If there is a large earthquake, however, the aftershock sequence will produce many more earthquakes of all magnitudes for many months.

Do you have a family plan?
Emergency contact phone list?
Evacuation routes?



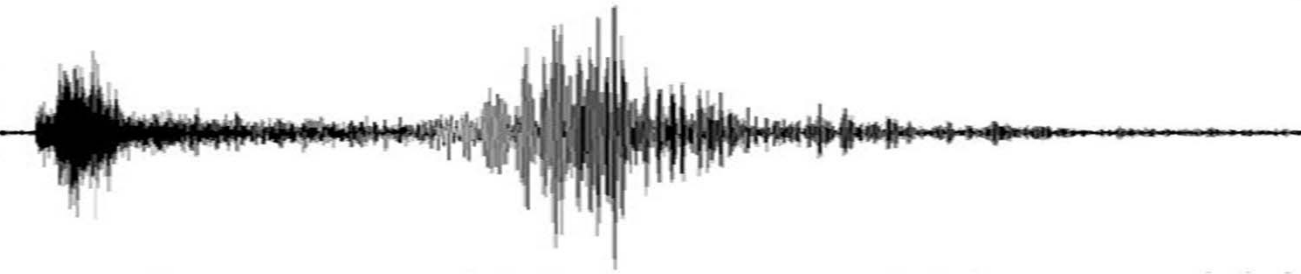
The **average rate of motion across the San Andreas Fault Zone** during the past 3 million years is 56 mm/yr (2 in/yr). This is about the same rate at which your fingernails grow. Assuming this rate continues, scientists project that Los Angeles and San Francisco will be adjacent to one another in approximately 15 million years.

You don't need to have food for 15 million years – but you should have emergency food for your family, enough for at least 3 day....but 7 days is recommended.



It is thought that more damage was done by the resulting fire after the **1906 San Francisco earthquake** than by the earthquake itself.

Do you have a fire extinguisher in your emergency kit?



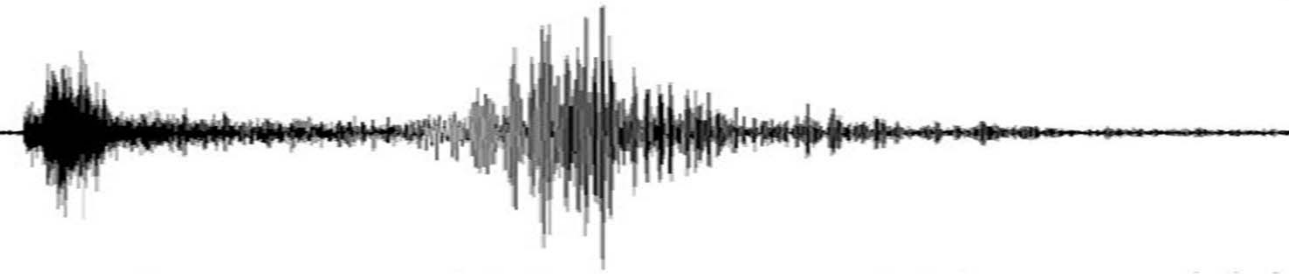
A **seiche** (pronounced SAYSH) is what happens in the swimming pools of Californians during and after an earthquake. It is “an internal wave oscillating in a body of water,” in other words, it is the sloshing of the water in swimming pools, or any body of water, caused by the ground shaking.

Do you have enough emergency water for your entire family? Have AT LEAST 3 days of water. 7 days of water is recommended: 3 gallons per day/per person. Remember that pools can leak or become contaminated by soil if they crack.



Each year the **southern California area has about 10,000 earthquakes**. Most of them are so small that they are not felt. Only several hundred are greater than magnitude 3.0, and only about 15-20 are greater than magnitude 4.0. If there is a large earthquake, however, the aftershock sequence will produce many more earthquakes of all magnitudes for many months.

Remember in a major disaster – TEXTING is the best option. Stay off the phone!



The **world's deadliest recorded earthquake** occurred in 1556 in central China. It struck a region where most people lived in caves carved from soft rock. These dwellings collapsed during the earthquake, killing an estimated 830,000 people. In 1976 another deadly earthquake struck in Tangshan, China, where more than 250,000 people were killed.

In California, you are more likely to be injured or killed in an earthquake from flying or falling objects, than from a building collapsing. Have you secured items in your home and work place? Secure large items like bookcases and cabinets with nylon straps and small items with secure/earthquake putty (both available at hardware stores).

TIPS FOR EMERGENCY PREP ON A BUDGET

- 1 Plan** for the types of disasters that can happen in the area where you live. (Did you know that California has been experiencing more tornadoes in recent years? One went right through Moreno Valley College annex sites).
- 2 Create** your own personalized list. You may not need everything included in “ready made” kits and there may be additional items you need based on your personal situation. For example, if you have pets, you may need special items. Don’t forget to have supplies in your car and at work.
- 3 Budget** emergency preparedness items as a “normal” expense. Even \$20.00 a month can go a long way to helping you be ready. Buy one preparedness item each time you go to the grocery store.

EMERGENCY PREP ON A BUDGET

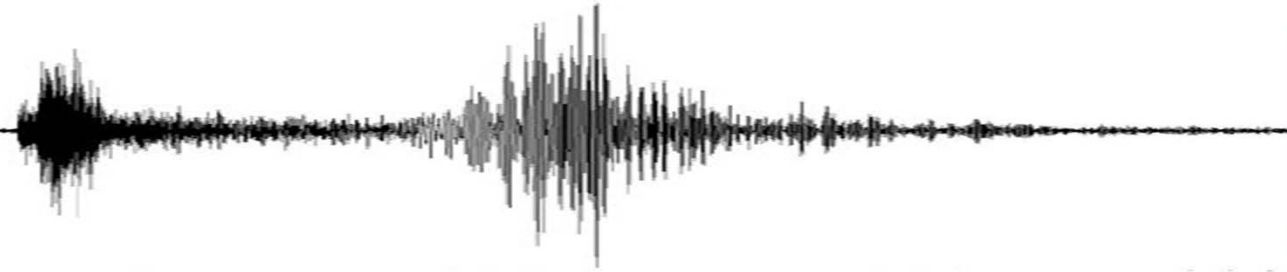
- 4 Save** by shopping sales. Make use of coupons and shop at stores with used goods. Don't replace your ready kit items annually, just replace and cycle through those items that have a shelf life (e.g., batteries, food). You may want to test the radio and flashlight every September to make sure they are in good working order.
- 5 Store** water in safe containers. You don't have to buy more expensive bottled water, but make sure any containers you use for water storage are safe and disinfected.

EMERGENCY PREP ON A BUDGET

- 6 Request** preparedness items as gifts. We all receive gifts we don't need or use. What if your friends and family members gave you gifts that could save your life? Don't forget to protect them by sending preparedness gifts their way, too.
- 7 Think** ahead. You are more likely to save money if you can take your time with focused and strategic shopping. It's when everyone is at the store right before a storm hits that prices are going to be higher. Use a list to avoid duplicating items when you are stressed or panicked.
- 8 Review** your insurance policy annually and make necessary changes. When a disaster strikes, you want to know that your coverage will help you get back on your feet. Renters need policies too, in order to cover personal property.

EMERGENCY PREP ON A BUDGET

- 9 Update contact records.** Have an accurate phone list of emergency contact numbers. If you are prepared, you may be able to help friends and neighbors who need assistance. By sharing preparedness supplies, you can help each other.
- 10 Trade one night** out to fund your 72-hour kit. Taking a family of four to the movies can cost upwards of \$80-\$100. Just one night of sacrifice could fund a 72-hour ready kit.



EARTHQUAKE PREPAREDNESS

For Resources on how to put together a family plan, how to assemble emergency kits and other emergency information visit RCCD's Emergency Preparedness Website

<http://www.rcc.edu/administration/emergencyPreparedness>