

Ground Shaking News: Earthquake Preparedness

Did you know?

- ⇒ The largest earthquake in California occurred in Fort Tejon, CA on January 9, 1857 and had a magnitude of approximately 8.0
- ⇒ The last notable earthquake (greater than 5.1) felt in Anaheim was an earthquake with an epicenter in Brea in 2014

What you need to know about Earthquakes*:

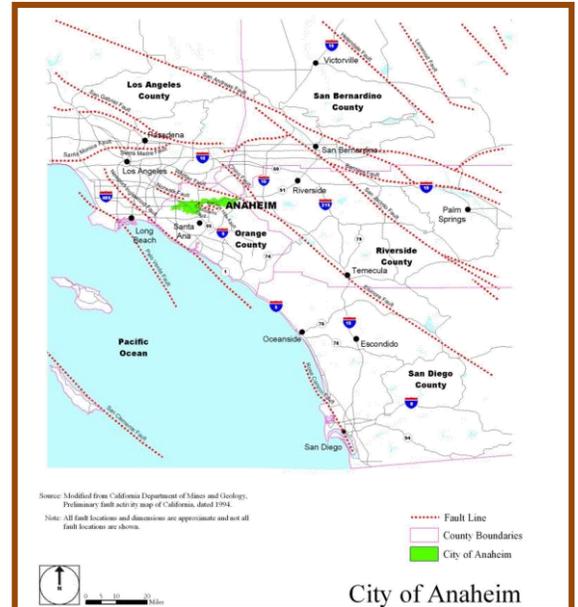
- ⇒ Most earthquakes **usually** last less than one minute
- ⇒ They are unpredictable
- ⇒ Shallow crevasses can form during earthquake – induced landslide, lateral spreads or other types of ground failures
- ⇒ Despite many myths, California will not fall into the ocean based upon the way the Pacific Plate and North American Plate are moving
 - However, one day Los Angeles and San Francisco will be adjacent to each other!
- ⇒ It would take 32 magnitude 5 earthquakes, 1000 magnitude 4's, 32,000 magnitude 3's to equal the energy of **one** magnitude 6 earthquake

How to Prepare**:

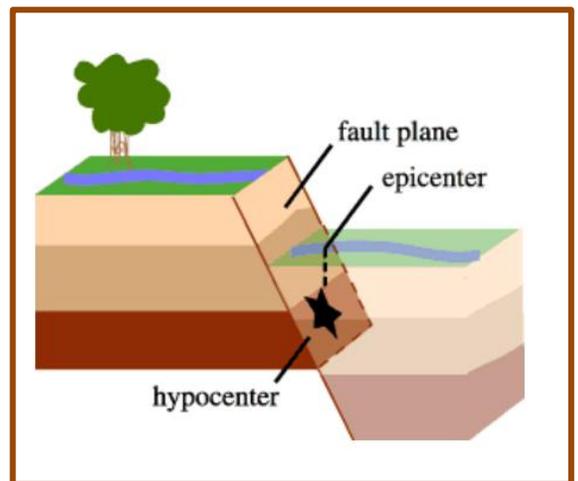
- ⇒ Create a Family Emergency Plan and practice the plan
- ⇒ Compile a "go kit" for your home, car and workplace
- ⇒ Practice how to **Drop, Cover and Hold On!** in the event of an earthquake
- ⇒ Secure items that could fall and cause injuries (e.g. bookshelves, mirrors, light fixtures)
- ⇒ Store critical supplies (e.g. water and medication) and documents
- ⇒ Planning to move? Check if the building is earthquake resistant per local building codes
- ⇒ Become a member of your local CERT (Community Emergency Response Team) to better assist yourself, your family and your neighborhood in the event of a disaster

After an Earthquake

- ⇒ If you have a cell phone, call or text your out of state contact to let them know you are okay
- ⇒ Turn on your portable radio for instructions and news reports
- ⇒ Be prepared for aftershocks, stay calm and help others



Pictured above: Active Faults within Southern California, Orange County and the City of Anaheim



Pictured above: The science of an earthquake, USGS

*For additional information on earthquake myths visit <http://www2.usgs.gov/faq/taxonomy/term/9830>

**This is not an exclusive list of preparedness measures, for more information on how to prepare, go to www.ready.gov