

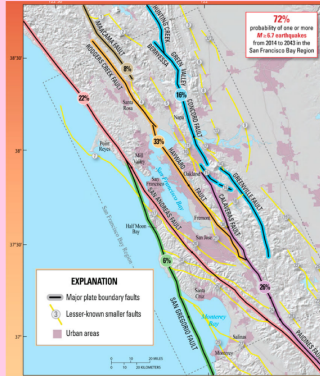
An Earthquake is Coming to the Bay Area!

Are You Ready?

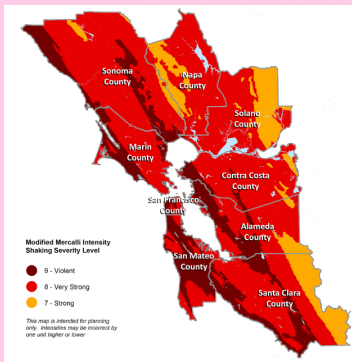
Risks:
Over the next 30 years, there is a greater than 99% probability that California will experience at least one magnitude 6.7 or larger earthquake. In the San Francisco Bay Area, the probability is 72% (Hess 440).

Hazards:
Intense shaking, numerous landslides, thousands of collapsed and severely damaged buildings, fires, impassable roads and highways, failed electrical, gas, communication, water and sewer systems, and bridge collapse (Jones 4-7)

Major Faults



Shaking Intensity



Before an Earthquake:

1. Secure items that hang on walls. Store heavy/breakable objects on low shelves.
2. Create a family emergency communications plan that has an out-of-state contact and designate a place to meet if separated.
3. Make a supply kit with food and water that will last for three days, a flashlight, fire extinguisher and vehicle.
4. Keep extra batteries/portable charging devices for phones/other necessary equipment.
5. Consider buying earthquake insurance.



During an Earthquake:

1. If in a vehicle, pull over in a safe area.
2. If in bed, stay there.
3. If outdoors, stay outdoors.
4. Do not get in a doorway.
5. Do not run outside.
6. Drop, Cover, Then Hold On.



After an Earthquake:

1. Expect aftershocks after shaking has stopped.
2. Check yourself for injury and provide assistance to others if you have training.
3. Go outside and quickly move away from the building if it is damaged.
4. Do not enter damaged buildings.
5. If you are in an area that experiences tremors, go inland or to higher ground.
6. Save phone calls for emergencies.
7. Monitor local news reports via battery-operated radio, TV, social media and cell phone text alerts for emergency information and instructions.



Hess, Darrell, McKnight's Physical Geography - A Landscape Approach, 12th Edition, Pearson, Hoboken, New Jersey, 2012.
Jones, Lucy, The Big Ones, Doubleday, New York, 2018
www.ready.gov/earthquakes, accessed November 22, 2018