

An American flag graphic is located in the top-left corner of the slide, showing the stars and stripes. The slide has a white background with a dark blue border and rounded corners.

An Earthquake Is . . .

A sudden slipping or movement of a portion of the Earth's crust, caused by a sudden release of stresses, usually less than 25 miles below the surface.

Damage Caused by Earthquakes

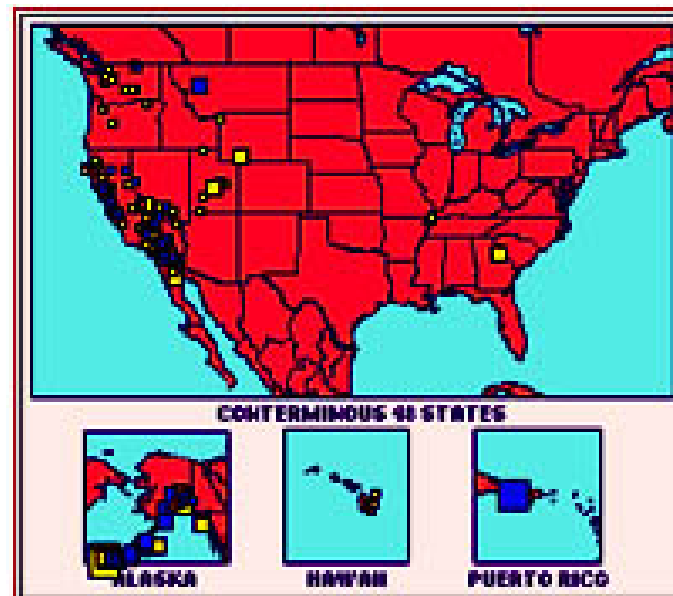
- ◆ Collapsed buildings
- ◆ Damage to utilities, structures, and roads
- ◆ Fires and explosions
- ◆ Structural instability



Likelihood of an Earthquake

The greatest likelihood of a major earthquake is in:

- ◆ The Western United States.
- ◆ The New Madrid Fault Zone in Missouri.
- ◆ A few pockets on the east coast.



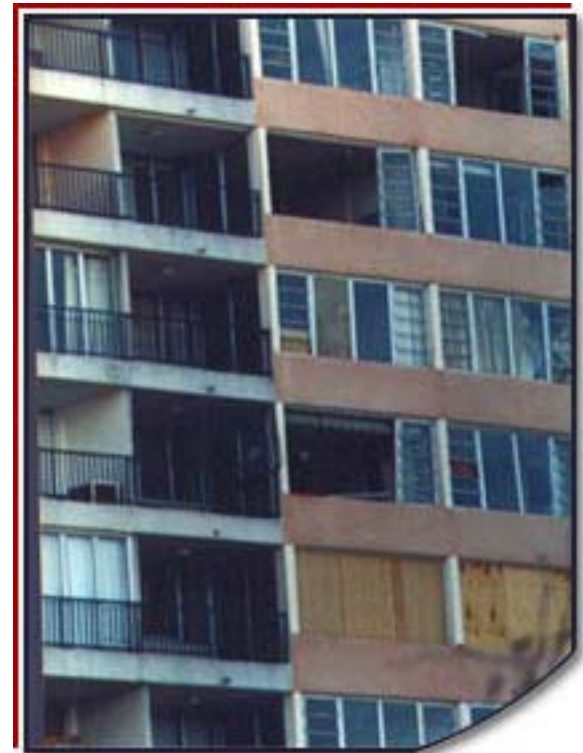


Earthquake Statistics

- ◆ 15% of the population lives in zones of potential major disaster.
- ◆ Residents of California face the highest risk.
- ◆ Four million people along the New Madrid Fault Zone are at great risk.
- ◆ Residents of Massachusetts, North Carolina, and South Carolina are also at risk.

Richter Scale

- ◆ Small: 5.0 to 5.9
- ◆ Moderate: 6.0 to 6.9
- ◆ Major: 7.0 to 7.9
- ◆ Great: 8.0 or greater





Earthquake Preparedness

- ◆ Develop a home earthquake plan.
- ◆ Conduct earthquake drills.
- ◆ Develop a plan for reuniting family members.
- ◆ Identify an out-of-state family contact.
- ◆ Keep supplies on hand.

Earthquake Preparedness

- ◆ Store heavy and breakable objects on low shelves.
- ◆ Secure bookshelves and water heaters.
- ◆ Install flexible pipe.
- ◆ Move beds away from windows.
- ◆ Move or secure hanging objects over beds, sofas, or chairs.
- ◆ Keep shoes and a flashlight under the bed.



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During an Earthquake

- ◆ Drop, cover, and hold.
- ◆ If indoors, stay there!
- ◆ If outdoors, find a spot away from buildings, trees, streetlights and power lines, and overpasses.
- ◆ If in a vehicle, drive to a clear spot and stop.

After an Earthquake

- ◆ Extinguish small fires.
- ◆ Clean up spills.
- ◆ Inspect home for damage.
- ◆ Help neighbors.
- ◆ Tune to Emergency Alert System (EAS).
- ◆ Expect aftershocks.

