



AZ SHAKES

Earthquake outreach program of the
Geologic Extension Service, Arizona
Geologic Survey.

Arizona's Earth Science Agency

*Funding provided by National Earth-
quake Hazard Reduction Program
(NEHRP) Agencies*



Select Online Resources

Arizona

AZ Shakes

www.azgs.az.gov/az-shakes

Arizona Earthquake Information Center

www4.nau.edu/geology/aeic/aeic.html

California

Southern California Seismic Network

www.scsn.org

Southern California Earthquake Center

www.scec.org

Regional | National | Global

US Geological Survey

earthquake.usgs.gov

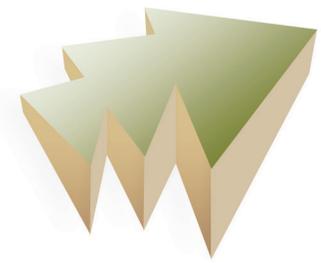
Incorporated Research Institutions for Seismology

www.iris.washington.edu/hq/

Educational

Digital Library of Earth Sciences

<http://www.dlese.org>



AZ SHAKES

**Seismic Hazard Awareness,
Knowledge, and Education**

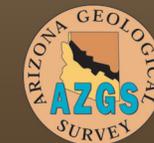
**What you should know about
earthquakes and how to
prepare for them.**



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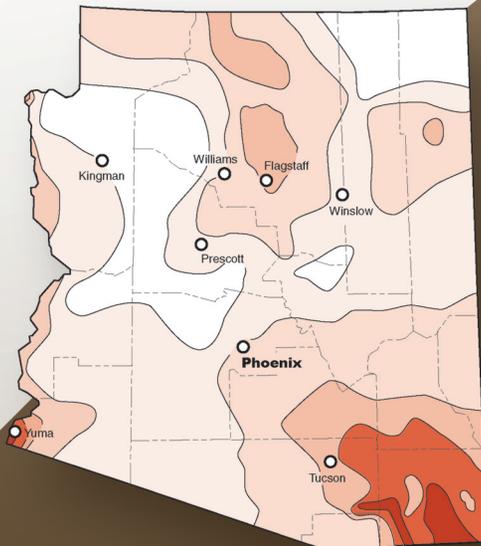


azgs.az.gov/az-shakes

Large Earthquakes can Impact Arizona

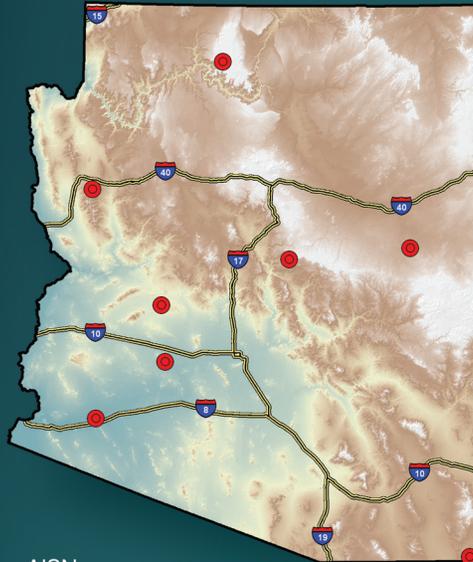
It is rare but large earthquakes can impact Arizona; as recently as April 4, 2010, a magnitude 7.2 earthquake rattled southwestern and south-central Arizona.

Arizona has active faults that occasionally produce earthquakes. What's more, a large magnitude event originating in southern California, northern Mexico, or southern Nevada or Utah could result in damage or injury in Arizona.



Shaking intensity map (from earthquake records 1887 to 1999).

Towards a State-wide Monitoring & Mitigation Program



 AISN Seismometer Locations

Monitoring earthquake activity is an essential ingredient of our mitigation program.

In 2009, working with geoscientists at Arizona's three public universities, we deployed the Arizona Integrated Seismic Network (AISN). This network should provide invaluable data on the seismic activity in Arizona and neighboring states.

Learn more about our earthquake monitoring program at:

azgs.az.gov/az-shakes

How to Prepare for Earthquakes

Before an Earthquake

- Secure heavy cabinets & furniture.
- Have emergency supplies handy, such as water, flashlight, cell phone, and radio.
- Get a plan; where & when to meet.
- Identify safe places in your home.

During an Earthquake

- When inside: get under a sturdy piece of furniture.
- When outside: get into the open.
- When in a car: pull over but stay in the car; avoid parking on/under bridges, near trees, or near lightposts.
- Avoid open flames, including candles & matches.

After an Earthquake

- Check your home for fire hazards.
- Use the phone only for emergencies.
- Be prepared for aftershocks.
- Stay out of partially collapsed or damaged buildings.
- Avoid exposed electrical wiring.

Learn more about earthquake preparedness at: