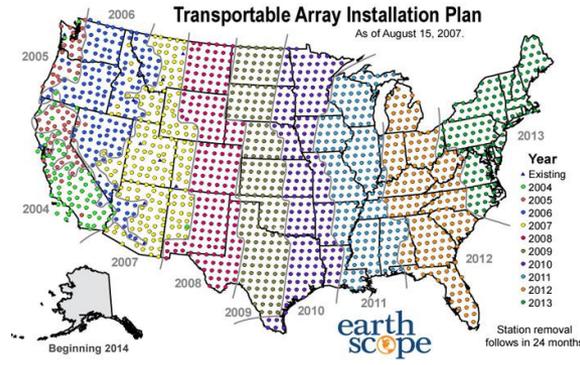
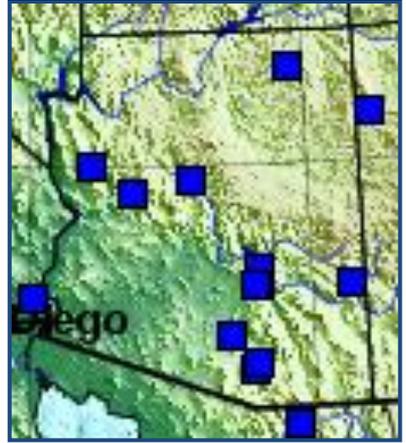


What is the earthquake risk in Arizona?

Arizona, like its neighbors to the north, south, west, and east, is riddled with active fault systems capable of generating earthquakes. Due to a variety of factors, the **seismic risk in Arizona is thought to be underestimated**. To accurately assess the risk from earthquakes, we need to build an integrated, statewide network of seismometers.



TA station locations. Arizona's stations were installed in 2006-07. Image courtesy IRIS.



Earthquakes in or near Arizona during a two-week span in Jan. 2008. Image modified from IRIS.

For more information or to adopt a station, contact
mimi.diaz@azgs.gov
 (602) 708-8253



How you can help:

Adopt, and encourage others to adopt, the TA stations so that we can acquire and maintain the them for the ten-year duration of the project, which is a once in a lifetime opportunity.



TA seismic station in Arizona. Photo courtesy IRIS.

Why acquire TA stations now?

Once the stations leave Arizona, we will NEVER get them back, and no single state has the resources to replicate the array. The stations will allow us to better define earthquake hazards in Arizona, improve understanding of where active faults are, and increase capability of delineating seismic hazard.

TASA is a coalition of:
 Arizona Geological Survey
 Arizona State University
 Northern Arizona University
 University of Arizona

What are transportable array (TA) seismic stations?

TA seismic stations are seismometers that measure and record earthquakes and the information that seismic waves carry with them. The TA stations are on a 2-year rolling deployment, from west to east, across the US. The first stations are scheduled to be removed from Arizona in October 2008.

Who will benefit from the program?

We all will! The more we learn about faults and earthquakes, the better prepared we will be to mitigate their impact (reduce loss of life and damage to property and infrastructure) on present and future generations in Arizona. Additionally, sponsors will be provided with seismic data, recognition on the TASA website and (should they desire) seismograms from notable earthquakes. Donations are **tax deductible!**