



Earthquake Hazards Program

Quaternary Fault and Fold Database of the United States

Fault data updated 3 November 2010. If you use Google Earth or shapefiles, please download new files. Updates include relocation of faults in Idaho and Montana and correction of missing or incorrect attributes in the shapefiles.

[Google Earth files](#)

[GIS Shapefiles](#)

This website contains information on faults and associated folds in the United States that are believed to be **sources of M>6 earthquakes during the Quaternary (the past 1,600,000 years)**. Maps of these geologic structures are linked to detailed descriptions and references. Read our [Factsheet](#) for more information.

NOTE: This database is the source for faults used in the [National Seismic Hazard Maps](#). The spatial representation of the faults in the hazard maps was simplified and critical fault parameters were assigned to produce the maps. To see the version of the faults used in the maps, go to the [fault parameters](#) section of the Hazard Maps website.

[When using this data, please provide proper acknowledgement.](#)



San Andreas fault zone, Carrizo Plains, central California. Photo by R.E. Wallace, USGS