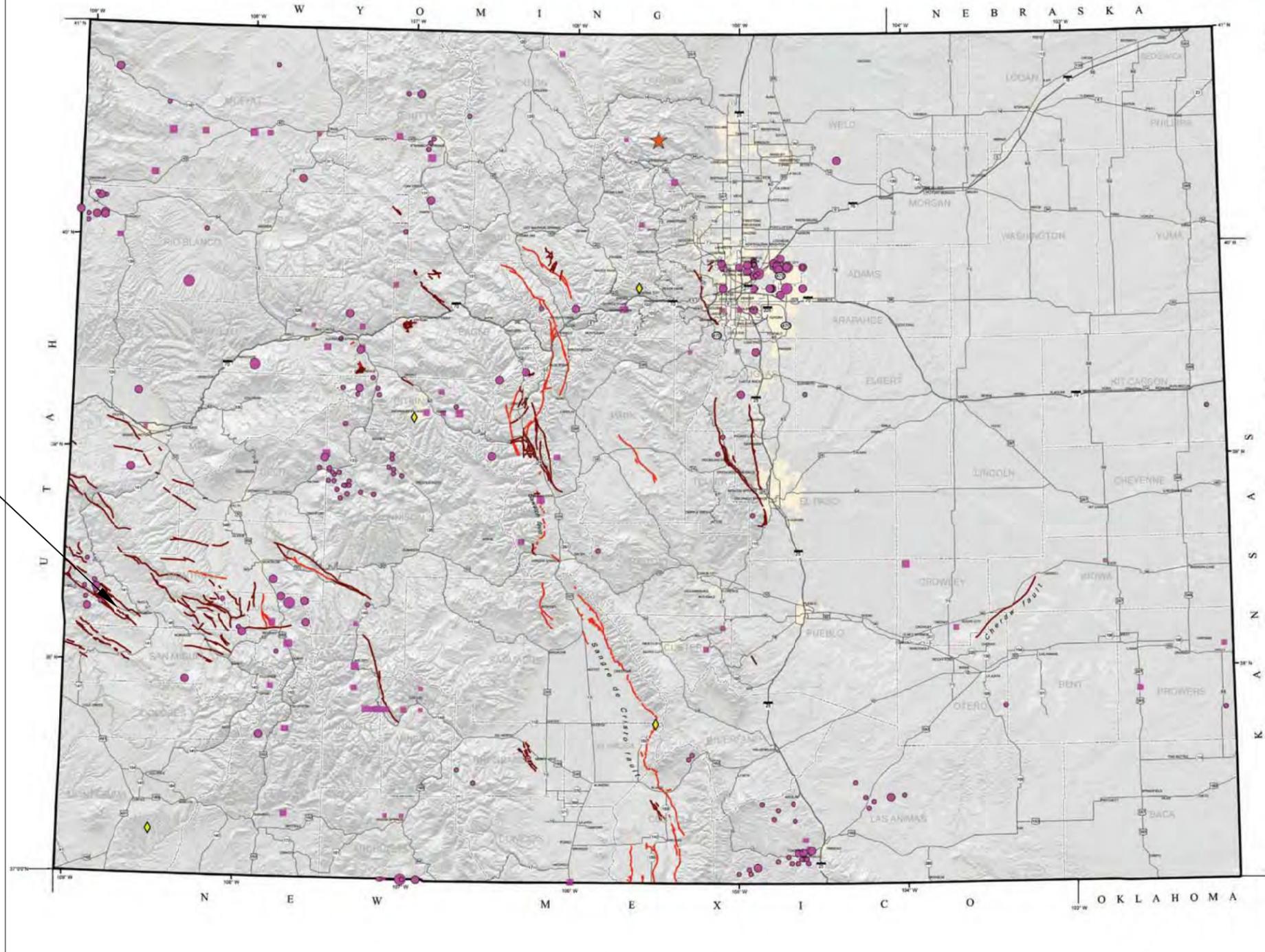


Colorado's Earthquake and Fault Map

Showing Locations of Historical Earthquakes and Known or Suspected Geologically Young Faults



EARTHQUAKE EPICENTERS
Instrumentally located epicenters (~1962 to 2007)
Size of dot indicates magnitude.

- 5-5.5
- 4-4.9
- 3-3.9

Approximate location of pre-instrumental earthquake epicenters (~1867 to 1961). Square size indicates the maximum Modified Mercalli intensity for the earthquake (see back of map for intensity scale).

- VII
- VI
- V
- IV
- I-III

★ 1882 Earthquake; magnitude estimated at 6.6 +/- 0.6 (Spence and others, 1996)

QUATERNARY FAULTS

Geologically young faults that displace sediments or rocks deposited during the Quaternary Period (approximately past 2 million years).

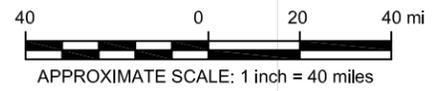
- Known or suspected fault with displacement of late Quaternary deposits (approximately past 130,000 years)
- Known or suspected fault with displacement of middle to early Quaternary deposits (approximately past 130,000 to 2 million years old)

◆ Permanent Seismic Stations—
Includes four seismographs currently operated by the U.S. Geological Survey as part of the Advanced National Seismic System.

■ Cities and Towns

DATA SOURCES

Earthquake epicenters:
U.S. Geological Survey; Colorado Geological Survey; Kirkham and others, 2004; Kirkham and Rogers, 2000
Faults: Colorado Geological Survey; Widmann and others, 1998
Seismic Stations:
U.S. Geological Survey



Map Compilation by Matthew L. Morgan, Colorado Geological Survey, 2006-2007

SITE LOCATION

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COLORADO'S EARTHQUAKE AND FAULT MAP



PIÑON RIDGE PROJECT
MONTROSE COUNTY, COLORADO

44 Union Blvd., Suite 600
Lakewood, CO 80228
PH. 303.974.2140

8300 JEFFERSON NE, SUITE B
ALBUQUERQUE, NM
PH. 505.344.7373

www.kleinfelder.com

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APPROVED BY:	AK
DRAWN BY:	PD
CHECKED BY:	RM
DATE:	FEB 2009
SCALE:	AS SHOWN
FIGURE	12