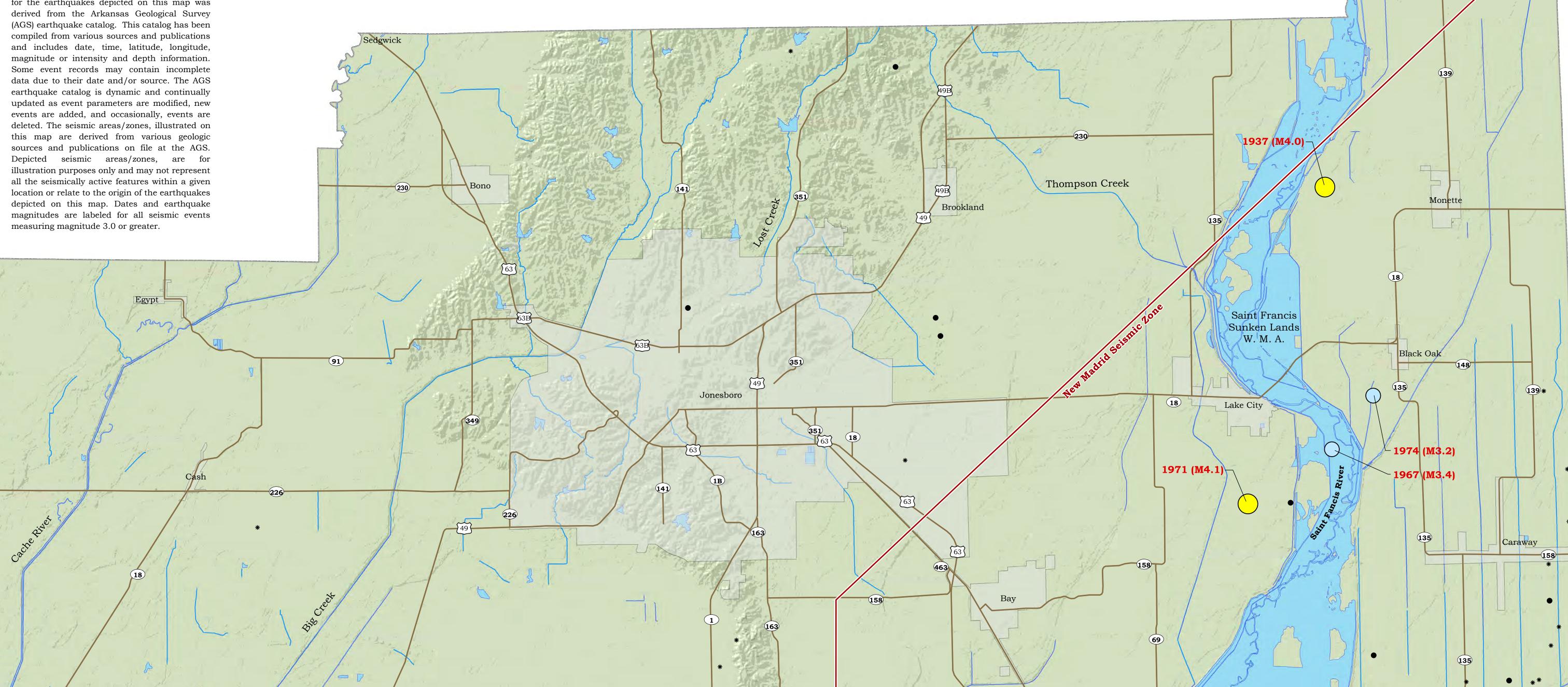
Craighead County Seismicity Map

This map illustrates the location and magnitude

About the Map

of reported earthquakes that have occurred in Craighead County, Arkansas. The data source for the earthquakes depicted on this map was derived from the Arkansas Geological Survey (AGS) earthquake catalog. This catalog has been compiled from various sources and publications and includes date, time, latitude, longitude, magnitude or intensity and depth information. Some event records may contain incomplete data due to their date and/or source. The AGS earthquake catalog is dynamic and continually updated as event parameters are modified, new events are added, and occasionally, events are deleted. The seismic areas/zones, illustrated on this map are derived from various geologic sources and publications on file at the AGS. Depicted seismic areas/zones, are for illustration purposes only and may not represent all the seismically active features within a given location or relate to the origin of the earthquakes depicted on this map. Dates and earthquake magnitudes are labeled for all seismic events measuring magnitude 3.0 or greater.





Craighead County (shaded in blue) is located within the New Madrid seismic zone catastrophic planning area (shaded in pink), as designated by the Arkansas Department of Emergency Management (ADEM). The New Madrid seismic zone (NMSZ) is shaded in purple.

Advanced National Seismic System (ANSS) earthquake database web page: URL: http://earthquake.usgs.gov/monitoring/a

Center for Earthquake Research and Information (CERI) - New Madrid Earthquake Catalog: URL: http://folk worm.ceri.memphis.edu/catalogs/html/ca t_nm.html

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National Center for Earthquake Engineering Research (NCEER) earthquake catalog for the central and eastern United States, 1627-1985. URL: http://folkworm.ceri.memphis.edu/catalo gs/html/cat_nceer.html

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St. Louis University (SLU) Earthquake Center web page: URL: http://www.eas.sl u.edu/eqc/

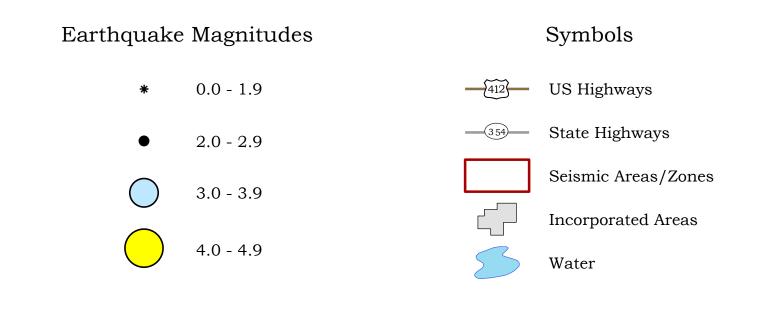
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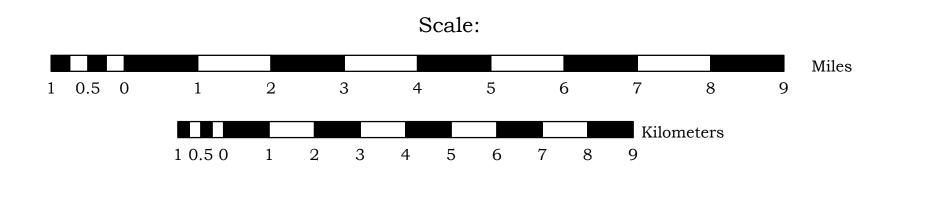
Tennessee Earthquake Information Center (TEIC) - succeeded by University of Memphis Center for Earthquake Research and Information (CERI) – taken from CERI New Madrid Earthquake Catalog. URL: http://www.ceri.memphis.edu/seismic/ca talogs/cat_nm.html

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The basemap was acquired at the Spatial Analysis Laboratory, University of Arkansas at Monticello. The feature class data was acquired at http://www.geostor. arkansas.gov





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