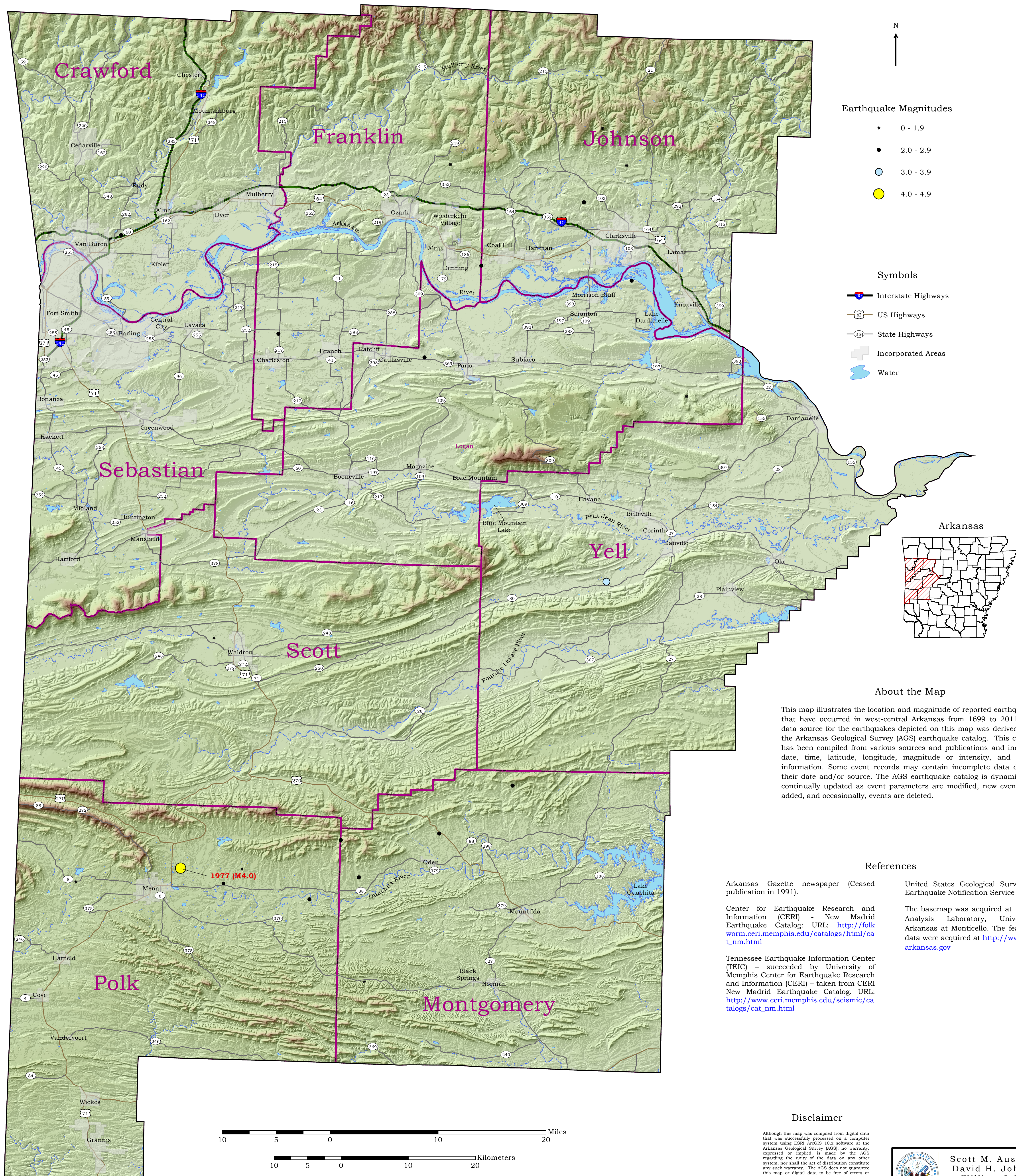


Seismicity of West-Central Arkansas



Earthquake Magnitudes

- 0 - 1.9
- 2.0 - 2.9
- 3.0 - 3.9
- 4.0 - 4.9

Symbols

- Interstate Highways
- US Highways
- State Highways
- Incorporated Areas
- Water

About the Map

This map illustrates the location and magnitude of reported earthquakes that have occurred in west-central Arkansas from 1699 to 2011. 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.

References

Arkansas Gazette newspaper (Ceased publication in 1991).
 United States Geological Survey (USGS) Earthquake Notification Service (ENS).
 Center for Earthquake Research and Information (CERI) - New Madrid Earthquake Catalog: URL: http://folk.worm.ceri.memphis.edu/catalogs/html/cat_nm.html
 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/catalogs/cat_nm.html
 The basemap was acquired at the Spatial Analysis Laboratory, University of Arkansas at Monticello. The feature class data were acquired at <http://www.geostor.arkansas.gov>

Disclaimer

Although this map was compiled from digital data that was successfully processed on a computer system using ESRI ArcGIS 10.x software at the Arkansas Geological Survey (AGS), no warranty, expressed or implied, is made by the AGS regarding the unity of the data on any other system, nor shall the act of distribution constitute any such warranty. The AGS does not guarantee this map or digital data to be free of errors or assume liability for interpretations from this map or digital data, or decisions based thereon.

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