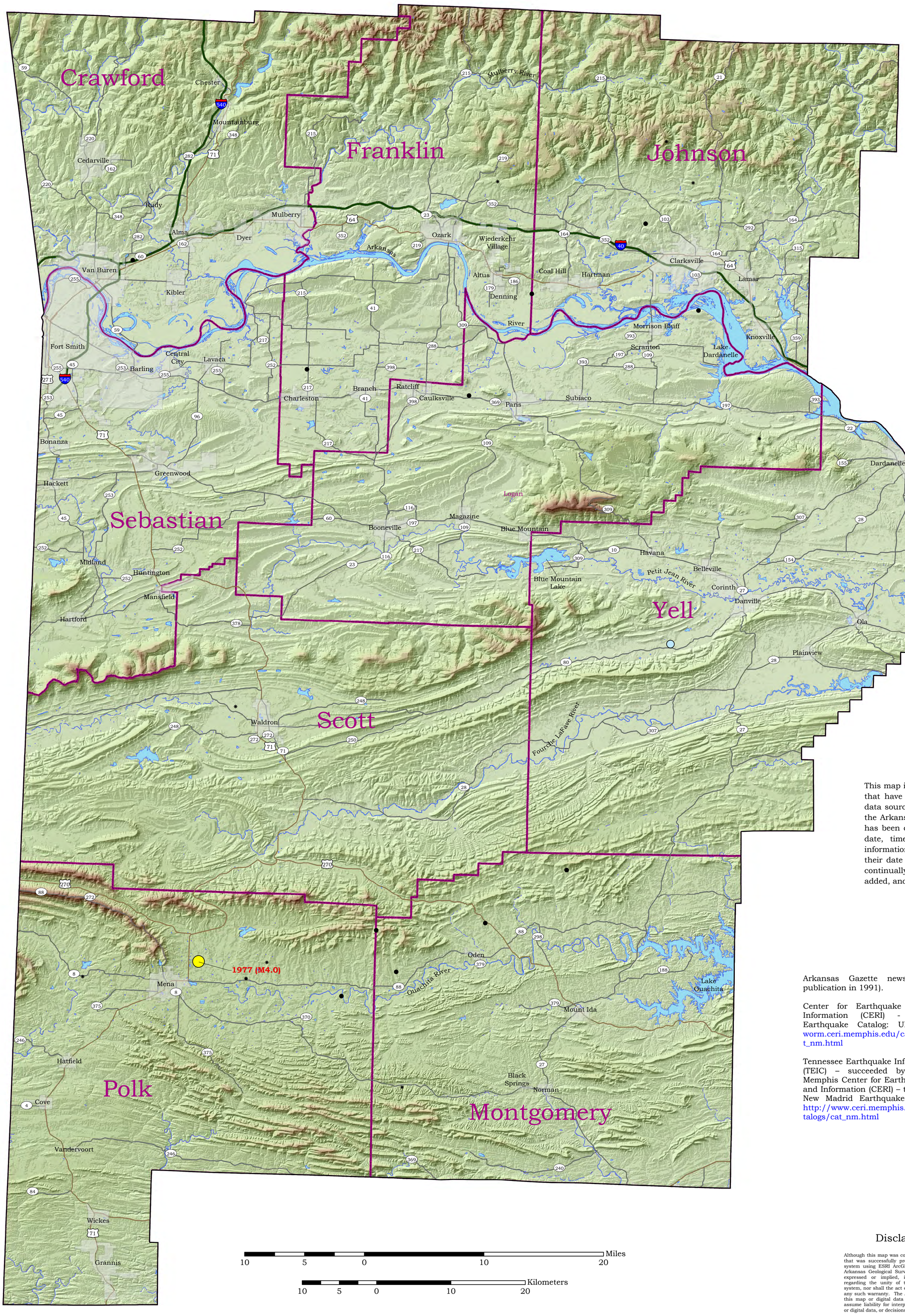
GH-EQ-ASZM-006

Arkansas Geological Survey
Bekki White, Director and State Geologist

Seismicity of West-Central Arkansas



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).

Center for Earthquake Research and Information (CERI) - New Madrid Earthquake Catalog: URL: http://folkworm.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

United States Geological Survey (USGS) Earthquake Notification Service (ENS).

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

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Revised Date: 17 December 2015
Scale: 1 : 250,000
Digital compilation: Jerry W. Clark