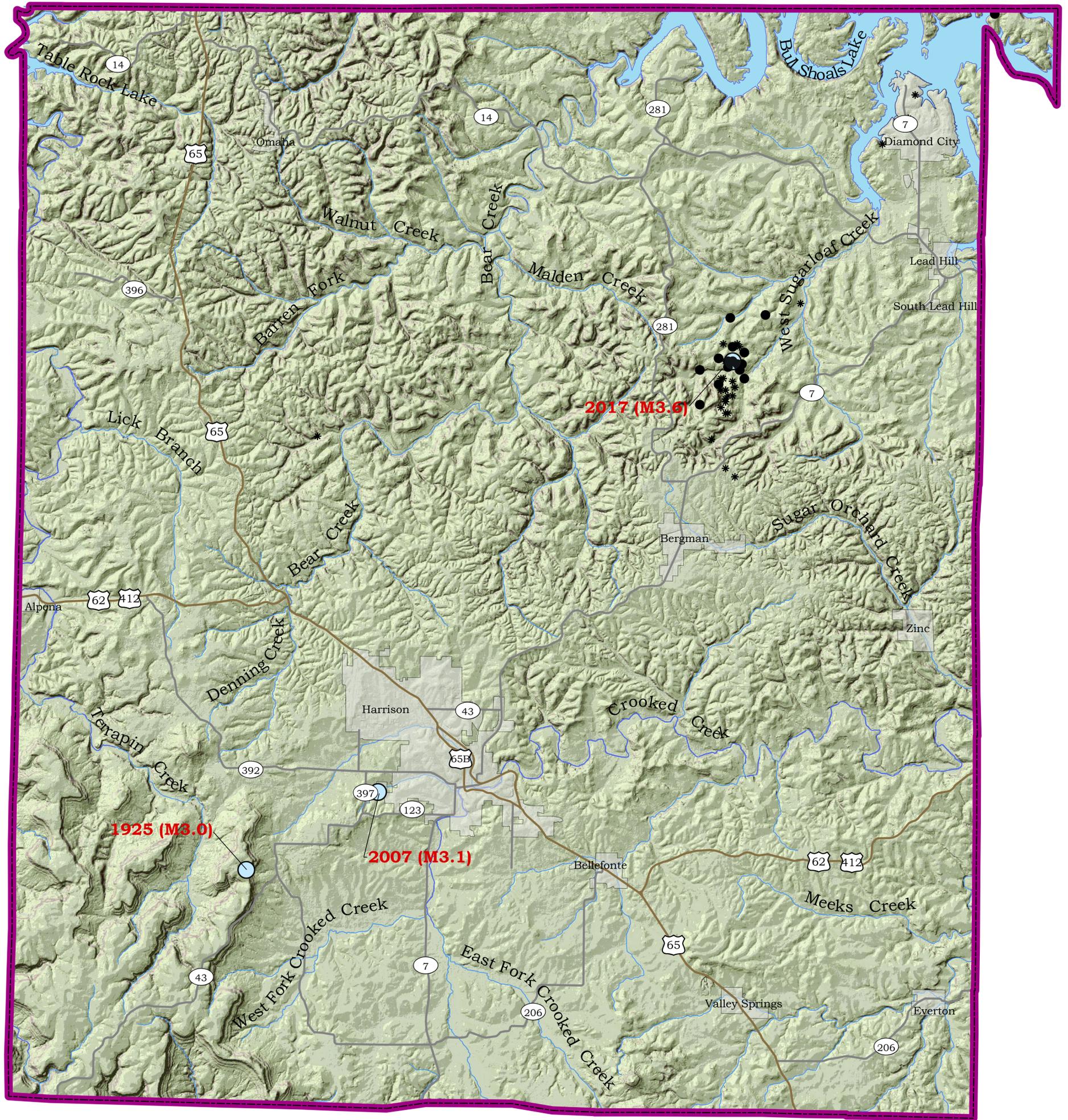


Boone County Seismicity Map



About the Map

This map illustrates the location and magnitude of reported earthquakes that have occurred in Boone County, Arkansas from 1925 to 2024. The data source for the earthquakes depicted on this map is derived from the Office of the State Geologist (OSG) earthquake catalog. The 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 OSG earthquake catalog is dynamic and continually updated as event parameters are modified, new events are added, and occasionally, events are deleted.

References

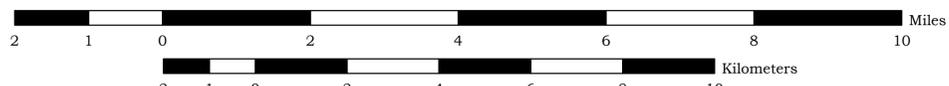
Advanced National Seismic System (ANSS) earthquake database web page: URL: <http://earthquake.usgs.gov/monitoring/anss/>

Center for Earthquake Research and Information (CERI) - New Madrid Earthquake Catalog: URL: http://folkworm.ceri.memphis.edu/catalogs/html/cat_nm.html

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

The 1M Multidirectional Hillshade or Digital Slope Model base used in the making of this map was created by the Office of the State Geologist (OSG) using the 1meter Lidar data acquired from the United States Geological Survey (USGS).

Scale:



Boone County (shaded in blue) is located outside of 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.

Earthquake Magnitudes

- * 0.0 - 1.9
- 2.0 - 2.9
- 3.0 - 3.9

Symbols

- US Highways
- State Highways
- Incorporated Areas
- Water



Disclaimer

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2013

Revised Date:	Scale:	Digital Completion:	Updated:
09 September 2024	1 : 75,000	Jerry W. Clark	