Office of the State Geologist
Scott Ausbrooks, Director and State Geologist

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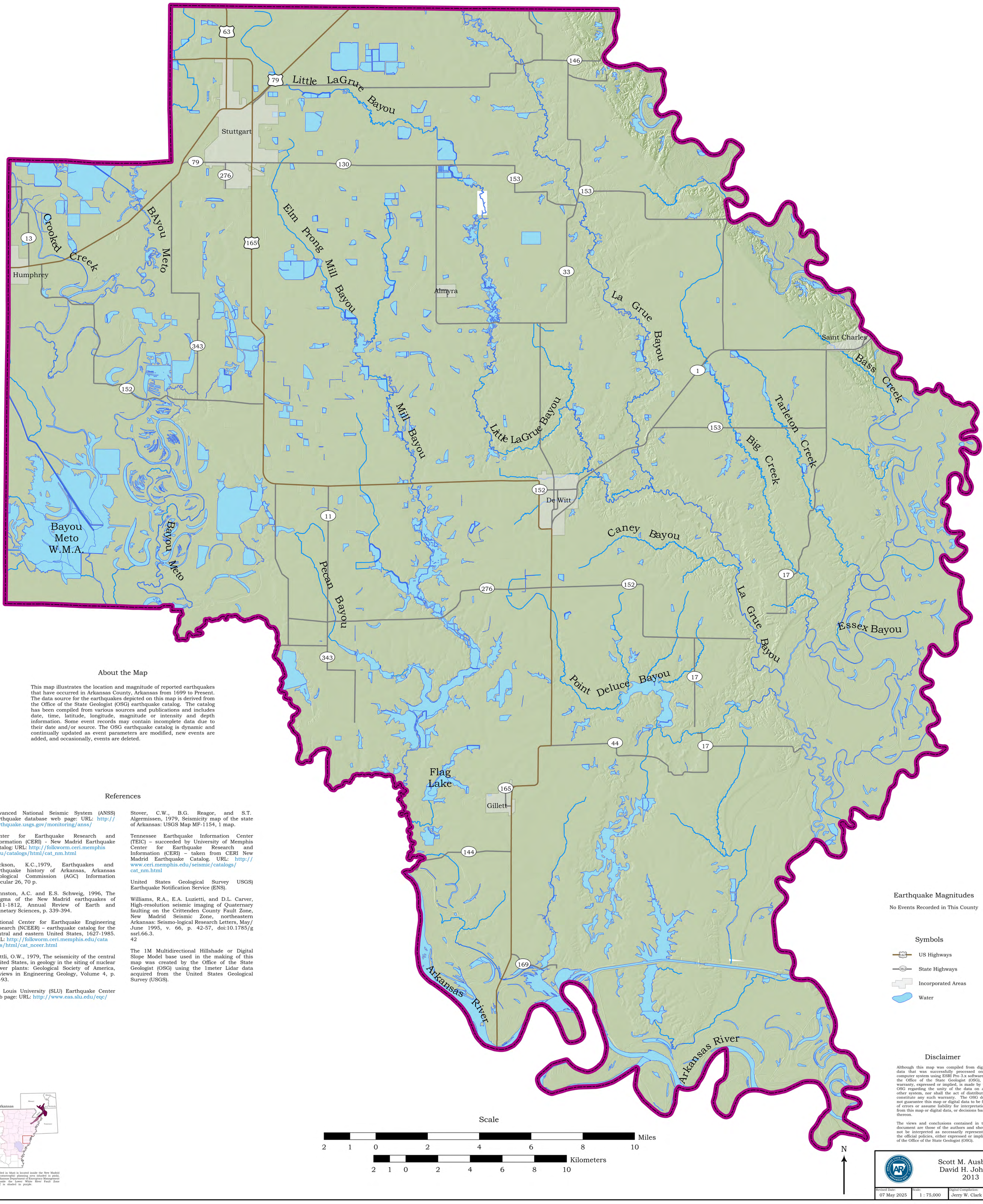
Arkansas County Seismicity Map



About the Map

This map illustrates the location and magnitude of reported earthquakes that have occurred in Arkansas County, Arkansas from 1699 to Present. 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

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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).

Arkansas County (shaded in blue) is located inside the New Madrid seismic zone (NMSZ) catastrophic planning area (shaded in pink), as designated by the Arkansas Department of Emergency Management (ADEM) and also inside the Lower White River Fault Zone (red box). The NMSZ is shaded in purple.

Scale

2 1 0 2 4 6 8 10 Miles

2 1 0 2 4 6 8 10 Kilometers

N

Earthquake Magnitudes

No Events Recorded in This County

Symbols

- 167 US Highways
- 362 State Highways
- Incorporated Areas
- Water

Disclaimer

Although this map was compiled from digital data that was successfully processed on a computer system using ESRI Pro 3.x software at the Office of the State Geologist (OSG), no warranty, expressed or implied, is made by the OSG regarding the unity of the data on any other system, nor shall the act of distribution constitute any such warranty. The OSG 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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2013

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