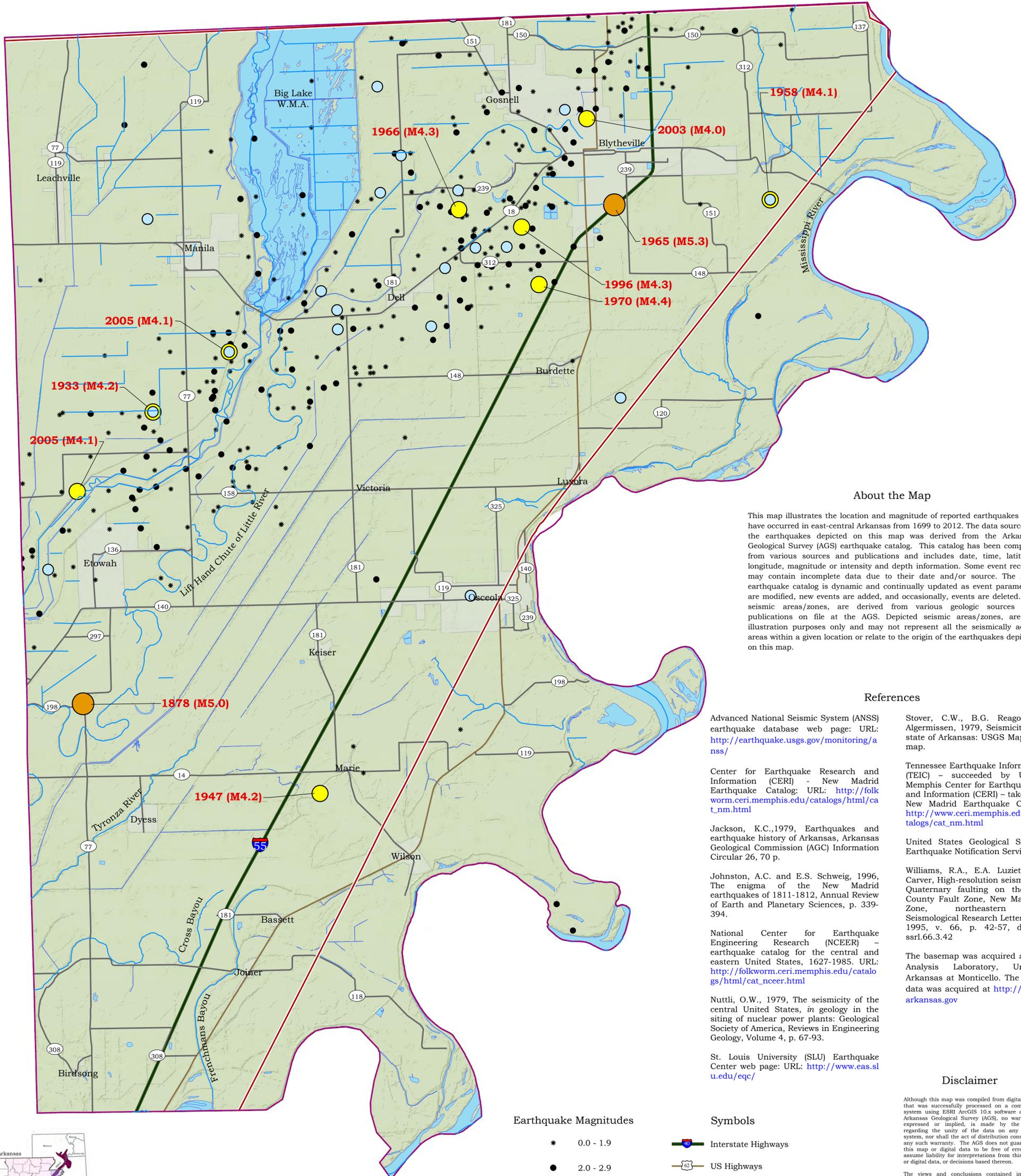




# Mississippi County Seismicity Map



### About the Map

This map illustrates the location and magnitude of reported earthquakes that have occurred in east-central Arkansas from 1699 to 2012. 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, 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 areas within a given location or relate to the origin of the earthquakes depicted on this map.

### References

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Center for Earthquake Research and Information (CERI) - New Madrid Earthquake Catalog: URL: [http://folk.worm.ceri.memphis.edu/catalogs/html/cat\\_nm.html](http://folk.worm.ceri.memphis.edu/catalogs/html/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>

### Disclaimer

Although this map was compiled from digital data that was successfully processed on a computer system using ESRI ArcGIS 10x 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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2012

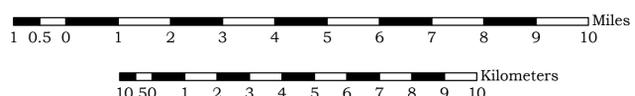
Revised Date: 19 December 2012 Scale: 1 : 250,000 Digital compilation: Jerry W. Clark

### Earthquake Magnitudes

- \* 0.0 - 1.9
- 2.0 - 2.9
- 3.0 - 3.9
- 4.0 - 4.9
- 5.0 - 5.9

### Symbols

- Interstate Highways
- US Highways
- State Highways
- Incorporated Areas
- Water
- Seismic Areas/Zones



Mississippi County (shaded in blue) is located inside 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.