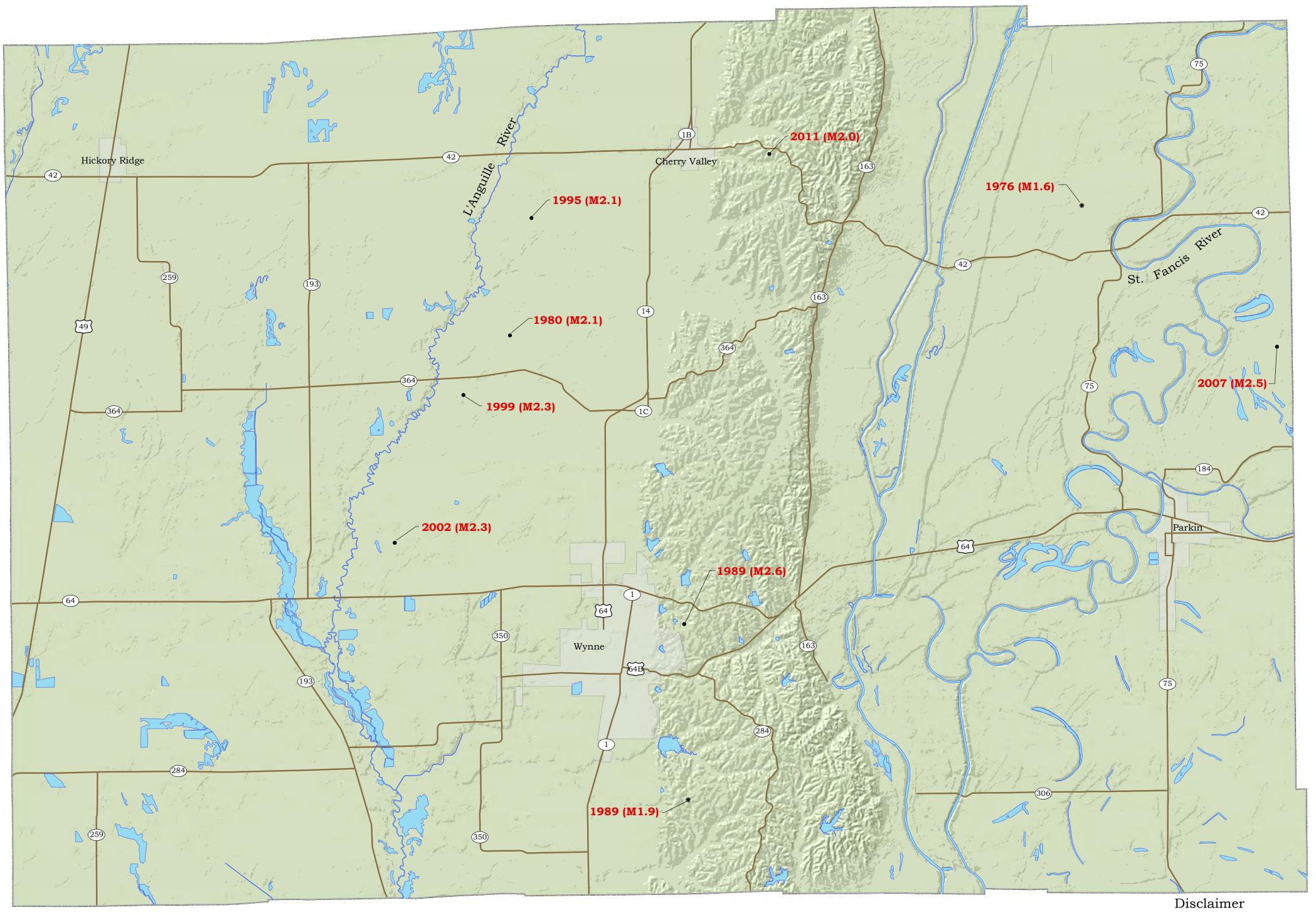
### Cross County Seismicity Map



#### About the Map

This seismicity map is generated from an earthquake database maintained by the Arkansas Geological Survey. The database incorporates selected seismic events that have been recorded or reported in Arkansas since 1699. The purpose of this map is to provide the location of epicenters and magnitudes of earthquakes at the county level. Dates and earthquake magnitudes are labeled for all seismic events.

#### Acknowledgments

We extend our appreciation to John David McFarland III for compiling the original earthquake database used to make this map and for sharing his knowledge of Arkansas seismicity. We would also like to thank the Center for Earthquake Research and Information (CERI) at the University of Memphis for seismic data used to generate this map.



## Cross County (shaded in blue) is located intside 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 (NMZS) is shaded in purple.

## Miles 1 0.5 0 1 2 3 4 5 6 7 8 9 Kilometers 1 0.5 0 1 2 3 4 5 6 7 8 9

# Earthquake Magnitudes \* 0.0 - 1.9 • 2.0 - 2.9 Symbols US Highways State Highways Incorporated Areas Water

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The 5M DEM base used in the making of this map was acquired at the Spatial Analysis Laboratory, University of Arkansas, Monticello and some of the other bases were acquired at the GeoStor online.



Scott M. Ausbrooks Erica Doerr 2009

Revised Date: Scale: Digital Compilation: 12 December 2012 1:90,000 Jerry W. Clark