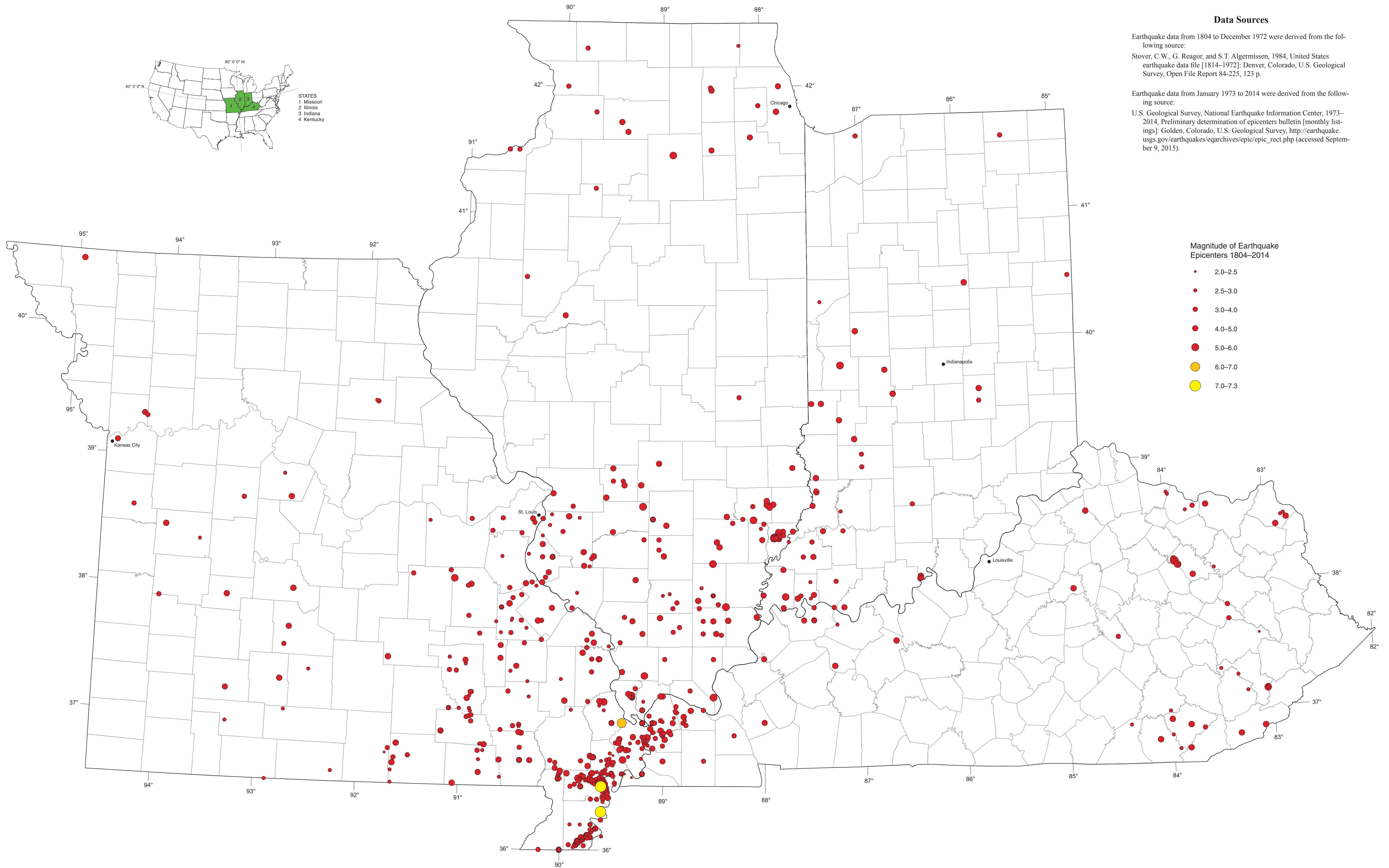
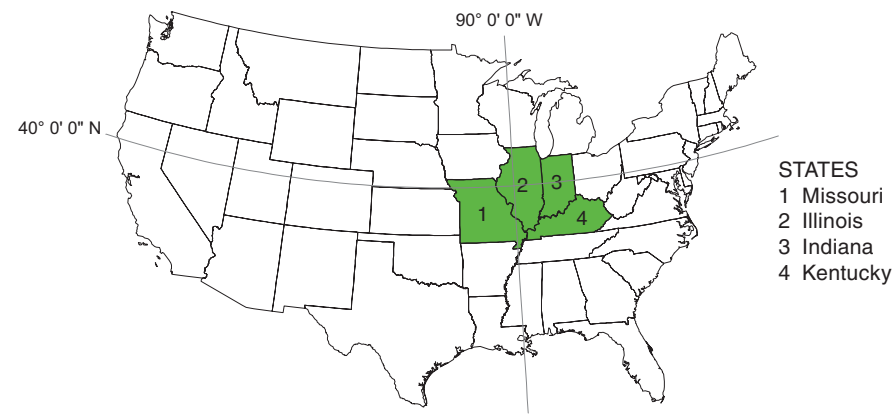


# GEOLOGICAL AND GEOPHYSICAL MAPS OF THE ILLINOIS BASIN-OZARK DOME REGION

## MAP 12: EARTHQUAKE EPICENTERS 1804-2014

Digitally compiled by Curtis C. Abert, Stephen Marshak, and Timothy H. Larson  
2016



### Data Sources

Earthquake data from 1804 to December 1972 were derived from the following source:  
Stover, C.W., G. Reagor, and S.T. Algermissen, 1984, United States earthquake data file [1814-1972]; Denver, Colorado, U.S. Geological Survey, Open File Report 84-225, 123 p.

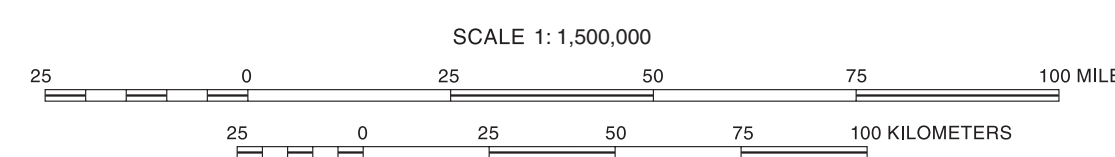
Earthquake data from January 1973 to 2014 were derived from the following source:  
U.S. Geological Survey, National Earthquake Information Center, 1973-2014, Preliminary determination of epicenters bulletin [monthly listings]; Golden, Colorado, U.S. Geological Survey, [http://earthquake.usgs.gov/earthquakes/eqarchives/epic/epic\\_rect.php](http://earthquake.usgs.gov/earthquakes/eqarchives/epic/epic_rect.php) (accessed September 9, 2015).

### Magnitude of Earthquake Epicenters 1804-2014

- 2.0-2.5
- 2.5-3.0
- 3.0-4.0
- 4.0-5.0
- 5.0-6.0
- 6.0-7.0
- 7.0-7.3

Vector base data from 2009 Esri Data and Maps  
Geographic coordinate system: GCS\_WGS\_1984  
Projection: Lambert Conformal Conic

**Recommended citation:**  
Abert, C.C., S. Marshak, and T.H. Larson, 2016, Map 12: Earthquake epicenters 1804-2014, in S. Marshak, T.H. Larson, and C.C. Abert, compilers, Geological and geophysical maps of the Illinois Basin-Ozark Dome Region; Illinois State Geological Survey, Illinois Map 23-12, 1:1,500,000.



© 2016 University of Illinois Board of Trustees. All rights reserved.  
For permission information, contact the Illinois State Geological Survey.

Digital cartography by Curtis C. Abert and Jennifer E. Carrell, Illinois State Geological Survey.

The Illinois State Geological Survey, the University of Illinois, and the State of Illinois make no guarantee, expressed or implied, regarding the correctness of the interpretations presented in this document and accept no liability for the consequences of decisions made by others on the basis of the information presented here. The geologic interpretations are based on data that may vary with respect to the accuracy of geographic location, the type and quantity of data available at each location, and the scientific and technical qualifications of the data sources.