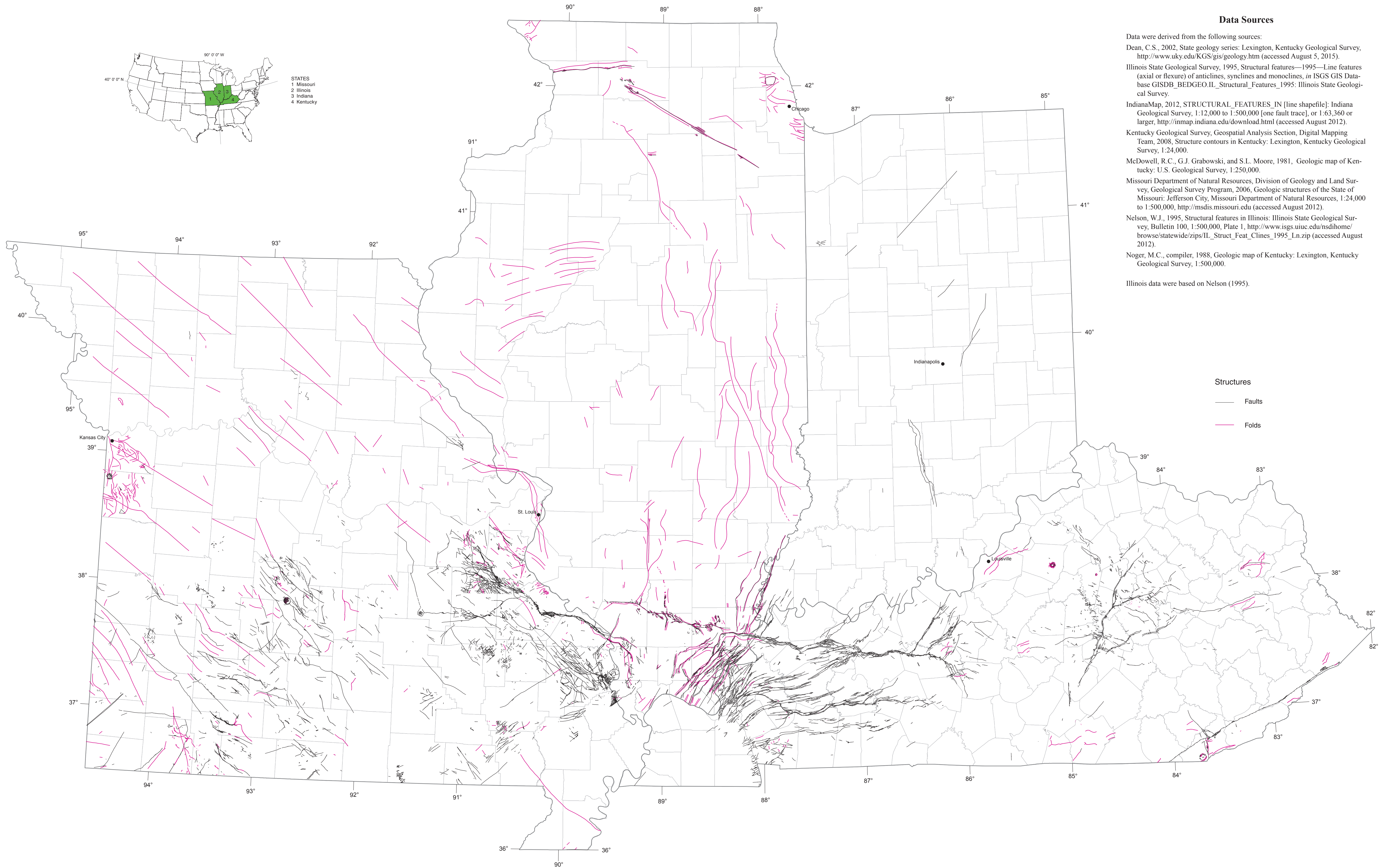


# GEOLOGICAL AND GEOPHYSICAL MAPS OF THE ILLINOIS BASIN-OZARK DOME REGION

## MAP 11: FAULT AND FOLD TRACES

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



### Data Sources

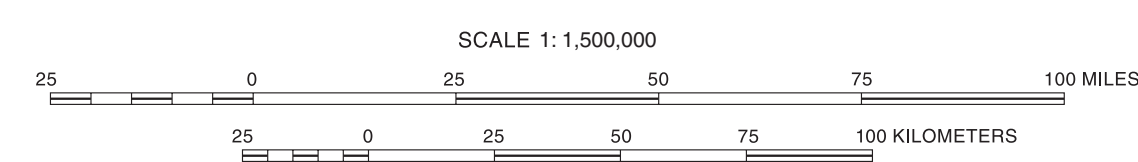
Data were derived from the following sources:  
 Dean, C.S., 2002, State geology series: Lexington, Kentucky Geological Survey, <http://www.uky.edu/KGS/gis/geology.htm> (accessed August 5, 2015).  
 Illinois State Geological Survey, 1995, Structural features—1995—Line features (axial or flexure) of anticlines, synclines and monoclines, in ISGS GIS Database GISDB\_BEDGEO\_IL\_Structural\_Features\_1995: Illinois State Geological Survey.  
 IndianaMap, 2012, STRUCTURAL\_FEATURES\_IN [line shapefile]: Indiana Geological Survey, 1:12,000 to 1:500,000 [one fault trace], or 1:63,360 or larger, <http://mmap.indiana.edu/download.html> (accessed August 2012).  
 Kentucky Geological Survey, Geospatial Analysis Section, Digital Mapping Team, 2008, Structure contours in Kentucky: Lexington, Kentucky Geological Survey, 1:24,000.  
 McDowell, R. C., G. J. Grabowski, and S. L. Moore, 1981, Geologic map of Kentucky: U.S. Geological Survey, 1:250,000.  
 Missouri Department of Natural Resources, Division of Geology and Land Survey, Geological Survey Program, 2006, Geologic structures of the State of Missouri: Jefferson City, Missouri Department of Natural Resources, 1:24,000 to 1:500,000, <http://msdis.missouri.edu> (accessed August 2012).  
 Nelson, W.J., 1995, Structural features in Illinois: Illinois State Geological Survey, Bulletin 100, 1:500,000, Plate 1, [http://www.isgs.uiuc.edu/nsd/home/browse/statewide/zips/IL\\_Struct\\_Feat\\_Clines\\_1995\\_Ln.zip](http://www.isgs.uiuc.edu/nsd/home/browse/statewide/zips/IL_Struct_Feat_Clines_1995_Ln.zip) (accessed August 2012).  
 Noger, M.C., compiler, 1988, Geologic map of Kentucky: Lexington, Kentucky Geological Survey, 1:500,000.  
 Illinois data were based on Nelson (1995).

### Structures

- Faults
- Folds

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 11: Fault and fold traces, 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 23-11, 1:1,500,000.



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

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