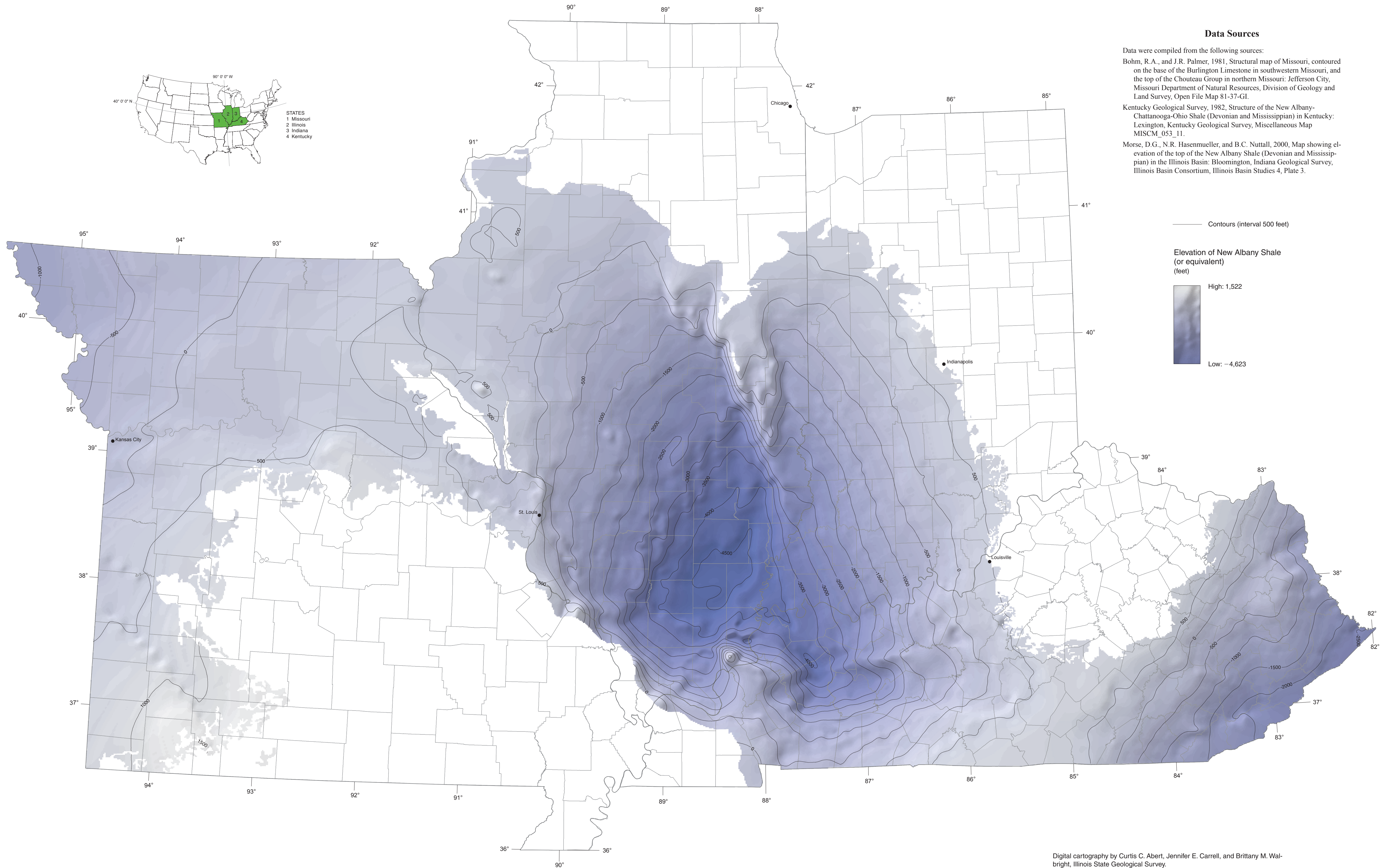


GEOLOGICAL AND GEOPHYSICAL MAPS OF THE ILLINOIS BASIN-OZARK DOME REGION

MAP 6: STRUCTURE CONTOURS OF THE TOP OF THE MISSISSIPPIAN-DEVONIAN NEW ALBANY SHALE AND CORRELATIVES

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

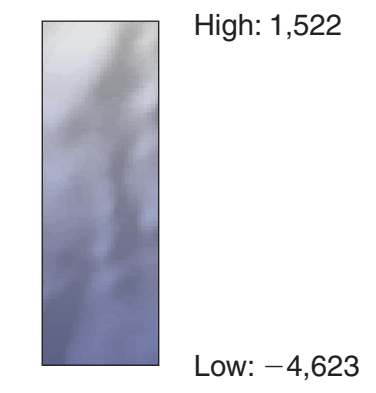


Data Sources

Data were compiled from the following sources:
Bohm, R.A., and J.R. Palmer, 1981, Structural map of Missouri, contoured on the base of the Burlington Limestone in southwestern Missouri, and the top of the Chouteau Group in northern Missouri. Jefferson City, Missouri Department of Natural Resources, Division of Geology and Land Survey, Open File Map 81-37-GI.
Kentucky Geological Survey, 1982, Structure of the New Albany-Chattanooga-Ohio Shale (Devonian and Mississippian) in Kentucky: Lexington, Kentucky Geological Survey, Miscellaneous Map MISC05_03_11.
Morse, D.G., N.R. Hasenmueller, and B.C. Nuttall, 2000, Map showing elevation of the top of the New Albany Shale (Devonian and Mississippian) in the Illinois Basin. Bloomington, Indiana Geological Survey, Illinois Basin Consortium, Illinois Basin Studies 4, Plate 3.

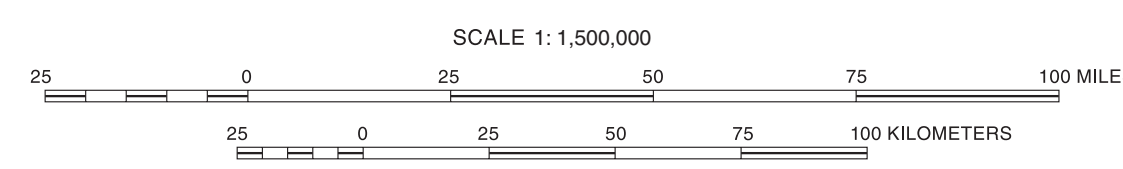
Contours (interval 500 feet)

Elevation of New Albany Shale (or equivalent) (feet)



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 6: Structure contours of the top of the Mississippian-Devonian New Albany Shale and correlatives, 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 23-6, 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, Jennifer E. Carrell, and Brittany M. Walbright, Illinois State Geological Survey.

This map is a compilation of multiple preexisting data sets. The data sources may not have been reviewed by the ISGS for accuracy. Discrepancies may exist across state boundaries. Data resolution may vary across the map. Structure contours and surfaces represent the source data as modeled in ArcGIS. Resolution may be low and uncertainty high for surfaces modeled at great depth.

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.