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Net Coal Thickness DEWITT County

County Coal Map Series Andrew Louchios, Scott Elrick, Chris Korose, David Morse

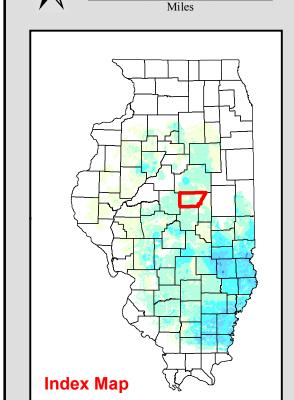
Map construction: November 04, 2009

This product is under review and may not meet the

standards of the Illinois State Geological Survey.

County coal maps and select quadrangle maps available as downloadable PDF files at: http://www.isgs.illinois.edu/maps-data-pub/coal-maps/county-index.shtml

FORD 23N 4E 23N 3E 23N 6E 23N 5E 23N 1E 23N 1W 22N 3E 22N 4E MCLEAN 22N-2E-22N 5E 22N 1W 21N 6E 21N 4E 21N 3E 21N 2E 21N 1E__ Waynesville Wapella 20N 5E 20N 1E 20N-2E 20N 1W DEWITT De Land <u>LOGAN</u> 19N 6E 19N 4E 19N 5E 19N 3E 19N 1W PIATT 18N 5E 18N 6E 18N 3E 18N 2E 18N 1E -18N-1W-MACON Forsyth 17N 6E 17N 5€ 17N12E 17N 1E 17N 1W SANGAMON Niantic Illiopolis 16N 6E 16N 5É 16N 4 16N 3E 16N 1W



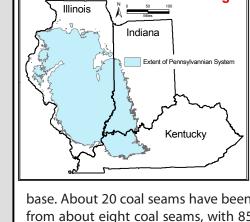
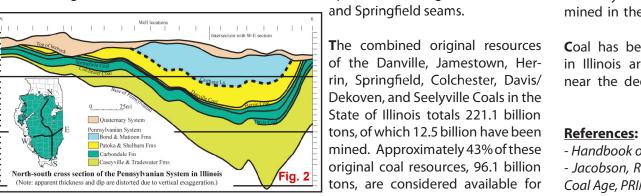


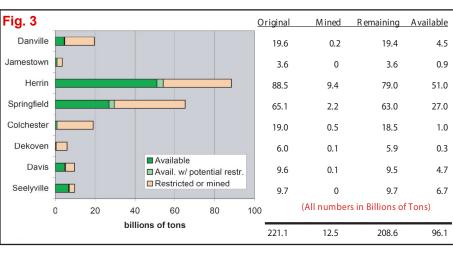
Fig. 1 The coalfields of Illinois, Indiana, and western Kentucky constitute the Eastern Region of the In
No. 1 The coalfields of Illinois, Indiana, and western mining (See Fig 3.)

No. 2 The coalfields of Illinois, Indiana, and western in the coalfields of Illinois, Indiana, and Illinois, Illi terior Coal Province, known better as the Illinois that the surface Basin. About 36,800 square miles in Illinois are un- land-use and geo- Jamestown derlain by the coal-bearing sequence of rocks that logic conditions constitute the Pennsylvanian System. (See Fig 1.) related to mining

Illinois has the largest reported bituminous coal re- thickness, depth, sources and the largest strippable bituminous coal re- in-place tonnage, sources of any state in the United States. Illinois has the stability of bedthird largest total coal resources of any state and is second only to Montana in terms of demonstrated reserve are comparable base. About 20 coal seams have been mined in Illinois. Most production, however, has come to other coals from about eight coal seams, with 85 to 90% of the total production being from the Herrin currently being



of the deposit (e.g.



The combined original resources Coal has been mined in Illinois for 200 years. The thickest cumulative resources of coals of the Danville, Jamestown, Her- in Illinois are found in the southeastern part of the state along the Galatia Channel and rin, Springfield, Colchester, Davis/ near the deepest areas of the Illinois Basin in and around Jasper County. (See Index Map)

- Handbook of Illinois Stratigraphy, 1975, Illinois State Geological Survey Bulletin 95, 261p. - Jacobson, R.J, and C Korose, 2003, Coal Geology of Illinois, in 2003 Keystone Coal Industry Manual, Coal Age, PRIMEDIA Business Magazines and Media, Chi cago, IL, pp. 503 -514.

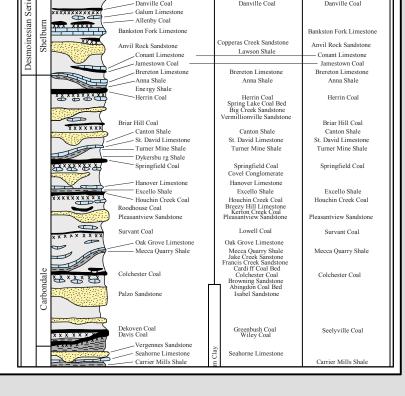


Fig. 4 Pennsylvanian Stratigraphic Column

Northern and Western Eastern and Southern Members and Beds Members and Beds

Net Coal Thickness

5 to 10 feet

10 to 15 feet

15 to 20 feet

20 to 25 feet

18 inches to 5 feet

Map Explanation

The maps and digital files of this study were compiled from data from a variety of public and private sources and have varying degrees of completeness and accuracy. They present interpretations of the geology of the area and are based on available data. However, these interpretations are based on data that may vary with respect to accuracy of geographic location, type, quantity, and reliability, as they were supplied to the Illinois State Geological Survey. Consequently, the accuracy of the interpreted features shown in these files is subject to the limitations of the data and varies from place to place.

Contoured features less than 7 million square feet (about 1/2 mile square) in area may not be accurately portrayed or resolved. This data set provides a large-scale conceptual model of the geology of the area on which to base further work. These data are not intended for use in site-specific screening or decision-making.

Disclaimer

The Illinois State Geological Survey and the University of Illinois make no guarantee, expressed or implied, regarding the correctness of the interpretations presented in this data set and accept no liability for the consequences of decisions made by others on the basis of the information presented here.

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