



Illinois



The Springfield Coal underlies about two thirds Fig. of Illinois as well as portions of western Indiana Miles and western Kentucky. The coal crops out along Indiana the margins of the Illinois Basin and reaches a Springfield Coal maximum depth in Illinois of about 1,300 feet.

	Original	Mined	Remaining	Available	the Illinois River. The coal is thin or absent	Fig
Danville	19.6	0.2	19.4	4.5	in the southwestern	Series
Jamestown	3.6	0	3.6	0.9	and extreme north-	Se
Herrin	88.5	9.4	79.0	51.0	ern portions of the	
Springfield	65.1	2.2	63.0	27.0	coal field. (Modified	
Colchester	19.0	0.5	18.5	1.0	from ISGS Pub. IM 118, Treworgy, et al)	
Dekoven	6.0	0.1	5.9	0.3	i i o, nenorgy, et al,	Series
Davis Available	9.6	0.1	9.5	4.7		ian S
Seelyville Restricted or mined	9.7	0	9.7	6.7		oines
0 20 40 60 80 1	- 00	(All number	s in Billions of	f Tons)		Desmoinesian
Fig. 3 billions of tons	221.1	12.5	208.6	96.1		

i	ig. 4 Pennsylvanian Stratigraphic Column								
100	Fm.	Graphic	Central and Southern	Northern and Western	Eastern and Southern				
50	F1	Column	Members and Beds	Members and Beds	Members and Beds				
			Anna Shale Energy Shale	Anna Shale	Anna Shale				
		Herrin Coal	Herrin Coal Spring Lake Coal Bed Big Creek Sandstone	Herrin Coal					
			Briar Hill Coal	Vermillionville Sandstone	Briar Hill Coal				
		X X X X X XX	Canton Shale	Canton Shale	Canton Shale				
Carhondale			St. David Limestone	St. David Limestone	St. David Limestone				
		Turner Mine Shale Dykersburg Shale Springfield Coal	Turner Mine Shale	Turner Mine Shale					
	dale		Springfield Coal Covel Conglomerate	Springfield Coal					
	on			Hanover Limestone					
	rb		Excello Shale	Excello Shale	Excello Shale				
	Са	××××××××××××××××××××××××××××××××××××××	Houchin Creek Coal	Houchin Creek Coal Breezy Hill Limestone Kerton Creek Coal Pleasantview Sandstone	Houchin Creek Coal				
5		F	leasantview Sandstone	Pleasantview Sandstone	Pleasantview Sandstone				
		<u> </u>	Survant Coal	Lowell Coal	Survant Coal				
			Oak Grove Limestone	Oak Grove Limestone	Marca Oracent Chala				
			— Mecca Quarry Shale	Mecca Quarry Shale	Mecca Quarry Shale				

Coal Depth

< 100 ft

Detailed So. Illinois Faults

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. Data included in this map are suitable for use at a scale of 1:100,000



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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