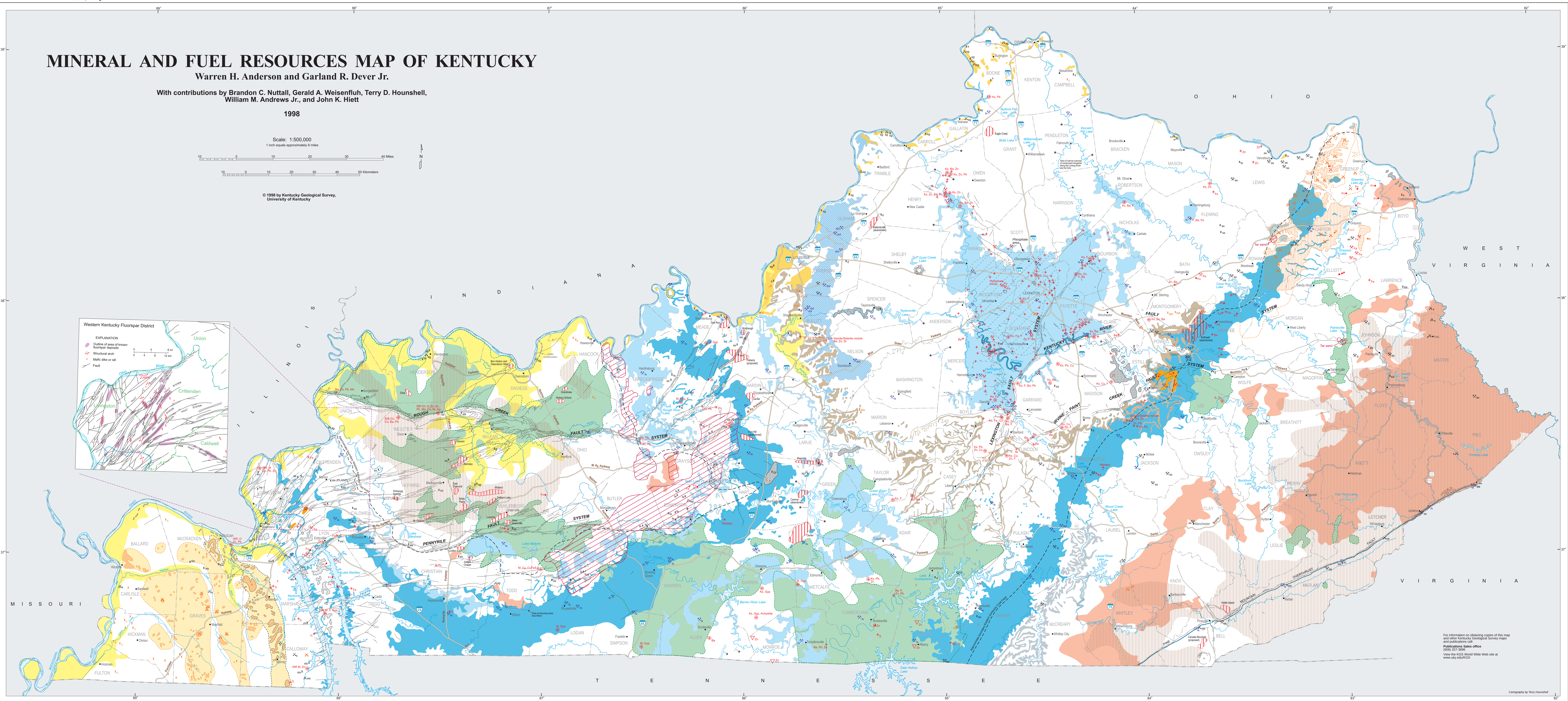
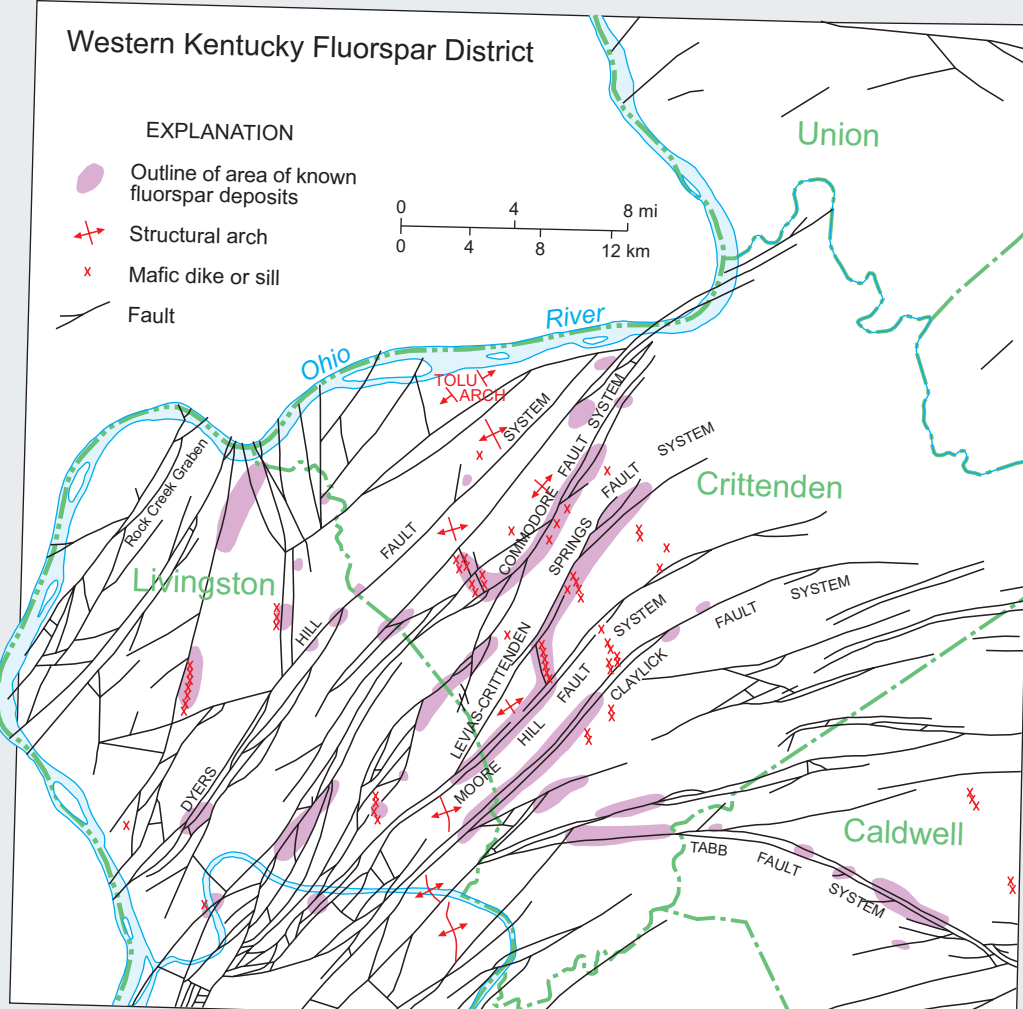


1998

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Cartography by Terry Hoarsh

[illegible]

Kentucky has an estimated original petroleum resource of 2.3 billion barrels of mobile oil, 3.4 billion barrels of heavy oil, and more than 100 trillion cubic feet of natural gas resources. At least 0.75 billion barrels of oil and 4.7 trillion cubic feet of natural gas have been produced in Kentucky. In western Kentucky, oil and some natural gas are produced primarily from Mississippian and Pennsylvanian rocks. In central Kentucky, oil and natural gas are produced from Ordovician

228 Mining and Mineral Resources Building, University of Kentucky, Lexington, KY 40506-0107. The Kentucky Geological Survey maintains the official State repository of oil and natural gas drilling records, the official Ground-Water Data Repository, the Kentucky Well Sample and Core Library, and other databases on coal, minerals, geology, maps, and paleontology. This information is used by thousands of citizens each year.

Cobb, J.C., and Eble, C.F., 1992, Sulfur in Kentucky coal and the Clean Air Act Amendments of 1990: Kentucky Geological Survey, ser. 11, Information Circular 38, 14 p.

Dever, G.R., Jr., 1980, High-carbonate and low-silica stone in the High Bridge Group (Middle Ordovician), Fayette County, central Kentucky: Kentucky Geological Survey, ser. 11, Information Circular 4, 45 p.

More information on publications about Kentucky's mineral resources is available in the Kentucky Geological Survey's List of Publications, available free upon request to the Survey.

The graph illustrates the historical coal production in Kentucky. The 'Total Coal' line (black) shows a general upward trend with significant fluctuations, peaking at nearly 170 million tons in the late 1970s/early 1980s. The 'Eastern Kentucky Coal Field' (blue) shows a sharp increase starting around 1960, peaking at about 120 million tons in 1980, and then declining. The 'Western Kentucky Coal Field' (green) shows a more gradual increase, peaking at about 60 million tons around 1980, and then declining.

Year	Total Coal (Million Tons)	Eastern Kentucky Coal Field (Million Tons)	Western Kentucky Coal Field (Million Tons)
1900	~5	~0	~0
1920	~30	~10	~5
1940	~60	~30	~15
1960	~100	~40	~20
1980	~170	~120	~60
2000	~150	~100	~40

Source: Kentucky Geological Survey

The graph displays the consumption of three types of aggregate materials in the United States from 1955 to 1995. The Y-axis represents consumption in millions of cubic yards, ranging from 0 to 50. The X-axis represents the year. Limestone (blue line) shows the highest consumption, starting around 10 million cubic yards in 1955 and rising to nearly 50 million by 1995. Sand and Gravel (black line) consumption is moderate, starting around 5 million cubic yards and peaking around 1980 at approximately 12 million cubic yards. Clay (orange line) consumption is the lowest and most stable, remaining below 1 million cubic yards throughout the period.

Year	Limestone (Millions of Cubic Yards)	Sand and Gravel (Millions of Cubic Yards)	Clay (Millions of Cubic Yards)
1955	10	5	0.5
1960	15	6	0.5
1965	25	7	0.5
1970	30	8	0.5
1975	40	10	0.5
1980	30	12	0.5
1985	35	10	0.5
1990	45	10	0.5
1995	50	10	0.5

Source: U.S. Bureau of Mines and U.S. Geological Survey

[illegible]

OIL AND NATURAL GAS PRODUCTION

This line graph illustrates the production trends of oil and natural gas from 1880 to 2000. The left Y-axis measures Oil production (0 to 30), and the right Y-axis measures Natural Gas production (0 to 9). The X-axis represents the Year (1880 to 2000).

Oil Production (Green Line): Shows a steady increase from 1900, peaking around 1970 at approximately 22 units, followed by a decline.

Natural Gas Production (Red Line): Starts around 1950, peaks around 1970 at approximately 8.5 units, and then declines.

Source: Kentucky Geological Survey