



2007

# Generalized Geologic Map for Land-Use Planning: Laurel County, Kentucky

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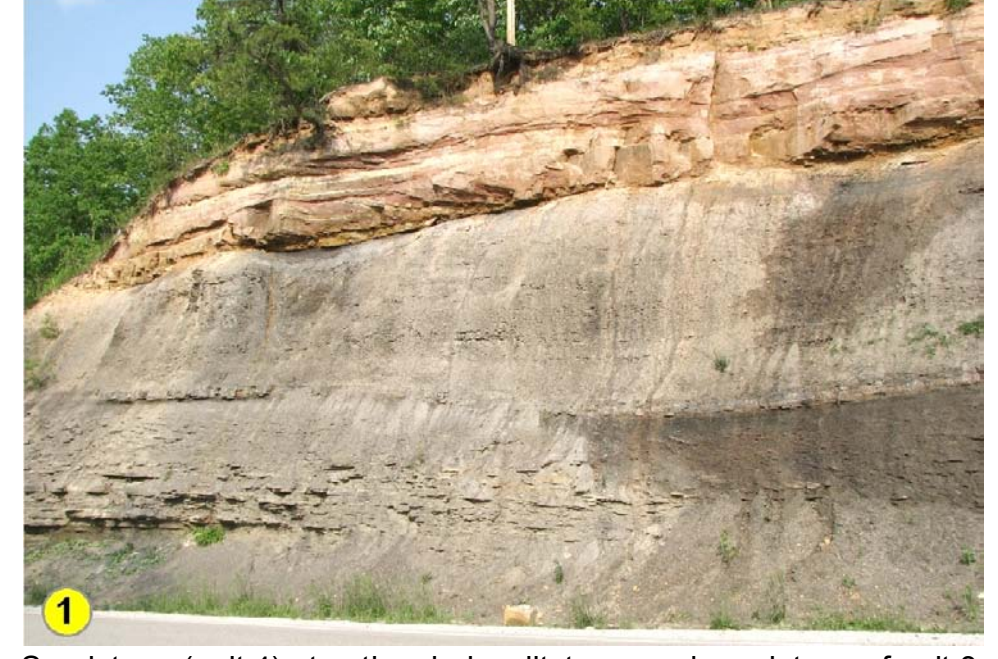
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Laurel County, an area of 436 square miles in the Eastern Kentucky Coal Field, was formed in 1826. The Rockcastle River forms the west-ern and northern boundaries of the county. The lowest elevation, 723 feet, is where the Rockcastle joins the Cumberland River. The highest elevation, 1,760 feet, is a peak in the southeast on the Knox County line. The 2006 population of 56,979 was 8.1 percent greater than that of 2000. Photo by Dan Carey, Kentucky Geological Survey.

**Sandstone (Unit 4) and Shale (Unit 3)**



Sandstone (unit 4) atop the shale, siltstone, and sandstone of unit 3 in a roadcut on Ky. 909. Seepage occurs when downward-percolating rain encounters the impermeable shale. Photo by Dan Carey, Kentucky Geological Survey.

**Hydropower**



The Rockcastle River below the 1930's Old Sublimity Bridge at the Bee Rock Recreation Area. This 15.9-mile reach from Billows to Lake Cumberland is part of the Kentucky Wild Rivers Program. Photo by Dan Carey, Kentucky Geological Survey.

**Transportation**



The Hal Rogers and Cumberland Gap Parkways and I-75 provide major transportation arteries for local industry. Photo by Dan Carey, Kentucky Geological Survey.

**Waste Management**



The Laurel Ridge Landfill, operated by Waste Connections Inc., can produce 4.8 megawatts of electricity from landfill methane gas at its Eastern Kentucky Power Cooperative unit. Photo courtesy of WCO of Kentucky.

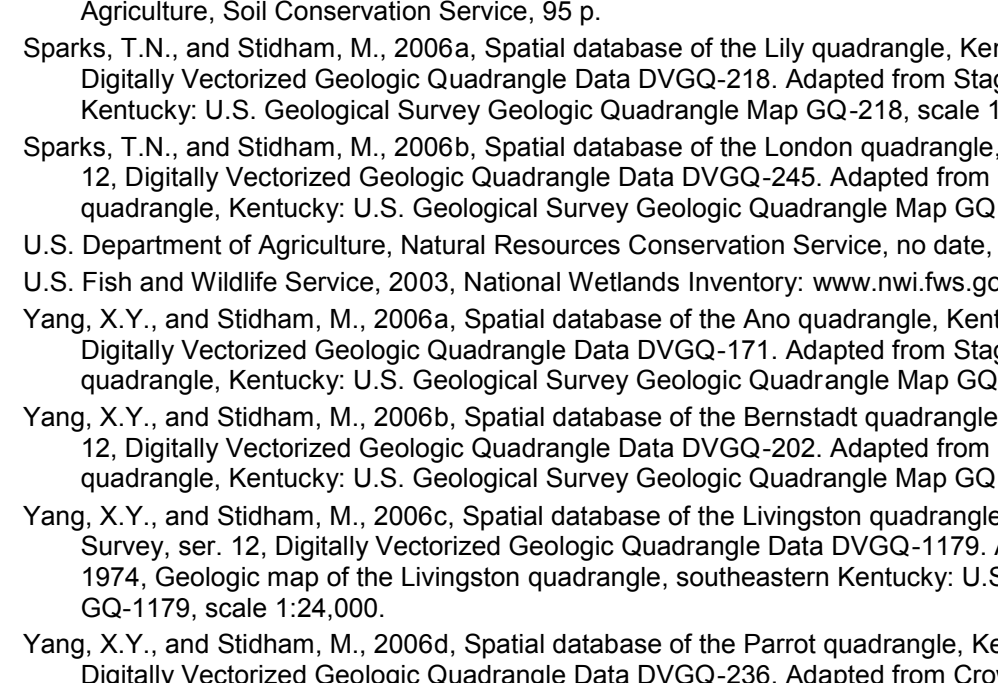
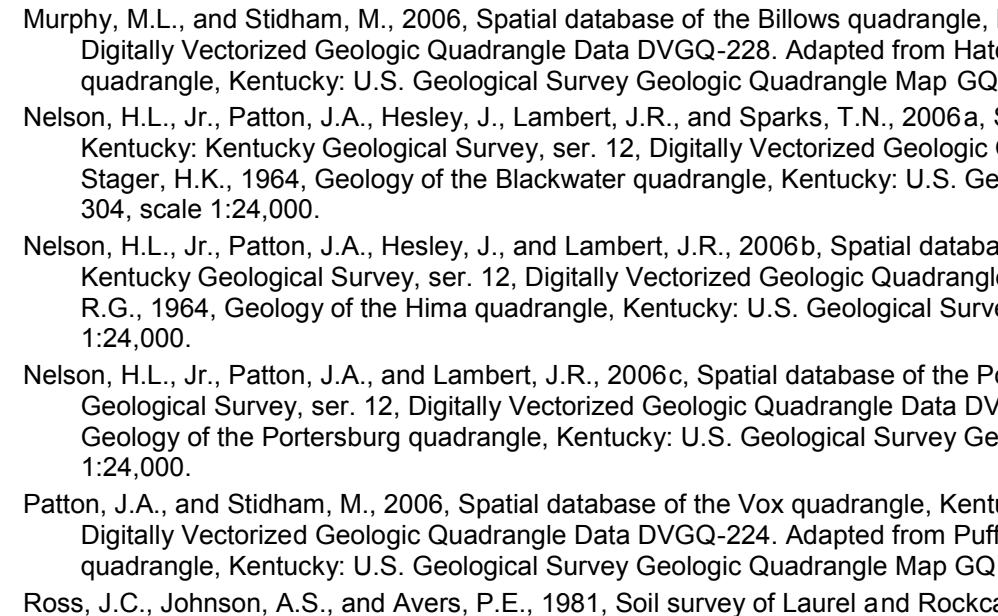
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**Additional Resources**

Listed below are Web sites for several agencies and organizations that may be of assistance with land-use planning issues in Laurel County:  
www.laurelkytourism.com Laurel County Tourism  
www.londonky.com London  
www.chickenfestival.com World Chicken Festival  
www.kyhometown.com/indon/ London, KY  
www.sentrifecto.com The Sentinel Echo  
www.uky.edu/laurel/ University of Kentucky Cooperative Extension Service  
www.thinkkentucky.com/edis/county/cw/cv058/ Development Information System  
www.uky.edu/KentuckyAtlas/21125.html Kentucky Atlas and Gazetteer, Laurel County  
quikfacts.com/gov/ids/laurel/21125.html U.S. census data  
kgweb.uky.edu/download/kgsp/laurel.htm Planning information from the Kentucky Geological Survey

**7.5-Minute Quadrangle Map Index**



Learn more about Kentucky geology at [www.uky.edu/KGS/geoly/](http://www.uky.edu/KGS/geoly/)

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