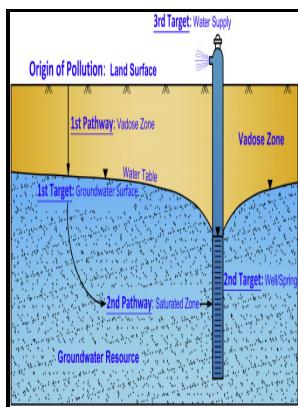


# Kentucky ground-water quality

Dept. of the Interior, U.S. Geological Survey - Quality in Kentucky: by R. Stephen Fisher and Bart Davidson



Description: -

- Unemployment -- Bibliography.  
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Water quality -- Kentucky.  
Groundwater -- Kentucky -- Quality.Kentucky ground-water quality

- 10

Szakbibliográfiák,  
U.S. Geological Survey open-file report -- 87-727.Kentucky  
ground-water quality

Notes: Includes bibliographical references (p. 4-5).

This edition was published in 1987



Filesize: 34.74 MB

Tags: #Kentucky #Updating #Water #Quality #Standards

## Interactive map of groundwater quality in Kentucky

Statistical analysis of the groundwater quality data indicates that the variance of the concentrations of fluoride and chloride may be attributed to the site type. So, yes, big particles are filtered out by the ground, along with some. Download the latest version of, free of charge.

## Geohydrology and ground

The principal water-bearing rocks in Kentucky were combined into 10 major groups to aid in data summary preparation and general description of the ground-water quality of the State. The model integrates nitrogen inputs and aquifer vulnerability by use of Geographic Information System GIS technology.

## Kentucky Updating Water Quality Standards

What is in that water that you just drank? Kentucky has among the most miles of running water of any state in the country. The physical properties of an , such as thickness, rock or sediment type, and location, play a large part in determining whether contaminants from the land surface will reach the groundwater.

## Groundwater

Even though the ground is an excellent mechanism for filtering out particulate matter, such as leaves, soil, and bugs, dissolved chemicals and gases can still occur in large enough concentrations in groundwater to cause problems. Preparation of quadrilateral diagrams revealed three principal geochemical processes in the aquifers of Kentucky: 1 mixing of freshwater and saline water in an interface zone; 2 dedolomitization of the Devonian and Silurian and Lower Mississippian carbonate rocks; 3 sodium for calcium exchange in the freshwater sections of many of the sandstone-shale aquifers. In deep, slow-moving systems that lack oxygen, manganese remains in solution.

## Geohydrology and ground

Is it just hydrogen and oxygen atoms? Lantz-PTT Publication type Report Publication Subtype USGS Numbered Series Title Geohydrology and ground-water quality at selected sites in Meade County, Kentucky, 1987-88 Series title Water-Resources Investigations Report Series number 89-4108 DOI 10. Percentages range from 1 percent in Puerto Rico to 44 percent in Maine, with the National average being 14 percent. The fluoride content was significantly higher in water from wells than in water from springs.

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