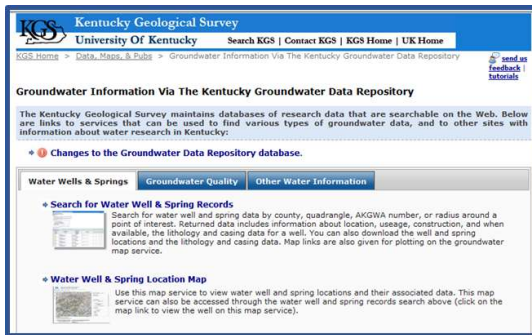


# Kentucky Groundwater Data Repository

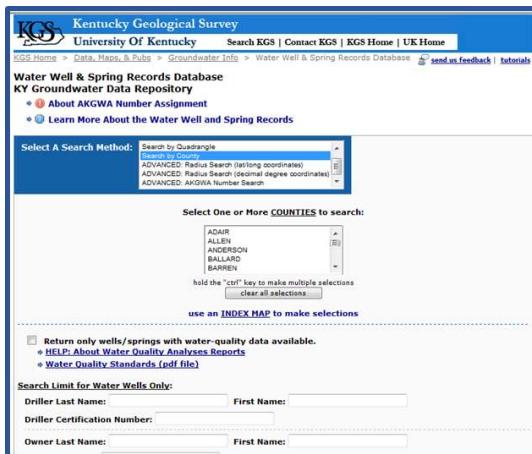
*The Kentucky Groundwater Data Repository was initiated in 1990 by the Kentucky Geological Survey under mandate from the Kentucky legislature (KRS 151:035). The repository was established to archive and disseminate groundwater data collected by State agencies, other organizations, and independent researchers.*

The repository database currently contains information on more than 92,000 water wells and 5,100 springs, and also 58,000 suites of water-quality analyses (millions of individual analyte results). The water-well data include information such as location, usage, total depth, static water level, casing, and lithology (not available for all wells).

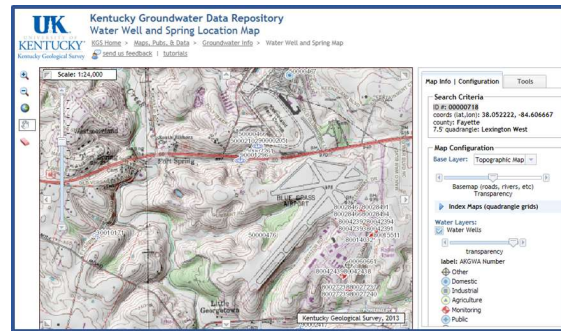
The repository website is [kgs.uky.edu/kgsweb/DataSearching/watersearch.asp](http://kgs.uky.edu/kgsweb/DataSearching/watersearch.asp).



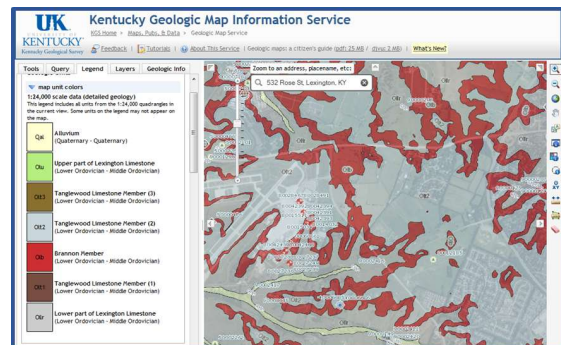
The default tab is “Water Wells & Springs,” but you can also select “Groundwater Quality” to locate sampled water wells and springs or “Other Water Information” for general information, including research currently being conducted by the Water Resources Section of the Survey. The water well and spring search engine is accessed via the first link under the default tab. The front page of this search engine is shown below:



You can select several search methods: by county, 7.5-minute quadrangle, radius search from a known location (latitude/longitude), or inputting a known well identification number. The resulting table will show relevant data for the wells or springs located from the search, including scanned drillers’ logs where available. In addition, by selecting the “groundwater map service” link, you can plot the wells and springs on a topographic or aerial photography base map. An example of this feature (with topo graphic base) is shown below:



From the search results table, you can also select the online geologic map service to determine the geology of the site. The same search area is displayed showing geologic contacts, which can be individually selected and additional detailed geologic information will be displayed.



Many other layers can be turned on with the geologic map service, such as geologic faults, coal beds, karst potential, water wells and springs, sinkholes, oil and gas wells, landslide data, and quarries.