

U.S. Geological Survey Kentucky District

Hydrologic Workshop
October 29, 2003

NWISWeb

“Accessing 100 years of water data”



USGS

science for a changing world



NWISWeb

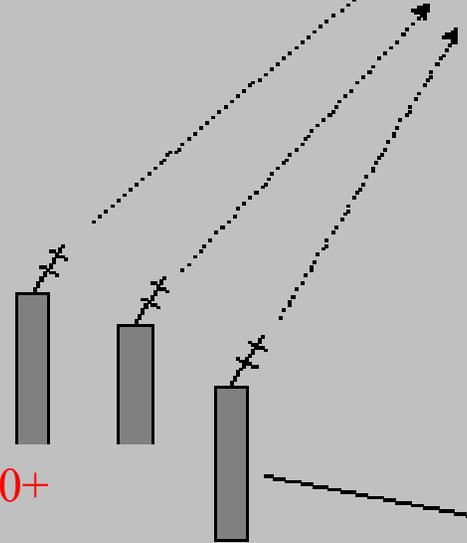
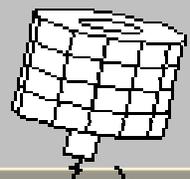
- ❑ **National Water Information System**
- ❑ **<http://waterdata.usgs.gov/nwis/>**
- ❑ **Current and historical water data from more than 1.5 million sites across the nation**
- ❑ **Access to several hundred million pieces of historical and real-time data**
- ❑ **Data on Web available since 1994, many different sites**
- ❑ **NWISWeb – one national database available at one web site**

NWISWeb

- ❑ Available data consist of: Surface-water, Ground-water, and Water Quality data from both surface water and ground water
- ❑ Real-time data are transmitted by modem or satellite every 1-4 hours
- ❑ Data are processed and made available within minutes to the WEB
- ❑ Most real-time data receive little or no review
- ❑ Data users are cautioned as to the **PROVISIONAL** nature of the data

GOES

DOMSAT



12,000+
Hydrologic
Stations
(DCPs)

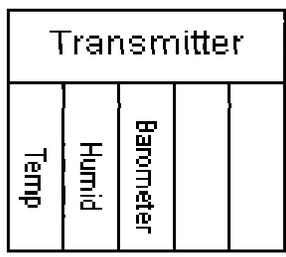
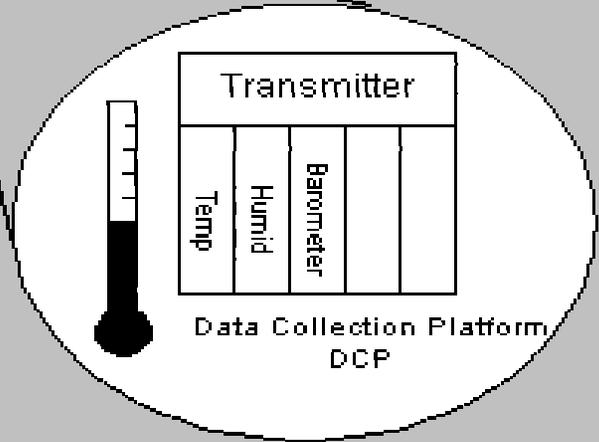


DAPS

Wallops Island - LRGS



300+
DRGS



Data Collection Platform
DCP

NWISWeb Data for the Nation

Data Category

Real-time

Current-conditions data transmitted from selected surface-water, ground-water, and water-quality sites

Site information

Descriptive site information for all sites with links to all available water data for individual sites.

Surface water

Water flow and levels in streams, lakes, and springs.

Ground water

Water levels in wells.

Water quality

Chemical and physical data for streams, lakes, springs, and wells.

Introduction

These pages provide access to water-resources data collected at approximately 1.5 million sites in all 50 States, the District of Columbia, and Puerto Rico. Online access to this data is organized around the categories listed to the left.

The USGS investigates the occurrence, quantity, quality, distribution, and movement of surface and underground waters and disseminates the data to the public, State and local governments, public and private utilities, and other Federal agencies involved with managing our water resources.

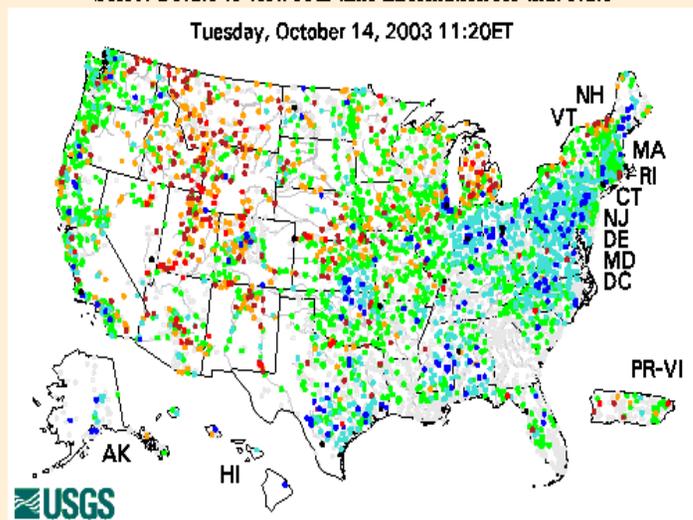
[About Us](#)[Help](#)[Tutorial](#)

Real-Time Data for the Nation

--- Predefined displays ---	Group table by	Select sites by number or name
Introduction	- no grouping -	<input type="text"/>
		GO

Daily Streamflow Conditions

Select a state to view real-time information for that state



Explanation

- New record high for day
 - ≥ 90 th percentile
 - 75th - 89th percentile
 - 25th - 74th percentile
 - 10th - 24th percentile
 - < 10 th percentile
 - New record low for day
 - Not ranked
- The colored dots on this map depict streamflow conditions as a **percentile**, which is computed from the period of record for the current day of the year. Only stations with at least 30 years of record are used.
- The **gray circles** indicate other stations that were not ranked in percentiles either because they have fewer than 30 years of record or because they report parameters other than streamflow. Some stations, for example, measure stage only.

Real-time data typically are recorded at 15-60 minute intervals, stored onsite, and then transmitted to USGS offices every 4 hours. Recording and transmission times may be more frequent during critical events. Data from real-time sites are relayed to USGS offices via satellite, telephone, and/or radio and are available for viewing within 3 minutes of arrival.

All real-time data are [provisional and subject to revision](#).

Build Table	Build a custom summary table for one or more stations.
Build Sequence	Build a custom sequence of graphical or tabular data for one or more stations.

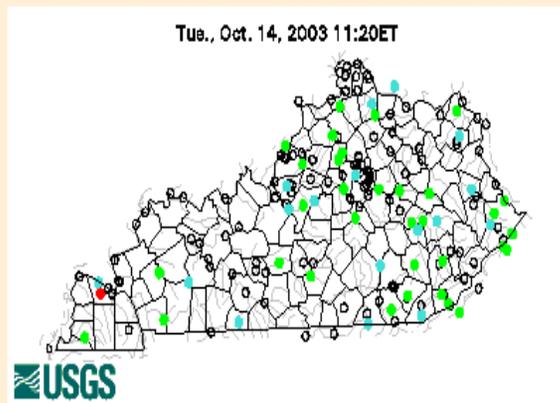
Access to a [backup real-time system](http://ky.waterdata.usgs.gov/nwis/current/?type=flow) is available at <http://ky.waterdata.usgs.gov/nwis/current/?type=flow>.

Real-Time Data for Kentucky

--- Predefined displays ---	Group table by	Select sites by number or name
Introduction	- no grouping -	<input type="text"/> GO

Daily Streamflow Conditions

Select a site to retrieve data and station information.



Explanation

- New record high for day
- ≥ 90th percentile
- 75th - 89th percentile
- 25th - 74th percentile
- 10th - 24th percentile
- < 10th percentile
- New record low for day
- Not ranked

The colored dots on this map depict streamflow conditions as a [percentile](#), which is computed from the period of record for the current day of the year. Only stations with at least 30 years of record are used.

The **gray circles** indicate other stations that were not ranked in percentiles either because they have fewer than 30 years of record or because they report parameters other than streamflow. Some stations, for example, measure stage only.

Statewide Streamflow Table

Real-time data typically are recorded at 15-60 minute intervals, stored onsite, and then transmitted to USGS offices every 1 to 4 hours, depending on the data relay technique used. Recording and transmission times may be more frequent during critical events. Data from real-time sites are relayed to USGS offices via satellite, telephone, and/or radio and are available for viewing within minutes of arrival.

All real-time data are [provisional and subject to revision](#).

Build Table	Build a custom summary table for one or more stations.
Build Sequence	Build a custom sequence of graphical or tabular data for one or more stations.



Access to a [backup real-time system](http://ky.waterdata.usgs.gov/nwis/current/?type=flow) is available at <http://ky.waterdata.usgs.gov/nwis/current/?type=flow>.

Real-Time Data for Kentucky: Streamflow -- 157 site(s) found

PROVISIONAL DATA SUBJECT TO REVISION

Updated 2003-10-14 14:17:11 US/Eastern

--- Predefined displays ---	Group table by	Select sites by number or name
Kentucky Streamflow Table	Major River Basin	<input type="text"/> GO

Station number	Station name	Date/time	Gage height, feet	Stream-flow (ft ³ /s)	Long-term mean flow 10/14
● Ohio River Mainstem					
03216000	OHIO RIVER AT ASHLAND, KY	10/14 11:00	34.21	--	---
03216600	OHIO RIVER AT GREENUP DAM NEAR GREENUP, KY	10/14 12:00	14.07	--	38,090
03217200	OHIO RIVER AT PORTSMOUTH, OH	10/14 12:00	17.55	--	---
03238000	OHIO RIVER AT MAYSVILLE, KY	10/14 11:00	33.42	--	---
03255000	OHIO RIVER AT CINCINNATI, OH	10/14 11:00	26.59	--	---
03277200	OHIO RIVER AT MARKLAND DAM NEAR WARSAW, KY	10/14 11:00	14.79	--	46,880
03293548	OHIO RIVER AT 2ND STREET BRIDGE AT LOUISVILLE, KY	10/14 11:00	12.61	--	---
03294500	OHIO RIVER AT LOUISVILLE, KY	10/14 11:00	12.99	--	33,170
03294600	OHIO RIVER AT KOSMOSDALE, KY	10/14 11:00	11.54	--	---
03303280	OHIO RIVER AT CANNELTON DAM AT CANNELTON, IN	10/14 10:00	12.03	--	58,840
03304300	OHIO RIVER AT NEWBURGH LOCK AND DAM, IN	10/14 10:00	14.37	--	---
03322000	OHIO RIVER AT EVANSVILLE, IN	10/14 10:00	14.36	--	---
03322420	OHIO RIVER AT UNIONTOWN DAM, KY	10/14 11:00	14.32	--	43,540
03384500	OHIO RIVER AT DAM 51 AT GOLCONDA, IL	10/14 10:00	29.41	--	---
03399800	OHIO RIVER AT SMITHLAND DAM, SMITHLAND, KY	10/14 10:00	12.17	--	48,200
03611000	OHIO RIVER AT PADUCAH, KY	10/14 10:00	15.50	--	---
03611500	OHIO RIVER AT METROPOLIS, IL	10/14 11:00	18.07	--	98,770
		10/14 10:00	--	154,000	98,770
03619500	OHIO RIVER AT DAM 63 NEAR GRAND GUARDIAN, IL	10/14 10:00	12.50	--	---

USGS 03284000 KENTUCKY RIVER AT LOCK 10 NEAR WINCHESTER, KY

PROVISIONAL DATA SUBJECT TO REVISION

Available data for this site

Real-time

GO

This site is operated in cooperation with the



United States Army Corps of Engineers - Louisville District

and in cooperation with the



Kentucky River Authority

Available Parameters

All 4 parameters available at this site ▲

00065 Gage height (DD 02)

00045 Precipitation (DD 03)

00060 Discharge (DD 06) ▼

Output format

Graph ▼

Days

7

(1-31)

get data

Available Parameters

- All 4 parameters available at this site ▲
- 00065 Gage height (DD 02)
- 00045 Precipitation (DD 03)
- 00060 Discharge (DD 06) ▼

Output format

Graph ▼

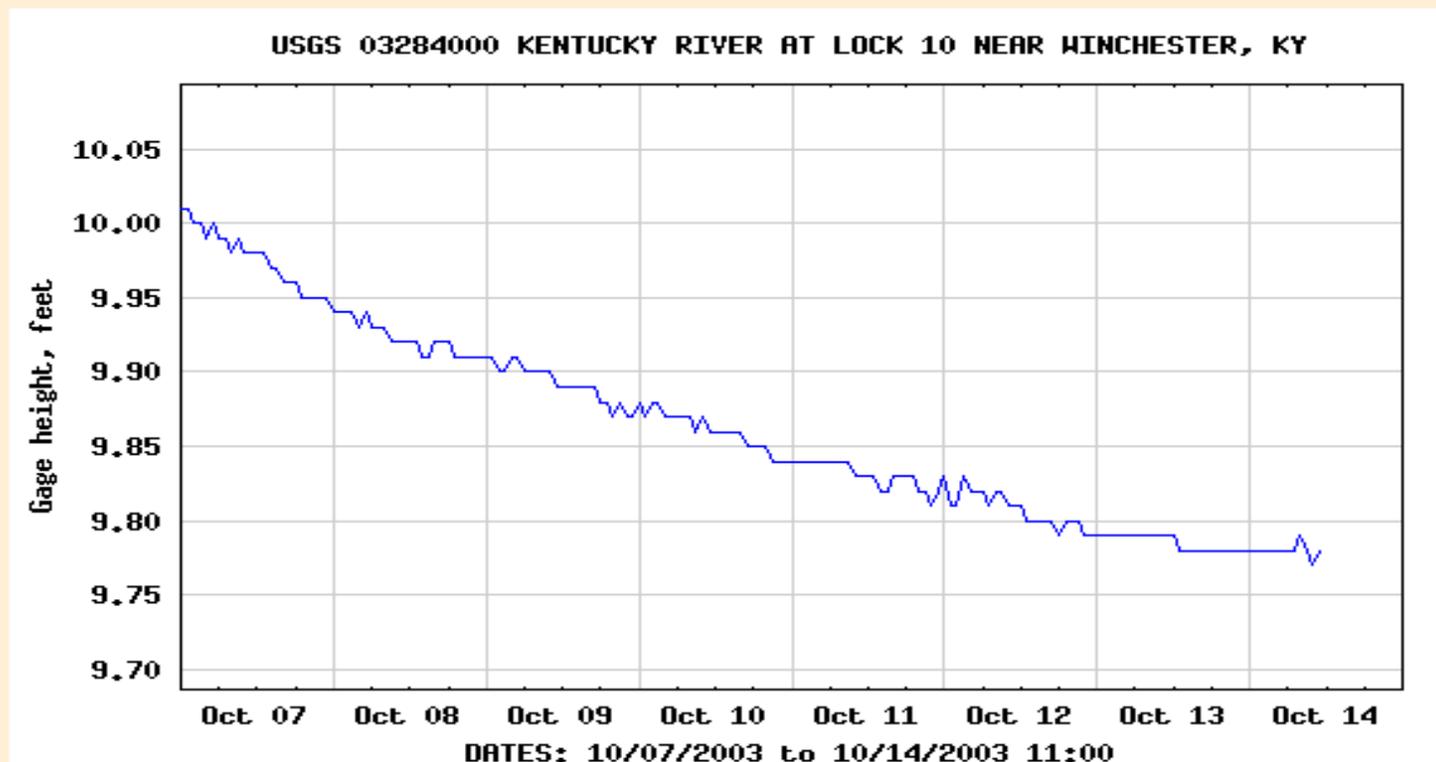
Days

7
(1-31)

get data

Gage height, feet

Most recent value: 9.78 10-14-2003 11:00



Download a [presentation-quality graph](#)

Parameter Code 00065; DD 02

Available Parameters

All 4 parameters available at this site
00065 Gage height (DD 02)
00045 Precipitation (DD 03)
00060 Discharge (DD 06)

Output format

Graph

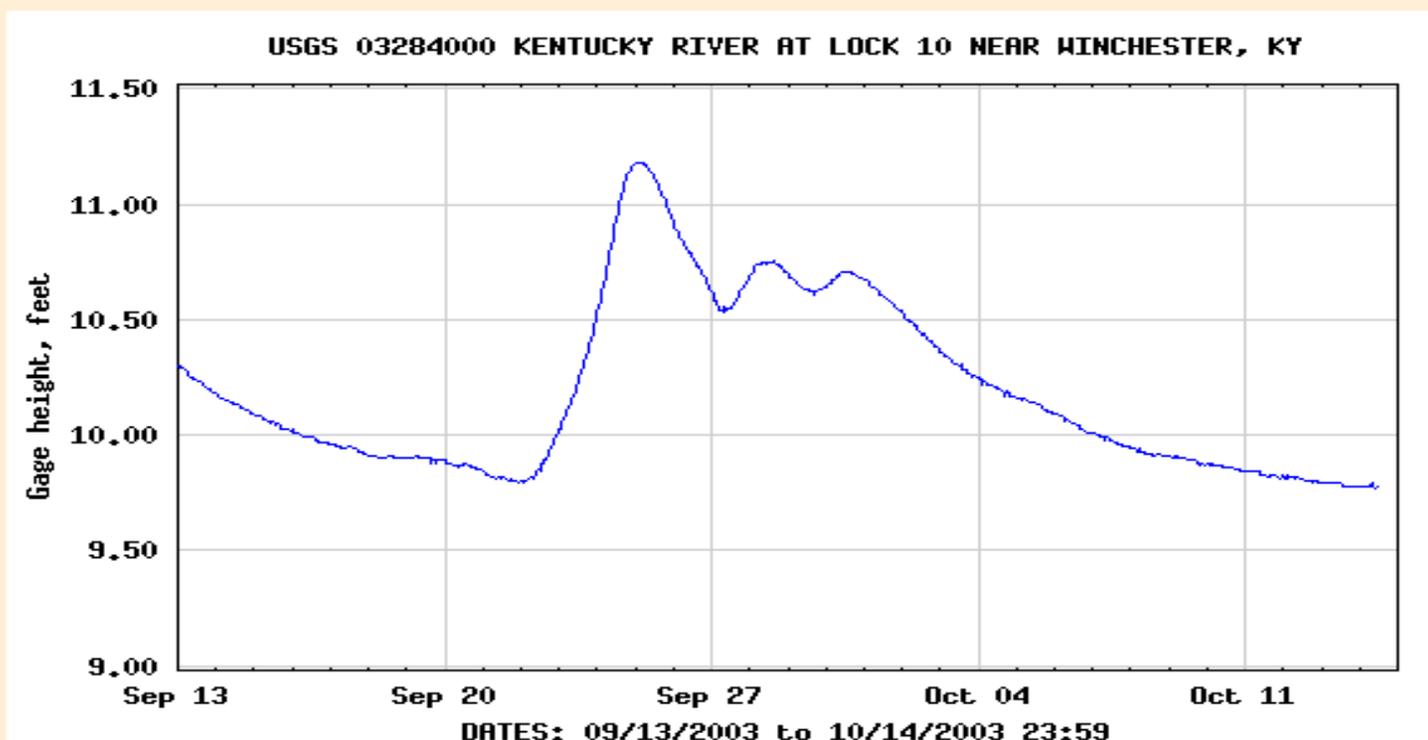
Days

31
(1-31)

get data

Gage height, feet

Most recent value: 9.78 10-14-2003 11:00

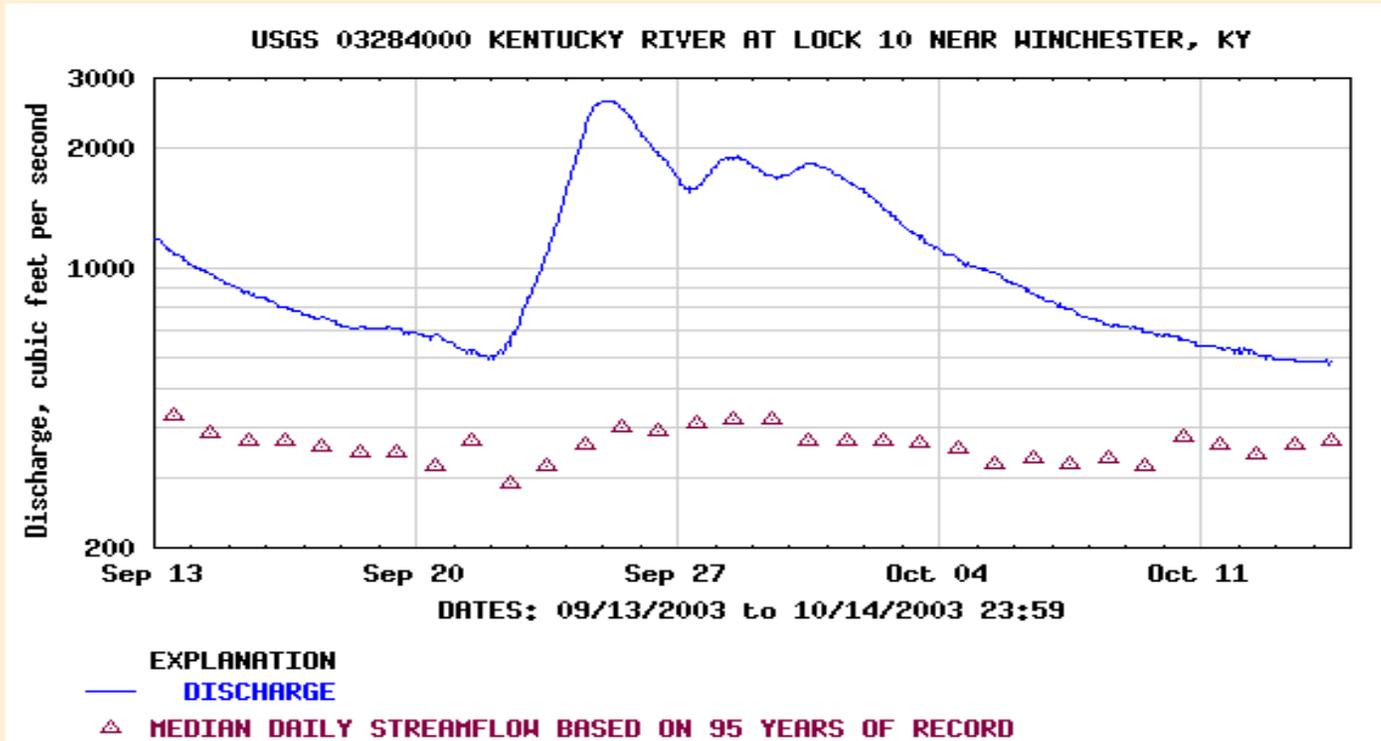


Download a [presentation-quality graph](#)

Parameter Code 00065; DD 02

Discharge, cubic feet per second

Most recent value: 584 10-14-2003 11:00



Download a [presentation-quality graph](#)

Parameter Code 00060; DD 06

Daily mean flow statistics for 10/14 based on 95 years of record in ft³/sec

Current Flow	Minimum	Mean	Maximum	80 percent exceedance	50 percent exceedance	20 percent exceedance
584	15	722	7,300	150	370	1,023

Percent exceedance means that 80, 50, or 20 percent of all daily mean flows for 10/14 have been greater than the value shown.

NWISWeb Data for the Nation

Data Category

Real-time

Current-conditions data transmitted from selected surface-water, ground-water, and water-quality sites

Site information

Descriptive site information for all sites with links to all available water data for individual sites.

Surface water

Water flow and levels in streams, lakes, and springs.

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[About Us](#)

[Help](#)

[Tutorial](#)



USGS Internal Access

[Water Resources](#)

Data Category:

Site Information

Geographic Area:

Kentucky

GO

Site Inventory for Kentucky

Site Selection Criteria

Choose one or more criteria to use for selecting sites:

Site	Site	Site	Data
-- Location --	-- Identifier --	-- Attribute --	-- Attribute --
<input type="checkbox"/> County	<input type="checkbox"/> Site Name	<input type="checkbox"/> Site type	<input type="checkbox"/> Update time
<input type="checkbox"/> Hydrologic Unit	<input type="checkbox"/> Site Number	<input type="checkbox"/> Altitude	
<input type="checkbox"/> Lat-Long box	<input type="checkbox"/> Multiple Site Numbers	<input type="checkbox"/> Drainage area	
	<input type="checkbox"/> Agency Code	<input type="checkbox"/> Data type	
	<input type="checkbox"/> File of Site Numbers	<input type="checkbox"/> Well depth	
		<input type="checkbox"/> Hole depth	
		<input type="checkbox"/> Aquifer (by code)	
		<input type="checkbox"/> Aquifer (by name)	

Submit

Reset

USGS 03284000 KENTUCKY RIVER AT LOCK 10 NEAR WINCHESTER, KY

Available data for this site

Station home page

GO

Station Description

LOCATION

Latitude 37°53'41", Longitude 84°15'44" NAD27,
Madison County, Kentucky , Hydrologic Unit 05100205

DRAINAGE AREA

3,955. square miles

GAGE

Datum of gage is 557.37 feet above sea level NGVD29.

STATION TYPE:

Surface Water

STATION DATA:

Data Type	Begin Date	End Date	Count
Real-time	This is a real-time site		
Peak streamflow	1908-04-03	2001-02-18	94
Daily streamflow	1907-10-01	2002-09-30	34699
Water Quality Samples	1970-10-08	1995-07-11	156

SITE OPERATION:

Site is located in Kentucky, record is maintained by Kentucky

CONTACT INFORMATION

Email questions about this station to gs-w-ky_NWISWeb_Data_Inquiries@usgs.gov

Surface-Water Data for Kentucky

Real-time

Data for selected sites recorded at 5-60 min interval-- may include surface-water, ground-water, water-quality, and meteorological parameters.

Recent

Provisional daily data for the previous 18 months--includes published streamflow.

Streamflow

Daily streamflow data for the period of record at each site.

Statistics

Daily

Monthly

Annual

Computed from published daily data.

Peaks

Annual maximum instantaneous peak streamflow and gage height

Measurements

Field measurements of streamflow and gage height

Ratings

Rating information that describes Gage Height and streamflow for real-time sites. (Internal 1)

Tutorial

Tutorial explaining how to perform a surface water retrieval and understand the results

Introduction

Nationally, USGS surface-water data includes more than 850,000 station years of time-series data that describe stream levels, streamflow (discharge), reservoir and lake levels, surface-water quality, and rainfall. The data are collected by automatic recorders and manual [measurements](#) at field installations across the Nation.

Data are collected by field personnel or relayed through telephones or satellites to offices where it is stored and processed. The data relayed through the Geostationary Operational Environmental Satellite (GOES) system are processed automatically in near real time, and in many cases, [real-time data](#) are available online within minutes.

Once a complete day of readings are received from a site, daily summary data are generated and stored in the data base. [Recent provisional daily data](#) are updated on the web once a day when the computation is completed.

Annually, the USGS finalizes and publishes the daily data in a series of water-data reports. [Daily streamflow data](#) and [peak data](#) are updated annually following publication of the reports.

Daily Data for Kentucky

Select Sites

Select sites which meet all of the following criteria: ---- or select [new criteria](#)

Site Number -- enter a full or partial site ID (*optional*)

exact match match from the start match any part

Available parameters -- select sites that have data for the following parameters:

Enter numbers to choose parameters and order columns in the output or Select all.

Gage height, ft (162 sites)

Stream velocity, ft/s (1 sites)

Dissolved oxygen, %saturation (8 sites)

Streamflow, ft³/s (88 sites)

Gate opening height, ft (11 sites)

pH, standard units (16 sites)

Water temperature, °C (26 sites)

Turbidity, NTU (9 sites)

DCP battery voltage, V (167 sites)

Water temperature, °F (2 sites)

Specific conductance, µS/cm (16 sites)

Depth below land surface, ft (1 sites)

Precipitation, in (94 sites)

Dissolved oxygen, mg/L (16 sites)

Choose Output Format

Display Summary of Selected Sites

Choose one of the following options for displaying descriptions of the sites meeting the criteria above:

- ? Table of sites sorted by grouped by
- ? Scroll list of sites -- allows selection of data for multiple sites
- ? Brief descriptions -- allows selection of data for multiple sites
- ? Site-description information displayed in

Select fields to include in site-description output

Latitude-longitude datum	▲
Decimal Latitude-longitude datum	▬
District code	▬
State code	▬
County code	▬
Country code	▾

- ? Save file of selected sites to local disk for future upload
- ? *Raw NWISWeb sitefile review (internal)*

Retrieve Daily Data for Selected Sites

Choose one of the following options for displaying data for the sites meeting the criteria above:

? Retrieve data for the previous days (1 - 730) **** OR **** for the date range:

First date: Last date: (2001-10-14 through 2003-10-13)

- ? Graphs of data
- ? Table of data fixed-width text format
- ? Tab-separated data
- ? *Raw NWISWeb rdb format (internal)*

Submit

Reset

Help

Date	Gage height, feet Mean (02_00065)	Stream- flow (ft ³ /s) Mean (06_00060)	Precip- itation total, inches Sum (03_00045)
06/16/2003	17.42	23,900	.19
06/17/2003	18.09	27,400	.20
06/18/2003	17.79	25,700	.01
06/19/2003	17.99	26,800	.00
06/20/2003	17.88	26,200	.01
06/21/2003	16.75	20,700	.00
06/22/2003	15.06	13,500	.00
06/23/2003	14.11	10,200	.00
06/24/2003	13.57	8,400	.00
06/25/2003	13.10	7,020	.00
06/26/2003	12.02	4,340	.04
06/27/2003	11.34	2,920	.03
06/28/2003	11.04	2,410	.00
06/29/2003	10.89	2,150	.00
06/30/2003	10.80	1,990	.00
07/01/2003	10.69	1,800	.02
07/02/2003	10.60	1,660	.00
07/03/2003	10.60	1,660	.00
07/04/2003	10.51	1,540	.00
07/05/2003	10.38	1,310	.00
07/06/2003	10.30	1,190	.48
07/07/2003	10.33	1,230	.00
07/08/2003	10.24	1,110	.00
07/09/2003	10.26	1,140	.24
07/10/2003	10.77	1,970	.43
07/11/2003	11.33	2,890	.01
07/12/2003	12.31	5,000	.00
07/13/2003	12.69	5,900	.00
07/14/2003	12.44	5,270	.00
07/15/2003	12.03	4,350	.00
07/16/2003	12.03	4,360	1.18
07/17/2003	11.17	2,640	.00
07/18/2003	10.83	2,030	.00
07/19/2003	10.58	1,630	.00
07/20/2003	10.40	1,350	.00
07/21/2003	10.27	1,150	.07
07/22/2003	10.15	986	.00
07/23/2003	10.14	981	.00
07/24/2003	10.40	1,360	.00

Surface-Water Data for Kentucky

Real-time

Data for selected sites recorded at 5-60 min interval-- may include surface-water, ground-water, water-quality, and meteorological parameters.

Recent

Provisional daily data for the previous 18 months--includes published streamflow.

Streamflow

Daily streamflow data for the period of record at each site.

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Annually, the USGS finalizes and publishes the daily data in a series of water-data reports. [Daily streamflow data](#) and [peak data](#) are updated annually following publication of the reports.

Daily Streamflow for Kentucky

Select Sites

Select sites which meet all of the following criteria: ---- or select [new criteria](#)

Site Number -- enter a full or partial site ID (*optional*)

exact match match from the start match any part

Choose Output Format

Display Summary of Selected Sites

Choose one of the following options for displaying descriptions of the sites meeting the criteria above:

- Table of sites sorted by grouped by
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- Brief descriptions -- allows selection of data for multiple sites
- Site-description information displayed in

Select fields to include in site-description output

Agency	<input type="checkbox"/>
Site identification number	<input type="checkbox"/>
Site name	<input type="checkbox"/>
DMS latitude	<input type="checkbox"/>
DMS longitude	<input type="checkbox"/>
Decimal latitude	<input type="checkbox"/>

- Save file of selected sites to local disk for future upload
- Raw NWISWeb sitefile review (internal)*

Daily Streamflow for Kentucky

USGS 03284000 KENTUCKY RIVER AT LOCK 10 NEAR WINCHESTER, KY

Available data for this site

Surface-water: Daily streamflow

GO

Madison County, Kentucky

Hydrologic Unit Code 05100205

Latitude 37°53'41", Longitude 84°15'44" NAD27

Drainage area 3,955 square miles

Gage datum 557.37 feet above sea level NGVD29

Period of record

From	To	Count
1907-10-01	2002-09-30	34699

Choose Output Format

Retrieve Daily streamflow data for Selected Sites

Choose one of the following options for displaying data for the sites meeting the criteria above:

Retrieve data from: 1997-01-01 to: 2002-09-30 (YYYY-MM-DD -- Blank = all data)

Graphs of data log scale

Tab-separated data YYYY-MM-DD Save to file

Submit

Reset

Help

Daily Streamflow for Kentucky

USGS 03284000 KENTUCKY RIVER AT LOCK 10 NEAR WINCHESTER, KY

Available data for this site

Surface-water: Daily streamflow

GO

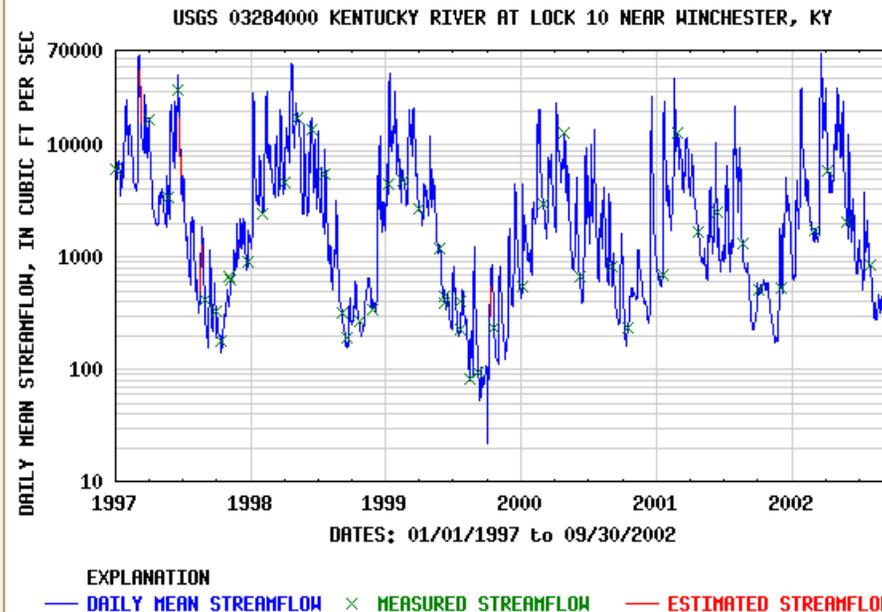
Madison County, Kentucky
Hydrologic Unit Code 05100205
Latitude 37°53'41", Longitude 84°15'44" NAD27
Drainage area 3,955. square miles
Gage datum 557.37 feet above sea level NGVD29

Output formats

[Tab-separated data file](#)

[Graph](#)

[Reselect output format](#)



[Download a presentation-quality graph](#)

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Peak Streamflow for Kentucky

Site Selection Criteria

Choose one or more criteria to use for selecting sites:

Site -- Location --	Site -- Identifier --	Site -- Attribute --	Data -- Attribute --
<input type="checkbox"/> ? County	<input type="checkbox"/> ? Site Name	<input type="checkbox"/> ? Altitude	<input type="checkbox"/> ? Number of observations
<input type="checkbox"/> ? Hydrologic Unit	<input checked="" type="checkbox"/> ? Site Number	<input type="checkbox"/> ? Drainage area	<input type="checkbox"/> ? Period of record
<input type="checkbox"/> ? Lat-Long box	<input type="checkbox"/> ? Multiple Site Numbers		
	<input type="checkbox"/> ? Agency Code		
	<input type="checkbox"/> ? File of Site Numbers		

Submit

Reset

Peak Streamflow for Kentucky

Select Sites

Select sites which meet all of the following criteria: ---- or select [new criteria](#)

Site Number -- enter a full or partial site ID (*optional*)

exact match match from the start match any part

Choose Output Format

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Agency	<input type="checkbox"/>
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Site name	<input type="checkbox"/>
DMS latitude	<input type="checkbox"/>
DMS longitude	<input type="checkbox"/>
Decimal latitude	<input type="checkbox"/>

- Save file of selected sites to local disk for future upload
- Raw NWISWeb sitefile review (*internal*)

Retrieve Published peak streamflow data for Selected Sites

Choose one of the following options for displaying data for the sites meeting the criteria above:

Retrieve data from: to: (YYYY-MM-DD -- **Blank = all data**)

- Graphs of data
- Table of data fixed-width text format
- Tab-separated data
- WATSTORE standard format data

Submit

Reset

Help

Peak Streamflow for Kentucky

USGS 03284000 KENTUCKY RIVER AT LOCK 10 NEAR WINCHESTER, KY

Available data for this site

Station home page

GO

Madison County, Kentucky
Hydrologic Unit Code 05100205
Latitude 37°53'41", Longitude 84°15'44" NAD27
Drainage area 3,955. square miles
Gage datum 557.37 feet above sea level NGVD29

Output formats

[Table](#)

[Graph](#)

[Tab-separated file](#)

[WATSTORE formatted file](#)

[Reselect output format](#)

Water Year	Date	Gage Height (feet)	Stream-flow (cfs)
1908	Apr. 03, 1908	26.90	67,000
1909	Feb. 25, 1909	21.90	51,000
1910	Feb. 19, 1910	19.60	37,600
1911	Apr. 04, 1911	22.40	53,500
1912	Apr. 04, 1912	25.30	61,400
1913	Mar. 28, 1913	35.10	84,600
1914	Apr. 01, 1914	20.00	40,000
1915	Feb. 02, 1915	20.40	42,400
1916	Dec. 20, 1915	33.60	85,600
1917	Jan. 07, 1917	26.60	64,800
1918	Jan. 30, 1918	31.70	81,300
1919	Jan. 03, 1919	27.10	65,600
1920	Jan. 25, 1920	31.70	79,100
1921	Apr. 18, 1921	18.60	31,600
1922	Feb. 22, 1922	27.10	66,000
1923	Feb. 05, 1923	28.60	70,600

Water Year	Date	Gage Height (feet)	Stream-flow (cfs)
1955	Mar. 03, 1955	29.90	74,000
1956	Feb. 20, 1956	26.20	64,000
1957	Feb. 01, 1957	33.65	85,400
1958	May 10, 1958	23.40	57,900
1959	Jan. 24, 1959	19.30	38,200
1960	Jun. 24, 1960	19.50	39,600
1961	May 08, 1961	18.85	35,000 ⁶
1962	Mar. 01, 1962	36.07	91,500 ⁶
1963	Mar. 15, 1963	24.78	62,000 ⁶
1964	Mar. 09, 1964	22.90	54,100 ⁶
1965	Mar. 28, 1965	21.93	53,200 ⁶
1966	Feb. 15, 1966	18.65	33,700 ⁶
1967	Mar. 08, 1967	25.70	61,600 ⁶
1968	Mar. 14, 1968	21.70	52,200 ⁶
1969	Jan. 22, 1969	17.40	26,200 ⁶



USGS Internal Access

[Water Resources](#)

Data Category:

Surface Water

Geographic Area:

Kentucky

GO

Streamflow Measurements for Kentucky

Many sites have over several hundred measurements and may take a while to display in the browser.

Site Selection Criteria

Choose one or more criteria to use for selecting sites:

Site	Site	Site	Data
-- Location --	-- Identifier --	-- Attribute --	-- Attribute --
<input type="checkbox"/> ? County	<input type="checkbox"/> ? Site Name	<input type="checkbox"/> ? Site type	<input type="checkbox"/> ? Number of observations
<input type="checkbox"/> ? Hydrologic Unit	<input type="checkbox"/> ? Site Number	<input type="checkbox"/> ? Drainage area	<input type="checkbox"/> ? Period of record
<input type="checkbox"/> ? Lat-Long box	<input type="checkbox"/> ? Multiple Site Numbers		
	<input type="checkbox"/> ? Agency Code		
	<input type="checkbox"/> ? File of Site Numbers		

Submit

Reset

Streamflow Measurements for Kentucky

Many sites have over several hundred measurements and may take a while to display in the browser.

Select Sites

Select sites which meet all of the following criteria: ---- or select [new criteria](#)

Site Number -- enter a full or partial site ID (*optional*)

exact match match from the start match any part

Choose Output Format

Display Summary of Selected Sites

Choose one of the following options for displaying descriptions of the sites meeting the criteria above:

- Table of sites sorted by grouped by
- Scroll list of sites -- allows selection of data for multiple sites
- Brief descriptions -- allows selection of data for multiple sites
- Site-description information displayed in

Select fields to include in site-description output

Agency
Site identification number
Site name
DMS latitude
DMS longitude
Decimal latitude

- Save file of selected sites to local disk for future upload
- Raw NWISWeb sitefile review (*internal*)

Retrieve Streamflow measurement data for Selected Sites

Choose one of the following options for displaying data for the sites meeting the criteria above:

- Retrieve data from: to: (YYYY-MM-DD -- **Blank = all data**)
- Graphs of data
- Tab-separated data

Submit

Reset

Help

```

#
# Surface water measurements
#
# Further descriptions of the columns and codes used can be found at:
# http://waterdata.usgs.gov/nwis/help?output\_formats\_help#streamflow\_measurement\_data
#
# Stations in this file include:
# USGS 03284000 KENTUCKY RIVER AT LOCK 10 NEAR WINCHESTER, KY
#
#

```

site_no	agency_cd	measurement_nu	measurement_dt	party_nm	channel_width_va	xsec_area_va	velocity_va							
15s	5s	5s	19d	12s	12s	12s	12s	12s	12s	6s	12s	2s	6s	6s
03284000	USGS	584	2000-01-03	14:00:00	REP/FDB		0.00	9.77	9.77	542	-0.03	P		
03284000	USGS	585	2000-02-29	10:27:00	REP/AKD	4960	0.60	11.32		2950	0.00	F		
03284000	USGS	586	2000-04-26	16:44:00	REP/AKD	6440	1.97	14.80		12700	0.00	G		
03284000	USGS	587	2000-06-06	12:20:00	REP/PJD	4340	0.17	9.84		680	+0.04	F		
03284000	USGS	588	2000-08-31	09:52:00	GKM/REP	4220	0.19	10.05		816	-0.04	F		
03284000	USGS	589	2000-10-16	14:00:00	REP/CRW	3970	0.06	9.51		237	-0.12	F		
03284000	USGS	590	2001-01-17	15:15:00	REP/AKD	3340	0.23	9.86		684	0.00	P		
03284000	USGS	591	2001-02-26	13:35:00	REP	6730	2.02	14.80		12900	0.00	G		
03284000	USGS	592	2001-04-23	12:02:00	REP/AKD	4580	0.36	10.58		1660	0.00	G		
03284000	USGS	593	2001-06-12	14:15:00	REP/AKD	4740	0.53	11.16		2520	0.00	G		
03284000	USGS	594	2001-08-20	13:51:00	REP	4620	0.29	10.27		1320	+0.09	F		
03284000	USGS	595	2001-10-05	09:23:00	REP/DWE	4150	0.12	9.83		508	-0.12	F		
03284000	USGS	596	2001-12-05	09:31:00	REP/AKD	1300	0.12	9.72		522	0.00	P		
03284000	USGS	597	2002-03-04	15:23:00	REP/AKD	4480	0.39	10.64		1760	0.00	P		
03284000	USGS	598	2002-04-08	12:50:00	REP/AKD	5570	1.07	12.60		5970	+0.11	F		
03284000	USGS	599	2002-05-29	13:13:00	REP/SBP	4440	0.46	10.82		2060	+0.02	G		
03284000	USGS	600	2002-07-30	14:18:00	REP/AKD	4330	0.20	9.96		859	+0.08	G		



USGS Internal Access

[Water Resources](#)

Data Category:

Surface Water

Geographic Area:

Kentucky

GO

Ratings for Kentucky

This server provides tables of currently active ratings, datums, and shift correction, and ratings curves for USGS stations in Kentucky.

Site Selection Criteria

Choose one or more criteria to use for selecting sites:

-
- | Site | Site | Site |
|------------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------|
| -- Location -- | -- Identifier -- | -- Attribute -- |
| <input type="checkbox"/> ? County | <input type="checkbox"/> ? Site Name | <input type="checkbox"/> ? Drainage area |
| <input type="checkbox"/> ? Hydrologic Unit | <input type="checkbox"/> ? Site Number | |
| | <input type="checkbox"/> ? Multiple Site Numbers | |
| | <input type="checkbox"/> ? File of Site Numbers | |

Submit

Reset

Ratings for Kentucky

USGS 03284000 KENTUCKY RIVER AT LOCK 10 NEAR WINCHESTER, KY

Available data for this site

Station home page

GO

Data Descriptor	02					
Parameter code	00065					
Rating Type	001					
Rating Number	6					
Updated	10/24/1990 07:49:14					
Updated by	DLMCCLAIN					
Rating dates	Start : 19891001 0001					
EXPS TYPE:	2					
OFFSET INFORMATION:	• OFFSET 1 5					
	Point	Gage Height	Discharge	Point	Gage Height	Discharge
	1	9.1	75	14	11.4	3200
	2	9.41	175	15	12	4400
	3	9.5	245	16	13	6900
	4	9.6	350	17	14	10300
	5	9.700001	470	18	15	14700
	6	9.799999	600	19	16	20000
	7	9.9	780	20	17	26500
	8	10	940	21	18	34000
	9	10.2	1300	22	19	40000
	10	10.4	1650	23	20	44500
	11	10.5	1825	24	21	48300
	12	10.7	2440	25	22	51500
	13	11	2550	26	40.2	115000

Water-Quality Data for Kentucky

Real-time

Real-time water-quality data are returned directly from field instruments. Instantaneous data are recorded at 5-minute to 1-hour intervals and uploaded to the data base every 4 hours.

Samples

Retrieve water-quality data from field and/or laboratory analysis of water, biological tissue, stream sediments, and other environmental samples.

Tutorial

Tutorial explaining how to perform a water quality retrieval and understand the results

Introduction

The USGS collects and analyzes chemical, physical, and biological properties of water, sediment and tissue samples from across the Nation. The NWISWeb [discrete sample](#) data base is a compilation of over 3.5 million historical water quality analyses in the USGS district data bases through September 2001. The discrete sample data is a large and complex set of data that has been collected by a variety of projects ranging from national programs to studies in small watersheds. Users should review the [help](#) notes and particularly the [Data retrieval precautions](#) before beginning any retrieval or analysis of data from this data set. Additions of more current data, modifications to ancillary information, and enhanced retrieval options to help users find and appropriately use the data they need are planned for a future release of NWISWeb.

At selected surface-water and ground-water sites, the USGS maintains instruments that continuously record physical and chemical characteristics of the water including pH, specific conductance, temperature, dissolved oxygen, and percent dissolved-oxygen saturation. Supporting data such as air temperature and barometric pressure are also available at some sites. At sites where this information is transmitted automatically, data are available from the [real-time data](#) system.

You may find additional water-quality data of interest in [EPA STORET](#).

Access to a [backup real-time system is available at http://ky.waterdata.usgs.gov/nwis/current/?type=flow](http://ky.waterdata.usgs.gov/nwis/current/?type=flow).

Real-Time Data for Kentucky: Water Quality -- 26 site(s) found

PROVISIONAL DATA SUBJECT TO REVISION

Updated 2003-10-15 14:27:43 US/Eastern

--- Predefined displays ---	Group table by	Select sites by number or name
Kentucky Water-Quality Table	Major River Basin	<input type="text"/> <input type="button" value="GO"/>

Station number	Station name	Date/time	Ph, water, unfltrd field, std units	Specif. conductance, wat us/cm 25 degc	Temperature, deg c	Dis-solved oxygen, mg/l	Dis-solved percent of saturation	Turbidity, ntu
● Licking River Basin								
03238745	TWELVEMILE CREEK AT HIGHWAY 1997 NR ALEXANDRIA, KY	10/15 11:30	8.0	575	13.0	6.8	65	74
03238772	FOURMILE CREEK AT POPLAR RIDGE RD NR ALEXANDRIA, KY	10/15 14:15	7.6	594	12.8	3.3	32	67
03249505	LICKING RIVER AUXILIARY AT FARMERS, KY	10/15 12:00	--	--	17.4	--	--	--
03254480	CRUISES CREEK AT HWY 17 NR PINER, KY	10/15 11:15	6.8	372	12.2	5.5	52	190
03254550	BANKLICK CREEK @ HIGHWAY 1829 NR ERLANGER, KY	10/15 11:00	8.2	576	11.8	5.6	52	28
03260100	ELIJAHS CREEK @ ELIJAHS CREEK RD NR HEBRON, KY	10/15 10:15	7.8	553	11.5	5.8	51	--
03262001	WOOLPER CREEK AT WOOLPER ROAD NEAR BURLINGTON, KY	10/15 11:15	7.5	374	12.2	9.7	82	250
03277075	GUNPOWDER CR AT CAMP ERNST RD NR UNION, KY	10/15 11:00	8.0	420	12.5	9.1	82	160
03277130	MUD LICK CR AT HWY 42 NR BEAVERLICK, KY	10/15 11:00	7.9	533	13.0	7.4	71	54
● Kentucky River Basin								
03277450	CARR FORK NEAR SASSAFRAS, KY	10/15 11:00	--	--	18.6	--	--	--
03287500	KENTUCKY RIVER AT LOCK 4 AT FRANKFORT, KY	10/15 12:30	7.6	332	19.0	7.0	--	--
● Green River Basin								
03306000	GREEN RIVER NEAR CAMPBELLSVILLE, KY	10/15 12:00	--	--	18.2	--	--	--
03306500	GREEN RIVER AT GREENSBURG, KY	10/15 13:00	--	--	16.4	--	--	--
03307000	RUSSELL CREEK NEAR COLUMBIA, KY	10/15 11:00	--	--	15.3	--	--	--
03308500	GREEN RIVER AT MUNFORDVILLE, KY	10/15 11:00	--	--	14.9	--	--	--
03309000	GREEN RIVER AT MAMMOTH CAVE, KY	10/15 13:00	7.6	355	16.5	9.6	--	3.0
03311000	NOLIN RIVER AT KYROCK, KY	10/15 11:00	--	--	17.6	--	--	--
03311500	GREEN RIVER AT LOCK 6 AT BROWNSVILLE, KY	10/15 11:00	--	--	17.7	--	--	--
03313000	BARREN RIVER NEAR FINNEY, KY	10/15 11:00	--	--	19.8	--	--	--
03318010	ROUGH RIVER NEAR FALLS OF ROUGH AT DAM, KY	10/15 10:00	--	--	19.7	--	--	--
● Cumberland River Basin								
03400798	MARTINS FORK LK AT MARTINS FK DAM NR SMITH, KY	10/15 13:00	8.9	119	20.8	8.6	--	--

USGS 03287500 KENTUCKY RIVER AT LOCK 4 AT FRANKFORT, KY PROVISIONAL DATA SUBJECT TO REVISION

Available data for this site

Real-time

GO

This site is operated in cooperation with the



United States Army Corps of Engineers - Louisville District

and in cooperation with the **City of Frankfort, Kentucky**

Available Parameters

All 10 parameters available at this site

00010 Temperature, water (DD 01)

00065 Gage height (DD 03)

00065 Gage height (DD 07)

Output format

Graph

Days

7

(1-31)

get data

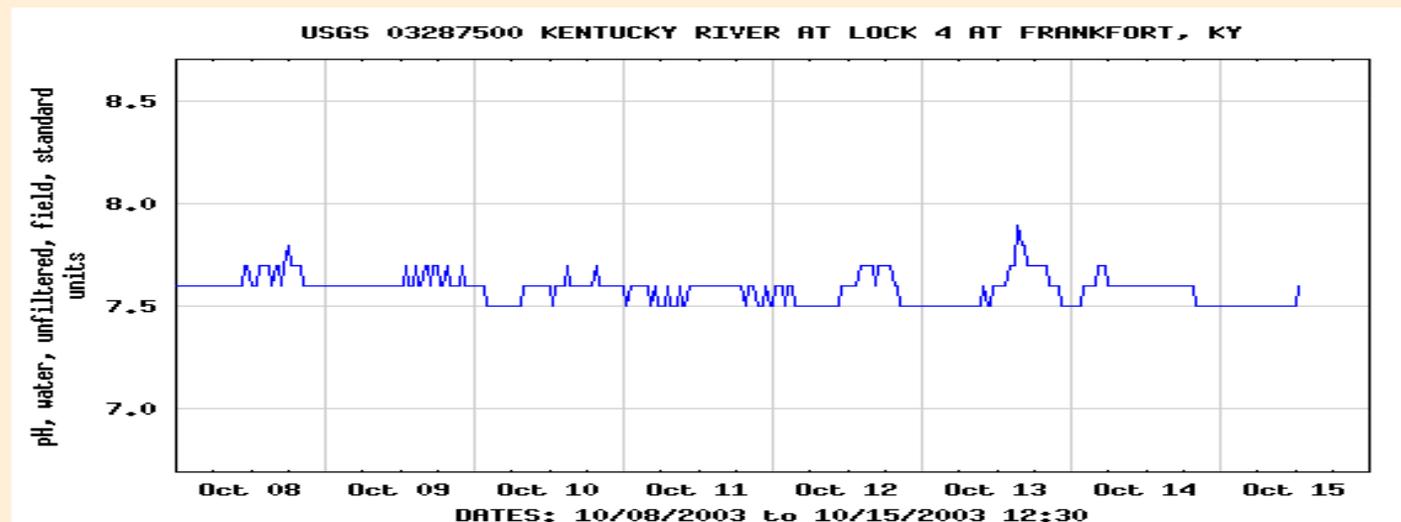
Temperature, water, degrees Celsius

Most recent value: 19.0 10-15-2003 12:30



pH, water, unfiltered, field, standard units

Most recent value: 7.6 10-15-2003 12:30

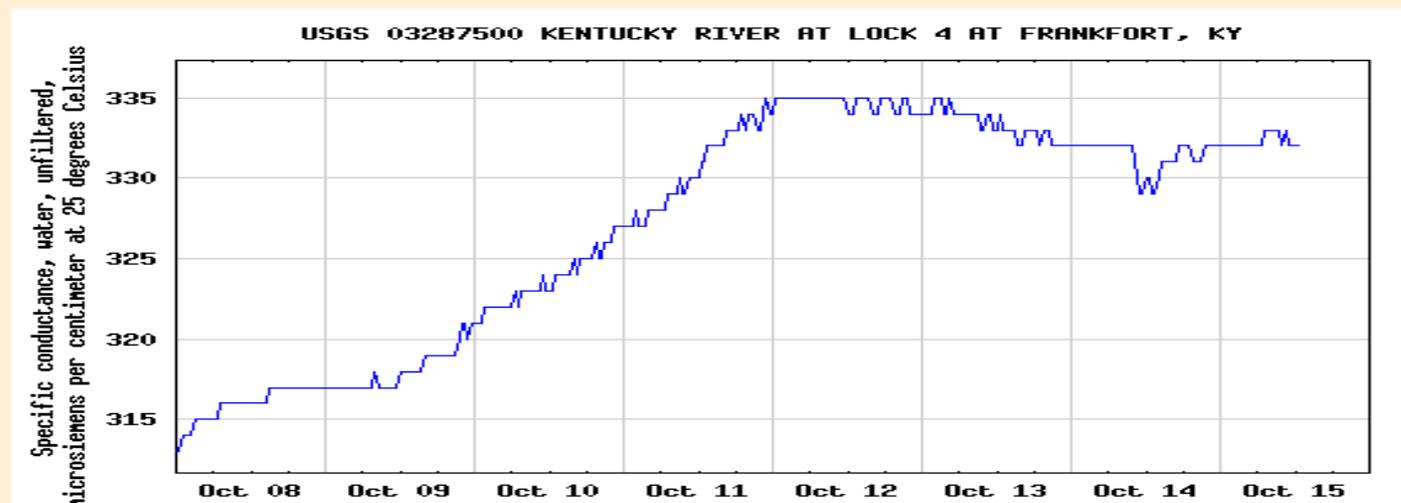


Download a [presentation-quality graph](#)

Parameter Code 00400; DD 23

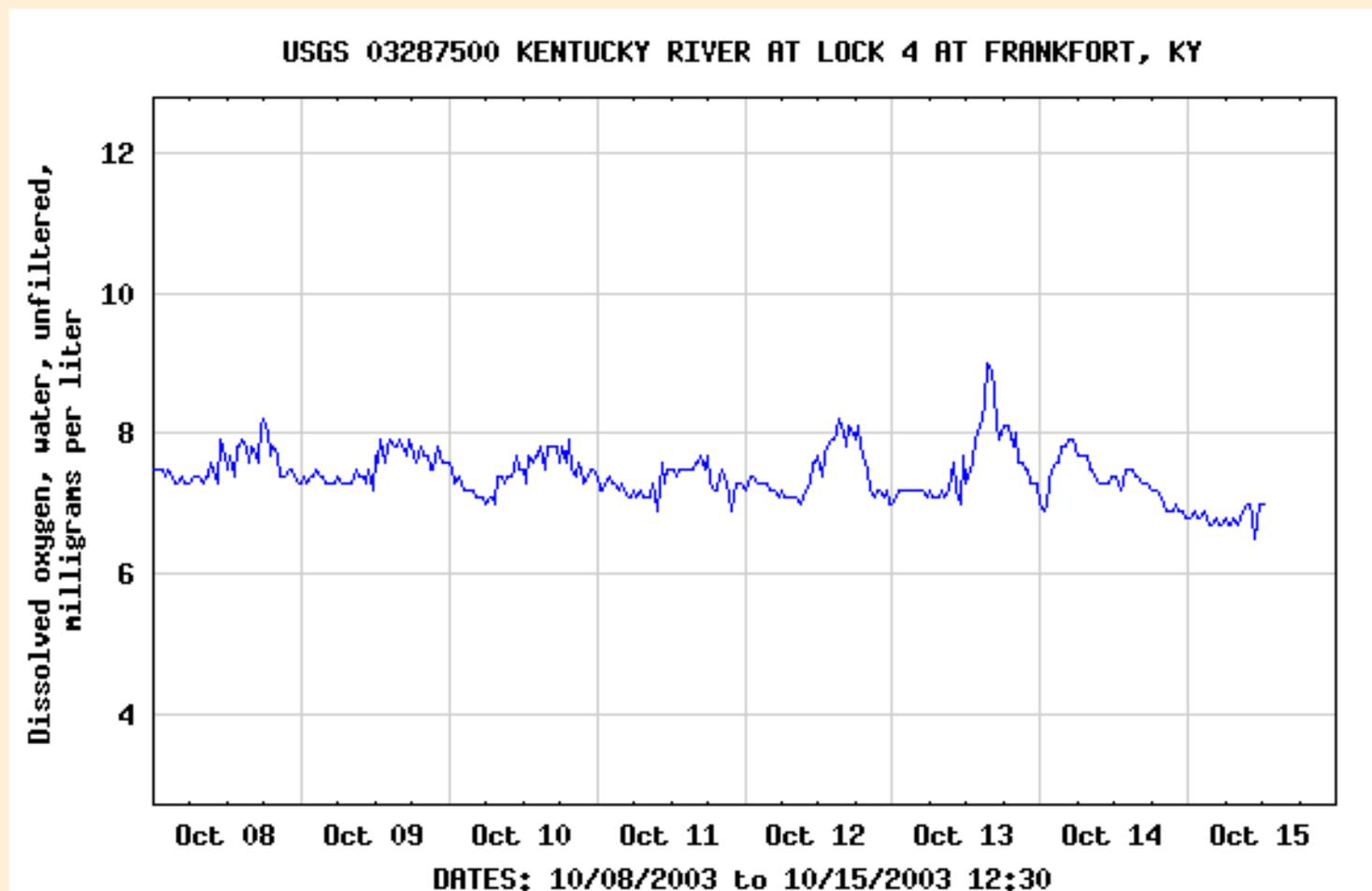
Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

Most recent value: 332 10-15-2003 12:30



Dissolved oxygen, water, unfiltered, milligrams per liter

Most recent value: 7.0 10-15-2003 12:30



Download a [presentation-quality graph](#)

Parameter Code 00300; DD 25

Water-Quality Data for Kentucky

Real-time

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Samples

Retrieve water-quality data from field and/or laboratory analysis of water, biological tissue, stream sediments, and other environmental samples.

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Tutorial explaining how to perform a water quality retrieval and understand the results

Introduction

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At selected surface-water and ground-water sites, the USGS maintains instruments that continuously record physical and chemical characteristics of the water including pH, specific conductance, temperature, dissolved oxygen, and percent dissolved-oxygen saturation. Supporting data such as air temperature and barometric pressure are also available at some sites. At sites where this information is transmitted automatically, data are available from the [real-time data](#) system.

You may find additional water-quality data of interest in [EPA STORET](#).

Water Quality Samples for Kentucky

USGS 03284000 KENTUCKY RIVER AT LOCK 10 NEAR WINCHESTER, KY

Available data for this site

Water-Quality: Discrete samples

GO

Madison County, Kentucky

Latitude 37°53'41", Longitude 84°15'44" NAD27

Gage datum 557.37 feet above sea level NGVD29

This site is a station.

Period of record

From	To	Count
1970-10-08	1995-07-11	156

Choose Output Format

Retrieve Water quality samples for Selected Sites

Choose one of the following options for displaying data for the sites meeting the criteria above:

- ? Parameter Group Period of Record table
- ? Retrieve data from: to: (YYYY-MM-DD -- Blank = all data)
- ? Table of data fixed-width text format
- ? Inventory of water-quality data
- ? Tab-separated inventory of water-quality data
- ? Tab-separated data

Submit

Reset

Help

SAMPLE DATETIME	MEDIUM CODE	Stream width, feet (00004)	Temperature, water, deg C (00010)	Temperature, air, deg C (00020)	Barometric pressure, mm Hg (00025)	Agency collecting sample, code (00027)	Agency analyzing sample, code (00028)	Wind speed, mph (00035)	Weather WMO code (00041)	Stream velocity, ft/s (00055)	Instantaneous discharge, cfs (00061)	Mean stream depth, feet (00064)	Gage height, feet (00065)
1989-06-17 11:11	9					1028	80020						
1989-06-19 14:30	9	370	21.0	26.0	747	1028	80020		2	3.86	36500	26	18.37
1989-07-10 12:00	9	333	28.2	30.5	749	1028	80020		1	1.17	6430	17	12.44
1989-08-21 12:00	9	240	24.9	28.0	748	1028	80020		60	.99	2580	10	10.75
1989-09-18 11:45	9	345	22.0	23.0	751	1028	80020		.0	2.08	14000	20	14.52
1989-10-18 15:00	9	385	14.8	11.7	744	1028	80020		50	3.75	47300	33	21.31
1989-10-23 13:30	9	346	15.2	19.5	755	1028	80020		1	1.86	12400	19	14.50
1989-11-13 13:00	9	325	14.2	22.5	749	1028	80020		.0	1.11	4870	14	12.37
1989-12-18 13:15	9	312	1.6	4.5	752	1028	80020		.0	.37	1840	15	10.46
1990-01-05 13:30	9	350	4.0	7.0	744	1028	80020		2		13400		14.40
1990-01-22 12:30	9	383	8.3	8.7	747	1028	80020		1	1.62	9990	16	13.54
1990-02-12 12:30	9	326	9.4	10.5	749	1028	80020		.0	4.10	41200	31	18.72
1990-03-26 12:15	9	332	11.8	14.0	750	1028	80020		2	1.06	6010	17	12.30
1990-04-17 10:00	9	329	11.0	11.5	742	1028	80020		60	1.01	5600	17	12.42
1990-06-19 10:15	9	317	23.5	23.7	740	1028	80020		.0	.70	3410	16	11.24
1990-07-12 19:45	9					1028	80020						
1990-08-21 10:00	9	230	27.5	27.5	741	1028	80020		1	.18	379	9.3	9.55
1990-10-16 09:30	9	228	18.5	13.5	747	1028	80020		.0	.45	1170	11	10.08
1990-12-18 10:00	9	360	9.5	14.5	728	1028	80020		60	3.71	38700	29	18.90
1991-02-12 09:30	9	333	5.5	.0	744	1028	80020		.0	1.26	7190	17	12.93
1991-04-23 09:30	9	330	15.5	17.0	734	1028	80020		2	1.17	6560	17	12.65
1991-06-18 09:30	9	319	25.5	23.0	738	1028	80020		2	.87	3470	12	11.40
1991-08-27 09:30	9	225	26.0	23.0	752	1028	80020		2	.23	494	9.6	9.59
1991-10-01 17:15	9		23.5			1028	1028				743		
1991-11-05 10:05	9		14.5			1028	1028				199		

Ground-Water Data for Kentucky

Real-time

Data transmitted from selected ground-water sites.

Site information

Descriptive site information including latitude, longitude, well depth, and site use.

Levels

Depth to water or water-surface elevation in wells.

Introduction

The Ground-Water database contains ground-water site inventory, ground-water level data, and water-quality data.

The [ground-water site inventory](#) consists of more than 850,000 records of wells, springs, test holes, tunnels, drains, and excavations in the United States. Available site descriptive information includes well location information such as latitude and longitude, well depth, and aquifer.

The USGS annually monitors ground-water levels in thousands of wells in the United States. Ground-water level data are collected and stored as either discrete [ground-water level measurements](#) or as continuous record. Data from some of the continuous record stations are relayed to USGS offices nationwide through telephone lines or by satellite transmissions providing access to [realtime ground-water data](#).

USGS 365210088391301 VIOLA WELL - J5C0103

PROVISIONAL DATA SUBJECT TO REVISION

Available data for this site

Real-time

GO

Available Parameters

All 1 parameters available at this site
72019 WaterLevel, BelowLSD (DD 03)

Output format

Graph

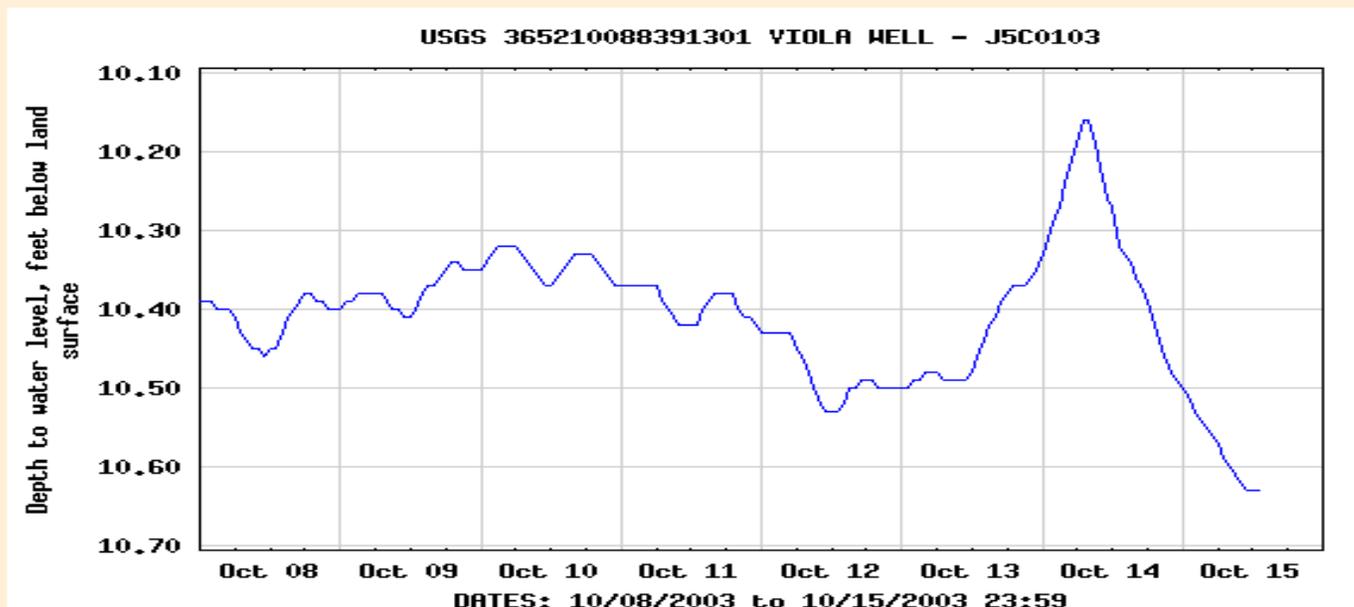
Days

7
(1-31)

get data

Depth to water level, feet below land surface

Most recent value: 10.63 10-15-2003 13:00



Download a [presentation-quality graph](#)

Parameter Code 72019; DD 03



USGS Internal Access

[Water Resources](#)

Data Category:

Ground Water

Geographic Area:

Kentucky

GO

Ground-water Site Inventory for Kentucky

Site Selection Criteria

Choose one or more criteria to use for selecting sites:

Site

-- Location --

- [?](#) County
- [?](#) Hydrologic Unit
- [?](#) Lat-Long box

Site

-- Identifier --

- [?](#) Site Name
- [?](#) Site Number
- [?](#) Agency Code
- [?](#) File of Site Numbers

Site

-- Attribute --

- [?](#) Ground-water site type
- [?](#) Well depth
- [?](#) Hole depth
- [?](#) Aquifer (by code)
- [?](#) Aquifer (by name)

Submit

Reset

Ground-water Site Inventory for Kentucky

Select Sites

Select sites which meet all of the following criteria: ---- or select [new criteria](#)

County -- select one or more

Hopkins County	▲
Jackson County	
Jefferson County	▼
Jessamine County	
Johnson County	
Kenton County	▼

Choose Output Format

Display Summary of Selected Sites

Choose one of the following options for displaying descriptions of the sites meeting the criteria above:

- Table of sites sorted by grouped by
- Scroll list of sites -- allows selection of data for multiple sites
- Brief descriptions -- allows selection of data for multiple sites
- Site-description information displayed in

Select fields to include in site-description output

Agency	▲
Site identification number	
Site name	
DMS latitude	
DMS longitude	
Decimal latitude	▼

- Save file of selected sites to local disk for future upload
- Raw NWISWeb sitefile review (internal)*

Retrieve Site inventory data for Selected Sites

Choose one of the following options for displaying data for the sites meeting the criteria above:

- Detailed descriptions with links to available data for each site

Submit

Reset

Help

Ground-water Site Inventory for Kentucky

Site Selection Results -- 721 sites found

Site type = Spring, Ground Water

County = Jefferson

[Save file of selected sites](#) to local disk for future upload

Data for individual sites can be obtained by selecting the site number below

Agency	Site Number	Site Name
USGS	370001085000101	TRIP BLANK - QA SITE
USGS	380105085550301	E16C0002
USGS	380122085545001	80-1 HWY. 44 & DIXIE HWY.
USGS	380123085544901	79-5 HWY. 44 & DIXIE HWY.
USGS	380129085550101	E16C043
USGS	380306085452101	E16D0024
USGS	380308085533501	E16C0044
USGS	380359085543101	E16C006
USGS	380413085470801	E16D0029
USGS	380418085505001	E16D0008
USGS	380423085541501	GENEWIEN NUMBER 2
USGS	380425085542401	GENEWEIN NO. 1
USGS	380434085525101	MSD E-1-D
USGS	380435085453401	E16D0022
USGS	380437085462601	E16D0019
Agency	Site Number	Site Name
USGS	380442085331101	E17D0016
USGS	380458085523201	E16C0500
USGS	380504085463601	E16D0018
USGS	380517085535201	E16C0000
USGS	380518085535901	E16C0027

USGS 380434085525101 MSD E-1-D

Available data for this site

Station home page

GO

LOCATION

Latitude 38°04'34", Longitude 85°52'51" NAD27,
Jefferson County, Kentucky , Hydrologic Unit 05140101

WELL DESCRIPTION

The depth of the well is 74 feet below land surface. Altitude of land surface datum 430.39 feet above sea level NGVD29. The depth of the hole is 78 feet below land surface.

This well is completed in OUTWASH (112OTSH)

STATION DATA:

Data Type	Begin Date	End Date	Count
Water Quality Samples	1980-10-29	1982-04-26	4
Ground-water levels	1980-10-29	1992-05-07	24

SITE OPERATION:

Record for this site is maintained by the USGS office in Kentucky

CONTACT INFORMATION

Email questions about this station to gs-w-ky_NWISWeb_Data_Inquiries@usgs.gov

Ground-water levels for the Nation

Search Results -- 1 sites found

Search Criteria

site_no list = • 380434085525101

[Save file of selected sites](#) to local disk for future upload

USGS 380434085525101 MSD E-1-D

Available data for this site

Ground-water: Levels

GO

Jefferson County, Kentucky

Hydrologic Unit Code 05140101

Latitude 38°04'34", Longitude 85°52'51" NAD27

Gage datum 430.39 feet above sea level NGVD29

The depth of the well is 74 feet below land surface.

The depth of the hole is 78 feet below land surface.

This well is completed in OUTWASH DEPOSITS (112OTSH)

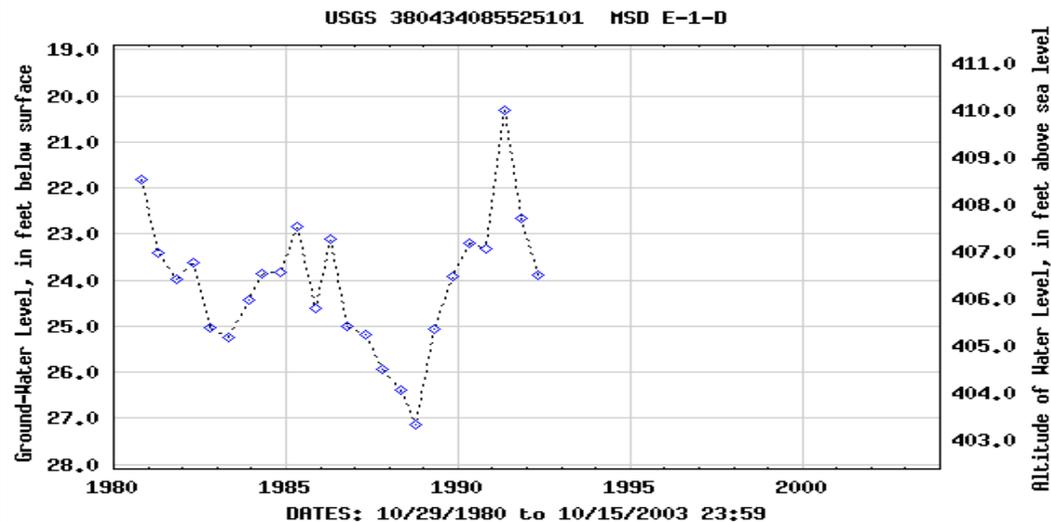
Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



Breaks in the plot represent a gap of at least one calendar year between two consecutive points.

[Download a presentation-quality graph](#)

Ground-water levels for the Nation

Search Results -- 1 sites found

Search Criteria

Agency code = usgs
site_no list = • 380434085525101

[Save file of selected sites](#) to local disk for future upload

USGS 380434085525101 MSD E-1-D

Jefferson County, Kentucky

Latitude 38°04'34", Longitude 85°52'51" NAD27

Gage datum 430.39 feet above sea level NGVD29

The depth of the well is 74 feet below land surface.

The depth of the hole is 78 feet below land surface.

This well is completed in OUTWASH DEPOSITS (112OTSH)

Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

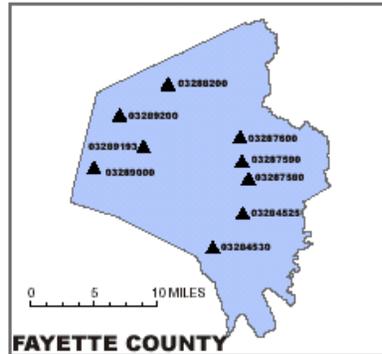
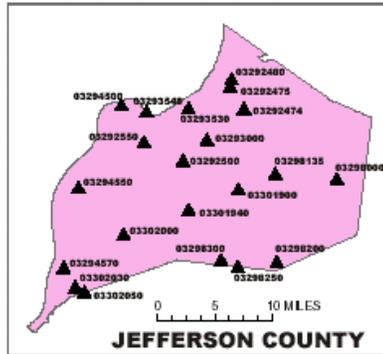
[Reselect period](#)

Date	Time	Water level, feet below land surface	Status
1980-10-29		21.82	
1981-04-23	14:45	23.40	
1981-10-29	13:00	23.99	
1982-04-26	15:15	23.63	
1982-10-27	13:30	25.04	
1983-05-02	14:00	25.25	
1983-11-28	11:40	24.43	
1984-04-30	11:34	23.85	
1984-11-02	10:30	23.82	
1985-04-22	14:37	22.84	
1985-11-05	10:50	24.60	

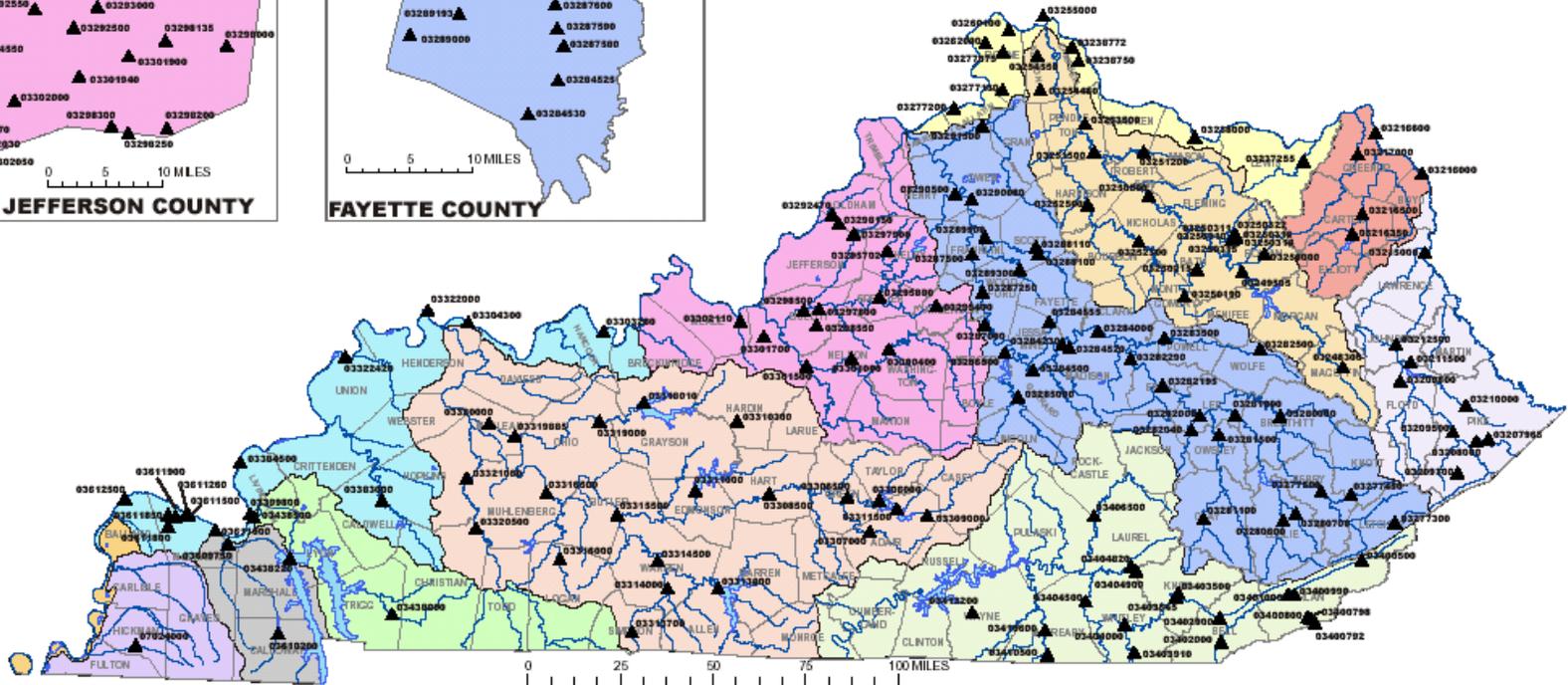
Date	Time	Water level, feet below land surface	Status
1986-04-24	09:45	23.11	S
1986-10-20		24.99	
1987-04-20		25.17	
1987-10-26		25.92	
1988-04-27		26.39	
1988-10-18		27.13	
1989-04-25		25.07	
1989-10-27		23.91	
1990-05-09		23.19	
1990-10-30	14:34	23.33	
1991-05-08		20.33	
1991-10-31	14:55	22.65	
1992-05-07	15:05	23.90	

STREAMFLOW STATIONS IN KENTUCKY

(ACTIVE STATIONS DURING WATER YEAR 2003)

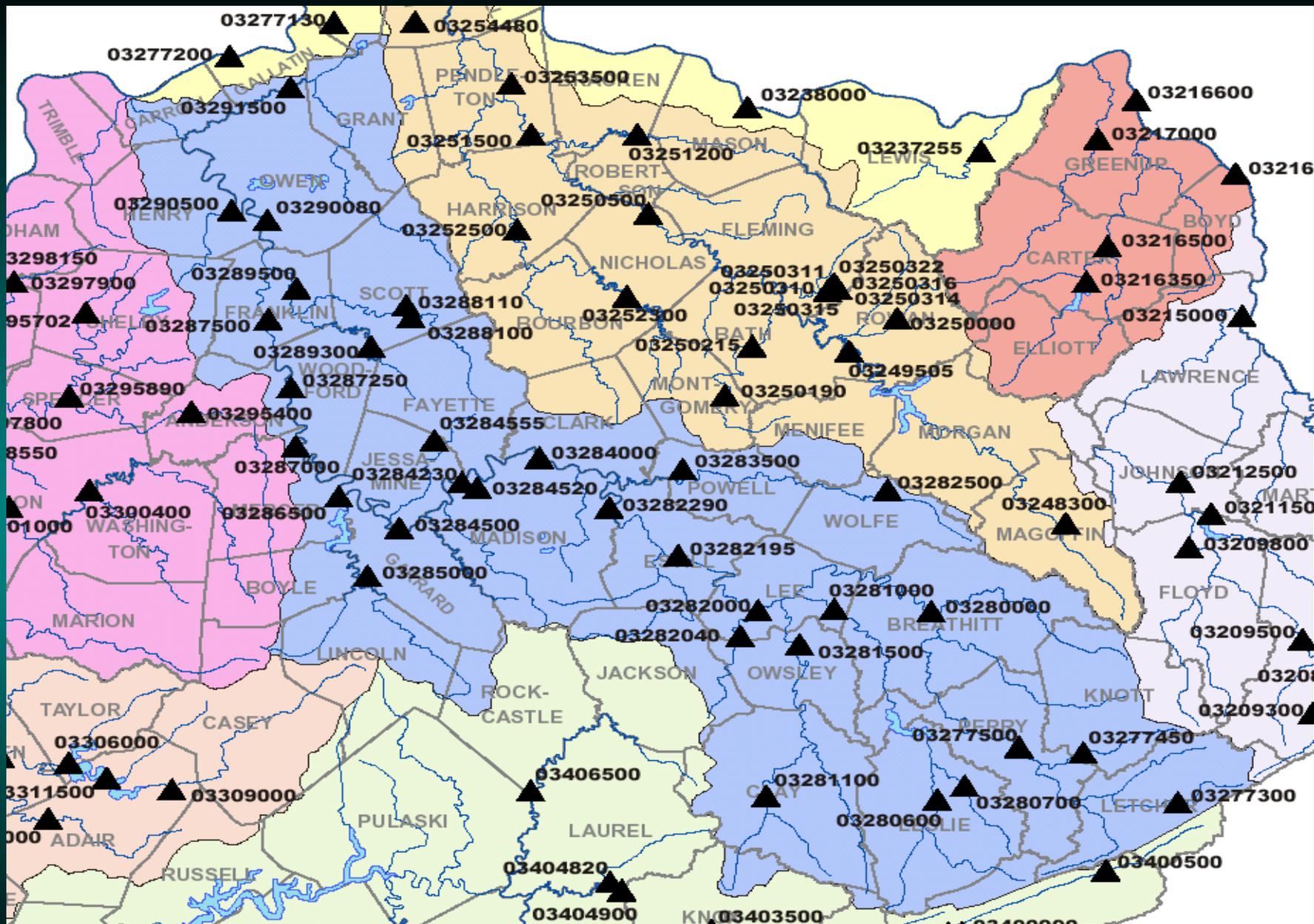


Use the magnifier to zoom in, then click on the site number to get information about the gage.



MAJOR RIVER BASINS OF KENTUCKY

- | | | | |
|-----------------------------|------------------|-------------------|----------------------------|
| LOWER MISSISSIPPI - MEMPHIS | LOWER TENNESSEE | LOWER OHIO - SALT | MIDDLE OHIO - LITTLE MIAMI |
| HATCHIE - OBION | LOWER CUMBERLAND | UPPER CUMBERLAND | LICKING |
| LOWER OHIO | GREEN | KENTUCKY | MIDDLE OHIO - RACON |
| | | | BIG SANDY |



USGS 03287500 KENTUCKY RIVER AT LOCK 4 AT FRANKFORT, KY

Available data for this site

Station home page

GO

Station Description

LOCATION

Latitude 38°12'06", Longitude 84°52'54" NAD27,
Franklin County, Kentucky , Hydrologic Unit 05100205

DRAINAGE AREA

5,411.00 square miles; Contributing drainage area 5,292.00 square miles,

GAGE

Datum of gage is 462.10 feet above sea level NGVD29.

STATION TYPE:

Surface Water

STATION DATA:

Data Type	Begin Date	End Date	Count
Real-time	This is a real-time site		
Peak streamflow	1817-00-00	2001-02-17	111
Daily streamflow	1925-10-01	2002-09-30	27575
Water Quality Samples	1951-10-01	1995-07-18	820

SITE OPERATION:

Site is located in Kentucky, record is maintained by Kentucky

CONTACT INFORMATION

Email questions about this station to gs-w-ky_NWISWeb_Data_Inquiries@usgs.gov

THANK YOU!!

ANY QUESTIONS?