



Water-Data Report 2008

**02188684 BEAVERDAM CREEK AT RUCKERSVILLE RD, NR ELBERTON,GA**

Savannah Basin  
Upper Savannah Subbasin

LOCATION.--Lat 34°08'30", long 82°50'22" referenced to North American Datum of 1927, Elbert County, GA, Hydrologic Unit 03060103, at the downstream side of the bridge on County Road 306, 0.5 mile downstream from confluence with Carters Creek, and 2.7 miles northeast of Elberton.

DRAINAGE AREA.--86.0 mi<sup>2</sup>.

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--January 1997 to October 1998, January 2002 to December 2002, January 2007 to December 2007 (discontinued).

REMARKS.--Analyzing agency is represented by the five-digit code listed under USGS Water Science Center special parameter code 99920. Laboratory analyses with analyzing agency code 81330 are by the Agricultural and Environmental Services Laboratory, College of Agricultural and Environmental Sciences, The University of Georgia, Athens, Georgia; laboratory analyses with analyzing agency code 81341 are by the Laboratory Services Section, Environmental Protection Division, Georgia Department of Natural Resources. Field determinations of Discharge, Specific Conductance, pH, Water Temperature, Air Temperature, and Dissolved Oxygen are by the U.S. Geological Survey.

COOPERATION.--Georgia Department of Natural Resources, Environmental Protection Division.

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 1 of 2

[Remark codes: <, less than.]

Date	Time	Time Datum	Agency collecting sample, code	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	pH, water, unfltrd lab, std units (00403)	Specific conductance, wat unf lab, μS/cm 25 degC (90095)	Specific conductance, wat unf lab, μS/cm 25 degC (00095)	Temperature, air, deg C (00020)
<b>Oct</b>													
17...	0640	EST	USGS-WRD	1.25	4.3	750	7.3	77	6.5	7.2	63	63	15.5
<b>Nov</b>													
07...	0720	EST	USGS-WRD	1.42	7.7	753	8.2	71	7.2	7.3	69	68	-4.6
<b>Dec</b>													
12...	0730	EST	USGS-WRD	1.72	19	754	9.3	87	7.0	5.9	64	63	10.0

## 02188684 BEAVERDAM CREEK AT RUCKERSVILLE RD, NR ELBERTON,GA—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 2 of 2

[Remark codes: &lt;, less than.]

Date	Temper- ature, water, deg C (00010)	ANC,	Residue total non- filter- able, mg/L (00530)	Ammonia		Nitrate		Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)	USGS Water Science Center special 99920 (99920)
		wat unf fixed end pt, lab, mg/L as CaCO3 (00417)		org-N, water, unfltrd mg/L as N (00625)	Ammonia water, unfltrd mg/L as N (00610)	nitrite water unfltrd mg/L as N (00630)						
<b>Oct</b>												
<b>17...</b>	16.9	22	12	.320	.060	.100	<.0200	.04	4.4	1.2	81330	
<b>Nov</b>												
<b>07...</b>	8.6	26	6	.390	.070	.120	<.0200	.04	6.5	2.1	81330	
<b>Dec</b>												
<b>12...</b>	11.5	22	6	.290	<.030	.080	<.0200	.03	5.8	1.3	81330	