



Water-Data Report 2008

**02177450 STEKOA CREEK AT EAST WOLF CREEK RD, NR CLAYTON, GA**

Savannah Basin  
Tugaloo Subbasin

LOCATION.--Lat 34°50'07", long 83°20'49" referenced to North American Datum of 1927, Rabun County, GA, Hydrologic Unit 03060102, at downstream side of bridge on East Wolf Creek Road, 0.9 miles downstream from Chechero Creek, 4.8 miles upstream from the mouth, and 5.1 miles southeast of Clayton.

DRAINAGE AREA.--28.5 mi<sup>2</sup>.

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--July 1990 to February 1994, January 1997 to August 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...	1435	EST	USGS-WRD	2.36	19	723	9.8	107	7.4	6.5	49	49	24.8
<b>Nov</b>													
07...	1640	EST	USGS-WRD	2.39	21	725	10.5	95	7.5	7.0	52	49	9.7
<b>Dec</b>													
12...	1620	EST	USGS-WRD	2.41	21	727	10.6	107	7.6	7.2	47	45	21.0

## 02177450 STEKOA CREEK AT EAST WOLF CREEK RD, NR CLAYTON, 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, wat unf	Residue	Ammonia +	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)
		end pt, lab, mg/L as CaCO3 (00417)	total non- filter- able, mg/L (00530)	org-N, water, unfltrd mg/L as N (00625)	water, unfltrd mg/L as N (00610)	nitrite water unfltrd mg/L as N (00630)	water, water, fltrd, mg/L as P (00671)	water, water, unfltrd mg/L (00665)	water, water, unfltrd mg/L (00680)	water, unfltrd 5 day, 20 degC mg/L (00310)	USGS Water Science Center special 99920 (99920)
<b>Oct</b>											
<b>17...</b>	17.0	14	12	.190	.040	<.050	.0700	.09	2.9	1.3	81330
<b>Nov</b>											
<b>07...</b>	8.9	14	11	.200	<.030	.310	.0400	.08	4.1	1.5	81330
<b>Dec</b>											
<b>12...</b>	13.6	14	<3	.260	<.030	.230	.0300	.05	10.9	1.0	81330