



Water-Data Report 2008

02196935 BUTLER CREEK AT GA 56 SPUR, AT AUGUSTA, GA

Savannah Basin
Middle Savannah Subbasin

LOCATION.--Lat 33°23'22", long 81°58'22" referenced to North American Datum of 1927, Richmond County, GA, Hydrologic Unit 03060106, at downstream side of bridge on Ga 56 SPUR, .3 mile upstream from confluence with the primart branch of Butler Creek, 2.3 miles upstream from confluence with the Savannah River, 5.3 miles south of Augusta.

DRAINAGE AREA.--36.6 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--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, ft ³ /s (00061)	Turbidity, water, unfltrd lab, NTU (82079)	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)
Oct													
25...	0710	EST	USGS-WRD	3.14	16	25	755	9.0	96	6.9	6.0	33	35
Nov													
15...	1205	EST	USGS-WRD	3.10	15	--	757	9.2	92	6.4	7.4	30	31
Dec													
06...	1120	EST	USGS-WRD	3.27	23	--	765	10.3	89	6.6	7.5	31	31

02196935 BUTLER CREEK AT GA 56 SPUR, AT AUGUSTA, GA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 2 of 2

[Remark codes: <, less than.]

Date	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	ANC, wat unf fixed end pt, lab, mg/L as CaCO3 (00417)	Residue total non- filter- able, mg/L (00530)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, unfltrd mg/L as N (00610)	Nitrate + nitrite water unfltrd mg/L as N (00630)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, unfltrd mg/L as P (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)
Oct 25...	13.2	18.1	4	42	.480	<.030	.120	--	.12	2.3	<2.0	81341
Nov 15...	19.9	14.9	4	<3	.130	<.030	.200	<.0200	.03	3.0	1.6	81330
Dec 06...	10.3	9.3	4	<3	.130	<.030	<.050	<.0200	.03	9.3	1.1	81330