



Water-Data Report 2008

02191975 LONG CREEK AT VINSON RD, NEAR TIGNALL, GA

Savannah Basin
Broad Subbasin

LOCATION.--Lat 33°56'28", long 82°49'31" referenced to North American Datum of 1927, Wilkes County, GA, Hydrologic Unit 03060104, at the bridge on County Road 109, 0.9 mile upstream from confluence with Clark Creek, 1.8 miles downstream from confluence with Macks Creek, and 6.0 miles northwest of Tignall.

DRAINAGE AREA.--203 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--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. Site visits during the water year in which the stream was found to have no observable flow, or found to be "dry" as defined in the Quality Assurance Project Plan (QAPP) governing the collection of discrete water-quality data at this station, are indicated with a "9" in the column for USGS Water Science Center special parameter code 99903.

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 unfltrd lab, μS/cm 25 degC (90095)	Specific conductance, wat unfltrd lab, μS/cm 25 degC (00095)
Oct													
23...	0740	EST	USGS-WRD	1.27	<.05	8.0	749	1.4	15	6.8	6.9	130	148
Nov													
13...	1015	EST	USGS-WRD	1.26	--	--	--	--	--	--	--	--	--
Dec													
04...	0900	EST	USGS-WRD	2.73	11	--	753	8.9	75	6.3	7.7	97	97

02191975 LONG CREEK AT VINSON RD, NEAR TIGNALL, GA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 2 of 2

[Remark codes: <, less than.]

Date	Temper- ature, air, deg C (00020)	Temper- ature, 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 99903 (99903)	USGS Water Science Center special 99920 (99920)
Oct 23...	21.9	16.2	72	--	.640	.040	.080	--	.06	1.3	<2.0	--	81341
Nov 13...	--	--	--	--	--	--	--	--	--	--	--	3.0	--
Dec 04...	4.0	7.1	28	3	.200	<.030	<.050	.0200	.03	5.7	.1	--	81330