



Water-Data Report 2009

02317856 TOWN CREEK AT MELTON RD, NEAR SYLVESTER, GA

Suwannee Basin
Little Subbasin

LOCATION.--Lat 31°29'12", long 83°48'22" referenced to North American Datum of 1927, Worth County, GA, Hydrologic Unit 03110204, at downstream side of bridge on Milton Rd, 1.5 mi upstream from confluence with Warrior Creek, 2.7 mi downstream from confluence with backwaters from City of Sylvester Lake Dam, 4.5 mi southeast of Sylvester.

DRAINAGE AREA.--13.67 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--January 1998 to December 1998, March 1999, January 2003 to December 2003, January 2008 to December 2008 (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 2008 TO SEPTEMBER 2009**

Part 1 of 2

[Remark codes: <, less than.]

Date	Time	Time Datum	Agency collecting sample, code	Barometric pressure, mm Hg (00025)	Temperature, air, deg C (00020)	Instantaneous discharge, ft ³ /s (00061)	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)	Temperature, water, deg C (00010)
Oct													
07...	1430	EST	USGS-WRD	762	29.0	--	--	--	--	--	--	--	--
Nov													
04...	1105	EST	USGS-WRD	763	16.1	1.8	7.3	71	6.8	7.0	140	134	14.2
Dec													
03...	1100	EST	USGS-WRD	764	9.3	17	8.4	70	6.7	6.8	110	108	7.3

02317856 TOWN CREEK AT MELTON RD, NEAR SYLVESTER, GA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 2

[Remark codes: <, less than.]

Date	Gage height, feet (00065)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)	Suspended solids, water, unfltrd mg/L (00530)	ANC, wat unf fixed end pt, lab, mg/L as CaCO3 (00417)	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-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L as P (00665)	Organic carbon, water, unfltrd mg/L (00680)	USGS Water Science Center special 99903 (99903)	USGS Water Science Center special 99920 (99920)
Oct												
07...	5.63	--	--	--	--	--	--	--	--	--	9.0	--
Nov												
04...	5.96	1.0	<3	24	.530	<.030	.050	<.0200	.04	9.7	--	81330
Dec												
03...	6.50	1.1	<3	22	.500	<.030	<.050	<.0200	.03	13.4	--	81330