



Water-Data Report 2009

**02318598 OKAPILCO CREEK AT WESLEY CHAPEL RD, NEAR BERLIN,GA**

Suwannee Basin  
Withlacoochee Subbasin

LOCATION.--Lat 31°02'50", long 83°37'49" referenced to North American Datum of 1927, Colquitt County, GA, Hydrologic Unit 03110203, 8.5 mi upstream from confluence with Rainy Creek, 1.6 mi downstream from confluence with Little Creek, and 2.5 mi south of Berlin.

DRAINAGE AREA.--106.45 mi<sup>2</sup>.

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--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)	Color, water, fltrd, Pt-Co units (00080)	Instantaneous discharge, ft <sup>3</sup> /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 unf lab, μS/cm @ 25 degC (90095)	Specific conductance, wat unf lab, μS/cm @ 25 degC (00095)
<b>Oct</b>													
08...	1420	EST	USGS-WRD	758	27.5	--	.20	3.5	40	6.5	6.8	140	142
<b>Nov</b>													
05...	1045	EST	USGS-WRD	765	21.9	80	17	8.0	80	6.5	6.7	140	141
<b>Dec</b>													
02...	1410	EST	USGS-WRD	764	10.5	--	784	7.8	72	6.1	6.3	76	77

## 02318598 OKAPILCO CREEK AT WESLEY CHAPEL RD, NEAR BERLIN,GA—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Part 2 of 2

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

Date	Temperature, water, deg C (00010)	Turbid- ity, water, unfltrd lab, NTU (82079)	Gage height, feet (00065)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)	Sus- pended 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- 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)	USGS Water Science Center special 99920 (99920)
<b>Oct</b> <b>08...</b>	21.9	--	1.81	1.5	<3	30	.840	.050	.200	.1200	.08	19.7	81330
<b>Nov</b> <b>05...</b>	15.6	6.1	2.74	<2.0	--	13	.550	<.030	.800	--	.12	11.0	81341
<b>Dec</b> <b>02...</b>	11.9	--	8.85	2.0	<3	7	.880	<.030	.300	.0600	.12	19.4	81330