



Water-Data Report GA-2005

02225318 JACKS CREEK AT GA 46, NEAR STILLMORE, GA

Altamaha River Basin

LOCATION.--Lat 32°23'14", long 82°14'41" referenced to North American Datum of 1927, Emanuel County, Hydrologic Unit 03070107, at the bridge on GA 46, 0.4 mile downstream from confluence with McCullough Creek, 4.6 miles west of Georgia Highway 57, and 3.1 miles south of Stillmore.

DRAINAGE AREA.--

WATER-QUALITY RECORDS

COOPERATION.--Georgia Environmental Protection Division (GAEPD).

PERIOD OF RECORD.--January 1999 to August 2000, March 2004 to November 2004 (discontinued).

REMARKS.--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. Field determinations of Discharge, Specific Conductance, pH, Water Temperature, Air Temperature, and Dissolved Oxygen are by the U.S. Geological Survey. For the water-quality data-collection activity at this station during 2004, if the stream was observed to have insufficient flow, observed to be pooled with no visible flow, or was found to be dry, it was not sampled. The site visit was documented and is presented in the data table coded with parameter 99903 = 9. A stream is defined as "dry" at a station if there is a complete break in the continuity of the cross-section of water perpendicular to the flow that is visible upstream and/or downstream of the cross-section to be sampled.

Date	Time	Time Datum	Agency collecting sample, code (00027)	Agency analyzing sample, code (00028)	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)	Specific conductance, wat unf 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)
Oct												
05...	0730	EST	1028	81330	13	768	4.9	53	5.6	69	13.5	19.9
12...	0715	EST	1028	81330	8.2	763	4.9	54	5.7	74	20.2	20.7
28...	0720	EST	1028	81330	6.8	768	5.4	57	5.8	78	17.2	18.0
Nov												
03...	0800	EST	1028	81330	9.1	767	3.6	40	5.9	102	21.2	20.8
15...	0830	EST	1028	81330	14	776	6.3	55	6.3	115	.0	10.3
18...	0805	EST	1028	81330	13	768	6.9	60	6.4	154	3.1	9.6
29...	0750	EST	1028	81330	37	766	7.4	66	5.7	75	1.1	10.2

02225318 JACKS CREEK AT GA 46, NEAR STILLMORE, GA—Continued

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2004
TO SEPTEMBER 2005**

Part 2 of 2

[Remark codes:

M, presence verified but not
quantified.]

Date	Hydrogen ion, water, fltrd, calcd, mg/L (00191)	Fecal coliform, A1broth water, MPN/100mL (31621)
Oct		
05...	.003	300
12...	.002	300
28...	.002	70
Nov		
03...	.001	220
15...		500
18...		80
29...	.002	170

Date	Time	Time Datum	Agency collecting sample, code (00027)	Agency analyzing sample, code (00028)	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)
Mar												
30...	1345	EST	1028	81330	9.1	764	6.0	62	6.1	62	20.0	16.7
Apr												
07...	0645	EST	1028	81330	9.5	761	5.8	57	5.9	61	7.3	14.9
13...	1350	EST	1028	81330	16	757	5.0	56	6.1	65	20.9	19.8
27...	0735	EST	1028	81330	17	755	4.2	45	5.9	54	12.5	18.5
Jul												
20...	0645	EST	1028	81330	2.0	760	1.3	16	6.7	390	18.6	23.7
27...	0640	EST	1028	81330	<.10	763	1.4	18	6.8	449	21.5	25.3
Aug												
09...	0700	EST	1028	81330	--	766	--	--	--	--	14.2	--
17...	0650	EST	1028	81330	--	766	--	--	--	--	21.3	--
Sep												
29...	0925	EST	1028	81330	>640	764	5.1	58	4.7	47	22.4	21.8

02225318 JACKS CREEK AT GA 46, NEAR STILLMORE, GA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2003 TO
SEPTEMBER 2004

Part 2 of 2

[Remark codes: <, less than; >, greater than;
M, presence verified but not quantified.]

Date	Hydro- gen ion, water, fltrd, calcd, mg/L (00191)	Fecal coli- form, A1broth water, MPN/ 100mL (31621)	USGS Water Science Center special 99903 (99903)
Mar			
30...	.001	110	--
Apr			
07...	.001	40	--
13...	.001	230	--
27...	.001	5,000	--
Jul			
20...		500	--
27...		20	--
Aug			
09...	--	--	9.0
17...	--	--	9.0
Sep			
29...	.023	230	--