

**APALACHICOLA RIVER BASIN
2004 Water Year**

02335078 JOHNS CREEK AT BUICE ROAD, NEAR WARSAW, GA

LOCATION.—Lat 34°00'58", long 84°12'40" referenced to North American Datum (NAD) of 1983, Fulton County, Hydrologic Unit 03130001, on left downstream bank of bridge on Buice Road, 5.0 miles south of Alpharetta and 1.0 mile south of Warsaw.

DRAINAGE AREA.—11.60 square miles.

COOPERATION.—Georgia Environmental Protection Division.

PERIOD OF RECORD.—March 6, 2004 to September 30, 2004.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—

WATER TEMPERATURE: March 6, 2004 to September 30, 2004.

INSTRUMENTATION.—Satellite telemetry with a water-stage recorder and a continuous water temperature thermistor.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—

WATER TEMPERATURE: Maximum recorded, 26.0°C, July 13; minimum recorded, 7.3°C, March 9.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02335078 JOHNS CREEK AT BUICE ROAD, NEAR WARSAW, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 121
 LATITUDE 340058 LONGITUDE 0841240 NAD27 DRAINAGE AREA 11.6 CONTRIBUTING DRAINAGE AREA 11.6 DATUM 880 NGVD29

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	14.1	10.4	12.3	19.1	17.4	18.1
2	---	---	---	---	---	---	14.7	10.2	12.5	19.3	16.8	18.3
3	---	---	---	---	---	---	16.6	11.0	13.8	16.8	14.3	15.5
4	---	---	---	---	---	---	15.8	11.6	13.6	16.2	12.2	14.3
5	---	---	---	---	---	---	15.5	10.2	12.9	18.1	13.0	15.6
6	---	---	---	---	---	---	16.5	10.9	13.7	19.7	15.4	17.7
7	---	---	---	16.4	12.9	14.5	17.0	11.9	14.5	20.5	16.3	18.6
8	---	---	---	13.3	10.4	11.9	17.9	13.9	15.7	21.1	17.0	19.3
9	---	---	---	12.0	8.7	10.4	18.3	13.6	15.9	21.7	18.4	20.1
10	---	---	---	12.4	8.2	10.2	16.3	12.6	14.8	21.8	18.6	20.2
11	---	---	---	12.5	7.6	10.2	16.5	14.0	15.4	21.6	19.1	20.4
12	---	---	---	13.3	9.2	11.2	16.0	14.0	15.1	21.1	19.3	20.0
13	---	---	---	13.4	8.9	11.1	14.5	11.8	13.7	21.4	19.8	20.5
14	---	---	---	14.6	10.5	12.6	14.1	10.5	12.1	20.8	19.3	20.0
15	---	---	---	15.8	13.2	14.4	16.0	10.6	13.3	21.7	18.8	20.3
16	---	---	---	17.1	13.9	15.1	17.2	11.9	14.7	21.3	18.8	20.1
17	---	---	---	15.4	11.7	13.5	18.4	13.3	15.9	21.1	18.9	20.0
18	---	---	---	13.9	10.5	12.4	19.4	14.4	17.0	20.7	19.2	19.9
19	---	---	---	16.7	11.2	13.9	19.8	15.5	17.7	21.8	19.5	20.6
20	---	---	---	17.0	12.4	14.7	19.7	16.3	18.0	22.6	19.5	21.1
21	---	---	---	16.1	11.9	14.6	18.9	16.3	17.7	23.3	20.1	21.8
22	---	---	---	13.0	9.1	11.0	19.8	15.9	17.9	23.1	20.7	21.9
23	---	---	---	12.5	7.3	10.0	20.0	16.4	18.3	---	---	---
24	---	---	---	14.2	8.4	11.3	20.6	16.8	18.8	22.9	20.1	21.6
25	---	---	---	16.3	10.4	13.3	20.3	17.5	19.1	23.8	20.8	22.3
26	---	---	---	18.1	12.5	15.2	19.3	17.1	18.4	23.9	21.2	22.6
27	---	---	---	18.5	13.3	16.0	17.8	15.1	16.5	23.8	21.2	22.5
28	---	---	---	19.6	14.1	16.9	17.1	13.1	15.3	23.3	21.3	22.3
29	---	---	---	19.1	15.7	17.2	17.9	14.3	16.1	22.3	21.1	21.7
30	---	---	---	18.7	15.2	16.7	18.1	16.9	17.5	23.5	20.6	22.1
31	---	---	---	15.8	12.2	14.3	---	---	---	22.7	21.1	22.0
MONTH	---	---	---	---	---	---	20.6	10.2	15.6	---	---	---

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02335078 JOHNS CREEK AT BUICE ROAD, NEAR WARSAW, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 121
 LATITUDE 340058 LONGITUDE 0841240 NAD27 DRAINAGE AREA 11.6 CONTRIBUTING DRAINAGE AREA 11.6 DATUM 880 NGVD29

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	21.6	20.0	20.8	24.3	21.7	22.7	25.3	23.3	24.4	23.2	22.4	22.8
2	21.8	19.1	20.5	24.0	22.9	23.4	25.8	23.8	24.7	22.8	22.2	22.4
3	21.7	19.1	20.6	24.2	22.5	23.3	25.4	23.0	24.4	22.4	21.6	22.0
4	22.7	20.0	21.2	24.7	22.4	23.6	25.6	23.4	24.6	22.4	21.0	21.8
5	21.4	18.9	20.3	25.2	23.0	24.1	24.8	23.0	24.0	22.8	21.2	22.0
6	22.0	19.3	20.7	25.2	22.9	24.0	24.5	22.8	23.7	22.4	21.6	22.0
7	22.7	20.0	21.2	24.8	22.2	23.5	22.8	20.6	21.7	22.8	21.9	22.3
8	22.5	21.6	22.0	25.0	22.5	23.8	22.2	19.4	20.9	22.7	21.8	22.3
9	22.9	21.4	22.0	24.8	22.5	23.8	21.7	19.5	20.8	22.9	21.1	22.0
10	24.2	21.8	22.9	25.0	22.8	23.9	21.5	20.4	21.0	23.4	22.0	22.7
11	24.8	22.3	23.5	25.5	22.9	24.2	22.3	19.8	21.2	22.9	21.5	22.3
12	25.0	22.4	23.8	25.5	23.2	24.4	23.5	21.3	22.5	22.6	21.2	21.9
13	24.5	22.9	23.6	26.0	23.4	24.7	22.1	20.2	21.2	21.9	20.9	21.4
14	24.3	23.0	23.6	25.8	23.1	24.5	21.5	19.0	20.4	21.3	19.9	20.7
15	24.2	23.0	23.6	25.2	23.7	24.4	22.5	20.4	21.4	20.9	20.2	20.6
16	25.0	23.4	24.2	24.0	21.9	23.1	23.0	21.4	22.1	22.7	20.8	21.6
17	25.2	23.1	24.2	24.7	22.6	23.5	23.3	21.1	22.3	22.5	21.5	22.0
18	25.3	23.3	24.3	25.1	23.4	24.3	23.3	21.4	22.4	21.5	20.2	20.9
19	25.9	23.5	24.6	24.3	22.4	23.4	23.6	21.1	22.5	20.3	18.2	19.2
20	25.2	22.8	24.1	23.9	21.6	22.9	23.6	21.8	22.8	18.7	17.2	18.1
21	24.4	23.1	23.8	24.2	21.8	23.1	23.5	22.4	22.9	18.8	16.7	17.8
22	24.4	22.7	23.7	24.4	22.2	23.4	23.6	22.0	22.9	19.0	16.2	17.8
23	24.6	23.0	23.6	25.5	22.9	24.3	23.7	22.3	23.0	19.9	16.8	18.5
24	23.4	22.3	22.9	25.8	23.4	24.7	23.4	21.8	22.7	20.7	18.4	19.6
25	24.2	22.5	23.3	25.1	24.0	24.6	24.1	22.2	23.1	20.7	18.9	19.9
26	23.7	22.5	23.1	25.1	23.1	24.1	24.2	22.8	23.5	20.3	18.4	19.6
27	24.1	22.3	23.1	24.3	23.2	23.7	24.1	22.4	23.4	20.4	19.5	19.8
28	24.0	22.6	23.1	25.2	23.0	24.0	24.6	22.8	23.8	21.2	20.1	20.6
29	23.7	21.8	22.8	24.3	22.9	23.6	24.2	23.0	23.6	20.6	19.3	20.0
30	23.2	22.3	22.6	25.4	23.6	24.5	24.3	22.4	23.4	20.0	18.1	19.1
31	---	---	---	24.9	23.6	24.3	24.3	22.5	23.4	---	---	---
MONTH	25.9	18.9	22.8	26.0	21.6	23.9	25.8	19.0	22.7	23.4	16.2	20.8