

**APALACHICOLA RIVER BASIN
2004 Water Year**

02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA

LOCATION.—Lat 34°05'47", long 84°04'43" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit Code 03130001, 20.0 feet upstream of the culvert on Suwanee Dam Road, 2.4 miles upstream from the confluence with the Chattahoochee River.

DRAINAGE AREA.—5.04 square miles.

COOPERATION.—Gwinnett County Department of Public Utilities.

PERIOD OF RECORD.—May 10, 2001 to current year.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: May 10, 2001 to current year.

WATER TEMPERATURE: May 10, 2001 to current year.

TURBIDITY:— May 10, 2001 to current year.

INSTRUMENTATION.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor.

REMARKS.—Records good, except for turbidity records, which are fair.

EXTREMES FOR PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: Maximum recorded, 111 microsiemens, September 11, 2003; minimum recorded, 17 microsiemens, June 18, 2003.

WATER TEMPERATURE: Maximum recorded, 25.0°C, July 30, September 21, 2002; minimum recorded, 0.6°C, January 24, 2003.

TURBIDITY: Maximum recorded, >2,200 NTU, on many days; minimum recorded, 3.2 NTU, May 11, 2001.

EXTREMES FOR CURRENT YEAR:

SPECIFIC CONDUCTANCE: Maximum recorded, 89 microsiemens, November 8; minimum recorded, 22 microsiemens, September 16.

WATER TEMPERATURE: Maximum recorded, 24.3°C, July 13; minimum recorded, 3.2°C, January 29.

TURBIDITY: Maximum recorded, >2,200 NTU, on several days; minimum recorded, <5.0 NTU, on many days.

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

STATION NUMBER 02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 340547 LONGITUDE 0840447 NAD27 DRAINAGE AREA 5.04 CONTRIBUTING DRAINAGE AREA DATUM 985 NGVD29

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	75	75	75	79	78	79	---	---	---	73	73	73
2	75	74	75	80	78	78	75	75	75	73	73	73
3	76	74	75	78	77	78	75	75	75	73	72	73
4	76	74	75	78	77	78	79	72	75	73	72	73
5	76	75	76	81	54	74	76	74	74	73	67	72
6	76	75	75	82	60	73	76	75	75	73	71	71
7	76	75	76	87	82	85	77	75	76	74	73	74
8	76	75	75	89	82	87	75	74	75	74	73	74
9	76	74	76	82	78	79	75	74	75	73	68	71
10	77	75	76	78	75	77	74	47	63	72	71	71
11	88	76	77	78	76	77	74	66	71	73	72	72
12	88	81	84	79	77	78	75	74	75	73	72	73
13	81	79	80	78	77	77	77	70	75	73	72	72
14	82	79	80	77	76	77	72	58	66	75	72	73
15	81	79	79	76	76	76	75	72	74	73	72	73
16	79	77	77	77	75	76	75	75	75	73	72	73
17	78	76	76	78	64	70	75	73	75	73	72	73
18	76	75	75	---	---	---	76	75	75	74	69	72
19	76	75	75	---	---	---	76	75	76	72	72	72
20	75	75	75	---	---	---	77	76	76	73	72	73
21	84	75	77	---	---	---	76	76	76	73	72	73
22	76	76	76	---	---	---	77	75	76	73	72	72
23	76	76	76	---	---	---	76	56	74	73	72	73
24	76	76	76	---	---	---	70	56	65	74	72	73
25	77	76	76	---	---	---	72	70	72	72	44	56
26	81	76	77	76	75	76	73	72	73	68	52	63
27	85	74	81	76	63	72	73	72	73	71	68	70
28	75	72	73	---	---	---	73	73	73	74	70	72
29	77	75	76	---	---	---	73	72	73	73	72	72
30	77	76	77	---	---	---	74	68	71	72	72	72
31	79	77	78	---	---	---	73	72	72	73	71	72
MONTH	88	72	77	---	---	---	---	---	---	75	44	72

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

STATION NUMBER 02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 340547 LONGITUDE 0840447 NAD27 DRAINAGE AREA 5.04 CONTRIBUTING DRAINAGE AREA DATUM 985 NGVD29

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 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	75	72	73	74	69	71	73	71	72	79	76	78
2	73	40	66	71	70	70	75	72	73	79	53	63
3	74	47	63	75	70	72	74	72	73	76	68	72
4	73	70	70	71	70	71	75	73	74	80	76	77
5	73	71	71	72	70	71	74	72	73	80	79	80
6	73	35	57	72	68	71	74	72	73	82	80	80
7	67	56	63	72	71	71	74	72	73	83	81	82
8	70	67	69	72	70	71	74	72	73	84	81	83
9	71	70	70	72	71	72	75	72	73	81	75	80
10	71	71	71	72	71	71	77	73	74	84	77	83
11	72	71	71	72	70	71	75	69	74	84	82	83
12	71	41	56	71	70	71	75	55	73	82	69	80
13	68	63	67	74	70	71	67	54	63	79	44	70
14	70	68	69	72	69	71	71	67	69	75	60	68
15	71	46	61	72	70	71	72	70	71	78	75	76
16	68	58	64	74	71	72	72	71	71	79	78	78
17	69	67	68	74	70	72	74	72	73	79	78	78
18	70	69	69	72	70	71	74	72	73	80	77	79
19	70	69	70	72	69	71	74	72	73	79	76	78
20	70	70	70	74	70	72	75	74	75	79	77	78
21	72	70	71	73	72	73	75	74	74	79	78	79
22	73	71	71	73	71	72	77	75	76	80	78	79
23	71	70	71	73	71	72	78	76	77	80	76	77
24	71	70	70	72	70	72	78	76	77	78	76	77
25	71	70	71	74	70	72	79	77	78	77	76	77
26	72	66	70	73	70	72	78	74	76	77	76	77
27	74	72	73	74	71	73	77	76	76	77	76	77
28	72	70	71	74	72	73	77	77	77	78	76	77
29	73	70	70	74	72	73	78	77	77	79	77	77
30	---	---	---	78	71	75	78	77	77	78	76	77
31	---	---	---	76	73	74	---	---	---	77	55	70
MONTH	75	35	68	78	68	72	79	54	74	84	44	77

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

STATION NUMBER 02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 340547 LONGITUDE 0840447 NAD27 DRAINAGE AREA 5.04 CONTRIBUTING DRAINAGE AREA DATUM 985 NGVD29

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	76	71	73	79	29	68	75	72	73	77	68	73
2	78	76	77	68	43	57	78	75	77	84	68	72
3	79	77	78	71	66	68	80	78	79	76	74	76
4	78	77	77	72	64	70	81	80	80	77	76	77
5	80	77	79	74	70	72	81	63	78	78	77	77
6	78	76	76	75	74	74	79	77	78	78	77	77
7	78	74	77	76	74	75	79	78	78	78	24	47
8	80	72	78	76	74	76	79	78	78	65	45	57
9	81	79	80	77	76	76	78	76	77	76	64	70
10	82	81	81	78	76	77	77	76	76	80	76	78
11	84	82	83	77	75	77	76	75	76	81	79	80
12	84	82	83	81	75	77	77	30	53	82	80	80
13	82	70	79	79	76	77	68	56	62	83	80	81
14	82	79	80	77	63	75	72	68	71	82	79	80
15	81	66	77	74	68	71	77	72	74	80	70	77
16	78	72	76	84	73	75	78	71	76	81	22	59
17	82	78	80	79	69	76	77	75	76	68	39	57
18	82	79	80	77	72	76	80	76	77	71	65	68
19	82	79	80	80	76	78	79	77	78	75	71	73
20	81	79	80	80	78	79	78	73	77	76	75	75
21	84	80	81	79	78	78	79	73	77	78	76	77
22	84	76	81	79	78	78	77	77	77	83	78	80
23	83	77	81	79	77	78	82	77	78	79	77	78
24	82	78	81	80	79	80	78	77	77	79	78	78
25	81	63	75	80	78	79	78	77	77	79	78	79
26	82	75	80	81	74	78	78	76	77	79	78	78
27	84	24	66	81	78	79	78	77	77	78	31	65
28	68	49	60	79	75	77	79	77	78	73	36	59
29	77	68	72	78	36	72	84	75	78	75	68	72
30	76	73	75	63	38	53	82	77	78	77	75	76
31	---	---	---	72	63	68	78	76	77	---	---	---
MONTH	84	24	78	84	29	74	84	30	76	84	22	73

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

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 LATITUDE 340547 LONGITUDE 0840447 NAD27 DRAINAGE AREA 5.04 CONTRIBUTING DRAINAGE AREA DATUM 985 NGVD29

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

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	16.7	14.3	15.4	16.2	13.1	14.7	---	---	---	8.9	5.7	7.4
2	15.9	13.5	14.7	16.4	13.3	14.9	9.6	7.2	8.5	10.3	7.7	9.1
3	15.0	12.9	14.0	16.4	13.2	14.9	8.5	7.9	8.2	12.6	9.7	11.2
4	16.2	13.2	14.8	17.3	15.2	16.3	8.0	6.8	7.2	13.7	11.3	12.5
5	16.8	14.2	15.6	19.7	17.1	18.0	8.5	7.4	8.0	14.2	10.7	13.3
6	17.5	16.1	16.8	19.9	18.5	19.1	8.7	7.4	7.8	10.7	6.0	8.2
7	18.1	16.8	17.4	19.0	17.0	17.9	8.1	5.8	7.1	6.0	3.8	4.8
8	18.2	17.2	17.6	17.2	15.4	16.2	8.3	5.7	7.1	5.8	3.5	4.7
9	18.3	17.5	17.9	15.4	13.0	14.4	9.9	6.8	8.3	6.8	5.5	6.1
10	18.3	17.6	17.9	13.2	11.4	12.3	11.2	8.9	10.3	6.7	5.2	6.2
11	17.6	17.2	17.4	14.2	11.0	12.6	8.9	7.5	8.1	6.3	3.8	5.1
12	19.0	17.1	17.9	16.0	12.4	14.3	8.6	6.3	7.5	7.2	4.1	5.7
13	18.7	16.8	17.8	15.7	10.5	13.3	7.9	6.9	7.4	8.9	6.4	7.5
14	19.1	16.5	18.2	11.0	8.6	9.9	7.9	6.0	7.0	9.4	6.2	7.8
15	16.5	14.3	15.4	12.2	9.4	10.7	8.8	6.5	7.6	9.7	7.6	8.9
16	15.5	12.4	14.0	13.7	10.4	12.1	10.1	6.6	8.2	8.6	5.8	7.2
17	14.7	12.5	13.8	16.3	13.7	15.3	10.1	7.1	8.5	7.8	5.9	7.0
18	15.3	12.5	14.0	17.0	15.1	16.0	8.0	5.9	7.1	9.6	7.6	8.6
19	15.6	12.5	14.1	17.4	14.3	16.3	8.0	6.3	7.1	8.9	5.7	7.2
20	16.2	13.1	14.7	14.6	12.5	13.6	6.3	4.9	5.6	6.3	3.8	5.2
21	17.0	13.6	15.4	14.1	11.5	12.9	6.2	3.7	5.0	6.4	3.8	5.1
22	16.6	14.6	15.7	13.7	11.1	12.5	7.4	4.2	5.8	7.0	4.0	5.6
23	15.7	12.9	14.4	13.9	11.1	12.7	9.6	5.6	7.4	6.3	4.1	5.3
24	15.4	12.9	14.2	13.9	10.5	13.0	9.6	7.2	9.0	8.2	4.0	6.1
25	16.0	13.7	14.8	10.5	8.3	9.5	7.2	5.5	6.4	8.2	4.9	6.8
26	16.3	15.3	15.7	11.1	8.4	9.9	7.5	4.8	6.2	6.0	5.0	5.6
27	16.3	14.2	15.8	12.1	10.8	11.3	7.8	4.9	6.4	7.0	5.1	6.2
28	14.2	12.2	13.2	---	---	---	8.1	5.3	6.7	5.6	3.4	4.6
29	14.7	12.3	13.5	---	---	---	10.0	6.8	8.2	6.3	3.2	4.8
30	15.2	11.8	13.5	---	---	---	10.1	7.6	9.0	7.8	5.0	6.3
31	15.8	12.7	14.3	---	---	---	8.3	5.8	7.1	7.2	4.6	6.0
MONTH	19.1	11.8	15.5	---	---	---	---	---	---	14.2	3.2	7.0

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

STATION NUMBER 02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 340547 LONGITUDE 0840447 NAD27 DRAINAGE AREA 5.04 CONTRIBUTING DRAINAGE AREA DATUM 985 NGVD29

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

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.3	4.8	6.1	13.4	8.4	10.8	13.1	9.2	11.0	18.1	16.4	17.1
2	6.5	3.3	5.3	15.4	12.3	13.6	13.7	9.3	11.5	18.1	15.5	17.4
3	8.0	4.0	6.2	16.2	13.4	14.6	16.3	10.2	13.0	15.5	13.1	14.2
4	7.6	5.0	6.3	15.8	13.4	14.6	15.2	10.6	12.6	15.4	11.1	13.3
5	6.6	6.3	6.5	15.8	13.7	14.8	15.2	9.2	12.0	17.5	12.2	14.8
6	8.2	5.7	6.9	16.9	14.1	15.6	16.1	9.7	12.8	19.0	14.4	16.8
7	7.9	5.6	6.7	15.7	11.8	13.5	16.5	10.8	13.6	19.7	15.3	17.5
8	7.3	4.5	5.9	12.8	9.5	11.1	17.1	12.9	14.8	20.3	15.9	18.1
9	7.2	5.6	6.3	11.5	8.1	9.8	17.8	12.1	14.8	20.6	17.1	18.8
10	8.2	6.0	7.1	12.2	7.6	9.8	15.7	11.4	13.8	20.1	17.3	18.7
11	8.9	7.4	8.2	12.5	7.1	9.8	15.9	13.1	14.6	20.1	17.8	18.8
12	8.5	6.3	7.3	13.1	8.6	10.6	15.2	12.9	14.1	20.3	17.7	18.7
13	9.8	6.6	8.3	12.7	8.0	10.3	13.5	10.6	12.6	22.3	18.5	19.7
14	9.3	8.7	9.1	14.4	9.8	12.0	13.5	9.4	11.2	20.0	18.4	19.1
15	9.2	7.7	8.5	15.4	12.6	13.9	15.9	9.7	12.7	20.3	17.7	19.0
16	7.9	7.0	7.5	16.3	13.0	14.3	17.1	11.0	14.0	19.8	17.7	18.8
17	8.1	6.6	7.3	14.9	10.7	12.5	18.1	12.2	15.1	20.0	17.7	18.9
18	9.7	6.0	7.7	13.5	9.5	11.6	19.0	13.2	16.0	19.5	18.1	18.7
19	10.1	5.7	8.0	16.4	10.2	13.1	19.1	14.1	16.6	20.3	18.0	19.1
20	10.3	6.9	8.7	16.3	11.4	13.8	18.8	14.9	16.8	21.2	18.0	19.6
21	11.9	9.2	10.5	15.4	10.6	13.7	18.1	15.1	16.6	21.8	18.7	20.2
22	11.0	7.0	9.0	12.5	8.1	10.1	19.2	14.7	16.9	20.8	19.2	20.1
23	9.3	7.6	8.6	12.4	6.7	9.5	19.5	15.3	17.3	21.6	18.7	20.1
24	10.4	9.2	9.7	14.2	7.9	10.9	19.8	15.6	17.7	21.4	18.3	19.9
25	10.1	8.3	9.3	16.1	9.8	12.8	19.6	16.3	18.0	22.3	19.4	20.8
26	8.3	5.5	6.2	17.8	11.8	14.6	18.3	15.4	17.3	22.4	19.9	21.1
27	8.0	5.7	6.7	18.3	12.3	15.1	16.4	13.4	14.9	22.1	19.7	20.9
28	10.1	5.4	7.6	18.9	12.9	15.8	16.4	11.8	14.2	21.8	19.9	20.8
29	10.4	6.1	8.3	18.4	14.8	16.2	16.9	13.3	15.1	20.7	19.6	20.2
30	---	---	---	17.6	14.3	15.5	17.1	15.8	16.4	22.2	19.2	20.6
31	---	---	---	14.3	10.9	12.9	---	---	---	21.2	19.4	20.7
MONTH	11.9	3.3	7.6	18.9	6.7	12.8	19.8	9.2	14.6	22.4	11.1	18.8

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

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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	20.3	18.6	19.4	22.9	20.3	21.3	23.9	22.0	22.9	22.0	21.1	21.7
2	20.6	17.8	19.2	22.8	21.0	21.8	24.2	22.3	23.2	21.6	21.1	21.4
3	20.4	17.9	19.3	23.0	20.9	21.9	23.8	21.6	22.8	21.4	20.5	20.9
4	21.2	18.8	19.9	23.6	20.8	22.0	24.0	21.9	22.9	21.6	20.0	20.8
5	20.2	17.5	19.0	23.3	20.6	22.0	24.2	21.5	22.6	21.9	20.3	21.1
6	20.8	18.1	19.3	23.3	20.9	22.0	22.7	21.4	22.1	21.7	20.6	21.1
7	20.3	18.9	19.6	22.9	20.7	21.8	21.4	19.2	20.2	22.5	21.3	21.9
8	20.4	19.3	19.8	23.2	21.1	22.1	20.9	18.1	19.6	22.0	20.8	21.5
9	20.8	19.4	20.0	23.3	21.1	22.2	20.9	18.3	19.7	21.9	20.1	21.0
10	21.9	19.2	20.5	23.7	21.5	22.5	20.8	19.5	20.2	21.8	20.2	20.8
11	23.0	20.1	21.5	23.8	21.5	22.7	21.6	19.0	20.3	21.6	19.6	20.6
12	23.6	20.7	22.1	23.4	21.7	22.6	21.9	20.2	21.1	21.4	19.6	20.5
13	22.7	21.3	21.9	24.3	21.9	23.0	20.8	18.6	19.7	20.6	19.6	20.1
14	22.4	20.8	21.6	23.9	21.7	22.8	20.5	17.7	19.2	20.5	18.9	19.7
15	23.5	21.0	21.9	23.0	21.3	22.2	21.3	19.5	20.3	20.2	19.1	19.7
16	22.9	21.1	21.9	22.2	19.9	21.2	21.7	20.2	20.9	22.5	20.1	21.1
17	23.8	21.1	22.4	23.3	21.0	21.9	21.8	19.9	20.9	22.0	20.5	21.2
18	23.6	21.6	22.5	23.1	21.2	22.2	22.3	20.3	21.3	20.9	19.2	20.0
19	24.0	21.4	22.7	22.5	20.4	21.5	22.2	19.9	21.1	19.2	17.3	18.3
20	23.3	21.0	22.2	22.4	20.0	21.2	22.4	20.6	21.5	18.0	16.5	17.3
21	22.4	21.3	21.7	22.8	20.2	21.5	22.4	21.2	21.8	18.3	16.3	17.3
22	23.0	20.8	21.7	23.1	20.8	22.0	22.4	20.8	21.6	18.6	16.0	17.4
23	22.4	20.8	21.5	23.8	21.4	22.5	22.5	21.1	21.7	19.6	16.6	18.1
24	21.8	20.9	21.4	24.2	21.7	22.9	22.3	20.7	21.6	20.1	17.7	19.0
25	23.3	20.6	21.8	23.3	22.2	22.7	22.2	21.1	21.7	20.2	18.4	19.2
26	22.4	20.8	21.6	23.3	21.8	22.4	22.6	20.9	21.7	19.7	17.9	18.8
27	23.0	20.8	21.7	22.6	21.7	22.1	22.7	20.7	21.7	20.0	18.8	19.2
28	22.2	21.0	21.5	23.5	21.5	22.4	23.2	21.2	22.3	20.9	19.3	20.0
29	21.9	20.2	21.1	23.9	21.5	22.4	22.8	21.6	22.2	19.8	18.4	19.1
30	21.3	20.6	20.9	23.9	22.6	23.3	22.9	21.0	22.0	19.4	17.2	18.3
31	---	---	---	23.6	22.3	22.9	23.0	21.1	22.0	---	---	---
MONTH	24.0	17.5	21.1	24.3	19.9	22.2	24.2	17.7	21.4	22.5	16.0	19.9

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

STATION NUMBER 02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 340547 LONGITUDE 0840447 NAD27 DRAINAGE AREA 5.04 CONTRIBUTING DRAINAGE AREA DATUM 985 NGVD29

Turbidity, water, unfiltered, nephelometric turbidity units
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	11	5.7	6.3	12	<5.0	5.5	---	---	---	8.7	<5.0	5.7
2	9.3	5.2	6.3	18	<5.0	6.1	9.2	6.2	7.1	22	<5.0	6.7
3	8.0	<5.0	5.7	14	<5.0	5.1	8.7	5.9	6.6	12	5.5	6.8
4	16	<5.0	8.8	22	<5.0	7.3	71	7.1	36	64	5.6	7.7
5	---	---	---	1280	5.4	10	37	7.8	13	238	5.6	12
6	---	---	---	683	17	44	20	5.9	7.0	106	8.5	17
7	---	---	---	21	6.2	10	20	6.3	7.8	13	5.2	5.9
8	---	---	---	13	5.5	6.5	11	5.5	6.8	6.7	<5.0	5.1
9	---	---	---	10	5.6	7.1	18	6.4	7.5	40	5.0	17
10	6.2	<5.0	<5.0	11	<5.0	6.3	972	6.5	210	12	<5.0	7.2
11	6.6	<5.0	<5.0	9.6	<5.0	5.4	139	22	39	14	<5.0	5.6
12	7.7	<5.0	<5.0	51	<5.0	7.1	22	10	13	31	<5.0	5.5
13	7.5	<5.0	<5.0	30	<5.0	8.1	137	8.2	12	9.7	<5.0	<5.0
14	9.9	<5.0	<5.0	7.4	<5.0	<5.0	508	23	82	13	<5.0	5.7
15	11	<5.0	5.0	18	<5.0	5.9	32	10	15	8.9	<5.0	<5.0
16	8.2	<5.0	<5.0	17	<5.0	<5.0	18	8.3	9.4	15	<5.0	<5.0
17	7.5	<5.0	<5.0	848	<5.0	70	54	9.8	26	17	<5.0	5.9
18	8.8	<5.0	<5.0	1650	10	17	26	7.2	13	105	8.5	29
19	5.7	<5.0	<5.0	>2200	73	196	21	6.4	9.0	9.6	<5.0	6.9
20	5.2	<5.0	<5.0	97	45	63	28	5.6	7.7	20	<5.0	5.5
21	10	<5.0	<5.0	1040	36	66	28	6.3	12	11	<5.0	5.3
22	<5.0	<5.0	<5.0	403	21	39	---	---	---	11	<5.0	<5.0
23	7.5	<5.0	<5.0	27	12	16	---	---	---	8.1	<5.0	<5.0
24	6.9	<5.0	<5.0	77	13	32	560	22	56	9.2	<5.0	<5.0
25	5.0	<5.0	<5.0	26	8.6	14	30	8.3	13	962	<5.0	235
26	463	<5.0	130	11	7.6	8.5	14	6.6	7.6	179	24	46
27	190	12	22	301	6.8	9.1	22	5.9	7.2	26	14	17
28	13	7.2	9.2	---	---	---	10	5.3	6.3	16	8.5	12
29	16	6.1	9.5	---	---	---	21	<5.0	7.0	10	7.4	8.3
30	31	<5.0	8.9	---	---	---	91	6.1	35	13	5.7	7.5
31	8.1	<5.0	<5.0	---	---	---	22	5.5	8.0	61	6.7	10
MAX	---	---	---	---	---	---	---	---	---	962	24	235
MIN	---	---	---	---	---	---	---	---	---	6.7	5.0	5.0

< Actual value is known to be less than the value shown
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U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 340547 LONGITUDE 0840447 NAD27 DRAINAGE AREA 5.04 CONTRIBUTING DRAINAGE AREA DATUM 985 NGVD29

Turbidity, water, unfiltered, nephelometric turbidity units
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
FEBRUARY			MARCH			APRIL			MAY			
1	25	6.2	8.0	9.1	<5.0	<5.0	7.5	<5.0	<5.0	57	6.2	18
2	2120	5.5	8.1	24	<5.0	<5.0	<5.0	<5.0	<5.0	>2200	13	92
3	344	31	60	26	<5.0	7.5	5.7	<5.0	<5.0	38	9.7	15
4	31	12	17	240	<5.0	9.9	<5.0	<5.0	<5.0	12	6.2	8.1
5	13	8.7	9.8	47	5.3	9.9	<5.0	<5.0	<5.0	9.3	5.1	7.0
6	1280	7.6	149	214	6.4	26	6.3	<5.0	<5.0	12	6.0	7.1
7	107	28	42	17	<5.0	6.5	<5.0	<5.0	<5.0	16	5.6	7.1
8	33	18	23	9.5	<5.0	<5.0	---	---	---	13	5.7	7.6
9	24	11	12	5.2	<5.0	<5.0	---	---	---	536	5.8	8.1
10	12	8.7	10	<5.0	<5.0	<5.0	9.3	<5.0	<5.0	387	9.4	20
11	11	<5.0	7.9	7.1	<5.0	<5.0	59	<5.0	13	32	5.9	8.5
12	694	6.8	110	<5.0	<5.0	<5.0	879	<5.0	5.5	1330	6.1	7.5
13	44	13	18	<5.0	<5.0	<5.0	887	42	134	>2200	19	78
14	49	12	30	<5.0	<5.0	<5.0	42	13	21	289	25	48
15	599	16	112	8.2	<5.0	<5.0	20	8.0	12	32	13	16
16	92	14	25	8.0	<5.0	<5.0	16	6.1	8.4	44	10	13
17	14	7.2	9.4	<5.0	<5.0	<5.0	12	5.1	6.9	17	9.1	11
18	8.8	5.3	6.8	<5.0	<5.0	<5.0	9.9	<5.0	6.4	54	9.0	14
19	19	5.4	6.8	<5.0	<5.0	<5.0	11	<5.0	6.3	23	7.7	11
20	14	<5.0	6.0	<5.0	<5.0	<5.0	10	<5.0	5.9	35	7.7	11
21	18	<5.0	6.4	<5.0	<5.0	<5.0	8.4	<5.0	5.6	19	7.6	10
22	21	5.4	9.7	25	<5.0	<5.0	9.6	<5.0	5.3	36	8.8	11
23	34	<5.0	7.3	6.7	<5.0	<5.0	21	<5.0	5.6	12	7.1	9.7
24	9.8	<5.0	5.3	8.6	<5.0	<5.0	9.0	<5.0	5.7	23	6.9	9.2
25	15	<5.0	5.4	6.5	<5.0	<5.0	9.1	<5.0	5.6	21	8.1	10
26	90	5.3	27	<5.0	<5.0	<5.0	121	5.7	24	26	9.0	11
27	68	8.1	13	<5.0	<5.0	<5.0	18	5.4	7.7	22	8.8	11
28	12	<5.0	5.5	<5.0	<5.0	<5.0	9.7	<5.0	5.8	21	10	12
29	8.0	<5.0	<5.0	<5.0	<5.0	<5.0	12	<5.0	5.0	17	9.3	13
30	---	---	---	96	<5.0	27	11	<5.0	5.4	18	8.7	11
31	---	---	---	8.2	<5.0	<5.0	---	---	---	1760	10	63
MAX	2120	31	149	240	6.4	27	---	---	---	2200	25	92
MIN	8.0	5.0	5.0	5.0	5.0	5.0	---	---	---	9.3	5.1	7.0

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

STATION NUMBER 02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 340547 LONGITUDE 0840447 NAD27 DRAINAGE AREA 5.04 CONTRIBUTING DRAINAGE AREA DATUM 985 NGVD29

Turbidity, water, unfiltered, nephelometric turbidity units
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	73	16	21	>2200	18	40	31	10	14	207	<5.0	23
2	29	9.8	13	433	50	100	26	8.7	11	137	9.9	24
3	15	8.3	11	54	22	33	16	8.5	10	11	<5.0	6.0
4	33	9.1	11	365	18	29	12	6.7	8.3	10	<5.0	<5.0
5	14	8.1	11	67	15	28	610	6.9	12	5.6	<5.0	<5.0
6	29	6.9	10	17	10	12	40	9.3	16	7.0	<5.0	<5.0
7	345	8.3	10	16	7.6	9.8	18	6.7	9.2	2140	<5.0	361
8	584	15	65	34	6.8	8.2	12	6.2	8.2	278	33	74
9	21	10	14	12	6.2	7.7	11	6.1	7.1	46	15	23
10	32	7.9	10	10	5.9	7.2	7.5	<5.0	6.2	16	9.0	12
11	18	7.5	9.6	11	5.8	8.2	17	<5.0	5.8	20	6.9	9.5
12	13	7.6	10	21	6.5	11	>2200	17	147	8.7	5.0	6.6
13	369	10	39	22	8.4	9.8	376	31	63	9.0	5.0	5.8
14	32	8.6	14	522	6.8	9.0	87	15	23	27	6.2	7.2
15	503	8.2	13	205	18	45	24	9.3	12	67	6.2	7.9
16	182	14	28	23	8.1	11	95	11	15	>2200	7.7	43
17	23	7.5	11	107	6.0	8.4	28	7.9	11	615	86	159
18	38	6.8	9.5	44	9.2	20	16	8.5	10	86	37	60
19	66	6.7	9.6	14	5.7	7.5	12	7.0	8.4	39	23	31
20	15	6.6	9.1	11	5.1	6.9	74	6.9	12	34	18	21
21	23	8.3	11	11	<5.0	6.5	50	8.7	21	18	12	15
22	55	6.6	10	9.8	5.0	6.1	---	---	---	17	11	13
23	201	8.2	16	9.0	<5.0	6.2	---	---	---	14	9.5	12
24	101	11	26	12	<5.0	6.1	9.3	<5.0	5.1	16	9.7	12
25	1970	18	132	14	<5.0	6.1	7.0	<5.0	5.3	16	7.1	9.6
26	171	18	37	75	5.8	15	5.6	<5.0	<5.0	12	6.8	8.1
27	>2200	9.9	20	15	5.0	6.5	9.6	<5.0	<5.0	>2200	8.4	12
28	413	81	165	15	<5.0	5.7	7.7	<5.0	<5.0	632	49	123
29	87	27	44	>2200	5.5	7.7	70	<5.0	<5.0	49	21	32
30	48	19	24	865	64	146	24	<5.0	<5.0	24	13	18
31	---	---	---	64	16	26	4.1	<5.0	<5.0	---	---	---
MAX	2200	81	165	2200	64	146	---	---	---	2200	86	361
MIN	13	6.6	9.1	9.0	5.0	5.7	---	---	---	5.6	5.0	5.0

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