

**APALACHICOLA RIVER BASIN  
2001 and 2002 Water Years**

**02334480 RICHLAND CREEK ON SUWANEE DAM ROAD, NEAR BUFORD, GA**

**LOCATION.**—Lat 34°07'57", long 84°04'12" referenced to North American Datum (NAD) of 1927, Hydrologic Unit Code 03130001, Gwinnett County, at concrete box culvert on Suwanee Dam Road near Buford, 7.0 miles south of Buford Dam, and 1.25 river miles from the confluence of the Chattahoochee River.

**DRAINAGE AREA.**—9.34 mi<sup>2</sup>.

**COOPERATION.**—Gwinnett County Department of Public Works.

**PERIOD OF RECORD.**—May 17, 2001 to current year.

**CONTINUOUS WATER-QUALITY RECORDS**

**PERIOD OF DAILY RECORD.**—

**SPECIFIC CONDUCTANCE:** May 17, 2001 to current water year.

**WATER TEMPERATURE:** May 17, 2001 to current water year.

**TURBIDITY:** May 17, 2001 to current water year.

**INSTRUMENTATION.**—Satellite telemetry with a continuous water-quality monitor.

**REMARKS.**—Records fair, except turbidity, which are poor.

**EXTREMES FOR PERIOD OF DAILY RECORD.**—

**SPECIFIC CONDUCTANCE:** Maximum recorded, 128 microsiemens, August 26, 2002; minimum recorded, 21 microsiemens, February 6, 2002.

**WATER TEMPERATURE:** Maximum recorded, 26.7°C, August 12, 2002; minimum recorded, 0.3°C, January 4, 2002.

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

**EXTREMES FOR 2001 WATER YEAR.**—

**SPECIFIC CONDUCTANCE:** Maximum, 97 microsiemens, May 31; minimum, 24 microsiemens, July 31 and August 13.

**WATER TEMPERATURE:** Maximum 24.5°C, July 25; minimum 12.6°C, September 27.

**TURBIDITY:** Maximum, >2,200 NTU, September 24; minimum, <5.0 NTU, September 15-18, 21-23.

**EXTREMES FOR CURRENT YEAR.**—

**SPECIFIC CONDUCTANCE:** Maximum, 128 microsiemens, August 26; minimum, 21 microsiemens, February 6.

**WATER TEMPERATURE:** Maximum, 26.7°C, August 12; minimum, 0.3°C, January 4.

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



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

STATION NUMBER 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135  
LATITUDE 340757 LONGITUDE 0840412 NAD27 DRAINAGE AREA 9.34 CONTRIBUTING DRAINAGE AREA 9.34 DATUM 920.00 NGVD29  
Date Processed: 2003-03-14 10:47 By ceoberst

APPROVED  
DD #5, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	90	85	87
19	---	---	---	---	---	---	---	---	---	91	84	86
20	---	---	---	---	---	---	---	---	---	88	84	86
21	---	---	---	---	---	---	---	---	---	89	84	86
22	---	---	---	---	---	---	---	---	---	89	83	86
23	---	---	---	---	---	---	---	---	---	87	83	85
24	---	---	---	---	---	---	---	---	---	87	82	85
25	---	---	---	---	---	---	---	---	---	88	79	84
26	---	---	---	---	---	---	---	---	---	88	84	86
27	---	---	---	---	---	---	---	---	---	89	84	87
28	---	---	---	---	---	---	---	---	---	88	67	78
29	---	---	---	---	---	---	---	---	---	83	57	73
30	---	---	---	---	---	---	---	---	---	86	83	85
31	---	---	---	---	---	---	---	---	---	97	84	88
MONTH	---	---	---	---	---	---	---	---	---	97	57	84



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 Date Processed: 2003-03-14 11:59 By ceoberst

APPROVED  
 DD #5, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	85	80	83	85	81	84	85	81	83	84	80	82
2	89	80	83	86	82	84	86	81	84	83	79	81
3	85	81	83	86	82	84	86	81	84	81	78	80
4	84	80	82	86	82	85	86	80	83	84	81	82
5	85	82	84	87	83	85	85	80	82	84	81	83
6	85	64	75	88	82	85	89	73	82	83	63	75
7	84	78	81	88	81	84	88	81	84	79	76	78
8	86	83	85	86	81	84	86	82	84	80	78	79
9	87	82	84	87	81	84	86	82	84	81	78	80
10	90	82	84	86	81	84	88	71	81	82	79	81
11	87	82	84	87	81	85	83	73	79	81	79	80
12	87	84	85	87	82	85	85	81	83	81	78	80
13	88	83	85	87	81	84	84	63	77	81	79	80
14	89	79	84	86	78	83	84	75	80	---	---	---
15	85	82	83	85	80	82	84	81	83	84	80	82
16	88	84	86	87	82	84	85	80	83	84	79	82
17	90	83	87	88	82	85	85	44	75	84	79	81
18	88	83	85	86	82	85	77	55	70	82	79	80
19	88	83	86	87	81	85	80	77	79	---	---	---
20	88	82	86	87	83	85	81	79	80	---	---	---
21	85	82	83	102	84	90	85	79	81	---	---	---
22	91	85	88	96	76	85	85	79	82	---	---	---
23	91	86	89	85	76	82	83	63	75	---	---	---
24	90	86	88	84	78	82	79	63	73	---	---	---
25	89	85	87	84	81	83	80	77	79	---	---	---
26	88	85	87	85	82	84	81	78	80	65	55	59
27	88	84	86	85	82	84	82	79	81	70	65	67
28	87	82	85	86	82	84	82	79	81	71	70	70
29	87	82	85	86	82	84	82	79	81	74	71	73
30	87	82	85	84	78	81	83	79	81	75	73	74
31	87	81	84	---	---	---	82	79	81	77	75	76
MONTH	91	64	85	102	76	84	89	44	80	84	55	78

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APPROVED  
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SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	78	75	77	85	80	83	70	63	68	85	43	66
2	78	77	78	115	22	57	73	70	72	81	70	74
3	78	77	78	49	31	39	75	73	74	77	39	65
4	79	78	78	55	49	52	76	75	75	74	30	54
5	79	77	78	61	55	58	77	76	76	66	57	62
6	78	21	60	65	60	63	79	77	78	75	66	71
7	---	---	---	68	65	66	79	76	77	79	75	77
8	---	---	---	72	68	70	80	77	78	80	77	78
9	---	---	---	73	70	71	79	77	78	80	50	74
10	---	---	---	75	71	73	82	77	78	79	74	76
11	---	---	---	78	73	75	80	77	78	80	78	80
12	---	---	---	79	57	70	79	71	77	81	79	80
13	---	---	---	80	55	68	78	74	77	81	54	75
14	---	---	---	85	80	83	79	76	78	80	76	79
15	77	74	75	85	82	84	79	77	78	81	78	80
16	77	74	76	84	82	83	81	78	79	81	78	80
17	78	74	76	85	81	83	81	78	80	82	79	81
18	79	76	78	81	78	80	81	78	79	79	70	76
19	80	76	78	78	75	76	83	78	80	82	79	80
20	81	75	78	78	74	76	84	78	81	82	80	81
21	80	76	78	78	65	72	83	79	81	84	80	82
22	81	78	80	76	74	75	84	79	82	82	79	81
23	82	79	81	78	73	74	86	80	83	83	80	81
24	83	79	82	80	75	78	85	79	82	82	80	81
25	84	80	82	81	78	80	84	77	82	86	82	84
26	85	80	82	82	64	76	86	82	83	85	82	84
27	85	81	83	80	75	78	84	81	82	85	81	83
28	89	80	83	95	76	81	83	79	82	85	82	84
29	---	---	---	89	78	82	85	82	83	85	82	83
30	---	---	---	82	36	55	84	80	82	85	83	84
31	---	---	---	64	39	57	---	---	---	85	83	84
MONTH	89	21	78	115	22	72	86	63	79	86	30	77





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APPROVED  
 DD #3, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	21.5	16.6	18.7
18	---	---	---	---	---	---	---	---	---	21.8	16.6	19.1
19	---	---	---	---	---	---	---	---	---	18.7	16.8	18.0
20	---	---	---	---	---	---	---	---	---	19.4	17.8	18.6
21	---	---	---	---	---	---	---	---	---	20.8	18.1	19.3
22	---	---	---	---	---	---	---	---	---	19.5	16.2	18.5
23	---	---	---	---	---	---	---	---	---	18.8	13.6	16.2
24	---	---	---	---	---	---	---	---	---	18.1	14.2	16.1
25	---	---	---	---	---	---	---	---	---	18.3	15.9	16.8
26	---	---	---	---	---	---	---	---	---	18.6	13.6	16.1
27	---	---	---	---	---	---	---	---	---	20.1	14.9	17.3
28	---	---	---	---	---	---	---	---	---	18.8	16.6	17.6
29	---	---	---	---	---	---	---	---	---	21.0	18.0	19.1
30	---	---	---	---	---	---	---	---	---	20.3	16.2	18.4
31	---	---	---	---	---	---	---	---	---	20.0	16.8	18.3
MONTH	---	---	---	---	---	---	---	---	---	21.8	13.6	17.9



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TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	16.2	12.9	14.7	14.5	10.5	12.4	13.5	10.3	11.9	4.8	1.6	3.3
2	16.4	12.8	14.7	15.7	11.8	13.6	13.0	9.4	11.2	3.9	2.6	3.5
3	16.8	13.1	15.1	16.6	13.2	14.6	12.5	9.5	10.9	4.1	2.4	3.1
4	17.0	13.6	15.4	15.3	12.2	13.6	11.8	7.9	9.8	3.7	0.3	2.0
5	16.3	14.1	15.3	14.0	9.9	12.0	11.7	7.5	9.6	4.4	0.5	2.5
6	17.5	14.6	16.6	12.5	8.8	10.7	12.6	9.9	11.0	5.3	3.7	4.6
7	15.1	12.2	13.8	12.1	7.5	9.9	14.1	10.2	12.1	5.4	3.9	5.0
8	14.3	11.6	12.9	12.6	8.2	10.3	14.8	11.8	13.5	5.2	2.5	3.7
9	14.1	11.5	12.8	13.0	8.6	10.7	14.2	12.7	13.4	6.4	2.0	4.1
10	15.6	12.2	14.0	12.9	8.6	10.6	13.1	9.9	11.2	8.6	4.2	6.4
11	17.0	15.0	16.0	12.5	8.0	10.2	11.9	9.9	10.9	10.9	7.0	9.1
12	17.9	16.4	17.1	12.8	9.6	10.9	11.8	11.0	11.4	7.0	4.6	6.0
13	19.0	17.3	18.1	11.6	8.7	10.0	12.8	11.8	12.3	7.3	3.8	5.4
14	19.3	16.4	18.4	11.8	7.8	9.7	15.2	12.2	13.8	---	3.9	---
15	17.0	14.2	15.6	12.2	8.1	10.1	12.2	9.0	10.7	7.9	4.7	6.2
16	14.8	12.1	13.6	11.9	7.5	9.7	11.8	9.4	10.5	7.1	3.4	5.2
17	13.0	9.9	11.5	12.3	7.6	10	13.0	11.3	11.9	7.9	3.1	5.4
18	12.9	9.2	11.1	12.5	8.6	10.5	12.8	10.0	11.8	9.4	6.4	7.7
19	13.7	9.5	11.6	12.5	8.5	10.5	10.7	7.8	9.4	7.7	6.7	7.3
20	15.1	11.0	13.0	12.6	9.0	10.9	10.0	7.0	8.6	8.4	5.7	7.0
21	15.9	11.9	13.9	10.3	7.1	8.6	8.4	5.1	6.7	9.4	6.8	7.9
22	16.4	12.7	14.5	10.7	6.4	8.5	8.1	4.6	6.3	8.9	5.4	7.3
23	17.4	14.0	15.6	11.9	9.2	10.4	9.5	6.3	7.9	9.4	7.9	8.6
24	17.1	14.2	15.8	13.9	11.9	12.9	9.3	5.6	7.3	12.2	9.4	10.9
25	16.8	13.4	15.9	16.0	12.7	14.5	6.6	3.7	5.1	11.5	9.5	10.8
26	13.6	11.0	12.3	14.1	10.6	12.5	4.9	3.0	3.9	10.5	7.3	8.9
27	11.2	8.7	9.9	15.9	12.9	14.2	4.9	1.8	3.2	10.6	6.4	8.4
28	10.6	6.9	8.8	15.8	12.7	14.2	6.9	2.8	4.7	11.9	7.3	9.5
29	10.9	6.5	8.7	16.3	13.4	14.8	8.6	5.4	6.7	13.7	9.2	11.3
30	11.9	7.1	9.5	16.0	12.9	15.0	5.9	4.2	5.0	14.4	10.6	12.4
31	12.3	8.0	10.2	---	---	---	5.1	3.7	4.4	14.7	11.3	13.1
MONTH	19.3	6.5	13.8	16.6	6.4	11.6	15.2	1.8	9.3	14.7	0.3	6.9

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TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	14.8	11.3	13.5	8.2	1.4	4.9	17.9	12.3	14.9	17.3	15.1	16.2
2	11.3	7.9	9.6	7.3	5.8	6.5	18.8	11.1	14.8	20.3	16.1	18.1
3	9.1	7.3	8.2	8.6	5.5	7.7	19.1	13.0	15.6	19.1	17.6	18.4
4	9.4	6.4	7.8	7.3	3.4	5.0	16.9	11.3	13.8	17.6	14.9	15.9
5	7.0	5.1	6.2	9.0	2.3	5.4	16.9	9.4	12.8	17.2	14.6	15.8
6	6.8	5.3	5.7	10.8	3.8	7.0	16.3	8.9	12.3	18.2	14.6	16.5
7	7.5	5.6	6.7	12.3	5.3	8.5	16.7	9.6	12.7	19.5	16.1	17.8
8	9.7	5.0	7.2	13.4	6.7	10.0	16.5	12.1	14.1	20.6	17.2	18.9
9	10.5	5.3	7.9	14.2	10.8	12.4	16.0	14.5	15.1	20.9	17.4	19.2
10	13.3	9.3	11.0	12.9	8.0	10.3	19.1	14.3	16.2	20.5	18.0	19.4
11	11.1	7.7	9.5	12.4	5.7	9.0	16.6	15.2	15.6	19.4	18.0	18.7
12	10.1	5.3	7.6	10.2	9.2	9.8	15.7	14.8	15.3	19.2	17.6	18.4
13	10.9	6.6	8.4	14.1	10.1	11.6	16.4	15.0	15.6	20.7	17.8	19.1
14	10.3	5.3	7.7	16.5	9.4	12.6	18.8	15.2	16.7	18.0	14.5	16.4
15	10.8	6.0	8.4	16.4	10.0	13.3	20.4	14.9	17.5	18.1	13.1	15.8
16	11.9	7.8	9.6	18.1	13.2	15.3	21.2	15.3	18.0	18.6	13.8	16.3
17	10.6	6.0	8.1	18.7	14.3	16.3	22.2	16.1	18.9	19.7	15.7	17.8
18	10.1	4.4	7.1	18.9	14.3	16.3	21.9	16.5	19.1	19.2	16.1	18.2
19	10.3	4.5	7.5	17.3	14.5	15.5	22.6	16.5	19.4	17.2	13.9	15.5
20	11.6	8.3	9.7	16.9	13.9	15.2	22.4	17.8	19.8	15.7	13.2	14.4
21	13.1	7.6	10.1	18.4	13.3	15.5	22.2	17.3	19.7	14.8	11.5	13.4
22	11.5	6.9	9.1	13.7	8.2	10.8	19.5	15.9	18.2	16.0	12.5	14.1
23	11.2	5.3	8.1	13.8	5.7	9.4	18.7	13.0	15.9	16.6	11.6	14.2
24	11.7	5.2	8.3	15.2	6.6	10.7	18.7	14.2	16.5	17.7	12.4	15.2
25	12.4	5.7	8.9	16.8	9.4	13.1	19.9	15.8	17.5	18.6	13.8	16.4
26	11.7	7.2	9.3	15.5	13.0	14.1	15.8	13.2	14.3	19.3	15.8	17.6
27	7.2	3.4	5.2	16.8	10.5	13.1	15.6	13.6	14.6	20.1	16.7	18.4
28	7.5	1.2	4.0	16.1	7.9	11.7	19.9	15.4	17.4	20.4	16.7	18.6
29	---	---	---	17.8	9.5	14.1	20.3	16.4	18.2	20.2	16.7	18.5
30	---	---	---	15.6	14.3	14.9	16.4	14.0	14.9	19.9	17.0	18.5
31	---	---	---	16.5	13.9	15.1	---	---	---	21.7	17.9	19.6
MONTH	14.8	1.2	8.2	18.9	1.4	11.5	22.6	8.9	16.2	21.7	11.5	17.1





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

STATION NUMBER 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135  
 LATITUDE 340757 LONGITUDE 0840412 NAD27 DRAINAGE AREA 9.34 CONTRIBUTING DRAINAGE AREA 9.34 DATUM 920.00 NGVD29  
 Date Processed: 2003-03-14 11:04 By ceoberst

APPROVED  
 DD #6, DCP  
 TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	14	8.5	11
18	---	---	---	---	---	---	---	---	---	19	7.9	11
19	---	---	---	---	---	---	---	---	---	102	9.7	12
20	---	---	---	---	---	---	---	---	---	26	8.6	12
21	---	---	---	---	---	---	---	---	---	17	8.2	11
22	---	---	---	---	---	---	---	---	---	27	9.5	13
23	---	---	---	---	---	---	---	---	---	14	8.4	9.9
24	---	---	---	---	---	---	---	---	---	20	8.2	9.6
25	---	---	---	---	---	---	---	---	---	39	12	18
26	---	---	---	---	---	---	---	---	---	16	8.4	11
27	---	---	---	---	---	---	---	---	---	14	8.4	10
28	---	---	---	---	---	---	---	---	---	252	7.9	47
29	---	---	---	---	---	---	---	---	---	731	27	80
30	---	---	---	---	---	---	---	---	---	28	14	19
31	---	---	---	---	---	---	---	---	---	61	10	14
MAX	---	---	---	---	---	---	---	---	---	731	27	80
MIN	---	---	---	---	---	---	---	---	---	14	7.9	9.6

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

STATION NUMBER 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135  
 LATITUDE 340757 LONGITUDE 0840412 NAD27 DRAINAGE AREA 9.34 CONTRIBUTING DRAINAGE AREA 9.34 DATUM 920.00 NGVD29  
 Date Processed: 2003-03-14 11:04 By ceoberst

APPROVED  
 DD #6, DCP  
 TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	>1100	32	885	>1100	173	349	---	---	---	70	7.1	27
2	>1100	79	222	>1100	100	186	---	---	---	17	7.4	10
3	>1100	39	73	>1100	174	531	119	29	39	15	6.9	8.9
4	>1100	43	81	853	120	209	38	21	30	1840	12	91
5	>1100	56	114	133	59	91	34	17	23	33	12	19
6	>1100	32	54	69	42	52	141	19	54	18	9.5	13
7	709	65	130	50	33	39	238	20	69	67	9.7	14
8	70	35	50	43	24	31	>1100	15	21	23	8.1	12
9	55	27	37	134	22	27	58	16	25	14	6.5	8.9
10	35	21	28	90	20	32	46	15	18	23	6.5	8.4
11	36	18	24	116	18	23	48	16	20	62	6.2	9.5
12	563	17	24	83	15	22	169	23	62	558	6.7	12
13	>1100	27	57	41	14	18	>1100	149	617	258	9.5	18
14	>1100	35	60	24	13	16	>1100	118	263	19	6.6	9.1
15	82	28	38	23	12	15	136	57	85	11	<5.0	7.3
16	255	26	45	25	13	16	136	40	56	9.1	<5.0	5.3
17	42	19	24	26	11	15	87	34	39	9.9	<5.0	<5.0
18	59	16	22	44	12	18	41	24	31	38	<5.0	5.7
19	48	16	22	32	16	20	30	19	25	123	5.9	9.6
20	64	20	36	37	14	18	26	15	18	122	12	29
21	62	20	41	21	11	14	63	16	23	18	<5.0	8.1
22	>1100	23	37	24	11	14	34	16	24	13	<5.0	6.5
23	345	29	49	23	10	14	---	---	---	338	<5.0	8.1
24	32	17	23	440	11	26	---	---	---	>2200	77	283
25	29	14	18	>1100	61	659	---	---	---	136	34	63
26	26	14	18	410	101	149	---	---	---	46	19	26
27	>1100	14	18	118	47	66	---	---	---	28	15	19
28	>1100	198	346	882	35	58	17	8.4	12	20	11	14
29	226	47	69	>1100	29	38	20	8.2	11	30	8.7	11
30	>1100	42	129	162	37	56	16	7.1	9.9	19	6.6	9.5
31	---	---	---	>1100	37	420	12	6.7	8.1	---	---	---
MAX	>1100	198	885	>1100	174	659	>1100	149	617	>2200	77	283
MIN	26	14	18	21	10	14	12	6.7	8.1	9.1	<5.0	<5.0

YEAR MAX MAXIMUM >2200 MINIMUM 9.1  
 MIN MAXIMUM 198 MINIMUM <5.0  
 MEDIAN MAXIMUM 885 MINIMUM <5.0

> Actual value is known to be greater than the value shown  
 < Actual value is known to be less than the value shown

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

STATION NUMBER 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135  
 LATITUDE 340757 LONGITUDE 0840412 NAD27 DRAINAGE AREA 9.34 CONTRIBUTING DRAINAGE AREA 9.34 DATUM 920.00 NGVD29  
 Date Processed: 2003-03-14 12:10 By ceoberst

APPROVED  
 DD #6, DCP  
 TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	18	6.1	8.3	---	---	---	7.3	<5.0	5.2	16	7.6	9.9
2	21	5.4	7.0	---	---	---	9.0	<5.0	5.0	16	7.8	9.9
3	---	---	---	---	---	---	---	---	---	72	7.8	13
4	---	---	---	---	---	---	---	---	---	39	6.5	10
5	---	---	---	---	---	---	14	<5.0	5.7	16	6.7	9.3
6	290	7.7	68	---	---	---	397	<5.0	7.2	605	11	118
7	34	7.0	11	---	---	---	31	5.3	9.6	73	18	28
8	19	6.0	8.7	---	---	---	12	<5.0	6.6	36	13	18
9	13	5.0	6.8	---	---	---	12	<5.0	6.3	29	11	15
10	---	---	---	---	---	---	147	<5.0	44	34	9.1	15
11	---	---	---	---	---	---	92	12	24	30	9.3	12
12	12	5.2	6.9	---	---	---	25	7.3	11	25	8.6	12
13	14	5.5	7.1	---	---	---	339	8.7	23	18	7.8	11
14	49	6.8	25	18	<5.0	<5.0	66	14	29	25	8.9	11
15	22	6.1	13	18	<5.0	5.8	18	7.9	13	20	7.4	11
16	22	<5.0	7.9	5.2	<5.0	<5.0	17	6.2	9.9	51	7.3	11
17	34	<5.0	6.7	5.2	<5.0	<5.0	>2200	7.3	11	34	7.3	11
18	33	<5.0	<5.0	6.7	<5.0	<5.0	960	67	124	31	7.5	9.5
19	25	<5.0	<5.0	6.0	<5.0	<5.0	80	31	45	>2200	7.9	238
20	<5.0	<5.0	<5.0	7.5	<5.0	<5.0	43	18	27	573	91	194
21	34	<5.0	<5.0	12	<5.0	<5.0	34	16	22	2080	76	231
22	456	<5.0	8.7	5.9	<5.0	<5.0	36	14	19	159	53	83
23	22	<5.0	<5.0	177	<5.0	<5.0	286	16	46	998	93	181
24	28	<5.0	5.2	98	8.0	15	271	30	54	1680	81	222
25	9.3	<5.0	<5.0	16	6.1	8.7	45	17	23	1680	98	212
26	11	<5.0	<5.0	9.1	<5.0	5.4	34	11	17	118	54	79
27	---	---	---	8.6	<5.0	<5.0	22	9.7	14	59	35	45
28	---	---	---	6.4	<5.0	<5.0	28	10	13	41	26	32
29	---	---	---	9.3	<5.0	<5.0	22	9.4	13	200	19	31
30	---	---	---	21	<5.0	8.3	18	8.3	11	63	22	30
31	---	---	---	---	---	---	25	8.7	11	42	21	27
MAX	456	7.7	68	177	8.0	15	>2200	67	124	>2200	98	238
MIN	<5.0	<5.0	<5.0	5.2	<5.0	<5.0	7.3	<5.0	5.0	16	6.5	9.3

< 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 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135  
LATITUDE 340757 LONGITUDE 0840412 NAD27 DRAINAGE AREA 9.34 CONTRIBUTING DRAINAGE AREA 9.34 DATUM 920.00 NGVD29  
Date Processed: 2003-03-14 12:10 By ceoberst

APPROVED  
DD #6, DCP  
TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	44	19	27	17	<5.0	7.0	150	41	68	>2200	14	237
2	34	18	25	1320	5.2	295	192	27	36	447	18	33
3	30	15	19	252	66	124	99	20	29	>2200	19	242
4	31	15	20	75	29	43	38	13	18	>2200	98	393
5	34	16	21	40	20	28	22	10	15	213	61	102
6	807	16	162	36	14	19	19	8.9	13	84	34	51
7	321	66	126	25	11	16	18	8.3	12	---	---	---
8	94	40	58	24	7.9	12	16	7.8	10	---	---	---
9	48	29	35	65	6.6	13	19	7.4	10	---	---	---
10	44	22	27	35	8.4	14	16	5.7	10	1660	59	123
11	40	20	25	17	6.6	9.5	18	5.4	8.4	67	24	43
12	36	16	22	396	7.2	106	160	5.4	14	45	20	27
13	35	18	22	1260	96	189	50	10	19	>2200	17	28
14	31	11	20	116	24	38	34	6.0	9.6	626	52	80
15	24	8.0	14	46	16	24	24	<5.0	8.6	63	26	37
16	36	8.6	14	32	11	19	10	<5.0	6.7	51	21	28
17	26	8.8	13	27	9.2	16	17	<5.0	7.0	89	14	22
18	21	7.4	11	26	10	16	18	<5.0	6.0	1220	35	94
19	26	6.5	11	30	7.0	15	16	<5.0	6.7	42	<5.0	17
20	77	12	24	48	7.1	14	18	<5.0	7.4	66	10	18
21	29	11	18	191	25	82	9.8	<5.0	5.0	54	11	18
22	23	8.3	12	35	11	18	12	<5.0	6.4	66	14	20
23	29	5.2	9.4	23	8.1	12	32	<5.0	6.3	34	14	18
24	16	5.8	8.1	19	4.7	10	93	<5.0	11	33	7.6	18
25	19	<5.0	8.1	21	5.2	9.6	216	6.1	38	59	11	17
26	27	6.4	13	334	7.1	24	22	<5.0	9.4	40	9.0	15
27	36	5.6	8.4	158	13	22	19	<5.0	8.1	41	9.4	16
28	55	4.7	7.5	36	7.5	14	24	<5.0	7.9	29	9.1	14
29	---	---	---	31	<5.0	10	25	<5.0	7.5	27	8.7	14
30	---	---	---	>2200	9.1	775	35	<5.0	10	24	9.3	14
31	---	---	---	1050	108	189	---	---	---	39	8.5	13
MAX	807	66	162	>2200	108	775	216	41	68	>2200	98	393
MIN	16	4.7	7.5	17	4.7	7.0	9.8	<5.0	5.0	24	<5.0	13

< 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 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135  
LATITUDE 340757 LONGITUDE 0840412 NAD27 DRAINAGE AREA 9.34 CONTRIBUTING DRAINAGE AREA 9.34 DATUM 920.00 NGVD29  
Date Processed: 2003-03-14 12:10 By ceoberst

APPROVED  
DD #6, DCP  
TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	60	6.6	14	>2200	6.4	15	68	8.0	11	30	8.9	14
2	39	7.0	14	1510	112	251	855	8.8	14	31	8.3	14
3	28	6.4	12	>2200	85	300	---	---	---	34	8.3	16
4	127	6.4	13	345	42	70	---	---	---	42	6.3	17
5	263	14	46	60	24	34	---	---	---	34	8.6	21
6	>2200	17	66	44	17	26	8.1	<5.0	<5.0	20	<5.0	7.0
7	406	30	56	37	14	19	9.9	<5.0	<5.0	9.0	<5.0	5.3
8	40	16	22	34	9.2	14	8.2	<5.0	<5.0	9.0	<5.0	<5.0
9	48	8.3	16	26	7.8	12	9.0	<5.0	<5.0	9.8	<5.0	<5.0
10	21	8.2	13	43	7.6	12	9.9	<5.0	<5.0	14	<5.0	<5.0
11	20	8.0	13	41	8.6	16	5.0	<5.0	<5.0	9.9	<5.0	<5.0
12	21	7.4	12	25	8.0	13	350	<5.0	21	8.2	<5.0	<5.0
13	44	6.1	11	42	8.1	16	19	<5.0	8.2	1760	<5.0	<5.0
14	70	6.2	13	25	7.3	16	18	<5.0	5.4	>2200	157	557
15	33	<5.0	<5.0	21	7.8	12	17	<5.0	<5.0	390	110	212
16	9.7	<5.0	<5.0	---	---	---	31	<5.0	<5.0	120	30	52
17	10	<5.0	5.1	18	5.6	8.4	41	5.4	20	35	14	21
18	12	<5.0	5.0	19	5.2	8.1	42	5.0	8.8	1210	21	284
19	17	<5.0	9.0	10	5.6	7.3	37	5.2	9.7	116	38	71
20	29	<5.0	7.4	19	6.0	9.5	38	8.7	18	71	23	41
21	14	<5.0	5.7	17	5.3	7.2	---	---	---	1260	60	243
22	19	<5.0	7.2	14	<5.0	6.6	---	---	---	---	---	---
23	343	5.4	40	9.2	<5.0	6.5	14	<5.0	<5.0	---	---	---
24	29	<5.0	11	13	<5.0	5.9	16	<5.0	5.3	---	---	---
25	14	<5.0	7.2	16	<5.0	6.2	8.5	<5.0	<5.0	---	---	---
26	13	<5.0	6.3	14	<5.0	5.9	1600	<5.0	<5.0	1180	69	164
27	21	<5.0	6.6	10	<5.0	6.1	398	22	66	416	65	183
28	12	<5.0	5.4	12	<5.0	6.3	>2200	20	306	---	---	---
29	17	<5.0	8.0	12	<5.0	7.2	122	26	50	---	---	---
30	20	5.0	9.7	11	<5.0	6.2	39	16	24	34	9.8	17
31	---	---	---	99	5.0	8.2	33	15	23	---	---	---
MAX	>2200	30	66	>2200	112	300	>2200	26	306	>2200	157	557
MIN	9.7	<5.0	<5.0	9.2	<5.0	5.9	5.0	<5.0	<5.0	8.2	<5.0	<5.0

YEAR MAX MAXIMUM >2200 MINIMUM 5.0  
MIN MAXIMUM 157 MINIMUM 4.7  
MEDIAN MAXIMUM 775 MINIMUM <5.0

> Actual value is known to be greater than the value shown  
< Actual value is known to be less than the value shown