

**APALACHICOLA RIVER BASIN
2004 Water Year**

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, Gwinnett County, Hydrologic Unit Code 03130001, 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 square miles.

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 water-stage recorder and 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, 19 microsiemens, September 7, 2004.

WATER TEMPERATURE: Maximum recorded, 26.7°C, August 12, 2002; minimum recorded, 0.3°C, January 4, 2002, January 24, 2003.

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

EXTREMES FOR CURRENT YEAR.—

SPECIFIC CONDUCTANCE: Maximum recorded, 107 microsiemens, October 14; minimum recorded, 19 microsiemens, September 7.

WATER TEMPERATURE: Maximum recorded, 24.8°C, July 13; minimum recorded, 2.5°C, January 29.

TURBIDITY: Maximum recorded, >2,200 NTU, on many days; minimum recorded, <5.0 NTU, April 23.

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

STATION NUMBER 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD,GA 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

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	86	81	84	88	83	85	82	80	81	84	80	82
2	87	82	85	87	82	85	82	81	81	85	82	83
3	88	82	85	87	82	85	83	81	82	82	78	81
4	88	83	85	86	82	84	86	81	84	83	78	81
5	86	82	85	86	55	82	81	79	80	82	72	78
6	87	82	85	80	54	71	81	78	79	82	76	80
7	88	82	85	83	80	82	82	79	81	84	80	82
8	87	83	85	85	81	83	82	79	81	85	80	82
9	87	83	85	86	81	83	83	79	81	83	74	78
10	88	83	85	86	81	84	80	49	66	82	78	80
11	88	84	86	86	80	83	76	65	73	83	78	81
12	89	84	86	87	82	85	78	75	77	85	80	82
13	90	85	88	88	84	86	78	73	77	84	79	81
14	107	84	89	89	84	87	73	60	66	84	78	81
15	104	85	89	88	82	85	76	71	74	84	79	82
16	97	85	88	89	82	86	78	76	76	84	79	82
17	90	86	87	87	61	74	81	75	78	85	80	82
18	88	84	86	81	33	75	83	78	81	82	74	78
19	88	83	86	59	32	46	82	78	80	80	77	79
20	87	84	86	69	59	64	83	79	81	82	78	80
21	88	84	86	74	69	72	83	78	81	82	77	80
22	90	86	89	75	70	73	88	78	81	81	76	79
23	90	85	87	79	74	76	88	72	82	---	---	---
24	88	83	86	79	75	77	79	62	73	83	78	81
25	87	82	85	82	79	81	79	77	78	83	49	63
26	87	73	81	85	80	83	80	77	79	72	57	68
27	83	74	80	85	66	80	81	78	79	76	72	73
28	85	81	83	75	65	71	81	78	80	80	75	77
29	90	77	83	78	75	77	81	78	80	81	78	79
30	89	83	86	80	78	79	81	75	79	81	77	79
31	87	82	85	---	---	---	83	78	81	85	77	79
MONTH	107	73	86	89	32	79	88	49	78	---	---	---

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

STATION NUMBER 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD,GA 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

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	81	78	80	79	73	77	81	74	78	80	68	75
2	81	43	73	81	77	79	81	75	78	76	55	69
3	73	51	68	81	77	78	80	74	77	79	72	76
4	76	72	74	81	76	78	80	74	78	80	72	76
5	84	75	77	80	76	78	81	74	77	81	77	79
6	79	36	61	82	73	78	80	75	77	81	77	79
7	72	62	68	80	76	78	82	75	78	87	77	79
8	75	72	73	80	72	77	83	76	79	81	76	79
9	78	74	75	81	72	78	83	71	78	81	76	79
10	82	75	77	81	70	77	81	75	79	81	74	79
11	80	75	78	86	71	78	81	74	78	82	75	78
12	80	48	62	87	71	79	84	64	77	83	73	79
13	73	69	71	82	75	78	76	56	67	83	71	79
14	73	70	72	79	75	77	78	74	76	81	75	79
15	74	53	67	93	72	78	78	73	77	82	78	80
16	76	67	73	86	74	79	79	73	77	82	77	80
17	77	73	75	84	71	78	80	76	78	82	77	79
18	78	74	76	81	70	76	80	75	78	83	77	80
19	79	76	77	82	71	77	80	76	78	85	76	80
20	80	75	78	80	74	77	81	76	79	86	77	82
21	80	77	78	81	75	78	81	77	79	89	76	80
22	80	77	78	82	67	77	82	77	80	82	77	80
23	80	77	78	86	76	80	84	79	82	81	77	79
24	80	76	79	81	71	77	86	81	84	80	77	79
25	82	77	79	86	76	80	86	82	84	84	77	80
26	81	75	77	81	75	78	---	---	---	81	77	79
27	81	77	79	81	74	78	---	---	---	81	74	77
28	82	77	79	80	73	77	80	73	77	84	75	80
29	81	76	78	82	74	77	81	76	79	87	81	84
30	---	---	---	82	70	75	81	74	78	87	82	85
31	---	---	---	84	75	78	---	---	---	83	61	76
MONTH	84	36	74	93	67	78	---	---	---	89	55	79

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

STATION NUMBER 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD,GA 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

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 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	83	77	81	85	30	72	69	65	67	75	72	73
2	88	77	82	59	38	52	72	69	71	86	52	71
3	85	75	82	67	59	63	74	68	70	93	80	83
4	88	79	82	71	67	69	72	69	70	87	81	84
5	83	77	81	76	70	73	72	69	71	88	81	84
6	83	77	81	79	73	76	72	70	71	90	83	87
7	83	66	80	80	78	79	74	71	72	89	19	52
8	80	67	77	82	78	80	74	72	74	76	56	64
9	88	77	81	85	81	84	84	74	78	93	71	74
10	89	67	83	86	83	85	92	81	84	81	76	79
11	83	55	72	86	84	85	95	65	80	86	80	84
12	57	49	52	89	65	82	68	34	54	89	84	87
13	82	56	74	89	76	83	75	61	70	92	85	87
14	80	53	71	91	68	85	79	75	77	99	85	89
15	59	51	53	83	68	77	81	77	79	90	85	88
16	75	56	69	86	81	84	82	64	76	---	---	---
17	79	70	76	89	80	84	94	82	89	---	---	---
18	79	70	77	87	79	82	94	84	89	---	---	---
19	89	78	84	88	75	83	91	85	87	---	---	---
20	90	77	84	88	78	83	89	83	86	---	---	---
21	84	72	76	91	77	86	88	81	84	89	82	86
22	86	78	82	91	82	88	88	84	87	88	84	86
23	87	80	84	91	75	81	88	81	85	88	86	87
24	85	77	80	90	77	84	89	84	87	90	85	88
25	82	51	71	90	81	86	89	81	85	92	87	90
26	81	67	75	89	77	82	89	82	87	91	88	89
27	82	30	64	89	84	86	90	87	89	93	34	75
28	93	43	65	102	84	87	90	86	88	64	35	54
29	75	68	70	89	24	73	90	84	87	74	64	69
30	85	75	79	56	37	46	88	86	87	---	---	---
31	---	---	---	65	56	61	89	71	79	---	---	---
MONTH	93	30	76	102	24	78	95	34	79	---	---	---

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

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 LATITUDE 340757 LONGITUDE 0840412 NAD27 DRAINAGE AREA 9.34 CONTRIBUTING DRAINAGE AREA 9.34 DATUM 920.00 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	17.0	14.1	15.5	16.4	12.4	14.4	9.8	6.1	7.9	8.9	4.9	7.0
2	16.0	13.2	14.6	16.6	12.6	14.6	9.7	6.5	8.1	10.4	7.1	8.9
3	15.1	12.8	14.0	16.6	12.4	14.5	8.4	7.3	7.8	12.9	9.5	11.2
4	16.3	12.9	14.7	17.4	14.7	16.1	7.8	6.8	7.1	13.8	11.0	12.4
5	16.9	13.8	15.5	19.2	17.0	17.9	8.3	7.2	7.8	14.1	10.4	13.1
6	17.6	15.9	16.8	20.2	18.3	19.1	8.7	6.8	7.6	10.4	5.5	7.9
7	18.1	16.6	17.4	18.8	16.5	17.6	8.0	5.1	6.6	5.5	3.2	4.3
8	18.2	17.1	17.6	16.8	15.3	15.9	8.4	5.1	6.7	5.7	2.8	4.4
9	18.5	17.5	17.9	15.3	12.6	14.2	10.1	6.2	8.0	6.9	5.4	6.0
10	18.5	17.6	18.0	13.3	10.9	12.1	11.1	8.8	10.3	6.7	4.8	6.0
11	17.6	17.2	17.4	14.4	10.3	12.3	8.8	7.1	8.0	6.4	3.2	4.8
12	19.2	17.1	17.9	16.2	11.8	14.1	8.6	5.7	7.1	7.3	3.4	5.3
13	19.0	16.3	17.7	15.7	9.9	13.1	7.8	6.3	7.1	8.9	5.3	6.8
14	19.4	16.4	18.3	11.1	7.7	9.5	7.6	6.3	6.9	9.4	5.5	7.4
15	16.4	13.9	15.2	12.5	8.9	10.5	8.7	5.8	7.1	9.8	7.0	8.7
16	15.4	11.7	13.7	13.9	9.8	11.9	10.0	5.9	7.8	8.6	5.0	6.8
17	14.6	11.9	13.4	16.3	13.9	15.1	10.0	6.5	8.3	7.7	5.2	6.6
18	15.4	12.0	13.8	16.7	14.9	15.8	8.0	5.3	6.7	9.5	7.6	8.6
19	15.7	11.9	13.9	17.3	14.4	16.4	7.9	6.1	7.0	8.7	5.2	7.0
20	16.3	12.5	14.5	14.4	11.9	13.3	6.2	4.4	5.2	6.5	3.1	4.8
21	17.0	13.0	15.2	14.1	10.7	12.4	6.2	3.1	4.6	6.6	3.2	4.8
22	16.7	14.0	15.4	14.4	10.3	12.3	7.4	3.6	5.5	7.2	3.2	5.2
23	15.6	12.1	14.0	14.1	10.6	12.4	9.4	4.9	7.1	6.5	3.8	5.1
24	15.6	12.3	14.0	13.6	10.1	12.8	9.4	6.7	8.7	8.5	3.7	5.9
25	16.2	13.6	14.8	10.3	7.7	9.1	7.0	4.9	6.0	8.1	5.4	7.0
26	16.1	15.0	15.5	11.2	7.9	9.5	7.3	4.1	5.7	5.8	5.3	5.5
27	16.2	13.7	15.7	12.0	10.4	11.1	7.8	4.2	5.9	7.0	4.8	6.0
28	13.7	11.5	12.8	13.1	9.2	11.9	8.0	4.6	6.3	5.8	3.0	4.3
29	14.8	11.8	13.4	9.2	7.0	8.0	9.8	6.2	8.0	6.4	2.5	4.4
30	15.3	11.1	13.3	9.0	5.6	7.2	9.9	7.0	8.7	7.9	4.5	6.0
31	16.0	12.0	14.0	---	---	---	8.3	4.9	6.6	7.3	3.9	5.6
MONTH	19.4	11.1	15.4	20.2	5.6	13.2	11.1	3.1	7.2	14.1	2.5	6.7

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

STATION NUMBER 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD,GA 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

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	7.5	4.2	5.8	14.3	7.8	10.8	14.2	8.6	11.0	17.9	16.0	16.8
2	6.4	3.8	5.3	15.8	12.0	13.6	14.6	8.8	11.5	18.1	15.4	17.1
3	7.9	4.0	6.0	16.5	13.1	14.4	17.5	9.7	13.1	15.5	12.4	14.0
4	7.5	4.4	5.9	16.0	12.9	14.4	16.5	9.6	12.5	15.8	10.4	13.2
5	6.4	6.0	6.2	16.0	13.2	14.6	16.4	8.4	12.0	17.7	11.4	14.6
6	7.8	6.0	6.7	17.3	13.7	15.5	17.2	9.0	12.8	19.4	13.8	16.6
7	7.7	5.5	6.6	16.3	10.9	13.3	17.4	9.9	13.4	20.1	14.6	17.4
8	7.6	4.4	5.9	13.5	9.0	10.9	17.7	12.3	14.6	20.4	15.1	17.8
9	7.1	5.2	6.1	11.4	7.2	9.3	19.0	11.2	14.7	20.6	16.5	18.5
10	8.2	5.6	6.9	12.3	6.9	9.4	15.7	10.3	13.4	20.7	16.5	18.6
11	8.7	7.0	7.9	13.0	6.0	9.4	15.9	12.5	14.3	20.1	17.6	18.7
12	8.4	6.7	7.4	13.7	7.5	10.2	14.9	13.0	13.9	19.7	17.3	18.4
13	10.0	6.2	8.1	12.7	7.0	9.8	13.6	10.3	12.5	19.8	17.8	18.6
14	9.2	8.4	8.9	14.8	9.1	11.8	14.7	9.0	11.4	19.3	17.3	18.3
15	9.1	7.7	8.6	15.5	12.2	13.7	17.1	8.6	12.6	20.4	17.0	18.7
16	7.8	6.9	7.4	16.8	12.2	14.0	18.4	10.0	14.0	19.9	16.9	18.4
17	8.0	6.3	7.1	15.1	9.6	12.0	19.2	11.3	15.1	20.1	16.9	18.4
18	10.0	5.3	7.4	13.1	8.5	11.0	20.1	12.3	16.1	19.0	17.4	18.1
19	10.5	5.0	7.6	17.2	9.2	12.8	20.1	13.3	16.6	20.4	17.4	18.7
20	10.3	6.1	8.3	16.8	10.4	13.4	19.7	14.3	16.9	21.1	17.1	19.1
21	12.4	8.7	10.4	16.3	10.2	13.6	18.4	14.4	16.4	21.9	17.6	19.2
22	11.2	6.1	8.6	12.7	7.5	9.8	20.0	14.0	16.8	19.4	17.6	18.4
23	9.2	6.8	8.1	13.2	5.8	9.2	19.6	14.6	17.2	20.7	17.2	18.7
24	10.4	9.0	9.6	14.6	7.1	10.6	20.0	14.9	17.5	20.6	16.8	18.7
25	9.8	8.0	9.1	16.9	8.8	12.5	19.7	15.5	17.8	21.6	18.0	19.6
26	8.0	5.2	5.9	18.6	10.9	14.3	18.0	14.9	16.9	22.1	18.7	20.2
27	8.1	5.4	6.6	18.6	11.3	14.8	16.9	12.4	14.7	21.5	18.3	19.8
28	10.7	4.7	7.4	19.1	11.9	15.3	16.7	10.9	13.9	20.8	18.1	19.4
29	10.7	5.3	7.9	19.2	14.3	16.0	17.1	12.4	14.8	19.6	18.3	18.9
30	---	---	---	18.1	13.8	15.4	16.9	15.5	16.1	21.3	17.9	19.6
31	---	---	---	14.6	10.6	12.7	---	---	---	20.5	18.8	19.9
MONTH	12.4	3.8	7.4	19.2	5.8	12.5	20.1	8.4	14.5	22.1	10.4	18.1

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

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 LATITUDE 340757 LONGITUDE 0840412 NAD27 DRAINAGE AREA 9.34 CONTRIBUTING DRAINAGE AREA 9.34 DATUM 920.00 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	129	25	47	41	8.9	13	32	15	19	66	16	20
2	31	15	19	20	8.6	11	29	16	20	156	15	19
3	90	14	19	26	8.4	11	117	14	22	30	14	20
4	26	12	15	29	8.2	10	118	19	37	24	13	17
5	22	9.7	13	1230	9.6	21	133	18	28	621	16	26
6	67	11	16	1160	30	110	38	14	19	94	22	28
7	36	10	17	35	17	22	36	12	16	62	14	20
8	50	11	18	36	13	16	31	11	16	57	11	20
9	93	10	15	39	13	16	35	13	19	128	20	36
10	26	8.7	11	51	13	15	>2200	20	294	40	14	17
11	16	7.9	9.6	42	12	15	174	48	84	22	10	14
12	16	7.0	8.4	21	13	16	51	30	34	44	11	16
13	37	7.6	12	20	14	16	197	21	28	22	12	17
14	553	8.6	27	26	13	15	>2200	57	143	23	12	16
15	411	9.5	16	20	12	14	145	27	37	23	11	16
16	186	14	24	70	14	21	85	20	31	30	10	16
17	176	12	21	>2200	42	184	298	27	56	127	11	17
18	37	10	15	>2200	31	67	114	23	30	212	21	43
19	56	13	20	>2200	232	682	89	19	24	26	14	18
20	34	12	17	239	58	122	32	14	17	39	10	17
21	360	12	20	63	36	42	29	12	16	36	10	14
22	31	13	16	182	28	36	53	12	15	45	8.9	15
23	18	9.3	11	32	19	22	876	12	20	346	12	19
24	38	9.7	16	137	19	46	1120	35	118	145	46	70
25	30	8.9	12	114	18	27	44	18	22	>2200	40	545
26	628	10	141	203	20	27	39	14	17	349	67	121
27	228	22	38	607	16	24	30	11	14	68	37	47
28	33	15	19	380	44	94	24	10	14	40	25	30
29	462	13	21	46	22	27	281	11	22	34	21	25
30	29	11	15	35	17	19	738	28	63	56	16	24
31	18	8.6	12	---	---	---	177	22	43	44	16	22
MAX	628	25	141	2200	232	682	2200	57	294	2200	67	545
MIN	16	7.0	8.4	20	8.2	10	24	10	14	22	8.9	14

> Actual value is known to be greater 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 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

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

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	30	13	18	34	15	23	32	10	14	127	8.8	26
2	>2200	14	21	42	15	20	21	7.9	10	824	24	64
3	911	63	182	52	17	22	24	6.7	9.1	39	13	20
4	280	32	50	28	13	17	21	6.2	8.8	35	8.0	12
5	105	23	29	30	13	18	30	6.0	11	15	6.7	9.9
6	>2200	23	416	411	20	38	358	5.9	13	18	7.1	11
7	358	71	142	33	13	19	21	7.4	11	24	6.6	9.3
8	81	40	48	35	12	17	25	6.1	8.2	14	6.3	9.3
9	344	30	41	74	19	37	46	5.7	10	13	5.2	7.8
10	77	26	39	65	9.9	20	13	5.1	7.5	167	5.9	9.0
11	46	21	26	75	10	21	28	7.5	12	23	8.0	13
12	>2200	28	193	32	9.0	15	520	6.2	9.7	131	7.6	12
13	101	40	59	18	6.9	9.4	>2200	61	237	287	10	24
14	109	32	48	24	7.3	10	329	28	51	83	12	20
15	2060	29	224	44	7.5	13	62	13	23	117	10	16
16	184	52	81	35	12	16	36	12	16	25	8.1	11
17	185	32	39	50	7.7	16	21	9.1	12	27	8.2	11
18	72	23	29	50	8.3	19	26	7.4	12	44	8.7	13
19	34	18	21	45	5.7	13	23	7.6	11	104	12	18
20	26	16	19	33	6.6	9.0	24	6.5	10	77	18	45
21	32	14	19	59	7.9	13	16	6.3	9.1	314	20	37
22	35	13	17	50	6.0	12	23	5.6	8.2	121	44	71
23	52	14	19	16	6.2	9.2	23	<5.0	7.7	48	27	31
24	361	13	22	30	5.6	11	74	5.4	9.5	116	24	31
25	178	18	26	35	6.9	14	15	5.5	8.0	63	24	32
26	126	21	33	37	7.0	15	170	7.8	30	38	20	26
27	236	21	36	84	5.9	19	824	9.8	40	84	31	45
28	56	20	28	43	5.1	7.7	31	10	15	608	22	44
29	33	15	20	14	5.1	7.9	22	6.3	9.4	38	21	28
30	---	---	---	221	7.7	41	36	6.1	10	44	17	23
31	---	---	---	1010	10	20	---	---	---	747	20	73
MAX	2200	71	416	1010	20	41	2200	61	237	824	44	73
MIN	26	13	17	14	5.1	7.7	13	5.0	7.5	13	5.2	7.8

> 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 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

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	149	23	34	>2200	35	69	107	41	52	183	54	74
2	1320	18	29	1620	125	293	179	28	42	1450	48	232
3	257	18	29	125	47	66	1060	28	98	206	28	38
4	40	14	21	150	34	49	312	68	91	45	16	21
5	60	13	18	124	25	41	389	56	74	30	12	16
6	37	11	15	>2200	28	49	69	36	44	22	10	13
7	817	14	19	105	28	46	503	35	55	>2200	11	1040
8	817	32	67	89	26	42	68	28	34	974	132	303
9	1200	23	46	185	20	32	39	23	29	132	55	79
10	455	85	138	36	16	23	276	23	31	86	35	49
11	962	45	126	37	16	19	715	20	48	104	22	28
12	991	290	448	>2200	18	181	>2200	192	367	27	16	20
13	382	31	70	480	47	127	277	68	134	35	14	18
14	777	25	35	>2200	39	58	84	30	45	51	13	16
15	>2200	165	223	>2200	145	358	44	22	30	29	11	14
16	340	44	100	217	72	116	583	24	36	>2200	11	20
17	273	31	69	554	57	100	33	20	25	>2200	195	386
18	671	38	70	201	40	76	34	17	22	1190	100	143
19	378	23	36	232	33	48	32	17	21	122	47	79
20	186	17	30	>2200	32	110	130	11	16	695	33	50
21	166	25	37	540	44	68	126	13	24	190	29	38
22	536	17	32	72	24	30	28	11	14	200	24	30
23	292	29	69	>2200	21	287	24	11	14	43	21	27
24	964	60	192	316	61	92	22	10	14	1160	20	32
25	>2200	44	335	80	24	38	61	9.8	14	55	16	22
26	>2200	117	266	836	31	63	37	10	16	28	14	18
27	>2200	71	115	42	20	25	23	8.8	13	>2200	16	156
28	1070	152	413	141	18	33	37	7.9	12	1490	197	355
29	382	68	109	>2200	20	31	43	11	16	1160	122	243
30	341	48	68	1940	164	437	209	10	16	552	72	108
31	---	---	---	179	59	102	>2200	9.3	80	---	---	---
MAX	2200	290	448	2200	164	437	2200	192	367	2200	197	1040
MIN	37	11	15	36	16	19	22	7.9	12	22	10	13

YEAR MAX MAXIMUM 2200 MINIMUM 13
 MIN MAXIMUM 290 MINIMUM 5.0
 MEDIAN MAXIMUM 1040 MINIMUM 7.5

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