

**APALACHICOLA RIVER BASIN  
2004 Water Year**

**02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA**

**LOCATION.**—Lat 33°59'50", long 84°12'07" referenced to North American Datum (NAD) of 1983, Gwinnett-Fulton County line, Hydrologic Unit 03130001, on downstream side of right bank pier of bridge on GA 141, 1.5 miles upstream from John Creek, 4.5 miles north of Norcross, 6.5 miles downstream from Suwanee Creek, 18.0 miles downstream from Buford Dam, and at mile 330.8.

**DRAINAGE AREA.**—1,170 square miles, approximately.

**COOPERATION.**—National Park Service, Cobb County Water System, Cobb County – Marietta Water Authority.

**PERIOD OF RECORD.**—May 24, 2002 to current year.

**CONTINUOUS WATER-QUALITY RECORDS**

**PERIOD OF DAILY RECORD.**—

**SPECIFIC CONDUCTANCE:** May 24, 2002 to current year.

**WATER TEMPERATURE:** May 24, 2002 to current year.

**TURBIDITY:** May 24, 2002 to current year.

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

**REMARKS.**—Records good, except for specific conductance and turbidity, which are fair.

**EXTREMES FOR PERIOD OF RECORD.**—

**SPECIFIC CONDUCTANCE:** Maximum recorded, 68 microsiemens, September 14, 2002; minimum recorded, 33 microsiemens, September 17, 2004.

**WATER TEMPERATURE:** Maximum recorded, 21.7°C, September 17, 2004; minimum recorded, 4.7°C, January 24, 2003.

**TURBIDITY:** Maximum, >1,100 FNU, on several days; minimum, <2.0 FNU, on many days.

**EXTREMES FOR CURRENT YEAR.**—

**SPECIFIC CONDUCTANCE:** Maximum, 63 microsiemens, April 13; minimum, 33 microsiemens, September 17.

**WATER TEMPERATURE:** Maximum, 21.7°C, September 17; minimum, 5.8°C, January 26.

**TURBIDITY:** Maximum, >1,100 FNU, on several days; minimum, <2.0 FNU, on many days.

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

STATION NUMBER 02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135  
 LATITUDE 335950 LONGITUDE 0841207 NAD83 DRAINAGE AREA 1170.00 CONTRIBUTING DRAINAGE AREA DATUM 878.14 NGVD29

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 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	48	45	46	49	45	47	52	42	46	47	40	44
2	48	45	46	49	46	47	51	42	45	46	39	42
3	48	44	46	50	45	47	47	41	43	47	42	46
4	48	43	46	49	43	46	46	41	43	46	40	43
5	49	48	48	50	44	46	52	43	47	45	40	42
6	49	46	47	53	47	49	48	43	46	46	40	42
7	48	45	46	49	43	45	47	42	45	43	40	41
8	48	43	46	50	45	47	51	42	46	43	40	41
9	48	43	46	50	46	47	46	42	44	44	40	42
10	48	43	45	50	44	46	58	44	48	45	40	42
11	49	44	46	50	42	45	58	44	47	48	40	44
12	50	46	47	52	43	48	48	45	47	49	42	47
13	49	45	47	52	43	47	49	45	47	46	40	42
14	49	43	46	51	43	45	57	46	52	45	40	42
15	49	43	46	51	45	48	55	41	44	44	40	42
16	49	43	45	52	46	49	45	40	43	45	40	42
17	49	44	46	57	46	50	45	40	42	45	40	42
18	49	46	47	50	44	46	44	40	42	49	40	45
19	49	46	47	49	41	45	44	39	41	51	40	45
20	49	46	47	51	43	46	44	39	41	49	40	44
21	49	44	46	51	42	45	47	40	43	45	40	42
22	48	44	46	50	41	45	47	39	43	47	43	44
23	49	44	46	49	41	44	43	39	41	50	47	49
24	49	44	46	49	41	44	48	40	42	48	40	45
25	48	43	45	49	42	45	43	39	41	51	44	48
26	55	46	48	47	41	44	45	39	42	50	42	48
27	57	44	50	47	42	44	45	38	42	47	41	43
28	51	46	48	53	44	50	45	38	42	47	40	44
29	48	45	46	53	52	53	45	39	42	46	40	43
30	47	45	46	53	45	48	45	40	42	46	40	44
31	50	45	46	---	---	---	44	40	41	45	40	43
MONTH	57	43	46	57	41	47	58	38	44	51	39	44

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

STATION NUMBER 02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135  
 LATITUDE 335950 LONGITUDE 0841207 NAD83 DRAINAGE AREA 1170.00 CONTRIBUTING DRAINAGE AREA DATUM 878.14 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	47	43	45	47	45	46	53	50	52	55	48	51
2	48	40	44	47	46	46	53	49	51	60	52	56
3	47	41	44	47	47	47	52	49	50	57	50	51
4	48	41	45	47	47	47	53	50	52	52	49	51
5	45	40	43	48	47	47	52	48	50	52	50	51
6	49	44	47	50	48	49	54	50	52	53	52	53
7	48	44	47	50	48	49	54	50	52	52	49	51
8	48	43	44	48	48	48	55	52	54	52	49	51
9	48	40	45	48	48	48	54	50	52	52	48	50
10	44	40	42	52	48	50	52	49	50	54	49	51
11	48	44	47	53	50	51	53	50	51	51	48	49
12	51	42	48	53	47	49	54	49	50	52	48	50
13	43	39	41	53	47	50	63	54	58	54	50	52
14	46	40	43	52	47	50	60	51	53	54	51	52
15	47	40	44	52	48	50	54	50	52	53	52	52
16	49	39	45	54	48	51	55	50	52	52	48	50
17	48	43	46	55	46	51	55	51	52	53	48	51
18	47	43	44	54	47	51	56	51	54	52	47	49
19	43	43	43	55	47	51	55	53	55	54	50	52
20	45	43	44	56	50	54	55	53	54	54	50	52
21	46	44	45	56	47	52	55	50	52	54	50	51
22	46	45	46	56	48	52	55	52	53	54	49	52
23	45	45	45	53	47	49	55	52	53	---	---	---
24	45	45	45	55	47	51	53	49	51	53	50	51
25	47	45	46	54	47	51	54	50	51	52	49	50
26	47	46	46	55	47	51	56	52	53	52	48	50
27	49	47	48	55	51	54	57	49	53	50	47	49
28	48	46	48	53	49	51	55	52	52	50	48	49
29	46	46	46	53	49	51	52	47	49	49	47	48
30	---	---	---	57	45	50	52	48	50	49	46	48
31	---	---	---	53	48	52	---	---	---	53	42	49
MONTH	51	39	45	57	45	50	63	47	52	---	---	---

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

STATION NUMBER 02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135  
 LATITUDE 335950 LONGITUDE 0841207 NAD83 DRAINAGE AREA 1170.00 CONTRIBUTING DRAINAGE AREA DATUM 878.14 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	55	49	51	53	42	49	43	40	42	49	41	44
2	49	46	47	51	42	47	44	39	41	54	41	45
3	48	46	47	49	42	46	44	39	42	45	41	43
4	48	45	46	49	42	45	43	39	41	45	41	43
5	47	44	46	49	42	46	44	39	42	46	41	43
6	47	44	46	48	42	44	48	44	47	45	44	45
7	53	40	47	47	41	44	45	41	43	57	38	45
8	53	49	51	48	41	45	44	40	42	46	39	42
9	50	46	48	45	41	43	43	40	42	57	43	51
10	49	44	47	47	42	45	43	40	41	48	42	45
11	49	45	47	47	43	45	43	39	41	48	42	45
12	48	45	46	47	42	45	47	39	43	48	43	46
13	53	42	48	48	42	45	45	43	44	48	43	46
14	50	46	47	49	42	44	44	40	41	47	42	45
15	55	39	47	54	43	51	44	41	42	48	42	45
16	51	48	49	47	43	45	45	41	43	48	37	44
17	50	47	48	48	43	45	44	40	42	42	33	36
18	49	39	47	52	43	48	44	40	42	51	41	48
19	47	45	46	47	43	45	44	40	42	53	51	52
20	47	44	45	45	41	44	44	40	42	53	42	44
21	46	42	45	44	40	42	46	40	43	43	42	42
22	49	40	46	44	39	42	44	41	43	42	42	42
23	49	46	48	43	39	41	44	40	42	42	42	42
24	50	42	47	43	38	41	46	40	43	43	42	42
25	52	46	48	43	38	41	46	41	43	48	42	44
26	52	49	50	47	39	43	47	41	44	47	41	42
27	50	45	47	47	45	46	46	41	43	48	42	44
28	49	46	47	51	42	46	46	41	43	54	41	45
29	50	47	49	43	39	41	45	41	44	43	42	42
30	51	47	49	44	36	40	48	41	44	43	42	42
31	---	---	---	43	39	41	45	41	43	---	---	---
MONTH	55	39	47	54	36	44	48	39	43	57	33	44

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

STATION NUMBER 02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135  
 LATITUDE 335950 LONGITUDE 0841207 NAD83 DRAINAGE AREA 1170.00 CONTRIBUTING DRAINAGE AREA DATUM 878.14 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	14.8	11.6	13.3	15.1	12.6	13.8	14.1	10.6	12.5	9.8	9.1	9.4
2	14.3	11.5	13.0	15.0	11.9	13.4	14.1	10.8	12.7	10.2	9.2	9.8
3	14.1	11.7	12.8	15.1	12.0	13.5	13.9	11.9	13.2	10.7	10.0	10.3
4	14.8	11.9	13.4	15.5	12.6	14.7	13.8	12.4	13.4	11.1	10.0	10.6
5	12.9	12.3	12.5	15.8	12.4	14.5	12.9	10.7	11.8	11.1	10.2	10.6
6	14.1	11.6	12.7	16.9	13.1	15.4	12.5	11.5	12.1	10.3	9.0	9.5
7	14.7	11.9	13.3	16.0	13.2	15.1	12.9	11.3	12.0	9.4	8.0	8.8
8	15.1	11.8	13.8	14.8	12.5	14.0	13.0	10.4	11.8	9.3	8.0	8.8
9	15.2	12.1	14.2	14.9	11.8	13.4	13.1	11.8	12.3	9.3	8.5	8.9
10	15.0	12.0	13.6	14.8	11.8	13.4	12.8	10.7	12.2	9.1	8.2	8.7
11	14.5	12.2	13.6	15.2	12.5	14.5	11.6	10.6	11.2	9.2	7.1	8.1
12	15.6	11.8	13.7	15.1	13.3	14.5	11.6	10.4	10.9	8.7	7.4	7.9
13	15.1	12.5	13.7	14.7	11.8	14.1	11.5	10.4	10.9	9.3	8.4	8.8
14	15.2	12.4	14.1	14.7	11.2	13.4	11.1	8.6	9.7	9.3	8.4	8.9
15	14.5	11.5	13.3	14.4	11.5	12.9	11.9	8.6	10.9	9.4	8.7	9.0
16	14.6	11.4	13.1	13.9	11.8	12.8	11.9	10.5	11.3	9.2	8.2	8.8
17	13.5	11.2	12.8	15.2	12.0	13.3	11.7	10.8	11.3	9.0	8.2	8.7
18	14.1	11.2	12.7	15.7	13.1	15.0	11.2	10.0	10.7	9.2	8.6	8.8
19	14.4	11.0	12.8	16.4	13.6	15.7	11.2	10.1	10.7	9.0	8.1	8.6
20	14.7	11.6	13.1	14.9	12.9	14.5	10.5	9.3	10.1	8.8	6.9	8.0
21	15.0	11.8	13.8	15.5	12.3	14.2	10.4	8.3	9.3	8.6	7.6	8.2
22	15.1	12.0	13.9	15.8	11.8	14.4	10.6	8.5	9.6	8.4	7.5	8.0
23	14.6	11.8	13.5	15.9	12.3	14.9	10.8	9.6	10.2	8.1	7.1	7.5
24	14.7	11.8	13.5	15.6	12.6	15.0	10.9	9.9	10.4	8.8	7.1	7.8
25	15.2	12.3	14.3	14.9	11.4	14.0	10.1	8.8	9.5	8.7	7.0	8.1
26	14.8	12.2	13.6	15.1	12.3	13.9	10.2	8.2	9.2	7.4	5.8	6.2
27	15.0	12.4	13.9	14.7	12.8	14.2	10.2	8.4	9.3	8.0	7.2	7.6
28	14.4	10.9	12.9	14.5	11.8	13.4	10.2	8.4	9.3	7.8	6.3	7.1
29	14.6	11.4	13.1	11.8	9.8	10.4	10.3	9.0	9.7	7.9	6.5	7.3
30	14.9	11.7	13.4	12.6	10.0	11.7	10.2	9.7	10	7.7	7.2	7.4
31	15.0	11.7	13.9	---	---	---	10.1	9.0	9.6	7.8	6.8	7.3
MONTH	15.6	10.9	13.4	16.9	9.8	13.9	14.1	8.2	10.9	11.1	5.8	8.5

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

STATION NUMBER 02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135  
 LATITUDE 335950 LONGITUDE 0841207 NAD83 DRAINAGE AREA 1170.00 CONTRIBUTING DRAINAGE AREA DATUM 878.14 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	7.7	6.9	7.2	9.6	7.6	8.4	9.8	8.1	9.1	11.8	9.5	10.7
2	7.7	6.6	7.1	9.8	9.1	9.6	10.0	8.5	9.4	13.5	11.1	12.2
3	7.6	6.2	6.9	9.8	9.0	9.5	10.4	8.8	9.7	13.1	10.4	11.4
4	7.5	6.5	7.0	9.8	9.0	9.4	11.7	10.3	10.8	11.5	9.9	10.8
5	7.2	6.8	7.0	9.7	8.9	9.4	10.3	8.4	9.4	12.3	10.5	11.4
6	7.0	6.5	6.7	11.0	9.7	10.3	10.5	9.7	10.2	14.2	12.1	12.9
7	6.9	6.1	6.7	10.7	9.0	9.8	10.7	9.3	10.1	13.3	11.5	12.5
8	7.1	6.1	6.5	9.7	8.0	8.8	12.0	10.5	11.3	13.7	11.4	12.6
9	7.1	6.3	6.8	8.8	7.6	8.3	11.8	9.8	10.9	13.1	11.1	12.4
10	7.1	6.6	6.8	8.7	7.3	8.1	11.8	9.7	10.4	13.0	11.5	12.5
11	7.3	7.0	7.2	9.0	7.2	8.2	10.9	9.8	10.5	12.8	10.2	11.6
12	7.3	6.9	7.1	9.0	7.5	8.3	10.5	9.4	10	12.6	10.6	11.7
13	7.6	6.6	7.1	9.0	8.3	8.7	11.0	9.9	10.7	12.9	11.9	12.3
14	8.0	7.2	7.6	9.6	8.8	9.1	10.6	8.3	9.6	12.8	11.2	12.1
15	7.7	7.3	7.6	10.2	8.8	9.5	11.2	9.0	10.2	13.9	12.0	12.8
16	7.5	6.9	7.2	10.3	9.3	9.8	11.8	9.6	10.9	13.2	11.6	12.3
17	7.1	6.7	6.9	10.2	8.4	9.6	11.7	9.8	10.9	12.7	11.2	12.0
18	7.8	6.4	7.1	9.7	8.0	9.1	12.4	11.3	11.8	12.4	9.6	11.0
19	7.9	6.3	7.2	9.7	8.7	9.1	13.8	11.6	12.7	13.4	9.9	11.8
20	7.9	6.9	7.4	11.5	9.7	10.6	13.5	12.1	12.7	13.7	11.3	12.7
21	8.7	7.7	8.2	10.8	8.5	10	12.2	10.5	11.5	13.7	11.3	12.3
22	8.4	7.1	7.8	10.5	7.4	8.8	12.6	10.9	11.8	16.0	12.1	13.2
23	8.1	7.0	7.4	9.6	7.4	8.5	12.6	11.3	12.0	---	---	---
24	7.8	7.3	7.6	9.9	8.4	9.3	12.6	10.4	11.7	13.6	12.3	12.9
25	7.8	7.3	7.6	10.6	9.2	9.9	12.5	11.8	12.1	13.8	11.3	12.7
26	7.3	6.4	6.7	11.4	9.6	10.5	12.6	11.0	12.1	13.9	11.7	13.0
27	7.0	6.4	6.7	12.5	10.8	11.5	12.0	8.9	10.7	13.9	12.1	13.1
28	8.0	6.5	7.2	11.7	9.9	10.9	12.7	10.9	11.7	13.7	12.3	12.9
29	8.0	7.0	7.6	11.8	10.0	11.1	11.6	9.2	10.5	12.9	11.1	11.9
30	---	---	---	12.3	8.9	10.6	11.7	9.9	10.8	13.5	10.7	11.9
31	---	---	---	10.7	9.3	9.9	---	---	---	14.0	12.2	12.9
MONTH	8.7	6.1	7.2	12.5	7.2	9.5	13.8	8.1	10.9	---	---	---

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

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 LATITUDE 335950 LONGITUDE 0841207 NAD83 DRAINAGE AREA 1170.00 CONTRIBUTING DRAINAGE AREA DATUM 878.14 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	13.5	12.0	12.6	15.5	11.6	13.5	14.2	10.0	12.3	13.3	10.6	11.8
2	12.9	10.6	12.0	19.3	10.7	15.5	14.4	9.9	12.2	14.1	10.5	11.8
3	12.7	11.5	12.1	15.5	10.7	13.1	14.6	10.2	12.3	13.3	10.6	12.0
4	13.3	10.8	12.2	15.2	9.8	12.7	14.2	10.1	12.2	13.6	10.1	11.7
5	13.4	11.1	12.3	15.4	9.9	12.9	14.0	10.2	11.8	14.2	10.8	12.6
6	13.0	11.2	12.2	15.4	10.3	12.1	16.2	14.0	15.5	14.1	13.8	13.9
7	16.8	11.0	13.0	14.1	10.1	11.4	14.2	10.7	12.6	20.5	14.0	17.6
8	14.5	10.9	12.3	14.8	10.2	12.0	13.8	10.0	12.4	20.5	18.6	19.8
9	13.2	11.2	12.1	12.9	9.9	10.9	13.6	9.9	11.6	18.6	11.5	16.5
10	13.3	11.0	12.1	14.4	10.5	12.3	12.3	10.0	11.0	14.9	11.0	12.9
11	14.1	11.0	12.4	14.8	11.2	13.0	13.7	10.0	11.6	14.4	10.6	12.6
12	14.0	11.8	13.1	14.6	11.0	12.7	18.2	10.1	14.4	14.3	10.9	12.6
13	15.5	12.3	13.8	15.1	10.7	12.9	18.0	13.8	16.8	13.3	11.1	12.2
14	13.9	11.5	12.8	17.1	10.3	12.6	13.9	10.2	11.9	13.5	10.4	11.9
15	17.0	11.8	13.3	17.5	12.9	15.1	14.0	10.3	12.4	13.1	10.7	11.9
16	14.8	12.1	13.7	14.1	10.5	12.1	13.8	11.1	12.6	20.2	10.8	14.0
17	14.8	12.0	13.4	15.8	10.8	12.0	13.7	10.1	12.1	21.7	19.7	21.1
18	17.0	12.2	13.8	15.4	11.0	13.1	14.0	10.1	12.2	19.7	15.7	17.5
19	14.6	11.9	13.3	14.4	10.5	12.3	14.0	10.2	12.1	15.7	13.9	14.7
20	14.4	12.1	13.3	13.7	10.0	12.0	13.4	10.2	12.0	13.9	10.3	11.8
21	14.2	11.6	13.1	14.2	9.9	11.9	13.9	10.2	12.2	12.1	11.3	11.6
22	16.5	11.0	12.8	13.9	9.9	11.9	13.7	10.9	12.5	12.1	11.1	11.5
23	16.7	12.5	13.4	14.5	9.9	12.2	13.9	10.5	12.2	12.2	11.2	11.6
24	16.0	11.9	12.9	14.5	10.5	12.8	13.4	10.3	11.9	12.3	11.3	11.7
25	14.6	11.4	13.2	13.3	10.4	11.8	15.2	10.3	12.0	13.8	11.3	12.2
26	15.4	13.5	14.4	16.4	10.4	13.2	13.8	10.3	12.1	14.1	10.8	11.8
27	16.8	12.4	13.7	16.0	13.2	14.5	14.1	10.3	12.2	16.0	11.7	12.9
28	19.4	16.8	18.1	16.3	12.7	14.0	14.1	10.4	12.2	18.0	13.2	15.8
29	17.4	13.5	14.7	14.0	10.1	11.9	13.8	11.0	12.3	13.2	12.0	12.3
30	14.7	12.0	13.1	18.6	11.4	14.8	14.7	10.8	12.5	12.5	11.6	12.0
31	---	---	---	16.4	10.4	12.5	14.3	10.7	12.1	---	---	---
MONTH	19.4	10.6	13.2	19.3	9.8	12.8	18.2	9.9	12.5	21.7	10.1	13.5

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

STATION NUMBER 02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135  
 LATITUDE 335950 LONGITUDE 0841207 NAD83 DRAINAGE AREA 1170.00 CONTRIBUTING DRAINAGE AREA DATUM 878.14 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	31	4.6	7.5	12	4.9	7.5	68	9.5	20	21	2.5	6.0
2	51	5.0	8.0	26	5.8	9.8	104	8.2	10	30	2.8	9.7
3	35	4.4	7.5	46	5.0	13	142	8.0	21	22	2.0	5.0
4	30	4.9	7.5	54	3.7	6.1	34	4.5	17	34	2.2	4.4
5	11	6.8	8.3	33	4.1	9.9	25	4.9	7.4	25	2.5	8.4
6	21	5.4	10	104	22	34	29	4.9	10	30	5.2	10
7	28	4.2	8.8	99	7.6	10	32	4.5	12	24	3.1	9.0
8	39	4.4	10	44	5.8	8.1	42	3.7	6.5	28	3.1	7.4
9	41	4.5	6.5	19	5.1	9.1	29	4.7	11	39	3.4	7.4
10	37	4.6	10	38	4.2	10	156	6.6	24	30	2.8	5.9
11	22	5.9	8.8	39	4.7	8.5	639	12	40	23	<2.0	3.4
12	28	5.9	9.1	29	4.6	6.3	30	6.5	17	16	<2.0	2.4
13	30	4.5	7.7	40	4.8	7.7	39	6.5	12	39	2.3	5.8
14	41	4.5	7.3	37	6.2	12	80	7.6	20	21	2.0	7.0
15	41	4.7	7.3	17	4.9	6.8	126	6.9	19	23	2.5	6.6
16	32	4.8	11	12	5.3	8.2	33	4.8	12	18	2.6	6.8
17	29	5.2	6.9	136	8.2	21	107	5.3	12	18	<2.0	5.5
18	35	5.5	8.0	54	6.8	11	24	4.3	9.0	26	2.4	4.2
19	63	4.5	8.7	926	37	427	29	4.9	11	23	2.8	5.4
20	28	4.1	6.8	278	35	58	23	3.1	7.7	25	2.0	3.9
21	33	4.3	6.0	107	13	32	20	2.7	4.4	21	<2.0	4.9
22	29	4.6	7.1	71	8.6	18	32	2.7	4.7	8.9	<2.0	2.5
23	31	3.7	6.2	60	7.3	21	20	3.2	6.6	4.1	<2.0	2.2
24	31	4.4	6.8	51	5.9	16	70	9.2	15	33	<2.0	4.2
25	42	4.2	6.1	66	6.9	11	25	4.4	9.6	197	2.1	42
26	71	8.8	18	48	6.6	16	29	2.9	5.0	287	67	136
27	164	8.8	34	74	6.6	15	29	2.4	4.3	89	4.3	14
28	25	7.0	9.3	85	15	29	31	2.1	5.0	28	4.2	9.0
29	24	5.4	11	27	14	18	35	2.2	4.3	24	3.3	8.6
30	27	5.8	10	50	9.3	12	24	3.7	8.2	22	3.4	5.3
31	29	5.1	7.4	---	---	---	32	3.0	7.1	17	2.7	7.0
MAX	164	8.8	34	926	37	427	639	12	40	287	67	136
MIN	11	3.7	6.0	12	3.7	6.1	20	2.1	4.3	4.1	2.0	2.2

< 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 02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135  
 LATITUDE 335950 LONGITUDE 0841207 NAD83 DRAINAGE AREA 1170.00 CONTRIBUTING DRAINAGE AREA DATUM 878.14 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	18	3.1	4.8	7.3	2.0	2.8	6.9	2.0	3.2	13	<2.0	1.9
2	52	2.1	4.2	4.0	<2.0	2.3	8.4	<2.0	2.7	57	2.0	11
3	202	22	69	5.8	2.2	3.0	8.1	<2.0	3.0	62	5.0	9.3
4	31	4.4	21	5.7	2.2	2.8	4.1	<2.0	2.2	8.5	<2.0	3.1
5	19	2.6	6.9	6.1	<2.0	2.7	10	<2.0	2.9	5.8	<2.0	2.2
6	634	2.8	34	14	2.1	6.1	3.9	<2.0	2.5	4.4	<2.0	2.3
7	964	44	156	13	2.9	8.3	3.8	<2.0	2.3	7.8	<2.0	2.3
8	138	8.8	30	4.6	2.1	2.9	4.1	<2.0	1.8	6.2	<2.0	1.9
9	116	4.8	9.6	5.0	<2.0	2.4	6.2	<2.0	2.5	7.9	<2.0	2.2
10	30	2.6	7.8	8.4	<2.0	2.5	4.0	<2.0	2.5	7.7	<2.0	2.4
11	14	3.1	5.3	6.6	<2.0	3.3	7.0	<2.0	2.6	11	<2.0	2.6
12	440	5.3	35	18	2.3	7.1	12	<2.0	2.6	5.2	<2.0	2.7
13	375	6.2	23	13	2.3	3.7	81	11	55	13	3.5	10
14	25	4.0	9.1	15	2.0	3.9	68	9.0	17	45	7.1	20
15	35	6.1	13	12	<2.0	2.7	22	3.8	5.4	8.7	3.5	4.8
16	97	8.0	55	10	<2.0	3.1	13	3.1	4.4	9.7	2.6	3.5
17	14	6.4	9.2	17	<2.0	3.4	9.5	3.1	4.4	8.9	2.6	3.9
18	12	2.4	4.8	9.6	2.0	3.1	10	2.9	4.1	45	3.7	9.8
19	12	3.1	5.0	9.8	<2.0	2.4	8.8	2.2	2.8	42	5.9	7.7
20	15	2.8	5.7	6.2	<2.0	2.9	3.8	2.0	2.6	52	5.0	11
21	8.0	3.4	5.0	20	2.2	4.2	8.0	2.0	2.9	14	3.3	5.2
22	9.9	2.4	4.8	9.1	<2.0	2.3	9.1	<2.0	2.8	90	2.8	4.1
23	6.0	2.3	3.5	11	<2.0	4.3	5.5	2.0	2.9	30	4.0	6.3
24	5.5	<2.0	2.6	10	<2.0	2.0	10	2.2	2.9	11	2.8	4.4
25	4.6	<2.0	2.7	7.7	<2.0	2.4	20	2.4	3.2	12	2.7	4.0
26	7.1	2.0	3.3	13	<2.0	2.5	18	2.0	3.0	17	2.3	3.5
27	12	3.9	6.6	8.8	<2.0	3.0	33	<2.0	2.7	10	2.2	3.3
28	7.5	3.3	4.4	8.1	2.5	3.9	2.8	<2.0	1.6	7.3	2.4	4.0
29	7.3	2.2	4.0	12	<2.0	2.8	13	<2.0	2.5	7.4	<2.0	3.4
30	---	---	---	19	3.3	6.7	9.0	<2.0	1.4	16	2.3	3.8
31	---	---	---	9.3	3.2	4.1	---	---	---	31	3.0	9.7
MAX	964	44	156	20	3.3	8.3	81	11	55	90	7.1	20
MIN	4.6	2.0	2.6	4.0	2.0	2.0	2.8	2.0	1.4	4.4	2.0	1.9

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

STATION NUMBER 02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135  
 LATITUDE 335950 LONGITUDE 0841207 NAD83 DRAINAGE AREA 1170.00 CONTRIBUTING DRAINAGE AREA DATUM 878.14 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	58	4.1	7.8	399	44	104	110	6.4	10	20	<2.0	2.9
2	21	2.5	3.9	1380	72	453	59	3.8	7.2	55	2.3	4.8
3	7.4	2.2	3.2	72	18	27	48	3.0	4.8	48	4.4	6.1
4	12	2.2	3.3	88	9.2	19	43	2.8	4.6	24	2.2	4.1
5	11	<2.0	3.5	119	8.9	15	84	2.7	8.3	16	<2.0	2.8
6	7.1	<2.0	2.8	61	5.9	17	142	18	52	3.8	<2.0	2.1
7	183	<2.0	4.4	86	4.3	12	65	4.2	7.1	1080	<2.0	305
8	87	6.9	12	54	3.7	8.7	30	4.3	8.4	742	117	298
9	20	3.5	5.1	51	3.4	11	44	3.1	4.5	348	33	63
10	35	5.1	14	16	3.1	6.0	41	2.9	5.7	281	9.7	13
11	11	2.9	4.5	27	3.3	6.1	41	2.6	4.4	68	6.4	13
12	18	2.8	5.2	26	2.7	4.4	545	14	160	46	7.1	10
13	123	16	30	147	8.7	32	417	39	147	34	4.4	6.3
14	74	5.1	9.1	114	3.2	7.2	276	7.7	11	51	4.3	7.5
15	90	6.8	20	413	62	145	33	5.6	9.8	52	3.5	6.8
16	116	16	30	191	9.1	15	24	3.6	5.7	1640	4.5	12
17	26	4.6	8.2	49	5.1	10	64	3.3	5.1	2090	355	937
18	70	5.5	11	49	8.8	18	34	3.1	4.7	433	47	120
19	19	4.8	7.3	38	5.2	7.0	32	3.3	5.0	53	23	36
20	21	3.2	5.5	39	<2.0	5.8	34	2.8	3.9	559	23	66
21	60	3.2	10	46	2.5	5.3	25	3.2	5.3	53	22	37
22	44	2.6	8.5	46	2.2	4.2	28	3.2	4.5	65	16	28
23	94	4.9	14	42	<2.0	3.2	31	2.3	3.6	32	17	23
24	64	6.8	9.3	36	2.8	9.4	23	<2.0	3.3	29	11	19
25	62	9.9	29	28	2.3	4.2	152	<2.0	5.0	39	11	17
26	152	44	67	311	3.6	29	55	2.5	4.2	76	12	19
27	492	9.4	27	72	4.4	9.6	28	<2.0	3.4	248	6.1	15
28	1250	122	476	220	4.2	5.9	27	2.0	3.8	604	46	344
29	208	23	70	235	7.2	15	40	<2.0	2.8	54	14	22
30	277	12	27	2020	42	395	344	16	38	24	7.6	16
31	---	---	---	302	16	23	27	2.0	3.1	---	---	---
MAX	1250	122	476	2020	72	453	545	39	160	2090	355	937
MIN	7.1	2.0	2.8	16	2.0	3.2	23	2.0	2.8	3.8	2.0	2.1

YEAR MAX MAXIMUM 2090 MINIMUM 2.8  
 MIN MAXIMUM 355 MINIMUM 2.0  
 MEDIAN MAXIMUM 937 MINIMUM 1.4

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