

**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 County, Hydrologic Unit Code 03130001, on GA 141, 1.5 miles upstream from John Creek, 4.5 miles north of Norcross, 6.5 miles downstream from Suwanee Creek, 18 miles downstream from Buford Dam, at river mile 330.8.

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

**COOPERATION.**—National Park Service, Upper Chattahoochee Riverkeeper, Cobb County Water System, Cobb-Marietta Water Authority.

**PERIODIC WATER-QUALITY RECORDS**

**PERIOD OF RECORD.**—August 1941, October 1957 to May 1958, January 1961 to June 1969, April 1970, October 1975 to September 1976, August 1992 to September 1995, October 2000 to current year.

**REMARKS.**—Bacteriological and turbidity laboratory analyses are by the U.S. Geological Survey and the National Park Service at the Georgia Water Science Center Laboratory.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Turbidity white light, det ang 9030 corrctd (63676)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	Total coli- form, Defined Tech., MPN/ 100 mL (50569)
OCT				
01...	1035	6.0	42	1590
03...	0740	9.0	18	1280
06...	0943	12	100	1760
08...	0950	8.3	460	15500
10...	1135	6.7	110	1370
15...	0930	7.5	67	2520
17...	0845	6.0	18	1100
20...	1040	7.6	39	4840
22...	1100	6.0	49	1160
24...	1000	6.2	36	401
27...	1125	34	900	173000
29...	1200	10	37	1730
31...	1200	13	27	1850
NOV				
03...	1135	14	18	1310
05...	1021	8.0	47	1300
07...	1209	9.6	130	4320
12...	1020	5.8	47	956
14...	1150	8.0	9	1490
17...	1145	10	270	14900
19...	0920	410	9500	>242000
21...	1145	14	340	12900
24...	1220	7.4	320	6260
DEC				
01...	1200	12	47	1400
03...	0915	5.8	34	771
05...	1145	6.1	98	3170
08...	1134	5.7	37	1280
10...	1205	22	670	12500
12...	1120	10	87	3470
15...	1134	10	110	3080
17...	1140	4.2	110	2230
19...	1145	5.7	95	1010
22...	1010	4.0	65	738
29...	1107	7.1	66	635
JAN				
05...	1135	3.2	47	416
07...	1020	5.2	51	1160
09...	1135	5.4	65	674

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Date	Time	Turbidity white light, det ang 9030 correctd NTRU (63676)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	Total coli- form, Defined Tech., MPN/ 100 mL (50569)
12...	1155	3.0	9	340
14...	1035	3.2	29	260
16...	1220	6.6	36	485
19...	1149	410	940	41100
21...	1225	5.5	32	428
23...	1205	2.8	18	328
26...	1149	95	940	41100
28...	0920	4.9	57	591
30...	1220	3.0	27	664
FEB				
02...	1205	3.4	<10	545
04...	1126	14	220	4570
06...	1416	45	550	7950
09...	1145	6.6	440	12900
11...	1205	4.9	46	1770
13...	1235	24	110	5460
18...	1510	3.8	16	919
20...	1152	4.0	37	660
23...	1114	2.9	23	315
25...	0917	2.9	22	444
27...	1116	7.0	98	1590
MAR				
01...	1200	2.1	56	316
03...	1005	3.0	20	361
05...	1142	<2.0	14	333
08...	1136	<2.0	26	492
10...	1108	<2.0	10	846
12...	1200	<2.0	18	433
15...	1141	2.1	24	364
17...	0933	2.7	41	746
19...	1119	<2.0	30	519
22...	1135	2.2	22	244
24...	1003	2.0	33	248
26...	1113	3.5	21	369
29...	1122	2.4	67	777
31...	1000	3.3	150	1470
APR				
02...	1107	2.6	40	375
05...	1108	<2.0	78	476
07...	0940	<2.0	36	527
09...	0947	<2.0	54	748
12...	0940	<2.0	200	1160
14...	0834	16	840	19900
16...	1000	2.9	76	1990
19...	1031	<2.0	35	1780
21...	0920	2.3	98	2010
23...	1100	<2.0	37	760
26...	1130	2.4	96	9070
28...	0945	2.1	38	1020
30...	1140	<2.0	55	1280
MAY				
05...	0830	2.2	63	1460
07...	1040	2.1	27	989
10...	1130	2.3	99	1050
12...	0730	2.2	98	1960
14...	1135	14	420	19500
17...	1115	2.2	110	3340
19...	0920	3.8	97	3450
21...	1050	2.2	150	1990
24...	1128	2.4	77	2840
26...	1030	2.4	88	3630
28...	1120	2.4	77	1480
JUN				
02...	0910	2.8	92	2560
04...	1045	2.8	72	2730
07...	1038	3.4	9	3950
09...	1150	<2.0	65	3840
14...	1047	6.0	180	12400
16...	0730	42	1000	98000
18...	1120	8.0	150	23600
21...	1138	3.5	180	8000

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23...	0905	11	220	17000
28...	1050	270	18000	46100
30...	0935	14	210	12900
JUL				
07...	0945	5.0	42	4360
12...	1045	2.2	200	5130
14...	0840	2.7	36	3540
21...	0855	3.5	70	2740
26...	1015	6.0	270	13500
28...	0800	3.4	18	11500
AUG				
02...	1100	3.7	57	4220
04...	0715	3.7	47	3660
09...	1115	2.6	18	2600
11...	0720	4.1	50	6490
18...	1105	2.1	65	2490
23...	1145	<2.0	46	3080
25...	0915	<2.0	37	2050
30...	1205	24	410	8860
SEP				
01...	1015	2.7	78	3030
08...	0815	230	7000	326000
13...	1105	3.8	84	5940
15...	0900	2.9	99	6870
22...	0935	11	150	19900
27...	1150	5.6	37	4030
29...	1035	13	110	8600

0Remark codes used in this table:

< -- Less than  
> -- Greater than