

**APALACHICOLA RIVER BASIN
2002 Water Year**

02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA

LOCATION.—Lat 33°51'33", long. 84°27'16", Reference to North American Datum (NAD) of 1983 Fulton-Cobb County line, on left bank, 30.0 feet upstream from new bridge on Paces Ferry Road, 1.0 mile downstream from Rottenwood Creek, 2.5 miles upstream from Peachtree Creek, and at mile 303.0.

DRAINAGE AREA. -- 1,450 mi².

PERIODIC WATER-QUALITY RECORDS

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	TUR- BID- ITY LAB (NTU) (82079)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	E COLI, COLI- LERT QUANTRY WATER (MPN/ 100 ML) (50468)	TOTAL COLI- FORM, COLILRT QNT,WTR (MPN/ 100 ML) (50569)
OCT				
01...	7.6	97	62	4650
02...	7.2	93	79	4160
03...	8.0	95	58	3090
04...	7.2	90	110	14100
05...	6.0	93	140	12000
06...	20	94	960	86600
07...	7.9	99	230	5300
08...	8.2	85	150	5050
09...	9.8	86	71	2630
10...	7.6	90	74	2260
11...	24	89	360	7560
12...	3.0	--	88	3680
13...	5.1	--	87	2420
14...	8.8	--	470	15500
15...	7.3	--	180	6280
16...	8.4	93	78	3070
17...	7.4	90	76	4460
18...	7.2	83	48	2180
19...	4.4	100	50	1870
20...	3.9	90	35	1860
21...	5.4	95	85	1780
22...	4.0	88	59	2000
23...	6.0	101	51	2750
24...	4.0	97	56	2430
25...	6.0	88	170	2880
26...	5.0	89	140	8660
27...	3.0	89	220	2230
28...	4.0	86	64	1180
29...	4.0	90	68	1360
30...	3.0	88	47	1070
31...	4.0	91	76	869
NOV				
01...	4.0	92	71	678
02...	2.7	83	47	608
03...	3.7	88	90	1550
04...	3.7	96	71	1260
05...	6.3	87	64	1140
06...	4.7	90	71	3180
07...	4.1	102	38	2330
08...	4.1	96	49	847
09...	2.9	103	51	758
10...	3.8	94	86	908
11...	3.6	103	24	1140
12...	3.5	106	35	923
13...	3.0	107	44	702
14...	3.0	105	42	704
15...	4.4	97	42	467
16...	2.5	109	35	850
17...	3.7	101	33	881
18...	2.6	109	40	443
19...	3.4	108	44	389
20...	3.6	110	28	481
21...	4.3	108	67	380
22...	4.4	100	89	668
23...	3.8	79	100	782

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WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	TUR- BID- ITY LAB (NTU) (82079)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	E COLI, COLI- LERT QUANTRY WATER (MPN/ 100 ML) (50468)	TOTAL COLI- FORM, COLILRT QNT,WTR (MPN/ 100 ML) (50569)
24...	5.1	92	350	9710
25...	6.4	95	270	5360
26...	6.0	89	88	573
27...	6.1	87	76	634
28...	4.7	90	100	589
29...	7.8	88	140	791
30...	23	77	1200	>24200
DEC				
01...	6.7	84	130	3820
02...	6.7	81	200	1210
03...	5.6	81	80	731
04...	4.6	83	50	1420
05...	4.1	74	46	1050
06...	4.4	82	43	328
07...	5.0	100	66	3130
08...	6.2	99	63	1170
09...	5.7	98	37	719
10...	4.9	103	520	2140
11...	15	103	470	5340
12...	7.6	91	140	1310
13...	7.5	91	170	783
14...	11	93	380	11800
15...	8.0	92	120	1290
16...	7.7	93	78	1220
17...	7.0	96	120	626
18...	27	98	2300	68700
19...	27	81	500	4220
20...	36	88	290	3880
21...	24	73	220	4430
22...	9.6	74	53	1200
27...	7.7	91	66	538
28...	6.9	90	73	1040
29...	21	92	50	1370
30...	5.6	94	53	981
JAN				
04...	4.5	105	88	1030
05...	7.3	101	43	534
06...	40	120	2200	64900
07...	5.0	106	120	2800
08...	7.0	94	120	2540
09...	6.0	103	48	1460
10...	7.0	106	35	1240
11...	4.2	103	58	463
12...	3.7	98	33	433
13...	3.8	100	23	722
14...	4.0	105	29	507
15...	4.0	100	38	660
16...	4.0	83	14	523
17...	4.0	88	17	177
18...	3.0	1010	20	345
19...	6.0	108	15	514
20...	200	593	4100	107000
21...	140	56	1500	162000
22...	66	67	2800	40800
23...	48	73	830	12200
24...	44	74	810	18700
25...	120	70	2100	23100
26...	97	67	1000	15100
27...	67	70	230	10100
28...	38	80	170	2690
29...	21	93	39	1690
30...	19	100	53	919
31...	14	105	55	1160

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Date	TUR- BID- ITY LAB (NTU) (82079)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	E COLI, COLI- LERT QUANTRY WATER (MPN/ 100 ML) (50468)	TOTAL COLI- FORM, COLILRT QNT,WTR (MPN/ 100 ML) (50569)
FEB				
01...	14	107	48	873
02...	13	106	55	1170
03...	10	114	87	1250
04...	7.1	107	92	1440
05...	4.7	101	41	845
06...	16	87	840	3540
07...	16	84	980	9530
08...	27	78	860	12900
09...	30	85	670	6780
10...	21	89	250	3440
11...	10	100	75	1820
12...	8.5	101	37	448
13...	4.1	105	49	804
14...	3.5	102	30	375
15...	5.0	103	77	1410
16...	5.2	108	50	1060
17...	5.9	104	47	666
18...	6.1	93	97	1010
19...	4.0	107	25	378
20...	4.3	108	33	500
21...	4.8	105	68	1110
22...	4.1	101	61	1310
23...	4.2	102	34	1070
24...	4.7	108	31	617
25...	2.8	107	45	1320
26...	2.5	110	19	1690
27...	3.0	104	18	1130
28...	3.8	107	31	1100
MAR				
01...	3.1	99	27	777
02...	22	83	420	22900
03...	58	68	1100	29000
04...	46	76	740	2480
05...	37	76	43	1040
06...	16	94	160	3360
07...	11	95	90	3760
08...	6.7	83	85	3110
09...	7.9	84	110	4080
10...	9.1	81	120	3070
11...	3.4	85	260	1820
12...	4.1	89	150	5320
13...	7.1	78	190	4650
14...	6.9	78	120	1900
15...	10	91	27	732
16...	12	95	55	1430
17...	12	99	62	1870
18...	7.6	114	38	3190
19...	7.8	112	40	1790
20...	9.2	114	12	2840
21...	14	108	510	11000
22...	9.0	106	110	2720
23...	6.8	100	49	2080
24...	5.9	94	26	1910
25...	6.9	106	36	1170
26...	12	97	280	19900
27...	38	90	850	24200
28...	21	89	140	3610
29...	8.0	98	61	2930
30...	150	62	3700	129000
31...	260	56	4500	86600

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Date	TUR- BID- ITY LAB (NTU) (82079)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	E COLI, COLI- LERT QUANTRY WATER (MPN/ 100 ML) (50468)	TOTAL COLI- FORM, COLILRT QNT,WTR (MPN/ 100 ML) (50569)
APR				
01...	47	50	1500	25500
02...	47	50	480	6720
03...	27	58	85	3310
04...	16	65	64	5170
05...	11	101	51	3500
06...	9.1	100	54	2790
07...	8.6	94	59	4410
08...	3.2	85	53	2820
09...	3.6	85	66	4680
10...	5.8	82	73	2600
11...	3.9	92	33	3920
12...	8.8	91	64	3390
13...	12	103	790	38700
14...	8.8	92	350	10100
15...	3.0	82	150	8160
16...	7.0	99	110	4610
17...	5.0	102	53	3260
18...	5.0	109	76	4640
19...	7.0	116	25	3120
20...	5.0	117	110	4880
21...	6.0	127	87	4940
22...	6.1	124	55	9210
23...	6.7	110	120	5170
24...	6.1	117	99	5790
25...	7.6	105	500	23400
26...	6.4	89	620	9540
27...	4.7	94	67	6330
28...	4.8	105	84	3450
29...	15	108	860	>24200
30...	7.2	107	160	10200
MAY				
01...	11	98	280	18900
02...	14	104	250	10300
03...	9.6	90	210	8060
04...	200	57	8600	548000
05...	140	57	4100	195000
06...	110	63	1100	22800
07...	46	72	270	5560
08...	29	70	200	11100
09...	15	83	82	9800
10...	13	106	170	13400
11...	9.0	97	200	16700
12...	8.0	100	110	10500
13...	9.2	109	180	12000
14...	8.5	110	1400	81600
15...	8.3	111	170	11800
16...	6.2	110	140	10100
17...	9.0	96	87	9720
18...	35	81	3000	199000
19...	12	100	310	14300
20...	8.4	87	200	9800
21...	3.9	95	180	11200
22...	5.1	102	70	8660
23...	4.1	98	70	8660
24...	3.7	108	69	15500
25...	3.0	105	59	10500
26...	4.0	105	70	12200
27...	3.0	107	72	11800
28...	2.3	102	72	13800
29...	2.4	103	79	10700
30...	2.3	104	46	11200
31...	3.7	99	110	5630

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JUN				
01...	3.5	95	50	8520
02...	4.1	103	110	11200
03...	3.2	102	82	13000
04...	3.7	103	55	15500
05...	70	83	6700	>242000
06...	10	91	720	26300
07...	27	81	800	58400
08...	9.0	94	130	16500
09...	11	89	200	20600
10...	5.0	101	56	12900
11...	3.2	100	55	12700
12...	3.5	103	100	11200
13...	4.3	96	84	10100
14...	5.0	--	71	21900
15...	10	--	660	120000
16...	8.0	--	150	14000
17...	4.0	--	50	8660
18...	4.0	--	74	9210
19...	5.0	--	69	12000
20...	5.0	--	53	11700
21...	6.0	--	53	9760
22...	5.0	--	170	11300
23...	5.0	--	180	8600
24...	3.0	--	240	19600
25...	2.0	--	120	9000
26...	7.0	--	500	20600
27...	3.0	--	95	8120
28...	3.0	--	1900	13000
29...	4.0	--	160	7780
30...	5.0	--	89	8400
JUL				
01...	3.0	--	150	8880
02...	1.0	--	47	7030
03...	10	--	2300	77000
04...	23	--	1500	68700
05...	10	--	750	11900
06...	7.0	--	150	11100
07...	8.0	--	87	8660
08...	7.0	--	46	8270
09...	5.0	--	80	9740
10...	5.0	--	47	7980
11...	5.0	--	220	19100
12...	4.0	--	110	9470
13...	5.0	--	130	8440
14...	56	--	3400	120000
16...	3.0	--	150	10200
17...	3.0	--	99	9090
18...	3.0	--	180	8950
19...	3.0	--	66	6150
20...	7.0	--	120	8500
21...	7.0	--	67	6060
22...	8.0	--	430	2460
23...	7.0	--	120	10800
24...	55	--	2100	112000
25...	28	--	720	30100
26...	13	--	230	9240
27...	11	--	220	8450
28...	9.0	--	160	16400
29...	7.0	--	65	6490
30...	7.0	--	120	12000
31...	12	--	370	14100

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Date	TUR- BID- ITY LAB (NTU) (82079)	E COLI, COLI- LERT QUANTRY WATER (MPN/ 100 ML) (50468)	TOTAL COLI- FORM, COLILRT QNT, WTR (MPN/ 100 ML) (50569)
AUG			
01...	9.0	110	5790
02...	5.0	83	7270
03...	10	210	6490
04...	8.0	77	7170
05...	5.0	87	7270
06...	6.0	93	4610
07...	5.0	64	6490
08...	6.0	63	4520
09...	4.0	69	5240
10...	5.0	46	3080
11...	6.0	56	5790
12...	5.0	65	3660
13...	5.0	35	4220
14...	6.0	74	4610
15...	5.0	110	7270
17...	5.0	180	8710
18...	10	280	12000
19...	6.0	180	9590
20...	13	930	24200
21...	6.0	110	5190
22...	6.0	93	7700
23...	8.0	140	2000
24...	9.0	190	9170
25...	7.0	75	8520
26...	5.0	69	3970
27...	21	700	36500
28...	12	130	11900
29...	12	76	12000
30...	7.0	87	2660
31...	7.0	100	5790
SEP			
01...	3.0	120	8880
02...	7.0	76	6850
03...	7.0	160	8160
04...	10	110	12000
05...	15	250	10500
06...	7.0	160	7200
07...	8.0	70	4800
08...	6.0	59	4840
09...	5.0	47	7340
10...	7.0	200	8040
11...	8.0	85	5050
12...	12	150	8880
13...	10	170	6870
14...	28	3800	155000
15...	9.0	770	33500
16...	10	120	5870
17...	13	260	7060
18...	310	20000	242000
19...	49	950	32600
20...	29	280	24200
21...	260	19000	687000
22...	47	930	38700
23...	60	320	22800
24...	48	190	11100
25...	24	320	14100
26...	16	190	20900
27...	15	660	11000
28...	16	220	7700
29...	15	75	10600
30...	16	75	12700

Remark codes used in this report:
> -- Greater than