

APALACHICOLA RIVER BAIN
1999 and 2000 Water Years

02334550 CHATTAHOOCHEE RIVER AT SETTLES BRIDGE RD NEAR SUWANEE, GA

LOCATION.—Lat 34°05'54", long 84°06'36", Gwinnett County, Hydrologic Unit 03130001, 1.9 miles downstream from James Creek, 1.3 miles upstream from Level Creek, and at mile 343.6.

DRAINAGE AREA.—1,073 miles².

PERIODIC WATER-QUALITY DATA

PERIOD OF RECORD.—August 1977 to December 1977, and March 1999 to April 2000.

REMARKS.—Datum of gage is 900 ft (from topographic map).

WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	TIME	AGENCY ANA- LYZING SAMPLE NUMBER (00028)	AGENCY COL- LECTING SAMPLE NUMBER (00027)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM- PLING METHOD, CODES (82398)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	
MAR										
26...	1230	1028	1028	E583	10	2	--	9.1	--	6.8
APR										
01...	1430	1028	1028	E609	10	7	737	10.3	96	6.8
06...	1110	1028	1028	E588	10	2	744	10.1	92	6.2
11...	1445	1028	1028	E578	10	3	739	12.0	115	6.9
16...	1125	1028	1028	E588	10	1	739	10.4	95	6.7
21...	1210	1028	1028	E576	10	1	744	11.8	109	6.7
26...	1510	1028	1028	E582	10	2	741	10.9	101	6.9
MAY										
01...	1310	1028	1028	E568	10	1	743	10.3	96	6.8
06...	1315	1028	1028	E673	10	41	739	9.0	85	6.9
11...	1225	1028	1028	E576	10	1	744	8.1	77	6.5
16...	0820	1028	1028	E591	10	1	748	8.7	79	6.3
21...	1315	1028	1028	E611	10	1	746	9.0	84	6.6
26...	1255	1028	1028	E585	10	2	738	10.4	97	6.4
31...	0945	1028	1028	E605	10	1	745	8.6	80	6.7
JUN										
05...	0805	1028	1028	E583	10	1	741	8.4	78	6.7
10...	1315	1028	1028	E587	10	3	743	8.6	84	7.0
15...	0915	1028	1028	E617	10	56	743	7.2	70	6.9
20...	1255	1028	1028	E617	10	2	748	8.6	82	6.5
25...	1100	1028	1028	E603	10	2	740	7.0	67	5.9
30...	1200	1028	1028	E607	10	10	740	9.6	93	6.7
JUL										
06...	1315	1028	1028	E615	10	2	742	10.0	97	6.7
10...	1000	1028	1028	E598	10	2	745	10.3	97	6.6
15...	1130	1028	1028	E679	10	2	748	11.9	112	6.7
20...	1220	1028	1028	E667	10	10	746	11.4	112	7.0
25...	0700	1028	1028	E733	10	28	735	9.8	93	6.1
30...	1105	1028	1028	E607	10	1	738	7.1	68	6.7
AUG										
04...	1055	1028	1028	E642	10	2	742	10.1	95	6.7
09...	1030	1028	1028	E637	10	13	740	7.0	66	6.6
14...	0935	1028	1028	E591	10	2	740	7.0	66	6.6
19...	1045	1028	1028	E595	10	2	742	7.3	69	6.4
24...	1230	1028	1028	E652	30	790	741	7.0	70	6.1
29...	1045	1028	1028	E595	10	3	739	6.6	63	6.3
SEP										
03...	1025	1028	1028	E597	10	3	744	7.1	67	6.5
08...	1115	1028	1028	E588	10	4	740	6.2	59	6.6
13...	1120	1028	1028	E641	10	5	746	7.2	67	6.5
17...	0930	1028	1028	E595	10	5	747	7.2	66	6.4
23...	1115	1028	1028	E565	10	5	744	6.9	64	6.6
28...	1110	1028	1028	E609	10	25	748	6.0	57	7.1

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02334550 CHATTAHOOCHEE RIVER AT SETTLES BRIDGE RD NEAR SUWANEE, GA, continued

DATE	CLOSTR- SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	COLI- TEMPER- ATURE AIR (DEG C) (00020)	COLI- TEMPER- ATURE WATER (DEG C) (00010)	IDIU MCP MF, WATER (COL/ 100 ML) (90915)	PHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)	FECAL PHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	ENTERO- COCCI, ME MF, WATER (COL/ 100 ML) (31649)	COLI- FORM 24-HR MEM. FIL (COLS./ 100 ML) (31613)	SAMPLER TYPE (CODE) (84164)
MAR										
26...	36	14.0	10.1	--	--	--	K5	K5	K5	3044
APR										
01...	40	23.0	10.8	--	--	--	35	97	25	3044
06...	38	20.0	10.4	--	--	--	10	11	K9	3044
11...	39	--	12.2	--	--	--	<1	--	K3	3044
16...	36	18.5	9.9	--	--	--	K9	K5	K9	3044
21...	37	27.5	10.6	--	--	--	<1	K3	K3	3044
26...	41	18.5	10.6	--	--	--	K10	10	K8	3044
MAY										
01...	42	21.0	11.1	--	--	--	<1	K3	<1	3044
06...	38	16.5	11.3	--	--	--	1000	690	680	3044
11...	38	31.0	11.8	--	--	--	K1	K3	K2	3044
16...	35	25.0	10.3	--	--	--	--	5	--	3044
21...	38	22.5	11.5	--	--	--	K3	K2	K4	3044
26...	38	24.0	11.0	--	--	--	K2	8	K3	3044
31...	38	21.0	10.9	--	--	--	--	8	8	3044
JUN										
05...	37	26.0	10.7	--	--	--	--	12	7	3044
10...	38	28.0	13.0	--	--	--	8	K1	K4	3044
15...	38	26.0	12.7	140	--	--	K910	1400	620	3044
20...	38	22.5	12.2	--	--	--	K4	--	4	3044
25...	37	25.0	12.1	--	--	--	K5	76	27	3044
30...	38	28.0	12.5	--	--	--	80	78	110	3044
JUL										
06...	38	31.0	12.9	--	--	--	4	K3	K4	3044
10...	38	31.0	11.5	--	--	--	K9	13	12	3044
15...	38	22.5	12.0	--	--	--	10	5	9	3044
20...	39	27.0	13.6	--	--	--	K9	4	14	3044
25...	41	20.0	11.6	--	--	--	K300	K25	850	3044
30...	38	27.0	12.0	--	--	--	7	K5	56	3044
AUG										
04...	38	24.5	11.6	--	--	--	11	K6	11	3044
09...	39	24.5	11.7	--	--	--	93	100	220	3044
14...	39	26.0	11.5	--	--	--	16	--	16	3044
19...	42	27.0	11.6	--	--	--	K7	K5	K7	3044
24...	39	24.0	14.0	--	--	--	5600	8000	5200	3044
29...	38	27.0	11.6	--	--	--	K8	K15	13	3044
SEP										
03...	43	23.5	11.4	--	--	--	K18	24	27	3044
08...	43	27.5	11.7	K2	<1	<1	11	K19	K9	3044
13...	44	22.5	11.4	--	--	--	K4	7	K5	3044
17...	45	19.0	10.6	--	--	--	7	K4	7	3044
23...	44	21.5	11.0	--	--	--	11	K3	13	3044
28...	45	23.0	12.2	--	--	--	200	>120	>120	3044

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DATE	TIME	AGENCY ANA- LYZING SAMPLE NUMBER (00028)	AGENCY COL- LECTING SAMPLE NUMBER (00027)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM- PLING METHOD, CODES (82398)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)
OCT										
05...	1115	1028	1028	E615	10	14	745	5.7	54	6.6
13...	1130	1028	1028	E624	10	10	750	5.9	55	6.7
21...	1120	1028	1028	E600	10	11	747	7.1	66	6.5
29...	1100	1028	1028	E707	10	8	753	6.6	63	6.4
NOV										
06...	0800	1028	1028	E660	10	11	755	7.5	67	6.4
14...	1015	1028	1028	E658	10	11	746	6.6	60	6.5
22...	1155	1028	1028	E734	10	5	748	6.1	60	6.4
30...	1230	1028	1028	E706	10	5	757	6.8	65	6.4
DEC										
08...	1145	1028	1028	E952	10	4	--	6.6	--	6.5
16...	1200	1028	1028	E689	10	12	750	7.4	67	6.6
21...	1315	1028	1028	E687	10	10	742	8.1	76	6.8
29...	1100	1028	1028	E678	10	7	741	5.1	46	6.4
JAN										
06...	1145	1028	1028	E679	10	5	751	6.0	54	6.8
14...	1130	1028	1028	E600	10	4	760	9.9	87	7.2
22...	1115	1028	1028	E561	10	2	748	7.2	62	7.1
28...	1030	1028	1028	E573	10	2	754	7.5	63	7.1
FEB										
07...	1145	1028	1028	E831	10	2	750	8.6	72	7.2
15...	1215	1028	1028	E627	10	6	749	10.6	89	7.0
22...	1000	1028	1028	E8880	10	9	756	10.2	86	7.1
MAR										
18...	1030	1028	1028	E603	10	3	752	10.5	89	6.7
APR										
02...	2015	1028	1028	E814	10	300	744	7.8	74	6.8

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OCT										
05...	47	16.0	11.7	--	--	--	K110	280	K120	3044
13...	50	19.0	11.8	--	--	--	K58	87	90	3044
21...	48	15.0	11.0	--	--	--	K2	K31	40	3044
29...	46	14.5	12.6	--	--	--	K11	16	16	3044
NOV										
06...	47	4.0	9.8	--	--	--	50	19	44	3044
14...	49	14.0	10.5	--	--	--	K6	K8	K12	3044
22...	49	20.5	14.0	--	--	--	K3	7	K5	3002
30...	44	18.0	13.3	--	--	--	15	6	13	3044
DEC										
08...	47	11.0	13.1	--	--	--	K8	21	9	3044
16...	46	8.0	10.4	--	--	--	K6	K2	K6	3044
21...	43	11.0	11.5	--	--	--	61	110	47	3044
29...	47	6.0	9.8	--	--	--	17	10	20	3044
JAN										
06...	41	6.5	10.2	--	--	--	26	11	29	3044
14...	43	4.0	9.7	--	--	--	43	42	53	3044
22...	42	1.5	8.2	--	--	--	--	--	--	3044
28...	42	3.0	7.4	--	--	--	25	20	28	3044
FEB										
07...	40	9.0	7.2	--	--	--	K11	K8	K9	3044
15...	42	19.0	7.0	--	--	--	13	--	22	3044
22...	39	7.0	7.6	K19	--	--	32	83	25	3044
MAR										
18...	42	11.5	7.5	--	--	--	14	16	17	3044
APR										
02...	42	21.0	11.8	680	1	4	3300	2900	K4000	3045