

APALACHICOLA RIVER BASIN
1999-2000 Water Year

02338000 CHATTAHOOCHEE RIVER NEAR WHITESBURG, GA
(National Water-Quality Assessment station)

LOCATION.—Lat 33°28'37", long 84°54'04", Carroll-Coweta County line, Hydrologic Unit 03130002, 1.5 miles downstream from Cedar Creek, 2.0 miles downstream from Snake Creek, and at mile 259.8.

DRAINAGE AREA.—2430 mi², approximately.

PERIODIC WATER-QUALITY RECORDS

PERIOD OF RECORD.—February 1968 to May 1972, July 1975 to current year.

PERIOD OF DAILY RECORD.—

WATER TEMPERATURE: August 1975 to September 1976, November 1978 to September 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.—

WATER TEMPERATURE: Maximum 31.5°C June 24, 1981; minimum, 1.5°C Jan 13, 1982.

REMARKS.—Other water-quality data for this site may be found in other themes of this report.

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02338000 CHATTAHOOCHEE RIVER NEAR WHITESBURG, GA--continued
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WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	TIME	AGENCY	AGENCY	DIS-CHARGE,		SOLIDS,	SOLIDS,	SUM OF	TUR-	BARO-	
		ANA-COL-	LYZING LECTING	INST.	CUBIC FEET	SAM-PLING	SOLVED (TONS PER METHOD, CODES	SOLVED (TONS PER AC-FT)	CONSTITUENTS, DAY)	BID-ITY	METRIC PRES-
		SAMPLE (CODE NUMBER)	SAMPLE (CODE NUMBER)	GAGE HEIGHT (FEET)	SECOND (00061)	(82398)	(70303)	(70302)	(70301)	FIELD WATER UNFLTRD	SURE (MM OF HG)
		(00028)	(00027)	(00065)	(00061)					(61028)	(00025)
OCT											
27...	1000	80020	1028	2.78	1490	20	.12	346	83	3	758
27...	1001	1028	1028	2.78	1490	20	--	--	--	--	--
NOV											
30...	1445	80020	1028	2.85	1550	20	.13	398	86	4	747
30...	1446	1028	1028	2.85	1550	20	--	--	--	--	--
DEC											
16...	1415	80020	1028	3.19	1850	20	.10	380	69	10	746
16...	1416	1028	1028	3.19	1850	20	--	--	--	--	--
JAN											
27...	1300	80020	1028	3.82	2440	20	.10	461	63	80	752
27...	1301	1028	1028	3.82	2440	20	--	--	--	--	--
FEB											
26...	1330	80020	1028	3.40	2040	20	.12	501	84	--	750
26...	1331	1028	1028	3.40	2040	20	--	--	--	--	--
MAR											
25...	1615	80020	1028	3.96	2580	20	.11	550	71	10	744
25...	1616	1028	1028	3.96	2580	20	--	--	--	--	--
APR											
20...	1500	80020	1028	3.08	1750	20	.13	458	89	12	748
20...	1501	1028	1028	3.08	1750	20	--	--	--	--	--
MAY											
24...	1415	80020	1028	3.51	2140	20	.13	572	94	7	744
24...	1416	1028	1028	3.51	2140	20	--	--	--	--	--
JUN											
24...	1345	80020	1028	3.01	1670	20	.14	460	101	16	748
24...	1346	1028	1028	3.01	1670	20	--	--	--	--	--
JUL											
22...	1045	80020	1028	3.23	1880	20	.13	503	97	3	751
22...	1046	1028	1028	3.23	1880	20	--	--	--	--	--
AUG											
26...	1145	80020	1028	4.06	2680	20	.09	478	64	60	757
26...	1146	1028	1028	4.06	2680	20	--	--	--	--	--
SEP											
09...	1030	80020	1028	3.15	1770	20	.12	425	88	15	746
09...	1031	1028	1028	3.15	1770	20	--	--	--	--	--

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02338000 CHATTAHOOCHEE RIVER NEAR WHITESBURG, GA--continued
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**02338000 CHATTAHOOCHEE RIVER NEAR WHITESBURG, GA--continued
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	NITRO- GEN, AMMONIA	NITRO- GEN	NITRO- NITRATE	NITRO- GEN, NO2+NO3	NITRO- GEN, NITRITE	NITRO- GEN, ORGANIC	NITRO- GEN, ORGANIC	NITRO- GEN, TOTAL	NITRO- GEN, TOTAL	PHOS- PHATE, ORTHO,	PHOS- PHORUS								
DATE	DIS- SOLVED	DIS- SOLVED	DIS- SOLVED	DIS- SOLVED	DIS- SOLVED	DIS- SOLVED	DIS- SOLVED	(MG/L AS NH4) (71846)	(MG/L AS N) (00602)	(MG/L AS N) (00618)	(MG/L AS NO3) (71851)	(MG/L AS N) (00631)	(MG/L AS NO2) (71856)	(MG/L AS N) (00613)	(MG/L AS N) (00607)	(MG/L AS N) (00605)	(MG/L AS N) (00600)	(MG/L AS PO4) (00660)	(MG/L AS P) (00666)
OCT																			
27...	.05	2.9	2.59	11.5	2.63	.135	.041	.22	.27	2.9	.067	<.050							
27...	--	--	--	--	--	--	--	--	--	--	--	--							
NOV																			
30...	.07	2.7	2.52	11.2	2.54	.069	.021	.14	.19	2.8	.092	<.050							
30...	--	--	--	--	--	--	--	--	--	--	--	--							
DEC																			
16...	.23	2.1	1.65	7.29	1.72	.250	.076	.25	.31	2.2	.110	<.050							
16...	--	--	--	--	--	--	--	--	--	--	--	--							
JAN																			
27...	.21	1.7	1.21	5.36	1.26	.154	.047	.32	.42	1.8	--	.016							
27...	--	--	--	--	--	--	--	--	--	--	--	--							
FEB																			
26...	.51	2.8	1.99	8.80	2.10	.378	.115	.30	.29	2.8	.064	.032							
26...	--	--	--	--	--	--	--	--	--	--	--	--							
MAR																			
25...	.42	2.3	1.59	7.03	1.68	.296	.090	.29	--	1.8	--	.022							
25...	--	--	--	--	--	--	--	--	--	--	--	--							
APR																			
20...	.03	2.7	2.29	10.1	2.35	.210	.064	.37	.44	2.8	.058	.036							
20...	--	--	--	--	--	--	--	--	--	--	--	--							
MAY																			
24...	.03	2.7	2.25	9.94	2.29	.131	.040	.38	.39	2.7	.074	.038							
24...	--	--	--	--	--	--	--	--	--	--	--	--							
JUN																			
24...	.09	2.9	2.49	11.0	2.52	.095	.029	.29	.43	3.0	.083	.039							
24...	--	--	--	--	--	--	--	--	--	--	--	--							
JUL																			
22...	--	2.4	2.05	9.08	2.09	.125	.038	--	--	2.6	.193	.092							
22...	--	--	--	--	--	--	--	--	--	--	--	--							
AUG																			
26...	.16	1.6	1.33	5.91	1.36	.085	.026	.15	.56	2.0	.067	.034							
26...	--	--	--	--	--	--	--	--	--	--	--	--							
SEP																			
09...	.05	2.8	2.52	11.2	2.54	.062	.019	.25	.44	3.0	.304	.119							
09...	--	--	--	--	--	--	--	--	--	--	--	--							

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WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	AGENCY	AGENCY	DIS-CHARGE,		SOLIDS,	SOLIDS,	SUM OF	TUR-	BARO-	
		ANA-COL-	LYZING LECTING	INST.	CUBIC FEET	SAM-PLING	SOLVED (TONS PER METHOD, CODES	SOLVED (TONS PER AC-FT)	CONSTITUENTS, DAY)	BID-ITY	METRIC PRES-
		SAMPLE (CODE NUMBER)	SAMPLE (CODE NUMBER)	GAGE HEIGHT (FEET)	SECOND (00061)	(82398)	(70303)	(70302)	(70301)	FIELD WATER UNFLTRD	SURE (MM OF HG)
		(00028)	(00027)	(00065)	(00061)					(61028)	(00025)
OCT											
28...	1100	80020	1028	2.69	1290	20	.15	390	89	13	757 9.8
28...	1101	1028	1028	2.69	1290	20	--	--	--	13	-- --
NOV											
30...	1215	80020	1028	2.97	1520	20	.14	410	92	32	764 8.5
30...	1216	1028	1028	2.97	1520	20	--	--	--	32	-- --
DEC											
22...	1145	80020	1028	4.42	--	20	.11	--	79	60	753 9.1
22...	1148	1028	1028	4.42	2890	20	--	--	--	60	-- --
JAN											
18...	1245	80020	1028	2.98	1530	20	.13	397	91	8	749 8.5
18...	1246	--	1028	2.98	1530	20	--	--	--	8	-- --
FEB											
09...	1145	80020	1028	2.98	1530	20	.14	421	89	7	756 9.8
09...	1146	1028	1028	2.98	1530	20	--	--	--	7	-- --
MAR											
21...	1200	80020	1028	8.72	8540	20	.05	876	41	190	753 8.5
21...	1201	1028	1028	8.72	8540	20	--	--	--	190	-- --
APR											
26...	1200	80020	1028	3.25	1760	20	.13	442	85	17	750 7.3
26...	1201	1028	1028	3.25	1760	20	--	--	--	17	-- --
MAY											
31...	1115	80020	1028	3.07	1610	20	.10	313	63	20	755 6.3
31...	1116	1028	1028	3.07	1610	20	--	--	--	20	-- --
JUN											
20...	1045	80020	1028	4.26	2720	20	.14	771	90	28	752 6.1
20...	1046	1028	1028	4.26	2720	20	--	--	--	28	-- --
JUL											
11...	1345	80020	1028	2.52	1160	20	.14	332	96	8	752 6.6
11...	1346	1028	1028	2.52	1160	20	--	--	--	8	-- --
AUG											
28...	1045	80020	1028	4.76	3260	20	.11	739	83	45	749 6.3
28...	1047	1028	1028	4.76	3260	20	--	--	--	45	-- --
SEP											
11...	1045	80020	1028	2.58	1200	20	--	--	--	17	753 6.8
11...	1046	1028	1028	2.58	1200	20	--	--	--	17	-- --

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DATE	PHOS- PHORUS TOTAL (MG/L) AS P (00665)	IRON, NESE, DIS- SOLVED (UG/L) AS FE (01046)	MANGA- NESE, DIS- SOLVED (UG/L) AS MN (01056)	2,6-DI-				BEN-				DEETHYL				
				ETHYL	ACETO-	ALA-	ATRA-	FLUR-	DCPA	ATRA-	DI-					
				ANILINE	CHLOR,	CHLOR,	ALPHA	ZINE,	WATER	ZINE,	WATER,					
				WAT FLT	WATER	WATER,	BHC	WATER,	WAT FLD	WATER	WATER,					
				0.7 U	FLTRD	DISS,	DIS-	DISS,	0.7 U	0.7 U	DISS,					
OCT																
28...	--	70	38	<.003	<.002	<.002	<.002	.006	<.002	<.002	<.005	.009				
28...	--	--	--	--	--	--	--	--	--	--	--	--				
NOV																
30...	.090	100	48	<.003	<.002	<.002	<.002	.054	<.002	<.002	E.004	.045				
30...	--	--	--	--	--	--	--	--	--	--	--	--				
DEC																
22...	.132	110	20	<.003	<.002	<.002	<.002	.018	<.002	<.002	<.007	.011				
22...	--	--	--	--	--	--	--	--	--	--	--	--				
JAN																
18...	.063	120	46	<.003	<.002	<.002	<.002	.014	<.002	<.002	<.002	.012				
18...	--	--	--	--	--	--	--	--	--	--	--	--				
FEB																
09...	.062	130	60	<.003	<.002	<.002	<.002	.019	<.002	<.002	<.002	.012				
09...	--	--	--	--	--	--	--	--	--	--	--	--				
MAR																
21...	.339	60	44	<.003	<.002	<.002	<.002	.258	<.002	<.002	E.014	.103				
21...	--	--	--	--	--	--	--	--	--	--	--	--				
APR																
26...	.095	140	42	<.003	<.002	<.002	<.002	.017	<.002	<.002	E.005	.046				
26...	--	--	--	--	--	--	--	--	--	--	--	--				
MAY																
31...	.016	80	158	<.003	<.002	<.002	<.002	.015	<.002	<.002	E.006	.013				
31...	--	--	--	--	--	--	--	--	--	--	--	--				
JUN																
20...	.128	40	20	<.003	<.002	<.002	<.002	E.003	<.002	<.002	E.004	.013				
20...	--	--	--	--	--	--	--	--	--	--	--	--				
JUL																
11...	.076	50	33	<.003	<.002	<.002	<.002	.011	<.002	<.002	E.005	.028				
11...	--	--	--	--	--	--	--	--	--	--	--	--				
AUG																
28...	.151	40	12	<.003	<.002	<.002	<.002	.011	<.002	<.002	E.004	.017				
28...	--	--	--	--	--	--	--	--	--	--	--	--				
SEP																
11...	.070	--	--	<.003	<.002	<.002	<.002	.007	<.002	<.002	<.002	.012				
11...	--	--	--	--	--	--	--	--	--	--	--	--				

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	PRO- PARGITE	TEBU- SI-	TER- THIURON	TER- BACIL	THIO- BUFOS	TRIAL- BENCARB	TRI- LATE	SED. FLUR-	SEDI- SUSP.	MENT, DIS-		
	WATER FLTRD 0.7 U	MAZINE, WATER, DISS,	WATER FLTRD 0.7 U	WATER FLTRD 0.7 U	WATER FLTRD 0.7 U	WATER FLTRD 0.7 U	ALIN	SIEVE DIAM.	MENT, CHARGE, % FINER	MENT, CHARGE, SUS- PENDED		
DATE	GF, REC (UG/L) (82685)	REC (UG/L) (04035)	GF, REC (UG/L) (82670)	GF, REC (UG/L) (82665)	GF, REC (UG/L) (82675)	GF, REC (UG/L) (82681)	GF, REC (UG/L) (82678)	GF, REC (UG/L) (82661)	.062 MM (70331)	(MG/L) (80154)	(T/DAY) (80155)	TYPE (CODE) (84164)
OCT												
28...	<.013	.067	<.010	<.007	<.013	<.002	<.001	<.002	--	--	--	3039
28...	--	--	--	--	--	--	--	--	90	16	56	3039
NOV												
30...	<.013	1.98	.012	<.007	<.013	<.002	<.001	<.002	--	--	--	3039
30...	--	--	--	--	--	--	--	--	93	28	115	3039
DEC												
22...	<.013	.259	E.014	<.007	<.013	<.002	<.001	<.002	--	--	--	3039
22...	--	--	--	--	--	--	--	--	91	67	523	3039
JAN												
18...	<.013	.208	<.010	<.007	<.013	<.002	<.001	<.002	--	--	--	3039
18...	--	--	--	--	--	--	--	--	88	14	58	3039
FEB												
09...	<.013	.085	<.010	<.007	<.013	<.002	<.001	<.002	--	--	--	3039
09...	--	--	--	--	--	--	--	--	82	13	54	3039
MAR												
21...	<.013	.476	.153	<.007	<.013	<.002	<.001	.004	--	--	--	3039
21...	--	--	--	--	--	--	--	--	77	279	6430	3039
APR												
26...	<.013	.046	.036	<.007	<.013	<.002	<.001	<.002	--	--	--	3045
26...	--	--	--	--	--	--	--	--	61	36	171	3045
MAY												
31...	<.020	.026	<.020	<.007	<.013	<.002	<.001	<.002	--	--	--	3045
31...	--	--	--	--	--	--	--	--	92	35	152	3045
JUN												
20...	<.013	.020	<.010	<.007	<.013	<.002	<.001	<.002	--	--	--	3045
20...	--	--	--	--	--	--	--	--	83	59	433	3045
JUL												
11...	<.013	.019	.014	<.007	<.013	<.002	<.001	<.002	--	--	--	3045
11...	--	--	--	--	--	--	--	--	94	11	34	3045
AUG												
28...	<.013	.017	<.010	<.007	<.013	<.002	<.001	<.002	--	--	--	3045
28...	--	--	--	--	--	--	--	--	88	84	739	3045
SEP												
11...	<.013	.016	<.010	<.007	<.013	<.002	<.001	<.002	--	--	--	3045
11...	--	--	--	--	--	--	--	--	90	14	45	3045