

OCHLOCKONEE RIVER BASIN
2000 Calendar Year

02328200 OCHLOCKONEE RIVER NEAR CALVARY, GA

PERIODIC WATER-QUALITY RECORDS

LOCATION.--Lat 30°43'53", long 84°14'12", Grady County, Hydrologic Unit 03120003, at bridge on Hadley Ferry Road, 1.5 miles downstream from Tired Creek, and 6.5 miles east of Calvary.

DRAINAGE AREA.--930 mi², approximately.

PERIOD OF RECORD.--August 1974 to February 1994, October 1994 to current year.

REMARKS.--Laboratory analyses with analyzing agency code 81213 are by the U.S. Geological Survey, Ocala Water Quality and Research Laboratory. Laboratory analyses with analyzing agency code 81341 are by the Georgia Department of Natural Resources, Environmental Protection Division, Laboratory Operations Program. Field determinations of Discharge, Specific Conductance, pH, Water Temperature, Air Temperature, and Dissolved Oxygen are by the U.S. Geological Survey.

WATER-QUALITY DATA, CALENDAR YEAR JANUARY 2000 TO DECEMBER 2000

DATE	TIME	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDED (MG/L) (00530)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)
JAN											
19...	1545	81341	149	<2.0	85	7	7.0	9.7	91	7.2	7.2
FEB											
01...	1345	81213	457	--	--	--	--	10.2	88	7.2	--
08...	1220	81213	252	--	--	--	--	12.6	104	7.2	--
15...	1320	81341	428	2.3	75	18	20	8.7	85	7.1	7.1
MAR											
28...	1600	81341	21	<2.0	140	8	12	6.6	71	6.9	6.8
APR											
25...	1335	81341	716	3.8	120	73	52	6.4	68	6.8	6.6
MAY											
09...	1220	81341	99	<2.0	140	9	8.0	6.6	78	7.0	7.1
16...	1330	81213	60	--	--	--	--	7.2	89	7.2	--
23...	1240	81213	43	--	--	--	--	7.0	87	7.2	--
JUN											
06...	1315	81341	25	<2.0	50	3	4.0	6.4	82	7.7	7.8
06...	1316	81213	25	--	--	--	--	6.4	82	7.7	--
JUL											
18...	1225	81341	37	<2.0	45	5	3.0	6.8	91	7.7	7.5
25...	1150	81213	51	--	--	--	--	6.1	76	7.4	--
AUG											
01...	1325	81213	30	--	--	--	--	7.2	91	7.5	--
15...	1400	81341	24	<2.0	30	2	3.0	7.3	95	7.6	7.6
SEP											
12...	1435	81341	1040	<2.0	90	7	9.0	5.0	60	6.6	6.5
OCT											
24...	1300	81213	87	1.0	--	3	4.6	7.3	79	6.8	7.2
NOV											
06...	1425	81341	47	<2.0	45	2	4.0	8.0	89	6.9	7.3
13...	1350	81213	47	--	--	--	--	9.0	90	6.8	--
16...	1405	81213	58	--	--	--	--	9.8	94	7.0	--
DEC											
05...	1450	81341	177	<2.0	12	<1	3.0	10.4	89	6.9	7.3

OCHLOCKONEE RIVER BASIN
2000 Calendar Year

02328200 OCHLOCKONEE RIVER NEAR CALVARY, GA--Continued

WATER-QUALITY DATA, CALENDAR YEAR JANUARY 2000 TO DECEMBER 2000

DATE	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	ANC UNFLTRD TIT 4.5 LAB (MG/L AS CACO3) (90410)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	COLI- FORM, FECAL, EC BROTH (MPN) (31615)
JAN										
19...	179	181	14.0	12.8	23	<.03	.9	.260	6.6	460
FEB										
01...	--	117	16.5	9.5	--	--	--	--	--	170
08...	--	139	17.0	7.6	--	--	--	--	--	20
15...	172	171	22.0	14.7	20	.07	.9	.250	8.7	9000
MAR										
28...	99	98	26.0	18.8	13	.06	.3	.160	16	--
APR										
25...	136	138	21.0	17.9	12	.07	1.7	.470	13	--
MAY										
09...	188	197	34.5	24.5	34	.05	1.2	.260	10	20
16...	--	211	33.5	25.9	--	--	--	--	--	<20
23...	--	260	34.0	26.9	--	--	--	--	--	130
JUN										
06...	271	276	30.5	28.5	53	.06	.4	.150	7.3	50
06...	--	276	30.5	28.5	--	--	--	--	--	--
JUL										
18...	302	308	36.0	30.3	57	.04	1.1	.280	9.8	220
25...	--	257	28.0	26.7	--	--	--	--	--	210
AUG										
01...	--	225	28.0	28.0	--	--	--	--	--	20
15...	268	270	34.0	29.3	61	.04	.6	.240	9.6	<20
SEP										
12...	89	93	30.0	24.9	11	1.20	.4	.160	18	--
OCT										
24...	174	174	24.5	20.0	36	.04	1.2	.200	9.7	--
NOV										
06...	218	215	27.0	20.8	42	<.03	1.6	.250	9.5	<20
13...	--	247	24.5	15.8	--	--	--	--	--	130
16...	--	256	22.0	13.7	--	--	--	--	--	50
DEC										
05...	146	141	13.5	8.9	--	<.03	.7	.160	11	230

OCHLOCKONEE RIVER BASIN

2000 Calendar Year

02328200 OCHLOCKONEE RIVER NEAR CALVARY, GA--Continued

WATER-QUALITY DATA, CALENDAR YEAR JANUARY 2000 TO DECEMBER 2000

DATE	TIME	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, CUBIC FEET PER SECOND (00061)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	CALCIUM TOTAL RECOV- ERABLE (MG/L AS CA) (00916)	MAGNE- SIUM, TOTAL RECOV- ERABLE (MG/L AS MG) (00927)
JUN 06...	1316	81213	25	6.4	82	7.7	276	30.5	28.5	15	6.7
OCT 24...	1300	81213	87	7.3	79	6.8	174	24.5	20.0	12	4.9

DATE	ANTI- MONY, TOTAL (UG/L AS SB) (01097)	ARSENIC TOTAL (UG/L AS AS) (01002)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SELE- NIUM, TOTAL (UG/L AS SE) (01147)	THAL- LIUM, TOTAL (UG/L AS TL) (01059)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
JUN 06...	<1.0	<2.0	<.5	<1.0	<1.0	<1.0	<.1	<1.0	<2.0	<2.0	1.9
OCT 24...	<1.0	<4.0	<.5	<1.0	<2.0	<2.0	<.1	<1.0	<4.0	<2.0	4.0