ALTAMAHA RIVER BASIN
2001 Calendar Year

02212950 OCMULGEE RIVER ABOVE MACON, GA

LOCATION.--Lat 32°52'11", long 83°39'15", Bibb County, Hydrologic Unit 03070103, 1.5 miles upstream of the Interstate Highway 16 bridge, 3.0 miles downstream from Town Creek, at Macon, and at mile 201.0.

DRAINAGE AREA.--2,240 mi^2, approximately.

PERIODIC WATER-QUALITY RECORDS

PERIOD OF RECORD.--July 1974 to February 1994, November 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. Streamflows for the water-quality samples are computed from the records of the gaging station 02213000, Ocmulgee River at Macon, GA. The flow at this site is regulated by Lloyd Shoals Reservoir (02210000).

WATER-QUALITY DATA, CALENDAR YEAR JANUARY 2001 TO DECEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY (NTU) (00076)	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)	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)
JAN													
24...	1250	81341	1570	11	12.0	99	7.3	7.1	105	114	10.2	7.0	23
31...	1220	81213	2020	--	11.1	99	7.3	--	--	115	18.9	9.8	--
FEB													
07...	1120	81213	1660	--	11.1	95	6.8	--	--	113	17.0	8.5	--
14...	1215	81341	1720	16	11.4	101	7.1	7.1	119	115	16.7	9.7	23
MAR													
12...	1235	81341	2460	33	9.6	92	7.2	7.1	84	80	14.6	12.7	16
APR													
25...	1315	81341	2070	5.0	7.4	82	7.4	7.2	91	88	22.7	20.2	22
MAY													
23...	1330	81341	2090	<5.0	7.2	85	7.5	7.4	114	109	26.9	22.7	27
JUN													
06...	1025	81213	5120	--	7.3	89	7.3	--	--	85	30.1	25.0	--
13...	1150	81213	6460	--	7.9	94	7.1	--	--	67	31.8	23.2	--
20...	1245	81213	2590	12	7.5	94	7.5	7.6	88	85	27.7	26.3	23
JUL													
18...	1205	81341	724	<5.0	7.4	99	7.6	7.3	105	113	34.2	30.3	28
25...	1300	81213	2800	--	6.7	84	7.2	--	--	83	27.9	26.2	--
AUG													
08...	1210	81341	1260	<5.0	6.7	89	7.7	7.2	114	113	33.7	29.7	29
15...	1300	81213	767	--	6.9	91	7.5	--	--	111	28.9	28.8	--
SEP													
19...	1300	81341	473	1.0	6.4	77	7.8	7.7	143	138	29.3	24.3	40
OCT													
17...	1245	81341	411	<1.0	8.8	93	7.8	7.7	167	163	17.2	18.1	35
NOV													
19...	1345	81341	398	1.0	8.9	89	7.8	7.5	168	168	23.3	14.9	40
26...	1300	81213	514	--	8.9	94	7.6	--	--	164	25.1	17.1	--
DEC													
05...	1235	81213	424	--	9.9	96	7.8	--	--	178	23.2	14.0	--
12...	1400	81341	556	2.0	9.9	95	7.8	7.8	173	183	12.8	13.3	40

ALTAMAHA RIVER BASIN
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02212950 OCMULGEE RIVER ABOVE MACON, GA--Continued

WATER-QUALITY DATA, CALENDAR YEAR JANUARY 2001 TO DECEMBER 2001

DATE	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	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)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L) (00310)	COLI-FORM, FECAL, EC BROTH (MPN) (31615)
JAN							
24...	7	<.03	.74	<.020	1.8	<2.0	70
31...	--	--	--	--	--	--	50
FEB							
07...	--	--	--	--	--	--	20
14...	15	<.03	.68	.050	1.9	<2.0	20
MAR							
12...	16	<.03	.44	.500	3.2	<2.0	--
APR							
25...	6	.06	.46	<.020	2.0	<2.0	--
MAY							
23...	13	<.03	.66	.020	2.0	<2.0	20
JUN							
06...	--	--	--	--	--	--	170
13...	--	--	--	--	--	--	1700
20...	16	.04	.45	.020	3.3	.7	80
JUL							
18...	<3	<.03	.24	<.020	2.9	<2.0	45
25...	--	--	--	--	--	--	1300
AUG							
08...	7	<.03	.47	.020	2.3	<2.0	1100
15...	--	--	--	--	--	--	110
SEP							
19...	3	<.03	1.0	.110	2.1	<2.0	--
OCT							
17...	3	<.03	.47	.082	2.7	<2.0	--
NOV							
19...	<1	<.03	.67	<.020	1.2	<2.0	70
26...	--	--	--	--	--	--	110
DEC							
05...	--	--	--	--	--	--	70
12...	1	<.03	.80	<.020	1.1	<2.0	70

Remark codes used in this report:
< -- Less than