APALACHICOLA RIVER BASIN
2000 Calendar Year

02350900 KINCHAFOONEE CREEK NEAR DAWSON, GA

PERIODIC WATER-QUALITY RECORDS

LOCATION.--Lat 31°45'52", long 84°15'12", Lee County, Hydrologic Unit 03130007, at bridge on Prison Farm Road, 3.6 miles west of US Highway 19, 5.2 miles northwest of Leesburg, and, near Dawson.

DRAINAGE AREA.--527 mi^2, approximately.

PERIOD OF RECORD.--April 1995 to December 1995, January 2000 to December 2000 (discontinued).

REMARKS.--The streamflow gaging station at this site is located on a bridge pier on the downstream side of the bridge. 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)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	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)
JAN										
26...	1110	81213	732	1.0	8	12	11.3	89	6.9	6.7
FEB										
23...	1235	81213	272	.5	4	5.7	10.5	95	7.2	7.2
MAR										
08...	0910	81213	296	--	--	--	8.8	85	7.2	--
15...	0905	81213	532	--	--	--	9.6	89	7.0	--
22...	1215	81213	578	.7	11	12	9.1	91	6.9	7.0
APR										
04...	1150	81213	1570	--	--	--	6.0	62	6.4	--
12...	1135	81213	306	--	--	--	5.5	55	7.1	--
19...	1500	81213	296	.8	6	9.5	9.0	98	7.1	7.3
MAY										
03...	0955	81213	166	.9	5	7.1	8.6	93	7.4	7.3
JUN										
14...	0855	81213	33	.8	3	2.6	5.9	74	7.4	7.5
20...	1145	81213	43	--	--	--	6.9	88	7.4	--
27...	1210	81213	49	--	--	--	7.1	88	7.2	--
JUL										
12...	0925	81213	41	.4	3	2.0	6.2	78	7.3	7.5
AUG										
09...	0935	81213	102	.5	2	5.1	6.9	87	7.2	7.3
SEP										
20...	1000	81213	76	.3	2	3.5	7.9	90	7.1	7.4
25...	1215	81213	453	--	--	--	7.3	87	--	--
OCT										
03...	1305	81213	119	--	--	--	8.5	94	6.8	--
18...	1040	81213	91	.4	2	3.0	9.0	92	7.0	7.6
NOV										
29...	1030	81213	303	1.0	3	5.4	10.4	92	6.6	7.1
DEC										
13...	1110	81213	187	.4	2	3.5	10.4	92	7.0	7.3

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02350900 KINCHAFOONEE CREEK NEAR DAWSON, 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										
26...	46	43	1.0	5.4	11	.05	.3	.050	5.5	3500
FEB										
23...	56	53	20.0	11.5	18	.04	.3	<.020	2.5	50
MAR										
08...	--	50	18.0	14.2	--	--	--	--	--	70
15...	--	41	13.0	12.3	--	--	--	--	--	170
22...	51	49	19.5	15.5	16	.04	.2	.040	6.8	130
APR										
04...	--	35	17.0	16.6	--	--	--	--	--	140
12...	--	52	28.0	15.9	--	--	--	--	--	<20
19...	52	52	27.0	19.3	19	.07	.3	<.020	3.2	<20
MAY										
03...	59	56	24.0	19.5	22	.06	.4	<.020	2.3	--
JUN										
14...	78	98	27.0	27.1	31	.04	.3	<.020	2.6	20
20...	--	75	36.5	28.0	--	--	--	--	--	40
27...	--	73	35.5	27.0	--	--	--	--	--	110
JUL										
12...	78	77	27.5	27.0	31	.04	.4	<.020	3.1	<20
AUG										
09...	52	51	29.5	27.3	18	.04	.3	<.020	2.5	--
SEP										
20...	63	61	26.5	21.8	21	.06	.4	.020	3.4	20
25...	--	58	34.0	24.1	--	--	--	--	--	790
OCT										
03...	--	65	28.5	20.4	--	--	--	--	--	20
18...	63	61	26.0	16.6	21	.04	.5	<.020	2.2	130
NOV										
29...	55	52	12.0	10.3	12	.04	.2	.030	3.7	--
DEC										
13...	62	58	7.0	10.4	17	.05	.3	<.020	2.8	--

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02350900 KINCHAFOONEE CREEK NEAR DAWSON, GA--Continued

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DATE	TIME	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	OXYGEN, DIS-SOLVED (MG/L) (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											
14...	0855	81213	33	5.9	74	7.4	98	27.0	27.1	12	1
OCT											
18...	1040	81213	91	9.0	92	7.0	61	26.0	16.6	7.9	1.0

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											
14...	<1.0	<2.0	<.5	<1.0	<1.0	<1.0	<.1	<1.0	<2.0	<2.0	2.6
OCT											
18...	<1.0	<4.0	<.5	<1.0	<2.0	<2.0	<.1	<1.0	<4.0	<2.0	<2.0