

SUWANNEE RIVER BASIN
2002 Water Year

02318500 WITHLACOOCHEE RIVER NEAR QUITMAN, GA
(National Water-Quality Assessment station)

PERIODIC WATER-QUILITY RECORDS

LOCATION.— $30^{\circ}47'35''$, long $83^{\circ}27'13''$, referenced to North American Datum (NAD) of 1983, Brooks-Lowndes County line, Hydrologic Unit 03110203, at abandoned bridge on old U.S. Highway 84, 4.0 miles upstream from Piscola Creek, and 9.0 miles downstream from Little River.

DRAINAGE AREA.—1,480 mi², approximately.

PERIODIC WATER-QUILITY RECORDS

PERIOD OF RECORD.—April 1934, August 1957 to May 1958, and July 1977 to current year.

REMARKS.—Datum of gage is 84.30 feet above National Geodetic Vertical Datum (NGVD) of 1929.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002																
Date	Time	AGENCY	AGENCY	DIS-			WATER,	BARO-	OXYGEN,	PH	WATER	SPE-	CIFIC	CON-	DUCT-	TEMPER-
		COL -	ANA -	CHARGE,	IN	METRIC										
		LECTING	LYZING	GAGE	CUBIC	SAM-	BIO TIS	PRES-	OXYGEN,	(PER -	DIS -	WATER	FIELD	STAND -	ARD	AIR
		SAMPLE	SAMPLE	HEIGHT	FEET	PLING	DRY WGT	SURE	DIS-	CENT	SOLVED	WHOLE	FIELD	CON-	DUCT-	TEMPER-
		SAMPLE	SAMPLE	(FEET)	SECOND	METHOD,	REC	REC	OF	(STAND -	SATUR-	ARD	ANCE	CON-	DUCT-	TEMPER-
		(CODE	(CODE	(00065)	(00060)	CODES	(82398)	PERCENT	HG)	(00025)	(00300)	(00400)	(00095)	(00020)	(00095)	(00020)
		(00027)	(00028)	(00065)	(00060)	(82398)	(49273)	(49273)	(00025)	(00301)	(00400)	(00095)	(00095)	(00095)	(00095)	(00095)
OCT	24...	1130	1028	80020	1.75	15	30	--	756	7.7	87	7.1	214	--		
NOV	20...	1145	1028	80020	1.74	14	40	--	767	10.5	106	7.3	268	--		
DEC	18...	1045	1028	80020	1.83	14	40	--	760	11.4	122	7.1	288	20.6		
JAN	17...	1040	1028	80020	--	--	10	--	760	10.1	91	6.9	116	--		
FEB	20...	1230	1028	80020	--	--	10	--	756	10.7	105	7.1	140	--		
MAR	04...	1640	1028	80020	10.90	--	10	--	757	--	--	6.2	60	--		
	18...	1210	1028	80020	5.14	--	10	--	767	8.3	92	6.5	97	--		
APR	02...	1220	1028	80020	4.21	--	10	--	761	6.8	77	6.8	107	--		
	15...	1220	1028	80020	3.78	--	40	--	765	7.7	88	6.8	94	--		
MAY	01...	1220	1028	80020	2.25	--	40	--	761	7.6	95	6.7	130	--		
	14...	1210	1028	80020	1.75	--	10	--	761	7.7	96	6.7	180	--		
	17...	0930	1028	85550	--	--	70	--	762	--	85	6.7	198	--		
	17...	0930	1028	80020	--	--	70	80	762	--	85	6.7	198	--		
	17...	0930	1028	1028	--	--	--	--	762	--	--	6.7	198	--		
JUN	28...	1110	1028	80020	1.71	--	10	--	762	--	100	7.0	141	--		
	11...	1530	1028	80020	1.71	--	10	--	759	10.6	96	7.9	288	--		
	24...	1220	1028	80020	1.72	--	10	--	766	9.9	122	7.5	306	26.7		
JUL	09...	0930	1028	80020	1.79	--	70	--	--	--	--	5.6	110	--		
	22...	1150	1028	80020	1.71	--	70	--	762	6.5	85	6.9	130	--		
AUG	07...	1410	1028	80020	1.73	--	70	--	762	8.2	85	7.0	225	32.4		
	19...	1300	1028	80020	1.73	--	70	--	769	8.5	110	7.4	416	--		
SEP	04...	1220	1028	1028	2.16	--	30	--	762	7.1	88	6.3	199	31.1		
	17...	1025	1028	1028	1.97	--	70	--	768	6.5	81	6.8	238	--		

02318500 WITHLACOOCHEE RIVER NEAR QUITMAN, GA—continued

Date	LIN-												METHIO-			METH-		METHYL
	LINURON	URON	MALA-	MCPA,	MCPB,	MERCURY	META-	METAL-	METHI-	CARB,	OMYL,	AZIN-						
	WATER,	WATER	OXON	MALA-	WATER,	WATER,	METHYL,	LAXYL	DATHION	WATER,	WATER,	PHOS						
	FLTRD,	FLTRD	WATER	THION,	FLTRD,	FLTRD,	WATER,	WATER	WATER	FLTRD,	FLTRD,	WAT FLT						
GF 0.7U	0.7 U	FLTRD	DIS-	GF 0.7U	GF 0.7U	REC	REC	REC	REC	REC	REC	GF 0.7U	0.7 U					
REC	GF, REC	REC	SOLVED	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(NG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	REC	REC	REC	
(UG/L)	(UG/L)	(UG/L)	(39532)	(38482)	(38487)	(50285)	(61596)	(50359)	(61598)	(38501)	(49296)	(82686)						
(38478)	(82666)	(61652)																
OCT																		
24...	<.01	<.035	--	<.027	<.02	<.01	--	--	<.02	--	<.008	<.004	<.050					
NOV																		
20...	<.01	<.035	--	<.027	<.02	<.01	--	--	<.02	--	<.008	<.004	<.050					
DEC																		
18...	<.01	<.035	--	<.027	<.02	<.01	--	--	<.02	--	<.008	<.004	<.050					
JAN																		
17...	--	<.035	<.008	<.027	--	--	--	<.005	--	<.006	--	--	<.050					
FEB																		
20...	<.01	<.035	<.008	<.027	<.02	<.01	--	--	E.01n	--	<.008	<.004	<.050					
MAR																		
04...	<.01	<.035	--	--	<.02	<.01	--	--	<.02	--	<.008	<.004	<.050					
18...	<.01	<.035	--	<.027	<.08	<.01	--	--	<.02	--	<.008	<.004	<.050					
APR																		
02...	<.01	<.035	--	<.027	<.11	<.01	--	--	<.02	--	<.008	<.004	<.050					
15...	<.01	<.035	--	<.027	<.02	<.01	--	--	<.02	--	<.008	<.004	<.050					
MAY																		
01...	<.01	<.035	--	<.027	<.02	<.01	--	--	<.02	--	<.008	<.004	<.050					
14...	<.01	<.035	--	<.027	<.02	<.01	--	--	<.02	--	<.008	<.004	<.050					
17...	--	--	--	--	--	--	.40	--	--	--	--	--	--					
17...	--	--	--	--	--	--	--	--	--	--	--	--	--					
17...	--	--	--	--	--	--	--	--	--	--	--	--	--					
28...	<.01	<.035	--	<.027	<.02	<.01	--	--	<.02	--	<.008	<.004	<.050					
JUN																		
11...	<.01	<.035	--	<.027	<.02	<.01	--	--	<.02	--	<.008	<.004	<.050					
24...	<.01	--	--	--	<.02	<.01	--	--	<.02	--	<.008	<.004	--					
JUL																		
09...	<.01	<.035	--	<.027	<.02	<.01	--	--	<.02	--	<.008	E.009	<.050					
22...	<.01	<.035	--	<.027	<.02	<.01	--	--	<.02	--	<.008	<.004	<.050					
AUG																		
07...	<.01	<.035	--	<.027	<.02	<.01	--	--	<.02	--	<.008	<.004	<.050					
19...	<.01	<.035	--	<.027	<.02	<.01	--	--	<.02	--	<.008	<.004	<.050					
SEP																		
04...	--	--	--	--	--	--	--	--	--	--	--	--	--					
17...	--	--	--	--	--	--	--	--	--	--	--	--	--					

02318500 WITHLACOOCHEE RIVER NEAR QUITMAN, GA—continued

02318500 WITHLACOOCHEE RIVER NEAR QUITMAN, GA—continued

	SED.	SEDI-	BED	BED			
	SUSP.	MENT,	MAT.	MAT.			
	SIEVE	SEDI-	DIS-	SIEVE	SIEVE		
	DIAM.	MENT,	CHARGE,	DIAM.	DIAM.		
Date	% FINEER	SUS -	SUS -	% FINEER	% FINEER	SAMPLE	SAMPLER
	THAN	PENDED	PENDED	THAN	THAN	PURPOSE	TYPE
	.062 MM	(MG/L)	(T/DAY)	.062 MM	.125 MM	CODE	(CODE)
	(70331)	(80154)	(80155)	(80164)	(80165)	(71999)	(84164)
OCT							
24...	100	2.0	.08	--	--	15.00	3060
NOV							
20...	100	2.0	.08	--	--	15.00	3060
DEC							
18...	100	1.0	.04	--	--	15.00	3044
JAN							
17...	97	9.0	--	--	--	15.00	3045
FEB							
20...	100	5.0	--	--	--	15.00	3045
MAR							
04...	100	5.0	--	--	--	15.00	3051
18...	98	10	--	--	--	15.00	3051
APR							
02...	100	3.0	--	--	--	15.00	3051
15...	100	7.0	--	--	--	15.00	3045
MAY							
01...	100	6.0	--	--	--	15.00	3045
14...	100	2.0	--	--	--	15.00	3045
17...	100	2.0	--	--	--	15.00	3070
17...	--	--	--	--	--	15.00	3070
17...	--	--	--	1	100	15.00	--
28...	100	3.0	--	--	--	15.00	3045
JUN							
11...	100	2.0	--	--	--	15.00	3045
24...	100	1.0	--	--	--	15.00	3045
JUL							
09...	100	3.0	--	--	--	15.00	3070
22...	100	5.0	--	--	--	15.00	3070
AUG							
07...	100	5.0	--	--	--	15.00	3070
19...	--	--	--	--	--	15.00	3070
SEP							
04...	--	--	--	--	--	15.00	3070
	17...	--	--	--	--	15.00	3070

Remark codes used in this report:

< -- Less than
E -- Estimated value
M -- Presence verified, not quantified

Value qualifier codes used in this report:

m -- Highly var comp using method, ? prec
n -- Below the NDV
Null value qualifier codes used in this report:
i -- Required sample type not received
m -- Results sent by separate memo
u -- Unable to determine-matrix interference