

02091736 MIDDLE SWAMP NEAR FARMVILLE, NC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1999 to current year.

REMARKS.--Station operated in cooperation with the U.S. Environmental Protection Agency and the North Carolina Department of Environment and Natural Resources as part of a long-term project to develop a multimedia integrated modeling system (MIMS).

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	
OCT														
30...	1200	.35	778	4.3	38	6.2	114	9.9	12.0	1.80	3.20	.07	E.40	
NOV														
19...	1225	.27	771	3.9	36	6.3	132	11.6	15.7	1.4	2.9	<.04	.52	
DEC														
19...	1025	.53	766	5.1	44	6.3	175	9.5	25.8	5.6	2.5	E.04	.68	
JAN														
22...	1050	71	776	9.8	77	6.0	146	5.7	20.6	4.6	11.9	E.03	.64	
FEB														
21...	1035	8.6	765	8.0	74	6.1	144	12.5	21.0	.5	9.5	<.04	.57	
MAR														
25...	1240	11	769	10.4	103	6.4	129	15.4	19.9	.8	4.3	<.04	.61	
APR														
09...	0815	24	773	5.5	55	6.0	117	15.7	16.3	1.6	6.4	E.03	.77	
MAY														
09...	0915	3.1	769	1.9	23	6.2	146	23.5	16.3	1.6	3.4	E.03	.76	
JUN														
27...	1230	.14	766	.9	11	6.4	161	25.8	14.7	2.4	.6	.06	.70	
JUL														
25...	1105	1.4	765	.6	8	6.5	146	25.9	11.7	5.0	1.4	.13	1.1	
AUG														
21...	1100	.04	767	1.0	12	6.6	136	24.6	10.6	4.3	1.4	.71	1.7	
SEP														
18...	1315	.0	765	2.1	24	6.7	148	22.8	9.80	4.3	1.5	.78	1.7	
Date		NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4) (71846)	NITRO-GEN DIS-SOLVED (MG/L AS N) (00602)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, ORGANIC DIS-SOLVED (MG/L AS N) (00607)	NITRO-GEN, TOTAL (MG/L AS N) (00605)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4) (00660)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	IRON, DIS-SOLVED (UG/L AS FE) (01046)
OCT														
30...	E.50	.09	--	<.02	<.010	--	--	--	.092	E.04	.03	E.17	496	
NOV														
19...	.66	--	--	<.05	<.008	--	--	--	.067	.042	.02	.20	433	
DEC														
19...	.70	--	--	<.05	<.008	--	--	--	.386	.156	.13	.34	1780	
JAN														
22...	.70	--	1.4	.81	<.008	--	--	1.5	.181	.082	.06	.120	373	
FEB														
21...	.87	--	.83	.26	E.006	--	--	1.1	.153	.073	.05	.118	552	
MAR														
25...	.72	--	.72	.11	<.008	--	--	.83	.264	.115	.09	.177	849	
APR														
09...	.77	--	1.1	.30	E.004	--	--	1.1	.251	.098	.08	.177	664	
MAY														
09...	.89	--	.85	.09	E.004	--	--	.98	.408	.166	.13	.25	1080	
JUN														
27...	1.2	.07	--	<.05	<.008	.65	1.1	--	.285	.120	.09	.40	749	
JUL														
25...	1.6	.17	--	E.03	<.008	1.0	1.5	--	1.30	.48	.42	1.08	4960	
AUG														
21...	2.3	.91	--	E.03	E.006	1.0	1.6	--	.816	.29	.27	.92	2230	
SEP														
18...	2.2	1.00	--	<.05	<.008	.95	1.4	--	.558	.21	.18	1.02	2390	

Remark codes used in this report:

< -- Less than
E -- Estimated value