

NEUSE RIVER BASIN

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 2000 TO SEPTEMBER 2001

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED SATUR-ATION (00301)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	
OCT														
25...	1330	1.6	142	6.4	15.2	765	2.7	27	42	12.0	3.00	7.4	23	
NOV														
14...	1330	4.2	162	6.2	15.2	--	2.9	--	46	13.0	3.40	7.8	22	
DEC														
12...	0930	25	159	6.5	8.3	766	8.0	67	37	9.70	3.00	7.8	25	
JAN														
17...	1500	7.8	151	6.6	9.5	773	7.2	63	43	12.0	3.10	8.0	25	
FEB														
06...	1245	20	148	6.6	7.7	771	10.2	84	39	11.0	2.80	8.7	27	
28...	0935	26	132	6.4	12.0	768	5.4	50	35	9.60	2.60	7.6	27	
APR														
05...	1100	74	112	6.4	11.3	777	9.2	82	31	8.40	2.40	6.2	26	
MAY														
07...	1515	.80	131	6.3	18.5	766	2.8	30	40	11.0	3.10	7.7	27	
JUN														
12...	1200	3.1	110	6.4	26.1	764	3.8	46	39	11.0	2.70	5.8	23	
JUL														
11...	1210	4.5	108	6.2	28.5	760	2.7	35	38	11.0	2.50	4.9	21	
AUG														
15...	1400	70	100	5.8	26.2	767	2.9	36	31	9.10	2.00	4.9	23	
SEP														
26...	1150	1.0	105	6.0	19.0	770	3.8	41	37	11.0	2.30	5.6	23	
DATE		SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS N) (00618)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N) (00605)
OCT														
25...	.5	8.40	3.0	19.0	.1	2.5	109	77	--	<.010	<.020	.070	.84	
NOV														
14...	.5	11.0	2.4	21.0	.2	3.4	123	88	--	<.010	.040	.074	1.0	
DEC														
12...	.6	11.0	9.1	23.0	.1	5.6	102	85	--	<.010	.240	.040	.70	
JAN														
17...	.5	8.30	7.3	22.0	.2	.7	111	80	--	<.010	.070	<.010	--	
FEB														
06...	.6	8.70	5.2	22.0	.1	1.2	119	79	.200	.010	.210	.114	1.4	
28...	.6	7.00	7.3	18.0	.1	1.2	104	69	.380	.020	.400	.052	.77	
APR														
05...	.5	5.40	7.8	15.0	.1	1.0	88	59	--	<.010	.400	<.010	--	
MAY														
07...	.5	4.50	2.2	15.0	.2	.9	104	68	--	<.010	.040	.066	.75	
JUN														
12...	.4	2.10	1.8	9.3	.2	1.8	90	58	--	<.010	<.020	.037	1.1	
JUL														
11...	.3	2.70	2.2	10.0	.2	3.4	82	58	--	<.010	.040	.036	.90	
AUG														
15...	.4	4.40	6.0	10.0	.2	4.6	90	57	--	<.010	.120	.030	1.2	
SEP														
26...	.4	2.30	3.0	9.9	.2	3.8	77	58	--	<.010	<.020	.070	1.0	

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DATE	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)
OCT 25...	.71	.91	.78	--	--	.300	.160	.140	1300	170	-23.00	-3.78	14
NOV 14...	.83	1.1	.90	1.1	.94	.360	.170	.170	2000	390	-20.33	-3.30	5.5
DEC 12...	.53	.74	.57	.98	.81	.120	.070	.100	790	17.0	-27.31	-4.84	11
JAN 17...	--	.65	.44	.72	.51	.210	.090	.050	820	64.0	-26.66	-4.40	10
FEB 06...	.72	1.5	.83	1.7	1.0	.210	.110	.140	1600	56.0	-23.36	-4.03	9.9
28...	.63	.82	.68	1.2	1.1	.170	.080	.090	1000	47.0	-23.17	-4.08	11
APR 05...	--	.85	.72	1.2	1.1	.120	.070	.080	660	12.0	--	--	12
MAY 07...	.75	.82	.82	.86	.86	.300	.170	.150	1300	46.0	--	--	17
JUN 12...	.84	1.1	.88	--	--	.440	.220	.240	1600	69.0	--	--	14
JUL 11...	.71	.94	.75	.98	.79	.390	.190	.200	1100	86.0	--	--	14
AUG 15...	.97	1.2	1.0	1.3	1.1	.390	.180	.170	1450	47.0	--	--	15
SEP 26...	.63	1.1	.70	--	--	.360	.080	.070	690	249	--	--	11