

0209096970 MOCCASIN RUN NEAR PATETOWN, NC

LOCATION.--Lat 35°28'46", long 77°54'37", Wayne County, Hydrologic Unit 03020203, at Secondary Road 1523, 1.5 mi northeast of Patetown.

DRAINAGE AREA.--1.89 mi<sup>2</sup>

PERIOD OF RECORD.--Water years 2000 to September 2002 (discontinued).

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)	BAROMETRIC 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 (DEG C) (00010)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	SILICA, DIS-SOLVED (MG/L AS SI02) (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...	1345	.60	776	3.4	29	5.4	67	9.8	12.0	1.60	.40	.07	E.40
DEC													
20...	0945	.10	766	5.5	47	5.6	82	8.7	15.2	1.8	.6	E.03	.39
FEB													
20...	1320	E3.2	761	9.1	84	5.8	69	11.5	11.1	1.4	2.3	E.03	.34
APR													
08...	1600	E3.9	772	8.2	83	5.7	61	17.1	9.78	1.8	1.1	<.04	.39
JUN													
28...	0915	--	765	.1	0	5.9	124	24.0	11.8	2.9	.3	.20	1.1

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, ORGANIC 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-PHURUS 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	--	.03	<.010	--	--	--	--	<.02	<.01	<.02	271
DEC													
20...	.57	--	--	E.02	<.008	--	--	--	--	.028	E.01	.047	1140
FEB													
20...	.47	--	.50	.16	<.008	--	--	.63	--	.013	<.02	.033	456
APR													
08...	.52	--	.44	.05	<.008	--	--	.57	--	.024	<.02	.061	694
JUN													
28...	1.9	.25	--	<.05	<.008	.91	1.7	--	.086	.064	.03	.26	3380

Remark codes used in this report:  
 < -- Less than  
 E -- Estimated value