

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 mi²

PERIOD OF RECORD.--Water years 2000 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, (PER-CENT 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													
26...	1345	E.36	71	5.8	13.9	762	2.3	23	18	4.20	1.80	4.8	31
NOV													
16...	0930	1.4	72	5.7	7.5	766	4.3	35	16	3.50	1.70	5.2	35
DEC													
11...	1330	--	74	5.9	6.5	769	6.7	54	14	3.10	1.40	5.0	37
JAN													
19...	0930	1.0	72	5.8	9.3	764	--	--	16	3.70	1.70	5.3	36
FEB													
08...	0930	.80	66	5.6	7.5	778	8.9	72	15	3.50	1.50	5.7	40
27...	1535	1.7	62	6.0	14.4	770	7.0	68	13	3.00	1.40	5.3	41
APR													
06...	0830	E1.9	60	5.3	13.0	772	6.3	59	16	3.60	1.60	3.9	30
JUL													
10...	1515	.66	69	5.6	27.6	760	.8	10	21	5.50	1.80	4.6	31

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 SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	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)	NITRO-GEN, ORGANIC DIS-SOLVED (MG/L AS N) (00607)
OCT													
26...	.5	4.10	.9	10.0	<.1	2.3	60	39	<.010	<.020	.040	.72	.50
NOV													
16...	.6	4.40	1.0	13.0	<.1	1.5	43	38	<.010	<.020	.060	.46	.38
DEC													
11...	.6	4.20	1.7	12.0	<.1	2.3	47	38	<.010	.060	.024	.40	.28
JAN													
19...	.6	3.40	1.8	12.0	<.1	.7	49	37	<.010	.040	.040	.70	.28
FEB													
08...	.6	3.00	1.4	11.0	<.1	.5	64	36	<.010	.030	.014	.90	.54
27...	.6	2.40	1.4	9.9	<.1	1.4	49	33	<.010	.070	.116	.61	.40
APR													
06...	.4	3.00	3.5	7.8	<.1	3.1	53	35	<.010	.230	.058	.63	.50
JUL													
10...	.4	1.30	.4	9.1	<.1	2.5	52	38	<.010	<.020	.072	.86	.52

DATE	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)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)
OCT										
26...	.76	.54	--	--	.100	.030	.030	1300	74.0	10
NOV										
16...	.52	.44	--	--	.050	.020	<.010	840	30.0	7.3
DEC										
11...	.42	.30	.48	.36	<.020	<.020	<.010	440	8.5	5.8
JAN										
19...	.74	.32	.78	.36	.040	<.020	<.010	710	32.0	5.8
FEB										
08...	.91	.55	.94	.58	.070	<.020	.010	750	28.0	6.8
27...	.73	.52	.80	.59	.040	<.020	.020	780	26.0	8.0
APR										
06...	.69	.56	.92	.79	.030	<.020	<.010	830	20.0	12
JUL										
10...	.93	.59	--	--	.070	<.020	.010	1000	110	9.3