

NEUSE RIVER BASIN

0209173150 UNNAMED TRIBUTARY TO SANDY RUN AT SECONDARY ROAD 1335 NEAR LIZZIE, NC

LOCATION.--Lat 35°31'03", long 77°33'52", Greene County, Hydrologic Unit 03020203, at Secondary Road 1335, approximately 6.0 mi south of Farmville.

DRAINAGE AREA.--0.34 mi²

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 HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED SATUR-ATION (PER-CENT) (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...	1145	--	--	5.4	13.9	765	3.8	--	69	21.0	4.10	7.4	18	
NOV														
14...	1230	--	211	5.5	12.8	--	1.2	--	60	18.0	3.60	6.1	17	
DEC														
12...	1030	.17	210	5.3	10.6	767	5.1	46	72	20.0	5.30	10.0	21	
JAN														
17...	1330	--	199	5.2	7.9	773	4.2	34	64	19.0	4.00	7.7	20	
FEB														
06...	1415	.09	168	5.4	6.7	769	7.1	57	62	18.0	4.10	9.1	23	
28...	1045	E.20	146	5.2	9.9	768	6.9	61	56	16.0	4.00	8.7	23	
APR														
04...	1730	--	113	5.0	12.6	772	6.7	62	47	13.0	3.50	7.3	24	
MAY														
07...	1400	<.10	215	5.4	16.0	776	4.3	42	70	20.0	4.80	7.4	18	
JUN														
12...	1100	<.10	221	6.8	21.8	764	2.5	28	71	20.0	5.10	7.1	17	
JUL														
11...	1035	<.10	238	5.6	23.5	760	.4	4	64	17.0	5.30	13.0	27	
AUG														
15...	1215	--	288	5.0	23.7	766	3.9	46	59	16.0	4.60	11.0	25	
SEP														
26...	1020	<.01	250	5.1	18.0	769	2.5	26	79	23.0	5.30	6.6	14	
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...	.4	4.50	19.0	33.0	.2	11.0	149	122	3.27	.030	3.30	.110	.57	
NOV														
14...	.3	5.60	16.0	29.0	.2	9.0	130	106	2.35	.050	2.40	.146	.83	
DEC														
12...	.5	7.30	18.0	37.0	.2	8.2	161	147	--	<.010	8.60	.030	.71	
JAN														
17...	.4	3.10	21.0	32.0	.3	9.2	146	119	3.79	.010	3.80	.026	.73	
FEB														
06...	.5	3.50	19.0	30.0	.2	8.7	160	116	--	<.010	4.40	.025	.29	
28...	.5	4.20	17.0	28.0	.2	7.5	143	114	--	<.010	5.60	.044	.65	
APR														
04...	.5	3.60	13.0	23.0	.2	6.7	120	97	--	<.010	5.30	.039	.56	
MAY														
07...	.4	3.30	15.0	34.0	.3	8.9	146	122	4.69	.010	4.70	.158	.56	
JUN														
12...	.4	3.90	11.0	33.0	.3	8.4	166	125	6.78	.020	6.80	.138	.96	
JUL														
11...	.7	8.50	11.0	43.0	.2	6.3	177	135	4.58	.020	4.60	.208	.79	
AUG														
15...	.6	11.0	14.0	28.0	.2	7.9	202	130	--	<.010	7.00	.030	1.7	
SEP														
26...	.3	8.40	15.0	36.0	.3	9.9	182	145	--	<.010	7.30	.070	.63	

0209173150 UNNAMED TRIBUTARY TO SANDY RUN AT SECONDARY ROAD 1335 NEAR LIZZIE, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

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)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)
OCT 25...	.18	.68	.29	4.0	3.6	.150	.030	<.010	460	89.0	2.0
NOV 14...	.43	.98	.58	3.4	3.0	.280	.120	.100	220	76.0	15
DEC 12...	.57	.74	.60	9.3	9.2	.040	<.020	.020	120	61.0	4.3
JAN 17...	--	.76	<.20	4.6	--	.180	<.020	<.010	280	59.0	2.9
FEB 06...	--	.32	<.20	4.7	--	.050	<.020	<.010	180	49.0	3.0
28...	.38	.69	.42	6.3	6.0	<.020	<.020	<.010	210	45.0	5.5
APR 04...	.48	.60	.52	5.9	5.8	<.020	<.020	.020	300	37.0	8.3
MAY 07...	.35	.72	.51	5.4	5.2	.110	<.020	<.010	440	69.0	5.2
JUN 12...	.44	1.1	.58	7.9	7.4	.070	<.020	<.010	170	54.0	2.8
JUL 11...	.44	1.0	.65	5.6	5.2	.080	<.020	<.010	220	43.0	7.3
AUG 15...	1.2	1.7	1.2	8.7	8.2	.080	.020	.020	440	43.0	13
SEP 26...	.43	.70	.50	8.0	7.8	.070	<.020	<.010	350	65.0	3.8