

NEUSE RIVER BASIN

02091737 LITTLE CONTENTNEA CREEK NEAR WILLOW GREEN, 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, IN CUBIC FEET PER SECOND (00060)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	BAROMETRIC PRESSURE (MM HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, SATURATION (PERCENT) (00301)	HARDNESS TOTAL (MG/L AS CaCO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS Ca) (00915)	MAGNESIUM, DIS-SOLVED (MG/L AS Mg) (00925)	SODIUM, DIS-SOLVED (MG/L AS Na) (00930)
OCT													
25...	1430	E5.1	--	146	6.7	15.2	764	4.0	40	39	11.0	2.70	12.0
NOV													
14...	1400	E11	--	163	6.3	12.8	--	3.1	--	39	11.0	2.90	14.0
DEC													
12...	0845	--	67	157	6.6	7.1	766	9.1	74	32	8.60	2.60	11.0
JAN													
17...	1530	E23	--	157	6.9	9.7	773	12.7	110	35	9.80	2.60	13.0
FEB													
06...	1200	--	46	146	6.8	6.7	771	10.6	86	35	10.0	2.50	12.0
28...	0830	--	84	120	6.6	12.3	767	8.1	75	29	8.10	2.20	9.0
APR													
05...	1125	--	228	101	6.2	11.3	777	8.4	75	27	7.30	2.10	6.6
MAY													
07...	1445	--	8.6	195	6.6	17.1	767	4.3	44	39	11.0	2.70	13.0
JUN													
12...	1130	--	27	134	6.4	24.9	764	4.0	48	38	11.0	2.50	12.0
JUL													
11...	1245	--	30	97	6.3	26.9	760	3.9	49	29	8.30	2.00	6.1
AUG													
15...	1445	--	140	95	6.1	25.7	767	4.6	56	25	7.20	1.60	7.2
SEP													
26...	1215	--	9.3	139	6.3	20.5	769	5.3	59	34	9.90	2.30	14.0
DATE	SODIUM PERCENT (00932)	SODIUM AD-SORPTION RATIO (00931)	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUORIDE, 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 CONSTITUENTS, DIS-SOLVED (MG/L) (70301)	NITROGEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)
OCT													
25...	36	.8	5.90	5.1	16.0	.1	5.2	108	83	<.010	.030	.060	.75
NOV													
14...	39	1.0	7.10	3.3	18.0	.2	4.3	112	90	<.010	<.020	.077	.83
DEC													
12...	36	.8	8.60	9.6	22.0	.1	5.4	101	83	<.010	.140	<.010	--
JAN													
17...	42	1.0	3.60	8.8	20.0	.1	.2	107	78	<.010	<.020	<.010	--
FEB													
06...	38	.9	6.20	7.4	19.0	.1	.8	125	77	<.010	.090	<.010	--
28...	36	.7	4.80	8.4	16.0	.1	.9	88	63	<.010	.140	.017	.60
APR													
05...	31	.6	4.00	8.2	13.0	.1	2.2	79	55	<.010	.330	.012	.69
MAY													
07...	39	.9	4.00	4.1	15.0	.2	2.8	113	79	<.010	.030	.020	.93
JUN													
12...	38	.8	3.30	2.2	12.0	.2	4.8	109	76	<.010	.160	.059	1.0
JUL													
11...	29	.5	3.20	4.1	9.6	.2	5.4	81	56	<.010	.170	.062	.80
AUG													
15...	35	.6	3.70	6.6	8.7	.2	4.7	79	56	<.010	.120	.040	.96
SEP													
26...	44	1	3.50	3.4	12.0	.2	5.5	97	78	<.010	.020	.030	.77

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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...	.60	.81	.66	.84	.69	.240	.140	.130	1300	100	-23.59	-3.73	13
NOV 14...	.63	.91	.71	--	--	.270	.140	.140	1400	180	-16.87	-3.27	13
DEC 12...	--	.69	.52	.83	.66	.080	.040	.060	630	9.0	-24.49	-4.70	10
JAN 17...	--	.41	.36	--	--	.090	.040	.030	500	17.0	-25.28	-4.38	8.2
FEB 06...	--	.54	.74	.63	.83	.120	.100	.090	1000	29.0	-23.46	-4.19	9.1
28...	.56	.62	.58	.76	.72	.120	.080	.080	750	21.0	-22.50	-4.18	10
APR 05...	.63	.70	.64	1.0	.97	.100	.050	.070	550	15.0	--	--	12
MAY 07...	.85	.95	.87	.98	.90	.200	.130	.110	830	63.0	--	--	14
JUN 12...	.88	1.1	.94	1.3	1.1	.470	.340	.340	2200	56.0	--	--	15
JUL 11...	.62	.86	.68	1.0	.85	.340	.200	.190	1100	79.0	--	--	14
AUG 15...	.76	1.0	.80	1.1	.92	.320	.140	.130	910	31.0	--	--	12
SEP 26...	.77	.80	.80	.82	.82	.330	.140	.130	560	202	--	--	11