WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1950, 1969-72, 1979 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: March 1979 to September 1984.

WATER TEMPERATURE: October 1949 to September 1950, March 1979 to September 1984.

INSTRUMENTATION.--Water-quality monitor from October 1981 to September 1984.

REMARKS.--Station operated as part of NAWQA Program from March 1993 to present. Station also operated as part of NASQAN network from March 1979 to September 1993. Miscellaneous chemical data published for water years 1945, 1947-49, 1955-67.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 218 microsiemens, Nov. 1, 10, 1983; minimum daily, 41 microsiemens, June 11, 1979.

WATER TEMPERATURE: Maximum, 29.5°C, Aug. 23, 1983; minimum daily, 1.0°C, Jan. 13, 14, 1981, Jan. 18, 1982.

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

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	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)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)
OCT													
17...	1400	244	761	6.5	66	7.0	105	16.3	24	5.81	2.27	3.66	.8
NOV													
06...	1410	169	762	--	--	7.2	128	--	26	6.37	2.47	4.21	1
DEC													
07...	1400	535	767	13.0	100	7.2	102	4.4	23	5.36	2.25	5.42	.7
JAN													
24...	1430	448	762	10.2	84	6.7	105	7.0	23	5.60	2.24	3.91	.8
FEB													
21...	1400	711	766	6.0	54	6.8	98	11.0	21	5.16	2.02	4.12	.7
MAR													
27...	1300	3170	771	6.7	61	6.4	67	11.5	15	3.49	1.52	3.52	.5
APR													
19...	1300	494	--	--	--	7.1	98	15.5	23	5.47	2.38	3.28	.6
MAY													
21...	1300	169	761	3.7	44	6.9	126	23.5	25	5.98	2.51	3.68	1.0
JUN													
22...	1320	1760	760	3.4	42	6.0	73	26.0	19	4.52	1.82	3.04	.5
JUL													
30...	1245	851	763	4.9	58	6.6	114	23.5	20	4.54	2.08	4.31	1
AUG													
29...	1300	262	763	2.6	32	6.6	97	25.5	23	5.13	2.37	3.14	.8
SEP													
19...	1230	190	765	3.3	36	7.6	100	21.0	22	5.14	2.15	3.29	.8

DATE	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	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)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)
OCT													
17...	8.8	40	17	21	10.9	E.1	8.3	7.7	53.4	81	62	.054	.44
NOV													
06...	12.4	46	20	24	15.7	.2	6.4	11.1	40.2	88	74	E.026	.36
DEC													
07...	7.6	36	14	17	12.8	E.1	6.6	7.2	107	74	59	E.034	.41
JAN													
24...	8.6	40	16	20	13.4	E.1	3.8	7.4	83.5	69	58	E.030	.45
FEB													
21...	7.7	39	13	16	11.6	E.1	3.8	7.8	138	72	53	E.022	.46
MAR													
27...	4.8	35	7	8	7.8	E.1	4.0	5.9	676	79	37	<.041	.48
APR													
19...	6.6	34	16	19	10.7	E.1	5.0	6.8	107	80	54	<.041	.66
MAY													
21...	11.2	45	16	20	12.7	.2	4.7	11.0	39.2	86	66	.065	.48
JUN													
22...	4.5	30	12	14	7.0	E.1	4.7	5.0	276	58	39	E.034	.62
JUL													
30...	11.5	50	12	15	12.3	E.2	4.7	10.2	227	99	60	<.040	.56
AUG													
29...	8.2	40	15	18	9.5	E.2	8.0	7.5	53.8	76	54	E.039	.51
SEP													
19...	8.6	42	18	22	10.9	E.1	6.5	6.8	35.9	70	57	E.036	.47

02091500 CONTENTNEA CREEK AT HOOKERTON, NC--Continued

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

DATE	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, NITRATE DISSOLVED (MG/L AS N) (00618)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, NITRITE DISSOLVED (MG/L AS NO2) (71856)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN,PARTICULTE WAT FLT SUSP (MG/L AS N) (49570)	NITROGEN, TOTAL (MG/L AS N) (00600)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)
OCT													
17...	.47	1.2	--	.747	--	E.005	--	1.2	.150	.054	.049	.129	--
NOV													
06...	.49	1.0	--	.652	--	E.003	--	1.1	.077	.033	.025	.102	--
DEC													
07...	.55	1.0	.612	.618	.020	.006	--	1.2	.083	.034	.027	.068	--
JAN													
24...	.53	1.0	.585	.591	.020	.006	--	1.1	.064	.040	.021	.078	--
FEB													
21...	.52	.93	.461	.471	.033	.010	.216	.99	.064	.040	.021	.109	1.6
MAR													
27...	.66	.72	--	.246	--	<.006	.151	.91	.064	.042	.021	.102	1.0
APR													
19...	.72	1.3	.638	.651	.043	.013	.068	1.4	.144	.093	.047	.129	.7
MAY													
21...	.60	1.2	.700	.708	.026	.008	.055	1.3	.089	.056	.029	.150	.6
JUN													
22...	.69	.80	.172	.181	.030	.009	.101	.87	.147	.073	.048	.136	1.1
JUL													
30...	.75	1.1	.511	.524	.043	.013	.259	1.3	.199	.105	.065	.255	2.6
AUG													
29...	.70	--	--	E.415	--	E.006	.162	--	--	.069	E.044	.160	1.3
SEP													
19...	.55	.93	.459	.465	.020	.006	.023	1.0	.138	.067	.045	.130	.4

DATE	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTICULATE TOTAL (MG/L AS C) (00689)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	2,6-DIETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	ACETOCHLOR, WATER FLTRD REC (UG/L) (49260)	ALACHLOR, WATER, DISS, REC, (UG/L) (46342)	ALPHA BHC DISSOLVED (UG/L) (34253)	ATRAZINE, WATER, DISS, REC (UG/L) (39632)	BENFLURALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYLATE, WATER, DISS, REC (UG/L) (04028)	CARBARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBOFURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)
OCT													
17...	8.3	.6	960	49.5	<.002	<.004	<.005	<.005	E.004	<.010	<.002	<.041	<.100
NOV													
06...	7.3	.3	480	25.8	<.002	<.004	<.002	<.005	M	<.010	<.002	<.041	<.020
DEC													
07...	8.0	.5	650	16.2	<.002	<.004	<.002	<.005	<.007	<.010	<.002	<.041	<.020
JAN													
24...	7.1	.6	750	16.1	<.002	<.004	<.002	<.005	<.007	<.010	<.002	<.041	<.020
FEB													
21...	7.8	--	860	20.5	<.002	<.004	<.002	<.005	.200	<.010	<.002	E.022	<.020
MAR													
27...	11	--	600	22.4	<.002	<.004	<.002	<.005	.113	<.010	<.002	E.013	<.020
APR													
19...	9.9	--	1670	73.2	<.002	<.004	.008	<.005	.022	<.010	<.002	E.004	<.020
MAY													
21...	7.0	--	660	55.7	<.002	<.004	<.004	<.005	.018	<.010	<.002	<.041	<.020
JUN													
22...	11	--	780	38.0	<.002	<.004	.010	<.005	.123	<.010	<.002	E.003	<.020
JUL													
30...	11	--	420	31.6	<.002	<.004	<.002	<.005	.011	<.010	<.002	<.041	<.020
AUG													
29...	10	--	1050	114	<.002	<.004	<.002	<.005	.008	<.010	<.002	E.003	<.020
SEP													
19...	7.7	--	560	51.8	<.002	<.004	<.002	<.005	.007	<.010	<.002	<.041	<.020

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

DATE	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	LINDANE DIS-SOLVED (UG/L) (39341)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)
OCT													
17...	<.005	<.018	<.003	<.006	E.005	<.005	<.021	<.002	<.009	<.005	<.003	<.004	<.035
NOV													
06...	<.005	<.018	<.003	<.006	E.004	<.005	<.021	<.002	<.009	<.005	<.003	<.004	<.035
DEC													
07...	<.005	<.018	<.003	<.006	E.005	<.005	<.021	<.002	<.009	<.005	<.003	<.004	<.035
JAN													
24...	<.005	<.018	<.003	<.006	E.004	<.005	<.021	<.002	<.009	<.005	<.003	<.004	<.035
FEB													
21...	<.005	<.018	<.003	E.005	.006	<.005	<.021	<.002	<.009	<.005	<.003	<.004	<.035
MAR													
27...	<.005	<.018	<.003	E.004	.005	<.005	<.021	<.002	<.009	<.005	<.003	<.004	<.035
APR													
19...	<.005	<.018	<.003	E.003	E.004	<.005	<.021	<.002	<.009	<.005	<.003	<.004	<.035
MAY													
21...	<.005	<.018	<.003	<.006	<.005	<.005	<.021	.009	<.009	<.005	<.003	<.004	<.035
JUN													
22...	E.003	<.018	<.003	E.004	E.004	<.005	<.021	E.001	<.009	<.005	<.003	<.004	<.035
JUL													
30...	<.005	<.018	<.003	<.006	<.005	<.005	<.021	<.002	<.009	<.005	<.003	<.004	<.035
AUG													
29...	<.005	<.018	<.003	<.006	.005	<.005	<.021	<.002	<.009	<.005	<.003	<.004	<.035
SEP													
19...	<.005	<.018	<.003	<.006	.008	<.005	<.021	<.002	<.009	<.005	<.003	<.004	<.035

DATE	MALA-THION, DIS-SOLVED (UG/L) (39532)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
OCT													
17...	<.027	<.050	<.006	E.009	<.006	--	<.007	<.003	<.007	<.002	<.010	<.006	<.011
NOV													
06...	<.027	<.050	<.006	E.005	<.006	<.002	<.007	<.003	<.007	<.002	<.010	<.006	<.011
DEC													
07...	<.027	<.050	<.006	E.008	<.006	<.002	<.007	<.003	<.007	<.002	<.010	<.006	<.011
JAN													
24...	<.027	<.050	<.006	E.009	<.006	<.002	<.007	<.003	<.007	<.002	<.010	<.006	<.011
FEB													
21...	<.027	<.050	<.006	.018	<.006	<.002	<.007	<.003	<.007	<.002	<.010	<.006	<.011
MAR													
27...	<.027	<.050	<.006	E.012	<.006	<.002	<.007	<.003	<.007	<.002	<.010	<.006	<.011
APR													
19...	<.027	<.050	<.006	.022	<.006	<.002	<.007	<.003	<.007	<.002	<.010	<.006	<.011
MAY													
21...	<.027	<.050	<.006	.016	<.006	<.002	<.007	<.003	<.007	<.002	<.010	<.006	<.011
JUN													
22...	<.027	<.050	<.006	.184	<.006	<.002	E.004	<.003	<.007	<.002	<.010	<.006	<.011
JUL													
30...	<.027	<.050	<.006	.022	<.006	<.002	<.007	<.003	<.007	<.002	<.010	<.006	<.011
AUG													
29...	<.027	<.050	<.006	.018	<.006	<.002	<.007	<.003	<.007	<.002	<.010	<.006	<.011
SEP													
19...	<.027	<.050	<.006	.015	<.006	<.002	<.007	<.003	<.007	<.002	<.010	<.006	<.011

02091500 CONTENTNEA CREEK AT HOOKERTON, NC--Continued

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

DATE	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT													
17...	.021	<.004	<.010	<.011	<.023	E.003	.025	<.034	<.017	<.005	<.002	<.009	61
NOV													
06...	E.011	<.004	<.010	<.011	<.023	<.011	E.009	<.034	<.017	<.005	<.002	<.009	45
DEC													
07...	E.013	<.004	<.010	<.011	<.023	E.002	E.005	<.034	<.017	<.005	<.002	<.009	92
JAN													
24...	E.010	<.004	<.010	<.011	<.023	E.006	<.016	<.034	<.017	<.005	<.002	<.009	77
FEB													
21...	E.013	<.004	<.010	<.011	<.023	.239	E.012	<.034	<.017	<.005	<.002	<.009	91
MAR													
27...	E.005	<.004	<.010	<.011	<.023	.079	<.016	<.034	<.017	<.005	<.002	<.009	73
APR													
19...	E.012	<.004	<.010	<.011	<.023	.048	E.006	<.034	<.017	<.005	<.002	<.009	86
MAY													
21...	E.013	<.004	<.010	<.011	<.023	.018	E.015	<.034	<.017	<.005	<.002	<.009	82
JUN													
22...	.028	<.004	<.010	<.011	<.023	.029	E.009	<.034	<.017	<.005	<.002	<.009	79
JUL													
30...	.025	<.004	<.010	<.011	<.023	E.004	E.008	<.034	<.017	<.005	<.002	<.009	66
AUG													
29...	.029	<.004	<.010	<.011	<.023	E.006	E.009	<.034	<.017	<.005	<.002	<.009	71
SEP													
19...	.037	<.004	<.010	<.011	<.023	E.008	E.009	<.034	<.017	<.005	<.002	<.009	83

DATE	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
OCT		
17...	10	6.6
NOV		
06...	11	5.0
DEC		
07...	4	5.8
JAN		
24...	10	12
FEB		
21...	20	38
MAR		
27...	27	231
APR		
19...	11	15
MAY		
21...	11	5.0
JUN		
22...	17	81
JUL		
30...	52	119
AUG		
29...	17	12
SEP		
19...	17	8.7