

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, April 2002 to August 2004.

WATER TEMPERATURE: October 1949 to September 1950, March 1979 to September 1984, April 2002 to August 2004.

INSTRUMENTATION.--Water-quality monitor with satellite telemetry from April 2002 to August 2004. Water-quality monitor from October 1981 to September 1984.

REMARKS.--Station operated as part of NAWQA Program from March 1993 to current year. 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.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	307, August 29, 2002	41, June 11, 1979 (daily)
WATER TEMPERATURE, °C	31.8, August 25, 2002	1.0, January 13, 14, 1981 (daily), January 18, 1982

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Medium code	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfltrd uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Chloride, water, fltrd, mg/L (00940)	Sulfate water, fltrd, mg/L (00945)
OCT 26...	1100	9	244	768	8.1	81	6.8	96	15.6	20	24	11.4	6.7
DEC 15...	0930	9	588	775	9.8	84	6.8	95	9.1	15	18	12.5	6.0
FEB 15...	1330	9	471	765	10.8	94	6.4	101	9.3	13	15	13.6	7.0
APR 28...	1330	9	380	763	7.8	81	6.4	101	17.1	14	18	12.5	7.5
JUN 09...	1100	9	490	763	5.6	68	6.8	90	25.5	17	20	9.88	6.0
JUN 20...	1545	D	135	--	6.2	--	6.3	105	25.2	--	--	--	--
AUG 09...	1045	9	123	762	5.6	70	6.7	111	27.0	20	25	11.3	8.9

Date	Ammonia water, fltrd, mg/L as N (00608)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Particulate nitrogen, susp, water, mg/L (49570)	Total nitrogen, wat unfltrd by analysis, mg/L (62855)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inorganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, suspnd sedimnt total, mg/L (00689)	Organic carbon, water, fltrd, mg/L (00681)	Biomass periphyton, ashfree drymass g/m2 (49954)
OCT 26...	E.03	--	.62	E.004	.03	1.15	.036	.086	.4	<.1	.4	8.5	--
DEC 15...	<.04	--	.44	E.005	--	.95	.038	.074	--	--	--	--	--
FEB 15...	E.03	.71	.72	.010	--	1.25	.014	.052	--	--	--	--	--
APR 28...	.07	.83	.84	.011	--	1.48	.042	.112	--	--	--	--	--
JUN 09...	E.03	.60	.61	.009	--	1.25	.044	.124	--	--	--	--	--
JUN 20...	--	--	--	--	--	--	--	--	--	--	--	--	6.1
AUG 09...	.09	--	.73	E.006	--	1.23	.061	.195	--	--	--	--	--

## 02091500 CONTENTNEA CREEK AT HOOKERTON, NC—Continued

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Peri- phyton biomass ash weight, g/m2 (00572)	Peri- phyton biomass dry weight, g/m2 (00573)	Biomass chloro- phyll ratio, peri- phyton, number (70950)	Pheo- phytin a, peri- phyton, mg/m2 (62359)	Chloro- phyll a peri- phyton, chromo- fluoro, mg/m2 (70957)	1-Naph- thol, water, fltrd 0.7u GF ug/L (49295)	2,6-Di- ethyl- aniline water fltrd 0.7u GF ug/L (82660)	2Chloro -2',6'- diethyl acet- anilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	2-Ethyl -6- methyl- aniline water, fltrd, ug/L (61620)	3,4-Di- chloro- aniline water fltrd, ug/L (61625)	3,5-Di- chloro- aniline water, fltrd, ug/L (61627)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)
Date	Aceto- chlor, water, fltrd, ug/L (49260)	Ala- chlor, water, fltrd, ug/L (46342)	alpha- Endo- sulfan, water, fltrd, ug/L (34362)	Atra- zine, water, fltrd, ug/L (39632)	Azin- phos- methyl oxon, water, fltrd, ug/L (61635)	Azin- phos- methyl, water, fltrd 0.7u GF ug/L (82686)	Ben- flur- alin, water, fltrd 0.7u GF ug/L (82673)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carbo- furan, water, fltrd 0.7u GF ug/L (82674)	Chlor- pyrifos oxon, water, fltrd, ug/L (61636)	Chlor- pyrifos water, fltrd, ug/L (38933)	cis- Per- methrin fltrd 0.7u GF ug/L (82687)	cis- Propi- cona- zole, water, fltrd, ug/L (79846)
Date	Cyana- zine, water, fltrd, ug/L (04041)	Cyflu- thrin, water, fltrd, ug/L (61585)	lambda- Cyhalo- thrin, water, fltrd, ug/L (61595)	Cyper- methrin water, fltrd, ug/L (61586)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulf- inyl fipron- nil, water, fltrd, ug/L (62170)	Diaz- inon oxon, water, fltrd, ug/L (61638)	Diazi- non, water, fltrd, ug/L (39572)	Dicro- tophos, water fltrd, ug/L (38454)	Diel- drin, water, fltrd, ug/L (39381)	Dimeth- oate, water, fltrd 0.7u GF ug/L (82662)	Disulf- oton sulfone water, fltrd, ug/L (61640)	Disul- foton, water, fltrd 0.7u GF ug/L (82677)
OCT 26...	--	--	--	--	--	<.09	<.006	<.005	<.006	<.004	<.004	--	<.006
DEC 15...	--	--	--	--	--	<.09	<.006	<.005	<.006	<.004	<.004	--	<.006
FEB 15...	--	--	--	--	--	<.09	<.006	<.005	<.006	<.004	<.004	--	<.006
APR 28...	--	--	--	--	--	<.09	<.006	<.005	E.008	<.004	<.004	--	<.006
JUN 09...	--	--	--	--	--	<.09	<.006	<.005	E.013	<.004	<.004	<.004	<.006
JUN 20...	43	49.10	604	4.4	10.1	--	--	--	--	--	--	--	--
AUG 09...	--	--	--	--	--	<.09	<.006	<.005	<.006	<.004	<.004	<.004	<.006
OCT 26...	<.006	<.007	--	.008	<.07	<.050	<.010	<.041	--	<.06	<.005	<.006	--
DEC 15...	<.006	<.005	--	<.015	<.07	<.050	<.010	<.041	--	<.06	<.005	<.006	--
FEB 15...	<.006	<.005	--	.011	<.07	<.050	<.010	<.041	--	<.06	<.005	<.006	--
APR 28...	<.006	.009	--	.108	<.07	<.050	<.010	<.041	--	<.06	<.005	<.006	--
JUN 09...	<.006	E.006	<.005	.493	<.07	<.050	<.010	E.007	<.020	<.06	E.004	<.006	<.008
JUN 20...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 09...	<.006	<.005	<.005	.024	<.07	<.050	<.010	<.041	<.020	<.06	<.005	<.006	<.008
OCT 26...	--	<.008	--	<.009	<.003	E.005	<.01	<.005	<.08	<.009	<.006	--	--
DEC 15...	--	<.008	--	<.009	<.003	<.012	<.01	<.005	<.08	<.009	<.006	--	--
FEB 15...	--	<.027	--	<.009	<.003	<.012	<.01	E.004	<.08	<.009	<.006	--	--
APR 28...	--	<.027	--	<.009	<.003	E.004	<.01	<.005	<.08	<.009	<.006	--	--
JUN 09...	<.018	<.027	<.009	<.009	<.003	E.004	--	<.005	<.08	<.009	<.006	<.01	<.02
JUN 20...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 09...	<.018	<.027	<.009	<.009	<.003	E.004	--	<.005	<.08	<.009	<.006	<.01	<.02

## 02091500 CONTENTNEA CREEK AT HOOKERTON, NC—Continued

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Endo- sulfan sulfate water, fltrd, ug/L (61590)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Etho- prop, water, fltrd 0.7u GF ug/L (82672)	Fenami- phos sulfone water, fltrd, ug/L (61645)	Fenami- phos sulf- oxide, water, fltrd, ug/L (61646)	Fenami- phos, water, fltrd, ug/L (61591)	Desulf- inyl- fipron- il amide, wat flt ug/L (62169)	Fipron- il sulfide water, fltrd, ug/L (62167)	Fipron- il sulfone water, fltrd, ug/L (62168)	Fipron- il, water, fltrd, ug/L (62166)	Fonofos oxon, water, fltrd, ug/L (61649)
OCT 26...	--	--	<.0020	<.004	--	<.049	<.04	<.03	<.029	E.007	<.024	E.007	<.003
DEC 15...	--	--	<.0020	<.004	--	<.049	--	<.03	<.029	<.013	<.024	<.016	<.003
FEB 15...	--	--	<.0020	<.004	--	<.049	<.04	<.03	<.029	<.013	<.024	<.016	--
APR 28...	--	--	<.0020	<.004	--	<.049	<.04	<.03	<.029	E.005	<.024	E.007	--
JUN 09...	<.014	<.004	<.002	<.004	<.005	<.049	<.04	<.03	<.029	E.005	<.024	E.007	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 09...	<.014	<.004	<.002	<.004	<.005	<.049	<.04	<.03	<.029	<.013	<.024	<.016	--
Date	Fonofos water, fltrd, ug/L (04095)	Hexa- zinone, water, fltrd, ug/L (04025)	Ipro- dione, water, fltrd, ug/L (61593)	Isofen- phos, water, fltrd, ug/L (61594)	Mala- oxon, water, fltrd, ug/L (61652)	Mala- thion, water, fltrd, ug/L (39532)	Meta- laxyl, water, fltrd, ug/L (61596)	Methi- althion water, fltrd, ug/L (61598)	Methyl para- oxon, water, fltrd, ug/L (61664)	Methyl para- thion, water, fltrd 0.7u GF ug/L (82667)	Metola- chlor, water, fltrd, ug/L (39415)	Metri- buzin, water, fltrd, ug/L (82630)	Moli- nate, water, fltrd 0.7u GF ug/L (82671)
OCT 26...	<.003	<.013	<.387	<.003	<.030	<.027	<.050	<.006	<.03	<.015	.019	<.006	--
DEC 15...	<.003	<.013	<.387	<.003	<.030	<.027	<.005	<.006	<.03	<.015	<.015	<.006	--
FEB 15...	<.003	<.013	<.538	<.003	<.030	<.027	<.005	<.006	<.03	<.015	.010	<.006	--
APR 28...	<.003	<.013	<.538	<.003	<.030	<.027	.009	<.006	<.03	<.015	.054	<.006	--
JUN 09...	<.003	<.013	<.538	<.003	<.030	<.027	.010	<.006	<.03	<.015	.317	<.006	<.003
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 09...	<.003	<.013	<.538	<.003	<.030	<.027	<.005	<.006	<.03	<.015	.028	<.006	<.003
Date	Myclo- butanil water, fltrd, ug/L (61599)	Oxy- fluor- fen, water, fltrd, ug/L (61600)	Pendi- meth- alin, water, fltrd 0.7u GF ug/L (82683)	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water fltrd 0.7u GF ug/L (82664)	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Prome- ton, water, fltrd, ug/L (04037)	Prome- tryn, water, fltrd, ug/L (04036)	Propy- zamide, water, fltrd 0.7u GF ug/L (82676)	Pro- panil, water, fltrd 0.7u GF ug/L (82679)	Propar- gite, water, fltrd 0.7u GF ug/L (82685)	Simaz- ine, water, fltrd, ug/L (04035)
OCT 26...	<.008	--	<.022	<.10	<.011	<.05	<.008	E.01	.018	<.004	--	--	.008
DEC 15...	<.008	--	<.022	<.10	<.011	<.05	<.008	.01	.014	<.004	--	--	.013
FEB 15...	<.008	--	<.022	<.10	<.011	<.05	<.008	E.01	.008	<.004	--	--	.031
APR 28...	<.008	--	<.022	<.10	<.011	<.05	<.008	.02	.009	<.004	--	--	.076
JUN 09...	<.008	<.007	<.022	<.10	<.011	<.05	<.008	.02	.010	<.004	<.011	<.02	.056
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 09...	<.008	<.007	<.022	<.10	<.011	--	<.008	.02	.060	<.004	<.011	<.02	.019

## 02091500 CONTENTNEA CREEK AT HOOKERTON, NC—Continued

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Tebu- thiuron water fltrd 0.7u GF (82670)	Teflu- thrin, water, fltrd, ug/L (61606)	Ter- bufos oxon sulfone water, fltrd, ug/L (61674)	Terbu- fos, water, fltrd 0.7u GF (82675)	Ter- buthyl- azine, water, fltrd, ug/L (04022)	Thio- bencarb water fltrd 0.7u GF (82681)	trans- Propi- cona- zole, water, fltrd, ug/L (79847)	Tribu- phos, water, fltrd, ug/L (61610)	Tri- flur- alin, water, fltrd 0.7u GF (82661)	Di- chlor- vos, water fltrd, ug/L (38775)	Suspnd. sedi- ment, sieve diametr percent <.063mm (70331)	Sus- pended sedi- ment concen- tration mg/L (80154)	Sus- pended sedi- ment dis- charge, tons/d (80155)
OCT 26...	<.02	--	<.07	<.02	<.01	--	--	--	<.009	<.01	96	8	5.3
DEC 15...	<.02	--	<.07	<.02	<.01	--	--	--	<.009	<.01	93	23	37
FEB 15...	<.02	--	<.07	<.02	<.01	--	--	--	<.009	<.01	91	11	14
APR 28...	<.02	--	<.07	<.02	E.01	--	--	--	<.009	<.01	90	10	10
JUN 09...	<.02	<.008	<.07	<.02	<.01	<.010	<.01	<.004	<.009	<.01	91	13	17
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 09...	<.02	<.008	<.07	<.02	<.01	<.010	<.01	<.004	<.009	<.01	94	31	10

Remark codes used in this table:

< -- Less than.  
E -- Estimated.

Medium codes used in this table:

9 -- Surface water sample.  
D -- Plant tissue sample.