

WATER-QUALITY RECORDS

PERIOD OF RECORD.--August 2002 to November 2003 (discontinued).

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: August 2002 to November 2003.

INSTRUMENTATION.--Logging pressure transducer with water temperature probe.

REMARKS.--Station operated as part of NAWQA Urban Land Use Gradient study.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum recorded, 31.8°C, Aug. 30, 2003; minimum recorded, 0.0°C, Jan. 19, 23, Feb. 17, 2003.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

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, std units (00400)	Specific conductance, wat unfltrd, uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Chloride, water, fltrd, mg/L (00940)	Sulfate, water, fltrd, mg/L (00945)	Ammonia + org-N, water, unfltrd, mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)
Date	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Particulate nitrogen, susp, water, mg/L (49570)	Phosphorus, water, unfltrd, mg/L (00665)	Total nitrogen, water, unfltrd, mg/L (00660)	Total carbon, suspnd, total, mg/L (00694)	Inorganic carbon, suspnd, total, mg/L (00688)	Organic carbon, suspnd, total, mg/L (00689)	Organic carbon, water, fltrd, mg/L (00681)	Biomass periphyton, ashfree, drymass, g/m2 (49954)	Periphyton biomass, ash weight, g/m2 (00572)	Periphyton biomass, dry weight, g/m2 (00573)
MAR 04...	1400	9	E77	753	11.1	95	6.2	47	8.0	4.02	6.2	0.24	<0.04
MAY 16...	1400	D	E29	--	8.6	--	7.0	60	18.4	--	--	--	--
JUN 24...	1200	9	--	--	7.9	--	6.0	60	18.9	--	--	--	--
JUL 07...	1000	9	--	--	--	--	--	--	--	--	--	--	--
JUL 16...	0900	9	E14	750	8.8	103	6.7	65	22.5	4.39	2.1	0.36	<0.04
MAR 04...	0.23	<0.008	<0.02	0.04	0.027	0.46	0.3	<0.1	0.3	4.5	--	--	--
MAY 16...	--	--	--	--	--	--	--	--	--	--	3.700	46	50.10
JUN 24...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 07...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 16...	0.20	<0.008	<0.02	0.04	0.029	0.57	0.4	<0.1	0.4	4.9	--	--	--
MAR 04...	--	--	K12	--	<0.09	<0.006	<0.1	<0.005	E.006	<0.004	<0.004	<0.006	<0.006
MAY 16...	621	7.0	--	6.0	--	--	--	--	--	--	--	--	--
JUN 24...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 07...	--	--	97	--	--	--	--	--	--	--	--	--	--
JUL 16...	--	--	--	--	<0.09	<0.006	<0.3	<0.005	E.018	<0.004	<0.004	<0.006	<0.006

02085430 DEEP CREEK NEAR MORIAH, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Alachlor, water, fltrd, ug/L (46342)	Atrazine, 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)	Chlor-pyrifos oxon, water, fltrd, ug/L (61636)	Chlor-pyrifos water, fltrd, ug/L (38933)	cis-Per-methrin water fltrd, 0.7u GF ug/L (82687)	Cyflu-thrin, water, fltrd, ug/L (61585)	Cyper-methrin water, fltrd, ug/L (61586)	DCPA, water fltrd, 0.7u GF ug/L (82682)	Desulf-inyl fipronil, water, fltrd, ug/L (62170)
MAR 04...	<0.004	<0.007	<0.02	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004
MAY 16...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 24...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 07...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 16...	<0.004	0.051	<0.02	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004
Date	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)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	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-fipronil amide, wat flt ug/L (62169)	Fipronil sulfide water, fltrd, ug/L (62167)	Fipronil sulfone water, fltrd, ug/L (62168)
MAR 04...	<0.04	<0.005	<0.08	<0.005	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005	<0.005
MAY 16...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 24...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 07...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 16...	<0.01	<0.005	<0.08	<0.005	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005	<0.005
Date	Fipronil, water, fltrd, ug/L (62166)	Fonofos oxon, water, fltrd, ug/L (61649)	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)
MAR 04...	<0.007	<0.002	<0.003	--	<1	<0.003	<0.008	<0.027	<0.005	<0.006	<0.03	<0.006	E.004
MAY 16...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 24...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 07...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 16...	<0.007	<0.002	<0.003	<0.013	<1	<0.003	<0.008	<0.027	<0.005	<0.006	<0.03	<0.006	E.007
Date	Metri-buzin, water, fltrd, ug/L (82630)	Myclo-butanil water, fltrd, ug/L (61599)	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)	Pron-amide, water, fltrd, 0.7u GF ug/L (82676)	Sima-zine, water, fltrd, ug/L (04035)	Tebu-thiuron water fltrd, 0.7u GF ug/L (82670)	Ter-bufos oxon sulfone water, fltrd, ug/L (61674)
MAR 04...	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06	<0.008	<0.01	<0.005	<0.004	E.002	<0.02	<0.07
MAY 16...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 24...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 07...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 16...	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06	<0.008	M	<0.005	<0.004	0.032	<0.02	<0.07

02085430 DEEP CREEK NEAR MORIAH, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	7.6	2.9	4.9	11.2	7.9	10
2	---	---	---	---	---	---	5.6	1.5	3.8	10.8	9.4	9.8
3	---	---	---	---	---	---	7.6	2.8	4.5	9.6	8.5	9.4
4	---	---	---	---	---	---	2.8	0.3	1.8	8.5	6.0	7.3
5	---	---	---	---	---	---	3.1	0.3	1.9	6.0	4.8	5.4
6	---	---	---	---	---	---	4.4	3.1	3.8	5.8	4.6	5.2
7	---	---	---	---	---	---	3.9	2.5	3.3	4.9	3.3	4.1
8	---	---	---	---	---	---	4.4	2.7	3.6	6.1	3.9	4.9
9	---	---	---	---	---	---	5.0	4.2	4.6	8.1	5.4	6.7
10	---	---	---	---	---	---	4.7	4.0	4.4	7.9	6.0	7.1
11	---	---	---	---	---	---	5.4	4.2	5.0	6.0	3.8	5.0
12	---	---	---	---	---	---	6.7	5.2	5.9	4.0	2.4	3.3
13	---	---	---	---	---	---	6.6	6.0	6.2	3.9	1.2	2.6
14	---	---	---	---	---	---	7.4	6.1	6.8	4.5	2.2	3.3
15	---	---	---	11.4	9.5	10.6	7.0	5.8	6.4	4.5	1.9	3.3
16	---	---	---	12.2	11.4	11.8	7.3	5.6	6.5	2.8	1.1	2.0
17	---	---	---	12.2	11.4	12.0	6.7	5.6	6.2	3.7	1.3	2.3
18	---	---	---	11.4	9.5	10.4	7.1	5.7	6.4	2.2	0.1	0.7
19	---	---	---	9.7	8.1	9.1	7.9	6.7	7.2	1.2	0.0	0.4
20	---	---	---	9.8	8.0	9.0	10.9	7.9	9.7	3.8	0.3	1.7
21	---	---	---	10.3	8.9	9.6	9.4	7.0	8.1	2.8	1.5	2.1
22	---	---	---	10.4	8.6	9.7	8.0	5.8	6.9	3.6	0.4	1.8
23	---	---	---	8.8	7.2	8.0	7.7	6.2	7.0	1.9	0.0	0.7
24	---	---	---	9.0	6.2	7.7	7.2	6.6	6.9	1.1	0.1	0.3
25	---	---	---	9.8	6.7	8.2	7.2	6.5	7.0	1.9	0.1	0.5
26	---	---	---	9.4	6.8	8.2	6.5	5.5	6.0	1.2	0.2	0.5
27	---	---	---	8.6	6.0	7.6	5.5	4.2	4.8	1.5	0.2	0.5
28	---	---	---	7.2	3.6	5.1	5.0	3.3	4.3	0.8	0.2	0.4
29	---	---	---	6.6	2.3	4.4	5.9	3.9	4.9	1.9	0.4	1.0
30	---	---	---	9.1	5.0	6.7	6.3	4.3	5.3	3.5	1.9	2.8
31	---	---	---	---	---	---	7.9	5.4	6.5	4.1	3.4	3.8
MONTH	---	---	---	---	---	---	10.9	0.3	5.5	11.2	0.0	3.5
	FEBRUARY			MARCH			APRIL			MAY		
1	5.8	4.1	4.9	6.4	4.6	5.3	11.8	8.2	9.9	---	---	---
2	6.3	4.2	5.2	8.3	6.3	7.1	15.4	10.7	13.0	---	---	---
3	7.3	4.6	6.0	8.5	6.7	7.7	17.3	12.9	15.1	---	---	---
4	10.0	7.2	8.6	8.6	5.9	7.3	17.2	14.2	15.8	---	---	---
5	8.0	5.4	6.7	11.5	8.4	9.8	16.8	15.1	15.8	---	---	---
6	5.4	3.6	4.5	11.7	10.8	11.2	16.6	13.5	15.1	---	---	---
7	5.1	3.5	4.3	11.2	7.2	9.0	15.0	9.6	11.2	---	---	---
8	5.0	3.8	4.4	9.5	5.7	7.6	9.6	9.4	9.5	---	---	---
9	4.8	3.0	3.8	12.6	8.7	10.5	9.4	8.3	8.8	---	---	---
10	4.9	4.0	4.3	11.3	8.8	10.1	9.0	8.4	8.6	---	---	---
11	5.7	3.2	4.4	8.8	6.7	7.5	9.3	8.3	8.7	---	---	---
12	6.3	3.8	4.9	10.5	5.4	7.9	13.3	9.2	11.0	---	---	---
13	5.5	3.0	4.3	12.8	8.5	10.7	14.7	10.9	12.8	---	---	---
14	5.1	3.5	4.4	12.8	10.6	11.8	15.7	11.7	13.7	---	---	---
15	6.0	5.1	5.5	10.6	8.6	9.1	---	---	---	---	---	---
16	5.2	1.1	3.4	10.2	8.4	9.2	---	---	---	---	---	---
17	1.2	0.0	0.6	11.9	10.2	11.0	---	---	---	---	---	---
18	4.4	1.2	2.7	12.9	11.4	12.1	---	---	---	---	---	---
19	5.0	2.7	3.9	12.6	10.7	11.8	---	---	---	---	---	---
20	6.4	4.6	5.4	10.7	8.1	8.8	---	---	---	---	---	---
21	6.5	5.6	6.1	11.1	8.1	9.5	---	---	---	---	---	---
22	7.0	6.4	6.6	13.2	10.2	11.7	---	---	---	---	---	---
23	8.9	7.0	8.0	13.4	10.4	12.1	---	---	---	---	---	---
24	8.5	5.8	7.2	14.9	11.3	13.0	---	---	---	---	---	---
25	8.2	6.7	7.6	15.3	11.0	13.2	---	---	---	---	---	---
26	7.4	5.0	6.1	16.7	12.6	14.6	---	---	---	---	---	---
27	5.0	4.0	4.3	16.4	13.4	14.8	---	---	---	---	---	---
28	4.8	3.8	4.3	16.6	12.7	14.7	---	---	---	---	---	---
29	---	---	---	18.0	15.4	16.5	---	---	---	---	---	---
30	---	---	---	16.9	9.9	12.8	---	---	---	---	---	---
31	---	---	---	10.8	8.5	9.7	---	---	---	---	---	---
MONTH	10.0	0.0	5.1	18.0	4.6	10.6	---	---	---	---	---	---

