02081511 FISHING CREEK NEAR OXFORD, NC-Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD .-- July 2002 to May 2003 (discontinued).

PERIOD OF DAILY RECORD .--

WATER TEMPERATURE: July 2002 to May 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, 28.5°C, Aug. 23, 2003; minimum recorded, 0.0°C, Jan. 18, 19, 24, 25, 28, 2003.

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

Date	Time	Medium code	Instan- taneous dis- charge, cfs (00061)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)	Chlor- ide, 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 (71846)
MAR 04	0900	9	E10	757	10.4	85	6.8	194	6.6	16.2	18.6	0.54	0.06
APR 29	1200	9					7.4	277	19.1				
SEP 22	1325	9			8.3		7.2	320	21.9				

		Nitrite		Ortho- Partic-				Inor-					
		+		Organic	phos-	ulate		Total	Total	ganic	Organic		E coli,
	Ammonia	nitrate	Nitrite	nitro-	phate,	nitro-	Phos-	nitro-	carbon,	carbon,	carbon,	Organic	modif.
	water,	water	water,	gen,	water,	gen,	phorus,	gen,	suspnd	suspnd	suspnd	carbon,	m-TEC,
	fltrd,	fltrd,	fltrd,	water,	fltrd,	susp,	water,	water,	sedimnt	sedimnt	sedimnt	water,	water,
D	mg/L	mg/L	mg/L	unfltrd	mg/L	water,	unfltrd	unfltrd	total,	total,	total,	fltrd,	col/
Date	as N	as N	as N	mg/L	as P	mg/L	100 mL						
	(00608)	(00631)	(00613)	(00605)	(00671)	(49570)	(00665)	(00600)	(00694)	(00688)	(00689)	(00681)	(90902)
MAR													
04	0.04	0.25	< 0.008	0.50	< 0.02	0.19	0.096	0.80	1.3	< 0.1	1.3	6.1	69
APR													
29													
SEP													
22													

Date	1-Naph- thol, water, fltrd 0.7u GF ug/L (49295)	2,6-Di- ethyl- aniline water fltrd 0.7u GF ug/L (82660)	2-[(2- Et-6-Me -Ph)- -amino] propan- 1-ol, ug/L (61615)	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)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	Aceto- chlor, water, fltrd, ug/L (49260)	Ala- chlor, water, fltrd, ug/L (46342)	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)
MAR 04 APR 29 SEP 22	<0.09	<0.006	<0.1	<0.005	<0.006	<0.004	<0.004	<0.006	<0.006	<0.004	E.003 	<0.02	<0.050

	Ben-				cis-				Desulf-				
	flur-	Car-	Chlor-		Per-				inyl	Diaz-			
	alin,	baryl,	pyrifos	Chlor-	methrin	Cyflu-	Cyper-	DCPA,	fipro-	inon	Diazi-	Dicro-	Diel-
	water,	water,	oxon,	pyrifos	water	thrin,	methrin	water	nil,	oxon,	non,	tophos,	drin,
	fltrd	fltrd	water,	water,	fltrd	water,	water,	fltrd	water,	water,	water,	water	water,
	0.7u GF	0.7u GF	fltrd,	fltrd,	0.7u GF	fltrd,	fltrd,	0.7u GF	fltrd,	fltrd,	fltrd,	fltrd,	fltrd,
Date	ug/L												
	(82673)	(82680)	(61636)	(38933)	(82687)	(61585)	(61586)	(82682)	(62170)	(61638)	(39572)	(38454)	(39381)
MAR													
04	< 0.010	< 0.041	< 0.06	< 0.005	< 0.006	< 0.008	< 0.009	< 0.003	< 0.004	< 0.04	< 0.005	< 0.08	< 0.005
APR													
29													
SEP													
22													

02081511 FISHING CREEK NEAR OXFORD, NC-Continued

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

Date	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- fipro- nil amide, wat flt ug/L (62169)	Fipro- nil sulfide water, fltrd, ug/L (62167)	Fipro- nil sulfone water, fltrd, ug/L (62168)	Fipro- nil, water, fltrd, ug/L (62166)	Fonofos oxon, water, fltrd, ug/L (61649)	Fonofos water, fltrd, ug/L (04095)	Ipro- dione, water, fltrd, ug/L (61593)
MAR 04 APR 29 SEP	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005	<0.005	E.021	<0.002	<0.003	<1
22													

Date	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)	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)
MAR 04 APR 29	<0.003	<0.008	<0.027	<0.005	<0.006	<0.03	<0.006	<0.013	<0.007	<0.008	<0.022	<0.10	<0.011
SEP 22													

Date	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)	Terbu- fos, water, fltrd 0.7u GF ug/L (82675)	Ter- buthyl- azine, water, fltrd, ug/L (04022)	Tri- flur- alin, water, fltrd 0.7u GF ug/L (82661)	Di- chlor- vos, water fltrd, ug/L (38775)	Suspnd. sedi- ment, sieve diametr percent <.063mm (70331)
MAR 04 APR 29	<0.06	<0.008	E.01	<0.005	<0.004	0.008	<0.02	<0.07	< 0.02	<0.01	<0.009	<0.01	87
SEP 22													

Date	Sus- pended sedi- ment concen- tration mg/L (80154)
MAR 04 APR 29 SEP 22	14
Remark codes < Less tha E Estimate	

Rema < --E --

Medium codes used in this table: 9 - Surface water

02081511 FISHING CREEK NEAR OXFORD, NC-Continued

TEMPERATURE, WATER, DEGREES CELSIUS JULY TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST		S	EPTEMBE	ER
1 2 3 4 5	 	 	 	 26.8 26.5	 23.1 22.6	 24.8 24.5	27.4 27.0 27.8 27.8 26.5	24.0 23.7 22.7 22.2 22.4	25.8 25.4 25.0 24.7 24.7	21.6 22.1 23.4 24.9 25.2	20.8 20.9 20.5 21.9 22.6	21.2 21.5 22.0 23.6 24.1
6 7 8 9 10	 	 	 	27.0 25.6 24.6 27.3 26.5	22.4 19.9 20.3 21.4 23.3	24.3 22.8 22.6 23.3 24.4	27.0 25.1 24.6 24.8 24.9	23.3 20.8 19.1 19.0 18.4	24.8 23.2 22.2 22.0 21.7	24.2 23.9 23.5 23.5 24.1	21.2 20.2 19.9 20.8 21.9	23.0 22.3 21.8 22.3 23.0
11 12 13 14 15	 	 	 	24.5 23.8 24.0 24.3 24.8	22.6 20.1 19.9 22.2 22.4	23.7 22.1 22.1 23.0 23.5	25.7 25.1 26.5 26.5 26.7	19.1 20.8 22.3 22.1 24.3	22.2 23.1 24.3 24.4 25.3	24.6 23.3 22.4 22.6 22.7	21.6 19.1 17.5 20.1 20.8	23.2 21.7 20.7 21.7 22.0
16 17 18 19 20	 	 	 	26.0 27.0 26.3 27.4 25.9	22.1 22.5 22.3 23.2 20.6	24.1 24.5 24.5 25.2 23.6	27.3 27.6 27.3 27.3 27.4	24.4 24.4 24.2 23.3 23.7	25.7 25.8 25.5 25.4 25.7	23.8 24.4 24.0 23.7 24.0	22.2 21.8 21.8 22.2 20.7	22.9 23.2 23.2 23.1 22.7
21 22 23 24 25	 	 	 	24.8 25.8 26.1 26.3 25.2	21.7 22.6 23.3 23.8 23.9	23.2 24.3 24.7 24.7 24.5	27.4 27.5 28.5 28.1 27.4	24.2 24.0 24.1 24.2 22.7	25.8 25.8 26.3 25.9 25.2	24.3 24.7 23.4 22.7 22.1	20.4 20.9 22.0 19.8 19.5	22.6 22.8 22.6 21.5 21.1
26 27 28 29 30 31	 	 	 	24.8 26.3 27.3 27.7 28.2 27.5	23.6 23.7 23.2 24.5 24.6 24.7	24.2 24.8 25.2 26.1 26.4 26.1	25.4 23.7 23.2 22.9 22.4 21.4	22.2 22.7 22.2 21.5 21.0 20.8	23.6 23.3 22.5 22.4 21.6 21.1	 	 	
MONTH						 WATED DI	28.5	18.4	24.2			

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	(OCTOBE	ર	Ν	OVEMBE	ER	D	ECEMBE	R	J	JANUARY	ſ
1							8.4	3.1	5.5	11.6	9.1	10.6
2							7.6	0.9	5.1	10.6	9.2	9.9
3							8.7	3.4	6.1	10.0	8.6	9.3
4							6.1	2.4	4.4	8.6	6.4	7.5
5							4.4	0.6	2.7	7.1	4.9	6.0
6							5.1	3.9	4.3	7.6	5.6	6.4
7							5.3	2.9	4.1	6.9	4.1	5.5
8							6.0	3.3	4.7	8.0	4.9	6.5
9							6.4	5.1	5.7	10.3	6.2	8.1
10							6.3	4.9	5.7	10.2	7.0	8.3
11							6.2	4.2	5.3	8.3	4.0	6.1
12							8.2	5.9	7.0	6.5	2.3	4.2
13							7.4	5.3	6.4	6.6	1.6	4.1
14							8.0	6.2	7.2	7.0	2.7	5.0
15				12.8	9.9	11.5	7.8	5.6	6.7	7.2	3.3	5.2
16				13.4	12.0	12.7	8.2	5.5	6.8	5.7	2.1	4.1
17				12.6	11.0	11.9	7.7	5.9	7.0	6.1	2.8	4.1
18				11.3	9.6	10.4	8.6	6.2	7.5	5.0	0.0	2.2
19				11.2	8.4	9.8	8.9	7.3	8.1	4.8	0.0	1.9
20				11.7	8.5	10.2	11.8	8.9	10.5	7.3	1.0	3.6
21				11.7	9.6	10.8	9.8	7.4	8.5	4.9	2.5	3.8
22				12.1	9.9	11.1	9.3	5.8	7.5	6.5	0.9	3.7
23				11.2	7.3	9.2	9.1	6.1	7.6	4.2	0.9	2.3
24				11.6	6.0	8.7	8.0	6.5	7.0	4.3	0.0	1.9
25				11.9	6.8	9.4	6.8	5.4	6.2	5.3	0.0	2.2
26				11.9	7.4	9.9	6.8	4.9	5.8	5.5	0.8	2.6
27				10.7	7.2	9.2	6.4	4.3	5.3	4.8	0.4	2.4
28				9.0	1.8	5.6	6.3	3.9	5.1	5.4	0.0	2.5
29				8.8	1.1	5.3	7.5	4.5	5.8	6.1	3.4	4.6
30				10.3	5.9	7.9	8.1	4.7	6.3	4.7	2.7	3.7
31							9.6	6.5	7.9	4.7	2.9	4.0
MONTH							11.8	0.6	6.3	11.6	0.0	4.9

02081511 FISHING CREEK NEAR OXFORD, NC-Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED WATER YEAR OCTOBER 2002 TO MAY 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	F	EBRUAR	Y		MARCH			APRIL			MAY	
1 2 3 4 5	6.6 7.2 8.7 10.4	4.5 4.1 4.6 8.0	5.4 5.6 6.7 9.1	7.8 9.7 10.0 10.2 12.7	5.6 6.9 7.1 6.4 9.3	6.7 8.2 8.5 8.4 10.9	13.3 17.0 19.7 18.6 18.3	9.0 11.1 12.4 13.7 15.0	11.0 13.8 15.4 16.0 16.3	20.1 20.6 18.3 16.0 14.1	15.7 15.9 16.0 14.1 12.2	17.7 17.9 17.3 14.9 12.8
6 7 8 9 10	7.9 6.1 7.0 7.2 6.1	5.3 3.7 4.6 3.9 5.2	6.4 5.0 5.6 5.2 5.7	12.6 11.6 11.6 14.3 13.3	11.3 8.2 6.5 9.2 8.4	11.9 9.4 9.0 11.3 10.4	19.5 14.2 10.9 10.3 10.0	12.6 9.6 9.9 8.4 8.7	15.5 11.1 10.6 9.5 9.2	15.9 19.4 21.7 22.1 22.4	12.7 14.3 16.7 17.2 17.7	14.3 16.5 18.7 19.2 19.7
11 12 13 14 15	8.2 9.6 9.4 7.8 8.2	4.4 5.2 3.5 4.4 6.9	6.2 6.9 6.2 6.4 7.4	10.6 14.3 16.0 14.6 10.5	6.5 5.6 8.9 10.5 8.8	8.2 9.4 12.0 12.7 9.7	10.5 15.0 16.2 18.1 17.8	9.2 10.1 11.2 11.5 12.6	9.8 12.2 13.6 14.1 15.1	20.8 	18.6 	19.7
16 17 18 19 20	6.9 3.4 7.0 6.4 8.1	2.4 1.2 3.0 2.9 5.2	4.8 2.6 3.9 4.5 6.7	11.4 12.9 14.8 13.7 11.7	9.3 11.4 12.3 11.6 8.2	10.3 12.1 13.4 12.7 9.5	19.3 18.6 14.0 12.8 15.4	13.7 13.7 12.1 11.2 11.0	16.0 15.7 12.7 12.0 12.8	 	 	
21 22 23 24 25	8.1 8.4 10.3 10.2 10.1	6.6 7.0 8.0 6.3 7.8	7.5 7.5 9.2 8.3 8.9	12.3 14.4 15.3 16.4 17.0	9.7 10.9 10.5 11.7 10.8	10.9 12.5 12.9 13.6 13.6	14.8 17.8 18.6 17.5 14.3	11.2 13.5 10.6 9.6 12.0	13.1 15.1 13.9 13.2 13.2	 	 	
26 27 28 29 30 31	8.4 6.0 5.8	6.0 3.5 4.0 	7.4 4.6 5.1 	18.3 18.3 19.6 16.8 12.0	12.5 13.0 12.3 15.4 10.4 8.9	14.9 15.0 14.9 17.0 12.7 10.5	16.4 17.1 18.2 19.3 19.8	13.6 14.0 13.2 14.2 14.5	14.7 15.4 15.5 16.4 16.6	 	 	
MONTH				19.6	5.6	11.4	19.8	8.4	13.7			