

02087304 SOUTHWEST PRONG BEAVERDAM CREEK AT RALEIGH, NC—Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: June 2002 to August 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, 29.5°C, Aug. 24, 2002; minimum recorded, 0.5°C, Jan. 24, 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 field, 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 (00600)	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)	Periphyton biomass ash weight, g/m2 (00572)	Periphyton biomass dry weight, g/m2 (00573)
OCT 10...	1000	9	0.32	760	8.8	94	6.8	135	18.5	11.0	4.6	0.19	<0.04	
DEC 19...	0930	9	1.8	761	9.7	83	6.6	141	8.3	11.8	7.7	0.14	E.04	
FEB 26...	1300	9	2.1	762	11.5	95	7.4	158	7.3	17.7	9.7	0.12	<0.04	
APR 14...	1115	9	2.2	762	10.4	101	7.2	135	14.0	10.3	8.1	0.18	E.03	
MAY 12...	1300	D	E1.2	--	8.2	--	7.3	126	21.4	--	--	--	--	
JUN 09...	1200	9	--	--	7.4	--	7.3	118	23.6	--	--	--	--	
JUN 30...	1100	9	--	--	--	--	--	--	--	--	--	--	--	
JUN 30...	1230	9	E1.1	760	7.6	91	6.9	137	24.3	10.6	8.6	0.22	<0.04	
AUG 26...	0845	9	E1.5	756	7.6	88	6.5	116	22.2	10.3	3.6	0.14	<0.04	
OCT 10...		0.42	<0.008	<0.02	0.02	0.030	0.60	0.6	<0.1	0.5	1.8	--	--	--
DEC 19...		0.61	<0.008	<0.02	0.05	0.021	0.75	0.9	<0.1	0.9	2.0	--	--	--
FEB 26...		0.78	<0.008	<0.02	<0.02	0.015	0.90	<0.1	<0.1	<0.1	1.9	--	--	--
APR 14...		0.64	E.004	E.01	<0.02	0.017	0.82	0.2	<0.1	0.2	2.3	--	--	--
MAY 12...		--	--	--	--	--	--	--	--	--	--	2.500	33	35.20
JUN 09...		--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 30...		--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 30...		0.67	E.004	E.01	<0.02	0.033	0.89	0.2	<0.1	0.2	2.1	--	--	--
AUG 26...		0.70	<0.008	E.01	0.03	0.026	0.84	0.2	<0.1	<0.1	2.0	--	--	--

02087304 SOUTHWEST PRONG BEAVERDAM CREEK AT RALEIGH, NC—Continued

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

Date	Biomass chlorophyll ratio, periphyton, number (70950)	Pheophytin a, periphyton, mg/m ² (62359)	E coli, modif. m-TEC, water, col/100 mL (90902)	Chlorophyll a periphyton, chromo-fluoro, mg/m ² (70957)	1-Naphthol, water, fltrd 0.7u GF ug/L (49295)	2,6-Diethyl-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)
OCT 10...	--	--	930	--	<0.09	<0.006	<0.1	<0.005	<0.006	<0.004	<0.004	<0.006	<0.006
DEC 19...	--	--	580	--	<0.09	<0.006	<0.1	<0.005	<0.006	<0.004	<0.004	<0.006	<0.006
FEB 26...	--	--	120	--	<0.09	<0.006	<0.1	<0.005	<0.006	<0.004	<0.004	<0.006	<0.006
APR 14...	--	--	67	--	<0.09	<0.006	<0.1	<0.005	<0.006	<0.004	<0.004	<0.006	<0.006
MAY 12...	654	2.5	--	3.8	--	--	--	--	--	--	--	--	--
JUN 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	520	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	<0.09	<0.006	<0.1	<0.005	E.004	<0.004	<0.004	<0.006	<0.006
AUG 26...	--	--	330	--	<0.09	<0.006	<0.1	<0.005	<0.006	<0.004	<0.004	<0.006	<0.006

Date	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)	Ben-flur-alin, water, fltrd 0.7u GF ug/L (82673)	Car-baryl, water, fltrd 0.7u GF ug/L (82680)	Chlor-pyri-fos oxon, water, fltrd, ug/L (61636)	Chlor-pyri-fos 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)
OCT 10...	<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
DEC 19...	<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
FEB 26...	<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
APR 14...	<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 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
30...	<0.004	0.018	<0.02	<0.050	<0.010	E.012	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004
AUG 26...	<0.004	<0.007	<0.02	<0.050	<0.010	E.006	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	E.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)
OCT 10...	--	<0.005	<0.08	<0.005	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	E.001	<0.005
DEC 19...	--	<0.005	<0.08	0.008	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	E.003	<0.005
FEB 26...	<0.04	<0.005	<0.08	0.007	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005	<0.005
APR 14...	<0.04	0.005	<0.08	0.012	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	0.006	<0.009
MAY 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
30...	<0.01	0.008	<0.08	0.013	<0.006	<0.03	<0.004	<0.031	<0.03	<0.03	<0.031	E.004	<0.005
AUG 26...	<0.01	0.009	<0.08	0.008	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	E.008	E.007

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

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)
OCT 10...	<0.007	<0.002	<0.003	--	<1	<0.003	<0.008	<0.027	<0.005	<0.006	<0.03	<0.006	0.067
DEC 19...	E.006	<0.002	<0.003	--	<1	<0.003	<0.008	<0.027	0.007	<0.006	<0.03	<0.006	0.034
FEB 26...	E.007	<0.002	<0.003	--	<1	<0.003	<0.008	<0.027	<0.005	<0.006	<0.03	<0.006	0.032
APR 14...	E.009	<0.002	<0.003	--	<1	<0.003	<0.008	<0.027	<0.005	<0.006	<0.03	<0.006	0.027
MAY 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
30...	E.006	<0.002	<0.003	<0.013	<1	<0.003	<0.008	<0.027	<0.005	<0.006	<0.03	<0.006	0.197
AUG 26...	E.024	<0.002	<0.003	<0.013	<1	<0.003	<0.008	<0.027	<0.005	<0.006	<0.03	<0.006	0.096

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)
OCT 10...	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06	<0.008	M	<0.005	<0.004	<0.005	<0.02	<0.07
DEC 19...	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06	<0.008	<0.01	<0.005	<0.004	E.004	<0.02	<0.07
FEB 26...	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06	<0.008	M	<0.005	<0.004	E.003	<0.02	<0.07
APR 14...	<0.006	<0.008	E.014	<0.10	<0.011	<0.06	<0.008	<0.01	<0.005	<0.004	0.016	<0.02	<0.07
MAY 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
30...	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06	<0.008	E.01	<0.005	<0.004	<0.008	<0.02	<0.07
AUG 26...	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06	<0.008	E.01	<0.005	<0.004	<0.005	<0.02	<0.07

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

Date	Terbu- fos, water, fltrd 0.7u GF (82675)	Ter- buthyl- azine, water, fltrd, ug/L (04022)	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 load, tons/d (80155)
OCT 10...	<0.02	<0.01	<0.009	<0.01	92	4	0.00
DEC 19...	<0.02	<0.01	<0.009	<0.01	83	4	0.02
FEB 26...	<0.02	<0.01	E.004	<0.01	60	2	0.01
APR 14...	<0.02	<0.01	<0.009	<0.01	78	3	0.02
MAY 12...	--	--	--	--	--	--	--
JUN 09...	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--
30...	<0.02	<0.01	<0.009	<0.01	87	5	--
AUG 26...	<0.02	<0.01	E.006	<0.01	100	1	--

Remark codes used in this table:

- < -- Less than
- E -- Estimated value
- M-- Presence verified, not quantified

Medium codes used in this table:

- 9 - Surface water
- D - Plant tissue

TEMPERATURE, WATER, DEGREES CELSIUS
JUNE TO SEPTEMBER 2002

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	27.1	22.1	24.7	27.8	24.2	26.0	21.8	20.6	21.1
2	---	---	---	27.8	23.1	25.5	27.7	23.6	25.7	21.9	20.0	20.7
3	---	---	---	28.0	23.5	25.8	27.4	22.8	25.3	23.5	19.4	21.4
4	---	---	---	28.8	23.9	26.3	27.4	23.0	25.3	25.1	20.8	22.8
5	---	---	---	28.8	23.4	25.9	27.9	23.1	25.7	24.5	21.6	22.9
6	---	---	---	27.3	23.7	25.4	26.3	23.4	24.9	---	---	---
7	---	---	---	26.8	21.7	24.4	24.9	20.9	22.9	---	---	---
8	---	---	---	26.0	21.8	24.1	24.2	19.4	22.0	---	---	---
9	---	---	---	27.4	22.6	25.1	24.0	19.1	21.8	---	---	---
10	---	---	---	28.1	24.0	26.0	24.4	19.4	22.2	---	---	---
11	---	---	---	25.3	21.6	23.1	25.7	20.1	23.2	---	---	---
12	---	---	---	23.1	20.6	21.8	26.3	21.3	24.1	---	---	---
13	---	---	---	24.7	20.3	22.4	26.7	22.5	24.8	---	---	---
14	---	---	---	24.3	22.5	23.3	26.5	22.4	24.4	---	---	---
15	---	---	---	25.8	22.4	23.8	26.8	23.3	24.6	---	---	---
16	---	---	---	27.5	22.7	25.1	26.0	23.3	24.3	---	---	---
17	---	---	---	27.7	23.0	25.4	27.0	23.1	24.8	---	---	---
18	---	---	---	28.6	23.5	25.8	27.8	23.5	25.0	---	---	---
19	---	---	---	27.9	23.9	25.9	26.6	22.9	24.4	---	---	---
20	---	---	---	27.2	23.8	25.0	27.2	22.7	24.9	---	---	---
21	---	---	---	27.1	22.7	24.7	26.4	23.4	25.0	---	---	---
22	---	---	---	28.3	23.2	25.3	27.2	23.3	25.3	---	---	---
23	---	---	---	25.8	23.3	24.3	28.3	24.0	26.2	---	---	---
24	---	---	---	27.3	23.3	24.9	29.5	24.5	25.9	---	---	---
25	---	---	---	25.6	23.4	24.3	27.4	23.4	25.5	---	---	---
26	---	---	---	25.7	23.2	24.2	25.6	22.7	23.6	21.7	20.3	20.9
27	---	---	---	27.7	23.5	25.2	23.0	21.6	22.4	25.6	21.2	22.8
28	25.9	22.8	24.2	28.1	23.4	25.7	22.3	21.2	21.8	23.5	22.1	22.9
29	26.3	22.2	24.2	29.1	24.6	26.9	21.3	20.7	21.0	23.4	20.5	21.9
30	26.8	22.5	24.7	29.3	24.8	27.1	21.0	20.1	20.7	22.2	19.2	20.7
31	---	---	---	28.3	24.6	26.6	21.0	20.6	20.8	---	---	---
MONTH	---	---	---	29.3	20.3	25.0	29.5	19.1	24.0	---	---	---

02087304 SOUTHWEST PRONG BEAVERDAM CREEK AT RALEIGH, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
OCTOBER 2002 TO AUGUST 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.6	20.2	21.7	12.7	10.7	11.9	8.9	6.3	7.4	13.8	10.6	12.7
2	24.2	20.4	22.3	11.9	10.4	11.2	8.1	5.2	6.7	11.8	10.2	11.0
3	24.8	21.2	23.0	12.2	10.5	11.4	9.1	6.2	7.8	11.2	9.3	10.7
4	25.0	21.6	23.3	13.4	11.6	12.4	6.2	3.4	5.0	9.3	6.7	8.0
5	25.4	22.3	23.8	13.2	12.3	12.7	5.7	2.7	4.3	8.0	5.4	6.7
6	23.3	20.7	22.1	14.2	12.3	13.3	6.9	5.5	6.2	8.4	6.5	7.4
7	23.8	20.9	22.2	12.4	10.9	11.6	6.4	4.2	5.5	6.5	4.2	5.4
8	21.5	18.7	19.5	12.4	9.6	11.2	7.6	4.6	6.2	8.3	5.3	6.7
9	20.5	18.1	19.1	13.9	10.6	12.4	7.4	6.4	7.0	10.3	7.4	8.8
10	21.1	18.3	19.4	16.4	13.2	14.9	7.2	6.0	6.6	10.4	7.7	9.3
11	22.0	20.0	21.2	18.3	16.2	17.3	7.5	5.3	6.8	7.7	5.6	6.6
12	21.9	20.6	21.1	17.6	14.8	16.8	9.7	7.3	8.5	5.8	3.8	4.9
13	21.0	19.9	20.5	14.8	12.5	14.0	8.6	7.1	8.0	6.4	3.7	5.1
14	20.6	17.1	18.7	13.2	11.1	12.3	10.0	8.4	9.1	6.9	4.4	5.7
15	17.1	15.8	16.3	13.6	11.2	12.6	8.9	7.1	8.1	6.4	4.2	5.4
16	17.8	16.7	17.3	15.2	13.4	14.2	10.3	7.2	8.7	5.4	3.2	4.2
17	17.2	15.2	16.2	14.3	12.0	13.5	8.7	6.8	7.7	5.4	3.4	4.3
18	15.9	13.7	14.9	12.0	10.3	11.2	8.4	6.5	7.4	3.7	1.8	2.7
19	16.1	13.0	14.6	11.7	8.9	10.4	10.1	8.0	8.8	3.8	1.5	2.6
20	17.7	14.6	16.1	12.4	9.7	11.2	13.4	10.1	12.0	6.5	2.7	4.5
21	18.3	15.5	16.9	12.9	11.0	12.0	10.1	8.0	8.9	5.6	4.6	4.9
22	15.8	14.6	15.3	12.9	10.1	11.8	9.8	7.0	8.5	5.5	3.1	4.3
23	16.4	13.8	15.2	10.4	8.6	9.6	9.4	7.4	8.6	4.4	1.0	2.9
24	15.7	14.9	15.3	11.3	8.4	9.9	8.5	8.1	8.3	2.2	0.5	1.2
25	15.6	15.1	15.4	11.9	9.2	10.6	8.4	6.2	7.6	3.7	0.8	2.1
26	16.8	14.9	15.8	11.4	9.2	10.5	7.4	5.6	6.4	5.1	2.2	3.5
27	16.6	15.4	16.0	10.7	8.8	10	6.8	4.7	5.8	4.3	2.0	3.2
28	17.1	16.1	16.5	8.8	6.7	7.7	6.7	4.2	5.6	3.9	1.0	2.4
29	16.1	13.7	14.5	8.0	5.5	6.9	8.2	5.0	6.6	6.9	3.7	5.5
30	13.7	11.9	12.9	10.6	7.7	9.2	9.1	5.7	7.4	6.9	4.4	5.8
31	13.3	12.2	12.8	---	---	---	11.0	7.3	8.9	5.8	4.5	5.2
MONTH	25.4	11.9	18.1	18.3	5.5	11.8	13.4	2.7	7.4	13.8	0.5	5.6
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.0	5.8	6.7	9.2	7.3	8.2	15.4	8.4	11.7	20.7	17.1	18.8
2	8.1	5.2	6.5	12.4	8.0	9.9	18.7	11.7	14.9	21.5	16.8	18.8
3	9.8	5.6	7.7	11.5	7.7	9.5	19.9	12.9	16.2	19.3	16.8	18.1
4	12.1	9.0	10.4	11.6	6.9	9.3	19.1	14.3	16.8	17.3	15.1	16.2
5	9.0	6.6	7.8	14.4	10.4	12.1	18.7	15.2	16.8	15.2	13.8	14.4
6	7.2	5.2	6.2	13.3	11.7	12.6	18.3	14.0	16.0	18.3	14.6	16.5
7	7.3	4.4	5.8	11.7	7.5	9.2	14.9	10.7	11.8	21.1	16.7	18.4
8	7.2	5.0	5.9	12.5	6.3	9.3	11.1	10.2	10.8	22.9	18.0	20.2
9	7.7	4.5	5.8	15.3	9.7	12.1	10.8	9.2	10.2	23.2	18.6	20.7
10	6.9	5.4	6.1	13.5	9.4	11.1	10.7	9.0	9.9	23.3	19.4	21.2
11	8.0	4.5	6.2	11.7	7.8	9.5	11.4	10.2	10.7	22.5	19.7	20.9
12	9.1	5.4	6.9	14.6	7.6	10.9	16.6	10.6	13.1	21.5	17.9	19.5
13	7.5	4.0	5.9	15.8	10.3	13.0	17.4	11.5	14.2	20.4	16.2	18.1
14	7.7	5.0	6.5	14.8	10.7	13.0	18.2	12.1	15.0	20.3	14.8	17.6
15	8.9	7.3	8.0	11.4	9.3	10.4	19.5	13.2	16.3	19.3	16.5	17.8
16	7.3	1.1	4.8	13.8	10.9	12.1	20.1	14.7	17.2	20.6	16.8	18.4
17	3.7	0.7	2.3	15.5	12.7	13.8	19.8	14.9	17.0	18.6	16.1	17.3
18	5.6	3.7	4.4	16.1	13.3	14.5	15.1	12.9	13.3	16.1	15.0	15.4
19	8.2	4.1	6.0	14.2	11.6	12.8	13.8	12.4	13.0	16.1	14.4	15.0
20	9.6	6.8	8.0	11.6	9.8	10.9	16.4	12.3	14.1	19.6	14.0	16.7
21	8.5	6.8	7.8	14.7	11.2	12.5	16.4	13.1	14.7	18.7	16.1	17.5
22	12.6	8.2	9.6	17.2	11.3	14.0	18.3	14.9	16.3	18.4	16.8	17.2
23	11.2	8.2	10.3	15.8	11.2	13.6	17.2	12.5	14.8	17.7	16.7	17.0
24	11.6	6.4	9.0	17.5	11.6	14.2	16.4	11.5	14.1	18.9	16.3	17.4
25	11.5	8.3	9.7	18.1	11.1	14.4	15.9	13.8	14.7	19.3	16.8	17.8
26	8.8	6.4	7.4	18.9	12.6	15.5	17.4	15.0	16.0	20.0	17.8	18.8
27	6.4	4.5	5.2	17.8	13.1	15.2	18.5	14.5	16.3	18.3	16.7	17.7
28	8.0	5.2	6.7	18.5	12.5	15.4	19.5	13.9	16.6	20.1	15.6	17.7
29	---	---	---	19.6	16.0	17.4	20.4	15.3	17.7	20.3	16.3	17.8
30	---	---	---	17.4	10.0	13.0	20.8	16.4	18.6	20.6	16.0	18.2
31	---	---	---	13.4	8.3	10.5	---	---	---	20.1	16.8	17.9
MONTH	12.6	0.7	6.9	19.6	6.3	12.3	20.8	8.4	14.6	23.3	13.8	17.9

02087304 SOUTHWEST PRONG BEAVERDAM CREEK AT RALEIGH, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
OCTOBER 2002 TO AUGUST 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	20.4	16.4	18.2	22.7	21.4	22.0	26.0	22.1	23.4	---	---	---
2	20.1	15.1	17.5	23.1	20.8	21.5	24.1	22.7	23.3	---	---	---
3	20.1	16.2	18.1	22.0	20.6	21.4	25.5	22.1	23.5	---	---	---
4	20.8	18.2	19.2	24.6	19.6	22.0	24.3	22.6	23.2	---	---	---
5	22.4	18.6	20.2	25.9	21.3	23.4	---	---	---	---	---	---
6	21.8	17.1	19.4	26.0	21.8	23.8	---	---	---	---	---	---
7	22.6	19.1	20.6	25.6	22.3	23.7	---	---	---	---	---	---
8	22.6	20.5	21.5	26.7	22.3	24.3	---	---	---	---	---	---
9	24.0	19.8	21.7	27.2	22.8	24.7	---	---	---	---	---	---
10	23.8	18.9	21.3	26.5	22.3	24.2	---	---	---	---	---	---
11	24.2	19.7	21.9	26.6	22.3	24.1	---	---	---	---	---	---
12	25.2	20.8	22.4	26.1	22.0	23.8	---	---	---	---	---	---
13	24.5	21.2	22.5	23.9	21.6	22.5	---	---	---	---	---	---
14	24.3	21.0	22.5	23.6	21.2	22.4	---	---	---	---	---	---
15	24.8	21.8	22.9	24.9	21.0	22.8	---	---	---	---	---	---
16	23.0	21.3	22.1	26.2	21.7	23.9	---	---	---	---	---	---
17	21.4	20.0	20.4	25.3	22.5	23.7	---	---	---	---	---	---
18	22.7	19.7	20.9	25.4	21.8	23.6	---	---	---	---	---	---
19	24.8	20.8	22.0	24.1	22.2	23.0	---	---	---	---	---	---
20	21.9	20.3	21.0	24.3	20.9	22.7	---	---	---	---	---	---
21	21.5	18.5	19.9	25.7	21.6	23.5	---	---	---	---	---	---
22	21.8	17.2	19.5	26.1	22.5	24.1	---	---	---	---	---	---
23	23.2	18.3	20.6	23.6	22.0	22.6	---	---	---	---	---	---
24	24.2	18.6	21.3	24.7	21.6	22.9	---	---	---	---	---	---
25	24.8	19.6	22.1	24.7	21.0	22.8	---	---	---	---	---	---
26	25.3	20.2	22.6	25.9	21.7	23.5	---	---	---	---	---	---
27	25.4	21.2	23.2	26.4	22.1	24.0	---	---	---	---	---	---
28	23.1	20.9	22.0	26.7	22.6	24.5	---	---	---	---	---	---
29	24.0	20.0	21.9	26.2	22.8	24.0	---	---	---	---	---	---
30	25.3	21.2	23.0	23.9	22.5	23.2	---	---	---	---	---	---
31	---	---	---	23.7	21.8	22.6	---	---	---	---	---	---
MONTH	25.4	15.1	21.1	27.2	19.6	23.3	---	---	---	---	---	---