

0208726370 RICHLANDS CREEK AT SCHENK FOREST NEAR CARY, NC—Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: August 2002 to September 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, 27.6°C, Aug. 19, 2002; minimum recorded, 0.3°C, Jan. 24, 25, 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 (71846)
OCT 11...	1030	9	--	752	8.1	93	6.5	35	21.4	2.33	2.9	1.1	0.15
DEC 23...	1200	9	E2.5	753	10.8	91	6.6	116	7.4	9.93	6.4	0.17	--
FEB 19...	1345	9	E11	759	12.4	102	7.1	415	6.6	102	8.1	0.38	0.08
APR 17...	1100	9	E2.8	750	--	--	7.1	118	15.9	10.0	5.0	0.15	--
MAY 12...	0915	D	E1.3	--	7.5	--	6.6	119	18.8	--	--	--	--
JUN 09...	0930	9	--	--	7.3	--	7.1	115	20.4	--	--	--	--
30...	0900	9	E1.8	756	6.4	74	6.7	121	21.8	10.2	4.6	0.20	--
AUG 27...	1000	9	E.95	752	6.4	77	6.3	123	23.6	9.97	4.0	0.14	--
Date	Ammonia water, fltrd, mg/L as N (00608)	Nitrate water, fltrd, mg/L (71851)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L (71856)	Nitrite water, fltrd, mg/L as N (00613)	Organic nitrogen, water, unfltrd mg/L (00605)	Orthophosphate, water, fltrd, mg/L (00660)	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 sediment total, mg/L (00694)
OCT 11...	0.12	1.16	0.26	0.27	0.026	0.008	1.0	0.527	0.17	0.28	0.61	1.4	4.3
DEC 23...	<0.04	--	--	0.34	--	<0.008	--	--	E.01	<0.02	0.028	0.50	0.2
FEB 19...	0.06	--	--	0.53	--	E.005	0.31	--	E.01	0.05	0.063	0.90	0.4
APR 17...	<0.04	--	--	0.40	--	<0.008	--	--	<0.02	<0.02	0.023	0.54	<0.1
MAY 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
30...	<0.04	--	--	0.46	--	<0.008	--	--	<0.02	<0.02	0.031	0.67	0.2
AUG 27...	<0.04	1.51	0.34	0.36	0.066	0.020	--	--	<0.02	<0.02	0.028	0.51	0.1

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

Date	Inorganic carbon, suspdnt sedimnt total, mg/L (00688)	Organic carbon, suspdnt 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)	Biomass chlorophyll ratio, periphyton, number (70950)	Pheophytin a, periphyton, mg/m2 (62359)	E coli, modif. m-TEC, water, col/100 mL (90902)	Chlorophyll a periphyton, chromo-fluoro, mg/m2 (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-Me-Ph)-propano] 1-ol, ug/L (61615)
OCT 11...	0.2	4.1	6.0	--	--	--	--	--	15,000	--	<0.09	<0.006	<0.1
DEC 23...	<0.1	0.2	2.6	--	--	--	--	--	64	--	<0.09	<0.006	<0.1
FEB 19...	<0.1	0.4	3.5	--	--	--	--	--	100	--	<0.09	<0.006	<0.1
APR 17...	<0.1	<0.1	2.6	--	--	--	--	--	150	--	<0.09	<0.006	<0.1
MAY 12...	--	--	--	3.100	51	53.90	692	2.9	--	4.5	--	--	--
JUN 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 30...	<0.1	0.2	2.7	--	--	--	--	--	670	--	<0.09	<0.006	<0.1
AUG 27...	<0.1	<0.1	2.4	--	--	--	--	--	93	--	<0.09	<0.006	<0.1

Date	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)	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)
OCT 11...	<0.005	<0.006	<0.004	<0.004	<0.006	<0.006	<0.004	<0.007	<0.02	<0.050	<0.010	E.238	<0.06
DEC 23...	<0.005	E.002	<0.004	<0.004	<0.006	<0.006	<0.004	E.003	<0.02	<0.050	<0.010	E.006	<0.06
FEB 19...	<0.005	<0.006	<0.004	<0.004	<0.006	<0.006	<0.004	<0.007	<0.02	<0.050	<0.010	E.003	<0.06
APR 17...	<0.005	<0.006	<0.004	<0.004	<0.006	<0.006	<0.004	E.004	<0.02	<0.050	<0.010	<0.041	<0.06
MAY 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 30...	<0.005	<0.006	<0.004	<0.004	<0.006	<0.006	<0.004	0.007	<0.02	<0.050	<0.010	E.010	<0.06
AUG 27...	<0.005	E.004	<0.004	<0.004	<0.006	<0.006	<0.004	0.008	<0.02	<0.050	<0.010	E.005	<0.06

Date	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 fipron-il, 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)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)
OCT 11...	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004	--	0.046	<0.08	<0.005	<0.006	<0.03	<0.004
DEC 23...	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004	--	0.008	<0.08	<0.005	<0.006	<0.03	<0.004
FEB 19...	E.003	<0.006	<0.008	<0.009	<0.003	<0.004	<0.04	E.005	<0.08	<0.005	<0.006	<0.03	<0.004
APR 17...	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004	<0.04	<0.005	<0.08	<0.005	<0.006	<0.03	<0.004
MAY 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 30...	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004	<0.01	<0.007	<0.08	<0.005	<0.006	<0.03	<0.004
AUG 27...	<0.005	<0.006	<0.008	<0.009	<0.003	E.003	<0.01	<0.005	<0.08	<0.005	<0.006	<0.03	<0.004

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

Date	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)	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)
OCT 11...	<0.008	<0.03	<0.03	<0.009	E.004	<0.005	<0.007	<0.002	<0.003	--	<1	<0.003	<0.008
DEC 23...	<0.008	<0.03	<0.03	<0.009	<0.005	<0.005	<0.007	<0.002	<0.003	--	<1	<0.003	<0.008
FEB 19...	<0.008	<0.03	<0.03	<0.009	<0.005	<0.005	<0.007	<0.002	<0.003	--	<1	<0.003	<0.008
APR 17...	<0.008	<0.03	<0.03	<0.009	<0.005	<0.005	E.008	<0.002	<0.003	--	<1	<0.003	<0.008
MAY 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
30...	<0.031	<0.03	<0.03	<0.031	<0.005	<0.005	E.009	<0.002	<0.003	<0.013	<1	<0.003	<0.008
AUG 27...	<0.008	<0.03	<0.03	<0.009	E.005	0.006	E.008	<0.002	<0.003	<0.013	<1	<0.003	<0.008
Date	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)	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)
OCT 11...	<0.027	<0.005	<0.006	<0.03	<0.006	0.053	<0.006	<0.008	0.091	<0.10	<0.011	<0.06	<0.008
DEC 23...	<0.027	E.004	<0.006	<0.03	<0.006	E.012	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06	<0.008
FEB 19...	<0.027	0.011	<0.006	<0.03	<0.006	E.013	<0.006	<0.008	E.013	<0.10	<0.011	<0.06	<0.008
APR 17...	<0.027	<0.005	<0.006	<0.03	<0.006	0.021	<0.006	<0.008	0.033	<0.10	<0.011	<0.06	<0.008
MAY 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
30...	<0.027	<0.005	<0.006	<0.03	<0.006	0.479	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06	<0.008
AUG 27...	<0.027	E.004	<0.006	<0.03	<0.006	E.007	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06	<0.008

0208726370 RICHLANDS CREEK AT SCHENK FOREST NEAR CARY, NC—Continued

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

Date	Prometon, water, fltrd, ug/L (04037)	Prometryn, water, fltrd, ug/L (04036)	Pronamide, water, fltrd, 0.7u GF ug/L (82676)	Simazine, water, fltrd, ug/L (04035)	Tebu-thiuron water fltrd, 0.7u GF ug/L (82670)	Terbufos oxon sulfone water, fltrd, ug/L (61674)	Terbufos, water, fltrd, 0.7u GF ug/L (82675)	Terbuthylazine, water, fltrd, ug/L (04022)	Tri-fluralin, water, fltrd, 0.7u GF ug/L (82661)	Di-chlorvos, water, fltrd, ug/L (38775)	Suspnd. sedi-ment, sieve diametr percent <.063mm (70331)	Sus-pended sedi-ment concen-tration mg/L (80154)
OCT 11...	0.07	<0.005	<0.004	<0.005	<0.02	<0.07	<0.02	<0.01	E.004	<0.01	99	629
DEC 23...	0.04	<0.005	<0.004	0.006	<0.02	<0.07	<0.02	<0.01	E.006	<0.01	80	4
FEB 19...	0.03	<0.005	<0.004	0.006	<0.02	<0.07	<0.02	<0.01	E.004	<0.01	91	7
APR 17...	E.01	<0.005	<0.004	0.217	<0.02	<0.07	<0.02	<0.01	<0.009	<0.01	87	5
MAY 12...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 09...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 30...	0.02	<0.005	<0.004	0.017	<0.02	<0.07	<0.02	<0.01	<0.009	<0.01	90	10
AUG 27...	0.02	<0.005	<0.004	0.007	<0.02	<0.07	<0.02	<0.01	<0.009	<0.01	83	6

Remark codes used in this table:

- < -- Less than
- E -- Estimated value

Medium codes used in this table:

- 9 - Surface water
- D - Plant tissue

TEMPERATURE, WATER, DEGREES CELSIUS
AUGUST TO SEPTEMBER 2002

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	22.3	21.3	21.7
2	---	---	---	---	---	---	---	---	---	21.8	20.9	21.3
3	---	---	---	---	---	---	26.0	23.6	24.8	22.9	20.2	21.5
4	---	---	---	---	---	---	26.0	23.7	24.9	24.2	22.0	23.1
5	---	---	---	---	---	---	26.1	23.8	25.0	24.2	22.5	23.4
6	---	---	---	---	---	---	25.4	24.1	24.8	22.6	20.9	21.9
7	---	---	---	---	---	---	24.1	22.0	22.9	22.2	20.6	21.4
8	---	---	---	---	---	---	22.5	20.3	21.5	22.1	20.2	21.2
9	---	---	---	---	---	---	22.4	19.8	21.1	22.4	21.1	21.7
10	---	---	---	---	---	---	22.6	19.8	21.2	23.2	21.4	22.2
11	---	---	---	---	---	---	23.5	20.6	22.0	23.3	21.4	22.3
12	---	---	---	---	---	---	24.5	21.8	23.1	22.2	20.0	20.9
13	---	---	---	---	---	---	25.3	23.0	24.1	21.2	18.8	20.1
14	---	---	---	---	---	---	24.8	23.1	24.0	22.5	20.5	21.2
15	---	---	---	---	---	---	26.4	23.8	24.6	22.8	21.8	22.2
16	---	---	---	---	---	---	25.8	24.8	25.3	24.2	22.1	23.2
17	---	---	---	---	---	---	26.1	24.7	25.4	23.4	22.1	22.8
18	---	---	---	---	---	---	26.7	24.9	25.7	23.0	22.2	22.6
19	---	---	---	---	---	---	27.6	24.7	25.7	22.8	21.8	22.4
20	---	---	---	---	---	---	26.0	24.2	25.2	23.0	21.4	22.2
21	---	---	---	---	---	---	26.3	24.7	25.5	23.0	21.3	22.2
22	---	---	---	---	---	---	26.2	24.5	25.3	23.2	21.4	22.2
23	---	---	---	---	---	---	27.0	24.8	25.8	22.1	21.0	21.6
24	---	---	---	---	---	---	27.0	25.0	25.9	21.5	20.3	20.9
25	---	---	---	---	---	---	26.4	24.4	25.4	20.7	19.8	20.3
26	---	---	---	---	---	---	25.3	23.7	24.3	20.6	19.8	20.1
27	---	---	---	---	---	---	23.7	22.6	23.2	23.6	20.6	21.9
28	---	---	---	---	---	---	23.3	22.3	22.7	23.2	21.5	22.3
29	---	---	---	---	---	---	22.3	21.7	21.9	21.5	20.3	20.9
30	---	---	---	---	---	---	22.5	20.9	21.9	20.4	19.0	19.8
31	---	---	---	---	---	---	22.0	21.4	21.7	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	24.2	18.8	21.7

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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	21.2	19.6	20.4	11.8	10.0	11.1	8.2	5.5	6.5	13.8	10.3	12.5
2	21.9	20.0	20.9	11.2	9.6	10.4	6.8	4.0	5.4	11.5	10.0	10.7
3	22.6	20.9	21.7	11.0	9.6	10.3	7.5	5.8	6.6	11.0	9.3	10.5
4	22.8	21.1	21.9	12.3	10.7	11.4	5.8	2.7	4.2	9.3	6.6	7.9
5	23.3	22.0	22.5	12.3	11.6	11.9	4.7	1.7	3.4	7.7	5.1	6.4
6	22.5	20.6	21.3	13.4	11.6	12.6	5.8	4.4	5.0	8.1	6.2	7.0
7	21.9	20.4	21.1	11.6	10.1	10.8	5.7	3.1	4.4	6.5	4.2	5.2
8	21.1	18.4	19.5	11.5	9.0	10.3	6.5	3.6	5.0	7.7	5.0	6.2
9	18.9	17.9	18.4	13.0	10.5	11.7	6.3	5.4	5.8	9.9	7.0	8.3
10	19.6	17.7	18.4	15.4	12.7	13.9	6.0	4.9	5.4	9.9	7.5	9.0
11	21.1	19.4	20.5	18.1	15.4	16.8	6.3	4.5	5.8	7.5	5.2	6.2
12	21.0	20.0	20.4	16.9	14.1	16.2	8.6	6.2	7.3	5.2	3.4	4.4
13	20.4	19.4	19.9	14.1	11.8	13.3	7.4	6.1	6.8	5.7	3.1	4.4
14	20.1	17.0	18.2	12.6	10.2	11.4	8.8	7.1	7.7	6.3	3.7	5.1
15	17.0	15.5	16.0	12.9	10.3	11.6	7.9	5.7	6.8	5.9	3.7	4.8
16	17.2	16.3	16.8	14.4	12.6	13.4	9.3	5.8	7.5	4.6	2.5	3.6
17	16.4	14.6	15.5	13.4	11.3	12.7	8.0	6.0	7.0	5.1	3.1	4.0
18	15.4	13.2	14.1	11.4	9.6	10.5	8.1	6.1	7.0	3.3	1.2	2.3
19	14.8	12.8	13.9	11.2	8.1	9.6	9.9	7.6	8.4	3.1	0.9	2.0
20	16.4	14.5	15.3	11.4	8.7	10.1	13.8	9.9	12.0	5.8	2.0	3.7
21	17.7	15.2	16.5	11.7	9.8	10.8	9.9	7.8	8.7	4.9	3.8	4.2
22	15.2	13.9	14.7	11.7	9.5	10.9	9.8	6.9	8.3	4.7	2.2	3.6
23	15.5	13.3	14.4	9.5	7.7	8.7	9.2	7.3	8.3	3.9	0.5	2.3
24	15.3	14.3	14.7	10.3	7.5	8.9	8.5	7.8	8.0	1.7	0.3	0.8
25	14.9	14.4	14.7	10.8	8.0	9.5	8.3	6.3	7.6	2.8	0.3	1.5
26	15.5	14.2	14.8	10.3	8.1	9.3	7.3	5.4	6.2	4.2	1.5	2.7
27	15.5	14.7	15.1	9.4	7.9	8.9	6.6	4.3	5.4	3.3	1.5	2.5
28	16.6	15.3	15.8	7.9	5.7	6.6	6.4	3.7	5.1	3.2	0.5	1.8
29	15.5	13.0	14.0	6.7	4.3	5.6	7.8	4.6	6.1	5.9	3.1	4.5
30	13.3	11.4	12.5	9.0	6.6	7.8	8.4	5.2	6.8	6.3	4.0	5.4
31	12.8	11.6	12.2	---	---	---	10.4	7.0	8.5	5.2	4.2	4.7
MONTH	23.3	11.4	17.3	18.1	4.3	10.9	13.8	1.7	6.7	13.8	0.3	5.1
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.4	5.2	6.1	8.3	6.6	7.4	14.1	8.2	11.0	---	---	---
2	7.2	4.6	5.9	11.3	7.4	9.0	17.6	11.3	14.2	---	---	---
3	9.4	5.1	7.2	10.9	6.9	8.7	18.8	13.0	15.9	---	---	---
4	12.4	8.8	10.3	10.8	6.2	8.5	18.4	14.4	16.5	---	---	---
5	8.8	6.2	7.6	13.4	9.7	11.3	17.9	15.3	16.6	---	---	---
6	7.0	4.9	5.9	12.6	11.4	11.9	17.4	13.8	15.7	---	---	---
7	7.1	4.2	5.7	11.4	7.2	8.8	15.6	10.2	12.0	---	---	---
8	7.2	4.3	5.6	11.8	5.7	8.5	11.0	9.8	10.6	---	---	---
9	7.4	4.1	5.5	14.6	9.1	11.4	10.4	8.9	9.8	---	---	---
10	6.6	5.3	5.8	12.7	8.9	10.6	10.0	8.4	9.3	---	---	---
11	8.1	4.2	6.0	10.6	7.4	8.9	10.7	9.6	10.0	---	---	---
12	9.1	5.2	6.8	13.4	6.8	9.9	15.8	9.7	12.2	---	---	---
13	7.4	3.7	5.6	14.8	10.1	12.4	16.5	10.8	13.5	---	---	---
14	7.0	4.6	5.9	14.3	11.1	12.9	17.4	11.8	14.4	---	---	---
15	8.4	7.0	7.7	11.1	9.1	10.1	18.6	13.2	15.8	---	---	---
16	7.2	2.0	4.9	12.9	10.4	11.5	19.2	14.8	16.9	---	---	---
17	3.4	0.8	2.2	14.2	11.8	12.8	---	---	---	---	---	---
18	5.7	3.4	4.3	15.2	12.7	13.8	---	---	---	---	---	---
19	7.8	3.8	5.7	13.9	11.3	12.4	---	---	---	---	---	---
20	9.1	6.4	7.6	11.3	9.5	10.4	---	---	---	---	---	---
21	8.2	6.5	7.5	13.6	10.6	11.8	---	---	---	---	---	---
22	12.1	8.0	9.4	16.2	10.6	13.2	---	---	---	---	---	---
23	11.3	8.1	10.2	15.3	10.6	13.1	---	---	---	---	---	---
24	11.2	6.2	8.6	16.6	11.0	13.6	---	---	---	---	---	---
25	10.9	8.1	9.4	17.2	10.8	13.9	---	---	---	---	---	---
26	8.7	6.0	7.0	18.1	12.6	15.2	---	---	---	---	---	---
27	6.0	3.7	4.8	17.2	13.2	15.2	---	---	---	---	---	---
28	7.1	4.7	6.0	17.5	12.6	15.1	---	---	---	---	---	---
29	---	---	---	19.3	15.8	17.2	---	---	---	---	---	---
30	---	---	---	17.8	10.2	13.1	---	---	---	---	---	---
31	---	---	---	12.7	8.2	10.3	---	---	---	---	---	---
MONTH	12.4	0.8	6.6	19.3	5.7	11.7	---	---	---	---	---	---

0208726370 RICHLANDS CREEK AT SCHENK FOREST NEAR CARY, NC—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	22.7	21.8	22.1	---	---	---	24.6	22.8	23.9
2	---	---	---	22.9	20.8	21.5	---	---	---	24.7	23.4	24.2
3	---	---	---	21.9	20.8	21.2	---	---	---	24.8	23.6	24.3
4	20.6	18.2	19.2	23.4	19.8	21.4	---	---	---	25.1	22.4	23.9
5	20.8	19.0	19.9	24.2	21.5	22.8	---	---	---	23.6	20.7	22.6
6	20.2	17.5	19.0	23.8	21.9	23.0	24.4	22.4	23.6	20.9	19.5	20.4
7	23.0	19.2	20.8	23.0	21.5	22.3	23.7	22.7	23.3	21.1	19.5	20.6
8	22.6	20.8	21.6	23.4	21.5	22.5	24.8	22.7	23.6	20.8	19.8	20.3
9	22.9	20.2	21.5	23.6	21.8	22.8	24.5	22.6	23.6	21.5	19.8	20.7
10	22.4	19.3	21.0	23.1	21.4	22.4	24.0	22.4	23.1	20.1	18.1	19.5
11	22.7	20.0	21.4	23.0	21.1	22.1	24.3	22.4	23.3	19.7	18.0	19.3
12	22.8	21.2	22.0	22.3	20.8	21.6	24.4	22.5	23.6	19.6	19.0	19.3
13	23.1	21.3	22.1	21.7	20.3	20.8	24.4	23.0	23.8	19.9	19.0	19.6
14	23.3	21.5	22.5	20.9	19.5	20.3	24.9	23.1	24.0	21.1	19.8	20.6
15	24.7	22.0	22.9	21.2	19.5	20.4	24.6	23.0	23.9	21.5	20.1	21.0
16	23.6	21.9	22.7	22.3	19.9	21.0	24.3	23.0	23.6	21.2	18.2	20.3
17	21.9	20.5	20.8	22.0	20.5	21.1	24.2	22.9	23.7	19.7	18.1	19.2
18	22.2	20.1	20.9	21.8	20.0	20.9	24.2	22.4	23.3	19.4	18.7	19.1
19	22.9	21.2	21.9	21.8	20.2	20.7	23.9	22.3	23.1	21.9	18.9	20.3
20	22.2	20.4	21.3	21.1	19.3	20.3	23.9	22.4	23.4	21.6	18.8	20.4
21	21.0	18.8	20.0	21.5	20.0	20.8	24.0	22.3	23.4	21.7	19.2	20.9
22	20.8	17.5	19.2	21.9	20.6	21.2	24.1	22.5	23.4	23.0	20.9	21.8
23	21.8	18.6	20.2	21.2	19.9	20.2	24.3	22.5	23.7	22.6	18.8	21.2
24	22.3	18.9	20.7	20.6	19.4	20.0	23.8	21.9	23.1	20.9	18.2	19.7
25	22.8	19.9	21.5	20.5	18.9	19.8	23.6	21.8	23.1	20.8	18.1	19.6
26	23.3	20.6	22.1	20.8	19.4	20.1	24.3	22.8	23.9	20.7	18.5	19.8
27	23.4	21.4	22.6	21.2	19.7	20.5	25.0	23.4	24.6	20.8	18.6	20.1
28	23.1	21.4	21.9	21.5	20.1	20.8	25.4	24.2	25.0	20.8	17.1	19.6
29	22.9	20.3	21.6	---	---	---	25.7	24.3	25.2	17.8	14.7	16.7
30	23.8	21.3	22.4	---	---	---	25.8	24.4	25.1	16.3	14.4	15.5
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	25.1	14.4	20.5