WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: July 2002 to October 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, 30.8°C, Aug. 23, 2002; minimum recorded, 0.0°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)	Specif. conductance, wat unf 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)
FEB													
19...	1000	9	18	759	12.3	93	7.1	98	3.6	12.3	6.1	0.27	<0.04
MAY													
19...	1445	D	E24	--	8.9	--	--	77	14.7	--	--	--	--
JUN													
12...	1200	9	--	--	7.8	--	--	88	21.9	--	--	--	--
JUL													
07...	1030	9	E5.8	749	7.4	87	6.9	117	22.3	7.47	3.0	0.23	<0.04
08...	0915	9	--	--	--	--	--	--	--	--	--	--	--

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)
FEB													
19...	0.67	<0.008	<0.02	0.06	0.030	0.94	0.3	<0.1	0.3	3.9	--	--	--
MAY													
19...	--	--	--	--	--	--	--	--	--	--	6.900	64	70.80
JUN													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
07...	1.24	<0.008	<0.02	0.05	0.033	1.5	0.5	<0.1	0.5	3.0	--	--	--
08...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	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, chromofluoro, mg/m2 (70957)	1-Naphthol, water, fltrd 0.7u GF ug/L (49295)	2,6-Diethylaniline 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 acetanilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	2-Ethyl-6-methylaniline water, fltrd, ug/L (61620)	3,4-Dichloroaniline water fltrd, ug/L (61625)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	Acetochlor, water, fltrd, ug/L (49260)
FEB													
19...	--	--	200	--	<0.09	<0.006	<0.1	<0.005	E.006	<0.004	<0.004	<0.006	<0.006
MAY													
19...	262	12	--	26.3	--	--	--	--	--	--	--	--	--
JUN													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
08...	--	--	170	--	--	--	--	--	--	--	--	--	--

0208501535 STROUDS CREEK AT ST. MARYS ROAD NEAR HILLSBOROUGH, 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)	Azinphos-methyl oxon, water, fltrd, ug/L (61635)	Azinphos-methyl, water, fltrd 0.7u GF ug/L (82686)	Benfluralin, water, fltrd 0.7u GF ug/L (82673)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Chlorpyrifos oxon, water, fltrd, ug/L (61636)	Chlorpyrifos water, fltrd, ug/L (38933)	cis-Permethrin water fltrd 0.7u GF ug/L (82687)	Cyfluthrin, water, fltrd, ug/L (61585)	Cypermethrin water, fltrd, ug/L (61586)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulfinyl fipronil, water, fltrd, ug/L (62170)
FEB													
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
MAY													
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
08...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	Diazinon oxon, water, fltrd, ug/L (61638)	Diazinon, water, fltrd, ug/L (39572)	Dicrotophos, water fltrd, ug/L (38454)	Dieldrin, water, fltrd, ug/L (39381)	Dimethoate, water, fltrd 0.7u GF ug/L (82662)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Fenamiphos sulfone water, fltrd, ug/L (61645)	Fenamiphos sulfoxide, water, fltrd, ug/L (61646)	Fenamiphos, water, fltrd, ug/L (61591)	Desulfinyl-fipronil amide, wat flt ug/L (62169)	Fipronil sulfide water, fltrd, ug/L (62167)	Fipronil sulfone water, fltrd, ug/L (62168)
FEB													
19...	<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													
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
08...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	Fipronil, water, fltrd, ug/L (62166)	Fonofos oxon, water, fltrd, ug/L (61649)	Fonofos water, fltrd, ug/L (04095)	Iprodione, water, fltrd, ug/L (61593)	Isofenphos, water, fltrd, ug/L (61594)	Malaoxon, water, fltrd, ug/L (61652)	Malathion, water, fltrd, ug/L (39532)	Metalaxyl, water, fltrd, ug/L (61596)	Methialthion water, fltrd, ug/L (61598)	Methyl paraoxon, water, fltrd, ug/L (61664)	Methyl parathion, water, fltrd 0.7u GF ug/L (82667)	Metolachlor, water, fltrd, ug/L (39415)	Metribuzin, water, fltrd, ug/L (82630)
FEB													
19...	<0.007	<0.002	<0.003	<1	<0.003	<0.008	<0.027	<0.005	<0.006	<0.03	<0.006	<0.013	<0.006
MAY													
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
08...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	Myclobutanil water, fltrd, ug/L (61599)	Pendimethalin, 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)	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)	Tebuthiuron 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)
FEB													
19...	<0.008	<0.022	<0.10	<0.011	<0.06	<0.008	<0.01	<0.005	<0.004	<0.005	<0.02	<0.07	<0.02
MAY													
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
08...	--	--	--	--	--	--	--	--	--	--	--	--	--

0208501535 STROUDS CREEK AT ST. MARYS ROAD NEAR HILLSBOROUGH, NC—Continued

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

Date	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)	Sus-pended sedi-ment concen-tration mg/L (80154)	Sus-pended sedi-ment load, tons/d (80155)
FEB						
19...	<0.01	<0.009	<0.01	95	5	0.24
MAY						
19...	--	--	--	--	--	--
JUN						
12...	--	--	--	--	--	--
JUL						
07...	--	--	--	93	5	--
08...	--	--	--	--	--	--

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
JULY TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	28.8	22.2	25.4	20.3	19.5	19.9
2	---	---	---	---	---	---	28.1	22.0	24.8	20.5	19.5	19.9
3	---	---	---	---	---	---	28.4	21.1	24.5	22.3	18.6	20.5
4	---	---	---	---	---	---	28.6	20.4	24.4	24.3	20.2	22.1
5	---	---	---	---	---	---	28.8	20.8	24.7	24.1	20.4	22.1
6	---	---	---	---	---	---	27.5	21.5	24.3	23.2	18.5	20.7
7	---	---	---	---	---	---	24.6	17.2	21.0	22.7	18.2	20.3
8	---	---	---	---	---	---	24.8	15.4	19.9	22.3	17.4	19.8
9	---	---	---	---	---	---	24.0	15.4	19.5	22.0	18.0	20.0
10	---	---	---	---	---	---	25.4	15.2	20.1	23.8	19.6	21.4
11	---	---	---	---	---	---	27.4	16.7	21.7	23.5	18.6	21.1
12	---	---	---	---	---	---	28.6	19.0	23.6	21.2	16.5	19.0
13	---	---	---	25.0	19.5	22.3	29.0	20.4	24.6	21.8	15.3	18.7
14	---	---	---	25.5	22.5	23.6	27.2	19.6	23.3	21.5	18.9	20.2
15	---	---	---	26.3	22.4	24.0	27.6	22.6	24.1	22.1	20.3	21.0
16	---	---	---	27.1	21.8	24.4	27.3	22.0	24.2	22.9	20.7	21.5
17	---	---	---	27.2	21.7	24.6	29.3	21.8	24.7	23.4	19.9	21.6
18	---	---	---	27.8	22.6	25.3	28.9	22.0	24.7	22.4	20.4	21.4
19	---	---	---	27.9	22.8	25.5	29.3	21.5	25.0	23.3	20.8	21.9
20	---	---	---	26.6	22.1	24.1	28.9	21.4	25.0	23.6	19.8	21.6
21	---	---	---	27.4	20.8	24.0	28.6	21.3	24.8	23.7	19.2	21.6
22	---	---	---	27.6	21.4	24.2	29.0	22.6	25.5	24.4	20.1	22.1
23	---	---	---	27.3	22.2	24.1	30.8	22.2	26.2	22.3	20.0	21.3
24	---	---	---	26.1	22.5	24.1	30.7	22.6	25.7	21.0	17.6	19.5
25	---	---	---	25.3	23.7	24.5	28.6	21.2	24.5	20.2	17.9	19.2
26	---	---	---	26.3	23.2	24.6	23.4	21.4	22.4	19.6	18.4	19.1
27	---	---	---	28.0	23.6	25.2	21.7	20.5	21.0	23.5	19.6	21.5
28	---	---	---	28.5	22.5	25.5	20.7	20.0	20.3	21.9	19.7	21.0
29	---	---	---	28.8	23.9	26.3	20.7	19.3	19.9	21.1	17.6	19.4
30	---	---	---	29.0	23.4	26.2	20.0	19.2	19.7	20.4	15.8	18.4
31	---	---	---	28.3	23.2	25.6	19.9	19.5	19.7	---	---	---
MONTH	---	---	---	---	---	---	30.8	15.2	23.2	24.4	15.3	20.6

0208501535 STROUDS CREEK AT ST. MARYS ROAD NEAR HILLSBOROUGH, 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
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	22.2	18.1	20.0	10.6	9.2	10.0	7.1	4.9	6.1	11.4	8.4	10.1
2	23.3	18.2	20.7	9.8	8.4	9.2	5.6	3.9	4.9	9.9	8.5	9.1
3	23.7	18.9	21.2	10.3	8.8	9.5	6.8	4.8	5.6	9.3	7.9	9.0
4	23.9	19.1	21.6	11.5	9.8	10.7	5.1	2.1	3.8	7.9	5.8	6.7
5	24.8	20.4	22.4	11.3	11.1	11.2	3.3	0.9	2.0	5.8	4.3	5.1
6	22.1	18.0	20.0	12.1	10.8	11.4	4.9	3.3	4.1	6.0	4.8	5.4
7	23.4	17.9	20.0	10.8	9.6	10.3	4.7	2.6	3.7	5.1	3.3	4.0
8	18.9	16.2	17.1	10.5	8.5	9.7	5.5	3.0	4.2	5.9	3.9	4.8
9	17.9	15.2	16.4	11.9	9.6	10.8	5.6	4.7	5.2	8.0	5.6	6.8
10	17.8	14.9	16.5	14.4	11.9	13.1	5.3	4.4	4.8	8.2	6.6	7.6
11	19.1	17.8	18.7	16.0	14.4	15.4	5.5	5.0	5.3	6.6	4.4	5.3
12	20.2	18.8	19.4	15.8	13.8	15.1	7.4	5.4	6.3	4.4	3.0	3.7
13	19.7	18.9	19.2	13.8	11.6	13.0	6.8	5.7	6.1	3.7	2.1	3.1
14	19.0	16.0	17.4	11.6	9.8	10.8	7.8	5.9	6.8	4.6	2.6	3.6
15	16.0	14.4	14.9	11.8	9.8	10.9	7.0	5.4	6.4	4.8	3.2	4.0
16	15.9	14.5	15.2	12.4	11.8	12.1	7.5	5.8	6.6	3.3	2.3	2.9
17	15.5	14.0	14.7	12.3	10.6	11.7	7.0	5.5	6.1	4.0	2.4	3.1
18	14.4	12.4	13.4	10.6	9.1	9.8	6.9	5.5	6.1	2.8	1.0	1.8
19	14.2	12.1	13.2	9.8	7.7	8.9	8.0	6.8	7.2	2.3	0.4	1.4
20	15.2	13.5	14.3	10.0	8.1	9.1	11.1	8.0	9.8	3.7	1.3	2.6
21	15.1	13.9	14.7	10.7	9.2	9.9	9.2	6.7	7.5	3.5	3.0	3.3
22	14.1	13.4	13.7	10.5	9.0	9.9	7.4	5.6	6.6	3.8	1.8	2.8
23	14.0	12.4	13.3	9.0	7.4	8.2	7.4	6.0	6.8	3.1	0.5	1.8
24	13.7	13.1	13.4	8.8	6.9	8.0	6.9	6.5	6.7	1.8	0.0	0.6
25	13.3	12.9	13.0	9.4	7.4	8.6	6.5	5.1	6.0	2.4	0.0	1.2
26	14.4	12.5	13.5	9.1	7.7	8.6	5.7	4.4	5.1	2.6	0.9	1.8
27	14.3	13.1	13.8	8.7	7.2	8.2	5.1	3.4	4.4	2.8	1.2	1.9
28	14.4	13.8	14.1	7.2	5.3	6.3	4.9	3.0	4.1	2.3	0.3	1.4
29	13.8	12.2	13.0	5.9	4.1	5.1	5.9	3.9	5.0	4.3	2.3	3.2
30	12.2	11.2	11.7	7.6	5.7	6.8	6.3	4.5	5.5	4.4	2.5	4.0
31	11.3	10.2	10.8	---	---	---	8.4	5.7	6.9	3.8	2.5	3.2
MONTH	24.8	10.2	16.2	16.0	4.1	10.1	11.1	0.9	5.7	11.4	0.0	4.0
	FEBRUARY			MARCH			APRIL			MAY		
1	5.6	3.8	4.6	7.7	5.6	6.5	13.6	8.6	11.0	19.6	17.5	18.6
2	5.9	3.8	4.9	10.1	7.2	8.4	16.6	11.2	14.0	20.2	17.3	18.8
3	7.5	4.5	6.0	10.1	7.2	8.7	17.8	13.2	15.8	19.5	17.7	18.5
4	10.2	7.5	8.9	10.5	6.5	8.6	17.7	14.7	16.5	17.7	15.3	16.3
5	8.4	5.8	7.0	13.2	9.7	11.3	17.2	15.6	16.3	15.3	13.7	14.1
6	6.7	4.9	5.9	12.8	11.6	12.2	17.0	13.9	15.6	16.0	13.7	14.7
7	6.1	4.3	5.2	11.8	7.6	9.3	16.0	9.9	11.8	18.8	15.6	17.0
8	6.2	4.2	5.2	11.2	6.0	8.6	10.4	9.9	10.1	21.0	18.0	19.4
9	6.4	3.8	5.1	13.7	9.5	11.7	10.0	8.6	9.4	21.4	18.9	20.2
10	6.3	5.5	5.9	12.6	9.4	10.9	9.6	8.5	8.9	22.2	19.8	21.0
11	6.9	4.2	5.7	10.2	7.7	8.7	10.4	8.9	9.5	21.4	19.9	20.6
12	7.5	5.1	6.3	12.0	7.0	9.6	15.6	9.7	12.2	20.1	18.0	19.1
13	6.5	4.3	5.6	13.9	10.2	12.2	16.7	11.2	13.8	19.0	16.7	17.9
14	6.3	5.0	5.7	13.8	11.9	13.0	17.3	11.8	14.6	18.6	15.2	17.0
15	7.5	6.3	6.9	11.9	9.8	10.3	18.1	13.6	16.0	17.8	16.4	17.2
16	6.6	1.8	4.5	11.0	9.4	10.1	18.6	14.5	16.7	18.9	16.2	17.3
17	2.8	0.9	1.8	13.4	11.0	12.1	18.5	14.9	16.8	18.6	15.7	17.0
18	6.8	2.8	4.7	14.0	12.2	13.0	16.8	12.2	13.5	15.7	14.2	14.8
19	7.2	3.8	5.4	13.4	11.2	12.2	12.6	11.6	12.1	15.1	13.8	14.3
20	8.2	6.0	7.1	11.2	8.5	9.2	15.0	12.0	13.4	17.5	13.7	15.5
21	7.9	6.6	7.3	13.0	9.2	10.9	15.0	13.2	14.2	17.3	16.0	16.4
22	8.2	7.5	7.8	14.7	10.9	12.8	16.5	14.5	15.4	16.6	15.1	15.5
23	10.1	8.2	9.1	15.0	10.6	13.0	15.8	12.4	14.2	15.8	15.1	15.4
24	10.6	6.4	8.5	15.7	11.6	13.9	15.2	12.0	13.9	17.2	15.2	16.0
25	10.0	7.8	9.0	16.1	11.4	14.0	14.8	13.8	14.1	17.7	15.8	16.7
26	8.9	6.1	7.3	17.2	13.3	15.3	16.0	14.0	14.7	19.4	17.1	18.0
27	6.1	4.4	5.3	16.7	13.7	15.3	17.5	13.4	15.2	18.3	16.3	17.0
28	6.2	4.4	5.2	17.3	13.2	15.3	17.9	14.2	16.3	18.3	14.5	16.3
29	---	---	---	18.7	15.9	17.2	18.8	15.7	17.3	17.8	15.8	16.9
30	---	---	---	17.9	9.8	13.0	19.2	16.4	18.0	19.4	15.2	17.2
31	---	---	---	12.2	8.2	10.1	---	---	---	18.7	16.5	17.7
MONTH	10.6	0.9	6.1	18.7	5.6	11.5	19.2	8.5	14.0	22.2	13.7	17.2

0208501535 STROUDS CREEK AT ST. MARYS ROAD NEAR HILLSBOROUGH, 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
		JUNE			JULY			AUGUST			SEPTEMBER	
1	18.6	16.0	17.4	22.2	21.1	21.4	23.0	21.4	22.1	25.3	23.2	24.1
2	18.2	15.0	16.7	21.1	19.8	20.3	22.2	21.4	21.8	24.9	23.2	24.1
3	17.7	16.2	17.1	20.5	19.6	20.1	23.3	21.4	22.3	24.7	23.3	24.1
4	19.4	17.2	18.1	22.8	18.8	20.7	23.4	22.1	22.7	24.3	22.3	23.6
5	20.5	18.0	19.2	23.8	20.7	22.3	23.1	21.3	22.3	23.2	21.4	22.3
6	19.9	17.0	18.6	24.1	21.8	23.0	24.1	21.0	22.5	22.4	20.1	20.8
7	20.3	18.8	19.5	23.3	21.7	22.6	24.2	22.7	23.4	21.1	19.2	20.2
8	20.8	18.6	19.5	24.6	21.7	23.1	23.8	22.4	23.2	20.8	20.0	20.4
9	22.0	18.7	20.2	25.0	22.6	23.7	24.1	22.4	23.2	20.6	19.4	20.0
10	21.9	18.7	20.4	24.5	22.0	23.3	23.3	21.9	22.5	20.2	18.9	19.5
11	21.9	18.8	20.4	24.5	22.5	23.4	23.9	21.7	22.8	19.9	17.6	18.9
12	22.2	20.2	21.2	23.9	21.5	22.8	23.9	22.1	23.1	19.3	18.5	18.9
13	22.4	20.1	21.1	23.0	21.5	22.2	24.1	22.4	23.3	19.6	18.7	19.1
14	23.1	20.4	21.7	22.7	21.0	21.8	25.0	22.9	24.0	21.1	19.5	20.2
15	23.2	21.1	22.0	23.6	21.0	22.3	25.2	22.5	23.8	22.1	20.2	21.1
16	22.0	20.1	20.9	24.8	21.6	23.1	24.6	22.7	23.7	21.8	20.4	21.1
17	20.1	18.7	19.2	24.1	22.1	23.1	24.8	22.7	23.8	20.4	18.1	19.4
18	20.5	18.4	19.3	24.0	21.6	23.0	24.4	22.5	23.5	19.5	18.3	18.8
19	21.5	19.4	20.4	23.5	21.9	22.7	23.7	22.1	22.9	21.3	18.4	19.6
20	21.3	19.2	20.2	23.6	21.2	22.5	24.0	22.1	23.0	21.2	18.6	20.1
21	20.4	17.7	19.1	24.2	21.8	23.0	24.2	22.0	23.2	21.5	19.4	20.6
22	20.3	17.0	18.7	24.6	22.4	23.3	24.2	22.7	23.4	21.5	20.8	21.2
23	21.5	18.1	19.8	22.7	21.6	22.0	24.2	22.1	23.2	22.3	20.9	21.5
24	22.1	18.7	20.5	22.5	20.4	21.4	24.1	22.6	23.4	21.0	18.6	19.8
25	22.9	19.6	21.3	23.0	20.1	21.6	23.8	21.4	22.7	20.5	18.0	19.4
26	23.3	20.4	21.9	23.3	20.8	22.1	24.6	22.3	23.4	20.7	18.5	19.7
27	23.5	21.4	22.5	24.4	21.7	23.1	25.3	23.0	24.2	21.0	18.6	19.9
28	22.7	20.6	21.3	24.7	22.7	23.7	25.7	23.7	24.8	20.7	19.3	20.2
29	22.4	19.4	20.9	24.4	22.8	23.6	26.1	24.0	25.1	19.3	16.8	17.8
30	23.1	20.8	22.0	23.4	21.3	22.1	26.2	24.1	25.2	16.8	14.6	15.9
31	---	---	---	21.7	20.7	21.2	25.3	23.9	24.5	---	---	---
MONTH	23.5	15.0	20.0	25.0	18.8	22.4	26.2	21.0	23.3	25.3	14.6	20.4

TEMPERATURE, WATER, DEGREES CELSIUS
OCTOBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	16.6	14.5	15.5	---	---	---	---	---	---	---	---	---
2	16.1	14.7	15.5	---	---	---	---	---	---	---	---	---
3	14.7	12.3	13.6	---	---	---	---	---	---	---	---	---
4	15.8	12.8	14.2	---	---	---	---	---	---	---	---	---
5	16.6	14.3	15.4	---	---	---	---	---	---	---	---	---
6	17.0	14.7	15.8	---	---	---	---	---	---	---	---	---
7	17.9	15.6	16.7	---	---	---	---	---	---	---	---	---
8	17.2	16.3	16.8	---	---	---	---	---	---	---	---	---
9	18.4	17.1	17.6	---	---	---	---	---	---	---	---	---
10	18.1	17.2	17.7	---	---	---	---	---	---	---	---	---
11	17.8	17.4	17.6	---	---	---	---	---	---	---	---	---
12	19.3	17.3	18.2	---	---	---	---	---	---	---	---	---
13	19.3	17.3	18.4	---	---	---	---	---	---	---	---	---
14	18.7	18.0	18.4	---	---	---	---	---	---	---	---	---
15	18.0	15.5	16.7	---	---	---	---	---	---	---	---	---
16	15.9	13.5	14.8	---	---	---	---	---	---	---	---	---
17	16.2	13.2	14.8	---	---	---	---	---	---	---	---	---
18	15.9	14.7	15.4	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---