02089500 NEUSE RIVER AT KINSTON, NC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1950, 1955-56, 1959-67, 1973 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: July 1973 to September 1986, March 2002 to July 2004.
WATER TEMPERATURE: October 1949 to September 1950, January 1955 to September 1956, July 1973 to September 1986, March 2002 to May 2003, January to August 2004.

INSTRUMENTATION.--Water-quality monitor with satellite telemetry from March 2002 to August 2004. Water-quality monitor from October 1981 to September 1986.

REMARKS.--Station operated as part of NAWQA Program from March 1993 to current year. Station also operated as part of NASQAN network from October 1974 to September 1994. Daily records of specific conductance for January 1955 to September 1956 are available in the files of the District Office in Raleigh, NC. The water temperature data from June 17 to September 30, 2003 was revised.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	248, August 17, 2002	43, March 28, 1975 (daily)
WATER TEMPERATURE, °C	36.0, July 13, 14, 19, 20, 1986	0.0, February 7, 1978, January 13, 1981 (daily)

EXTREMES FOR CURRENT YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	199, February 3	77, December 19
WATER TEMPERATURE, °C	32.0, July 21	2.7, January 28

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

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)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Chloride, water, fltrd, mg/L (00940)	Sulfate water, fltrd, mg/L (00945)
OCT 22...	1000	9	1,460	750	8.3	89	7.1	127	17.9	20	25	12.7	8.8
DEC 23...	1000	9	6,710	765	16.6	132	6.5	85	5.7	12	15	9.01	7.5
FEB 18...	1000	9	5,720	765	11.4	91	6.7	94	5.8	12	15	11.4	7.9
MAR 16...	1000	9	1,940	756	9.5	91	6.7	109	13.2	20	24	13.8	9.3
APR 14...	1100	9	2,650	754	7.8	82	6.7	113	17.4	13	16	12.9	8.4
MAY 13...	1130	9	1,760	769	6.3	74	6.2	120	24.0	20	24	12.9	8.8
JUN 09...	1230	9	4,390	767	5.4	65	5.7	77	24.7	10	12	8.10	6.9
JUL 14...	1100	9	1,530	754	5.2	69	6.9	137	29.8	20	24	16.1	10.5
AUG 18...	1200	9	5,490	762	5.8	68	5.8	78	23.4	--	--	7.43	7.3
SEP 22...	1200	9	4,160	766	6.2	69	6.6	82	21.0	16	19	8.49	4.7

02089500 NEUSE RIVER AT KINSTON, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004—CONTINUED

Date	Ammonia water, fltrd, mg/L (71846)	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)	Particulate nitrogen, susp, water, mg/L (49570)	Orthophosphate, water, fltrd, mg/L (00660)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, wat unf by analysis, mg/L (62855)	Total carbon, suspnd sedimnt total, mg/L (00694)
OCT													
22...	--	<.04	--	--	.57	--	<.008	.03	.107	.035	.099	.95	.3
DEC													
23...	--	<.04	--	--	.56	--	<.008	.08	.031	.010	.055	.99	.6
FEB													
18...	--	<.04	--	--	.54	--	E.004	.14	.021	.007	.072	1.00	1.0
MAR													
16...	--	<.04	2.93	.66	.67	.030	.009	.10	.037	.012	.074	1.07	1.0
APR													
14...	.14	.11	4.05	.92	.93	.030	.009	.15	.144	.047	.186	1.65	1.5
MAY													
13...	.08	.06	3.37	.76	.78	.043	.013	.07	.159	.052	.155	1.36	.7
JUN													
09...	--	<.04	1.26	.28	.30	.046	.014	.07	.058	.019	.126	.92	.6
JUL													
14...	--	E.02	2.49	.56	.57	.026	.008	.13	.135	.044	.128	1.08	1.5
AUG													
18...	--	<.04	--	--	.45	--	<.008	.07	.083	.027	.121	1.02	.7
SEP													
22...	--	<.04	--	--	.30	--	<.008	.11	.089	.029	.111	.89	1.0

Date	Inorganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, suspnd sedimnt total, mg/L (00689)	Organic carbon, water, fltrd, mg/L (00681)	2,6-Diethylaniline water fltrd 0.7u GF ug/L (82660)	CIAT, water, fltrd, ug/L (04040)	Acetochlor, water, fltrd, ug/L (49260)	Alachlor, water, fltrd, ug/L (46342)	alpha-HCH, water, fltrd, ug/L (34253)	Atrazine, water, fltrd, ug/L (39632)	Azinphosmethyl, water, fltrd 0.7u GF ug/L (82686)	Benfluralin, water, fltrd 0.7u GF ug/L (82673)	Butylate, water, fltrd, ug/L (04028)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)
OCT													
22...	<.1	.3	5.7	<.006	E.005	<.006	<.004	<.005	.018	<.050	<.010	<.002	E.008
DEC													
23...	<.1	.6	6.4	<.006	E.006	<.006	<.005	<.005	.021	<.050	<.010	<.004	<.041
FEB													
18...	<.1	1.0	6.9	<.006	<.006	<.006	<.005	<.005	.046	<.050	<.010	<.004	E.013
MAR													
16...	<.1	1.0	6.1	<.006	<.006	<.006	<.005	<.005	.020	<.050	<.010	<.004	<.041
APR													
14...	<.1	1.5	7.2	<.006	E.035	<.006	.877	<.005	1.30	<.050	<.010	<.004	E.034
MAY													
13...	<.1	.7	7.4	<.006	E.010	<.006	.011	<.005	.117	<.050	<.010	<.004	E.017
JUN													
09...	<.1	.6	10.1	<.006	E.008	<.006	<.005	<.005	.057	<.050	<.010	<.004	E.028
JUL													
14...	<.1	1.5	8.8	--	--	--	--	--	--	--	--	--	--
AUG													
18...	<.1	.7	9.0	<.006	<.006	<.006	<.005	<.005	.019	<.050	<.010	<.004	E.017
SEP													
22...	<.1	1.0	9.2	--	--	--	--	--	--	--	--	--	--

02089500 NEUSE RIVER AT KINSTON, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004—CONTINUED

Date	Carbofuran, water, fltrd 0.7u GF ug/L (82674)	Chlorpyrifos water, fltrd, ug/L (38933)	cis-Permethrin water fltrd 0.7u GF ug/L (82687)	Cyanazine, water, fltrd, ug/L (04041)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulfinyl fipronil, water, fltrd, ug/L (62170)	Diazinon, water, fltrd, ug/L (39572)	Dieldrin, water, fltrd, ug/L (39381)	Disulfoton, water, fltrd 0.7u GF ug/L (82677)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethalfluralin, water, fltrd 0.7u GF ug/L (82663)	Ethoprop, water, fltrd 0.7u GF ug/L (82672)	Desulfinyl fipronil amide, wat flt ug/L (62169)
OCT													
22...	<.020	<.005	<.006	<.018	<.003	<.004	E.004	<.005	<.02	<.002	<.009	<.005	<.009
DEC													
23...	<.020	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009	<.005	<.029
FEB													
18...	<.020	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.007	<.009	<.005	<.029
MAR													
16...	<.020	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009	<.005	<.029
APR													
14...	<.020	<.005	<.006	<.018	<.003	E.004	<.005	<.009	<.02	<.004	<.009	<.005	<.029
MAY													
13...	<.020	<.005	<.006	<.018	<.003	E.004	<.005	<.009	<.02	<.004	<.009	<.005	<.029
JUN													
09...	<.020	<.005	<.006	<.018	<.003	E.003	<.005	<.009	<.02	E.002	<.009	<.005	<.029
JUL													
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
18...	<.020	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009	<.005	<.029
SEP													
22...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	Fipronil sulfide water, fltrd, ug/L (62167)	Fipronil sulfone water, fltrd, ug/L (62168)	Fipronil, water, fltrd, ug/L (62166)	Fonofos water, fltrd, ug/L (04095)	Lindane water, fltrd, ug/L (39341)	Linuron water fltrd 0.7u GF ug/L (82666)	Malathion, water, fltrd, ug/L (39532)	Methyl parathion, water, fltrd 0.7u GF ug/L (82667)	Metolachlor, water, fltrd, ug/L (39415)	Metribuzin, water, fltrd, ug/L (82630)	Molinate, water, fltrd 0.7u GF ug/L (82671)	Napropamide, water, fltrd 0.7u GF ug/L (82684)	p,p-' DDE, water, fltrd, ug/L (34653)
OCT													
22...	<.005	<.007	<.010	<.003	<.004	<.035	<.027	<.006	E.011	<.006	<.002	<.007	<.003
DEC													
23...	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.015	<.006	<.003	<.007	<.003
FEB													
18...	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	E.013	<.006	<.003	<.007	<.003
MAR													
16...	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.025	<.006	<.003	<.007	<.003
APR													
14...	<.013	<.024	E.007	<.003	<.004	<.035	<.027	<.015	.295	<.006	<.003	<.007	<.003
MAY													
13...	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.041	<.006	<.003	<.007	<.003
JUN													
09...	E.003	<.024	E.008	<.003	<.004	<.035	<.027	<.015	.123	.015	<.003	<.007	<.003
JUL													
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
18...	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.020	<.006	<.003	<.007	<.003
SEP													
22...	--	--	--	--	--	--	--	--	--	--	--	--	--

02089500 NEUSE RIVER AT KINSTON, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004—CONTINUED

Date	Parathion, water, fltrd, ug/L (39542)	Pebulate, water, fltrd 0.7u GF ug/L (82669)	Pendimethalin, water, fltrd 0.7u GF ug/L (82683)	Phorate water fltrd 0.7u GF ug/L (82664)	Prometon, water, fltrd, ug/L (04037)	Propyzamide, water, fltrd 0.7u GF ug/L (82676)	Propachlor, water, fltrd, ug/L (04024)	Propanil, water, fltrd 0.7u GF ug/L (82679)	Propargite, water, fltrd 0.7u GF ug/L (82685)	Simazine, water, fltrd, ug/L (04035)	Tebuthiuron water fltrd 0.7u GF ug/L (82670)	Terbacil, water, fltrd 0.7u GF ug/L (82665)	Terbufos, water, fltrd 0.7u GF ug/L (82675)
OCT													
22...	<.010	<.004	<.022	<.011	.02	<.004	<.010	<.011	<.02	.010	<.02	<.034	<.02
DEC													
23...	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.129	<.02	<.034	<.02
FEB													
18...	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.246	<.02	<.034	<.02
MAR													
16...	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.138	<.02	<.034	<.02
APR													
14...	<.010	<.004	E.014	<.011	.01	<.004	<.025	<.011	<.02	.144	E.01	<.034	<.02
MAY													
13...	<.010	<.004	<.022	<.011	.02	<.004	<.025	<.011	<.02	.060	E.01	<.034	<.02
JUN													
09...	<.010	<.004	<.022	<.011	.03	<.004	<.025	<.011	<.02	.052	E.01	<.034	<.02
JUL													
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
18...	<.010	<.004	<.022	<.011	.03	<.004	<.025	<.011	<.02	.026	<.02	<.034	<.02
SEP													
22...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	Thiobencarb water fltrd 0.7u GF ug/L (82681)	Triallate, water, fltrd 0.7u GF ug/L (82678)	Trifluralin, water, fltrd 0.7u GF ug/L (82661)	Suspnd. sediment, sieve diametr percent <.063mm (70331)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
OCT						
22...	<.005	<.002	<.009	98	15	59
DEC						
23...	<.010	<.002	<.009	91	14	254
FEB						
18...	<.010	<.002	<.009	67	23	355
MAR						
16...	<.010	<.002	<.009	95	20	105
APR						
14...	<.010	<.002	<.009	82	62	444
MAY						
13...	<.010	<.002	<.009	93	32	152
JUN						
09...	<.010	<.002	<.009	80	29	344
JUL						
14...	--	--	--	95	28	116
AUG						
18...	<.010	<.002	<.009	92	31	460
SEP						
22...	--	--	--	99	29	326

Remark codes used in this table:
< -- Less than
E -- Estimated value

Medium codes used in this table:
9 -- Surface water

02089500 NEUSE RIVER AT KINSTON, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	100	96	98	113	99	106	129	124	126	106	103	104
2	101	99	100	99	91	94	130	126	128	105	103	104
3	103	100	101	---	---	---	---	---	---	106	103	104
4	104	102	103	---	---	---	---	---	---	107	104	106
5	---	---	---	104	99	102	127	123	125	110	105	107
6	---	---	---	109	103	106	125	121	123	---	---	---
7	---	---	---	113	108	111	123	119	121	---	---	---
8	---	---	---	121	113	118	124	120	122	---	---	---
9	---	---	---	122	117	119	---	---	---	---	---	---
10	---	---	---	127	121	124	---	---	---	---	---	---
11	130	125	128	131	127	129	106	102	104	---	---	---
12	136	130	134	133	126	130	106	93	98	---	---	---
13	141	135	138	129	126	128	105	98	102	120	118	119
14	143	140	142	131	127	129	102	83	92	122	119	120
15	141	135	137	---	---	---	84	79	81	139	122	130
16	136	133	134	---	---	---	---	---	---	139	132	135
17	133	130	131	---	---	---	---	---	---	133	127	129
18	134	129	131	140	137	138	---	---	---	128	124	125
19	137	133	135	140	133	138	78	77	78	126	123	125
20	139	135	137	138	135	137	81	78	79	126	124	125
21	135	129	131	135	127	131	82	81	81	127	124	125
22	137	130	133	132	128	130	82	81	82	128	124	125
23	144	137	141	129	116	123	---	---	---	130	124	127
24	142	123	131	116	105	109	---	---	---	128	122	124
25	128	122	124	109	107	108	---	---	---	125	121	123
26	133	128	131	115	109	112	---	---	---	131	123	124
27	147	133	142	119	114	116	---	---	---	130	123	125
28	148	132	143	121	119	120	---	---	---	132	125	130
29	140	109	119	124	119	122	---	---	---	136	132	134
30	114	102	110	127	122	125	---	---	---	135	127	130
31	113	102	109	---	---	---	---	---	---	129	125	126
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
		FEBRUARY			MARCH			APRIL			MAY	
1	137	129	131	108	105	107	129	127	128	141	131	137
2	191	136	161	145	105	125	129	124	127	---	---	---
3	199	178	188	142	113	125	128	123	126	---	---	---
4	181	158	171	113	106	108	128	125	127	---	---	---
5	158	143	152	107	105	106	132	128	130	102	94	99
6	143	131	136	110	107	108	132	129	130	94	86	90
7	141	131	136	111	110	110	135	129	132	86	84	85
8	135	122	126	115	111	113	131	126	129	87	84	85
9	122	119	121	116	114	115	128	116	122	91	86	89
10	121	118	119	118	115	117	123	118	120	100	91	96
11	119	113	115	121	117	120	127	118	124	110	100	105
12	114	111	112	123	120	122	127	106	117	118	110	113
13	119	112	116	124	122	123	124	110	119	121	118	120
14	112	102	107	126	122	124	125	115	120	126	121	124
15	102	100	101	126	124	125	116	111	113	131	124	128
16	103	97	99	125	120	122	118	113	116	---	---	---
17	97	95	96	127	122	125	113	106	108	---	---	---
18	98	95	97	128	126	127	107	104	105	---	---	---
19	102	96	98	130	122	126	118	107	112	146	136	141
20	106	100	104	122	117	119	118	114	116	144	139	142
21	110	104	106	117	114	114	118	116	117	153	141	145
22	111	106	108	115	113	114	120	118	119	156	151	153
23	106	104	105	113	110	111	122	119	121	160	154	156
24	106	104	105	115	113	114	129	121	126	168	160	163
25	116	106	110	120	115	118	129	127	128	168	151	160
26	115	112	113	122	118	120	131	121	129	158	150	154
27	115	111	113	125	121	122	127	120	125	159	139	151
28	112	108	111	126	124	125	127	122	124	148	129	137
29	109	108	108	127	125	126	135	127	131	144	133	140
30	---	---	---	127	123	126	141	135	139	145	131	139
31	---	---	---	128	126	127	---	---	---	137	132	134
MONTH	199	95	119	145	105	119	141	104	123	---	---	---

02089500 NEUSE RIVER AT KINSTON, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	141	133	135	103	100	102	---	---	---	---	---	---
2	152	138	143	103	99	101	---	---	---	---	---	---
3	164	152	156	112	103	108	---	---	---	---	---	---
4	---	---	---	115	111	113	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	122	113	116	---	---	---	---	---	---	---	---	---
16	124	121	123	---	---	---	---	---	---	---	---	---
17	124	114	119	---	---	---	---	---	---	---	---	---
18	117	100	109	---	---	---	---	---	---	---	---	---
19	121	104	114	---	---	---	---	---	---	---	---	---
20	121	114	118	---	---	---	---	---	---	---	---	---
21	122	116	119	---	---	---	---	---	---	---	---	---
22	123	120	122	---	---	---	---	---	---	---	---	---
23	131	109	123	---	---	---	---	---	---	---	---	---
24	135	111	125	---	---	---	---	---	---	---	---	---
25	125	86	106	---	---	---	---	---	---	---	---	---
26	113	93	104	---	---	---	---	---	---	---	---	---
27	120	112	116	---	---	---	---	---	---	---	---	---
28	135	113	123	---	---	---	---	---	---	---	---	---
29	129	95	106	---	---	---	---	---	---	---	---	---
30	100	95	97	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

02089500 NEUSE RIVER AT KINSTON, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	5.0	4.1	4.6
14	---	---	---	---	---	---	---	---	---	5.3	4.5	4.9
15	---	---	---	---	---	---	---	---	---	5.9	5.0	5.3
16	---	---	---	---	---	---	---	---	---	5.7	5.0	5.3
17	---	---	---	---	---	---	---	---	---	5.6	4.8	5.2
18	---	---	---	---	---	---	---	---	---	7.0	5.4	6.2
19	---	---	---	---	---	---	---	---	---	7.4	6.6	7.1
20	---	---	---	---	---	---	---	---	---	6.6	5.8	6.2
21	---	---	---	---	---	---	---	---	---	5.8	5.1	5.4
22	---	---	---	---	---	---	---	---	---	5.6	4.7	5.2
23	---	---	---	---	---	---	---	---	---	5.6	4.9	5.3
24	---	---	---	---	---	---	---	---	---	5.9	4.9	5.4
25	---	---	---	---	---	---	---	---	---	5.4	3.9	4.7
26	---	---	---	---	---	---	---	---	---	3.9	3.2	3.6
27	---	---	---	---	---	---	---	---	---	3.2	3.0	3.1
28	---	---	---	---	---	---	---	---	---	3.6	2.7	3.1
29	---	---	---	---	---	---	---	---	---	3.9	2.8	3.3
30	---	---	---	---	---	---	---	---	---	4.2	3.3	3.7
31	---	---	---	---	---	---	---	---	---	4.2	3.4	3.8
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
		FEBRUARY			MARCH			APRIL			MAY	
1	4.0	3.3	3.6	7.6	6.3	6.9	16.4	15.5	16.0	21.2	20.4	20.8
2	4.2	3.1	3.7	9.9	7.6	8.7	15.5	14.6	15.1	---	---	---
3	5.1	4.2	4.6	11.6	9.8	10.6	15.1	13.9	14.6	---	---	---
4	5.8	4.7	5.3	13.6	11.6	12.4	15.8	14.4	14.9	---	---	---
5	6.0	5.3	5.6	15.3	13.6	14.4	15.3	13.9	14.6	19.1	17.8	18.5
6	7.6	5.7	6.4	16.2	15.3	15.8	15.2	13.6	14.4	19.7	18.3	19.0
7	8.9	7.6	8.4	16.9	16.0	16.4	16.0	14.3	15.1	20.4	18.9	19.6
8	8.7	8.1	8.4	16.6	15.5	16.0	16.9	15.4	16.2	21.3	19.9	20.5
9	8.2	7.8	8.0	15.5	14.6	15.0	18.4	16.3	17.3	22.4	20.8	21.5
10	8.8	8.2	8.5	14.6	13.2	13.9	18.2	17.2	17.7	23.5	22.1	22.7
11	8.9	8.3	8.6	13.4	12.4	13.0	18.8	17.6	18.1	24.6	23.1	23.8
12	8.6	7.6	8.2	13.4	12.3	12.8	18.1	16.8	17.3	24.8	23.9	24.3
13	8.2	7.3	7.7	13.2	12.2	12.7	18.0	16.8	17.3	24.8	23.8	24.2
14	7.8	7.3	7.5	12.8	12.0	12.4	17.8	16.7	17.4	25.4	23.6	24.4
15	7.5	7.0	7.3	12.9	12.3	12.6	16.9	15.8	16.4	26.1	24.3	25.1
16	7.1	6.3	6.7	13.7	12.9	13.3	16.8	15.6	16.2	---	---	---
17	6.7	6.0	6.3	13.6	12.5	13.1	17.4	16.0	16.7	---	---	---
18	6.8	5.7	6.2	12.6	12.0	12.4	18.6	17.1	17.8	---	---	---
19	7.0	5.8	6.4	13.6	12.3	12.9	19.8	18.3	19.0	27.1	25.0	26.0
20	7.7	6.3	6.9	13.6	12.5	13.1	20.7	19.2	19.9	27.6	25.3	26.4
21	8.9	7.4	8.1	13.8	13.2	13.4	21.5	20.3	20.9	28.1	25.9	27.0
22	9.2	8.1	8.6	13.4	12.5	12.9	22.2	20.8	21.5	29.3	26.8	27.9
23	9.3	8.5	8.9	13.2	12.2	12.7	23.0	21.4	22.1	29.2	27.3	28.2
24	9.3	9.2	9.2	13.4	12.1	12.7	23.2	22.2	22.6	28.6	26.9	27.7
25	9.6	8.8	9.2	14.4	12.7	13.5	22.7	21.9	22.3	28.8	26.7	27.7
26	9.2	7.4	8.3	15.1	13.6	14.4	23.3	21.8	22.4	29.5	27.5	28.5
27	7.4	6.3	6.8	16.1	14.4	15.4	22.5	21.5	22.0	29.8	27.9	28.8
28	6.9	5.8	6.4	17.2	16.0	16.5	21.7	20.3	21.0	29.6	27.9	28.7
29	7.2	6.1	6.7	17.1	15.7	16.3	21.5	19.9	20.7	29.5	27.5	28.4
30	---	---	---	16.7	15.7	16.2	21.5	20.3	20.9	28.2	26.3	27.0
31	---	---	---	16.8	15.8	16.2	---	---	---	26.4	25.5	26.0
MONTH	9.6	3.1	7.1	17.2	6.3	13.5	23.3	13.6	18.3	---	---	---

02089500 NEUSE RIVER AT KINSTON, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.7	25.3	26.4	26.7	25.6	26.1	29.5	28.0	28.8	---	---	---
2	28.4	25.8	27.0	26.6	25.9	26.3	28.8	27.8	28.3	---	---	---
3	29.2	26.6	27.8	27.0	25.9	26.4	27.8	27.0	27.4	---	---	---
4	---	---	---	27.6	26.4	26.9	28.7	27.0	27.8	---	---	---
5	---	---	---	28.6	26.6	27.5	29.3	27.9	28.5	---	---	---
6	---	---	---	29.8	28.0	28.8	28.5	27.2	27.9	---	---	---
7	---	---	---	30.6	28.9	29.6	27.2	25.8	26.4	---	---	---
8	---	---	---	30.9	29.2	30.0	26.4	25.2	25.9	---	---	---
9	---	---	---	31.1	29.0	30.0	25.8	24.9	25.2	---	---	---
10	---	---	---	31.4	29.1	30.2	25.4	24.4	24.9	---	---	---
11	---	---	---	30.7	29.4	30.1	26.1	24.8	25.3	---	---	---
12	---	---	---	30.7	29.0	29.8	26.3	25.4	25.8	---	---	---
13	---	---	---	31.0	29.1	30.0	25.6	24.8	25.2	---	---	---
14	---	---	---	30.7	29.2	30.0	24.8	22.5	24.0	---	---	---
15	27.1	25.3	26.1	30.9	29.4	30.1	23.2	22.3	22.5	---	---	---
16	27.0	26.3	26.6	30.6	28.7	29.6	23.1	22.3	22.6	---	---	---
17	26.7	25.7	26.1	29.9	28.4	29.0	23.8	22.7	23.2	---	---	---
18	27.8	26.2	26.8	28.7	27.8	28.3	23.9	23.1	23.5	---	---	---
19	28.7	26.9	27.7	29.1	27.2	28.1	24.5	23.4	23.9	---	---	---
20	28.7	27.8	28.2	29.6	27.3	28.2	25.1	24.2	24.6	---	---	---
21	28.8	27.2	27.9	32.0	26.0	28.5	25.5	24.7	25.1	---	---	---
22	28.8	27.0	27.8	30.1	27.9	29.0	25.4	25.0	25.1	---	---	---
23	29.7	26.9	28.2	29.1	28.2	28.6	25.4	24.7	25.0	---	---	---
24	28.0	27.2	27.5	29.4	27.4	28.3	25.4	24.8	25.1	---	---	---
25	27.3	26.3	26.8	31.5	27.4	28.7	25.5	24.8	25.2	---	---	---
26	26.9	26.4	26.7	29.5	27.6	28.4	25.4	25.0	25.2	---	---	---
27	27.1	26.1	26.5	30.2	28.4	29.2	25.8	25.0	25.4	---	---	---
28	26.4	25.8	26.1	29.7	28.4	29.0	26.2	25.4	25.8	---	---	---
29	26.4	25.5	26.0	29.6	28.1	28.8	26.8	26.1	26.4	---	---	---
30	26.1	25.7	25.9	29.4	27.8	28.6	26.4	25.5	25.8	---	---	---
31	---	---	---	29.7	27.9	28.7	26.3	25.2	25.7	---	---	---
MONTH	---	---	---	32.0	25.6	28.7	29.5	22.3	25.5	---	---	---