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 to September 2002.

WATER TEMPERATURE: October 1949 to September 1950, January 1955 to September 1956, July 1973 to September 1986, March to September 2002.

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

REMARKS.--Station operated as part of NAWQA Program from March 1993 to present. 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.

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	248, August 17	76, April 5
WATER TEMPERATURE, °C	33.5, July 20	14.8, April 8

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	Medium code	DIS-CHARGE, IN CUBIC FEET PER SECOND (00060)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)
OCT													
11...	0900	9	--	860	771	8.2	85	7.1	135	17.4	25	31	14.8
NOV													
15...	1145	9	--	508	765	9.8	94	7.7	159	13.5	32	39	17.7
DEC													
13...	1400	9	--	690	764	8.7	85	7.3	170	14.6	28	35	18.2
JAN													
16...	1330	9	--	2240	760	10.8	91	7.0	129	8.0	12	15	17.4
FEB													
13...	1300	9	--	4160	765	9.2	82	6.7	94	10.1	10	12	10.8
MAR													
04...	1215	9	--	1940	764	9.2	85	7.2	117	11.7	--	--	--
20...	1000	9	--	1480	763	7.8	79	7.0	118	15.9	18	22	16.4
APR													
02...	1300	9	--	3470	764	7.8	82	6.7	92	18.3	--	--	--
23...	1030	9	--	1400	765	6.0	70	7.0	129	23.7	18	22	12.8
MAY													
14...	1000	9	--	667	759	7.2	87	7.3	153	24.6	24	30	14.6
29...	1300	9	--	450	--	7.4	--	7.5	179	25.7	--	--	--
JUN													
12...	1400	9	--	384	759	8.2	107	7.5	195	29.1	33	40	20.9
19...	0850	O	--	355	--	--	--	--	--	--	--	--	--
19...	1034	O	--	355	--	--	--	--	--	--	--	--	--
19...	1230	D	--	352	--	6.5	--	7.4	197	25.6	--	--	--
25...	1230	9	--	323	765	8.3	111	8.0	210	30.6	--	--	--
JUL													
08...	1230	9	367	--	769	8.0	104	7.7	168	29.5	--	--	--
24...	1500	9	--	590	765	6.9	94	7.5	206	32.0	33	40	19.1
AUG													
07...	1300	9	--	378	762	7.3	94	7.4	192	28.1	--	--	--
20...	1130	9	--	537	762	7.8	103	7.6	235	29.9	36	44	26.7
SEP													
17...	1100	9	--	466	763	6.6	82	7.5	188	26.1	31	38	17.7

Medium codes used in this report:
9 - Surface water
O - Benthic invertebrates
D - Plant tissue

02089500 NEUSE RIVER AT KINSTON, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4) (71846)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS N) (00618)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO3) (71851)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2) (71856)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO-GEN, PAR TICULTE WAT FLT SUSP (MG/L AS N) (49570)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4) (00660)
OCT													
11...	11.6	<.04	.38	--	--	--	.56	--	E.004	--	<.02	.94	.113
NOV													
15...	13.7	<.04	.35	--	--	--	.37	--	E.004	--	<.02	.72	.098
DEC													
13...	13.1	.04	.51	.05	--	--	.61	--	E.006	.47	<.02	1.1	.159
JAN													
16...	10.2	E.03	.50	--	--	--	.72	--	<.008	--	.07	1.2	--
FEB													
13...	9.0	<.04	.64	--	.47	2.06	.48	.056	.017	--	.07	1.1	--
MAR													
04...	--	<.04	.56	--	.74	3.26	.75	.043	.013	--	--	1.3	.080
20...	10.0	<.04	.59	--	--	--	.56	--	E.005	--	.03	1.1	.080
APR													
02...	--	.06	.68	.07	--	--	.70	--	E.004	.62	--	1.4	.123
23...	10.0	.08	.59	.10	.57	2.52	.58	.033	.010	.51	.05	1.2	.212
MAY													
14...	13.0	E.02	.43	--	--	--	.55	--	E.005	--	<.02	.98	.159
29...	--	<.04	.36	--	--	--	.23	--	<.008	--	--	.58	.089
JUN													
12...	17.8	<.04	.39	--	--	--	.38	--	E.005	--	.10	.77	.117
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
25...	--	<.04	.48	--	--	--	.23	--	E.005	--	--	.71	.159
JUL													
08...	--	<.04	.45	--	--	--	.36	--	E.007	--	--	.80	.187
24...	16.2	<.04	.57	--	.31	1.36	.32	.026	.008	--	.23	.89	.172
AUG													
07...	--	<.04	.46	--	.34	1.50	.35	.026	.008	--	--	.80	.199
20...	24.2	<.04	.36	--	--	--	.11	--	<.008	--	.03	.47	.117
SEP													
17...	19.2	<.04	.39	--	--	--	.48	--	E.004	--	.05	.87	.135

Date	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, INOR-GANIC, PARTIC. TOTAL (MG/L AS C) (00688)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC-ULATE TOTAL (MG/L AS C) (00689)	PERI-PHYTON BIOMASS ASH WEIGHT G/SQ M (00572)	PERI-PHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M (00573)	BIOMASS CHLORO-PHYLL RATIO PERI-PHYTON (UNITS) (70950)	PHEO-PHYTIN A, PERI-PHYTON (MG/M2) (62359)	CHLOR-A PERI-PHYTON CHROMO-GRAPHIC FLUOROM (MG/M2) (70957)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)
OCT													
11...	.04	.090	.3	--	6.5	--	--	--	--	--	--	<.009	<.02
NOV													
15...	.03	.079	.2	--	4.8	--	--	--	--	--	--	<.009	<.02
DEC													
13...	.05	.127	.3	--	5.9	--	--	--	--	--	--	<.009	<.02
JAN													
16...	E.01	.086	.9	--	6.1	--	--	--	--	--	--	<.009	.05
FEB													
13...	<.02	.079	.7	--	8.0	--	--	--	--	--	--	<.009	.06
MAR													
04...	.03	.114	--	--	--	--	--	--	--	--	--	<.009	.08
20...	.03	.116	.7	<.1	7.0	.7	--	--	--	--	--	<.009	<.02
APR													
02...	.04	.172	--	--	--	--	--	--	--	--	--	<.009	.10
23...	.07	.144	.5	<.1	7.9	.5	--	--	--	--	--	<.009	<.02
MAY													
14...	.05	.116	.3	<.1	5.3	.3	--	--	--	--	--	<.009	<.02
29...	.03	.087	--	--	--	--	--	--	--	--	--	<.009	<.02
JUN													
12...	.04	.168	.6	<.1	5.1	.6	--	--	--	--	--	<.009	<.02
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	77	103.0	400	27	65.5	--	--
25...	.05	.122	--	--	--	--	--	--	--	--	--	<.009	<.02
JUL													
08...	.06	.136	--	--	--	--	--	--	--	--	--	--	--
24...	.06	.195	2.3	<.1	5.6	2.3	--	--	--	--	--	<.009	<.02
AUG													
07...	.07	.143	--	--	--	--	--	--	--	--	--	<.009	<.02
20...	.04	.081	.2	<.1	4.8	.2	--	--	--	--	--	<.009	.02
SEP													
17...	.04	.121	.3	<.1	5.8	.3	--	--	--	--	--	<.009	<.02

02089500 NEUSE RIVER AT KINSTON, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	3-KETO CARBO-FURAN WATER FLTRD REC (UG/L) (50295)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)
OCT													
11...	<.02	<.002	<.006	<2	<.004	<.007	<.002	<.02	<.008	<.04	<.005	<.009	<.03
NOV													
15...	<.02	<.002	<.006	<2	<.004	<.007	<.002	<.02	<.008	<.04	<.005	E.004	<.03
DEC													
13...	<.02	<.002	<.006	<2	<.004	<.007	<.002	<.02	<.008	<.04	<.005	E.003	<.03
JAN													
16...	<.02	<.006	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005	.008	<.03
FEB													
13...	<.02	<.006	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.010	<.03
MAR													
04...	<.02	<.006	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005	.011	<.03
20...	<.02	<.006	<.006	<2	<.006	<.100	<.004	<.02	<.008	<.04	<.005	.017	<.03
APR													
02...	<.02	--	<.006	<2	--	<.007	--	<.02	<.008	<.04	--	.194	<.03
23...	<.02	<.006	<.006	<2	<.006	<.007	.025	<.02	<.008	<.04	<.005	.179	<.03
MAY													
14...	<.02	<.006	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005	.052	<.03
29...	<.02	<.006	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005	.034	<.03
JUN													
12...	<.02	<.006	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005	.032	<.03
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
25...	<.02	<.006	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005	.015	<.03
JUL													
08...	--	<.006	--	--	<.006	--	<.004	--	--	--	<.005	.019	--
24...	<.02	<.006	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005	.012	<.03
AUG													
07...	<.02	<.006	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005	.010	<.03
20...	<.02	<.006	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005	.008	<.03
SEP													
17...	<.02	<.006	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005	.007	<.03

Date	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)
OCT													
11...	<.010	E.035	<.02	<.01	<.03	<.02	<.002	<.010	E.01	E.011	<.006	<.020	<.02
NOV													
15...	<.010	<.004	<.02	<.01	<.03	<.02	<.002	<.010	<.03	<.041	<.006	<.020	<.02
DEC													
13...	<.010	<.004	<.02	M	<.03	<.02	<.002	<.010	<.03	<.041	<.006	<.020	<.02
JAN													
16...	<.010	<.004	<.02	<.01	<.03	<.02	<.002	<.010	<.03	<.041	<.006	<.020	<.02
FEB													
13...	<.010	<.004	<.02	<.01	<.03	<.02	<.002	<.010	<.03	<.041	<.006	<.020	<.02
MAR													
04...	<.010	<.004	<.02	<.01	<.03	<.02	<.002	<.010	<.03	<.041	<.006	<.020	<.02
20...	<.010	<.004	<.02	<.01	<.03	<.02	<.002	<.010	<.03	<.041	<.006	<.020	<.02
APR													
02...	--	<.004	<.02	<.01	E.08	<.02	--	.040	<.03	--	<.006	--	<.02
23...	<.010	<.004	<.02	<.01	<.03	<.02	<.002	<.010	<.03	<.041	<.006	<.020	<.02
MAY													
14...	<.010	<.004	<.02	<.01	<.03	<.02	<.002	<.010	<.03	<.041	<.006	<.020	<.02
29...	<.010	<.004	<.02	<.01	<.03	<.02	<.002	<.010	<.03	<.041	<.006	<.020	<.02
JUN													
12...	<.010	<.004	<.02	<.01	<.03	<.02	<.002	.012	<.03	<.041	<.006	<.020	<.02
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
25...	<.010	<.004	<.02	<.01	<.03	<.02	<.002	<.010	<.03	<.041	<.006	<.020	<.02
JUL													
08...	<.010	--	--	--	--	--	<.002	--	--	<.041	--	<.020	--
24...	<.010	.013	<.02	<.01	<.03	<.02	<.002	.040	<.03	E.013	<.006	<.020	<.02
AUG													
07...	<.010	.010	<.02	<.01	<.03	<.02	<.002	<.010	<.03	<.041	<.006	<.020	<.02
20...	<.010	<.004	<.02	E.01	<.03	<.02	<.002	<.010	<.03	<.041	<.006	<.020	<.02
SEP													
17...	<.010	<.004	<.02	<.01	<.03	<.02	<.002	<.010	<.03	<.041	<.006	<.020	<.02

02089500 NEUSE RIVER AT KINSTON, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLORO-THALO-NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)
OCT													
11...	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	<.03	E.01	<.04	<.005	<.01
NOV													
15...	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	E.01	M	M	E.004	<.01
DEC													
13...	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	<.006	<.01	<.04	<.005	<.01
JAN													
16...	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	<.006	<.01	E.01	<.005	<.01
FEB													
13...	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	<.006	<.01	E.02	E.004	<.01
MAR													
04...	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	<.006	<.01	<.04	.009	<.01
20...	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	<.006	<.01	E.01	<.005	<.01
APR													
02...	<.010	<.04	--	<.01	--	<.01	--	--	<.03	<.01	E.07	--	<.01
23...	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	E.010	<.01	E.02	<.005	<.01
MAY													
14...	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	E.006	<.01	<.04	<.005	<.01
29...	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	E.008	<.01	<.04	<.005	<.01
JUN													
12...	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	E.006	<.01	<.04	<.005	<.01
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
25...	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	<.006	E.04	<.04	.005	<.01
JUL													
08...	--	--	<.005	--	<.018	--	--	<.003	E.005	--	--	<.005	--
24...	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	E.005	<.01	<.04	.013	<.01
AUG													
07...	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	E.003	<.01	E.01	<.005	<.01
20...	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	E.004	<.01	<.04	<.005	<.01
SEP													
17...	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	<.006	<.01	E.01	<.005	<.01

Date	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS WATER DISS REC (UG/L) (04095)
OCT													
11...	<.01	<.005	<.01	<.03	<.02	E.01	<.002	<.009	<.005	<.03	<.01	M	<.003
NOV													
15...	<.01	<.005	<.01	<.03	<.02	<.01	<.002	<.009	<.005	<.03	<.01	<.03	<.003
DEC													
13...	<.01	<.005	<.01	<.03	<.02	<.01	<.002	<.009	<.005	<.03	<.01	<.03	<.003
JAN													
16...	.03	<.005	<.01	<.03	<.02	<.01	<.002	<.009	<.005	<.03	<.01	<.03	<.003
FEB													
13...	.05	<.005	<.01	<.03	<.02	<.01	<.002	<.009	<.005	<.03	<.01	<.03	<.003
MAR													
04...	<.01	<.005	<.01	<.03	<.02	E.01	<.002	<.009	<.005	<.03	<.01	E.01	<.003
20...	<.01	<.005	<.01	<.03	<.02	E.01	<.002	<.009	<.005	<.03	<.01	<.03	<.003
APR													
02...	.02	--	<.01	<.03	--	.42	--	--	--	<.03	<.01	E.01	--
23...	<.01	<.005	<.01	<.03	<.02	.04	<.010	<.009	<.005	<.03	<.01	<.03	<.003
MAY													
14...	<.01	<.005	<.01	<.03	<.02	.02	<.002	<.009	<.005	<.03	<.01	<.03	<.003
29...	<.01	<.005	<.01	<.03	<.02	.02	<.002	<.009	<.005	<.03	<.01	M	<.003
JUN													
12...	<.01	<.005	<.01	<.03	<.02	E.01	<.002	<.009	<.005	<.03	<.01	<.03	<.003
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
25...	<.01	<.005	<.01	<.03	<.02	<.01	<.002	<.009	<.005	<.03	<.01	<.03	<.003
JUL													
08...	--	<.005	--	--	<.02	--	<.002	<.009	<.005	--	--	--	<.003
24...	<.01	<.005	<.01	<.03	<.02	.01	<.002	<.009	<.005	<.03	<.01	<.03	<.003
AUG													
07...	<.01	<.005	<.01	<.03	<.02	.02	<.002	<.009	<.005	<.03	<.01	<.03	<.003
20...	<.01	<.005	<.01	<.03	<.02	E.01	<.002	<.009	<.005	<.03	<.01	<.03	<.003
SEP													
17...	<.01	<.005	<.01	<.03	<.02	E.01	<.002	<.009	<.005	<.03	<.01	<.03	<.003

02089500 NEUSE RIVER AT KINSTON, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL OXIME WATER FLTRD REC (UG/L) (61696)
OCT													
11...	E.075	<.02	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	M	<.008	<.01
NOV													
15...	E.023	<.02	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	<.01
DEC													
13...	E.060	<.02	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	--
JAN													
16...	<.008	<.02	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	M	<.008	--
FEB													
13...	<.008	E.01	<.02	<.007	<.004	<.01	<.035	<.027	.03	<.01	E.01	<.008	--
MAR													
04...	E.043	E.01	<.02	<.007	<.004	<.01	<.035	<.027	E.01	<.01	M	<.008	--
20...	E.047	<.02	<.02	<.007	<.004	<.01	<.035	<.027	<.08	<.01	<.02	<.008	--
APR													
02...	E.221	E.03	<.02	<.007	--	<.01	--	--	.04	<.01	<.02	<.008	--
23...	E.116	<.02	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	E.01	<.008	--
MAY													
14...	E.046	<.02	<.02	<.007	<.004	<.01	<.035	E.011	<.02	<.01	<.02	<.008	--
29...	E.073	<.02	<.02	<.007	<.004	<.01	<.035	E.013	<.02	<.01	<.02	<.008	--
JUN													
12...	E.046	<.02	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	--
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
25...	E.053	<.02	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	--
JUL													
08...	--	--	--	--	<.004	--	<.035	<.027	--	--	--	--	--
24...	E.054	<.02	--	<.007	<.004	<.01	<.035	E.010	<.02	<.01	M	<.008	--
AUG													
07...	E.054	<.02	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	--
20...	E.074	<.02	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	--
SEP													
17...	<.008	<.02	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	--

Date	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL OXIME WATER FLTRD REC (UG/L) (50410)
OCT													
11...	<.004	E.020	<.006	E.003	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01
NOV													
15...	<.004	<.050	<.006	E.006	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01
DEC													
13...	<.004	<.050	<.006	E.008	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--
JAN													
16...	<.004	<.050	<.006	E.005	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--
FEB													
13...	<.004	<.050	<.006	E.009	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--
MAR													
04...	<.004	<.050	<.006	E.011	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--
20...	<.004	<.050	<.006	.018	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--
APR													
02...	<.004	--	--	--	--	<.03	--	--	<.01	<.01	<.02	<.02	--
23...	<.004	<.050	<.006	.067	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--
MAY													
14...	<.004	<.050	<.006	.032	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--
29...	<.004	<.050	<.006	.028	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--
JUN													
12...	<.004	<.050	<.006	.061	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
25...	<.004	<.050	<.006	E.009	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--
JUL													
08...	--	<.050	<.006	.055	<.006	--	<.002	<.007	--	--	--	--	--
24...	E.007	E.107	<.006	.044	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--
AUG													
07...	<.004	<.050	<.006	E.011	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--
20...	E.021	E.048	<.006	E.007	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--
SEP													
17...	<.004	<.050	<.006	E.009	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--

02089500 NEUSE RIVER AT KINSTON, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
OCT													
11...	<.01	<.003	<.007	<.002	<.010	<.006	<.011	<.02	E.01	<.004	<.010	<.011	<.02
NOV													
15...	<.01	<.003	<.007	<.002	<.010	<.006	<.011	<.02	.03	<.007	<.010	<.011	<.02
DEC													
13...	<.01	<.003	<.007	<.002	<.010	<.006	<.011	<.02	E.01	<.004	<.010	<.011	<.02
JAN													
16...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	E.01	<.004	<.010	<.011	<.02
FEB													
13...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	E.01	<.004	<.010	<.011	<.02
MAR													
04...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	E.01	<.004	<.010	<.011	<.02
20...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	E.01	<.004	<.010	<.011	<.02
APR													
02...	<.01	--	--	--	--	--	--	<.02	--	--	--	--	--
23...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	.03	.013	<.010	<.011	<.02
MAY													
14...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	.02	<.004	<.010	<.011	<.02
29...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	.02	.015	<.010	<.011	<.02
JUN													
12...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	.03	<.004	<.010	<.011	<.02
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
25...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	E.01	.005	<.010	<.011	<.02
JUL													
08...	--	<.003	<.010	<.004	<.022	<.006	<.011	--	.02	<.004	<.010	<.011	<.02
24...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	.02	<.004	<.010	<.011	<.02
AUG													
07...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	.02	<.004	<.010	<.011	<.02
20...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	E.01	<.004	<.010	<.011	<.02
SEP													
17...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	.02	<.004	<.010	<.011	<.02

Date	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)
OCT													
11...	<.010	<.02	E.004	<.02	.013	<.009	<.006	<.010	<.034	<.02	U	<.005	<.002
NOV													
15...	<.010	<.02	E.004	<.02	.013	<.009	<.006	<.010	<.034	<.02	U	<.005	<.002
DEC													
13...	<.010	<.02	E.004	<.02	.038	<.009	<.02	<.010	<.034	<.02	U	<.005	<.002
JAN													
16...	<.010	<.02	E.003	<.02	.123	<.009	<.02	<.010	<.034	<.02	U	<.005	<.002
FEB													
13...	<.010	<.02	<.008	<.02	.287	.020	<.02	<.010	<.034	<.02	U	<.005	<.002
MAR													
04...	<.010	<.02	<.008	<.02	.084	<.009	<.02	<.010	<.034	<.02	U	<.005	<.002
20...	<.010	<.02	<.008	<.02	.112	<.009	<.02	<.010	<.034	<.02	U	<.005	<.002
APR													
02...	<.010	<.02	<.008	<.02	--	<.009	<.006	<.010	--	--	--	--	--
23...	<.010	<.02	<.008	<.02	.100	<.009	E.01	<.010	<.034	<.02	--	<.005	<.002
MAY													
14...	<.010	<.02	<.008	<.02	.065	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002
29...	<.010	<.02	E.003	<.02	.045	<.009	E.01	<.010	<.034	<.02	--	<.005	<.002
JUN													
12...	<.010	<.02	<.008	<.02	.053	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
25...	<.010	<.02	<.008	<.02	.061	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002
JUL													
08...	--	--	--	--	.073	--	E.01	--	<.034	<.02	--	<.005	<.002
24...	<.010	<.02	<.008	<.02	.057	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002
AUG													
07...	<.010	<.02	<.008	<.02	.048	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002
20...	<.010	<.02	<.008	<.02	.064	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002
SEP													
17...	<.010	<.02	<.008	<.02	.049	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002

02089500 NEUSE RIVER AT KINSTON, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
OCT							
11...	<.009	<.02	<.009	<.02	94	18	41.8
NOV							
15...	<.009	<.02	<.009	<.02	58	11	15.1
DEC							
13...	--	<.02	<.009	<.02	53	25	46.6
JAN							
16...	--	.15	<.009	<.02	90	37	224
FEB							
13...	--	.04	<.009	<.02	96	43	483
MAR							
04...	--	E.01	<.009	<.02	88	16	83.8
20...	--	E.01	<.009	<.02	96	27	108
APR							
02...	--	.05	--	<.02	85	43	403
23...	--	<.02	<.009	<.02	94	16	60.5
MAY							
14...	--	<.02	<.009	<.02	88	7.0	12.6
29...	--	<.02	<.009	<.02	99	85	103
JUN							
12...	--	<.02	<.009	<.02	81	9.0	9.3
19...	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--
25...	--	<.02	<.009	<.02	--	--	--
JUL							
08...	--	--	<.009	--	90	8.0	7.9
24...	--	<.02	<.009	<.02	95	34	54.2
AUG							
07...	--	<.02	<.009	<.02	90	15	15.3
20...	--	<.02	<.009	<.02	91	4.0	5.8
SEP							
17...	--	<.02	<.009	<.02	91	11	13.8

Remark codes used in this report:
< -- Less than
E -- Estimated value
M -- Presence verified, not quantified
U -- Analyzed for, not detected

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), FOR PERIOD MARCH TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	106	98	102	148	141	145
2	---	---	---	---	---	---	99	92	96	153	147	151
3	---	---	---	---	---	---	99	90	96	156	151	153
4	---	---	---	---	---	---	90	78	83	153	143	149
5	---	---	---	---	---	---	79	76	78	149	144	146
6	---	---	---	---	---	---	79	78	79	151	144	148
7	---	---	---	---	---	---	80	78	79	151	142	146
8	---	---	---	---	---	---	87	80	83	156	151	153
9	---	---	---	---	---	---	99	87	93	157	144	154
10	---	---	---	---	---	---	108	96	102	156	144	151
11	---	---	---	---	---	---	108	103	104	155	145	151
12	---	---	---	---	---	---	103	98	102	154	146	150
13	---	---	---	---	---	---	108	103	105	---	---	---
14	---	---	---	---	---	---	115	108	112	---	---	---
15	---	---	---	---	---	---	115	112	113	153	149	152
16	---	---	---	---	---	---	114	109	111	153	141	146
17	---	---	---	---	---	---	120	114	117	156	145	152
18	---	---	---	---	---	---	124	120	122	157	149	154
19	---	---	---	---	---	---	---	---	---	159	155	158
20	---	---	---	---	---	---	---	---	---	159	154	158
21	---	---	---	---	---	---	---	---	---	154	143	149
22	---	---	---	---	---	---	---	---	---	155	147	152
23	---	---	---	---	---	---	---	---	---	161	152	157
24	---	---	---	---	---	---	---	---	---	167	161	164
25	---	---	---	---	---	---	130	128	129	172	167	169
26	---	---	---	---	---	---	132	127	130	176	169	174
27	---	---	---	119	116	117	132	129	130	175	163	173
28	---	---	---	121	116	119	135	131	134	177	171	174
29	---	---	---	122	117	120	137	134	136	180	174	177
30	---	---	---	123	120	121	142	135	140	186	161	180
31	---	---	---	124	104	119	---	---	---	192	186	190
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

02089500 NEUSE RIVER AT KINSTON, NC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), FOR PERIOD MARCH TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	193	177	185	---	---	---	162	138	148	131	124	127
2	183	170	175	221	215	218	176	162	172	140	130	135
3	174	162	172	219	210	216	177	174	175	169	131	154
4	179	171	175	213	195	205	177	175	175	132	114	124
5	181	175	179	201	121	191	185	177	183	116	115	116
6	185	178	183	186	155	179	195	184	189	119	115	117
7	189	184	187	185	173	178	205	193	199	127	119	122
8	190	187	189	---	---	---	219	205	212	133	127	131
9	195	176	192	197	180	188	228	219	223	145	133	138
10	186	175	180	208	172	199	228	224	226	151	145	148
11	193	172	186	213	203	209	228	224	226	162	151	157
12	200	185	196	214	207	212	228	207	220	167	161	163
13	201	185	198	208	202	205	---	---	---	177	167	174
14	203	191	199	---	---	---	---	---	---	189	177	184
15	208	197	203	---	---	---	241	212	237	195	189	192
16	199	185	189	203	168	186	242	239	240	197	190	194
17	195	180	186	168	150	156	248	189	239	199	195	198
18	203	195	199	156	152	154	241	219	233	200	195	198
19	204	200	202	162	154	157	233	218	225	208	193	200
20	209	203	205	181	162	174	241	204	234	210	182	203
21	212	209	210	193	180	187	234	211	223	182	147	155
22	214	179	207	192	162	187	244	212	233	150	147	148
23	212	207	210	200	164	189	242	208	222	153	150	151
24	213	207	210	204	162	190	224	214	221	157	151	152
25	214	204	212	214	172	194	217	205	211	166	157	163
26	222	209	213	217	179	202	205	153	190	172	166	170
27	223	212	215	198	164	184	182	176	180	176	172	174
28	216	203	210	164	144	157	189	182	186	183	176	181
29	---	---	---	188	156	177	195	169	179	188	182	186
30	---	---	---	163	129	138	213	167	201	193	188	190
31	---	---	---	138	130	133	167	118	133	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	210	114	162

WATER TEMPERATURE, DEGREES CELSIUS, FOR PERIOD MARCH TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	19.1	18.2	18.6	23.5	21.5	22.4
2	---	---	---	---	---	---	18.7	17.6	18.2	25.0	22.4	23.6
3	---	---	---	---	---	---	19.2	18.2	18.7	24.4	23.3	24.0
4	---	---	---	---	---	---	18.9	17.1	17.8	23.3	20.2	21.6
5	---	---	---	---	---	---	17.6	16.4	17.0	20.2	19.0	19.5
6	---	---	---	---	---	---	17.1	16.0	16.5	21.6	18.2	19.8
7	---	---	---	---	---	---	16.1	14.9	15.6	23.3	20.4	21.7
8	---	---	---	---	---	---	16.2	14.8	15.5	25.3	22.4	23.7
9	---	---	---	---	---	---	17.4	15.9	16.6	26.8	24.1	25.3
10	---	---	---	---	---	---	17.7	17.3	17.5	27.9	25.0	26.3
11	---	---	---	---	---	---	18.1	16.7	17.5	26.9	25.2	26.0
12	---	---	---	---	---	---	19.4	17.9	18.6	26.9	24.2	25.4
13	---	---	---	---	---	---	19.7	19.0	19.4	---	---	---
14	---	---	---	---	---	---	20.7	19.5	20.1	---	---	---
15	---	---	---	---	---	---	21.9	20.3	21.0	25.0	22.3	23.6
16	---	---	---	---	---	---	23.2	21.4	22.3	25.1	22.0	23.5
17	---	---	---	---	---	---	24.4	22.5	23.4	25.7	22.6	24.0
18	---	---	---	---	---	---	25.4	23.6	24.5	24.5	22.6	23.8
19	---	---	---	---	---	---	---	---	---	22.6	20.2	21.3
20	---	---	---	---	---	---	---	---	---	21.9	19.1	20.4
21	---	---	---	---	---	---	---	---	---	21.7	19.0	20.2
22	---	---	---	---	---	---	---	---	---	20.8	18.8	19.7
23	---	---	---	---	---	---	---	---	---	22.1	18.1	20.0
24	---	---	---	---	---	---	---	---	---	23.6	19.3	21.4
25	---	---	---	---	---	---	22.7	21.8	22.3	25.8	21.4	23.5
26	---	---	---	---	---	---	22.0	20.8	21.4	26.4	23.2	24.8
27	---	---	---	18.1	16.6	17.3	21.1	20.3	20.7	27.4	23.8	25.5
28	---	---	---	18.1	16.5	17.3	22.1	20.1	21.0	27.3	24.3	25.8
29	---	---	---	18.4	16.6	17.4	24.0	21.4	22.5	26.5	24.6	25.6
30	---	---	---	18.5	17.7	18.1	23.7	21.4	22.5	27.3	24.8	25.9
31	---	---	---	19.2	18.4	18.7	---	---	---	28.7	25.0	26.7
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

WATER TEMPERATURE, DEGREES CELSIUS, FOR PERIOD MARCH TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	

02089500 NEUSE RIVER AT KINSTON, NC--Continued

1	29.8	26.4	27.9	---	---	---	32.0	30.1	30.9	25.0	24.5	24.8
2	30.3	27.1	28.6	31.0	28.3	29.6	31.9	29.6	30.7	24.6	24.0	24.3
3	30.6	27.7	29.1	31.4	28.8	30.0	31.6	29.1	30.3	25.2	23.8	24.4
4	30.5	27.3	28.9	31.9	29.0	30.3	31.7	29.0	30.3	25.3	24.1	24.7
5	30.8	27.5	29.1	32.4	27.9	30.4	31.5	28.7	30.1	26.0	24.8	25.4
6	31.0	27.8	29.3	31.8	28.6	30.1	30.3	28.5	29.5	26.2	25.1	25.6
7	29.3	26.6	28.2	31.0	28.2	29.7	29.8	26.5	28.1	26.5	25.0	25.7
8	27.1	24.9	25.9	---	---	---	28.8	25.5	27.2	26.8	25.3	25.9
9	27.7	23.4	25.4	31.5	27.6	29.5	28.0	25.0	26.6	26.5	25.1	25.8
10	28.3	24.0	26.1	31.0	28.5	29.7	28.6	24.6	26.7	26.3	25.2	25.6
11	29.2	24.9	27.0	29.4	27.1	28.3	29.7	24.9	27.3	27.4	25.0	26.1
12	30.3	26.2	28.1	27.1	25.6	26.5	30.3	26.0	28.2	27.1	24.8	25.9
13	31.2	27.3	29.3	27.6	25.2	26.5	---	---	---	26.8	24.5	25.6
14	31.0	28.0	29.2	---	---	---	---	---	---	25.9	24.9	25.4
15	30.6	27.4	28.9	---	---	---	30.5	27.4	28.9	26.3	24.4	25.4
16	30.0	26.7	28.4	30.1	27.0	28.4	30.5	27.7	29.2	27.1	25.3	26.1
17	29.4	27.0	28.1	31.6	28.4	29.9	31.8	28.1	29.4	27.8	25.6	26.6
18	27.9	26.4	27.1	32.4	29.2	30.8	31.7	28.0	29.8	27.0	25.7	26.4
19	27.3	25.4	26.3	32.8	29.9	31.3	32.2	28.6	30.2	27.0	25.3	26.1
20	27.7	25.2	26.3	33.5	30.4	31.8	31.6	29.0	29.9	27.1	25.7	26.3
21	27.4	24.7	26.0	31.8	29.4	30.6	31.1	28.4	29.5	27.2	25.3	26.2
22	27.7	24.7	26.2	30.8	28.8	29.6	31.4	28.1	29.7	27.3	25.4	26.3
23	30.1	25.7	27.6	30.4	28.0	29.1	32.1	28.9	30.4	27.1	25.7	26.3
24	31.4	26.9	29.0	29.7	28.2	28.9	32.8	29.7	31.1	26.6	25.2	25.9
25	32.1	28.0	30.0	29.7	27.7	28.5	32.7	29.4	31.0	25.6	24.7	25.1
26	31.6	27.3	29.4	30.1	27.7	28.8	31.1	28.9	29.9	25.6	24.2	24.8
27	29.9	26.7	28.5	30.1	27.9	28.9	29.0	28.0	28.4	26.6	24.5	25.5
28	30.2	27.1	28.6	30.7	28.4	29.5	28.0	26.9	27.3	27.6	25.6	26.4
29	---	---	---	31.2	29.6	30.3	27.3	26.1	26.6	27.1	25.0	26.0
30	---	---	---	31.8	29.9	30.8	26.3	25.7	26.1	26.6	24.5	25.4
31	---	---	---	32.5	30.5	31.3	25.8	25.0	25.4	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	27.8	23.8	25.7