02085000 ENO RIVER AT HILLSBOROUGH, NC

LOCATION.--Lat 36°04'16", long 79°05'44", Orange County, Hydrologic Unit 03020201, on left bank 900 ft downstream of bridge on State Highway 86 at Hillsborough, and 2 mi downstream of Sevenmile Creek.

DRAINAGE AREA.--66.0 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1927 to September 1971, October 1985 to current year.

REVISED RECORD.--WDR NC-96-1: 1945(M).

GAGE.--Water-stage recorder. Datum of gage is 487.44 ft above NGVD of 1929. Telephone and satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Diversions upstream from station of 0.80 ft^3/s by Orange-Alamance Water System, Inc. and 1.8 ft^3/s by town of Hillsborough for municipal supply, part of which is returned downstream of station as treated effluent. Maximum gage height for period of record, 21.13 ft, from high-water mark in gage shelter. No flow for part of Sept. 13, 2002.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27	14	49	22	77	202	97	69	8.1	7.3	7.4	3.1
2	36	13	44	20	56	109	114	52	15	6.0	5.7	2.4
3	62	14	38	20	78	76	117	36	35	5.2	2.4	1.9
4	34	40	29	20	142	58	84	25	22	5.6	1.2	0.92
5	31	56	25	21	93	51	69	22	15	9.0	5.2	0.84
6	25	34	23	22	67	48	60	28	14	8.3	4.7	0.47
7	19	24	27	21	53	42	55	27	20	7.3	5.0	0.35
8	16	20	26	20	47	147	107	23	36	10	5.5	0.36
9	14	17	24	20	43	120	210	19	24	8.6	20	0.31
10	14	13	830	17	48	79	100	16	118	5.0	12	e0.28
11	12	13	398	17	42	64	75	15	53	3.1	5.5	e0.30
12	12	85	162	16	36	76	63	15	19	1.8	2.8	e0.36
13	37	356	92	21	34	56	71	51	9.7	1.4	3.2	e0.75
14	61	130	61	1,160	39	54	67	21	5.6	3.4	16	e1.0
15	34	69	45	391	57	46	54	16	6.5	8.9	14	e1.7
16	23	44	37	154	49	68	44	17	12	7.7	6.4	e1.8
17	17	33	34	101	41	305	37	13	8.9	5.3	8.7	e1.8
18	14	28	32	72	33	216	35	11	4.9	4.5	5.9	e1.8
19	13	24	31	56	28	123	36	37	5.0	3.9	3.3	e2.0
20	27	21	29	51	28	91	34	87	5.2	3.5	3.7	2.2
21	29	21	23	58	30	72	31	88	4.0	2.8	4.7	3.9
22	24	16	24	53	32	59	30	37	3.4	2.4	2.6	e2.6
23	21	41	35	51	29	95	31	22	3.6	e2.3	3.4	e2.1
24	18	118	57	37	58	139	30	16	3.2	e2.2	8.4	e2.0
25	19	109	40	37	85	96	25	15	2.7	e1.8	3.9	e1.9
26	17	71	33	41	55	77	23	13	2.2	e1.6	2.7	e1.7
27	15	45	27	39	43	66	24	11	13	2.4	4.2	e1.7
28	14	164	23	31	242	412	22	9.9	12	1.4	4.5	e2.1
29	14	102	22	28	---	341	23	9.4	7.2	9.3	3.6	e1.9
30	14	65	23	78	---	162	29	8.7	9.7	9.2	4.0	e1.7
31	15	---	22	115	---	116	---	8.4	---	7.1	4.3	---
TOTAL	728	1,800	2,365	2,810	1,665	3,666	1,797	838.4	497.9	158.3	184.9	46.24
MEAN	23.5	60.0	76.3	90.6	59.5	118	59.9	27.0	16.6	5.11	5.96	1.54
MAX	62	356	830	1,160	242	412	210	88	118	10	20	3.9
MIN	12	13	22	16	28	42	22	8.4	2.2	1.4	1.2	0.28
CFSM	0.36	0.91	1.16	1.37	0.90	1.79	0.91	0.41	0.25	0.08	0.09	0.02
IN.	0.41	1.01	1.33	1.58	0.94	2.07	1.01	0.47	0.28	0.09	0.10	0.03

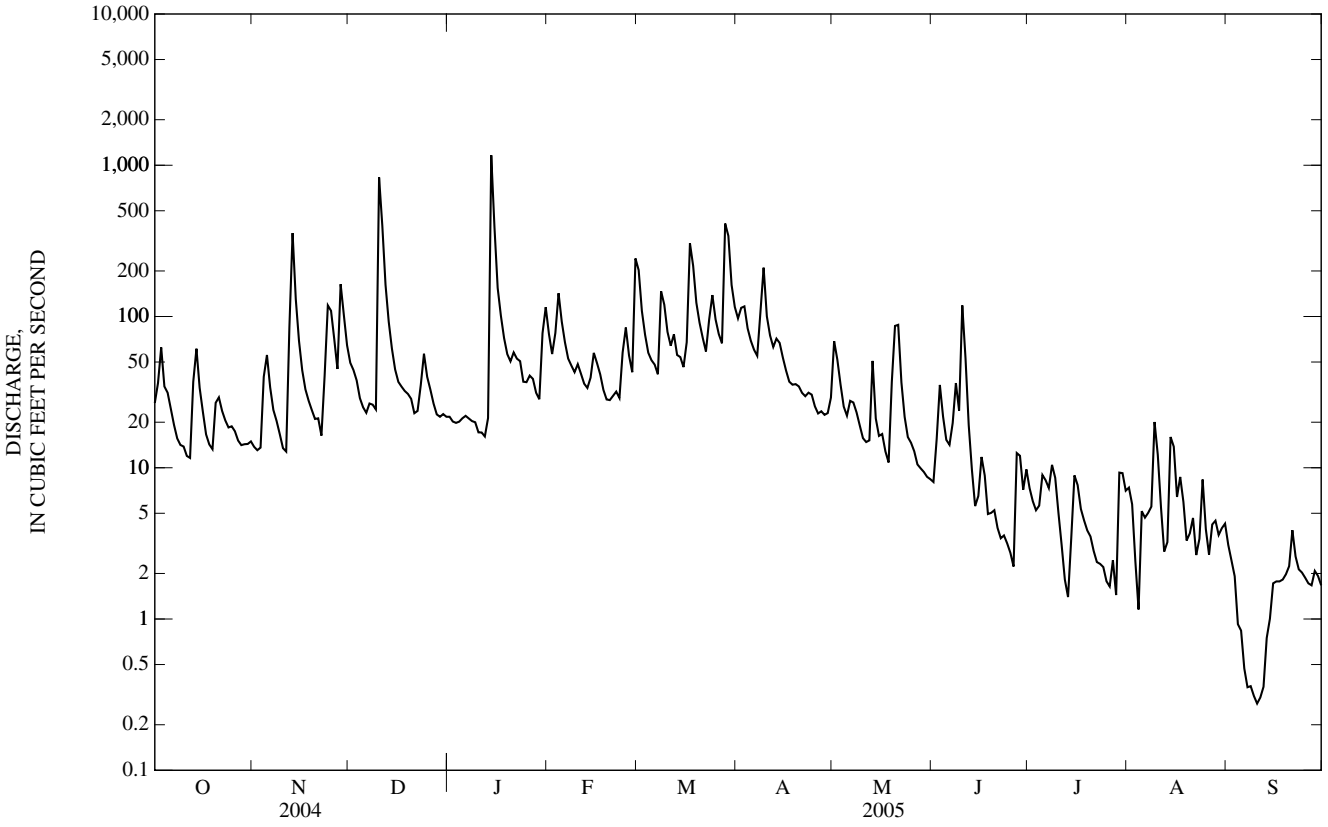
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1928 - 2005,@ BY WATER YEAR (WY)

MEAN	29.2	43.8	56.9	89.1	111	120	95.1	50.9	38.4	37.0	32.7	38.1
MAX	181	213	183	326	311	354	304	175	210	359	256	342
(WY)	(1930)	(1986)	(2003)	(1936)	(1998)	(1998)	(2003)	(2003)	(1995)	(1938)	(1939)	(1945)
MIN	0.63	0.82	3.64	5.16	17.2	22.4	12.4	4.17	1.75	1.28	0.85	0.28
(WY)	(1987)	(1942)	(1942)	(1942)	(2002)	(2002)	(2002)	(2002)	(1986)	(1986)	(1987)	(1954)

02085000 ENO RIVER AT HILLSBOROUGH, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1928 - 2005[@]	
ANNUAL TOTAL	17,608.9		16,556.74			
ANNUAL MEAN	48.1		45.4		61.6	
HIGHEST ANNUAL MEAN					154	2003
LOWEST ANNUAL MEAN					9.67	2002
HIGHEST DAILY MEAN	830	Dec 10	1,160	Jan 14	4,600	Sep 6, 1996
LOWEST DAILY MEAN	2.2	Jul 15	0.28	Sep 10	0.02	Jul 10, 1986
ANNUAL SEVEN-DAY MINIMUM	2.8	Jul 9	0.35	Sep 6	0.10	Oct 6, 1954
MAXIMUM PEAK FLOW			2,540	Jan 14	10,800	Sep 6, 1996
MAXIMUM PEAK STAGE			13.85	Jan 14	21.13*	Sep 6, 1996
INSTANTANEOUS LOW FLOW			NOT DETERMINED		0.00*	Sep 13, 2002
ANNUAL RUNOFF (CFSM)	0.729		0.687		0.933	
ANNUAL RUNOFF (INCHES)	9.93		9.33		12.67	
10 PERCENT EXCEEDS	92		95		117	
50 PERCENT EXCEEDS	29		23		26	
90 PERCENT EXCEEDS	6.5		2.4		4.0	

[@] See PERIOD OF RECORD.
* See REMARKS.
e Estimated.



02085000 ENO RIVER AT HILLSBOROUGH, NC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1990 to current year.

REMARKS.--Station operated to define water quality as part of a six-county regional surface-water quality assessment.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Instantaneous discharge, cfs (00061)	Color, water, fltrd, Pt-Co units (00080)	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)	Hardness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)
OCT													
18...	0945	14	25	753	8.3	82	7.0	100	13.9	32	7.82	3.05	1.93
DEC													
09...	0900	24	40	752	9.2	83	7.3	91	10.3	31	7.36	3.08	1.85
20...	1100	32	--	754	12.5	92	7.0	83	2.5	29	6.67	3.07	1.71
JAN													
26...	1400	39	--	741	12.0	92	7.2	88	3.2	29	6.75	2.89	1.62
FEB													
08...	0900	51	75	755	10.8	88	7.0	90	6.1	27	6.43	2.65	1.71
MAR													
28...	1130	698	150	734	9.8	95	6.5	73	12.4	25	6.00	2.43	1.47
APR													
13...	1115	72	62	745	8.3	83	6.6	83	14.8	29	7.00	2.92	1.27
29...	0830	22	--	749	8.3	83	6.9	97	14.7	31	7.22	3.19	1.19
JUN													
16...	0930	12	30	744	5.0	62	6.6	108	24.9	33	7.72	3.35	1.78
17...	1630	7.6	--	747	4.6	58	7.2	115	26.2	34	7.86	3.54	1.67
AUG													
10...	0900	14	100	750	5.4	66	6.5	92	24.6	27	6.53	2.64	1.84

Date	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf fixed end pt, field, mg/L as CaCO3 (00410)	ANC, wat unf incrm. titr., field, mg/L as CaCO3 (00419)	Bicarbonate, wat unf incrm. titr., field, mg/L (00450)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)
OCT													
18...	5.57	--	30	37	5.85	E.1	14.5	4.1	62	--	.30	.012	.247
DEC													
09...	5.33	--	29	35	6.49	E.1	13.9	4.3	64	--	.31	.022	.374
20...	5.51	--	31	37	5.87	E.1	--	4.6	--	.28	--	.07	.42
JAN													
26...	6.76	34	--	--	7.84	<.1	--	5.0	--	.26	--	.06	.44
FEB													
08...	6.34	--	35	43	8.10	<.1	12.0	5.3	65	--	.37	.036	.386
MAR													
28...	4.83	--	21	27	5.45	<.1	9.74	4.6	69	--	1.0	.041	.309
APR													
13...	5.70	--	24	29	6.24	E.1	10.3	4.2	65	--	.36	.030	.267
29...	5.65	28	--	--	6.51	E.1	--	4.3	--	.24	--	<.04	.29
JUN													
16...	6.20	--	31	37	6.16	E.1	10.3	4.9	62	--	.37	.047	.277
17...	7.02	30	--	--	6.82	.1	--	5.4	--	.33	--	E.04	.27
AUG													
10...	5.31	--	29	35	5.57	E.1	8.57	4.4	62	--	.42	.044	.147

02085000 ENO RIVER AT HILLSBOROUGH, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Nitrite water, fltrd, mg/L as N (00613)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	Alum-inum, water, unfltrd recover-able, ug/L (01105)	Arsenic water unfltrd ug/L (01002)	Cadmium water, unfltrd ug/L (01027)	Chrom-ium, water, unfltrd recover-able, ug/L (01034)	Cobalt water, unfltrd recover-able, ug/L (01037)	Copper, water, unfltrd recover-able, ug/L (01042)	Iron, water, unfltrd recover-able, ug/L (01045)	Lead, water, unfltrd recover-able, ug/L (01051)	Mangan-ese, water, unfltrd recover-able, ug/L (01055)
OCT													
18...	E.001	E.003	.020	6.0	92	<2	<.04	<.8	.324	1.3	690	.18	78
DEC													
09...	.004	E.004	.021	4.7	--	--	--	--	--	--	--	--	--
20...	E.004	<.02	--	--	--	--	--	--	--	--	--	--	--
JAN													
26...	E.005	<.02	--	--	--	--	--	--	--	--	--	--	--
FEB													
08...	.004	<.006	.032	5.8	--	--	--	--	--	--	--	--	--
MAR													
28...	.004	.007	.18	12.5	1,730	<2	E.04	1.6	3.60	5.6	4,060	4.10	625
APR													
13...	.003	<.006	.031	6.5	145	<2	<.04	E.5	.493	1.4	990	.35	140
29...	<.008	<.02	--	--	--	--	--	--	--	--	--	--	--
JUN													
16...	.004	<.006	.027	5.5	--	--	--	--	--	--	--	--	--
17...	E.005	<.02	--	--	--	--	--	--	--	--	--	--	--
AUG													
10...	.003	<.006	.043	6.9	--	--	--	--	--	--	--	--	--

Date	Mercury water, unfltrd recover-able, ug/L (71900)	Molyb-denum, water, unfltrd recover-able, ug/L (01062)	Nickel, water, unfltrd recover-able, ug/L (01067)	Selen-ium, water, unfltrd ug/L (01147)	Silver, water, unfltrd recover-able, ug/L (01077)	Zinc, water, unfltrd recover-able, ug/L (01092)	Sus-pended sedi-ment concen-tration mg/L (80154)
OCT							
18...	<.01	<.2	.48	.5	<.16	E2	4
DEC							
09...	--	--	--	--	--	--	4
20...	--	--	--	--	--	--	--
JAN							
26...	--	--	--	--	--	--	--
FEB							
08...	--	--	--	--	--	--	8
MAR							
28...	E.01	<.2	1.31	<.4	<.16	14	254
APR							
13...	<.01	<.2	.53	.6	<.16	2	8
29...	--	--	--	--	--	--	--
JUN							
16...	--	--	--	--	--	--	8
17...	--	--	--	--	--	--	--
AUG							
10...	--	--	--	--	--	--	15

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

02085070 ENO RIVER NEAR DURHAM, NC

LOCATION.--Lat 36°04'20", long 78°54'28", Durham County, Hydrologic Unit 03020201, on right bank 275 ft downstream of bridge on U.S. Highway 501, 0.2 mi downstream of Crooked Creek, and 5 mi north of Durham.

DRAINAGE AREA.--141 mi^2

PERIOD OF RECORD.--Occasional low-flow measurements, water year 1955. August 1963 to current year.

REVISED RECORDS.--WDR NC-72-1: 1968-71(M), 1971(P).

GAGE.--Water-stage recorder. Elevation of gage is 270 ft above NGVD of 1929, from topographic map. Prior to Nov. 19, 1966, at site 275 ft upstream, at datum 272.35 ft. Nov. 20, 1966, to Sept. 30, 1967, water-stage recorder at present site, at datum 270.94 ft. U.S. Army Corps of Engineers satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Some regulation during periods of low flow caused by mill 600 ft upstream. Maximum gage height for period of record, 23.58 ft, from floodmark. Minimum discharge for period of record also occurred on Aug. 15, 1977. Minimum discharge for current water year also occurred Sept. 12.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	52	32	113	63	152	556	187	85	23	23	14	4.7
2	64	30	100	60	118	250	264	105	39	24	13	5.0
3	96	29	90	59	131	158	252	74	87	18	11	4.3
4	70	42	80	58	290	127	163	64	87	15	8.9	3.5
5	56	82	72	59	186	114	132	57	52	15	6.2	2.9
6	50	70	67	61	135	107	116	66	42	16	5.7	2.7
7	42	57	69	61	113	100	173	67	273	31	7.4	2.6
8	37	47	71	60	103	342	344	60	191	55	8.0	2.3
9	33	42	70	59	96	396	607	54	114	37	43	1.9
10	31	36	824	57	94	189	238	48	170	22	54	1.7
11	28	30	800	55	92	152	156	45	161	16	28	1.8
12	26	85	349	54	82	163	128	43	88	10	13	1.8
13	133	525	176	77	77	139	146	58	66	7.2	13	2.3
14	119	237	122	1,630	79	124	143	60	56	5.6	28	2.5
15	82	115	98	880	93	116	116	48	49	5.2	24	4.3
16	60	83	86	353	96	154	98	43	39	7.4	34	4.4
17	47	70	79	196	87	728	89	42	30	15	35	4.4
18	39	62	76	137	77	581	84	37	23	9.9	25	4.4
19	35	57	74	112	69	317	82	34	17	7.2	14	5.5
20	36	54	72	103	66	210	80	96	14	6.5	10	5.9
21	48	52	66	106	69	165	75	135	14	5.7	6.8	5.2
22	47	53	62	105	71	143	71	89	14	5.7	5.3	14
23	43	79	80	98	69	178	74	55	12	5.3	5.3	9.0
24	41	207	104	86	95	339	71	47	e10	4.1	5.3	6.0
25	38	184	93	78	155	225	67	44	e9.7	3.8	4.6	5.6
26	38	137	79	82	115	171	61	39	e8.9	3.6	9.3	4.2
27	37	99	73	82	94	150	59	35	e22	4.4	6.1	3.5
28	34	403	66	74	507	1,030	57	30	31	4.4	5.2	4.1
29	32	250	65	69	---	846	58	28	40	8.7	4.9	4.0
30	34	143	65	134	---	417	62	26	23	14	6.3	3.6
31	35	---	64	225	---	250	---	24	---	24	5.3	---
TOTAL	1,563	3,392	4,305	5,333	3,411	8,937	4,253	1,738	1,805.6	429.7	459.6	128.1
MEAN	50.4	113	139	172	122	288	142	56.1	60.2	13.9	14.8	4.27
MAX	133	525	824	1,630	507	1,030	607	135	273	55	54	14
MIN	26	29	62	54	66	100	57	24	8.9	3.6	4.6	1.7
CFSM	0.36	0.80	0.98	1.22	0.86	2.04	1.01	0.40	0.43	0.10	0.11	0.03
IN.	0.41	0.89	1.14	1.41	0.90	2.36	1.12	0.46	0.48	0.11	0.12	0.03

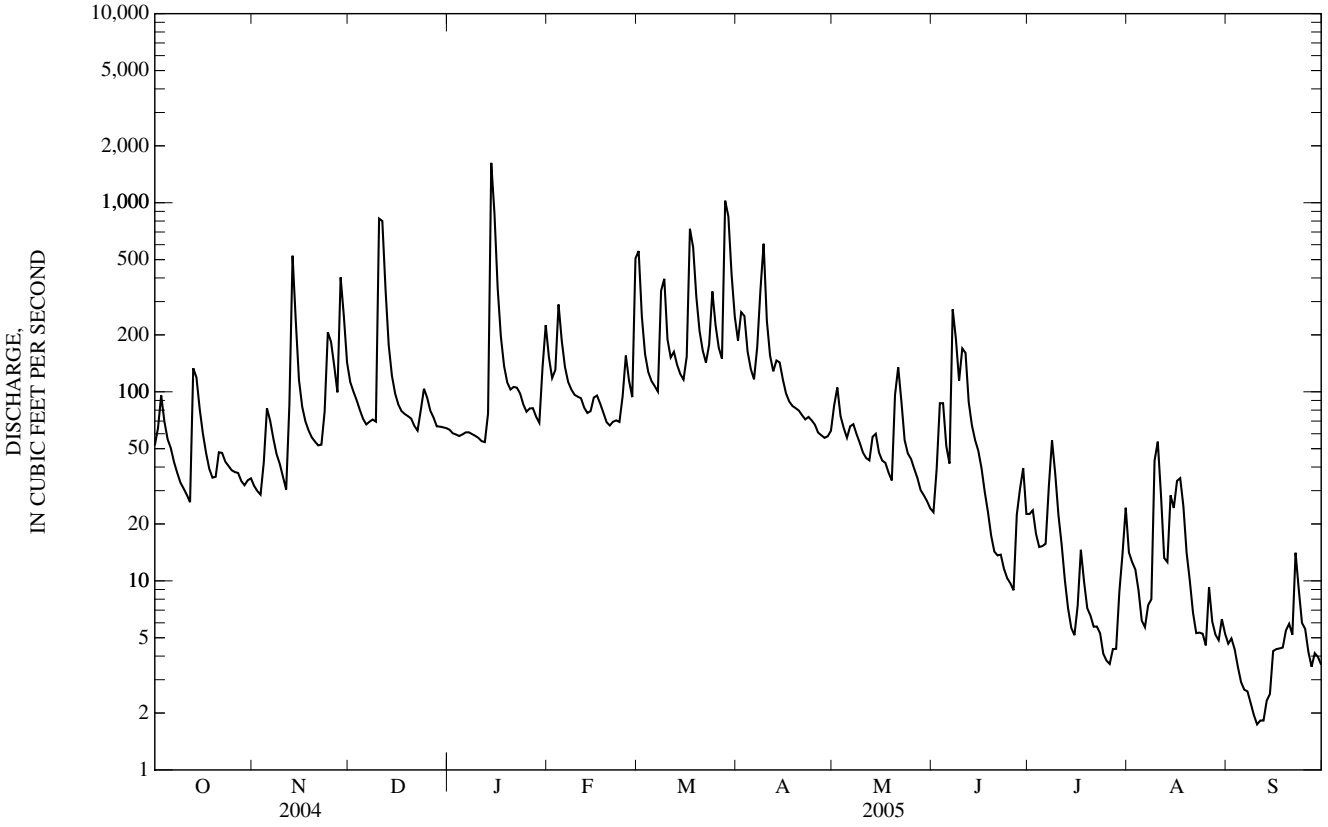
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1963 - 2005, BY WATER YEAR (WY)

MEAN	60.3	76.1	112	196	242	280	188	120	87.0	70.5	54.7	72.1
MAX	456	462	406	517	638	767	603	429	411	452	282	606
(WY)	(1972)	(1986)	(1973)	(1998)	(1998)	(1998)	(2003)	(1978)	(1982)	(1975)	(1985)	(1999)
MIN	4.77	7.27	11.3	21.4	47.1	61.5	34.9	10.2	5.28	6.01	3.34	0.84
(WY)	(1964)	(2002)	(2002)	(1981)	(2002)	(2002)	(1995)	(2002)	(2002)	(2002)	(1977)	(1968)

02085070 ENO RIVER NEAR DURHAM, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1963 - 2005	
ANNUAL TOTAL	34,871.2		35,755.0			
ANNUAL MEAN	95.3		98.0		129	
HIGHEST ANNUAL MEAN					293	2003
LOWEST ANNUAL MEAN					26.7	2002
HIGHEST DAILY MEAN	970	Aug 30	1,630	Jan 14	9,900	Sep 6, 1996
LOWEST DAILY MEAN	1.6	Jul 17	1.7	Sep 10	0.08	Aug 14, 1977
ANNUAL SEVEN-DAY MINIMUM	2.4	Jul 11	2.0	Sep 8	0.20	Aug 8, 1977
MAXIMUM PEAK FLOW			2,830	Jan 14	14,700	Sep 6, 1996
MAXIMUM PEAK STAGE			9.11	Jan 14	23.58*	Sep 6, 1996
INSTANTANEOUS LOW FLOW			1.5*	Sep 10	0.06*	Aug 14, 1977
ANNUAL RUNOFF (CFSM)	0.676		0.695		0.918	
ANNUAL RUNOFF (INCHES)	9.20		9.43		12.48	
10 PERCENT EXCEEDS	184		190		263	
50 PERCENT EXCEEDS	62		60		53	
90 PERCENT EXCEEDS	16		5.3		6.9	

* See REMARKS.
e Estimated.



0208521324 LITTLE RIVER AT SECONDARY ROAD 1461 NEAR ORANGE FACTORY, NC

LOCATION.--Lat 36°08'30", long 78°55'09", Durham County, Hydrologic Unit 03020201, on right bank, 5 feet downstream from bridge on Secondary Road 1461, and 1.8 mi northwest of Orange Factory.

DRAINAGE AREA.--78.2 mi^2.

PERIOD OF RECORD.--October 1987 to current year. Prior to October 1987, equivalent records published as "Little River near Orange Factory, NC" (02085220), September 1961 to September 1987.

GAGE.--Water-stage recorder. Datum of gage is 380 ft above NGVD of 1929, from topographic map. Satellite telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Maximum discharge for period of record from extension of rating curve above 2,300 ft^3/s, based on contracted-opening measurement of peak flow; maximum gage height, 13.26 ft, from high-water mark in gage shelter. No flow occurs periodically.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22	13	77	41	95	307	108	61	18	12	2.3	0.81
2	20	13	70	40	71	139	144	69	22	e10	2.2	0.64
3	26	12	65	39	83	103	153	47	46	e7.5	2.2	0.51
4	18	37	57	40	192	88	96	41	51	e6.4	1.9	0.43
5	15	68	51	39	110	82	79	38	29	e6.5	1.7	0.34
6	15	35	51	39	81	79	69	41	23	6.3	1.6	0.28
7	13	24	51	38	67	72	95	43	18	7.1	1.4	0.24
8	12	19	51	38	61	152	158	40	18	8.0	1.2	0.21
9	11	16	50	38	57	174	152	36	127	11	e11	0.22
10	12	15	1,270	39	57	106	97	34	393	10	e5.9	0.23
11	11	14	432	36	59	89	81	32	94	7.2	3.9	0.21
12	10	41	167	36	51	88	70	30	48	5.5	2.8	0.17
13	29	396	113	42	47	80	75	30	33	4.8	2.4	0.15
14	69	117	90	1,270	49	77	74	28	29	4.2	2.2	0.15
15	32	75	75	413	59	73	64	28	28	4.0	1.8	0.14
16	21	59	67	156	60	84	55	28	23	3.6	1.5	0.13
17	16	50	62	111	52	450	53	27	18	3.5	7.3	0.11
18	14	46	57	86	45	335	54	26	15	3.1	13	0.11
19	13	42	54	72	41	162	50	25	14	2.7	7.9	0.09
20	53	40	51	68	39	122	49	26	13	2.4	4.7	0.10
21	40	37	47	69	41	103	48	31	12	2.1	3.4	0.18
22	25	36	47	66	43	91	46	29	11	2.1	2.7	0.15
23	20	48	55	63	42	117	48	25	10	2.4	2.2	0.13
24	18	132	69	56	57	195	46	24	9.6	2.0	2.2	0.11
25	17	140	63	51	111	130	44	22	8.9	1.7	1.9	0.10
26	16	94	53	56	74	107	42	21	8.5	1.6	1.7	0.08
27	15	68	47	54	59	97	42	20	8.3	1.7	1.5	0.08
28	15	246	43	45	370	780	40	19	17	1.3	1.2	0.07
29	14	141	43	40	---	410	41	18	23	1.4	1.0	0.06
30	14	92	44	75	---	183	43	17	17	2.0	0.90	0.05
31	14	---	42	159	---	129	---	17	---	2.4	0.95	---
TOTAL	640	2,166	3,514	3,415	2,173	5,204	2,216	973	1,185.3	146.5	98.55	6.28
MEAN	20.6	72.2	113	110	77.6	168	73.9	31.4	39.5	4.73	3.18	0.21
MAX	69	396	1,270	1,270	370	780	158	69	393	12	13	0.81
MIN	10	12	42	36	39	72	40	17	8.3	1.3	0.90	0.05
CFSM	0.26	0.92	1.45	1.41	0.99	2.15	0.94	0.40	0.51	0.06	0.04	0.00
IN.	0.30	1.03	1.67	1.62	1.03	2.48	1.05	0.46	0.56	0.07	0.05	0.00

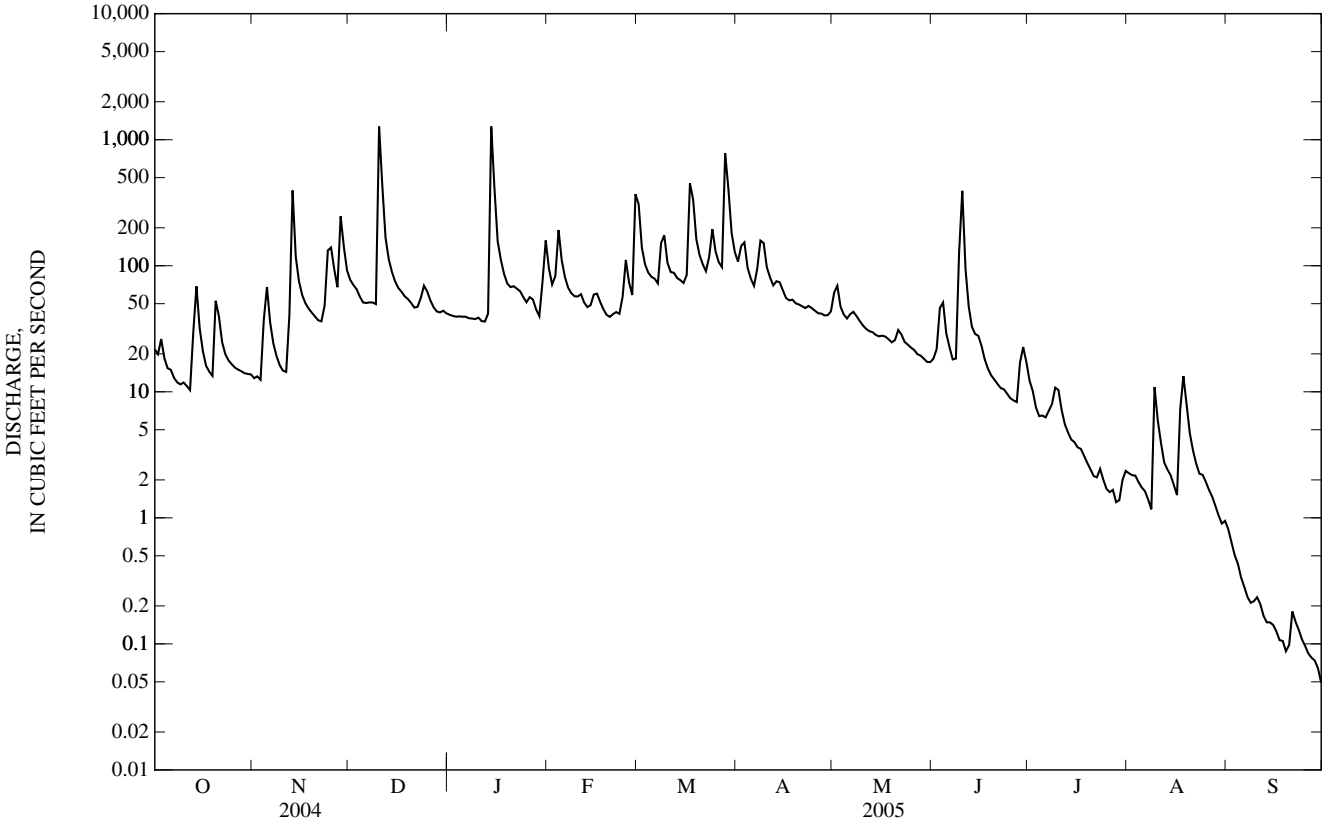
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2005, BY WATER YEAR (WY)

MEAN	40.1	43.8	70.6	119	128	181	116	57.4	42.6	32.4	28.7	52.1
MAX	222	122	215	257	379	456	346	203	194	141	125	329
(WY)	(2003)	(2003)	(2003)	(1998)	(1998)	(1993)	(2003)	(2003)	(1995)	(2003)	(2003)	(1996)
MIN	0.14	1.33	5.06	24.2	22.4	30.9	17.1	7.48	2.08	0.31	0.37	0.21
(WY)	(1994)	(1999)	(2002)	(2001)	(2002)	(1988)	(1995)	(2002)	(2002)	(2002)	(1999)	(2005)

0208521324 LITTLE RIVER AT SECONDARY ROAD 1461 NEAR ORANGE FACTORY, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1987 - 2005	
ANNUAL TOTAL	21,143.4		21,737.63			
ANNUAL MEAN	57.8		59.6		75.7	
HIGHEST ANNUAL MEAN					195	2003
LOWEST ANNUAL MEAN					14.8	2002
HIGHEST DAILY MEAN	1,270	Dec 10	1,270	Dec 10	6,500	Sep 6, 1996
LOWEST DAILY MEAN	2.4	Jul 16	0.05	Sep 30	0.00	Aug 19, 1988
ANNUAL SEVEN-DAY MINIMUM	2.6	Jul 12	0.08	Sep 24	0.00	Aug 19, 1988
MAXIMUM PEAK FLOW			2,190	Dec 10	11,600*	Sep 6, 1996
MAXIMUM PEAK STAGE			5.74	Dec 10	13.26*	Sep 6, 1996
INSTANTANEOUS LOW FLOW			0.03	Sep 30	0.00*	Aug 19, 1998
ANNUAL RUNOFF (CFSM)	0.739		0.762		0.968	
ANNUAL RUNOFF (INCHES)	10.06		10.34		13.15	
10 PERCENT EXCEEDS	98		115		151	
50 PERCENT EXCEEDS	40		38		27	
90 PERCENT EXCEEDS	7.3		1.4		1.8	

* See REMARKS.
e Estimated.



0208524090 MOUNTAIN CREEK AT SECONDARY ROAD 1617 NEAR BAHAMA, NC

LOCATION.--Lat 36°08'59", long 78°53'48", Durham County, Hydrologic Unit 03020201, on right bank at bridge on Secondary Road 1617 and 1.6 mi southwest of Bahama.

DRAINAGE AREA.--8.0 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1994 to current year.

GAGE.--Water-stage recorder. Datum of gage is 360.95 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Maximum gage height for period of record from floodmarks. Maximum gage height for period of record occurred Sept. 6, 1996, discharge not determined. No flow occurred on many days during the period.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.7	1.4	5.2	2.2	5.7	16	7.2	6.4	0.40	0.23	0.10	0.03
2	1.6	1.6	4.2	2.1	4.5	8.5	17	3.4	e13	0.19	0.08	0.02
3	1.6	1.6	3.5	2.3	8.4	6.3	10	2.2	e5.0	0.18	0.07	0.15
4	1.5	12	3.2	2.2	10	5.3	6.8	1.8	2.8	0.15	0.07	0.06
5	1.2	7.3	2.9	2.2	6.5	5.1	5.7	1.7	1.3	0.13	0.06	0.02
6	1.0	3.5	2.8	2.2	5.0	4.5	5.1	2.6	0.86	0.12	0.06	0.01
7	1.0	2.6	3.8	2.1	4.3	4.0	e9.0	2.2	0.77	0.14	0.05	0.01
8	1.0	2.1	3.4	2.1	3.8	15	e13	1.7	0.76	0.35	0.06	0.00
9	0.96	1.8	3.0	1.9	3.6	9.4	e11	1.5	9.3	0.20	14	0.00
10	1.1	1.5	53	2.1	4.1	6.5	e7.0	1.3	7.2	0.16	3.0	0.00
11	1.0	1.5	17	2.1	3.2	5.6	e6.0	1.2	2.6	0.14	0.61	0.00
12	1.0	13	8.6	1.9	3.1	5.5	e5.0	1.1	1.6	0.11	0.29	0.00
13	12	18	6.2	4.1	2.8	4.6	e5.5	1.3	1.3	0.10	0.19	0.00
14	8.6	6.2	4.9	90	3.4	4.6	e5.0	1.2	1.6	0.09	0.15	0.00
15	2.9	4.1	4.0	18	3.8	3.9	e4.5	1.1	1.1	0.10	0.12	0.00
16	1.8	3.2	3.6	9.2	3.4	7.6	e4.0	1.1	0.83	0.09	0.10	0.00
17	1.4	2.7	3.4	6.2	2.9	31	e4.0	0.91	0.65	0.08	0.16	0.00
18	1.2	2.6	3.1	4.8	2.4	17	e3.5	0.83	0.54	0.08	0.10	0.00
19	2.4	2.4	3.1	4.2	2.2	9.9	e3.5	0.78	0.49	0.08	0.12	0.00
20	9.7	2.3	2.7	4.3	2.2	7.8	e3.5	1.0	0.42	0.08	0.12	0.00
21	3.2	2.2	2.4	4.7	2.6	6.3	3.1	1.1	0.37	0.07	0.11	0.00
22	2.3	2.0	2.8	4.3	2.5	5.5	2.7	0.89	0.34	0.15	0.09	0.00
23	1.9	6.2	4.8	3.8	2.3	12	3.7	0.77	0.35	0.65	0.11	0.00
24	2.0	11	4.7	4.1	6.2	13	3.0	0.67	0.26	0.20	0.12	0.00
25	1.8	7.2	3.3	3.6	6.0	8.3	2.5	0.77	0.26	0.11	0.10	0.00
26	1.6	4.5	2.8	3.9	4.1	7.1	2.3	0.71	0.24	0.08	0.09	0.00
27	1.5	3.5	2.5	3.3	3.4	6.4	2.3	0.58	0.27	0.07	0.07	0.00
28	1.5	26	2.2	2.6	31	62	2.0	0.51	0.26	0.06	0.07	0.00
29	1.5	8.9	2.4	2.5	---	22	2.3	0.52	0.33	0.11	0.06	0.00
30	1.8	5.8	2.4	9.4	---	11	2.6	0.47	0.30	0.12	0.07	0.00
31	1.5	---	2.2	9.0	---	8.1	---	0.45	---	0.10	0.06	---
TOTAL	75.26	168.7	174.1	217.4	143.4	339.8	162.8	42.76	55.50	4.52	20.46	0.30
MEAN	2.43	5.62	5.62	7.01	5.12	11.0	5.43	1.38	1.85	0.15	0.66	0.01
MAX	12	26	53	90	31	62	17	6.4	13	0.65	14	0.15
MIN	0.96	1.4	2.2	1.9	2.2	3.9	2.0	0.45	0.24	0.06	0.05	0.00
CFSM	0.30	0.70	0.70	0.88	0.64	1.37	0.68	0.17	0.23	0.02	0.08	0.00
IN.	0.35	0.78	0.81	1.01	0.67	1.58	0.76	0.20	0.26	0.02	0.10	0.00

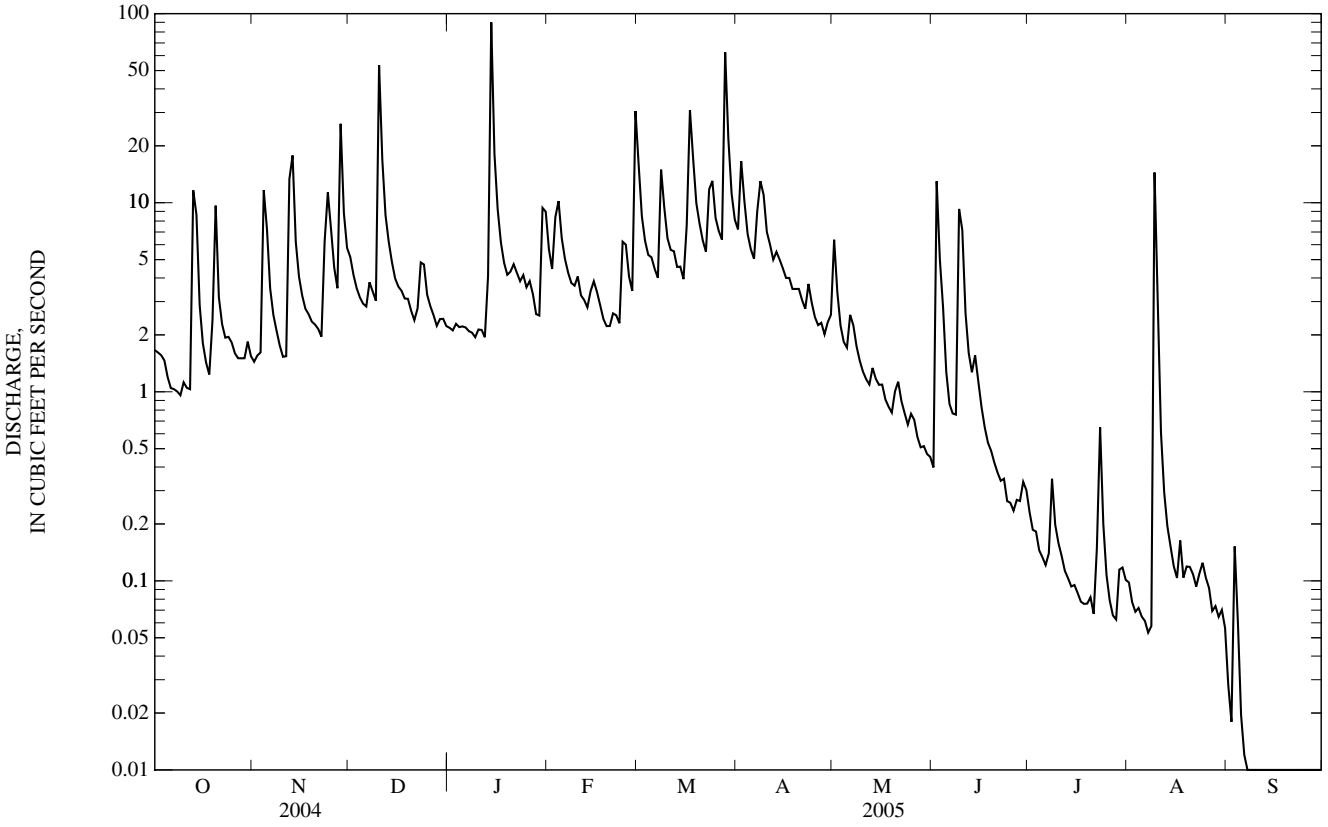
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2005, BY WATER YEAR (WY)

MEAN	5.26	4.05	6.23	10.1	12.2	16.2	10.4	4.41	5.42	2.71	2.84	12.2
MAX	32.9	11.7	20.7	27.3	36.2	49.9	30.0	15.1	29.7	7.95	10.6	74.0
(WY)	(2003)	(2003)	(2003)	(1998)	(1998)	(1998)	(2003)	(2003)	(1995)	(2003)	(2004)	(1996)
MIN	0.03	0.06	0.26	1.51	1.55	2.74	1.14	0.19	0.29	0.10	0.01	0.01
(WY)	(1999)	(1999)	(2002)	(2001)	(2002)	(2002)	(2002)	(2002)	(1999)	(2002)	(1999)	(2005)

0208524090 MOUNTAIN CREEK AT SECONDARY ROAD 1617 NEAR BAHAMA, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1995 - 2005	
ANNUAL TOTAL	1,657.58		1,405.00			
ANNUAL MEAN	4.53		3.85		7.63	
HIGHEST ANNUAL MEAN					17.3	2003
LOWEST ANNUAL MEAN					1.67	2002
HIGHEST DAILY MEAN	144	Aug 30	90	Jan 14	1,000	Sep 6, 1996
LOWEST DAILY MEAN	0.05	Jul 16	0.00	Sep 8	0.00	Aug 3, 1999
ANNUAL SEVEN-DAY MINIMUM	0.07	Jul 11	0.00	Sep 8	0.00	Aug 3, 1999
MAXIMUM PEAK FLOW			210	Mar 28	NOT DETERMINED*	
MAXIMUM PEAK STAGE			6.34	Mar 28	12.56	Sep 6, 1996
INSTANTANEOUS LOW FLOW			0.00*	Sep 8	0.00*	Aug 3, 1999
ANNUAL RUNOFF (CFSM)	0.566		0.481		0.954	
ANNUAL RUNOFF (INCHES)	7.71		6.53		12.96	
10 PERCENT EXCEEDS	8.5		8.7		13	
50 PERCENT EXCEEDS	2.7		2.2		2.3	
90 PERCENT EXCEEDS	0.25		0.07		0.09	

* See REMARKS.
e Estimated.



0208524090 MOUNTAIN CREEK AT SECONDARY ROAD 1617 NEAR BAHAMA, NC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1988-91, 1994 to current year.

REMARKS.--Station operated to define the impacts of various land-use development on surface-water quality in the Upper Neuse River basin.

COOPERATION.--For the period February 1988 through June 1989 the inorganic chemical data and trace metal data were analyzed by the city of Durham's Brown Water Treatment Plant Laboratory.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	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)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)
OCT													
05...	1445	1.1	757	8.7	94	7.1	122	18.7	.27	.28	<.04	.23	<.008
NOV													
22...	1400	1.9	754	9.8	95	7.2	92	13.4	.26	.30	<.04	.27	<.008
DEC													
22...	1215	2.7	759	12.7	96	7.4	83	3.5	.25	.33	E.02	.65	<.008
FEB													
11...	1330	3.2	752	11.0	91	7.7	100	6.8	.31	.32	E.02	.49	E.004
APR													
07...	1445	5.0	749	9.6	103	7.7	94	18.4	.29	.34	<.04	.36	E.005
JUN													
02...	1315	.95	752	8.6	91	7.4	112	17.4	.25	.29	<.04	.38	<.008
JUL													
29...	0915	.10	755	7.5	89	7.2	143	23.2	.29	.34	<.04	.17	<.008

Date	Total nitrogen, water, fltrd, mg/L (00602)	Total nitrogen, water, unfltrd mg/L (00600)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)	Aluminum, water, unfltrd recoverable, ug/L (01105)	Arsenic water unfltrd ug/L (01002)	Cadmium water, unfltrd ug/L (01027)	Chromium, water, unfltrd recoverable, ug/L (01034)	Cobalt water, unfltrd recoverable, ug/L (01037)	Copper, water, unfltrd recoverable, ug/L (01042)	Iron, water, unfltrd recoverable, ug/L (01045)	Lead, water, unfltrd recoverable, ug/L (01051)
OCT													
05...	.50	.51	<.02	<.04	<.04	50	<2	<.04	<.8	.201	E.6	890	.21
NOV													
22...	.53	.57	<.02	<.04	E.02	--	--	--	--	--	--	--	--
DEC													
22...	.90	.98	<.02	<.04	<.04	190	<2	<.04	<.8	.286	1.0	1,180	.28
FEB													
11...	.79	.81	<.02	<.04	<.04	--	--	--	--	--	--	--	--
APR													
07...	.66	.70	<.02	<.04	.04	--	--	--	--	--	--	--	--
JUN													
02...	.64	.67	<.02	<.04	E.03	--	--	--	--	--	--	--	--
JUL													
29...	.46	.51	<.02	<.04	E.03	--	--	--	--	--	--	--	--

Date	Manganese, water, unfltrd recoverable, ug/L (01055)	Mercury water, unfltrd recoverable, ug/L (71900)	Molybdenum, water, unfltrd recoverable, ug/L (01062)	Nickel, water, unfltrd recoverable, ug/L (01067)	Selenium, water, unfltrd ug/L (01147)	Silver, water, unfltrd recoverable, ug/L (01077)	Zinc, water, unfltrd recoverable, ug/L (01092)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
OCT									
05...	49	<.01	E.2	.31	<.4	<.16	<2	6	.02
NOV									
22...	--	--	--	--	--	--	--	4	.02
DEC									
22...	210	<.01	<.2	.28	E.4	<.16	E1	6	.04
FEB									
11...	--	--	--	--	--	--	--	6	.05
APR									
07...	--	--	--	--	--	--	--	10	.14
JUN									
02...	--	--	--	--	--	--	--	9	.02
JUL									
29...	--	--	--	--	--	--	--	2	.00

0208524845 LITTLE RIVER RESERVOIR AT DAM NEAR BAHAMA, NC

LOCATION.--Lat 36°06'54", long 78°52'09", Durham County, Hydrologic Unit 03020201, at dam 7.5 mi below State Highway 501, and 4.0 mi south of Bahama.

DRAINAGE AREA.--97.7 mi^2.

PERIOD OF RECORD.--Water years 1989 to current year.

REMARKS.--Station operated to define water quality as part of a six-county regional surface-water quality assessment. Samples for nutrient and chlorophyll *a* and *b* analyses were collected through a sampling zone equal to double the secchi disk depth using the depth-integration sampling technique.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Medium code	Color, water, fltrd, Pt-Co units (00080)	Sampling depth, meters (00098)	Transparency Secchi disc, meters (00078)	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)	Hardness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)
OCT													
25...	0915	9	20	1.0	.80	755	4.6	50	6.7	90	19.6	27	6.39
25...	0920	9	--	11.0	--	755	4.7	52	6.7	85	19.6	--	--
25...	0925	9	--	20.0	--	755	.3	3	7.7	220	15.1	--	--
APR													
14...	0930	9	38	1.0	.90	754	9.5	95	7.3	72	14.9	24	5.59
14...	0935	9	--	12.0	--	754	4.6	39	6.5	75	7.8	--	--
14...	0940	9	--	22.0	--	754	4.6	39	6.4	77	7.3	--	--
JUN													
23...	1030	9	30	1.0	.90	759	6.8	81	7.1	87	23.9	26	6.05
23...	1035	9	--	11.0	--	759	1.1	12	6.4	90	19.6	--	--
23...	1040	9	--	22.0	--	759	.1	1	6.4	113	8.8	--	--
AUG													
11...	1130	9	20	1.0	.90	751	4.5	59	6.8	88	28.3	26	6.26
11...	1131	R	--	1.0	.90	751	4.5	59	6.8	88	28.3	--	--
11...	1132	R	--	1.0	.90	751	4.5	59	6.8	88	28.3	--	--
11...	1133	R	--	1.0	.90	751	4.5	59	6.8	88	28.3	--	--
11...	1134	R	--	1.0	.90	751	4.5	59	6.8	88	28.3	--	--
11...	1135	9	--	11.0	--	751	.1	2	6.6	104	26.1	--	--
11...	1140	9	--	21.0	--	751	.2	2	6.9	163	9.7	--	--

Date	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf incrm. titr., field, mg/L as CaCO3 (00419)	Bicarbonate, wat unf incrm. titr., field, mg/L (00450)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)
OCT													
25...	2.61	2.21	5.11	24	30	5.95	E.1	9.52	3.4	73	.43	.031	.183
25...	--	--	--	--	--	--	--	--	--	--	.45	.033	.189
25...	--	--	--	--	--	--	--	--	--	--	.59	.154	.121
APR													
14...	2.35	1.52	4.87	19	24	5.73	E.1	8.65	5.5	55	E.66	<.010	.152
14...	--	--	--	--	--	--	--	--	--	--	E.41	E.005	.376
14...	--	--	--	--	--	--	--	--	--	--	E.86	.071	.402
JUN													
23...	2.53	1.65	5.09	22	27	6.04	E.1	7.77	4.6	65	.58	E.009	E.013
23...	--	--	--	--	--	--	--	--	--	--	.53	.100	.107
23...	--	--	--	--	--	--	--	--	--	--	.87	.399	.134
AUG													
11...	2.62	1.67	5.22	26	32	5.94	E.1	5.94	3.6	63	.50	.038	<.032
11...	--	--	--	26	--	--	--	--	--	--	--	--	--
11...	--	--	--	26	--	--	--	--	--	--	--	--	--
11...	--	--	--	26	--	--	--	--	--	--	--	--	--
11...	--	--	--	26	--	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--	--	--	.43	<.010	<.016
11...	--	--	--	--	--	--	--	--	--	--	1.3	.865	<.032

0208524845 LITTLE RIVER RESERVOIR AT DAM NEAR BAHAMA, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

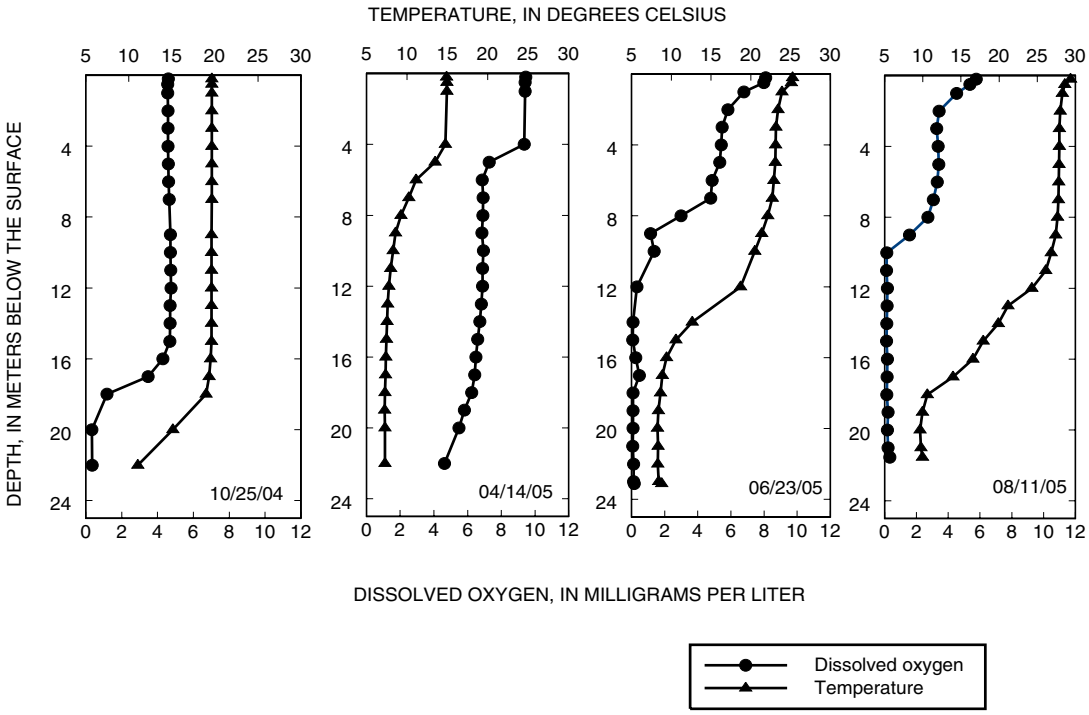
Date	Nitrite water, fltrd, mg/L as N (00613)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	Chloro-phyll a phyto-plank-ton, fluoro, ug/L (70953)	Chloro-phyll b phyto-plank-ton, fluoro, ug/L (70954)	Alum-inum, water, unfltrd recover-able, ug/L (01105)	Arsenic water unfltrd ug/L (01002)	Cadmium water, unfltrd ug/L (01027)	Chrom-ium, water, unfltrd recover-able, ug/L (01034)	Cobalt water, unfltrd recover-able, ug/L (01037)	Copper, water, unfltrd recover-able, ug/L (01042)	Iron, water, unfltrd recover-able, ug/L (01045)
OCT													
25...	.002	<.006	.023	9.9	E1.2	<.1	23	<2	<.04	<.8	.143	.9	140
25...	.002	<.006	.023	--	--	--	--	--	--	--	--	--	150
25...	.004	<.006	.027	--	--	--	--	--	--	--	--	--	310
APR													
14...	.004	<.006	.043	9.0	2.8	<.1	89	<2	<.04	<.8	.149	1.5	370
14...	E.001	<.006	.034	--	--	--	--	--	--	--	--	--	500
14...	.002	E.005	.060	--	--	--	--	--	--	--	--	--	1,020
JUN													
23...	.003	<.02	.037	7.4	10.2	<.1	--	--	--	--	--	--	130
23...	.020	<.02	.019	--	--	--	--	--	--	--	--	--	170
23...	.022	<.02	.078	--	--	--	--	--	--	--	--	--	1,750
AUG													
11...	<.004	<.012	.030	7.0	5.1	<.1	14	<2	<.04	<.8	.108	1.2	100
11...	--	--	--	--	5.2	<.1	--	--	--	--	--	--	--
11...	--	--	--	--	6.1	<.1	--	--	--	--	--	--	--
11...	--	--	--	--	3.2	<.1	--	--	--	--	--	--	--
11...	--	--	--	--	7.0	<.1	--	--	--	--	--	--	--
11...	<.002	<.04	.020	--	--	--	--	--	--	--	--	--	130
11...	E.002	<.012	.039	--	--	--	--	--	--	--	--	--	4,300

Date	Lead, water, unfltrd recover-able, ug/L (01051)	Mangan-ese, water, unfltrd recover-able, ug/L (01055)	Mercury water, unfltrd recover-able, ug/L (71900)	Molyb-denum, water, unfltrd recover-able, ug/L (01062)	Nickel, water, unfltrd recover-able, ug/L (01067)	Selen-ium, water, unfltrd ug/L (01147)	Silver, water, unfltrd recover-able, ug/L (01077)	Zinc, water, unfltrd recover-able, ug/L (01092)
OCT								
25...	.07	261	.03	E.1	.32	.8	<.16	E2
25...	--	267	--	--	--	--	--	--
25...	--	731	--	--	--	--	--	--
APR								
14...	.19	34	.01	<.2	.39	.6	<.16	E2
14...	--	98.5	--	--	--	--	--	--
14...	--	656	--	--	--	--	--	--
JUN								
23...	--	109	--	--	--	--	--	--
23...	--	241	--	--	--	--	--	--
23...	--	4,480	--	--	--	--	--	--
AUG								
11...	<.06	300	--	E.1	.23	.7	<.16	E1
11...	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--
11...	--	429	--	--	--	--	--	--
11...	--	7,100	--	--	--	--	--	--

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

Medium codes used in this table:
9 -- Surface water sample.
R -- Quality-control sample, surface water.

0208524845 LITTLE RIVER RESERVOIR AT DAM NEAR BAHAMA, NC—Continued



0208524950 LITTLE RIVER TRIBUTARY AT FAIRNTOSH, NC

LOCATION.--Lat 36°06'52", long 78°51'30", Durham County, Hydrologic Unit 03020201, 0.2 mi above mouth and 0.8 mi northeast of Fairntosh.

DRAINAGE AREA.--0.86 mi^2.

PERIOD OF RECORD.--Water years 1994 to current year.

REMARKS.--Station operated to define the impacts of various land-use development on surface-water quality in the Upper Neuse River basin.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	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)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water fltrd, mg/L as N (00631)
OCT													
05...	1200	.13	760	7.7	80	7.0	244	17.4	.40	.39	E.04	--	.07
NOV													
22...	1330	.20	754	--	--	--	--	--	.33	.28	<.04	--	E.03
DEC													
22...	1030	.40	759	12.1	89	7.3	158	2.6	.29	.25	.05	--	.07
FEB													
11...	1100	.34	752	12.3	96	7.1	202	4.3	.26	.23	E.02	--	E.04
APR													
07...	1300	.58	749	10.4	110	7.3	110	17.4	.23	.25	<.04	--	E.05
JUN													
02...	1415	E1.0	752	8.4	89	7.1	253	17.2	4.5	4.5	1.95	.70	.73
JUL													
29...	1015	.09	758	7.0	84	6.9	187	23.6	.50	.67	<.04	--	.54

Date	Nitrite water, fltrd, mg/L as N (00613)	Organic nitrogen, water, fltrd, mg/L (00607)	Organic nitrogen, water, unfltrd mg/L (00605)	Total nitrogen, water, fltrd, mg/L (00602)	Total nitrogen, water, unfltrd mg/L (00600)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)	Aluminum, water, unfltrd recoverable, ug/L (01105)	Arsenic water unfltrd ug/L (01002)	Cadmium water, unfltrd ug/L (01027)	Chromium, water, unfltrd recoverable, ug/L (01034)	Cobalt water, unfltrd recoverable, ug/L (01037)
OCT													
05...	<.008	--	--	.47	.46	E.01	<.04	E.04	78	E1	<.04	<.8	.587
NOV													
22...	<.008	--	--	--	--	<.02	<.04	E.02	--	--	--	--	--
DEC													
22...	<.008	.23	.20	.35	.32	<.02	<.04	<.04	30	<2	<.04	<.8	.537
FEB													
11...	<.008	--	--	--	--	<.02	<.04	<.04	--	--	--	--	--
APR													
07...	<.008	--	--	--	--	<.02	<.04	<.04	--	--	--	--	--
JUN													
02...	.029	2.6	2.6	5.2	5.3	.06	.08	.14	--	--	--	--	--
JUL													
29...	E.007	--	--	1.0	1.2	.03	.05	.11	--	--	--	--	--

Date	Copper, water, unfltrd recoverable, ug/L (01042)	Iron, water, unfltrd recoverable, ug/L (01045)	Lead, water, unfltrd recoverable, ug/L (01051)	Manganese, water, unfltrd recoverable, ug/L (01055)	Mercury water, unfltrd recoverable, ug/L (71900)	Molybdenum, water, unfltrd recoverable, ug/L (01062)	Nickel, water, unfltrd recoverable, ug/L (01067)	Selenium, water, unfltrd ug/L (01147)	Silver, water, unfltrd recoverable, ug/L (01077)	Zinc, water, unfltrd recoverable, ug/L (01092)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
OCT												
05...	1.4	1,420	.19	612	<.01	.4	.72	<.4	<.16	E1	9	.00
NOV												
22...	--	--	--	--	--	--	--	--	--	--	6	.00
DEC												
22...	1.2	1,160	E.04	437	<.01	E.2	.41	.6	<.16	E1	2	.00
FEB												
11...	--	--	--	--	--	--	--	--	--	--	3	.00
APR												
07...	--	--	--	--	--	--	--	--	--	--	8	.01
JUN												
02...	--	--	--	--	--	--	--	--	--	--	38	--
JUL												
29...	--	--	--	--	--	--	--	--	--	--	12	.00

0208524975 LITTLE RIVER BELOW LITTLE RIVER TRIBUTARY AT FAIRNTOSH, NC

LOCATION.--Lat 36°06'48", long 78°51'35", Durham County, Hydrologic Unit 03020201, 125 ft downstream of the mouth of Little River tributary and 0.5 mi downstream of Little River dam.

DRAINAGE AREA.--98.9 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1995 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 270 ft above NGVD of 1929, from topographic map. Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records are poor due to the effects of beaver dams on the gage height-discharge relationship. Flow regulated by releases from the Little River Reservoir. Maximum discharge for period of record from extension of rating curve based on contracted-opening measurement of peak flow. Maximum gage height for period of record from floodmarks. Instantaneous low flow for the period of record not determined due to the effects of beaver dams on the gage height-discharge relationship. Minimum instantaneous low flow also occurred on Sept. 14.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.4	3.6	41	11	90	408	113	30	11	2.5	2.4	2.5
2	4.1	3.6	25	12	61	170	161	33	13	3.1	2.4	2.4
3	3.7	3.5	23	13	65	93	181	24	12	2.6	2.4	2.1
4	4.3	4.0	19	11	149	63	106	17	8.1	2.5	2.3	2.2
5	3.7	3.5	17	11	117	58	75	11	8.6	2.5	2.3	2.0
6	4.2	4.2	9.5	12	72	52	56	16	8.8	3.0	2.2	2.2
7	4.4	4.7	16	9.8	55	45	74	19	10	5.0	2.2	2.3
8	4.4	5.3	16	11	46	105	149	15	11	3.1	2.4	2.6
9	4.4	6.1	15	6.8	40	180	172	12	16	2.3	4.6	2.3
10	3.7	6.8	1,300	9.4	49	103	92	9.3	123	2.2	2.4	2.3
11	3.8	7.4	820	10	35	69	62	9.3	89	2.2	2.5	2.7
12	3.9	30	166	9.3	34	63	54	10	27	2.0	2.5	2.0
13	9.6	228	89	15	30	49	48	10	10	2.2	3.3	2.2
14	3.6	127	49	1,540	33	50	49	9.0	7.5	2.4	4.3	2.2
15	11	47	32	877	37	41	38	9.1	5.4	2.4	2.7	2.2
16	12	24	26	165	43	48	31	9.0	2.6	2.2	2.7	2.8
17	3.9	21	19	94	40	360	27	9.1	3.2	2.1	3.4	3.4
18	3.6	12	17	62	31	423	25	11	3.6	2.4	2.6	3.8
19	3.4	11	19	50	24	197	24	11	3.3	2.5	2.5	5.7
20	3.6	11	16	42	24	127	24	12	3.6	2.4	2.7	11
21	3.8	13	13	43	27	85	22	13	3.5	2.2	2.7	3.4
22	3.6	11	11	38	27	64	19	12	3.3	2.3	2.6	3.1
23	3.5	20	18	40	27	80	25	12	3.7	2.5	2.8	3.6
24	3.5	61	21	31	40	169	25	12	3.5	2.1	2.6	3.7
25	3.9	91	26	33	73	141	15	12	3.1	2.1	2.4	3.8
26	4.1	60	22	35	64	92	11	12	2.8	2.2	2.4	3.4
27	3.6	36	17	36	46	75	16	11	3.4	2.4	2.4	3.1
28	3.5	183	13	30	253	1,010	14	11	2.7	3.1	2.4	2.9
29	3.3	152	11	26	---	509	11	11	2.5	3.0	2.7	2.8
30	3.4	63	12	55	---	225	15	10	2.4	2.5	2.6	3.1
31	3.8	---	15	118	---	144	---	11	---	2.4	2.4	---
TOTAL	138.7	1,253.7	2,913.5	3,456.3	1,632	5,298	1,734	412.8	407.6	78.4	82.8	93.8
MEAN	4.47	41.8	94.0	111	58.3	171	57.8	13.3	13.6	2.53	2.67	3.13
MAX	12	228	1,300	1,540	253	1,010	181	33	123	5.0	4.6	11
MIN	3.3	3.5	9.5	6.8	24	41	11	9.0	2.4	2.0	2.2	2.0

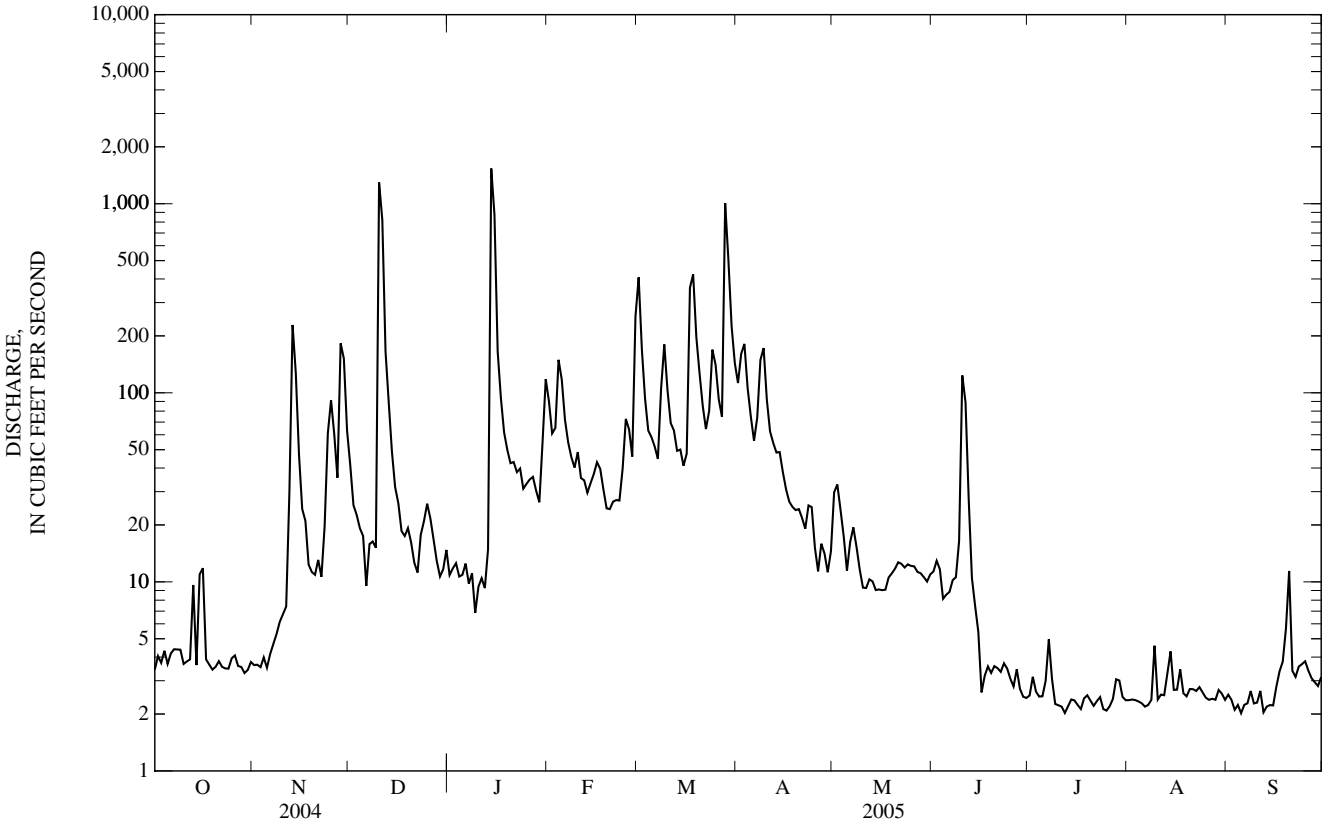
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2005, BY WATER YEAR (WY)

MEAN	30.6	41.2	87.6	91.9	145	208	145	49.5	23.9	17.8	22.9	119
MAX	178	149	290	333	509	705	510	260	162	146	132	538
(WY)	(2003)	(1996)	(2003)	(1998)	(1998)	(1998)	(2003)	(2003)	(2003)	(2003)	(2003)	(1996)
MIN	2.02	2.03	1.07	1.15	2.99	4.46	6.09	5.69	1.30	1.16	1.57	0.95
(WY)	(1998)	(2001)	(2001)	(2001)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)

0208524975 LITTLE RIVER BELOW LITTLE RIVER TRIBUTARY AT FAIRNTOSH, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1996 - 2005	
ANNUAL TOTAL	13,518.1		17,501.6			
ANNUAL MEAN	36.9		47.9		77.0	
HIGHEST ANNUAL MEAN					224	2003
LOWEST ANNUAL MEAN					3.39	2002
HIGHEST DAILY MEAN	1,300	Dec 10	1,540	Jan 14	10,300	Sep 6, 1996
LOWEST DAILY MEAN	2.6	Aug 26	2.0	Jul 12	0.41	Nov 22, 1998
ANNUAL SEVEN-DAY MINIMUM	2.9	Aug 23	2.2	Jul 11	0.51	Sep 7, 2002
MAXIMUM PEAK FLOW			3,050	Jan 14	16,600*	Sep 6, 1996
MAXIMUM PEAK STAGE			9.91	Jan 14	17.27	Sep 6, 1996
INSTANTANEOUS LOW FLOW			1.8	Sep 12	NOT DETERMINED*	
10 PERCENT EXCEEDS	75		98		127	
50 PERCENT EXCEEDS	11		11		7.5	
90 PERCENT EXCEEDS	3.6		2.4		1.8	

* See REMARKS.



0208524975 LITTLE RIVER BELOW LITTLE RIVER TRIBUTARY AT FAIRNTOSH, NC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1995 to current year.

REMARKS.--Station operated to define the impacts of various land-use development on surface-water quality in the Upper Neuse River basin.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	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)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water fltrd, mg/L as N (00631)
OCT 05...	1300	3.5	760	7.6	88	6.9	79	22.8	.39	.40	<.04	--	.16
NOV 22...	1145	8.5	754	9.2	91	6.8	93	14.9	.41	.41	.06	--	.18
DEC 22...	1130	13	759	--	--	--	--	--	.43	.47	E.03	.25	.26
FEB 11...	1230	36	752	12.3	100	7.6	81	6.2	.46	.50	E.02	--	.33
APR 07...	1345	56	749	10.9	110	7.6	80	15.0	.37	.55	<.04	--	.26
JUN 02...	1430	14	752	7.1	76	7.1	103	18.1	.66	.73	.17	--	.23
JUL 29...	0945	2.7	758	4.0	51	6.6	102	26.8	.40	.49	.07	--	.07

Date	Nitrite water, fltrd, mg/L as N (00613)	Organic nitrogen, water, fltrd, mg/L (00607)	Organic nitrogen, water, unfltrd mg/L (00605)	Total nitrogen, water, fltrd, mg/L (00602)	Total nitrogen, water, unfltrd mg/L (00600)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
OCT 05...	E.005	--	--	.55	.56	<.02	<.04	E.02	5	.05
NOV 22...	E.004	.36	.35	.60	.59	<.02	E.03	<.04	6	.14
DEC 22...	.013	--	--	.69	.73	<.02	E.02	E.03	5	.18
FEB 11...	<.008	--	--	.79	.83	<.02	<.04	E.03	5	.48
APR 07...	<.008	--	--	.63	.81	<.02	<.04	E.04	8	1.2
JUN 02...	E.006	.48	.55	.89	.96	<.02	E.02	E.03	7	.26
JUL 29...	<.008	.33	.43	.47	.56	<.02	<.04	E.04	8	.06

02085500 FLAT RIVER AT BAHAMA, NC

LOCATION.--Lat 36°10'58", long 78°52'44", Durham County, Hydrologic Unit 03020201, on right bank 0.5 mi upstream from Lake Michie, 1.2 mi upstream from bridge on Secondary Road 1616, 1.2 mi north of Bahama, and 1.5 mi upstream from Dial Creek.

DRAINAGE AREA.--149 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1925 to current year.

REVISED RECORDS.--WSP 1333: 1926, 1928(M), 1938, 1946. WDR NC-81-1: Drainage area.

GAGE.--Water-stage recorder and concrete control. Datum of gage is 346.85 ft above NGVD of 1929. Prior to Oct. 22, 1925, nonrecording gage at present site at 346.27 ft. Satellite telemetry at station.

REMARKS.--Records poor. Prior to December 1962, some diurnal fluctuation and infrequent regulation at low flow caused by small mill 5 mi upstream. Maximum discharge for period of record from rating curve extended above 18,000 ft^3/s, on basis of slope-conveyance measurement of peak flow; maximum gage height, 17.26 ft, from high-water mark inside gage shelter.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25	17	139	79	197	648	178	112	e24	e27	e6.1	e2.4
2	22	17	127	77	148	297	263	e95	30	e23	e6.0	e1.9
3	21	17	110	76	144	200	310	e72	44	e17	e5.9	e1.6
4	20	70	97	76	402	158	177	e60	62	e15	e5.3	e1.4
5	19	145	89	77	248	139	137	e52	47	e15	e4.8	e1.1
6	e19	58	83	75	178	132	121	e61	38	e14	e4.5	e0.90
7	e17	36	85	74	145	122	125	e58	33	e16	e3.9	e0.80
8	e15	30	87	71	130	193	194	e53	30	e18	e3.1	e0.70
9	14	26	86	72	122	300	149	e49	42	e24	e23	e0.70
10	14	23	4,560	70	129	175	120	e42	e204	e24	e16	e0.80
11	13	22	916	70	133	143	104	e42	e76	e17	e10	e0.70
12	e13	117	403	68	110	134	95	46	e46	e13	e7.5	e0.60
13	e158	1,340	262	71	102	124	110	46	e37	e12	e6.6	e0.50
14	e120	293	192	2,920	101	114	151	43	e35	e10	e5.7	e0.50
15	e95	166	154	821	124	109	108	42	e36	e9.7	e5.0	e0.50
16	e71	120	131	353	127	114	89	41	e34	e8.9	e4.1	e0.50
17	e54	102	120	242	111	747	81	40	e28	e8.6	e16	e0.40
18	e47	89	113	179	98	707	78	e37	e25	e7.8	e30	e0.40
19	e39	82	106	145	89	347	e75	e39	e24	e7.0	e20	e0.30
20	e106	77	100	133	85	244	e73	e99	e23	e6.3	e12	e0.40
21	e66	72	90	133	87	191	e74	57	e22	e5.6	e9.1	e0.60
22	39	69	87	128	91	159	e72	47	e21	e5.5	e7.0	e0.60
23	29	74	95	126	88	193	e77	e40	e21	e6.4	e5.8	e0.50
24	26	198	175	109	104	331	e77	38	e20	e5.4	e5.8	e0.40
25	24	377	135	104	216	231	e68	37	e19	e4.6	e5.1	e0.40
26	23	204	106	114	145	181	60	36	e18	e4.4	e4.4	e0.30
27	22	128	95	116	114	159	e66	e33	e18	e4.6	e4.0	e0.30
28	e21	493	86	97	586	1,270	56	e30	e34	e3.7	e3.5	e0.30
29	20	307	83	86	---	729	56	e25	e46	e3.8	e3.0	e0.30
30	19	177	83	132	---	319	e79	e24	e37	e5.3	e2.6	e0.20
31	18	---	81	323	---	218	---	e23	---	e6.3	e2.7	---
TOTAL	1,209	4,946	9,076	7,217	4,354	9,128	3,423	1,519	1,174	348.9	248.5	21.00
MEAN	39.0	165	293	233	156	294	114	49.0	39.1	11.3	8.02	0.70
MAX	158	1,340	4,560	2,920	586	1,270	310	112	204	27	30	2.4
MIN	13	17	81	68	85	109	56	23	18	3.7	2.6	0.20
CFSM	0.26	1.11	1.96	1.56	1.04	1.98	0.77	0.33	0.26	0.08	0.05	0.00
IN.	0.30	1.23	2.27	1.80	1.09	2.28	0.85	0.38	0.29	0.09	0.06	0.01

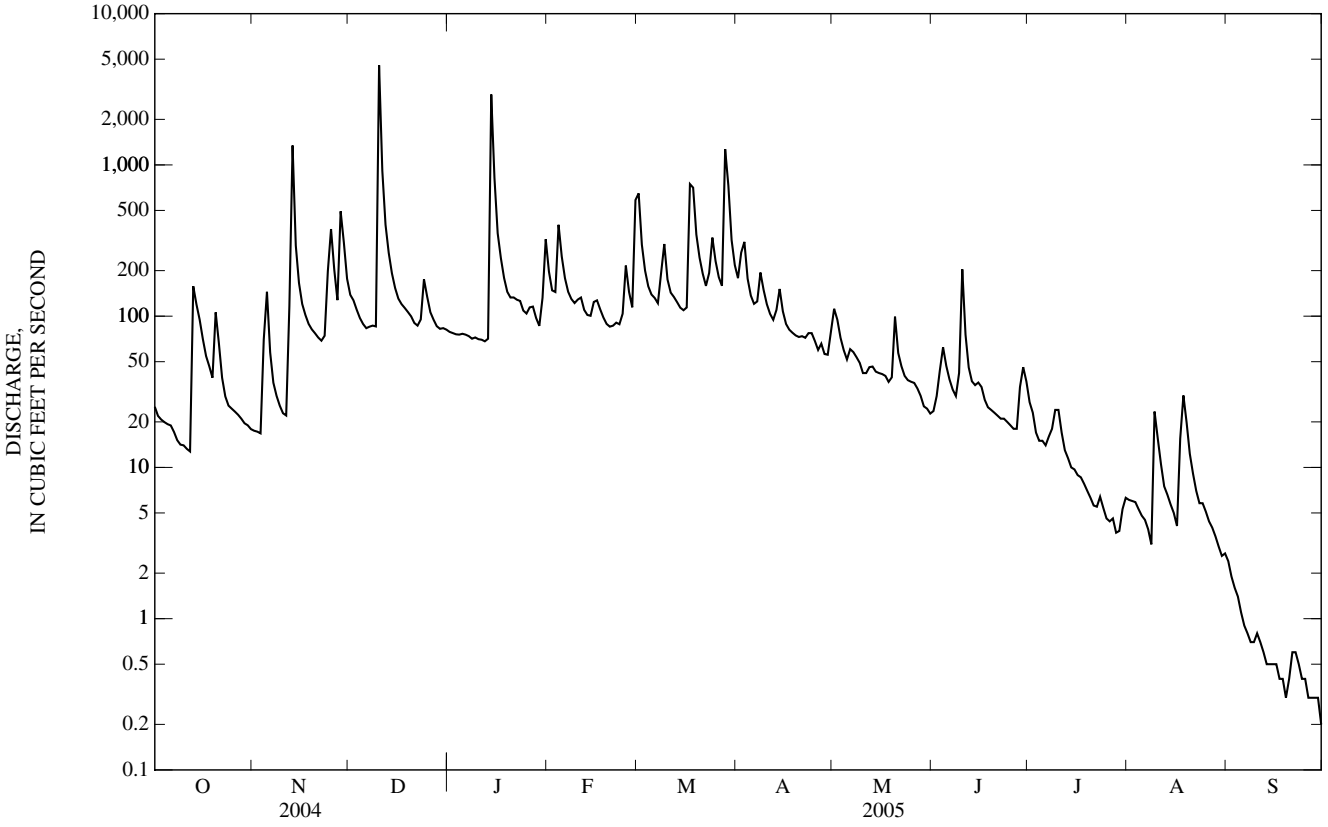
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1925 - 2005, BY WATER YEAR (WY)

MEAN	67.7	95.4	134	220	268	288	223	113	79.8	85.0	74.4	85.7
MAX	561	489	421	761	758	948	656	573	551	798	431	984
(WY)	(1972)	(1986)	(1973)	(1936)	(1998)	(1998)	(2003)	(1978)	(1938)	(1975)	(1939)	(1996)
MIN	1.24	0.71	1.81	4.29	39.4	58.7	31.1	19.3	3.85	1.68	2.93	0.70
(WY)	(1942)	(1934)	(1934)	(1934)	(2002)	(2004)	(1942)	(2002)	(2002)	(2002)	(1977)	(2005)

02085500 FLAT RIVER AT BAHAMA, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1925 - 2005	
ANNUAL TOTAL	41,473.0		42,664.40			
ANNUAL MEAN	113		117		144	
HIGHEST ANNUAL MEAN					347	2003
LOWEST ANNUAL MEAN					25.2	2002
HIGHEST DAILY MEAN	4,560	Dec 10	4,560	Dec 10	21,800	Sep 6, 1996
LOWEST DAILY MEAN	1.7	Jul 17	0.20	Sep 30	0.17	Jun 25, 2002
ANNUAL SEVEN-DAY MINIMUM	2.2	Jul 15	0.31	Sep 24	0.24	Jun 19, 2002
MAXIMUM PEAK FLOW			7,560	Dec 10	33,800*	Sep 6, 1996
MAXIMUM PEAK STAGE			8.55	Dec 10	17.26*	Sep 6, 1996
INSTANTANEOUS LOW FLOW			NOT DETERMINED		0.15*	Jun 25, 2002
ANNUAL RUNOFF (CFSM)	0.760		0.784		0.967	
ANNUAL RUNOFF (INCHES)	10.35		10.65		13.14	
10 PERCENT EXCEEDS	184		199		280	
50 PERCENT EXCEEDS	65		61		50	
90 PERCENT EXCEEDS	9.1		3.8		6.9	

* See REMARKS.
e Estimated.



02085500 FLAT RIVER AT BAHAMA, NC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1988 to current year.

REMARKS.--Station operated to define water quality as part of a six-county regional surface-water quality assessment and to define the impacts of various land-use development on surface-water quality in the Upper Neuse River basin.

COOPERATION.--For the period February 1988 through June 1989 the inorganic-chemical data and trace-metal data were analyzed by the city of Durham's Brown Water Treatment Laboratory.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Discharge, cfs (00060)	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)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)
OCT 05...	1530	--	19	756	8.5	94	7.2	91	20.1	.32	.26	<.04	.21
NOV 22...	1430	--	69	754	9.6	92	7.3	87	13.0	.24	.29	<.04	.32
DEC 21...	1700	--	89	759	14.0	101	7.1	62	1.7	.36	.20	<.04	.66
FEB 11...	1415	--	130	752	11.4	95	7.6	81	6.8	.23	.25	<.04	.36
APR 07...	1515	--	107	749	9.3	99	7.6	75	17.8	.28	.30	<.04	.27
JUN 02...	1230	--	30	752	7.6	82	7.2	86	18.6	.27	.25	<.04	.25
JUL 29...	0845	E3.8	--	754	4.8	60	6.7	99	26.5	.37	.44	E.03	<.06

Date	Nitrite water, fltrd, mg/L as N (00613)	Total nitrogen, water, fltrd, mg/L (00602)	Total nitrogen, water, unfltrd mg/L (00600)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
OCT 05...	<.008	.53	.47	<.02	<.04	E.02	5	.26
NOV 22...	E.004	.56	.61	<.02	E.02	E.02	4	.75
DEC 21...	<.008	1.0	.86	<.02	E.02	E.02	5	1.2
FEB 11...	<.008	.60	.61	<.02	<.04	<.04	5	1.8
APR 07...	<.008	.55	.57	<.02	<.04	E.03	8	2.3
JUN 02...	<.008	.52	.50	<.02	<.04	E.02	7	.57
JUL 29...	<.008	--	--	<.02	<.04	E.03	2	--

02086490 LAKE MICHIE AT DAM NEAR BAHAMA, NC

LOCATION.--Lat 36°09'03", long 78°49'48", Durham County, Hydrologic Unit 03020201, at dam 3.0 mi southeast of Bahama.

DRAINAGE AREA.--167 mi^2.

PERIOD OF RECORD.--Water years 1989 to current year.

REMARKS.--Station operated to define water quality as part of a six-county regional surface-water quality assessment. Samples for nutrient and chlorophyll a and b analyses were collected through a sampling zone equal to double the secchi disk depth using the depth-integration sampling technique.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Medium code	Color, water, fltrd, Pt-Co units (00080)	Sampling depth, meters (00098)	Transparency Secchi disc, meters (00078)	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)	Hardness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)
OCT													
25...	1030	9	30	1.0	.80	757	4.2	44	6.6	72	18.2	22	5.11
25...	1035	9	--	6.0	--	757	2.3	25	6.7	75	18.0	--	--
25...	1040	9	--	12.1	--	757	.8	7	6.9	102	10.4	--	--
APR													
14...	1130	9	50	1.0	.70	754	8.0	80	7.0	66	14.9	21	4.85
14...	1135	9	--	6.0	--	754	7.9	79	6.8	65	14.4	--	--
14...	1140	9	--	11.0	--	754	6.4	54	6.6	70	7.6	--	--
JUN													
23...	0930	9	20	1.0	1.10	760	6.9	87	7.6	86	27.2	24	5.38
23...	0935	9	--	5.0	--	760	.1	1	6.4	87	20.2	--	--
23...	0940	9	--	10.0	--	760	.9	8	6.0	78	8.8	--	--
AUG													
11...	1000	9	15	1.0	1.10	751	7.6	102	7.8	85	29.7	21	4.77
11...	1001	R	--	1.0	1.10	751	7.6	102	7.8	85	29.7	--	--
11...	1002	R	--	1.0	1.10	751	7.6	102	7.8	85	29.7	--	--
11...	1003	R	--	1.0	1.10	751	7.6	102	7.8	85	29.7	--	--
11...	1004	R	--	1.0	1.10	751	7.6	102	7.8	85	29.7	--	--
11...	1005	9	--	4.0	--	751	1.2	16	6.5	87	27.9	--	--
11...	1010	9	--	8.0	--	751	.2	2	6.0	83	12.4	--	--

Date	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf incrm. titr., field, mg/L as CaCO3 (00419)	Bicarbonate, wat unf incrm. titr., field, mg/L (00450)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)
OCT													
25...	2.24	2.42	4.39	19	23	4.83	E.1	10.6	4.0	65	.63	.142	.041
25...	--	--	--	--	--	--	--	--	--	--	.68	.206	.030
25...	--	--	--	--	--	--	--	--	--	--	1.0	.581	<.016
APR													
14...	2.20	1.48	4.73	16	19	5.29	E.1	9.90	5.3	56	E.53	.035	.259
14...	--	--	--	--	--	--	--	--	--	--	E.54	.030	.251
14...	--	--	--	--	--	--	--	--	--	--	E.41	.049	.415
JUN													
23...	2.45	1.40	5.42	23	28	5.94	E.1	10.3	3.8	64	.49	<.010	<.016
23...	--	--	--	--	--	--	--	--	--	--	.46	.021	<.016
23...	--	--	--	--	--	--	--	--	--	--	.45	.037	.511
AUG													
11...	2.30	1.44	5.57	27	33	6.05	E.1	9.36	2.8	61	.53	<.020	<.032
11...	--	--	--	27	--	--	--	--	--	--	--	--	--
11...	--	--	--	27	--	--	--	--	--	--	--	--	--
11...	--	--	--	27	--	--	--	--	--	--	--	--	--
11...	--	--	--	27	--	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--	--	--	.51	<.010	<.016
11...	--	--	--	--	--	--	--	--	--	--	.57	<.010	<.016

02086490 LAKE MICHIE AT DAM NEAR BAHAMA, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

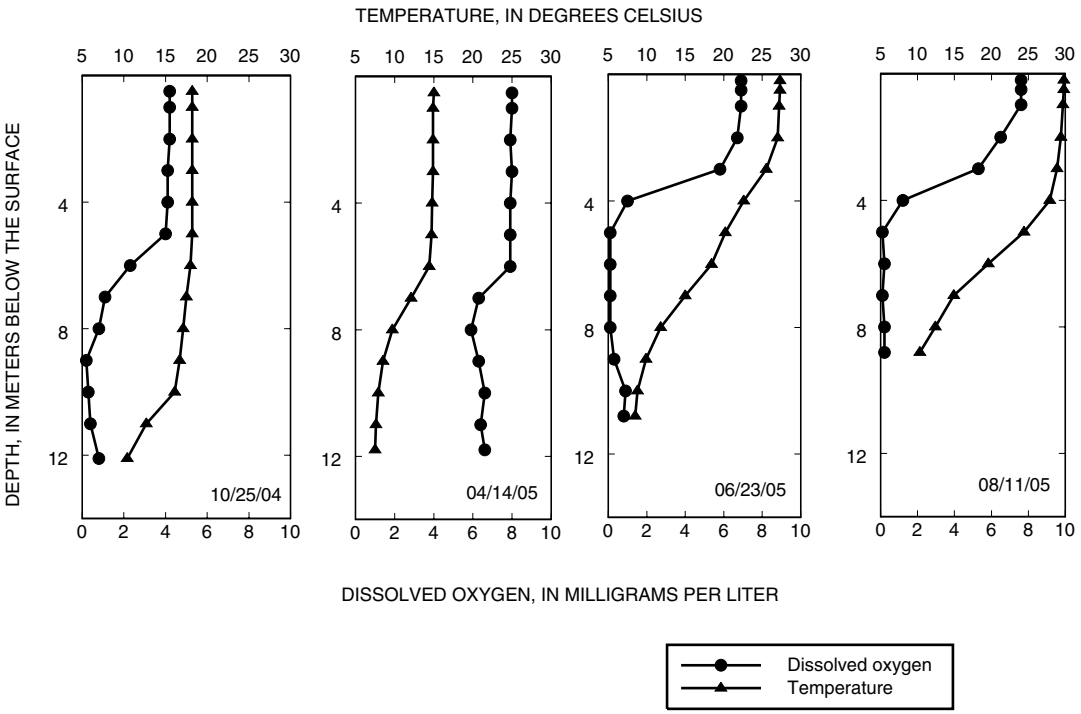
Date	Nitrite water, fltrd, mg/L as N (00613)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	Chloro-phyll a phyto-plank-ton, fluoro, ug/L (70953)	Chloro-phyll b phyto-plank-ton, fluoro, ug/L (70954)	Alum-inum, water, unfltrd recover-able, ug/L (01105)	Arsenic water unfltrd ug/L (01002)	Cadmium water, unfltrd ug/L (01027)	Chrom-ium, water, unfltrd recover-able, ug/L (01034)	Cobalt water, unfltrd recover-able, ug/L (01037)	Copper, water, unfltrd recover-able, ug/L (01042)	Iron, water, unfltrd recover-able, ug/L (01045)
OCT													
25...	.003	<.006	.027	10.0	<.1	<.1	49	<2	<.04	<.8	.254	1.8	420
25...	.002	<.006	.026	--	--	--	--	--	--	--	--	--	480
25...	.002	.013	.042	--	--	--	--	--	--	--	--	--	3,470
APR													
14...	.005	<.006	.046	8.2	E.4	<.1	162	<2	<.04	<.8	.210	1.8	570
14...	.005	<.006	.044	--	--	--	--	--	--	--	--	--	580
14...	.003	E.005	.045	--	--	--	--	--	--	--	--	--	800
JUN													
23...	<.002	<.02	.032	6.5	3.8	<.1	--	--	--	--	--	--	130
23...	<.002	<.02	.035	--	--	--	--	--	--	--	--	--	290
23...	.002	<.02	.042	--	--	--	--	--	--	--	--	--	1,100
AUG													
11...	<.004	<.012	.025	6.7	4.1	<.1	--	--	--	--	--	--	60
11...	--	--	--	--	3.8	<.1	--	--	--	--	--	--	--
11...	--	--	--	--	2.5	<.1	--	--	--	--	--	--	--
11...	--	--	--	--	3.1	<.1	--	--	--	--	--	--	--
11...	--	--	--	--	4.4	<.1	--	--	--	--	--	--	--
11...	<.002	<.04	.023	--	--	--	--	--	--	--	--	--	90
11...	<.002	<.04	.037	--	--	--	--	--	--	--	--	--	2,060

Date	Lead, water, unfltrd recover-able, ug/L (01051)	Mangan-ese, water, unfltrd recover-able, ug/L (01055)	Mercury water, unfltrd recover-able, ug/L (71900)	Molyb-denum, water, unfltrd recover-able, ug/L (01062)	Nickel, water, unfltrd recover-able, ug/L (01067)	Selen-ium, water, unfltrd ug/L (01147)	Silver, water, unfltrd recover-able, ug/L (01077)	Zinc, water, unfltrd recover-able, ug/L (01092)
OCT								
25...	.27	170	.01	E.1	.47	E.3	<.16	9
25...	--	499	--	--	--	--	--	--
25...	--	2,410	--	--	--	--	--	--
APR								
14...	.39	41	.02	<.2	.50	.8	<.16	3
14...	--	39.8	--	--	--	--	--	--
14...	--	132	--	--	--	--	--	--
JUN								
23...	--	26.2	--	--	--	--	--	--
23...	--	185	--	--	--	--	--	--
23...	--	377	--	--	--	--	--	--
AUG								
11...	--	30.4	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--
11...	--	38.2	--	--	--	--	--	--
11...	--	924	--	--	--	--	--	--

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

Medium codes used in this table:
9 -- Surface water
R -- Quality-control sample, surface water

02086490 LAKE MICHIE AT DAM NEAR BAHAMA, NC—Continued



02086500 FLAT RIVER AT DAM NEAR BAHAMA, NC

LOCATION.--Lat 36°08'55", long 78°49'44", Durham County, Hydrologic Unit 03020201, on right bank 900 ft downstream from Durham municipal dam, 3 mi southeast of Bahama, and 5 mi upstream from confluence with Eno River.

DRAINAGE AREA.--168 mi^2.

PERIOD OF RECORD.--September 1927 to September 1959, August 1961 to September 1966, October 1982 to September 1990, October 1992 to September 1993, October 2000 to current year.

GAGE.--Water-stage recorder. Datum of gage is 256.6 ft above NGVD of 1929. U.S. Army Corps of Engineers satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Flow regulated by Lake Michie (station 02086490). An average of 47.9 ft^3/s was diverted above station from Lake Michie and Little River Lake. About 13.0 ft^3/s of treated effluent was returned to tributaries downstream. No flow also occurred on Sept. 4-14, 1938 (result of construction work upstream), Sept. 26-30, 1965, and Oct. 1-3, 5, 1988. No flow occurs many times most years.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Sept. 6, 1996, reached a stage of 23.48 ft, present datum, from floodmarks; discharge, 20,900 ft^3/s.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	40	39	154	56	230	951	207	92	39	0.09	0.03	0.02
2	40	39	124	54	158	411	291	174	40	0.08	0.02	0.01
3	40	39	106	52	143	249	431	97	39	0.07	0.02	0.01
4	39	39	87	51	395	183	247	62	38	0.06	0.02	0.01
5	38	39	74	53	299	159	170	47	37	0.03	0.02	0.02
6	38	53	68	53	197	144	147	56	37	0.04	0.02	0.03
7	38	53	70	51	147	131	148	54	37	0.09	0.02	0.03
8	38	45	68	49	123	196	277	56	37	0.05	0.02	0.02
9	38	40	68	47	115	366	224	49	37	0.02	0.04	0.02
10	38	39	4,080	46	117	227	161	44	37	0.02	0.02	0.02
11	38	39	1,710	45	122	171	128	42	37	0.02	0.04	0.02
12	38	42	511	44	103	151	109	42	37	0.02	0.02	0.03
13	38	1,330	299	47	88	137	118	42	37	0.02	0.02	0.03
14	38	410	207	2,640	86	e133	162	42	37	0.03	0.02	0.02
15	37	192	150	1,480	98	e123	136	41	37	0.03	0.02	0.02
16	37	125	122	454	117	82	100	42	38	0.02	0.02	0.02
17	37	94	108	273	104	656	85	42	38	0.02	0.02	0.02
18	37	77	98	183	87	923	80	42	38	0.02	0.02	0.02
19	37	65	92	138	70	433	76	43	38	0.02	0.02	0.02
20	38	58	81	112	66	285	73	44	37	0.01	0.02	0.02
21	38	51	71	e111	66	202	71	43	36	0.01	0.02	0.02
22	38	47	66	121	69	151	65	43	0.55	0.12	0.02	0.02
23	38	57	78	107	69	177	68	43	0.31	0.05	0.02	0.02
24	38	157	129	e97	84	318	67	43	0.16	0.02	0.02	0.01
25	38	362	139	e83	192	258	60	44	0.15	0.02	0.02	0.01
26	38	256	101	79	184	153	55	43	0.15	0.02	0.02	0.02
27	38	142	81	84	133	123	53	42	0.15	0.03	0.02	0.02
28	38	470	68	70	520	1,130	49	42	0.22	0.02	0.02	0.01
29	38	430	61	61	---	1,120	50	41	0.12	0.04	0.02	0.01
30	38	219	60	e83	---	448	53	40	0.08	0.02	0.02	0.02
31	39	---	58	303	---	270	---	39	---	0.03	0.02	---
TOTAL	1,181	5,048	9,189	7,127	4,182	10,461	3,961	1,616	789.89	1.14	0.67	0.57
MEAN	38.1	168	296	230	149	337	132	52.1	26.3	0.04	0.02	0.02
MAX	40	1,330	4,080	2,640	520	1,130	431	174	40	0.12	0.04	0.03
MIN	37	39	58	44	66	82	49	39	0.08	0.01	0.02	0.01
CFSM	0.23	1.00	1.76	1.37	0.89	2.01	0.79	0.31	0.16	0.00	0.00	0.00
IN.	0.26	1.12	2.03	1.58	0.93	2.32	0.88	0.36	0.17	0.00	0.00	0.00

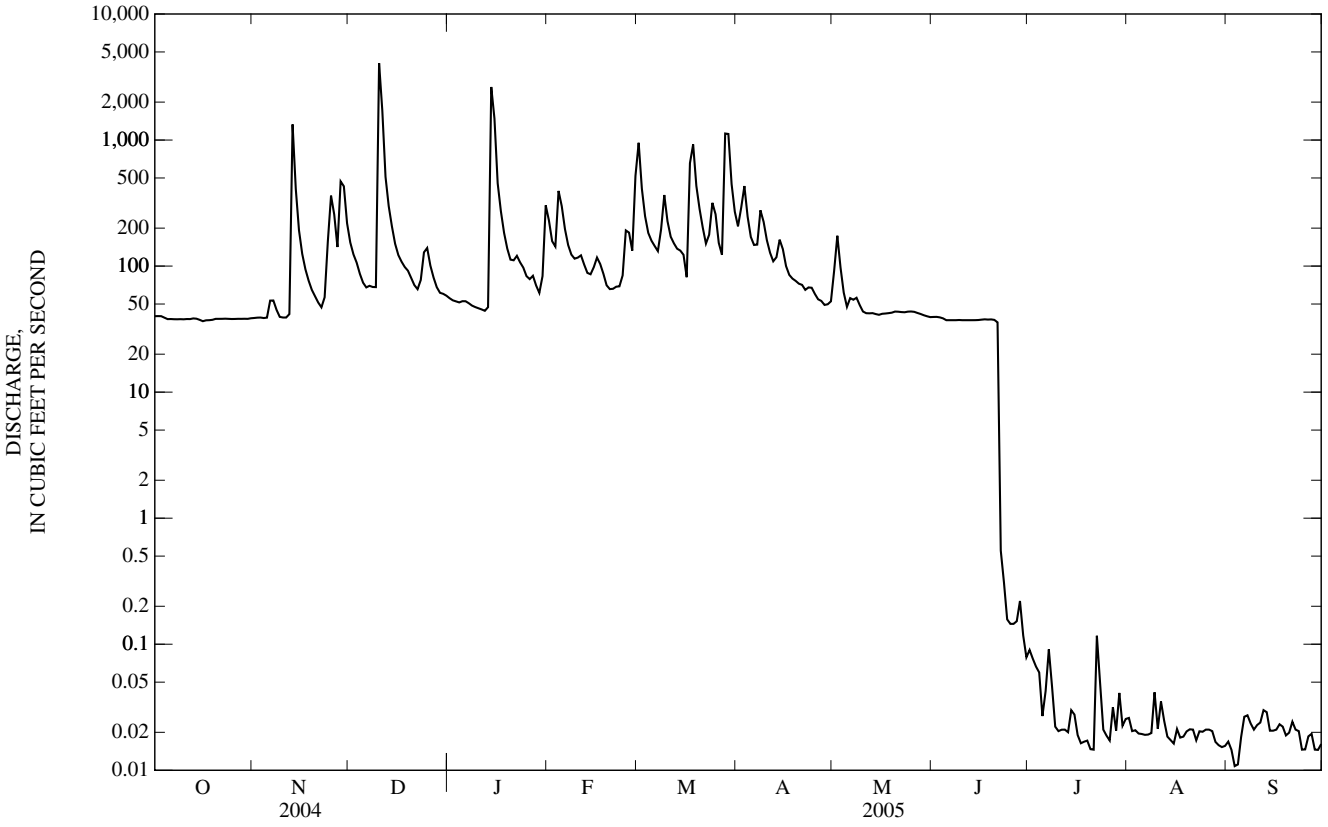
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1927 - 2005,@ BY WATER YEAR (WY)

MEAN	63.7	99.1	145	212	284	316	270	120	79.7	88.2	87.7	74.8
MAX	530	496	444	759	614	1,041	856	476	491	795	481	714
(WY)	(1930)	(1986)	(2003)	(1937)	(1948)	(1993)	(2003)	(2003)	(1938)	(1938)	(1939)	(1945)
MIN	0.05	0.03	0.05	0.07	0.06	21.5	8.91	0.06	0.06	0.01	0.02	0.02
(WY)	(1988)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2004)	(2005)	(2005)

02086500 FLAT RIVER AT DAM NEAR BAHAMA, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1927 - 2005[@]	
ANNUAL TOTAL	42,790.46		43,557.27			
ANNUAL MEAN	117		119		152	
HIGHEST ANNUAL MEAN					406	2003
LOWEST ANNUAL MEAN					2.63	2002
HIGHEST DAILY MEAN	4,080	Dec 10	4,080	Dec 10	10,500	Oct 2, 1929
LOWEST DAILY MEAN	0.01	Jul 6	0.01	Jul 20	0.00	Sep 4, 1938
ANNUAL SEVEN-DAY MINIMUM	0.01	Jul 6	0.01	Sep 23	0.00	Sep 4, 1938
MAXIMUM PEAK FLOW			7,810	Dec 10	19,700	Jul 26, 1938
MAXIMUM PEAK STAGE			13.53	Dec 10	19.50	Jul 26, 1938
INSTANTANEOUS LOW FLOW			0.01	Jul 10	0.00*	Sep 4, 1938
ANNUAL RUNOFF (CFSM)	0.696		0.710		0.908	
ANNUAL RUNOFF (INCHES)	9.48		9.64		12.33	
10 PERCENT EXCEEDS	218		237		309	
50 PERCENT EXCEEDS	55		44		58	
90 PERCENT EXCEEDS	0.03		0.02		0.36	

[@] See PERIOD OF RECORD.
* See REMARKS.
e Estimated.



0208650112 FLAT RIVER TRIBUTARY NEAR WILLARDVILLE, NC

LOCATION.--Lat 36°07'55", long 78°50'00", Durham County, Hydrologic Unit 03020201, on left bank at culvert on Secondary Road 1680, 1.5 mi southeast of Willardville.

DRAINAGE AREA.--1.14 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--March 1988 to September 1990, October 1994 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 270 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records good except those for April 29 to June 2, which are poor, due to effects of beaver dams on the gage height-discharge relationship. No flow at times during most years. Maximum discharge for period of record, from rating curve extended above 70 ft^3/s, on basis of computation of flow through culvert with road overflow. Maximum gage height for period of record from floodmarks.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.06	0.24	0.47	0.19	0.90	2.9	1.2	0.59	0.08	0.01	0.02	0.00
2	0.09	0.27	0.40	0.19	0.71	1.5	4.9	0.58	0.17	0.04	0.00	0.00
3	0.07	0.32	0.34	0.19	1.3	1.1	2.6	0.64	0.25	0.02	0.00	0.00
4	0.06	0.35	0.30	0.19	1.8	0.92	1.6	0.62	0.14	0.01	0.00	0.00
5	0.10	0.23	0.28	0.19	1.1	0.90	1.2	0.55	0.08	0.01	0.00	0.00
6	0.13	0.16	0.26	0.19	0.81	0.82	1.1	0.43	0.05	0.00	0.00	0.00
7	0.13	0.14	0.33	0.19	0.70	0.77	1.9	0.39	0.06	0.03	0.00	0.00
8	0.14	0.16	0.30	0.19	0.65	3.1	3.4	0.44	0.08	0.07	0.00	0.00
9	0.15	0.17	0.33	0.19	0.62	2.0	2.7	0.44	0.33	0.01	0.00	0.00
10	0.16	0.16	6.7	0.19	0.61	1.3	1.5	0.38	0.33	0.00	0.00	0.00
11	0.14	0.15	1.5	0.16	0.56	1.1	1.2	0.30	0.15	0.00	0.00	0.00
12	0.16	1.7	0.64	0.18	0.52	1.1	1.0	0.35	0.08	0.01	0.00	0.00
13	0.91	2.0	0.46	0.38	0.52	0.91	1.1	0.32	0.06	0.00	0.00	0.00
14	1.1	0.57	0.35	18	0.56	0.90	0.96	0.37	0.06	0.02	0.00	0.00
15	0.37	0.36	0.29	2.8	0.55	0.79	0.81	0.33	0.04	0.02	0.00	0.00
16	0.24	0.29	0.26	1.4	0.53	1.5	0.72	0.28	0.02	0.00	0.00	0.00
17	0.18	0.24	0.25	0.96	0.49	7.3	0.70	0.27	0.02	0.00	0.00	0.00
18	0.15	0.22	0.25	0.74	0.46	2.9	0.67	0.33	0.02	0.00	0.00	0.00
19	0.16	0.20	0.25	0.67	0.43	1.7	0.65	0.34	0.02	0.00	0.00	0.00
20	0.20	0.19	0.22	0.65	0.44	1.3	0.60	0.32	0.03	0.00	0.00	0.00
21	0.19	0.19	0.22	0.65	0.48	1.1	0.57	0.21	0.02	0.00	0.00	0.00
22	0.17	0.18	0.21	0.62	0.47	0.93	0.55	0.17	0.03	0.01	0.00	0.00
23	0.15	0.45	0.32	0.57	0.43	1.6	0.59	0.16	0.03	0.02	0.00	0.00
24	0.16	1.3	0.30	0.53	0.82	2.7	0.55	0.31	0.02	0.00	0.00	0.00
25	0.15	0.69	0.25	0.56	0.88	1.6	0.50	0.19	0.02	0.00	0.00	0.00
26	0.13	0.39	0.22	0.56	0.67	1.2	0.50	0.34	0.02	0.00	0.00	0.00
27	0.13	0.31	0.20	0.47	0.60	1.1	0.50	0.26	0.03	0.00	0.00	0.00
28	0.13	3.7	0.19	0.39	6.7	12	0.46	0.22	0.06	0.00	0.00	0.00
29	0.13	0.95	0.19	0.42	---	3.6	0.56	0.30	0.05	0.01	0.00	0.00
30	0.16	0.56	0.19	1.5	---	1.8	0.60	0.17	0.03	0.02	0.00	0.00
31	0.19	---	0.19	1.4	---	1.4	---	0.09	---	0.02	0.00	---
TOTAL	6.39	16.84	16.66	35.51	25.31	63.84	35.89	10.69	2.38	0.33	0.02	0.00
MEAN	0.21	0.56	0.54	1.15	0.90	2.06	1.20	0.34	0.08	0.01	0.00	0.00
MAX	1.1	3.7	6.7	18	6.7	12	4.9	0.64	0.33	0.07	0.02	0.00
MIN	0.06	0.14	0.19	0.16	0.43	0.77	0.46	0.09	0.02	0.00	0.00	0.00
CFSM	0.18	0.49	0.47	1.00	0.79	1.81	1.05	0.30	0.07	0.01	0.00	0.00
IN.	0.21	0.55	0.54	1.16	0.83	2.08	1.17	0.35	0.08	0.01	0.00	0.00

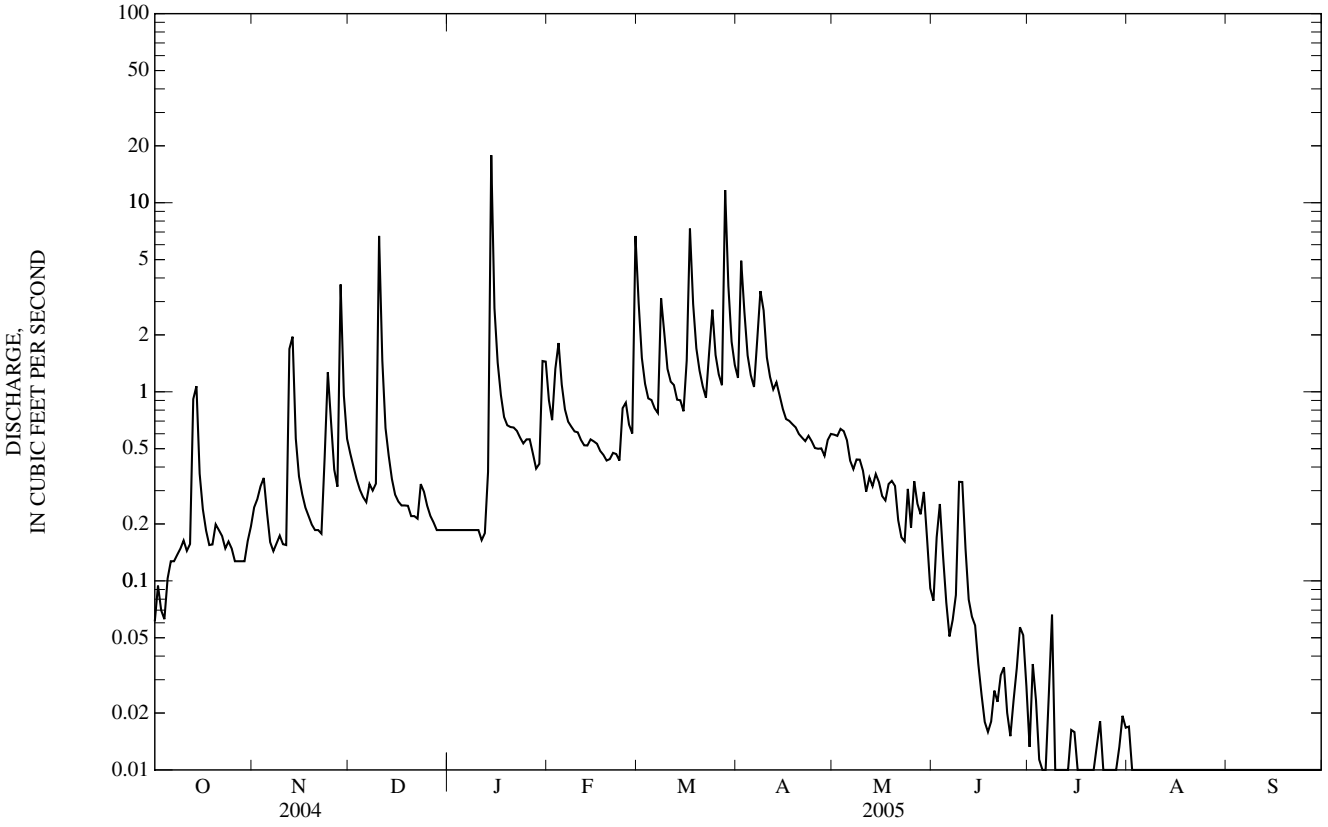
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2005,@ BY WATER YEAR (WY)

MEAN	0.59	0.45	0.85	1.58	2.01	2.37	1.52	0.66	0.47	0.23	0.14	1.18
MAX	4.01	1.27	3.26	3.17	5.41	8.30	5.04	2.20	4.07	1.26	0.50	8.60
(WY)	(2003)	(1996)	(1990)	(1998)	(1998)	(1998)	(2003)	(1989)	(1995)	(1989)	(1989)	(1996)
MIN	0.01	0.06	0.01	0.16	0.27	0.36	0.06	0.01	0.05	0.00	0.00	0.00
(WY)	(2002)	(2001)	(1989)	(2001)	(2002)	(2002)	(1995)	(2002)	(1988)	(1988)	(2005)	(1990)

0208650112 FLAT RIVER TRIBUTARY NEAR WILLARDVILLE, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1987 - 2005[@]	
ANNUAL TOTAL	171.35		213.86			
ANNUAL MEAN	0.47		0.59		1.02	
HIGHEST ANNUAL MEAN					2.00	2003
LOWEST ANNUAL MEAN					0.16	2002
HIGHEST DAILY MEAN	6.7	Dec 10	18	Jan 14	225	Sep 6, 1996
LOWEST DAILY MEAN	0.00	Jul 7	0.00	Jul 6	0.00	Jun 22, 1988
ANNUAL SEVEN-DAY MINIMUM	0.00	Jul 7	0.00	Aug 2	0.00	Jul 2, 1988
MAXIMUM PEAK FLOW			71	Jan 14	1,410*	Sep 6, 1996
MAXIMUM PEAK STAGE			4.38	Jan 14	7.77*	Sep 6, 1996
INSTANTANEOUS LOW FLOW			0.00*	Jul 1	0.00*	Jun 15, 1988
ANNUAL RUNOFF (CFSM)	0.411		0.514		0.898	
ANNUAL RUNOFF (INCHES)	5.59		6.98		12.20	
10 PERCENT EXCEEDS	0.91		1.3		1.8	
50 PERCENT EXCEEDS	0.26		0.22		0.21	
90 PERCENT EXCEEDS	0.04		0.00		0.00	

[@] See PERIOD OF RECORD.
* See REMARKS.



0208650112 FLAT RIVER TRIBUTARY NEAR WILLARDVILLE, NC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1988-91, 1994 to current year

REMARKS.--Station operated to define the impacts of various land-use development on surface-water quality in the Upper Neuse River basin.

COOPERATION.--For the period February 1988 through June 1989 the inorganic chemical data and trace metal data were analyzed by the city of Durham's Brown Water Treatment Plant Laboratory.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	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)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)
OCT													
05...	1100	.15	767	8.5	87	6.4	100	16.9	.13	.11	<.04	<.06	<.008
NOV													
22...	1500	.19	754	10.2	100	7.5	116	13.7	.30	.15	<.04	E.04	<.008
DEC													
21...	1630	.22	759	12.9	95	6.8	61	2.7	.11	E.08	<.04	.12	<.008
FEB													
10...	1615	.57	752	10.7	94	6.8	70	9.1	.10	.12	<.04	<.06	<.008
APR													
07...	1200	.95	749	9.4	97	6.4	64	15.8	.16	.15	<.04	<.06	<.008
JUN													
02...	1530	.22	752	8.7	89	7.3	91	16.2	.15	.24	<.04	.15	<.008

Date	Total nitrogen, water, fltrd, mg/L (00602)	Total nitrogen, water, unfltrd mg/L (00600)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)	Aluminum, water, unfltrd recoverable, ug/L (01105)	Arsenic water unfltrd ug/L (01002)	Cadmium water, unfltrd ug/L (01027)	Chromium, water, unfltrd recoverable, ug/L (01034)	Cobalt water, unfltrd recoverable, ug/L (01037)	Copper, water, unfltrd recoverable, ug/L (01042)	Iron, water, unfltrd recoverable, ug/L (01045)	Lead, water, unfltrd recoverable, ug/L (01051)
OCT													
05...	--	--	<.02	<.04	<.04	51	<2	E.02	<.8	.346	.6	700	.11
NOV													
22...	--	--	<.02	<.04	<.04	--	--	--	--	--	--	--	--
DEC													
21...	.23	--	<.02	<.04	<.04	54	<2	<.04	<.8	.329	1.2	370	.07
FEB													
10...	--	--	<.02	<.04	<.04	--	--	--	--	--	--	--	--
APR													
07...	--	--	<.02	<.04	<.04	--	--	--	--	--	--	--	--
JUN													
02...	.30	.39	<.02	<.04	E.02	--	--	--	--	--	--	--	--

Date	Manganese, water, unfltrd recoverable, ug/L (01055)	Mercury water, unfltrd recoverable, ug/L (71900)	Molybdenum, water, unfltrd recoverable, ug/L (01062)	Nickel, water, unfltrd recoverable, ug/L (01067)	Selenium, water, unfltrd ug/L (01147)	Silver, water, unfltrd recoverable, ug/L (01077)	Zinc, water, unfltrd recoverable, ug/L (01092)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
OCT									
05...	51	<.01	E.1	.44	E.3	<.16	<2	5	.00
NOV									
22...	--	--	--	--	--	--	--	6	.00
DEC									
21...	49	<.01	<.2	.35	<.4	<.16	E1	3	.00
FEB									
10...	--	--	--	--	--	--	--	4	.01
APR									
07...	--	--	--	--	--	--	--	11	.03
JUN									
02...	--	--	--	--	--	--	--	15	.01

02086920 FALLS LAKE AT INTERSTATE 85 NEAR REDWOOD, NC

LOCATION.--Lat 36°04'11", long 78°46'45", Durham County, Hydrologic Unit 03020201, at bridge on Interstate 85, 1.7 mi north of Redwood.

PERIOD OF RECORD.--Water years 1989 to 1995, 2005.

REMARKS.--Station operated to define water quality as part of a six-county regional surface-water quality assessment. A GC/FID scan for trace organic compounds was performed on samples collected in October 1994 and April 1995. Results may be obtained from the USGS Water Science Center, Raleigh, NC. Samples for nutrient and chlorophyll *a* and *b* analyses were collected through a sampling zone equal to double the secchi disk depth using the depth-integration sampling technique.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Medium code	Color, water, fltrd, Pt-Co units (00080)	Sampling depth, meters (00098)	Transparency Secchi disc, meters (00078)	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)	Hardness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)
AUG													
04...	1030	9	30	1.0	.20	757	2.1	28	7.1	240	28.9	47	11.9
04...	1035	9	--	2.0	--	757	1.4	18	7.0	243	28.1	--	--
04...	1040	9	--	4.0	--	757	.1	2	7.0	271	27.0	--	--

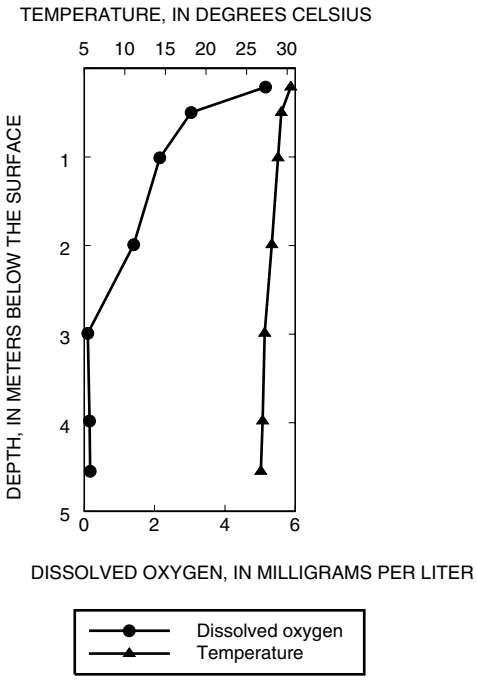
Date	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf incrm. titr., field, mg/L as CaCO3 (00419)	Bicarbonate, wat unf incrm. titr., field, mg/L (00450)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)
AUG													
04...	4.14	4.09	22.7	52	63	22.9	.3	8.59	10.0	138	1.2	E.007	<.016
04...	--	--	--	--	--	--	--	--	--	--	1.1	.136	<.016
04...	--	--	--	--	--	--	--	--	--	--	1.5	.540	<.016

Date	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	Chlorophyll a phytoplankton, fluoro, ug/L (70953)	Chlorophyll b phytoplankton, fluoro, ug/L (70954)	Iron, water, unfltrd recoverable, ug/L (01045)	Manganese, water, unfltrd recoverable, ug/L (01055)
AUG								
04...	<.002	<.02	.17	12.7	35.9	4.3	1,780	852
04...	<.002	<.02	.17	--	--	--	1,990	1,090
04...	<.002	<.02	.21	--	--	--	2,430	2,070

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

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

02086920 FALLS LAKE AT INTERSTATE 85 NEAR REDWOOD, NC—Continued



0208703650 FALLS LAKE AT STATE HIGHWAY 50 NEAR SANDY PLAIN, NC

LOCATION.--Lat 36°00'55", long 78°41'28", Wake County, Hydrologic Unit 03020201, at bridge on State Highway 50, 3.3 mi south of Sandy Plain.

PERIOD OF RECORD.--Water years 1989 to 1995, 2005.

REMARKS.--Station operated to define water quality as part of a six-county regional surface-water quality assessment. A GC/FID scan for trace organic compounds was performed on samples collected in October 1994 and May 1995. Results may be obtained from the USGS Water Science Center, Raleigh, NC. Samples for nutrient and chlorophyll *a* and *b* analyses were collected through a sampling zone equal to double the secchi disk depth using the depth-integration sampling technique.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Medium code	Color, water, fltrd, Pt-Co units (00080)	Sampling depth, meters (00098)	Transparency Secchi disc, meters (00078)	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)	Hardness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)
AUG													
03...	1045	9	15	1.0	1.10	756	7.2	96	8.2	123	29.8	31	7.39
03...	1050	9	--	2.0	--	756	6.3	84	7.5	124	29.5	--	--
03...	1055	9	--	4.0	--	756	2.7	35	6.8	126	28.7	--	--

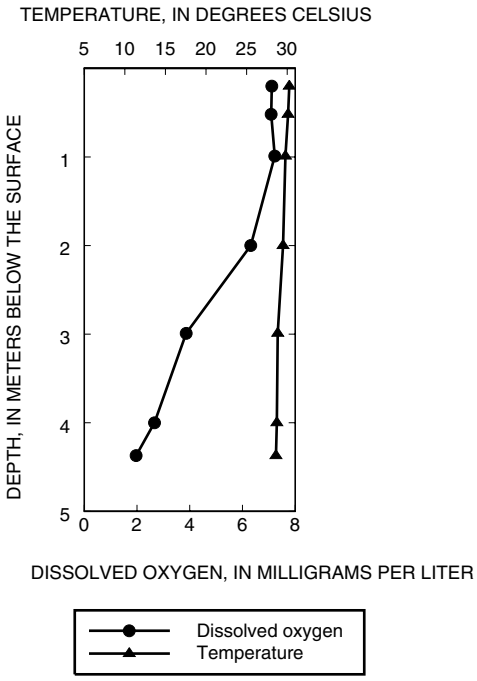
Date	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf incrm. titr., field, mg/L as CaCO3 (00419)	Bicarbonate, wat unf incrm. titr., field, mg/L (00450)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)
AUG													
03...	2.99	2.13	7.77	29	35	9.20	.1	5.47	5.5	75	.62	<.010	<.016
03...	--	--	--	--	--	--	--	--	--	--	.62	E.005	<.016
03...	--	--	--	--	--	--	--	--	--	--	.61	.052	<.016

Date	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	Chlorophyll a phytoplankton, fluoro, ug/L (70953)	Chlorophyll b phytoplankton, fluoro, ug/L (70954)	Iron, water, unfltrd recoverable, ug/L (01045)	Manganese, water, unfltrd recoverable, ug/L (01055)
AUG								
03...	E.001	<.006	.043	8.8	10.6	<.1	80	101
03...	E.001	<.006	.043	--	--	--	100	112
03...	E.001	<.006	.034	--	--	--	140	169

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

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

0208703650 FALLS LAKE AT STATE HIGHWAY 50 NEAR SANDY PLAIN, NC—Continued



0208708905 FALLS LAKE AT STATE HIGHWAY 98 NEAR BAYLEAF, NC

LOCATION.--Lat 35°58'43", long 78°37'58", Wake County, Hydrologic Unit 03020201, at bridge on State Highway 98, 2.0 mi north of Bayleaf.

PERIOD OF RECORD.--Water years 1989 to 1995, 2005.

REMARKS.--Station operated to define water quality as part of a six-county regional surface-water quality assessment. A GC/FID scan for trace organic compounds was performed on samples collected in October 1994 and May 1995. Results may be obtained from the USGS Water Science Center, Raleigh, NC. Samples for nutrient and chlorophyll *a* and *b* analyses were collected through a sampling zone equal to double the secchi disk depth using the depth-integration sampling technique.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Medium code	Color, water, fltrd, Pt-Co units (00080)	Sampling depth, meters (00098)	Transparency Secchi disc, meters (00078)	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)	Hardness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)
AUG													
03...	0930	9	15	1.0	1.40	756	6.5	87	7.7	108	30.2	28	6.19
03...	0935	9	--	5.0	--	756	.1	2	6.6	124	27.8	--	--
03...	0940	9	--	11.0	--	756	.3	3	6.7	173	18.6	--	--

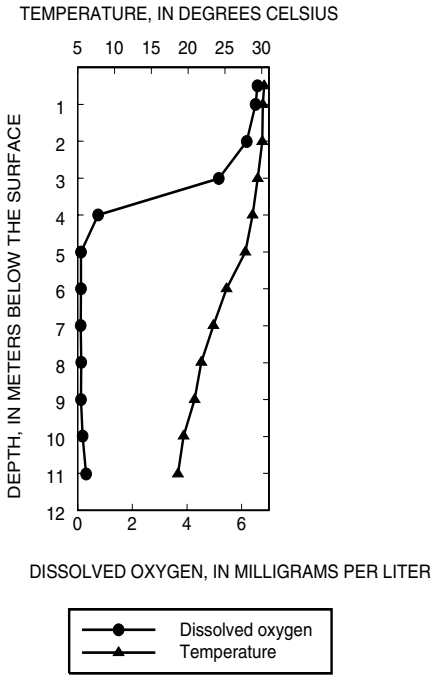
Date	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf incrm. titr., field, mg/L as CaCO3 (00419)	Bicarbonate, wat unf incrm. titr., field, mg/L (00450)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)
AUG													
03...	2.97	2.21	7.24	24	29	7.71	E.1	4.70	5.6	68	.46	E.005	<.016
03...	--	--	--	--	--	--	--	--	--	--	.54	E.007	<.016
03...	--	--	--	--	--	--	--	--	--	--	1.7	1.25	<.016

Date	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	Chlorophyll a phytoplankton, fluoro, ug/L (70953)	Chlorophyll b phytoplankton, fluoro, ug/L (70954)	Iron, water, unfltrd recoverable, ug/L (01045)	Manganese, water, unfltrd recoverable, ug/L (01055)
AUG								
03...	E.001	<.006	.022	7.9	2.9	<.1	50	44.4
03...	<.002	<.006	.035	--	--	--	180	1,050
03...	.003	E.005	.042	--	--	--	5,180	3,070

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

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

0208708905 FALLS LAKE AT STATE HIGHWAY 98 NEAR BAYLEAF, NC—Continued



0208717595 FALLS LAKE AT MILE MARKER 1 NEAR FALLS, NC

LOCATION.--Lat 35°57'19", long 78°35'02", Wake County, Hydrologic Unit 03020201, at mile marker 1, 1.3 mi north of Falls.

PERIOD OF RECORD.--Water years 2005.

REMARKS.--Station operated to define water quality as part of a six-county regional surface-water quality assessment. Samples for nutrient and chlorophyll *a* and *b* analyses were collected through a sampling zone equal to double the secchi disk depth using the depth-integration sampling technique.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Medium code	Color, water, fltrd, Pt-Co units (00080)	Sampling depth, meters (00098)	Transparency Secchi disc, meters (00078)	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)	Hardness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)
AUG													
02...	1045	9	10	1.0	1.55	758	6.1	81	7.3	105	29.6	25	5.36
02...	1046	R	--	1.0	1.55	758	6.1	81	7.3	105	29.6	--	--
02...	1047	R	--	1.0	1.55	758	6.1	81	7.3	105	29.6	--	--
02...	1048	R	--	1.0	1.55	758	6.1	81	7.3	105	29.6	--	--
02...	1049	R	--	1.0	1.55	758	6.1	81	7.3	105	29.6	--	--
02...	1050	9	--	4.0	--	758	5.8	76	7.2	106	29.3	--	--
02...	1055	9	--	9.0	--	758	.1	1	6.5	144	20.5	--	--

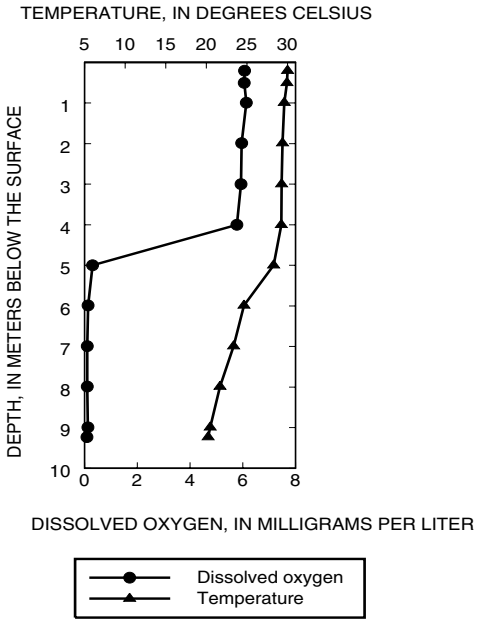
Date	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf incrm. titr., field, mg/L as CaCO3 (00419)	Bicarbonate, wat unf incrm. titr., field, mg/L (00450)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)
AUG													
02...	2.84	2.21	7.55	20	24	8.01	E.1	4.94	7.3	68	.39	<.010	<.016
02...	--	--	--	20	--	--	--	--	--	--	--	--	--
02...	--	--	--	20	--	--	--	--	--	--	--	--	--
02...	--	--	--	20	--	--	--	--	--	--	--	--	--
02...	--	--	--	20	--	--	--	--	--	--	--	--	--
02...	--	--	--	--	--	--	--	--	--	--	.43	E.008	<.016
02...	--	--	--	--	--	--	--	--	--	--	.54	.037	<.016

Date	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	Chlorophyll a phytoplankton, fluoro, ug/L (70953)	Chlorophyll b phytoplankton, fluoro, ug/L (70954)	Iron, water, unfltrd recoverable, ug/L (01045)	Manganese, water, unfltrd recoverable, ug/L (01055)
AUG								
02...	E.001	<.006	.016	6.4	5.5	<.1	40	43.9
02...	--	--	--	--	7.8	<.1	--	--
02...	--	--	--	--	5.3	<.1	--	--
02...	--	--	--	--	2.6	<.1	--	--
02...	--	--	--	--	6.0	<.1	--	--
02...	<.002	<.006	.020	--	--	--	90	49.7
02...	.002	<.006	.027	--	--	--	2,400	1,740

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

Medium codes used in this table:
9 -- Surface water sample.
R -- Quality-control sample, surface water.

0208717595 FALLS LAKE AT MILE MARKER 1 NEAR FALLS, NC—Continued



0208718195 FALLS LAKE ABOVE DAM AT FALLS, NC

LOCATION.--Lat 35°56'29", long 78°35'01", Wake County, Hydrologic Unit 03020201, 0.05 mi above dam, 0.5 mi northwest of Falls.

PERIOD OF RECORD.--Water years 1989 to 1995, 2005.

REMARKS.--Station operated to define water quality as part of a six-county regional surface-water quality assessment. A GC/FID scan for trace organic compounds was performed on samples collected in October 1994 and May 1995. Results may be obtained from the USGS Water Science Center, Raleigh, NC. Samples for nutrient and chlorophyll *a* and *b* analyses were collected through a sampling zone equal to double the secchi disk depth using the depth-integration sampling technique.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Medium code	Color, water, fltrd, Pt-Co units (00080)	Sampling depth, meters (00098)	Transparency Secchi disc, meters (00078)	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)	Hardness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)
AUG													
02...	1200	9	12	1.0	1.70	758	6.0	80	7.4	107	29.8	25	5.37
02...	1205	9	--	4.0	--	758	4.6	61	7.0	108	29.5	--	--
02...	1210	9	--	8.0	--	758	.2	2	6.6	130	21.6	--	--

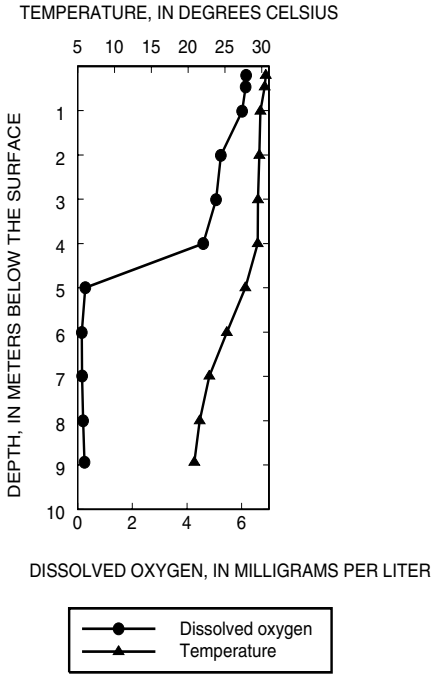
Date	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf incrm. titr., field, mg/L as CaCO3 (00419)	Bicarbonate, wat unf incrm. titr., field, mg/L (00450)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)
AUG													
02...	2.79	2.25	7.88	22	27	8.15	.1	5.05	8.4	60	.40	E.005	<.016
02...	--	--	--	--	--	--	--	--	--	--	.43	E.006	<.016
02...	--	--	--	--	--	--	--	--	--	--	.53	.053	<.016

Date	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	Chlorophyll a phytoplankton, fluoro, ug/L (70953)	Chlorophyll b phytoplankton, fluoro, ug/L (70954)	Iron, water, unfltrd recoverable, ug/L (01045)	Manganese, water, unfltrd recoverable, ug/L (01055)
AUG								
02...	E.001	<.006	.021	6.3	3.3	<.1	40	45.0
02...	E.001	<.006	.020	--	--	--	100	114
02...	E.001	<.006	.034	--	--	--	1,010	1,550

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

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

0208718195 FALLS LAKE ABOVE DAM AT FALLS, NC—Continued



02087182 FALLS LAKE ABOVE DAM NEAR FALLS, NC

LOCATION.--Lat 35°56'28", long 78°35'00", Wake County, Hydrologic Unit 03020201, on intake tower 50 ft upstream from Falls Lake dam, and 0.3 mi northwest of Falls and 235 mi upstream from mouth.

DRAINAGE AREA.--771 mi^2.

ELEVATION RECORDS

PERIOD OF RECORD.--February 1979 to current year.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929. U.S. Army Corps of Engineers satellite telemetry at station.

REMARKS.--Lake used for flood control, water supply, low-flow agumentation, and recreation. Temporary filling began May 1981 for water supply for city of Raleigh during drought conditions. Gates were closed on Jan. 13, 1983 and normal pool elevation of 250.1 ft was recorded Dec. 7, 1983. Total capacity of reservoir is 4,998,074,000 ft^3 at elevation of 250.1 ft.

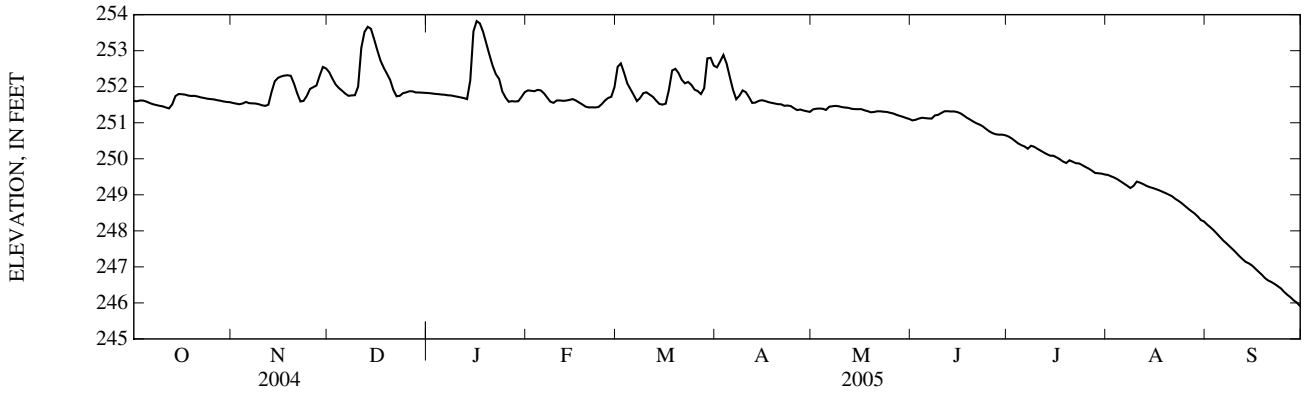
EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 264.34 ft, Oct. 1, 2, 1999; minimum elevation, 242.78 ft, Nov. 26, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 253.87 ft, Jan. 16, 17; minimum elevation, 265.86 ft, Sept. 30.

COOPERATION.--Extremes for period of record provided by U.S. Army Corps of Engineers.

ELEVATION, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	251.60	251.55	252.40	251.82	251.90	252.55	252.54	251.37	251.06	250.62	249.55	248.17
2	251.60	251.53	252.22	251.81	251.89	252.65	252.70	251.39	251.08	250.56	249.51	248.10
3	251.62	251.51	252.06	251.80	251.88	252.39	252.88	251.39	251.12	250.49	249.48	248.01
4	251.61	251.54	251.96	251.79	251.91	252.09	252.64	251.39	251.14	250.43	249.43	247.92
5	251.58	251.58	251.89	251.78	251.90	251.93	252.27	251.36	251.13	250.38	249.37	247.83
6	251.55	251.54	251.81	251.78	251.82	251.77	251.91	251.44	251.12	250.34	249.31	247.73
7	251.51	251.54	251.75	251.76	251.70	251.60	251.65	251.46	251.12	250.28	249.25	247.65
8	251.49	251.53	251.76	251.76	251.58	251.69	251.75	251.47	251.20	250.36	249.19	247.57
9	251.47	251.51	251.76	251.74	251.55	251.82	251.90	251.46	251.22	250.33	249.25	247.48
10	251.46	251.49	252.00	251.72	251.62	251.84	251.85	251.43	251.27	250.28	249.37	247.39
11	251.42	251.47	253.08	251.70	251.62	251.78	251.71	251.42	251.32	250.23	249.34	247.30
12	251.40	251.50	253.52	251.68	251.61	251.72	251.55	251.41	251.32	250.17	249.30	247.22
13	251.51	251.86	253.66	251.66	251.62	251.61	251.56	251.39	251.31	250.13	249.25	247.14
14	251.74	252.15	253.61	252.17	251.63	251.52	251.61	251.38	251.31	250.09	249.21	247.10
15	251.80	252.24	253.32	253.54	251.66	251.50	251.62	251.38	251.30	250.08	249.19	247.03
16	251.79	252.29	253.01	253.82	251.62	251.53	251.61	251.38	251.26	250.04	249.16	246.95
17	251.78	252.31	252.72	253.76	251.56	251.92	251.57	251.35	251.20	249.98	249.12	246.87
18	251.75	252.32	252.53	253.52	251.51	252.45	251.55	251.32	251.14	249.92	249.09	246.78
19	251.74	252.30	252.36	253.20	251.45	252.50	251.54	251.29	251.09	249.88	249.05	246.69
20	251.75	252.09	252.19	252.88	251.43	252.38	251.52	251.30	251.03	249.96	249.00	246.62
21	251.73	251.81	251.91	252.58	251.43	252.19	251.51	251.32	250.98	249.92	248.96	246.58
22	251.70	251.59	251.73	252.35	251.43	252.09	251.47	251.32	250.95	249.88	248.89	246.53
23	251.69	251.61	251.75	252.22	251.44	252.13	251.48	251.31	250.90	249.87	248.83	246.46
24	251.67	251.75	251.82	251.87	251.51	252.05	251.46	251.30	250.83	249.82	248.77	246.40
25	251.66	251.94	251.84	251.70	251.61	251.92	251.40	251.28	250.76	249.77	248.69	246.30
26	251.65	251.99	251.87	251.58	251.69	251.88	251.35	251.26	250.71	249.73	248.62	246.23
27	251.63	252.03	251.87	251.60	251.72	251.80	251.37	251.22	250.68	249.67	248.55	246.15
28	251.61	252.30	251.84	251.59	251.99	251.96	251.34	251.19	250.67	249.61	248.48	246.07
29	251.59	252.55	251.84	251.60	---	252.79	251.32	251.17	250.67	249.60	248.40	246.00
30	251.58	252.51	251.84	251.72	---	252.80	251.30	251.13	250.65	249.59	248.30	245.91
31	251.57	---	251.83	251.85	---	252.58	---	251.10	---	249.56	248.26	---
MEAN	251.62	251.86	252.25	252.14	251.65	252.05	251.73	251.33	251.05	250.05	249.04	247.01
MAX	251.80	252.55	253.66	253.82	251.99	252.80	252.88	251.47	251.32	250.62	249.55	248.17
MIN	251.40	251.47	251.73	251.58	251.43	251.50	251.30	251.10	250.65	249.56	248.26	245.91



02087182 FALLS LAKE ABOVE DAM NEAR FALLS, NC—Continued

PRECIPITATION RECORDS

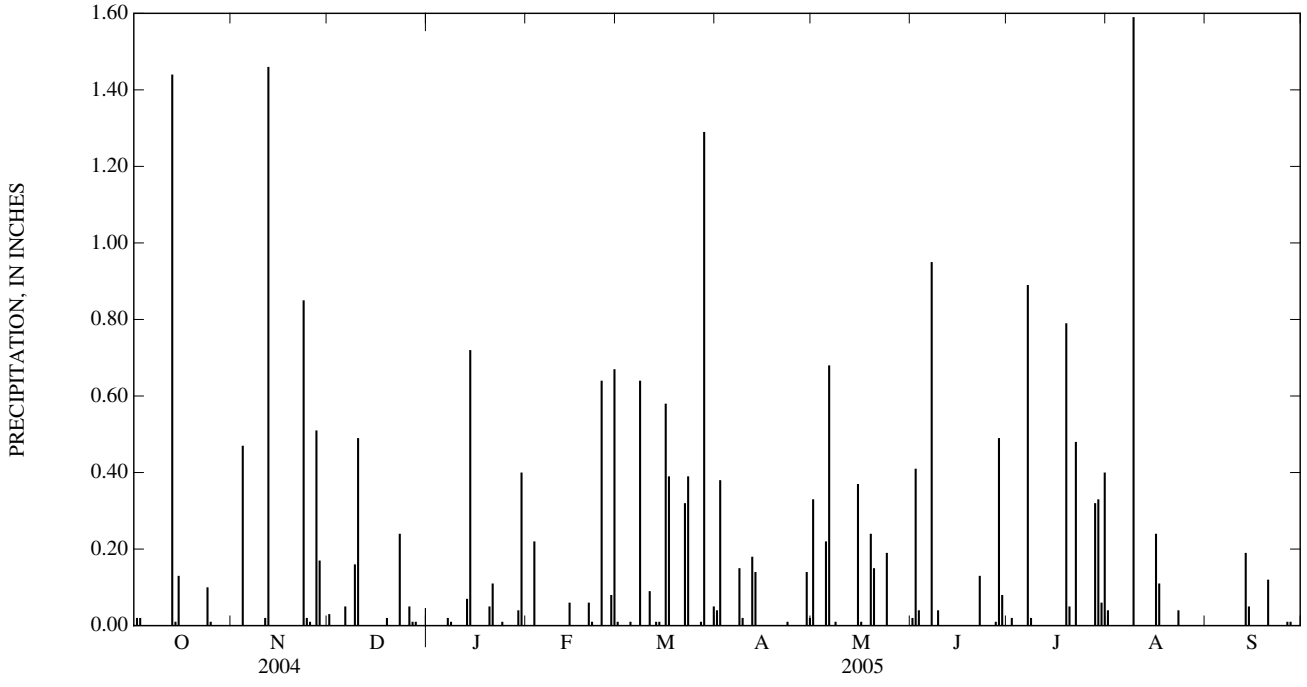
PERIOD OF RECORD.--October 1998 to current year.

GAGE.--Tipping-bucket raingage. Satellite telemetry at station.

REMARKS.--Gage is operated in cooperation with the U.S. Army Corps of Engineers. Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.03	0.00	0.00	0.01	0.04	0.33	0.02	0.00	0.04	0.00
2	0.02	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.41	0.02	0.00	0.00
3	0.02	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.04	0.00	0.00	0.00
4	0.00	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.22	0.00	0.00	0.00	0.00
6	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.68	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.95	0.89	0.00	0.00
8	0.00	0.00	0.00	0.01	0.00	0.64	0.15	0.01	0.00	0.02	0.00	0.00
9	0.00	0.00	0.16	0.00	0.00	0.00	0.02	0.00	0.04	0.00	1.59	0.00
10	0.00	0.00	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.02	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	1.46	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00
13	1.44	0.00	0.00	0.07	0.00	0.01	0.14	0.00	0.00	0.00	0.00	0.19
14	0.01	0.00	0.00	0.72	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.05
15	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.58	0.00	0.01	0.00	0.00	0.24	0.00
17	0.00	0.00	0.00	0.00	0.00	0.39	0.00	0.00	0.00	0.00	0.11	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.24	0.00	0.79	0.00	0.00
20	0.00	0.00	0.00	0.05	0.06	0.00	0.00	0.15	0.00	0.05	0.00	0.12
21	0.00	0.00	0.00	0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00	0.13	0.48	0.00	0.00
23	0.00	0.85	0.24	0.00	0.00	0.39	0.01	0.00	0.00	0.00	0.04	0.00
24	0.10	0.02	0.00	0.01	0.64	0.00	0.00	0.19	0.00	0.00	0.00	0.00
25	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
27	0.00	0.51	0.01	0.00	0.08	0.01	0.00	0.00	0.01	0.00	0.00	0.01
28	0.00	0.17	0.01	0.00	0.67	1.29	0.00	0.00	0.49	0.32	0.00	0.00
29	0.00	0.00	0.00	0.04	---	0.00	0.14	0.00	0.08	0.33	0.00	0.00
30	0.00	0.00	0.00	0.40	---	0.00	0.02	0.00	0.00	0.06	0.00	0.00
31	0.00	---	0.00	0.00	---	0.05	---	0.00	---	0.40	0.00	---
TOTAL	1.73	3.51	1.06	1.43	1.74	3.80	1.08	2.20	2.17	3.36	2.02	0.38



02087183 NEUSE RIVER NEAR FALLS, NC

LOCATION.--Lat 35°56'24", long 78°34'51", Wake County, Hydrologic Unit 03020201, on right bank 300 ft downstream from Falls Lake Dam, and 0.3 mi northwest of Falls.

DRAINAGE AREA.--771 mi^2.

PERIOD OF RECORD.--July 1970 to current year.

REVISED RECORDS.--WDR NC-91-1: Drainage area. WRD NC 96-1: 1991-95 (M).

GAGE.--Water-stage recorder. Datum of gage is 194.69 ft above NGVD of 1929. Prior to Oct. 1, 1990, water-stage recorder at site 0.4 mi downstream at 182.62 ft. U.S. Army Corps of Engineers satellite telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Flow regulated by Falls Lake (station 02087182). June 5, 1980, to May 6, 1981, flows affected by incidental storage in Falls Lake, under construction; May 6, 1981, to Jan. 13, 1983, gates closed and Falls Lake partially filled to provide storage for City of Raleigh water supply; Jan. 13, 1983, gates closed and normal pool elevation, 250.1 ft, reached Dec. 7, 1983. The City of Raleigh diverted an average of 89.1 ft^3/s, 1.2 mi upstream from station for municipal water supply, of which an average of 71.2 ft^3/s was returned downstream as treated effluent. Prior to regulation, maximum discharge: 13,600 ft^3/s, July 17, 1975; gage height: 25.21 ft; minimum discharge: 4.6 ft^3/s, Sept. 24, 1980; gage height: 2.13 ft, at site then in use. Maximum gage-height and discharge for period of record may have been higher during period of estimated record, Aug. 27-Sept. 30, 1996. Minimum discharge for period of record not determined due to intermittent gate closure at dam.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in September 1945 reached an elevation of 216.1 ft; discharge, 23,300 ft^3/s at bridge 0.4 mi upstream, from information provided by the U.S. Army Corps of Engineers.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	181	131	1,330	214	609	739	729	175	125	156	112	192
2	181	132	1,320	214	607	1,910	512	174	125	225	111	190
3	182	132	1,090	215	832	2,400	1,720	173	125	239	110	190
4	182	132	616	216	1,120	1,940	2,520	170	125	239	126	190
5	183	133	615	216	1,110	1,300	2,770	153	125	182	137	190
6	182	132	616	217	1,110	1,290	2,370	e124	125	154	132	189
7	144	132	380	217	1,110	1,120	1,450	127	125	175	163	189
8	120	132	206	217	751	858	807	125	125	176	192	190
9	121	132	207	217	450	925	1,050	123	125	176	178	191
10	122	132	209	217	274	1,020	1,290	123	125	176	154	191
11	122	132	211	217	164	1,020	1,290	124	126	176	154	191
12	122	133	212	217	164	1,020	971	124	126	141	155	191
13	122	133	415	218	164	1,020	430	125	127	110	155	191
14	123	133	1,480	219	164	739	314	125	127	111	155	191
15	124	133	2,130	682	423	353	315	125	127	111	131	189
16	125	133	2,130	1,780	612	353	316	125	126	131	115	189
17	124	132	1,840	1,780	614	356	317	125	167	171	115	185
18	125	132	1,320	2,060	407	1,080	318	125	197	189	117	184
19	125	704	1,320	2,450	257	1,920	319	125	196	189	122	184
20	126	1,670	1,320	2,450	256	1,920	272	125	170	139	145	185
21	127	1,660	1,310	2,110	258	1,490	250	126	158	112	156	158
22	127	803	715	1,770	218	773	253	125	185	110	171	129
23	127	183	211	1,780	190	1,010	255	125	201	110	172	129
24	128	184	212	1,480	190	2,100	256	126	209	108	172	171
25	129	185	212	1,120	190	1,480	228	126	226	109	171	193
26	130	183	213	580	190	973	204	125	226	143	181	193
27	130	183	213	166	190	970	186	125	214	162	205	173
28	130	184	212	167	192	558	175	125	171	161	219	150
29	130	549	213	166	---	1,680	176	125	119	136	219	149
30	130	1,330	213	167	---	2,730	176	125	119	112	220	149
31	131	---	213	426	---	2,060	---	125	---	113	203	---
TOTAL	4,255	10,199	22,904	24,165	12,816	39,107	22,239	4,093	4,567	4,742	4,868	5,376
MEAN	137	340	739	780	458	1,262	741	132	152	153	157	179
MAX	183	1,670	2,130	2,450	1,120	2,730	2,770	175	226	239	220	193
MIN	120	131	206	166	164	353	175	123	119	108	110	129
†	-12	187	-126	12	84	64	-251	-63	-87	-198	-221	-332

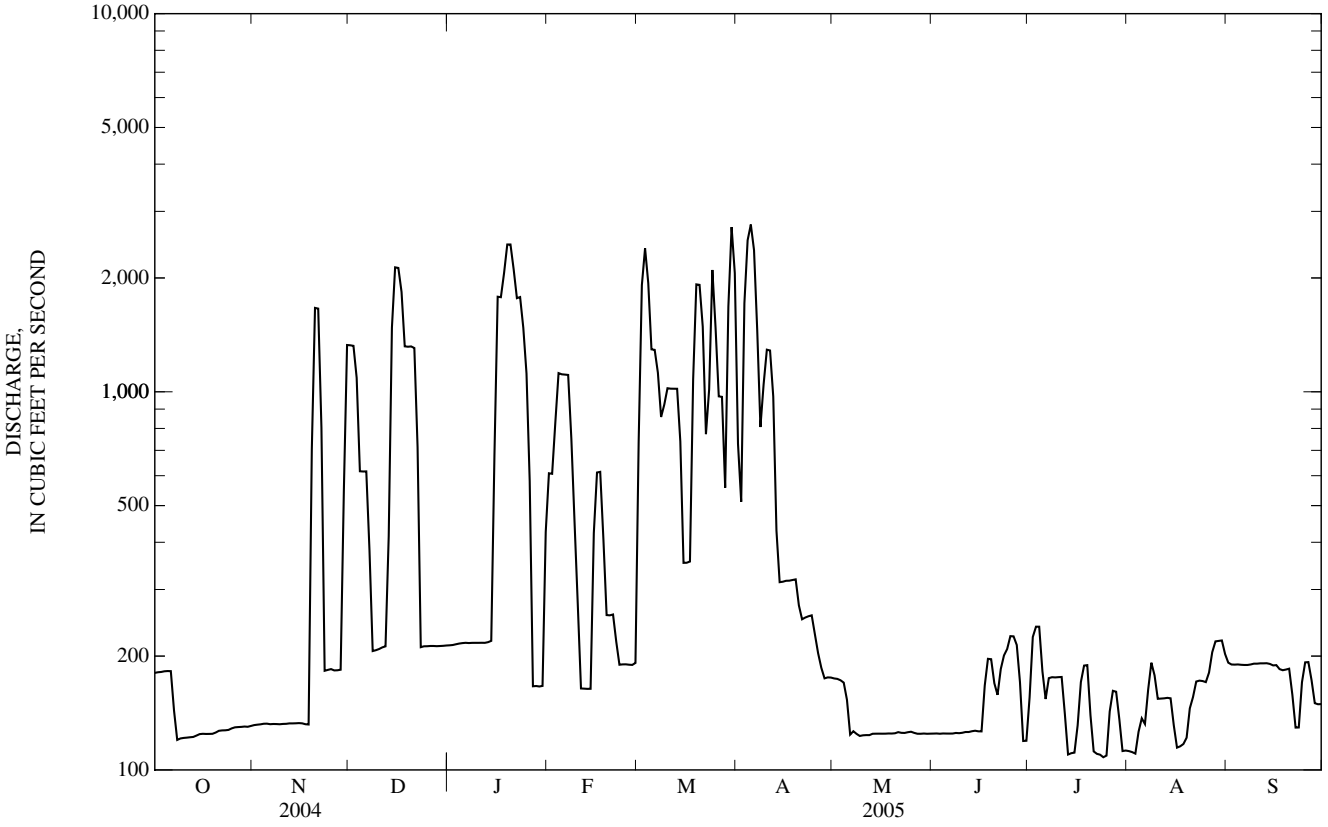
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1983 - 2005,* BY WATER YEAR (WY)

MEAN	399	377	569	776	1,169	1,531	1,210	516	323	307	305	424
MAX	3,217	1,535	1,883	2,014	3,462	3,992	3,687	1,821	1,427	1,501	1,099	3,953
(WY)	(2000)	(1996)	(2003)	(1984)	(1998)	(1989)	(2003)	(1989)	(2003)	(1995)	(1989)	(1996)
MIN	72.6	65.2	63.3	66.3	67.0	68.4	118	110	126	61.7	61.0	67.8
(WY)	(1984)	(1984)	(1992)	(2002)	(2002)	(2002)	(1995)	(1995)	(1987)	(1983)	(1983)	(1985)

02087183 NEUSE RIVER NEAR FALLS, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1983 - 2005*	
ANNUAL TOTAL	144,107		159,331			
ANNUAL MEAN	394		437	‡358	656	(UNADJUSTED)
HIGHEST ANNUAL MEAN					1,312	2003
LOWEST ANNUAL MEAN					123	2002
HIGHEST DAILY MEAN	2,680	Feb 11	2,770	Apr 5	7,420	Sep 16, 1996
LOWEST DAILY MEAN	107	May 14	108	Jul 24	55	Jan 10, 1995
ANNUAL SEVEN-DAY MINIMUM	107	May 14	117	Jul 29	56	Jan 10, 1995
MAXIMUM PEAK FLOW			2,970	Apr 5	7,650*	Sep 16, 1996
MAXIMUM PEAK STAGE			3.54	Apr 5	8.05*	Sep 16, 1996
INSTANTANEOUS LOW FLOW			105	Jul 26	NOT DETERMINED	
10 PERCENT EXCEEDS	1,290		1,320		2,130	
50 PERCENT EXCEEDS	226		185		181	
90 PERCENT EXCEEDS	112		125		98	

† Change in contents, equivalent in cubic feet per second, in Falls Reservoir, provided by U.S. Army Corps of Engineers.
* Regulated period only (1983-2005). See REMARKS.
‡ Adjusted for change in contents.
e Estimated.



0208726005 CRABTREE CREEK AT EBENEZER CHURCH ROAD NEAR RALEIGH, NC

LOCATION.--Lat 35°50'43", long 78°43'28", Wake County, Hydrologic Unit 03020201, on upstream side of bridge on Secondary Road 1649, 0.1 mi downstream from Sycamore Creek, and 6.6 mi northwest of Raleigh.

DRAINAGE AREA.--76 mi^2.

PERIOD OF RECORD.--December 1987 to September 1992, May 1997 to current year. December 1987 to September 1992, published as "Crabtree Creek at Secondary Road 1649 near Raleigh, NC".

GAGE.--Water-stage recorder. Datum of gage is 225.00 ft above NGVD of 1929, from levels. Satellite telemetry at station.

REMARKS.--Records good, except those for estimated daily discharges, which are poor. Flow regulated by flood-control dams upstream. Minimum discharge for period of record due to regulation.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	57	21	103	24	89	365	93	41	15	14	169	10
2	51	20	76	23	73	223	109	39	27	15	102	9.6
3	49	20	61	23	99	142	188	32	29	13	68	8.8
4	167	31	51	23	188	98	152	27	24	12	48	8.7
5	122	49	44	23	148	75	104	23	22	12	36	8.4
6	82	35	40	23	107	61	71	78	21	12	28	9.4
7	59	31	38	22	81	52	55	71	232	e22	21	8.7
8	45	28	36	22	65	270	252	54	395	e200	19	8.6
9	36	24	37	22	55	293	403	43	190	172	371	8.5
10	30	21	258	22	51	186	252	35	112	107	459	7.7
11	26	20	295	21	43	127	164	30	78	68	334	8.0
12	23	88	195	20	36	104	112	27	56	47	234	9.2
13	129	375	129	21	34	78	153	33	43	34	167	8.5
14	229	208	85	497	33	75	144	26	34	30	281	8.9
15	183	130	64	544	37	65	105	25	28	24	263	8.9
16	124	85	52	331	37	118	79	26	24	19	126	8.2
17	80	64	45	188	34	617	65	23	20	16	115	7.9
18	58	51	40	115	31	475	56	20	15	15	81	7.8
19	47	44	37	78	27	280	49	20	14	12	60	9.6
20	40	38	36	62	26	179	43	30	14	116	e40	13
21	34	34	31	60	29	123	39	54	11	88	e42	60
22	30	31	29	54	30	86	34	41	14	78	e35	38
23	27	109	35	52	28	114	32	35	14	100	36	28
24	26	196	44	43	115	158	30	29	12	59	31	22
25	26	166	38	39	158	128	27	26	12	43	25	19
26	24	108	36	38	118	96	24	22	12	35	20	17
27	23	77	34	35	85	75	24	19	13	25	15	16
28	21	301	31	31	392	119	23	17	14	e26	14	14
29	21	219	28	29	---	178	23	15	16	e545	14	12
30	20	147	28	92	---	151	24	14	15	402	12	11
31	21	---	25	105	---	115	---	14	---	228	12	---
TOTAL	1,910	2,771	2,081	2,682	2,249	5,226	2,929	989	1,526	2,589	3,278	415.4
MEAN	61.6	92.4	67.1	86.5	80.3	169	97.6	31.9	50.9	83.5	106	13.8
MAX	229	375	295	544	392	617	403	78	395	545	459	60
MIN	20	20	25	20	26	52	23	14	11	12	12	7.7
CFSM	0.81	1.22	0.88	1.14	1.06	2.22	1.28	0.42	0.67	1.10	1.39	0.18
IN.	0.93	1.36	1.02	1.31	1.10	2.56	1.43	0.48	0.75	1.27	1.60	0.20

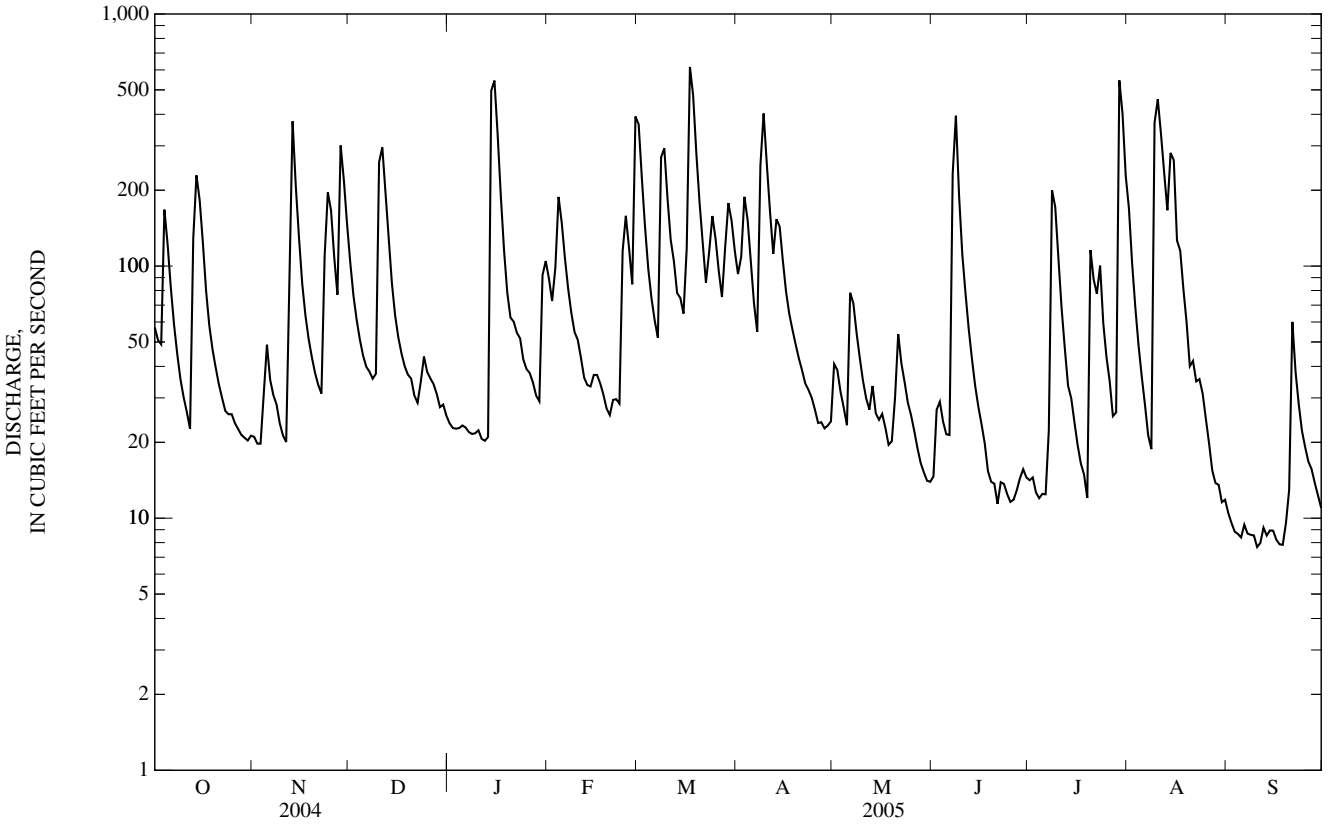
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2005,@ BY WATER YEAR (WY)

MEAN	70.4	61.1	71.8	122	133	166	96.8	50.1	50.8	58.2	75.2	94.6
MAX	276	165	255	370	364	393	260	144	136	113	246	743
(WY)	(2003)	(2003)	(2003)	(1998)	(1998)	(1998)	(2003)	(1989)	(2001)	(1997)	(2004)	(1999)
MIN	13.6	23.8	14.4	23.1	16.2	25.0	32.5	9.30	9.34	9.15	6.74	5.35
(WY)	(1992)	(1992)	(1991)	(2001)	(1991)	(1988)	(1992)	(2002)	(1999)	(1988)	(1990)	(1990)

0208726005 CRABTREE CREEK AT EBENEZER CHURCH ROAD NEAR RALEIGH, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1988 - 2005[@]	
ANNUAL TOTAL	34,727.0		28,645.4			
ANNUAL MEAN	94.9		78.5		91.5	
HIGHEST ANNUAL MEAN					170	2003
LOWEST ANNUAL MEAN					46.6	1992
HIGHEST DAILY MEAN	1,340	Aug 14	617	Mar 17	3,250	Sep 16, 1999
LOWEST DAILY MEAN	9.0	May 29	7.7	Sep 10	2.1	Dec 18, 1990
ANNUAL SEVEN-DAY MINIMUM	12	May 28	8.5	Sep 7	2.6	Dec 12, 1990
MAXIMUM PEAK FLOW			974	Apr 8	4,720	Sep 16, 1999
MAXIMUM PEAK STAGE			9.00	Apr 8	19.78	Sep 16, 1999
INSTANTANEOUS LOW FLOW			3.8	Sep 17	1.5*	Oct 12, 1997
ANNUAL RUNOFF (CFSM)	1.25		1.03		1.20	
ANNUAL RUNOFF (INCHES)	17.00		14.02		16.36	
10 PERCENT EXCEEDS	207		189		206	
50 PERCENT EXCEEDS	49		38		36	
90 PERCENT EXCEEDS	20		14		9.2	

[@] See PERIOD OF RECORD.
* See REMARKS.
e Estimated.



02087275 CRABTREE CREEK AT US HIGHWAY 70 AT RALEIGH, NC

LOCATION.--Lat 35°50'17", long 78°40'27", Wake County, Hydrologic Unit 030200201, on left bank at upstream side of bridge on U.S. Highway 70, 0.6 mi upstream from Mine Creek, 4.4 mi northwest of Raleigh.

DRAINAGE AREA.--97.6 mi^2.

PERIOD OF RECORD.--June 1997 to current year. Unpublished records of gage height for water years 1988 to 1997 are available in the files of U.S. Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is 203.72 ft above NGVD of 1929. Satellite telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Minimum discharge for period of record also occurred June 16, 2002. Minimum discharge for current water year also occurred Sept. 12.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of June 29, 1973, reached a stage of about 27.69 ft, discharge, about 11,700 ft^3/s.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e70	e27	e120	e30	107	445	117	62	19	15	208	13
2	e63	e27	e90	e29	87	270	143	49	53	16	116	12
3	e60	e28	e73	e29	131	163	224	38	42	14	77	12
4	e169	e43	e63	e29	227	114	174	33	33	13	53	11
5	e133	e62	e54	e30	168	89	122	29	29	13	45	11
6	e93	e46	e50	e28	123	73	87	131	27	14	34	12
7	e67	e38	e47	30	97	62	69	93	355	28	25	12
8	e52	e35	e44	29	79	387	267	66	535	243	22	12
9	e43	e32	e49	30	67	367	520	52	235	191	578	11
10	e37	e28	e284	30	64	220	314	42	125	117	579	11
11	e33	e27	e317	29	53	146	192	36	84	74	397	11
12	e29	e124	e219	29	44	122	128	35	60	51	266	12
13	e156	e409	e145	31	42	94	212	47	46	36	175	12
14	e260	e234	e99	616	43	94	172	34	36	35	275	13
15	e202	e146	e76	607	46	79	120	31	30	27	315	13
16	e138	e103	e64	397	46	177	88	33	26	22	138	12
17	e92	e76	e56	223	43	737	71	29	22	19	125	12
18	e68	e63	e51	136	39	559	62	25	18	17	84	11
19	e56	e55	e50	93	34	347	55	30	16	17	60	12
20	e49	e48	e47	75	34	213	49	52	16	229	45	33
21	e41	e44	e42	75	39	142	44	75	15	149	48	82
22	e38	e41	e39	66	39	107	40	52	14	119	40	44
23	e34	e135	e44	62	37	156	38	43	16	155	40	32
24	e33	e222	e55	52	176	187	35	35	14	89	34	25
25	e33	e184	e47	48	190	148	32	32	13	57	28	22
26	e30	e128	e45	47	136	114	28	28	14	40	23	19
27	e29	e97	e42	43	101	92	28	24	15	30	19	18
28	e28	e338	e39	39	526	205	27	21	22	31	17	16
29	e28	e245	e35	37	---	227	29	20	21	646	16	14
30	e27	e166	e36	136	---	178	30	18	19	468	15	13
31	e27	---	e33	127	---	137	---	19	---	276	15	---
TOTAL	2,218	3,251	2,455	3,262	2,818	6,451	3,517	1,314	1,970	3,251	3,912	543
MEAN	71.5	108	79.2	105	101	208	117	42.4	65.7	105	126	18.1
MAX	260	409	317	616	526	737	520	131	535	646	579	82
MIN	27	27	33	28	34	62	27	18	13	13	15	11
CFSM	0.73	1.11	0.81	1.08	1.03	2.13	1.20	0.43	0.67	1.07	1.29	0.19
IN.	0.85	1.24	0.94	1.24	1.07	2.46	1.34	0.50	0.75	1.24	1.49	0.21

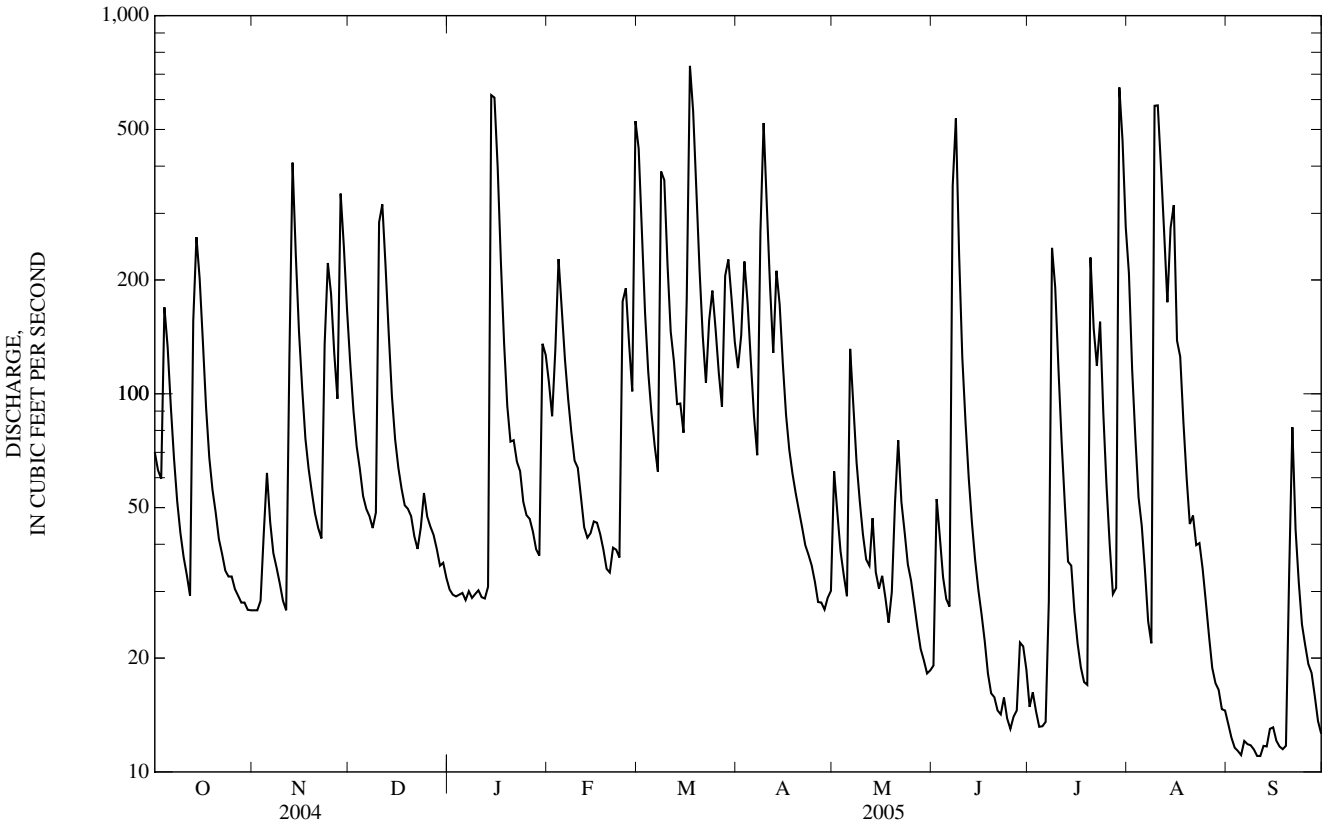
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2005, BY WATER YEAR (WY)

MEAN	97.5	74.8	107	169	183	217	133	51.3	65.1	85.2	118	177
MAX	352	201	308	422	412	429	310	92.8	170	166	331	939
(WY)	(2003)	(2003)	(2003)	(1998)	(1998)	(1998)	(2003)	(2003)	(2001)	(1997)	(2004)	(1999)
MIN	22.2	31.5	27.1	33.7	74.0	75.4	70.0	15.6	13.1	26.0	23.7	18.1
(WY)	(2001)	(2002)	(2002)	(2001)	(2002)	(2000)	(2004)	(2002)	(1999)	(1999)	(1997)	(2005)

02087275 CRABTREE CREEK AT US HIGHWAY 70 AT RALEIGH, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1997 - 2005	
ANNUAL TOTAL	42,003		34,962			
ANNUAL MEAN	115		95.8		125	
HIGHEST ANNUAL MEAN					213	2003
LOWEST ANNUAL MEAN					68.8	2002
HIGHEST DAILY MEAN	1,790	Aug 14	737	Mar 17	5,030	Sep 16, 1999
LOWEST DAILY MEAN	10	Jun 22	11	Sep 4	4.9	Jun 13, 2002
ANNUAL SEVEN-DAY MINIMUM	16	May 23	11	Sep 4	5.6	Jun 12, 2002
MAXIMUM PEAK FLOW			1,920	Aug 9	7,080	Sep 16, 1999
MAXIMUM PEAK STAGE			12.07	Aug 9	21.50	Sep 16, 1999
INSTANTANEOUS LOW FLOW			7.3*	Sep 11	1.6*	Jun 14, 2002
ANNUAL RUNOFF (CFSM)	1.18		0.981		1.28	
ANNUAL RUNOFF (INCHES)	16.01		13.33		17.35	
10 PERCENT EXCEEDS	246		227		274	
50 PERCENT EXCEEDS	63		47		53	
90 PERCENT EXCEEDS	28		16		15	

* See REMARKS.
e Estimated.



0208731190 CRABTREE CREEK AT ANDERSON DRIVE AT RALEIGH, NC

LOCATION.--Lat 35°49'16", long 78°38'03", Wake County, Hydrologic Unit 03020201, on the downstream side of Anderson Drive bridge and 2.3 mi north of Raleigh.

DRAINAGE AREA.--111 mi^2.

PERIOD OF RECORD.--May 1990 to May 1991, October 1991 to April 1993, June 1997 to current year.

GAGE.--Water-stage recorder. Datum of gage is 187.29 ft above NGVD of 1929. Satellite and telephone telemetry at station.

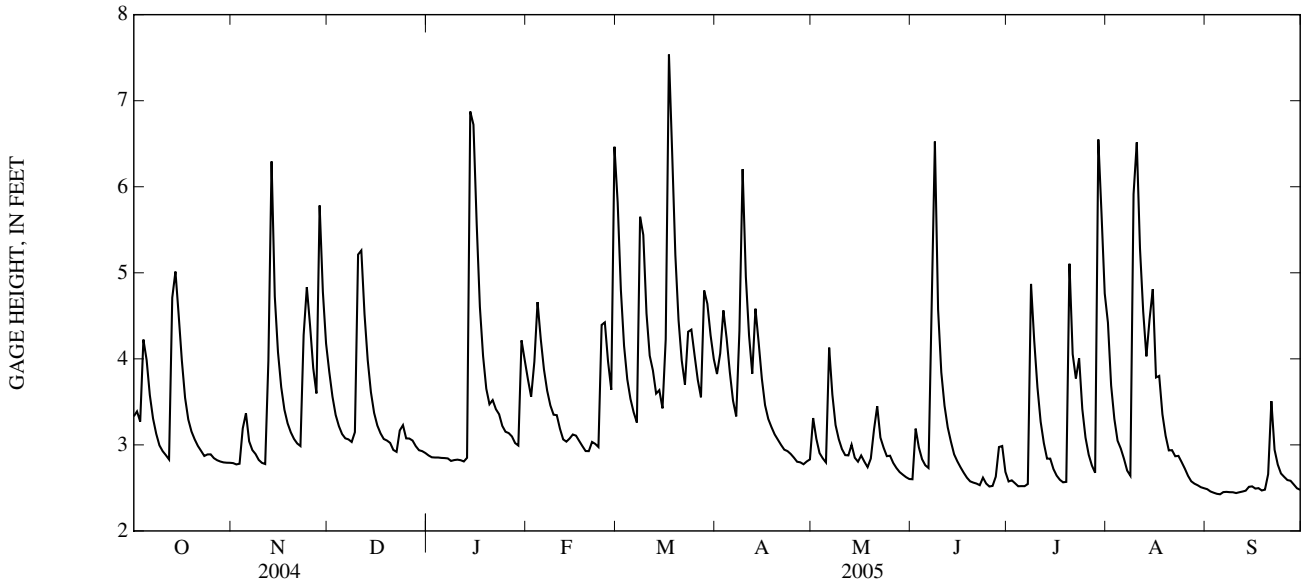
EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 21.04 ft, Sep. 16, 1999; minimum gage height not determined.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of September 1996 reached a stage of 23.1 ft from flood marks.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.55 ft, Aug. 9; minimum gage height, 2.36 ft, Sept. 5.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.33	2.79	3.85	2.88	3.76	5.82	3.82	3.31	2.60	2.57	4.42	2.48
2	3.39	2.77	3.56	2.86	3.56	4.80	4.06	3.07	3.19	2.59	3.69	2.46
3	3.27	2.78	3.35	2.85	3.97	4.15	4.56	2.91	2.97	2.55	3.30	2.44
4	4.22	3.19	3.22	2.85	4.66	3.76	4.24	2.84	2.83	2.52	3.05	2.43
5	3.99	3.37	3.13	2.85	4.23	3.53	3.84	2.80	2.76	2.52	2.96	2.43
6	3.58	3.04	3.08	2.85	3.88	3.38	3.51	4.13	2.73	2.52	2.84	2.45
7	3.31	2.94	3.06	2.84	3.63	3.26	3.33	3.59	4.61	2.55	2.70	2.45
8	3.13	2.89	3.03	2.81	3.46	5.65	4.32	3.23	6.53	4.87	2.64	2.45
9	2.99	2.82	3.15	2.82	3.35	5.44	6.20	3.07	4.57	4.21	5.91	2.45
10	2.93	2.79	5.21	2.83	3.35	4.53	4.95	2.95	3.84	3.67	6.52	2.44
11	2.88	2.78	5.26	2.82	3.19	4.04	4.27	2.88	3.46	3.27	5.28	2.45
12	2.83	3.98	4.52	2.81	3.06	3.86	3.83	2.88	3.20	3.02	4.55	2.46
13	4.71	6.29	3.98	2.85	3.04	3.60	4.58	3.00	3.04	2.84	4.03	2.47
14	5.01	4.73	3.61	6.87	3.07	3.64	4.19	2.85	2.89	2.84	4.46	2.51
15	4.51	4.08	3.37	6.72	3.12	3.42	3.77	2.80	2.81	2.72	4.81	2.52
16	3.98	3.67	3.22	5.57	3.11	4.23	3.46	2.88	2.74	2.64	3.78	2.49
17	3.55	3.41	3.13	4.60	3.05	7.54	3.30	2.80	2.68	2.59	3.80	2.50
18	3.30	3.25	3.07	4.03	2.99	6.40	3.21	2.74	2.62	2.56	3.36	2.47
19	3.16	3.15	3.05	3.65	2.93	5.21	3.12	2.84	2.58	2.57	3.11	2.48
20	3.06	3.07	3.02	3.47	2.93	4.45	3.06	3.18	2.56	5.11	2.94	2.66
21	2.99	3.02	2.94	3.52	3.03	3.98	3.00	3.45	2.55	4.05	2.94	3.51
22	2.93	2.99	2.92	3.42	3.01	3.70	2.94	3.09	2.53	3.77	2.87	2.94
23	2.87	4.28	3.17	3.36	2.98	4.32	2.93	2.97	2.62	4.01	2.87	2.77
24	2.89	4.83	3.23	3.22	4.39	4.34	2.89	2.87	2.55	3.42	2.80	2.67
25	2.89	4.39	3.08	3.15	4.42	4.04	2.85	2.87	2.52	3.08	2.72	2.63
26	2.85	3.89	3.07	3.14	3.97	3.76	2.80	2.79	2.52	2.89	2.64	2.59
27	2.82	3.60	3.05	3.10	3.64	3.55	2.80	2.73	2.63	2.76	2.58	2.58
28	2.81	5.78	2.99	3.02	6.47	4.79	2.78	2.68	2.98	2.68	2.55	2.54
29	2.80	4.78	2.94	2.99	---	4.64	2.81	2.65	2.99	6.55	2.53	2.50
30	2.79	4.18	2.93	4.21	---	4.27	2.83	2.62	2.69	5.68	2.51	2.48
31	2.79	---	2.91	3.98	---	4.00	---	2.60	---	4.76	2.50	---
MEAN	3.31	3.65	3.36	3.51	3.58	4.39	3.61	2.97	3.06	3.37	3.47	2.56
MAX	5.01	6.29	5.26	6.87	6.47	7.54	6.20	4.13	6.53	6.55	6.52	3.51
MIN	2.79	2.77	2.91	2.81	2.93	3.26	2.78	2.60	2.52	2.52	2.50	2.43



02087322 CRABTREE CREEK AT OLD WAKE FOREST ROAD AT RALEIGH, NC

LOCATION.--Lat 35°48'57", long 78°37'34", Wake County, Hydrologic Unit 030200201, on right bank on upstream side of bridge at Old Wake Forest Road, 2.8 mi northeast of Raleigh.

DRAINAGE AREA.--119 mi^2.

PERIOD OF RECORD.--February 1988 to September 1989, discharge records, October 1989 to October 1991, discharge measurements and unpublished, fragmentary gage-height and discharge records, June 1997 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 186.51 ft above NGVD of 1929. Satellite and telephone telemetry at station.

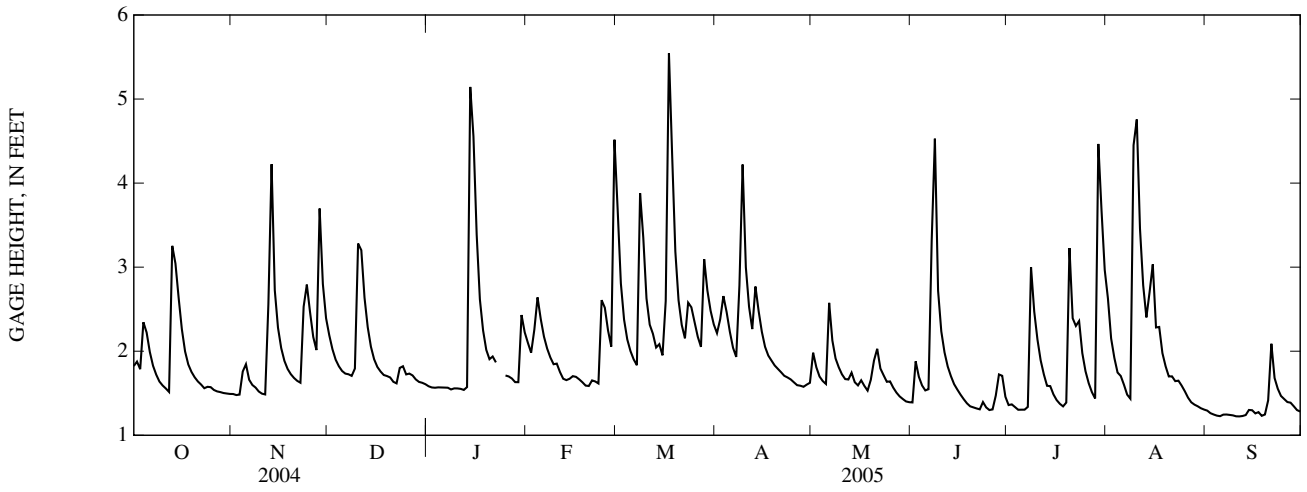
EXTREMES FOR PERIOD OF RECORD.-- Maximum gage height, 19.93 ft, Sept. 16, 1999; minimum gage height, 1.16 ft, Sep. 11, 12, 2004.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Sept. 1996 reached a stage of 21.6 ft, from floodmarks.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 9.98 ft, Aug. 9; minimum gage height, 1.16 ft, Sept. 11, 12.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.82	1.49	2.19	1.58	2.10	3.68	2.21	1.98	1.39	1.36	2.63	1.29
2	1.88	1.48	2.02	1.57	1.98	2.81	2.38	1.81	1.88	1.37	2.15	1.26
3	1.79	1.48	1.90	1.57	2.26	2.38	2.66	1.70	1.70	1.34	1.92	1.25
4	2.34	1.76	1.82	1.57	2.64	2.14	2.47	1.65	1.59	1.30	1.75	1.23
5	2.22	1.85	1.76	1.57	2.38	2.00	2.23	1.61	1.53	1.30	1.71	1.23
6	1.99	1.66	1.73	1.57	2.17	1.90	2.04	2.58	1.55	1.30	1.60	1.25
7	1.83	1.60	1.73	1.57	2.03	1.83	1.93	2.13	3.32	1.34	1.48	1.25
8	1.72	1.57	1.71	1.54	1.93	3.88	2.78	1.91	4.53	3.00	1.44	1.24
9	1.64	1.52	1.79	1.56	1.85	3.35	4.22	1.81	2.72	2.47	4.45	1.24
10	1.59	1.49	3.28	1.56	1.85	2.63	3.00	1.73	2.24	2.14	4.76	1.23
11	1.56	1.49	3.20	1.55	1.75	2.32	2.53	1.67	1.99	1.89	3.46	1.22
12	1.52	2.56	2.64	1.54	1.67	2.21	2.26	1.66	1.82	1.72	2.78	1.23
13	3.25	4.22	2.29	1.57	1.66	2.04	2.77	1.74	1.70	1.59	2.40	1.24
14	3.04	2.73	2.05	5.14	1.67	2.08	2.48	1.63	1.61	1.58	2.70	1.30
15	2.63	2.28	1.90	4.55	1.70	1.95	2.23	1.59	1.54	1.49	3.03	1.30
16	2.26	2.04	1.81	3.39	1.69	2.60	2.05	1.65	1.48	1.42	2.28	1.26
17	2.00	1.89	1.76	2.62	1.67	5.54	1.95	1.59	1.43	1.37	2.29	1.28
18	1.84	1.79	1.72	2.25	1.63	4.33	1.89	1.53	1.38	1.34	1.98	1.23
19	1.75	1.73	1.70	2.02	1.59	3.19	1.83	1.66	1.34	1.39	1.82	1.25
20	1.69	1.68	1.69	1.91	1.59	2.61	1.79	1.89	1.33	3.23	1.70	1.42
21	1.64	1.65	1.64	1.94	1.65	2.31	1.75	2.03	1.32	2.39	1.70	2.09
22	1.60	1.63	1.62	1.87	1.64	2.15	1.71	1.79	1.31	2.30	1.64	1.68
23	1.56	2.53	1.80	---	1.62	2.58	1.69	1.71	1.40	2.36	1.65	1.55
24	1.58	2.79	1.82	---	2.61	2.52	1.66	1.64	1.33	1.98	1.59	1.47
25	1.57	2.47	1.72	1.71	2.52	2.35	1.63	1.64	1.30	1.76	1.52	1.43
26	1.54	2.17	1.73	1.70	2.25	2.17	1.60	1.57	1.31	1.62	1.45	1.40
27	1.52	2.01	1.71	1.67	2.06	2.05	1.59	1.51	1.47	1.51	1.39	1.39
28	1.51	3.70	1.66	1.63	4.52	3.09	1.58	1.46	1.72	1.44	1.36	1.34
29	1.50	2.80	1.63	1.63	---	2.72	1.60	1.43	1.71	4.47	1.35	1.30
30	1.50	2.39	1.62	2.43	---	2.48	1.62	1.40	1.46	3.67	1.32	1.28
31	1.49	---	1.61	2.22	---	2.32	---	1.39	---	2.97	1.31	---
MEAN	1.85	2.08	1.91	---	2.02	2.65	2.14	1.71	1.75	1.95	2.08	1.34
MAX	3.25	4.22	3.28	---	4.52	5.54	4.22	2.58	4.53	4.47	4.76	2.09
MIN	1.49	1.48	1.61	---	1.59	1.83	1.58	1.39	1.30	1.30	1.31	1.22



02087324 CRABTREE CREEK AT US HIGHWAY 1 AT RALEIGH, NC

LOCATION.--Lat 35°48'40", long 78°36'39", Wake County, Hydrologic Unit 03020201, on downstream side of bridge on U.S. Highway 1, 2.7 mi northeast of Raleigh, and 7.2 mi upstream from mouth.

DRAINAGE AREA.--121 mi^2.

PERIOD OF RECORD.--July 1990 to current year.

GAGE.--Water-stage recorder. Datum of gage is 182.27 ft above NGVD of 1929. Prior to Aug. 8, 1999, at site 40 ft upstream at datum 183.27 ft above NGVD of 1929. Satellite and telephone telemetry at station.

REMARKS.--Records good. Maximum gage height for period of record from high-water mark in gage well. Minimum discharge for period of record also occurred Oct. 8, 9, 1994. Minimum discharge for current water year also occurred Sept. 12, 19.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of June 29, 1973, reached a stage of about 17.98 ft, discharge, about 13,500 ft^3/s.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	81	37	147	49	137	481	147	97	25	22	240	19
2	96	36	112	47	113	292	186	65	89	23	137	17
3	76	36	87	47	179	192	248	50	56	20	95	16
4	177	73	73	47	261	139	204	44	44	18	65	15
5	156	87	64	47	198	112	151	41	38	18	58	14
6	109	58	60	47	150	94	111	233	39	18	45	15
7	80	49	58	47	121	83	90	124	406	23	33	15
8	64	45	55	44	101	517	264	81	658	329	28	15
9	52	41	70	46	86	408	593	66	263	204	611	15
10	48	38	375	46	88	249	324	54	156	132	661	14
11	43	37	371	45	73	175	214	48	105	85	407	14
12	40	239	249	44	62	151	152	47	76	58	270	14
13	418	587	171	48	59	116	278	59	60	42	188	15
14	338	271	123	769	61	127	201	45	48	41	250	19
15	245	172	94	649	64	100	143	40	41	32	326	19
16	162	121	78	415	64	239	108	48	35	27	158	16
17	108	91	71	248	61	853	90	40	30	23	168	18
18	81	76	66	166	57	601	79	35	26	20	105	14
19	70	67	64	119	53	365	69	53	22	27	77	14
20	60	61	62	98	51	237	64	89	21	382	59	35
21	54	56	56	104	59	171	59	108	20	188	60	142
22	50	53	53	93	58	138	53	65	19	172	54	60
23	45	235	85	86	55	240	51	55	25	187	54	43
24	47	291	82	75	264	218	48	45	21	101	46	34
25	46	216	67	69	230	178	44	46	18	65	39	30
26	42	150	70	67	166	140	40	39	18	46	32	26
27	40	118	67	64	126	116	39	34	41	34	27	25
28	39	474	60	58	648	353	39	30	88	27	25	22
29	39	285	56	58	---	267	41	28	66	618	23	18
30	38	190	54	224	---	209	42	26	31	463	21	17
31	37	---	52	165	---	171	---	25	---	313	20	---
TOTAL	2,981	4,290	3,152	4,131	3,645	7,732	4,172	1,860	2,585	3,758	4,382	750
MEAN	96.2	143	102	133	130	249	139	60.0	86.2	121	141	25.0
MAX	418	587	375	769	648	853	593	233	658	618	661	142
MIN	37	36	52	44	51	83	39	25	18	18	20	14
CFSM	0.79	1.18	0.84	1.10	1.08	2.06	1.15	0.50	0.71	1.00	1.17	0.21
IN.	0.92	1.32	0.97	1.27	1.12	2.38	1.28	0.57	0.79	1.16	1.35	0.23

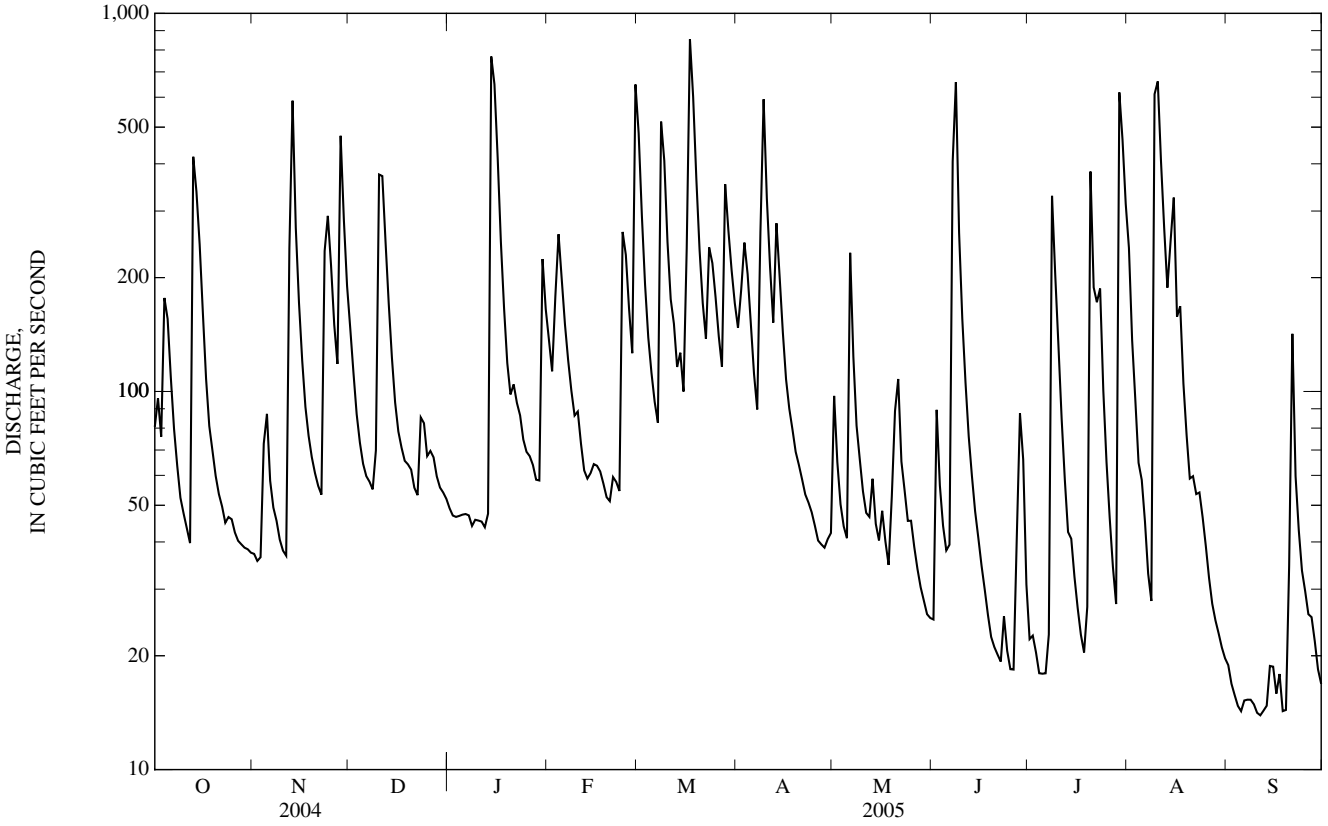
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2005, BY WATER YEAR (WY)

MEAN	133	105	118	218	199	240	153	76.6	108	97.7	117	203
MAX	427	255	335	495	483	494	382	128	257	198	400	1,162
(WY)	(2003)	(1993)	(2003)	(1998)	(1998)	(1998)	(2003)	(2003)	(1990)	(1997)	(2004)	(1999)
MIN	30.8	23.2	44.2	45.0	59.5	103	57.4	21.3	21.3	30.7	31.7	14.2
(WY)	(1992)	(1992)	(2002)	(2001)	(1991)	(2000)	(1995)	(2002)	(1999)	(1993)	(1993)	(1990)

02087324 CRABTREE CREEK AT US HIGHWAY 1 AT RALEIGH, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1990 - 2005	
ANNUAL TOTAL	52,669		43,438			
ANNUAL MEAN	144		119		148	
HIGHEST ANNUAL MEAN					261	2003
LOWEST ANNUAL MEAN					96.7	2002
HIGHEST DAILY MEAN	2,110	Aug 14	853	Mar 17	7,730	Sep 6, 1996
LOWEST DAILY MEAN	21	Jun 22	14	Sep 5	1.9	Oct 8, 1994
ANNUAL SEVEN-DAY MINIMUM	28	May 23	15	Sep 5	2.3	Oct 2, 1994
MAXIMUM PEAK FLOW			1,830	Jun 7	12,700	Sep 6, 1996
MAXIMUM PEAK STAGE			9.18	Jun 7	18.23*	Sep 6, 1996
INSTANTANEOUS LOW FLOW			11*	Sep 11	1.9*	Oct 7, 1994
ANNUAL RUNOFF (CFSM)	1.19		0.984		1.22	
ANNUAL RUNOFF (INCHES)	16.19		13.35		16.61	
10 PERCENT EXCEEDS	295		268		321	
50 PERCENT EXCEEDS	80		64		71	
90 PERCENT EXCEEDS	39		22		21	

* See REMARKS.



0208732534 PIGEON HOUSE CREEK AT CAMERON VILLAGE AT RALEIGH, NC

LOCATION.--Lat 35°47'15", long 78°39'17", Wake County, Hydrologic Unit 03020201, on right bank, downstream of Cameron Village in Wells Park, on the upstream side of Forest Drive.

DRAINAGE AREA.--0.27 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1996 to current year. Fragmentary records, July 1987 to September 1996, are available in the U.S.G.S. District Office, Raleigh, NC.

GAGE.--Water-stage recorder and concrete control. Datum of gage is 320 ft above NGVD of 1929 from topographic map. Satellite telemetry at station.

REMARKS.--Records poor. No flow occurred many days June to Oct. 2002.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e0.06	0.06	0.15	0.04	0.04	0.07	0.07	0.75	0.17	0.05	0.09	0.02
2	e0.06	0.07	0.05	0.04	0.07	0.05	0.69	0.05	1.1	0.06	0.05	0.02
3	e0.07	0.14	0.05	0.08	1.3	0.04	0.07	0.05	0.05	0.06	0.08	0.01
4	e0.06	1.1	0.05	0.04	0.05	0.04	0.06	0.05	0.04	0.05	0.05	0.02
5	e0.06	0.08	0.05	0.04	0.04	0.04	0.06	0.30	0.04	0.46	0.05	0.01
6	0.08	0.06	0.11	0.04	0.04	0.04	0.06	2.4	0.04	0.07	0.05	0.03
7	0.09	0.06	0.06	0.04	0.04	0.04	0.06	0.05	3.3	1.8	0.05	0.02
8	0.09	0.06	0.04	0.04	0.04	4.5	1.9	0.05	0.12	0.28	0.04	0.02
9	0.10	0.06	0.48	0.04	0.04	0.07	0.40	0.05	0.06	0.04	3.8	0.02
10	0.10	0.06	1.2	0.03	0.05	0.05	0.06	0.05	0.06	0.04	0.04	0.02
11	0.10	0.06	0.04	0.04	0.04	0.09	0.06	0.05	0.05	0.08	0.03	0.02
12	0.10	4.6	0.04	0.04	0.04	0.05	0.54	0.25	0.05	0.04	0.02	0.02
13	9.1	0.24	0.04	0.15	0.04	0.46	1.8	0.05	0.06	0.04	0.02	0.02
14	0.25	0.07	0.04	4.8	0.11	0.26	0.08	0.05	0.06	0.04	0.02	0.11
15	0.51	0.07	0.04	0.05	0.05	0.04	0.06	0.10	0.05	0.04	0.02	0.02
16	0.08	0.07	0.04	0.04	0.12	2.7	0.06	0.25	0.05	0.04	0.03	0.02
17	0.07	0.09	0.04	0.04	0.04	2.1	0.06	0.05	0.05	0.04	0.42	0.02
18	0.07	0.09	0.04	0.04	0.04	0.10	0.06	0.04	0.04	0.27	0.02	0.02
19	0.37	0.07	0.06	0.04	0.04	0.06	0.06	0.76	0.05	0.04	0.02	0.07
20	0.08	0.07	0.04	0.05	0.14	0.08	0.06	0.93	0.05	0.37	0.02	1.7
21	0.08	0.06	0.04	0.15	0.12	0.05	0.05	0.07	0.09	0.04	0.02	0.08
22	0.07	0.06	0.04	0.22	0.04	0.49	0.05	0.04	0.04	1.7	0.02	0.02
23	0.07	2.8	0.88	0.04	0.06	1.3	0.09	0.04	0.05	0.12	0.15	0.02
24	0.22	0.10	0.04	0.04	2.8	0.05	0.05	0.04	0.04	0.05	0.02	0.02
25	0.07	0.11	0.04	0.04	0.05	0.05	0.05	0.04	0.04	0.05	0.02	0.02
26	0.07	0.06	0.20	0.04	0.05	0.05	0.06	0.04	0.06	0.05	0.02	0.03
27	0.07	1.3	0.15	0.03	0.13	0.05	0.06	0.03	0.60	0.04	0.02	0.04
28	0.07	1.3	0.06	0.03	3.1	3.3	0.05	0.24	1.6	0.13	0.02	0.02
29	0.07	0.06	0.06	0.07	---	0.11	0.10	0.06	0.24	0.90	0.02	0.02
30	0.07	0.05	0.05	2.0	---	0.06	0.09	0.03	0.05	0.16	0.03	0.01
31	0.12	---	0.04	0.04	---	0.23	---	0.03	---	1.2	0.02	---
TOTAL	12.48	13.08	4.26	8.42	8.72	16.62	6.92	6.99	8.30	8.35	5.28	2.49
MEAN	0.40	0.44	0.14	0.27	0.31	0.54	0.23	0.23	0.28	0.27	0.17	0.08
MAX	9.1	4.6	1.2	4.8	3.1	4.5	1.9	2.4	3.3	1.8	3.8	1.7
MIN	0.06	0.05	0.04	0.03	0.04	0.04	0.05	0.03	0.04	0.04	0.02	0.01
CFSM	1.49	1.61	0.51	1.01	1.15	1.99	0.85	0.84	1.02	1.00	0.63	0.31
IN.	1.72	1.80	0.59	1.16	1.20	2.29	0.95	0.96	1.14	1.15	0.73	0.34

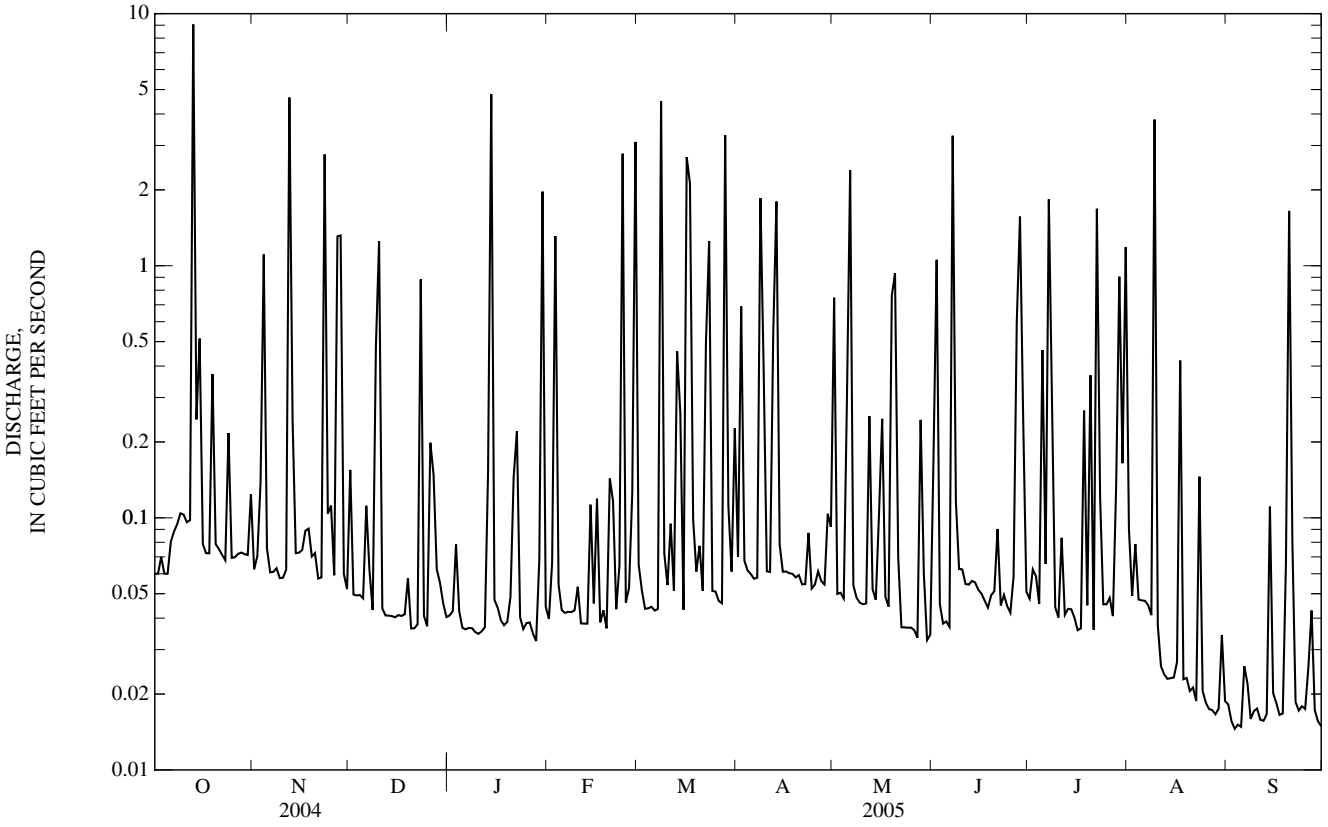
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2005, BY WATER YEAR (WY)

MEAN	0.34	0.30	0.34	0.51	0.43	0.56	0.33	0.26	0.38	0.50	0.50	0.56
MAX	0.81	0.46	0.74	1.32	1.02	1.31	0.63	0.60	0.74	0.91	0.85	2.78
(WY)	(2003)	(1998)	(2003)	(1998)	(1998)	(1998)	(1997)	(1997)	(2001)	(2003)	(2003)	(1999)
MIN	0.03	0.04	0.12	0.05	0.11	0.17	0.05	0.05	0.18	0.21	0.17	0.08
(WY)	(2001)	(2002)	(2001)	(2001)	(2002)	(2004)	(2002)	(2002)	(1999)	(1999)	(2001)	(2002)

0208732534 PIGEON HOUSE CREEK AT CAMERON VILLAGE AT RALEIGH, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1997 - 2005	
ANNUAL TOTAL	99.77		101.91			
ANNUAL MEAN	0.27		0.28		0.42	
HIGHEST ANNUAL MEAN					0.69	1998
LOWEST ANNUAL MEAN					0.20	2002
HIGHEST DAILY MEAN	9.1	Oct 13	9.1	Oct 13	17	Jul 29, 2003
LOWEST DAILY MEAN	0.02	Jan 21	0.01	Sep 3	0.00	Jun 24, 2002
ANNUAL SEVEN-DAY MINIMUM	0.03	Jan 19	0.02	Aug 30	0.00	Aug 5, 2002
MAXIMUM PEAK FLOW			274	Oct 13	622	Aug 21, 1999
MAXIMUM PEAK STAGE			5.54	Oct 13	8.23	Aug 21, 1999
INSTANTANEOUS LOW FLOW			0.01*	Aug 22	0.00*	Jun 24, 2002
ANNUAL RUNOFF (CFSM)	1.01		1.03		1.54	
ANNUAL RUNOFF (INCHES)	13.75		14.04		20.99	
10 PERCENT EXCEEDS	0.60		0.52		0.93	
50 PERCENT EXCEEDS	0.08		0.05		0.10	
90 PERCENT EXCEEDS	0.04		0.02		0.02	

* See REMARKS.
e Estimated.



0208732534 PIGEON HOUSE CREEK AT CAMERON VILLAGE AT RALEIGH, NC—Continued

PRECIPITATION RECORDS

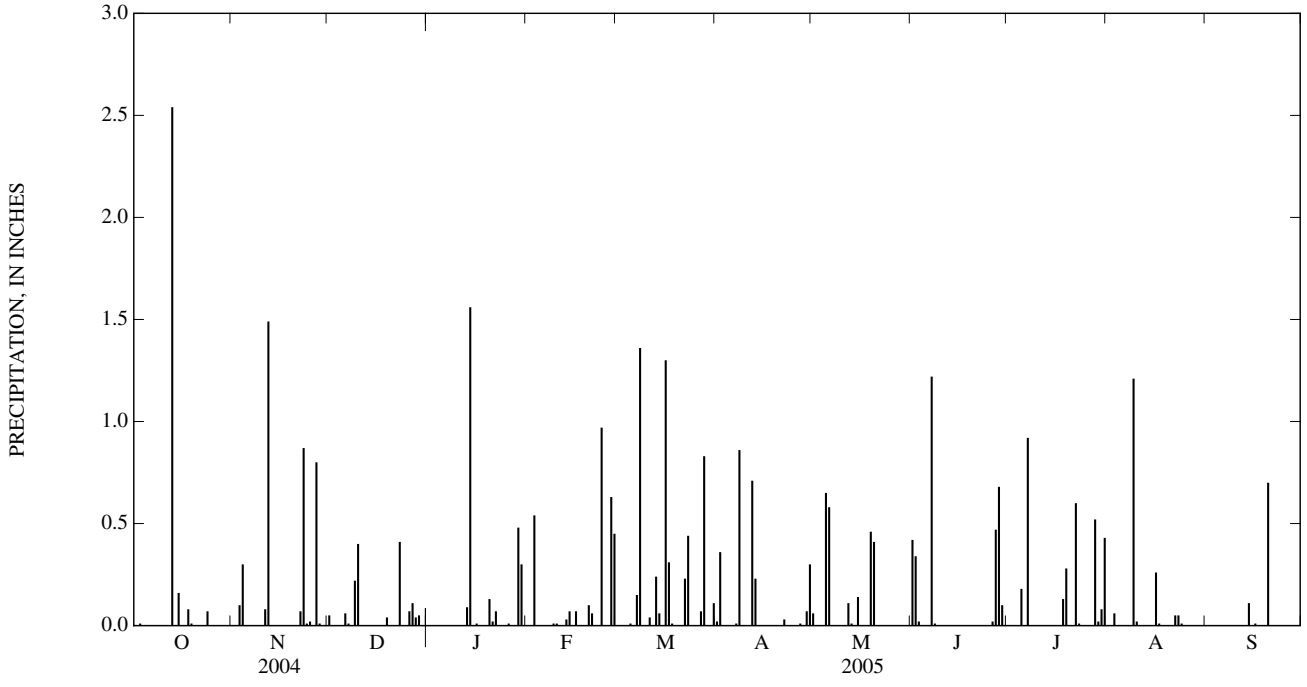
PERIOD OF RECORD.--July 1987 to current year. Records from July 1987 to January 2000 are unpublished and available in the USGS Water Science Center in Raleigh, NC.

GAGE.--Tipping-bucket raingage. Satellite telemetry at station.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.05	0.00	0.00	0.00	0.02	0.06	0.42	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.34	0.00	0.00	0.00
3	0.01	0.10	0.00	0.00	0.54	0.00	0.00	0.00	0.02	0.00	0.06	0.00
4	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.65	0.00	0.18	0.00	0.00
6	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.58	0.00	0.00	0.00	0.00
7	0.00	0.00	0.01	0.00	0.00	0.15	0.01	0.00	1.22	0.92	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	1.36	0.86	0.00	0.01	0.00	0.00	0.00
9	0.00	0.00	0.22	0.00	0.01	0.00	0.00	0.00	0.00	0.00	1.21	0.00
10	0.00	0.00	0.40	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.00
11	0.00	0.08	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	1.49	0.00	0.00	0.00	0.00	0.71	0.11	0.00	0.00	0.00	0.00
13	2.54	0.00	0.00	0.09	0.03	0.24	0.23	0.01	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	1.56	0.07	0.06	0.00	0.00	0.00	0.00	0.00	0.11
15	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.01	0.07	1.30	0.00	0.00	0.00	0.00	0.26	0.01
17	0.00	0.00	0.00	0.00	0.00	0.31	0.00	0.00	0.00	0.00	0.01	0.00
18	0.08	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.13	0.00	0.00
19	0.01	0.00	0.04	0.00	0.00	0.00	0.00	0.46	0.00	0.28	0.00	0.00
20	0.00	0.00	0.00	0.13	0.10	0.00	0.00	0.41	0.00	0.00	0.00	0.70
21	0.00	0.00	0.00	0.02	0.06	0.00	0.00	0.00	0.00	0.00	0.00	---
22	0.00	0.07	0.00	0.07	0.00	0.23	0.03	0.00	0.00	0.60	0.05	---
23	0.00	0.87	0.41	0.00	0.00	0.44	0.00	0.00	0.00	0.01	0.05	---
24	0.07	0.01	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00	0.01	---
25	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---
26	0.00	0.00	0.07	0.01	0.00	0.00	0.00	0.00	0.02	0.00	0.00	---
27	0.00	0.80	0.11	0.00	0.63	0.07	0.01	0.00	0.47	0.00	0.00	---
28	0.00	0.01	0.04	0.00	0.45	0.83	0.00	0.00	0.68	0.52	0.00	---
29	0.00	0.00	0.05	0.48	---	0.00	0.07	0.00	0.10	0.02	0.00	---
30	0.00	0.00	0.00	0.30	---	0.00	0.30	0.00	0.00	0.08	0.00	---
31	0.00	---	0.00	0.00	---	0.11	---	0.00	---	0.43	0.00	---
TOTAL	2.87	3.75	1.46	2.67	2.94	5.16	2.60	2.42	3.28	3.17	1.67	---



0208732885 MARSH CREEK NEAR NEW HOPE, NC

LOCATION.--Lat 35°49'01", long 78°35'35", Wake County, Hydrologic Unit 03020201, at right upstream wingwall, on bridge at Stoneybrook Road, 0.2 mi downstream of U.S. Highway 401, and 2.9 mi southwest of New Hope.

DRAINAGE AREA.--6.84 mi^2

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--January 1984 to current year.

REVISED RECORDS.--WDR NC-95-1: 1995(M).

GAGE.--Water-stage recorder. Datum of gage is 196.63 ft above NGVD of 1929. Satellite and telephone telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Maximum discharge for period of record from rating curve extension above 1,300 ft^3/s, on basis of indirect measurement of peak flow. No flow also occurred Aug. 5, 1999. Minimum discharge for current water year also occurred Sept. 29, 30.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.8	1.4	4.5	1.8	3.8	9.2	5.0	13	1.2	2.0	4.1	0.04
2	e1.7	1.5	2.3	1.7	3.0	4.6	15	4.8	15	1.5	1.8	e0.02
3	e1.7	1.7	2.1	2.1	21	3.4	6.4	2.8	4.3	1.2	1.3	e0.02
4	e5.4	8.4	2.0	1.8	8.0	2.9	3.7	2.4	2.7	0.89	1.1	e0.01
5	e2.0	4.2	1.9	1.7	4.2	2.6	4.8	3.2	1.8	1.6	5.4	e0.01
6	1.1	1.8	2.0	1.6	3.3	2.4	3.5	62	15	0.91	1.5	e0.02
7	1.1	1.5	2.3	1.5	3.0	2.4	3.2	7.8	154	6.3	0.90	e0.02
8	1.2	1.4	2.2	1.5	2.7	85	25	3.7	26	39	0.60	e0.01
9	1.0	1.3	7.9	1.4	2.5	9.2	21	2.7	4.9	3.2	52	e0.01
10	1.1	1.6	25	1.3	4.6	4.6	5.1	2.2	4.4	1.6	17	e0.01
11	1.1	1.6	5.1	1.4	2.7	4.2	3.9	1.9	3.7	1.2	7.2	e0.01
12	1.1	68	3.1	1.4	2.5	3.8	4.7	2.0	2.7	0.92	2.5	e0.02
13	103	28	2.4	1.8	2.2	3.1	29	1.9	2.1	0.77	1.6	e0.04
14	19	4.0	2.0	e150	3.1	6.5	7.1	1.8	1.8	0.79	1.8	e0.50
15	7.8	2.7	1.8	e110	2.9	2.9	4.2	1.9	1.5	0.94	0.78	0.85
16	3.1	2.2	1.8	e54	2.5	43	3.3	4.8	1.2	0.51	0.80	0.25
17	1.8	1.8	1.8	e20	2.2	63	3.0	2.4	1.2	0.48	15	0.67
18	1.5	2.1	1.8	e3.8	2.1	9.6	2.9	2.7	1.1	0.37	2.8	0.35
19	2.6	2.3	2.1	2.6	2.1	5.0	2.9	15	1.3	14	1.7	0.59
20	1.6	2.2	2.0	2.8	2.6	3.8	2.7	24	1.2	63	0.93	5.2
21	1.7	2.7	2.0	6.3	3.4	2.9	2.5	9.5	0.97	3.9	0.59	7.8
22	1.3	2.9	2.2	4.7	3.4	5.7	2.6	5.0	2.5	14	0.33	1.3
23	1.2	46	15	3.5	2.2	35	2.7	3.0	2.9	8.7	1.4	0.78
24	2.0	13	5.3	2.4	45	7.0	2.2	3.0	1.2	2.2	0.45	0.38
25	1.5	4.7	2.9	2.5	7.4	3.8	2.1	3.0	0.95	1.5	0.31	0.12
26	1.2	3.1	4.7	2.4	4.2	3.2	2.0	2.2	1.2	0.96	0.24	0.02
27	1.2	7.3	4.4	2.0	3.3	2.8	2.1	1.7	3.8	0.55	0.17	0.22
28	1.5	46	3.0	1.9	67	71	1.9	1.3	19	0.39	0.29	0.00
29	1.4	5.2	2.6	2.3	---	11	2.6	1.2	11	12	0.12	0.00
30	1.6	4.6	2.6	38	---	5.4	2.4	1.0	3.2	5.5	0.08	0.00
31	1.5	---	2.1	6.0	---	5.9	---	1.0	---	10	0.06	---
MEAN	5.70	9.17	3.96	14.1	7.75	13.7	5.98	6.29	9.79	6.48	4.03	0.64
MAX	103	68	25	150	67	85	29	62	154	63	52	7.8
MIN	1.0	1.3	1.8	1.3	2.1	2.4	1.9	1.0	0.95	0.37	0.06	0.00
IN.	0.96	1.50	0.67	2.37	1.18	2.31	0.98	1.06	1.60	1.09	0.68	0.10

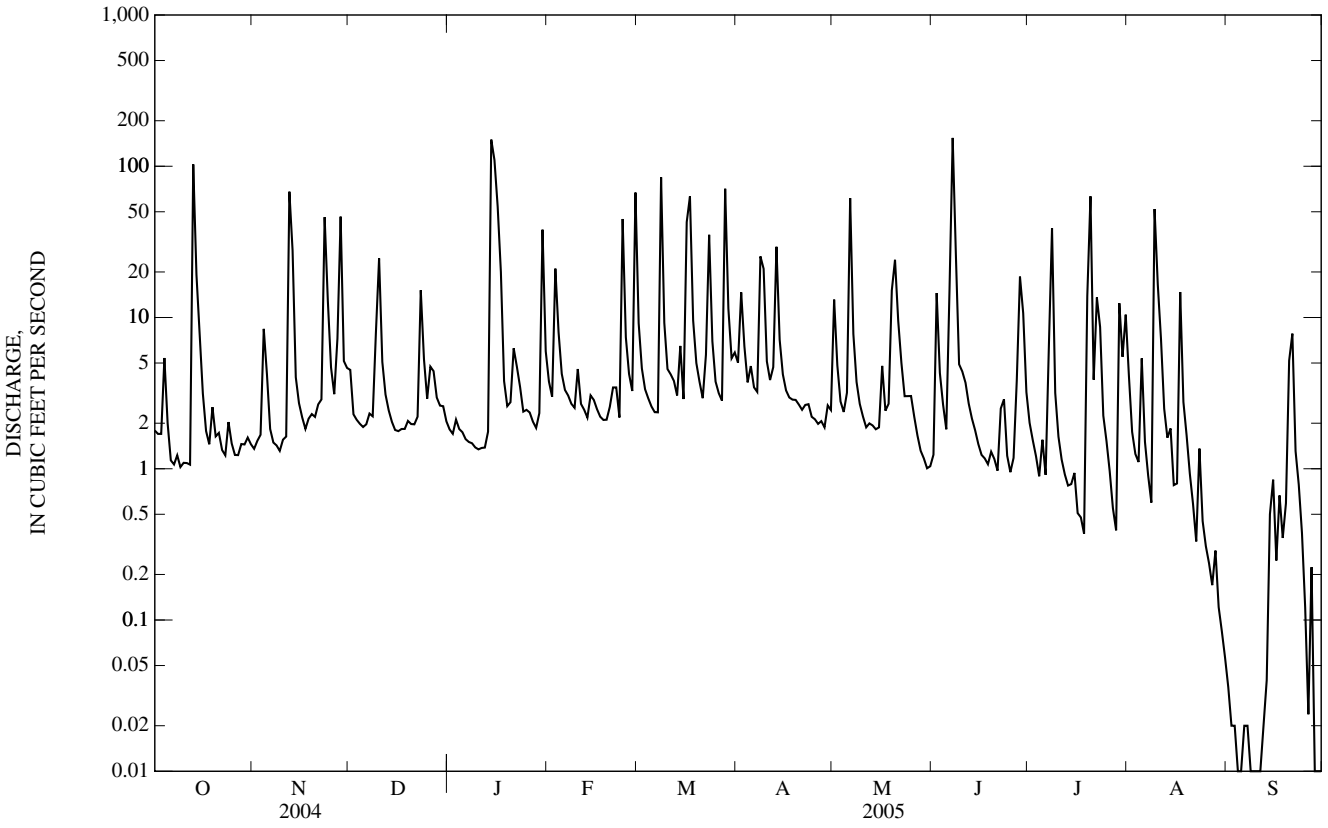
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 2005, BY WATER YEAR (WY)

MEAN	7.87	7.65	7.16	12.0	11.3	13.6	9.62	7.97	8.48	8.95	10.8	11.0
MAX	28.2	15.7	16.2	30.3	22.0	31.9	21.5	25.9	20.3	25.0	38.0	67.4
(WY)	(2003)	(1996)	(2003)	(1998)	(1998)	(1998)	(2003)	(1984)	(1989)	(1997)	(1986)	(1999)
MIN	1.39	1.72	2.02	3.62	2.77	3.71	2.08	2.05	1.29	2.44	2.07	0.64
(WY)	(2001)	(1992)	(1995)	(2001)	(1991)	(1985)	(1986)	(2002)	(1993)	(1987)	(1993)	(2005)

0208732885 MARSH CREEK NEAR NEW HOPE, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1984 - 2005	
ANNUAL MEAN	8.49		7.30		9.60	
HIGHEST ANNUAL MEAN					16.3	2003
LOWEST ANNUAL MEAN					5.18	1985
HIGHEST DAILY MEAN	177	Aug 30	154	Jun 7	890	Sep 6, 1996
LOWEST DAILY MEAN	1.0	Oct 9	0.00	Sep 28	0.00	Aug 3, 1999
ANNUAL SEVEN-DAY MINIMUM	1.1	Oct 6	0.01	Sep 4	0.01	Sep 4, 2005
MAXIMUM PEAK FLOW			951	Jun 7	3,900*	Sep 6, 1996
MAXIMUM PEAK STAGE			9.33	Jun 7	13.33	Sep 6, 1996
INSTANTANEOUS LOW FLOW			0.00*	Sep 28	0.00*	Aug 3, 1999
ANNUAL RUNOFF (INCHES)	16.90		14.50		19.06	
10 PERCENT EXCEEDS	18		15		19	
50 PERCENT EXCEEDS	3.6		2.4		3.3	
90 PERCENT EXCEEDS	1.5		0.53		1.2	

* See REMARKS.
e Estimated.



0208732885 MARSH CREEK NEAR NEW HOPE, NC—Continued

PRECIPITATION RECORDS

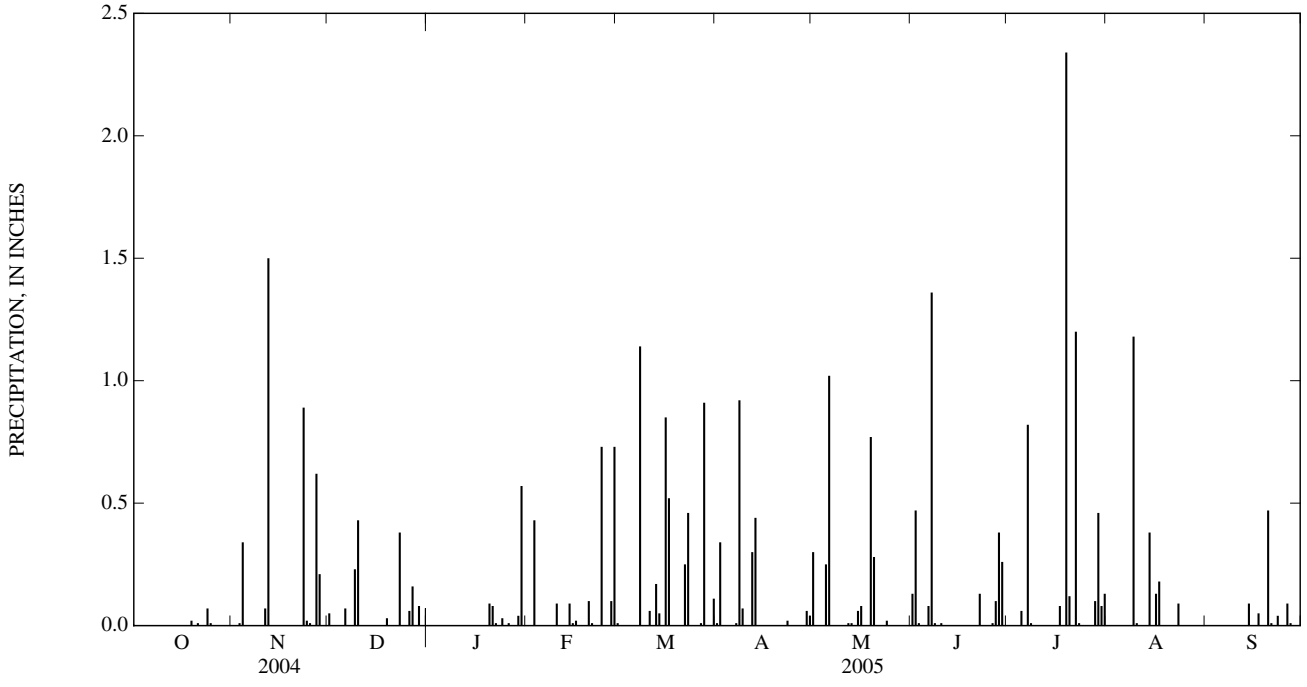
PERIOD OF RECORD.--September 1985 to current year. Records from September 1985 to September 1999 are unpublished and available in the USGS District Office in Raleigh, NC.

GAGE.--Tipping-bucket raingage. Satellite telemetry at station.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.05	0.00	0.00	0.01	0.01	0.30	0.13	0.00	0.00	0.00
2	---	0.00	0.00	0.00	0.00	0.00	0.34	0.00	0.47	0.00	0.00	0.00
3	---	0.01	0.00	0.00	0.43	0.00	0.00	0.00	0.01	0.00	0.00	0.00
4	---	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	---	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.06	0.00	0.00
6	---	0.00	0.07	0.00	0.00	0.00	0.00	1.02	0.08	0.00	0.00	0.00
7	---	0.00	0.00	0.00	0.00	0.00	0.01	0.00	1.36	0.82	0.00	0.00
8	---	0.00	0.00	0.00	0.00	1.14	0.92	0.00	0.01	0.01	0.00	0.00
9	---	0.00	0.23	0.00	0.00	0.00	0.07	0.00	0.00	0.00	1.18	0.00
10	---	0.00	0.43	0.00	0.09	0.00	0.00	0.00	0.01	0.00	0.01	0.00
11	---	0.07	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
12	---	1.50	0.00	0.00	0.00	0.00	0.30	0.01	0.00	0.00	0.00	0.00
13	---	0.00	0.00	---	0.00	0.17	0.44	0.01	0.00	0.00	0.00	0.00
14	---	0.00	0.00	---	0.09	0.05	0.00	0.00	0.00	0.00	0.38	0.09
15	---	0.00	0.00	---	0.01	0.00	0.00	0.06	0.00	0.00	0.00	0.00
16	---	0.00	0.00	---	0.02	0.85	0.00	0.08	0.00	0.00	0.13	0.00
17	---	0.00	0.00	---	0.00	0.52	0.00	0.00	0.00	0.08	0.18	0.05
18	---	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.02	0.00	0.03	0.00	0.00	0.00	0.00	0.77	0.00	2.34	0.00	0.00
20	0.00	0.00	0.00	0.09	0.10	0.00	0.00	0.28	0.00	0.12	0.00	0.47
21	0.01	0.00	0.00	0.08	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01
22	0.00	0.00	0.00	0.01	0.00	0.25	0.00	0.00	0.13	1.20	0.00	0.00
23	0.00	0.89	0.38	0.00	0.00	0.46	0.02	0.00	0.00	0.01	0.09	0.04
24	0.07	0.02	0.00	0.03	0.73	0.00	0.00	0.02	0.00	0.00	0.00	0.00
25	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.06	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.09
27	0.00	0.62	0.16	0.00	0.10	0.01	0.00	0.00	0.10	0.00	0.00	0.01
28	0.00	0.21	0.00	0.00	0.73	0.91	0.00	0.00	0.38	0.10	0.00	0.00
29	0.00	0.00	0.08	0.04	---	0.00	0.06	0.00	0.26	0.46	0.00	0.00
30	0.00	0.00	0.00	0.57	---	0.00	0.04	0.00	0.00	0.08	0.00	0.00
31	0.00	---	0.00	0.00	---	0.11	---	0.00	---	0.13	0.00	---
TOTAL	---	3.67	1.49	---	2.31	4.54	2.21	2.80	2.95	5.41	1.97	0.76



0208735012 ROCKY BRANCH BELOW PULLEN DRIVE AT RALEIGH, NC

LOCATION.--Lat 35°46'48", long 78°39'59", Wake County, Hydrologic Unit 03020201, on right bank, 0.1 mi below Pullen Drive at Pullen Park and 1.5 mi north of Raleigh.

DRAINAGE AREA.--1.17 mi^2.

PERIOD OF RECORD.--October 1996 to current year. Fragmentary records, June 1992 to September 1996, are unpublished and available in the files of the USGS Water Science Center, Raleigh, NC.

GAGE.--Water-stage recorder. Elevation of gage is 315 ft above NGVD of 1929, from topographic map. Satellite telemetry at station.

REMARKS.--Records poor. No flow also occurred May 6, July 3, 1999, due to diversion by City of Raleigh, and many days during the current water year due to stream restoration and bridge construction upstream of gage.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.58	0.22	0.41	0.26	0.65	1.1	0.75	2.6	0.67	0.48	0.64	0.43
2	0.58	0.21	0.29	0.26	0.59	0.72	2.8	0.74	3.7	0.49	0.44	0.38
3	0.54	0.29	0.29	0.27	4.8	0.58	0.70	0.75	0.81	0.50	0.40	0.15
4	0.55	1.1	0.29	0.28	0.91	0.66	0.64	0.77	0.64	0.51	0.54	0.12
5	0.48	0.30	0.29	0.26	0.66	0.73	0.59	1.2	0.61	2.2	0.57	0.25
6	0.45	0.23	0.35	0.26	0.62	0.59	0.59	6.7	0.61	0.45	0.58	0.31
7	0.45	0.23	0.33	0.25	0.61	0.62	0.61	0.79	18	8.2	0.59	0.29
8	0.67	0.21	0.31	0.26	0.46	18	6.9	0.69	1.5	3.6	0.58	0.19
9	0.52	0.22	0.93	0.25	0.34	1.0	2.1	0.60	e1.4	0.45	19	0.27
10	0.37	0.23	3.1	0.26	0.39	0.84	0.70	0.54	e1.3	0.42	0.73	0.24
11	0.35	0.24	0.33	0.26	0.38	0.93	0.54	e0.55	e1.00	0.45	0.55	0.26
12	0.36	16	0.31	0.24	0.37	0.80	1.8	e0.55	e0.81	0.43	0.44	0.29
13	29	0.69	0.30	0.43	0.38	2.0	7.8	e0.55	e0.60	0.42	0.37	0.35
14	0.90	0.30	0.29	26	0.58	1.9	0.95	0.55	e0.52	0.41	0.39	0.61
15	0.71	0.29	0.27	0.93	0.43	0.76	0.87	0.70	e0.41	0.17	0.45	0.29
16	0.28	0.27	0.28	0.77	0.64	11	0.81	1.0	e0.37	0.00	0.42	0.28
17	0.26	0.26	0.29	0.70	0.44	10	0.80	0.52	e0.37	0.00	1.5	0.25
18	0.28	0.26	0.28	0.62	0.39	1.2	0.77	0.54	e0.45	3.9	0.39	0.13
19	0.33	0.26	0.31	0.62	0.38	0.90	0.76	1.7	0.75	0.51	0.37	0.01
20	0.28	0.25	0.25	0.67	0.64	0.81	0.72	3.7	0.82	2.0	0.34	11
21	0.28	0.26	0.27	0.99	0.63	0.77	0.69	1.1	e0.42	0.40	0.33	0.70
22	0.25	0.29	0.27	1.1	0.39	2.2	0.72	0.59	0.41	7.6	0.29	0.11
23	0.27	4.2	1.3	0.66	0.40	5.9	0.77	0.59	0.31	0.83	0.86	0.12
24	0.32	0.44	0.30	0.61	9.5	0.90	0.98	0.58	0.35	0.41	0.27	0.12
25	0.23	0.34	0.26	0.61	0.71	0.83	1.1	0.59	0.37	0.39	0.32	0.13
26	0.22	0.30	0.45	0.65	0.56	0.80	1.0	0.59	0.44	0.35	0.27	0.15
27	0.23	4.0	0.42	0.64	0.80	0.81	0.94	0.58	0.71	0.40	0.26	0.24
28	0.24	4.7	0.33	0.61	14	13	0.66	0.60	5.0	1.5	0.17	0.11
29	0.24	0.34	0.35	0.75	---	1.0	0.76	0.59	1.7	4.9	0.52	0.11
30	0.24	0.31	0.32	7.1	---	0.69	0.75	0.64	0.54	0.70	0.47	0.40
31	0.23	---	0.28	0.76	---	1.1	---	0.57	---	5.3	0.44	---
TOTAL	40.69	37.24	14.05	48.33	41.65	83.14	40.57	32.76	45.59	48.37	33.49	18.29
MEAN	1.31	1.24	0.45	1.56	1.49	2.68	1.35	1.06	1.52	1.56	1.08	0.61
MAX	29	16	3.1	26	14	18	7.8	6.7	18	8.2	19	11
MIN	0.22	0.21	0.25	0.24	0.34	0.58	0.54	0.52	0.31	0.00	0.17	0.01
CFSM	1.12	1.06	0.39	1.33	1.27	2.29	1.16	0.90	1.30	1.33	0.92	0.52
IN.	1.29	1.18	0.45	1.54	1.32	2.64	1.29	1.04	1.45	1.54	1.06	0.58

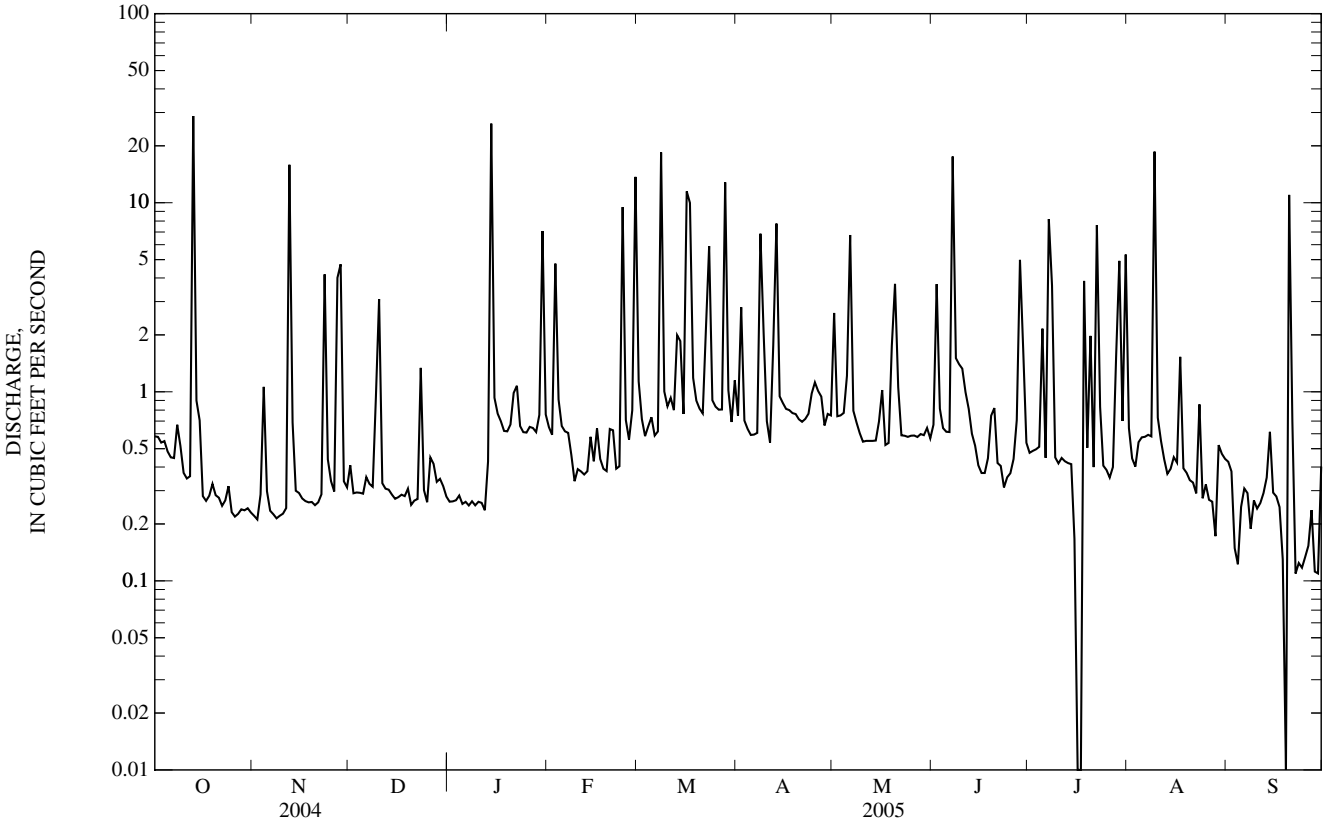
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2005, BY WATER YEAR (WY)

MEAN	1.99	1.41	1.56	2.58	2.31	2.85	1.75	1.13	2.05	2.76	3.20	3.77
MAX	4.95	2.70	3.29	6.08	5.45	6.58	2.85	1.71	5.96	5.89	8.11	17.8
(WY)	(2003)	(2003)	(2003)	(1998)	(1998)	(1998)	(2003)	(1997)	(2001)	(2003)	(2003)	(1999)
MIN	0.64	0.49	0.45	0.77	1.17	1.49	0.66	0.49	0.71	1.16	0.71	0.61
(WY)	(2001)	(2002)	(2005)	(2001)	(1999)	(2004)	(2002)	(2000)	(1999)	(1999)	(1997)	(2005)

0208735012 ROCKY BRANCH BELOW PULLEN DRIVE AT RALEIGH, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1997 - 2005	
ANNUAL TOTAL	652.22		484.17			
ANNUAL MEAN	1.78		1.33		2.28	
HIGHEST ANNUAL MEAN					3.66	2003
LOWEST ANNUAL MEAN					1.33	2005
HIGHEST DAILY MEAN	34	Aug 30	29	Oct 13	119	Jul 24, 1997
LOWEST DAILY MEAN	0.19	May 15	0.00	Jul 16	0.00	Oct 6, 1998
ANNUAL SEVEN-DAY MINIMUM	0.23	Oct 27	0.14	Sep 22	0.01	Apr 30, 2000
MAXIMUM PEAK FLOW			602	Jan 14	2,590	Jul 24, 1997
MAXIMUM PEAK STAGE			6.60	Jan 14	9.23	Jul 24, 1997
INSTANTANEOUS LOW FLOW			0.00*	Jul 15	0.00*	Oct 6, 1998
ANNUAL RUNOFF (CFSM)	1.52		1.13		1.95	
ANNUAL RUNOFF (INCHES)	20.74		15.39		26.47	
10 PERCENT EXCEEDS	4.1		2.0		4.3	
50 PERCENT EXCEEDS	0.65		0.54		0.64	
90 PERCENT EXCEEDS	0.28		0.25		0.24	

* See REMARKS.
e Estimated.



02087359 WALNUT CREEK AT SUNNYBROOK DRIVE AT RALEIGH, NC

LOCATION.--Lat 35°45'30", long 78°34'59", Wake County, Hydrologic Unit 03020201, at bridge on Secondary Road 2544, 0.9 mi upstream from Big Branch, and 3.5 mi southeast of Raleigh.

DRAINAGE AREA.--29.0 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1996 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 190.8 ft above NGVD of 1929. Satellite and telephone telemetry at station.

REMARKS.--Records poor. Maximum discharge for period of record from computation of peak flow through culvert; maximum gage height, 17.03 ft, from high-water mark in gage shelter.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16	9.8	21	12	27	101	32	55	10	3.6	27	e4.8
2	14	9.0	16	11	20	46	71	29	71	2.8	11	e3.0
3	12	11	13	11	67	30	70	19	44	2.9	8.0	2.8
4	15	24	11	11	59	25	33	15	26	2.5	e6.1	2.4
5	13	26	10	11	32	22	24	16	18	5.0	3.5	2.0
6	9.6	16	11	11	23	21	20	141	14	11	2.9	1.9
7	8.3	12	19	11	19	20	22	55	42	6.2	2.9	1.9
8	7.3	9.8	12	10	18	190	45	26	215	105	3.5	1.8
9	7.4	8.3	24	9.5	16	90	110	17	63	23	97	e1.5
10	e6.9	7.3	116	9.3	17	35	44	14	33	11	103	e1.5
11	e6.3	7.2	47	10	15	23	27	13	21	5.6	65	e1.5
12	e6.0	51	25	8.8	14	19	21	41	14	4.0	31	e1.6
13	107	223	17	10	13	15	174	175	12	3.1	14	e1.7
14	162	48	13	412	15	57	70	52	11	3.6	7.8	e1.8
15	44	24	11	172	19	26	34	29	9.0	3.8	5.9	e1.8
16	27	17	9.6	47	17	106	23	28	7.9	2.9	7.0	e1.6
17	18	13	9.6	30	21	319	19	17	8.6	6.2	18	e1.7
18	14	12	9.5	22	16	115	17	13	6.2	23	8.3	e1.6
19	14	10	9.7	19	14	57	16	24	5.2	25	5.0	1.8
20	14	9.6	11	18	13	39	15	62	4.7	28	3.9	10
21	13	8.0	9.1	24	21	30	14	70	4.0	13	3.5	63
22	12	7.0	9.3	19	18	25	13	29	4.3	10	4.5	14
23	11	85	37	22	15	131	14	18	3.8	59	12	3.8
24	12	64	27	16	128	59	15	13	4.1	27	1.7	1.8
25	12	28	16	15	69	34	14	10	5.6	16	2.3	1.5
26	12	16	16	15	42	26	14	9.4	5.5	11	2.5	1.5
27	11	12	22	14	28	23	14	9.1	11	4.9	2.0	1.7
28	11	166	18	12	220	167	13	9.6	27	2.8	2.3	1.5
29	10	44	16	12	---	81	14	9.2	21	67	3.8	1.5
30	10	24	17	111	---	40	17	8.7	8.2	50	5.2	1.5
31	10	---	14	45	---	34	---	9.3	---	31	5.8	---
TOTAL	645.8	1,002.0	616.8	1,160.6	996	2,006	1,029	1,036.3	730.1	569.9	476.4	140.5
MEAN	20.8	33.4	19.9	37.4	35.6	64.7	34.3	33.4	24.3	18.4	15.4	4.68
MAX	162	223	116	412	220	319	174	175	215	105	103	63
MIN	6.0	7.0	9.1	8.8	13	15	13	8.7	3.8	2.5	1.7	1.5

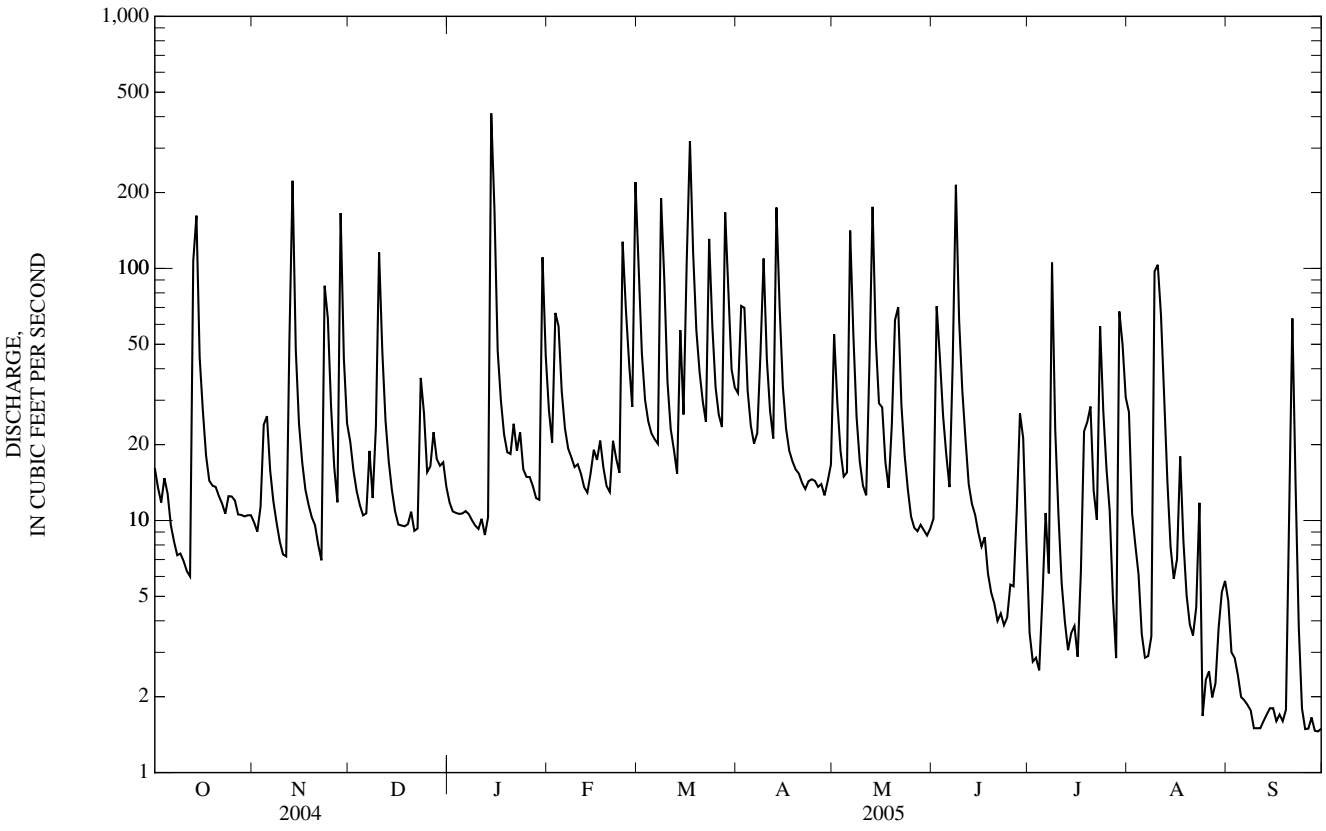
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2005, BY WATER YEAR (WY)

MEAN	30.9	23.5	29.6	47.8	45.3	57.6	41.1	20.9	31.5	31.7	39.2	68.9
MAX	79.3	44.5	58.5	106	98.0	123	84.5	34.3	81.9	54.3	114	263
(WY)	(2003)	(2003)	(2003)	(1998)	(1998)	(1998)	(2003)	(2003)	(2001)	(2003)	(2004)	(1999)
MIN	9.04	5.69	15.2	13.9	21.9	26.0	20.9	3.03	11.9	11.3	8.00	4.68
(WY)	(2001)	(2002)	(2001)	(2001)	(1999)	(2002)	(1999)	(2002)	(2002)	(1999)	(1997)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1996 - 2005	
ANNUAL TOTAL	12,940.4		10,409.4			
ANNUAL MEAN	35.4		28.5		37.9	
HIGHEST ANNUAL MEAN					61.2	2003
LOWEST ANNUAL MEAN					23.4	2002
HIGHEST DAILY MEAN	504	Aug 15	412	Jan 14	3,600	Sep 6, 1996
LOWEST DAILY MEAN	2.6	Jul 10	1.5	Sep 9	0.50	Aug 8, 2002
ANNUAL SEVEN-DAY MINIMUM	4.7	Jul 6	1.6	Sep 24	0.50	Aug 8, 2002
MAXIMUM PEAK FLOW			802	Jan 14	6,760*	Sep 6, 1996
MAXIMUM PEAK STAGE			8.66	Jan 14	17.03*	Sep 6, 1996
INSTANTANEOUS LOW FLOW			NOT DETERMINED		NOT DETERMINED	
10 PERCENT EXCEEDS	74		66		70	
50 PERCENT EXCEEDS	17		14		16	
90 PERCENT EXCEEDS	8.1		3.0		6.0	

* See REMARKS.
e Estimated.

02087359 WALNUT CREEK AT SUNNYBROOK DRIVE AT RALEIGH, NC—Continued



02087359 WALNUT CREEK AT SUNNYBROOK DRIVE AT RALEIGH, NC—Continued

PRECIPITATION RECORDS

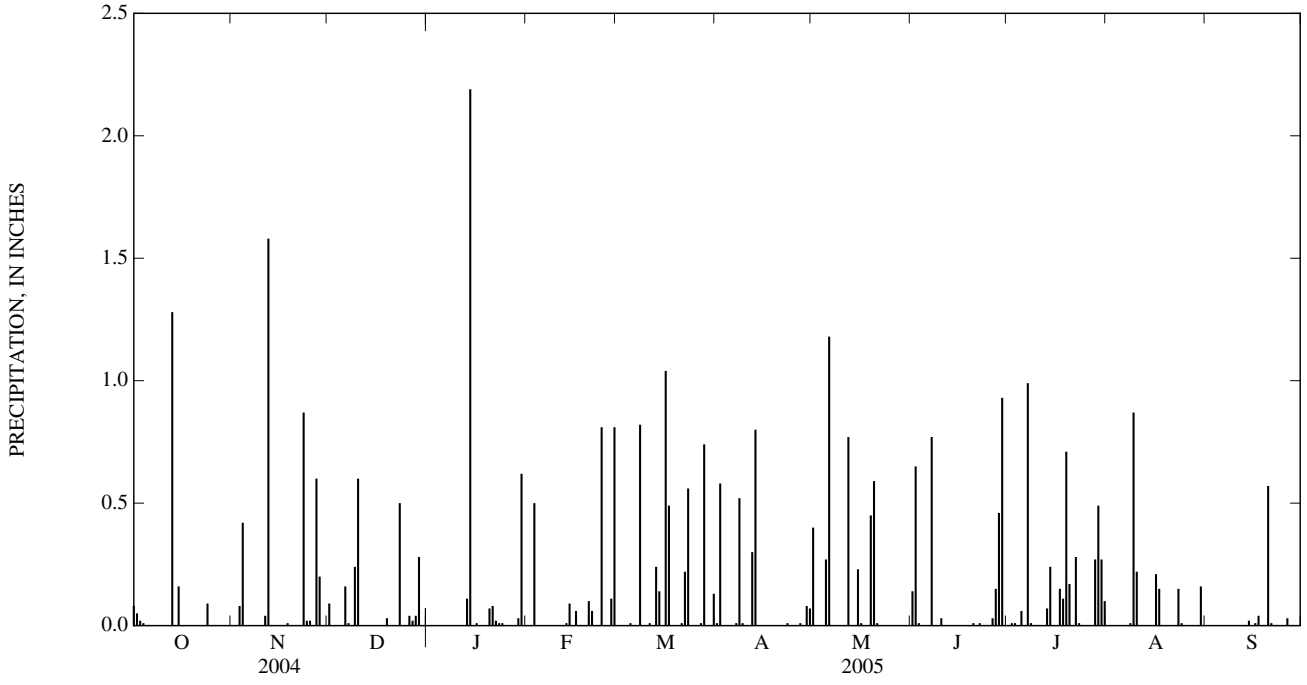
PERIOD OF RECORD.--July 1996 to current year. Records from July 1996 to September 1998 are unpublished and available in the USGS Water Science Center, Raleigh, NC.

GAGE.--Tipping bucket raingage. Satellite telemetry at station.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.08	0.00	0.09	0.00	0.00	0.00	0.01	0.40	0.14	0.00	0.00	---
2	0.05	0.00	0.00	0.00	0.00	0.00	0.58	0.00	0.65	0.01	0.00	---
3	0.02	0.08	0.00	0.00	0.50	0.00	0.00	0.00	0.01	0.01	0.00	0.00
4	0.01	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.27	0.00	0.06	0.00	0.00
6	0.00	0.00	0.16	0.00	0.00	0.00	0.00	1.18	0.00	0.00	0.00	0.00
7	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.77	0.99	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.82	0.52	0.00	0.00	0.01	0.01	0.00
9	0.00	0.00	0.24	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.87	0.00
10	---	0.00	0.60	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.22	0.00
11	---	0.04	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	1.58	0.00	0.00	0.00	0.00	0.30	0.77	0.00	0.00	0.00	0.00
13	1.28	0.00	0.00	0.11	0.01	0.24	0.80	0.00	0.00	0.07	0.00	0.00
14	0.00	0.00	0.00	2.19	0.09	0.14	0.00	0.00	0.00	0.24	0.00	0.02
15	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.01	0.06	1.04	0.00	0.01	0.00	0.00	0.21	0.01
17	0.00	0.00	0.00	0.00	0.00	0.49	0.00	0.00	0.00	0.15	0.15	0.04
18	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00
19	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.45	0.00	0.71	0.00	0.00
20	0.00	0.00	0.00	0.07	0.10	0.00	0.00	0.59	0.01	0.17	0.00	0.57
21	0.00	0.00	0.00	0.08	0.06	0.01	0.00	0.01	0.00	0.00	0.00	0.01
22	0.00	0.00	0.00	0.02	0.00	0.22	0.00	0.00	0.01	0.28	0.00	0.00
23	0.00	0.87	0.50	0.01	0.00	0.56	0.01	0.00	0.00	0.01	0.15	0.00
24	0.09	0.02	0.00	0.01	0.81	0.00	0.00	0.00	0.00	0.00	0.01	0.00
25	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.03
27	0.00	0.60	0.02	0.00	0.11	0.01	0.01	0.00	0.15	0.00	0.00	0.00
28	0.00	0.20	0.04	0.00	0.81	0.74	0.00	0.00	0.46	0.27	0.00	0.00
29	0.00	0.00	0.28	0.03	---	0.00	0.08	0.00	0.93	0.49	0.00	0.00
30	0.00	0.00	0.00	0.62	---	0.00	0.07	0.00	0.00	0.27	0.16	0.00
31	0.00	---	0.00	0.00	---	0.13	---	0.00	---	0.10	0.00	---
TOTAL	---	3.84	2.01	3.15	2.55	4.42	2.40	3.91	3.19	3.95	1.78	---



02087500 NEUSE RIVER NEAR CLAYTON, NC

LOCATION.--Lat 35°38'50", long 78°24'19", Johnston County, Hydrologic Unit 03020201, on left bank at downstream side of bridge on State Highway 42, 2.3 mi upstream from Mill Creek, and 3 mi east of Clayton.

DRAINAGE AREA.--1,150 mi^2.

PERIOD OF RECORD.--July 1927 to current year.

REVISED RECORDS.--WSP 1032: 1930, 1935(M). WSP 1333: 1935. WSP 1503: 1949. WDR NC-81-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 128.41 ft above NGVD of 1929. Prior to Mar. 18, 1942, at site 1,100 ft upstream at same datum. U.S. Army Corps of Engineers satellite telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Flow regulated by Falls Lake (station 02087182), since Dec. 7, 1983. The City of Raleigh diverts water upstream from station, most of which was returned upstream from station as treated effluent. Prior to regulation, maximum discharge: 22,900 ft^3/s, Sept. 19, 1945; gage height: 22.12 ft; minimum discharge: 44 ft^3/s, Sept. 15, 1932; gage height: 0.28 ft, at site then in use.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of July 23, 1919, reached a stage of 21.15 ft, from floodmark at former site; discharge 21,200 ft^3/s.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	466	322	1,740	481	959	1,660	2,180	460	265	278	606	308
2	441	318	1,690	462	997	1,830	1,110	500	364	282	432	285
3	506	316	1,640	456	1,030	2,610	1,670	407	486	341	341	279
4	480	337	1,180	454	1,810	2,690	2,550	382	361	347	307	273
5	537	460	911	452	1,680	1,990	2,990	377	322	345	281	269
6	474	391	896	451	1,570	1,660	3,020	832	298	309	298	272
7	427	348	904	445	1,510	1,630	2,500	983	313	263	267	272
8	366	337	583	436	1,470	1,960	1,480	509	1,950	729	273	273
9	325	322	471	436	927	2,300	2,050	419	907	616	580	270
10	316	314	840	437	800	1,700	1,960	381	555	466	1,660	265
11	311	310	1,160	438	524	1,550	1,850	357	457	394	923	262
12	304	340	803	436	451	1,500	1,740	346	383	355	643	263
13	456	1,830	664	438	417	1,440	1,800	467	348	324	513	262
14	1,810	939	874	2,050	429	1,510	1,210	421	331	336	459	275
15	807	582	2,080	2,620	447	972	815	380	311	286	579	292
16	607	481	2,280	2,080	792	868	685	478	292	255	470	282
17	461	433	2,280	2,340	910	2,770	628	396	276	248	449	274
18	403	399	1,820	2,180	883	2,190	605	340	299	294	416	273
19	376	377	1,570	2,490	598	2,480	589	326	318	329	331	272
20	362	1,270	1,560	2,650	505	2,530	574	523	319	828	311	273
21	351	1,840	1,530	2,680	533	2,380	503	588	290	660	311	441
22	340	1,790	1,510	2,210	545	1,660	479	436	272	413	313	372
23	331	824	711	2,060	445	1,560	478	369	308	631	320	274
24	328	1,150	676	2,000	700	2,520	466	336	320	469	327	246
25	347	732	519	1,570	1,030	2,580	459	337	319	331	307	268
26	335	583	493	1,410	664	1,670	418	320	333	282	293	291
27	327	504	512	648	578	1,450	401	306	342	279	293	289
28	323	1,320	500	439	1,330	2,390	399	289	397	284	315	269
29	320	1,030	479	437	---	2,000	364	277	515	611	328	238
30	323	1,380	500	776	---	2,900	383	270	356	925	328	230
31	323	---	502	819	---	3,140	---	274	---	646	336	---
TOTAL	13,883	21,579	33,878	37,281	24,534	62,090	36,356	13,086	12,607	13,156	13,610	8,412
MEAN	448	719	1,093	1,203	876	2,003	1,212	422	420	424	439	280
MAX	1,810	1,840	2,280	2,680	1,810	3,140	3,020	983	1,950	925	1,660	441
MIN	304	310	471	436	417	868	364	270	265	248	267	230

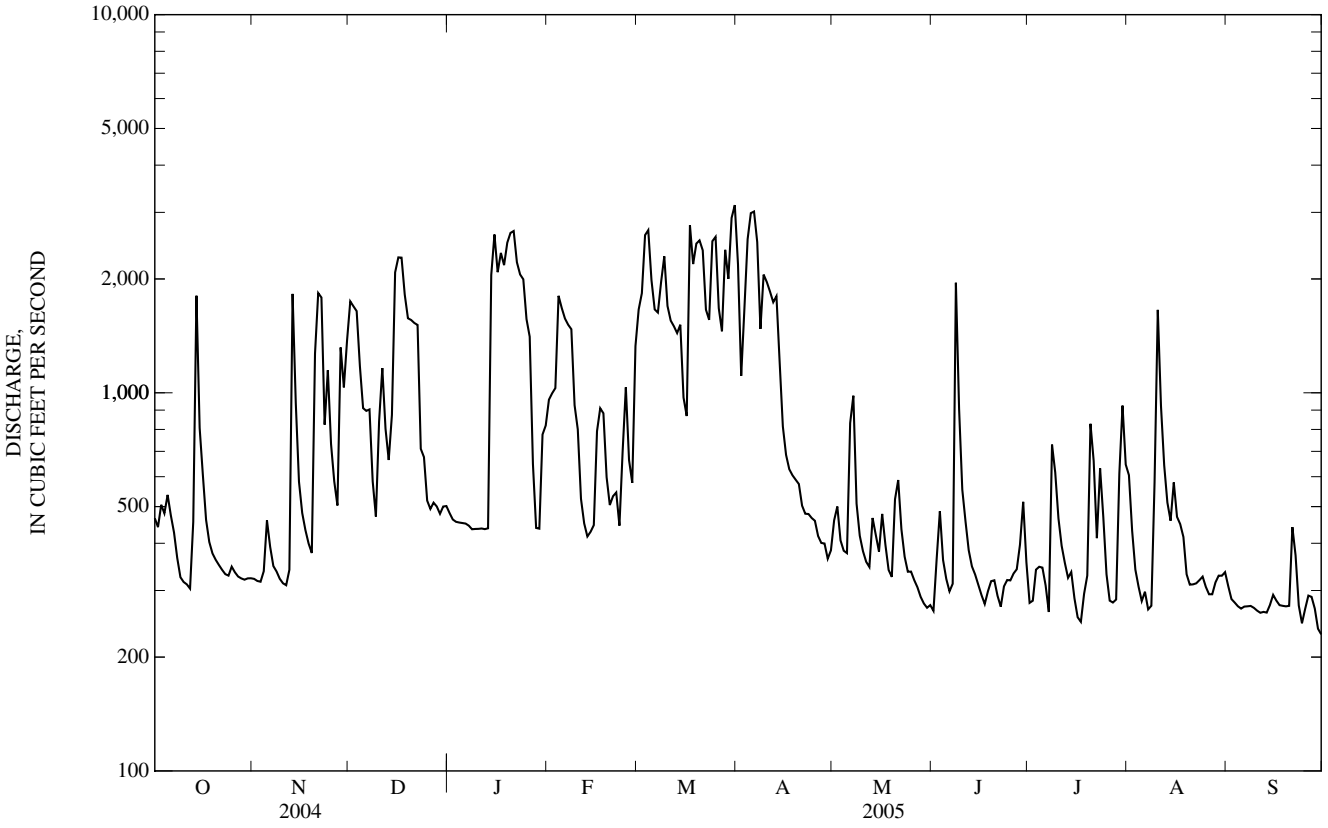
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1983 - 2005,* BY WATER YEAR (WY)

MEAN	710	690	932	1,347	1,792	2,253	1,773	887	648	606	667	887
MAX	3,822	2,201	2,623	2,821	4,961	5,688	4,813	2,864	2,170	1,841	1,539	6,620
(WY)	(2000)	(1996)	(2003)	(1984)	(1998)	(1998)	(2003)	(1989)	(2003)	(1995)	(1989)	(1996)
MIN	212	215	237	375	452	422	290	292	267	234	204	136
(WY)	(1984)	(1992)	(1995)	(2001)	(2002)	(2002)	(1986)	(2002)	(1999)	(1983)	(1983)	(1985)

02087500 NEUSE RIVER NEAR CLAYTON, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1983 - 2005*	
ANNUAL TOTAL	304,380		290,472			
ANNUAL MEAN	832		796		1,095	
HIGHEST ANNUAL MEAN					2,052	2003
LOWEST ANNUAL MEAN					425	2002
HIGHEST DAILY MEAN	5,310	Aug 16	3,140	Mar 31	19,700	Sep 17, 1999
LOWEST DAILY MEAN	243	Jun 22	230	Sep 30	105	Sep 16, 1985
ANNUAL SEVEN-DAY MINIMUM	277	May 24	262	Sep 24	117	Sep 12, 1985
MAXIMUM PEAK FLOW			4,060	Jan 14	20,500	Sep 17, 1999
MAXIMUM PEAK STAGE			7.43	Jan 14	20.67	Sep 17, 1999
INSTANTANEOUS LOW FLOW			209	Sep 30	78	Sep 18, 1985
10 PERCENT EXCEEDS	1,800		1,960		3,120	
50 PERCENT EXCEEDS	586		460		472	
90 PERCENT EXCEEDS	315		282		257	

* Regulated period only (1983-2005). See REMARKS.



0208755215 NEUSE RIVER ABOVE U.S. HIGHWAY 70 AT SMITHFIELD, NC

LOCATION.--Lat 35°31'13", long 78°20'57", Johnston County, Hydrologic Unit 03020201, at water supply intake, 0.8 mi above U.S. Highway 70 and 0.9 mi northwest of Smithfield.

DRAINAGE AREA.--1,200 mi^2.

PERIOD OF RECORD.--Water years 2003 to current year.

REMARKS.--Station operated as part of NAWQA program from October 2002 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Medium code	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)	1,4-Dichlorobenzene water, fltrd, ug/L (34572)	1-Methylnaphthalene, water, fltrd, ug/L (62054)	1-Naphthol, water, fltrd 0.7u GF ug/L (49295)	2,4-D methyl ester, water, fltrd, ug/L (50470)	2,4-D water, fltrd, ug/L (39732)
OCT													
12...	1000	9	757	7.8	82	7.5	204	17.4	<.5	<.5	<.09	<.016	<.04
18...	1400	9	751	8.9	94	7.2	155	17.3	<.5	<.5	--	--	--
DEC													
29...	1130	9	771	11.8	88	7.7	313	3.4	M	<.5	<.09	<.016	<.04
JAN													
28...	1230	9	775	11.0	84	6.9	171	4.6	<.5	<.5	--	--	--
FEB													
02...	1200	9	768	12.0	94	7.7	152	5.2	<.5	<.5	<.09	<.016	.04
17...	1015	9	755	10.6	96	7.2	146	10.5	--	--	--	--	--
MAR													
10...	1130	9	753	11.2	96	7.1	127	8.3	<.5	<.5	M	<.016	.17
APR													
14...	1130	9	756	9.3	88	7.1	109	12.7	<.5	<.5	<.09	<.016	E.53
MAY													
09...	0930	9	758	8.3	86	7.0	140	16.7	--	--	<.09	<.032	.35
31...	1130	9	760	6.5	74	7.3	213	21.4	<.5	<.5	<.09	<.016	<.04
JUN													
27...	1030	9	763	6.8	82	7.3	212	25.4	--	--	<.09	<.016	E.03
JUL													
12...	1030	9	761	6.0	76	7.4	190	27.0	<.5	<.5	<.09	<.016	E.03
AUG													
05...	1000	9	763	6.2	79	7.4	201	27.5	--	--	E.01	<.016	E.07

Date	2,4-DB water, fltrd 0.7u GF ug/L (38746)	2,6-Diethylaniline water fltrd 0.7u GF ug/L (82660)	2,6-Dimethylnaphthalene, water, fltrd, ug/L (62055)	2-[(2-Ethyl-6methylphenyl)amino]2oxoESA ug/L (62850)	2Chloro-2',6-'diethyl acetanilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	Alachlor 2nd amide, water, fltrd, ug/L (63781)	Acetochlor 3rd amide, water, fltrd, ug/L (63782)	2-Ethyl-6-methylaniline water, fltrd, ug/L (61620)	OIET, water, fltrd, ug/L (50355)	2-Methylnaphthalene, water, fltrd, ug/L (62056)	3,4-Dichloroaniline water fltrd, ug/L (61625)
OCT													
12...	<.02	<.006	<.5	<.02	<.005	<.006	<.08	<.02	<.02	<.004	E.028	<.5	.060
18...	--	--	<.5	--	--	--	--	--	--	--	--	<.5	--
DEC													
29...	<.02	<.006	<.5	<.02	<.005	<.006	<.08	<.02	<.02	<.004	E.025	<.5	.013
JAN													
28...	--	--	<.5	--	--	--	--	--	--	--	--	<.5	--
FEB													
02...	<.02	<.006	<.5	<.02	<.005	E.007	E.03	<.02	<.02	<.004	E.023	<.5	.014
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
10...	<.02	<.006	<.5	<.02	<.005	<.006	E.06	<.02	<.02	<.004	<.032	<.5	E.021
APR													
14...	<.02	<.006	<.5	<.02	<.005	<.006	E.04	<.02	<.02	<.004	<.032	<.5	E.022
MAY													
09...	<.02	<.006	--	<.02	<.005	E.007	E.04	<.02	<.02	<.004	<.032	--	--
31...	<.02	<.006	<.5	.02	<.005	<.006	<.08	<.02	<.02	<.004	<.032	<.5	E.080
JUN													
27...	<.02	<.006	--	<.02	<.005	E.006	<.08	<.02	<.02	<.004	<.032	--	E.062
JUL													
12...	<.02	<.006	<.5	<.02	<.005	E.007	<.08	<.02	<.02	<.004	<.032	<.5	E.083
AUG													
05...	<.02	<.006	--	<.02	<.005	E.008	<.08	<.02	<.02	<.004	<.032	--	E.080

0208755215 NEUSE RIVER ABOVE U.S. HIGHWAY 70 AT SMITHFIELD, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	3,5-Dichloroaniline water, fltrd, ug/L (61627)	3-beta-Coprostanol, water, fltrd, ug/L (62057)	3-Hydroxycarbofuran, wat flt 0.7u GF ug/L (49308)	3-Ketocarbofuran, water, fltrd, ug/L (50295)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	3-tert-Butyl-4-hydroxyanisole wat flt ug/L (62059)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	4-Cumylphenol, water, fltrd, ug/L (62060)	4-Octylphenol, water, fltrd, ug/L (62061)	4-Nonylphenol, water, fltrd, ug/L (62085)	4-tert-Octylphenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzotriazole, wat flt ug/L (62063)	9,10-Anthraquinone water, fltrd, ug/L (62066)
OCT													
12...	--	E1	<.008	<.02	<1	<5	<.006	<1	<1	<5	<1	<2	<.5
18...	--	<2	--	--	<1	<5	--	<1	<1	<5	<1	<2	<.5
DEC													
29...	--	M	<.008	<.02	<1	<5	<.006	<1	<1	<5	<1	<2	<.5
JAN													
28...	--	<2	--	--	<1	<5	--	<1	<1	<5	<1	<2	<.5
FEB													
02...	--	M	<.008	<.02	<1	<5	<.006	<1	<1	M	<1	<2	<.5
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
10...	--	M	<.008	<.02	<1	<5	E.003	<1	<1	<5	<1	<2	<.5
APR													
14...	--	M	<.008	<.02	<1	<5	<.006	<1	<1	<5	<1	<2	<.5
MAY													
09...	--	--	<.008	<.02	--	--	E.004	--	--	--	--	--	--
31...	--	<2	<.008	<.02	<1	<5	<.006	<1	<1	<5	<1	M	<.5
JUN													
27...	<.004	--	<.008	<.20	--	--	<.006	--	--	--	--	--	--
JUL													
12...	<.004	<2	<.008	--	<1	<5	E.003	<1	<1	<5	<1	--	<.5
AUG													
05...	<.004	--	<.008	<.02	--	--	<.006	--	--	--	--	--	--

Date	Acetochlor ESA, water, fltrd 0.7u GF ug/L (61029)	Acetochlor OA, water, fltrd 0.7u GF ug/L (61030)	Acetochlor SAA, water, fltrd, ug/L (62847)	Acetochlor, water, fltrd, ug/L (49260)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Acifluorfen, water, fltrd 0.7u GF ug/L (49315)	Alachlor ESA SA, water, fltrd, ug/L (62849)	Alachlor ESA, water, fltrd 0.7u GF ug/L (50009)	Alachlor OA, water, fltrd 0.7u GF ug/L (61031)	Alachlor SAA, water, fltrd, ug/L (62848)	Alachlor, water, fltrd, ug/L (46342)	Aldicarb sulfone water, fltrd 0.7u GF ug/L (49313)
OCT													
12...	<.02	<.02	<.02	<.006	<.5	E.2	<.028	<.02	<.02	<.02	<.02	<.005	<.02
18...	--	--	--	--	<.5	E.2	--	--	--	--	--	--	--
DEC													
29...	<.02	<.02	<.02	<.006	<.5	E.2	<.028	<.02	<.02	<.02	<.02	<.005	<.02
JAN													
28...	--	--	--	--	<.5	E.2	--	--	--	--	--	--	--
FEB													
02...	<.02	<.02	<.02	<.006	<.5	E.2	<.028	<.02	<.02	<.02	<.02	<.005	<.02
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
10...	<.02	<.02	<.02	<.02	<.5	E.1	<.028	<.02	<.02	<.02	<.02	<.02	<.02
APR													
14...	<.02	.02	<.02	<.02	<.5	E.1	<.028	<.02	<.02	<.02	<.02	<.02	<.02
MAY													
09...	<.02	<.02	<.02	<.02	--	--	<.028	<.02	<.02	<.02	<.02	<.02	<.02
31...	<.02	<.02	<.02	<.006	<.5	E.2	<.028	<.02	.02	<.02	<.02	<.005	<.02
JUN													
27...	<.02	<.02	<.02	<.02	--	--	<.028	<.02	<.02	<.02	<.02	<.02	<.02
JUL													
12...	<.02	<.02	<.02	.03	<.5	E.1	<.028	<.02	<.02	<.02	<.02	<.02	<.02
AUG													
05...	<.02	<.02	<.02	<.02	--	--	<.028	<.02	<.02	<.02	<.02	<.02	<.02

0208755215 NEUSE RIVER ABOVE U.S. HIGHWAY 70 AT SMITHFIELD, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Aldicarb sulfoxide, wat flt 0.7u GF ug/L (49314)	Aldicarb, water, fltrd 0.7u GF ug/L (49312)	alpha-Endosulfan, water, fltrd, ug/L (34362)	Anthracene, water, fltrd, ug/L (34221)	Atrazine, water, fltrd, ug/L (39632)	Azinphosmethyl oxon, water, fltrd, ug/L (61635)	Azinphosmethyl, water, fltrd 0.7u GF ug/L (82686)	Bendiocarb, water, fltrd, ug/L (50299)	Benfluralin, water, fltrd 0.7u GF ug/L (82673)	Benomyl water, fltrd, ug/L (50300)	Bensulfuron, water, fltrd, ug/L (61693)	Bentazon, water, fltrd 0.7u GF ug/L (38711)	Benzo[a]pyrene, water, fltrd, ug/L (34248)
OCT													
12...	<.022	<.04	--	<.5	.012	<.07	<.050	<.02	<.010	.036	<.02	<.01	<.5
18...	--	--	--	<.5	--	--	--	--	--	--	--	--	<.5
DEC													
29...	<.022	<.04	--	<.5	.008	<.07	<.050	<.02	<.010	<.022	<.02	<.01	<.5
JAN													
28...	--	--	--	<.5	--	--	--	--	--	--	--	--	<.5
FEB													
02...	<.022	<.04	--	<.5	.013	<.07	<.050	<.02	<.010	<.022	<.02	<.01	<.5
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
10...	<.022	<.04	--	<.5	.015	<.07	<.050	<.02	<.010	<.022	<.02	<.01	<.5
APR													
14...	<.022	<.04	--	<.5	.049	<.07	<.050	<.02	<.010	<.022	<.02	<.01	<.5
MAY													
09...	<.022	<.04	--	--	.024	<.07	<.050	<.02	<.010	<.022	<.02	<.01	--
31...	<.022	<.04	--	<.5	<.011	<.07	<.050	<.02	<.010	<.022	<.02	<.01	<.5
JUN													
27...	<.022	<.04	<.005	--	.009	<.07	<.050	<.02	<.010	<.022	<.02	<.01	--
JUL													
12...	<.022	<.04	<.005	<.5	.012	<.07	<.050	<.02	<.010	<.022	<.02	<.01	<.5
AUG													
05...	<.022	<.04	<.005	--	.010	<.07	<.050	<.02	<.010	<.022	<.02	<.01	--

Date	Benzophenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmastanol, water, fltrd, ug/L (62086)	Bisphenol A, water, fltrd, ug/L (62069)	Bromacil, water, fltrd, ug/L (04029)	Bromoxynil, water, fltrd 0.7u GF ug/L (49311)	Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7u GF ug/L (49310)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Carbofuran, water, fltrd 0.7u GF ug/L (49309)	Carbofuran, water, fltrd 0.7u GF ug/L (82674)
OCT													
12...	<.5	E1	E2	<1	<.02	<.03	.032	<.5	<.02	<.041	<.5	<.016	--
18...	<.5	<2	<2	<1	<.5	--	E.1	<.5	--	<1	<.5	--	--
DEC													
29...	<.5	M	M	<1	<.02	<.03	E.060	<.5	<.02	<.041	<.5	<.016	--
JAN													
28...	E.1	<2	<2	<1	<.5	--	E.1	<.5	--	<1	<.5	--	--
FEB													
02...	<.5	<2	M	<1	<.02	<.03	.035	<.5	<.02	E.011	<.5	<.016	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
10...	<.5	<2	M	<1	<.02	<.03	.050	M	<.02	<.041	<.5	<.016	--
APR													
14...	<.5	<2	M	<1	<.02	<.03	.056	M	E.01	E.024	<.5	<.016	--
MAY													
09...	--	--	--	--	<.02	<.03	.065	--	M	E.014	--	<.016	--
31...	M	<2	<2	--	<.02	<.03	.022	M	<.02	<.041	<.5	<.016	--
JUN													
27...	--	--	--	--	<.02	<.03	<.018	--	<.02	E.008	--	<.016	<.020
JUL													
12...	M	<2	<2	--	<.02	<.03	<.030	M	E.01	E.013	<.5	<.016	<.020
AUG													
05...	--	--	--	--	<.02	<.03	.028	--	E.02	E.026	--	<.016	<.020

0208755215 NEUSE RIVER ABOVE U.S. HIGHWAY 70 AT SMITHFIELD, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Chloramben methyl ester, water, fltrd, ug/L (61188)	Chlorimuron, water, fltrd, ug/L (50306)	Chloro-diamino-s-triazine, wat flt ug/L (04039)	Chlorothalonil, water, fltrd 0.7u GF ug/L (49306)	Chlorpyrifos oxon, water, fltrd, ug/L (61636)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	cis-Permethrin water fltrd 0.7u GF ug/L (82687)	cis-Propiconazole, water, fltrd, ug/L (79846)	Clopyralid, water, fltrd 0.7u GF ug/L (49305)	Cotinine, water, fltrd, ug/L (62005)	Cyanazine, water, fltrd, ug/L (04041)	Cycloate, water, fltrd, ug/L (04031)
OCT													
12...	<.02	<.032	E.02	<.04	<.06	<.005	E2	<.006	--	<.02	<1.00	--	<.01
18...	--	--	--	--	--	<.5	<2	--	--	--	<1.00	--	--
DEC													
29...	<.02	<.032	<.04	--	<.06	<.005	M	<.006	--	<.02	<1.00	--	<.01
JAN													
28...	--	--	--	--	--	<.5	M	--	--	--	<1.00	--	--
FEB													
02...	<.02	<.032	<.04	<.04	<.06	<.005	M	<.006	--	<.02	<1.00	--	<.01
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
10...	<.02	<.032	<.04	<.04	<.15	<.005	M	<.006	--	<.02	<1.00	--	<.01
APR													
14...	<.02	<.032	<.04	<.04	<.06	<.005	M	<.006	--	<.02	<1.00	--	<.01
MAY													
09...	<.02	<.032	<.04	<.04	<.06	<.005	--	<.006	--	<.02	--	--	<.01
31...	<.02	<.032	<.04	<.04	<.06	<.005	M	<.006	--	<.05	<1.00	--	<.01
JUN													
27...	<.02	<.032	<.04	<.04	<.06	<.005	--	<.006	<.008	<.02	--	<.018	<.01
JUL													
12...	<.02	<.032	<.04	<.04	<.06	E.004	<2	<.006	<.008	<.02	<1.00	<.018	<.01
AUG													
05...	<.02	<.032	<.04	<.04	<.06	<.005	--	<.006	<.008	<.02	--	<.018	<.01

Date	Cyfluthrin, water, fltrd, ug/L (61585)	lambda-Cyhalothrin, water, fltrd, ug/L (61595)	Cypermethrin water, fltrd, ug/L (61586)	Dacthal mono-acid, water, fltrd 0.7u GF ug/L (49304)	DCPA, water fltrd 0.7u GF ug/L (82682)	De-chloro-aceto-chlor, water, fltrd, ug/L (63778)	De-chloro-ala-chlor, water, fltrd, ug/L (63777)	De-chloro-dimeth-enamid, water, fltrd, ug/L (63779)	De-chloro-metola-chlor, water, fltrd, ug/L (63780)	DEET, water, fltrd, ug/L (62082)	Desulfinyl fipronil, water, fltrd, ug/L (62170)	Diazinon oxon, water, fltrd, ug/L (61638)	Diazinon, water, fltrd, ug/L (39572)
OCT													
12...	<.008	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	<.5	E.008	<.01	<.005
18...	--	--	--	--	--	--	--	--	--	E.1	--	--	<.5
DEC													
29...	<.008	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	M	<.012	<.01	<.005
JAN													
28...	--	--	--	--	--	--	--	--	--	E.1	--	--	<.5
FEB													
02...	<.008	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	M	E.007	<.01	.008
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
10...	<.027	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	E.1	E.004	<.01	<.005
APR													
14...	<.027	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	E.1	E.003	<.01	<.005
MAY													
09...	<.027	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	--	E.008	<.01	<.005
31...	<.027	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	E.1	E.007	--	.014
JUN													
27...	<.027	<.009	<.009	<.03	<.003	<.02	<.02	<.02	<.02	--	E.005	--	<.005
JUL													
12...	<.027	<.009	<.009	<.03	<.003	<.02	<.02	<.02	<.02	E.1	E.008	--	E.006
AUG													
05...	<.027	<.009	<.009	<.03	<.003	<.02	<.02	<.02	<.02	--	E.008	--	E.006

0208755215 NEUSE RIVER ABOVE U.S. HIGHWAY 70 AT SMITHFIELD, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Dicamba water fltrd 0.7u GF ug/L (38442)	Dichlorprop, water, fltrd 0.7u GF ug/L (49302)	Dicrotophos, water fltrd, ug/L (38454)	Dieldrin, water, fltrd, ug/L (39381)	Diethoxynonylphenol, water, fltrd, ug/L (62083)	Diethoxyoctylphenol, water, fltrd ug/L (61705)	Dimethenamid ESA, water, fltrd, ug/L (61951)	Dimethenamid OA, water, fltrd, ug/L (62482)	Dimethenamid water, fltrd, ug/L (61588)	Dimethoate, water, fltrd 0.7u GF ug/L (82662)	Dinoseb water, fltrd 0.7u GF ug/L (49301)	Diphenamid, water, fltrd, ug/L (04033)	Disulfoton sulfone water, fltrd, ug/L (61640)
OCT													
12...	<.04	<.03	<.08	<.009	E2	<1	<.02	<.02	<.02	<.006	<.04	<.01	--
18...	--	--	--	--	E4	<1	--	--	--	--	--	--	--
DEC													
29...	<.04	<.03	<.08	<.009	<5	<1	<.02	<.02	<.02	<.006	<.04	<.01	--
JAN													
28...	--	--	--	--	<5	<1	--	--	--	--	--	--	--
FEB													
02...	<.04	<.03	<.08	<.009	E2	<1	<.02	<.02	<.02	<.006	<.04	<.01	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
10...	<.04	<.03	<.08	<.009	E2	<1	<.02	<.02	<.02	<.006	<.04	<.01	--
APR													
14...	<.04	<.03	<.08	<.009	<5	<1	<.02	<.02	<.02	<.006	<.04	<.01	--
MAY													
09...	<.04	<.03	<.08	<.009	--	--	<.02	<.02	<.02	<.006	<.04	<.01	--
31...	<.05	<.03	<.08	<.009	<5	<1	<.02	<.02	<.02	<.006	<.04	<.01	--
JUN													
27...	<.04	<.03	<.08	<.009	--	--	<.02	<.02	<.02	<.006	<.04	<.01	<.01
JUL													
12...	<.04	<.03	<.08	<.009	<5	<1	<.02	<.02	<.02	<.006	<.04	<.01	<.01
AUG													
05...	<.04	<.03	<.08	<.009	--	--	<.02	<.02	<.02	<.006	<.04	<.01	<.01

Date	Disulfoton, water, fltrd 0.7u GF ug/L (82677)	Diuron, water, fltrd 0.7u GF ug/L (49300)	D-Limonene, water, fltrd, ug/L (62073)	Endosulfan sulfate water, fltrd, ug/L (61590)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Ethoprop, water, fltrd 0.7u GF ug/L (82672)	Ethoxyoctylphenol, water, fltrd ug/L (61706)	Fenamiphos sulfone water, fltrd, ug/L (61645)	Fenamiphos sulfoxide, water, fltrd, ug/L (61646)	Fenamiphos, water, fltrd, ug/L (61591)	Fenuron water, fltrd 0.7u GF ug/L (49297)
OCT													
12...	--	.01	<.5	--	--	<.0020	<.004	--	<1	<.049	<.04	<.03	<.02
18...	--	--	<.5	--	--	--	--	--	<1	--	--	--	--
DEC													
29...	--	.02	<.5	--	--	<.0020	<.004	--	<1	<.049	--	<.03	<.02
JAN													
28...	--	--	<.5	--	--	--	--	--	<1	--	--	--	--
FEB													
02...	--	<.01	<.5	--	--	<.0020	<.004	--	<1	<.049	<.04	<.03	<.02
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
10...	--	<.01	<.5	--	--	<.0020	<.004	--	<1	<.049	<.04	<.03	<.02
APR													
14...	--	.03	<.5	--	--	<.0020	<.004	--	<1	<.049	<.04	<.03	<.02
MAY													
09...	--	.07	--	--	--	<.0020	<.004	--	--	<.049	<.04	<.03	<.02
31...	--	.02	<.5	--	--	<.0020	<.004	--	<1	<.049	<.04	<.03	<.02
JUN													
27...	<.02	E.02	--	<.014	<.004	<.002	<.004	<.005	--	<.049	<.04	<.03	<.02
JUL													
12...	<.02	.04	<.5	<.014	<.004	<.002	<.004	<.005	<1	<.049	<.04	<.03	<.02
AUG													
05...	<.02	.03	--	<.014	<.004	<.01	<.004	<.005	--	<.049	<.04	<.03	<.02

0208755215 NEUSE RIVER ABOVE U.S. HIGHWAY 70 AT SMITHFIELD, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Desulfinyl-fipronil amide, wat flt ug/L (62169)	Fipronil sulfide water, fltrd, ug/L (62167)	Fipronil sulfone water, fltrd, ug/L (62168)	Fipronil, water, fltrd, ug/L (62166)	Flufenacet ESA, water, fltrd, ug/L (61952)	Flufenacet OA, water, fltrd, ug/L (62483)	Flufenacet, water, fltrd, ug/L (62481)	Flumetsulam, water, fltrd, ug/L (61694)	Fluometuron water fltrd 0.7u GF ug/L (38811)	Fluoranthene water, fltrd, ug/L (34377)	Fonofos oxon, water, fltrd, ug/L (61649)	Fonofos water, fltrd, ug/L (04095)	HHCB, water, fltrd, ug/L (62075)
OCT													
12...	E.003	E.009	E.012	E.031	<.02	<.02	<.02	<.04	<.02	<.5	<.003	<.003	<.5
18...	--	--	--	--	--	--	--	--	--	<.5	--	--	<.5
DEC													
29...	<.029	<.013	<.024	E.016	<.02	<.02	<.02	<.04	<.02	<.5	<.003	<.003	M
JAN													
28...	--	--	--	--	--	--	--	--	--	<.5	--	--	<.5
FEB													
02...	E.007	E.008	E.008	E.015	<.02	<.02	<.02	<.04	<.02	<.5	--	<.003	<.5
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
10...	<.029	<.013	<.024	<.016	<.02	<.02	<.02	<.04	<.02	M	--	<.003	M
APR													
14...	<.029	<.013	<.024	E.016	<.02	<.02	<.02	<.04	<.02	<.5	--	<.003	<.5
MAY													
09...	E.007	E.009	<.024	E.021	<.02	<.02	<.02	<.04	<.02	--	--	<.003	--
31...	<.029	E.007	E.010	E.018	<.02	<.02	<.02	<.04	<.02	<.5	--	<.003	M
JUN													
27...	E.007	E.006	E.007	E.014	<.02	<.02	<.02	<.04	<.02	--	--	<.003	--
JUL													
12...	E.007	E.009	E.009	E.019	<.02	<.02	<.02	<.04	<.02	M	--	<.003	M
AUG													
05...	E.013	E.010	E.010	E.023	<.02	<.02	<.02	<.04	<.02	--	--	<.003	--

Date	Hexazinone, water, fltrd, ug/L (04025)	Hydroxyacetochlor, water, fltrd, ug/L (63784)	Hydroxyalachlor, water, fltrd, ug/L (63783)	Hydroxydimethenamid, water, fltrd, ug/L (64045)	Hydroxymetolachlor, water, fltrd, ug/L (63785)	Imazaquin, water, fltrd, ug/L (50356)	Imazethapyr, water, fltrd, ug/L (50407)	Imidacloprid water, fltrd, ug/L (61695)	Indole, water, fltrd, ug/L (62076)	Iprodione, water, fltrd, ug/L (61593)	Isoborneol, water, fltrd, ug/L (62077)	Isofenphos, water, fltrd, ug/L (61594)	Isophorone water, fltrd, ug/L (34409)
OCT													
12...	<.013	<.02	<.02	<.02	<.02	<.04	<.04	E.019	<.5	<.387	<.5	<.003	<.5
18...	--	--	--	--	--	--	--	--	<.5	--	<.5	--	<.5
DEC													
29...	<.013	<.02	<.02	<.02	<.02	<.09	<.04	<.020	<.5	<.387	<.5	<.003	<.5
JAN													
28...	--	--	--	--	--	--	--	--	<.5	--	<.5	--	M
FEB													
02...	<.013	<.02	<.02	<.02	<.02	E.01	<.04	<.020	<.5	<.387	<.5	<.003	<.5
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
10...	<.013	<.02	<.02	<.02	<.02	<.04	<.04	<.020	<.5	<.538	<.5	<.003	M
APR													
14...	<.013	<.02	<.02	<.02	<.02	<.04	<.04	<.020	<.5	<.538	<.5	<.003	<.5
MAY													
09...	.019	<.02	<.02	<.02	<.02	<.04	<.04	<.020	--	<.538	--	<.003	--
31...	<.013	<.02	<.02	<.02	<.02	<.04	<.04	<.020	<.5	<.538	<.5	<.003	M
JUN													
27...	<.013	<.02	<.02	<.02	<.02	<.04	<.04	<.020	--	<.538	--	<.003	--
JUL													
12...	<.013	<.02	<.02	<.02	<.02	<.04	<.04	<.020	<.5	<.538	<.5	<.003	<.5
AUG													
05...	<.013	<.02	<.02	<.02	<.02	<.04	<.04	<.020	--	<.538	--	<.003	--

0208755215 NEUSE RIVER ABOVE U.S. HIGHWAY 70 AT SMITHFIELD, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Isopropylbenzene water, fltrd, ug/L (62078)	Isoquinoline, water, fltrd, ug/L (62079)	Linuron water fltrd 0.7u GF ug/L (38478)	Malaoxon, water, fltrd, ug/L (61652)	Malathion, water, fltrd, ug/L (39532)	MCPA, water, fltrd 0.7u GF ug/L (38482)	MCPB, water, fltrd 0.7u GF ug/L (38487)	Menthol water, fltrd, ug/L (62080)	Metalaxyl, water, fltrd, ug/L (50359)	Metalaxyl, water, fltrd, ug/L (61596)	Methialthion water, fltrd, ug/L (61598)	Methiocarb, water, fltrd 0.7u GF ug/L (38501)	Methomyl, water, fltrd 0.7u GF ug/L (49296)
OCT													
12...	<.5	<.5	<.01	<.030	<.027	<.03	<.01	<.5	E.01	<.005	<.006	<.010	<.020
18...	<.5	<.5	--	--	--	--	--	<.5	<.5	--	--	--	--
DEC													
29...	<.5	<.5	<.01	<.030	<.027	<.03	<.01	<.5	<.01	<.005	<.006	<.010	<.020
JAN													
28...	<.5	<.5	--	--	--	--	--	<.5	<.5	--	--	--	--
FEB													
02...	<.5	<.5	<.01	<.030	<.027	E.03	<.01	<.5	M	<.005	<.006	<.010	<.020
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
10...	<.5	<.5	<.01	<.030	<.027	E.10	<.01	<.5	<.01	<.005	<.006	<.010	<.020
APR													
14...	<.5	<.5	<.01	<.030	<.027	<.05	<.01	<.5	<.01	<.010	<.006	<.010	<.020
MAY													
09...	--	--	<.01	<.030	<.027	.03	<.01	--	<.01	<.005	<.006	<.010	<.020
31...	<.5	<.5	<.01	<.030	<.027	<.03	<.01	<.5	<.01	<.005	<.006	<.010	<.020
JUN													
27...	--	--	<.01	<.030	<.027	<.03	<.01	--	E.01	.010	<.006	<.010	<.020
JUL													
12...	<.5	<.5	<.01	<.030	<.027	<.03	<.01	<.5	<.01	<.005	<.006	<.010	<.020
AUG													
05...	--	--	<.01	<.030	<.027	<.03	<.01	--	.03	.025	<.006	<.010	<.020

Date	Methyl acetate water unfltrd ug/L (77032)	Methyl paraoxon, water, fltrd, ug/L (61664)	Methyl parathion, water, fltrd 0.7u GF ug/L (82667)	Methyl salicylate, water, fltrd, ug/L (62081)	Metolachlor ESA, water, fltrd 0.7u GF ug/L (61043)	Metolachlor OA, water, fltrd 0.7u GF ug/L (61044)	Metolachlor, water, fltrd, ug/L (39415)	Metribuzin, water, fltrd, ug/L (82630)	Metsulfuron, water, fltrd, ug/L (61697)	Molinate, water, fltrd 0.7u GF ug/L (82671)	Myclobutanil water, fltrd, ug/L (61599)	N-(4-Chlorophenyl)-N'-methylurea, ug/L (61692)	Naphthalene, water, fltrd, ug/L (34443)
OCT													
12...	--	<.03	<.015	<.5	.06	.04	E.009	<.006	<.03	--	<.008	<.04	<.5
18...	--	--	--	<.5	--	--	<.5	--	--	--	--	--	<.5
DEC													
29...	<1.0	<.03	<.015	<.5	.03	<.02	<.010	<.006	<.03	--	<.008	<.04	<.5
JAN													
28...	--	--	--	M	--	--	<.5	--	--	--	--	--	<.5
FEB													
02...	<1.0	<.03	<.015	<.5	.03	<.02	.009	<.006	<.03	--	<.008	<.04	<.5
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
10...	<1.0	<.03	<.015	M	.07	.03	<.02	<.006	<.03	--	<.020	<.04	<.5
APR													
14...	<1.0	<.03	<.015	<.5	<.02	<.02	<.02	<.006	<.03	--	.018	<.04	<.5
MAY													
09...	--	<.03	<.015	--	<.02	<.02	<.02	<.006	<.03	--	<.008	<.04	--
31...	<1.0	<.03	<.015	M	.06	.04	.012	<.006	<.03	--	<.008	<.04	<.5
JUN													
27...	--	<.03	<.015	--	<.02	<.02	.02	<.006	<.03	<.003	<.008	<.04	--
JUL													
12...	--	<.03	<.015	<.5	.03	.03	.13	<.006	<.03	<.003	.011	<.04	<.5
AUG													
05...	--	<.03	<.015	--	.03	.02	<.02	<.006	<.03	<.003	.014	<.04	--

0208755215 NEUSE RIVER ABOVE U.S. HIGHWAY 70 AT SMITHFIELD, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Neburon water, fltrd 0.7u GF ug/L (49294)	Nicosulfuron, water, fltrd, ug/L (50364)	Norflurazon, water, fltrd 0.7u GF ug/L (49293)	Oryzalin, water, fltrd 0.7u GF ug/L (49292)	Oxamyl, water, fltrd 0.7u GF ug/L (38866)	Oxyfluorfen, water, fltrd, ug/L (61600)	p-Cresol, water, fltrd, ug/L (62084)	Pendimethalin, water, fltrd 0.7u GF ug/L (82683)	Pentachlorophenol, water, fltrd, ug/L (34459)	Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water fltrd 0.7u GF ug/L (82664)
OCT													
12...	<.01	<.04	<.02	<.01	<.03	--	<1	<.022	<2	<.5	<.5	<.10	<.011
18...	--	--	--	--	--	--	<1	--	<2	<.5	.9	--	--
DEC													
29...	<.01	<.04	<.02	<.01	<.03	--	M	<.022	<2	<.5	E.1	<.10	<.011
JAN													
28...	--	--	--	--	--	--	M	--	<2	<.5	<.5	--	--
FEB													
02...	<.01	<.04	<.02	<.01	<.03	--	M	<.022	<2	<.5	E.4	<.10	<.011
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
10...	<.01	<.04	<.02	<.01	<.03	--	M	<.075	<2	<.5	<.5	<.10	<.011
APR													
14...	<.01	<.04	<.02	<.01	<.03	--	<1	E.016	--	<.5	E.4	<.10	<.011
MAY													
09...	<.01	<.04	<.02	<.01	<.03	--	--	E.011	--	--	--	<.10	<.011
31...	<.01	<.04	<.02	<.01	<.03	--	<1	<.022	--	<.5	E.2	<.10	<.011
JUN													
27...	<.01	<.04	<.02	<.01	<.03	<.007	--	<.022	--	--	--	<.10	<.011
JUL													
12...	<.01	<.04	<.02	<.01	<.03	<.007	<1	<.022	--	<.5	E.1	<.10	<.011
AUG													
05...	<.01	<.04	<.02	<.01	<.03	<.007	--	<.022	--	--	--	<.10	<.011

Date	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Picloram, water, fltrd 0.7u GF ug/L (49291)	Prometon, water, fltrd, ug/L (04037)	Prometryn, water, fltrd, ug/L (04036)	Propyzamide, water, fltrd 0.7u GF ug/L (82676)	Propachlor ESA, water, fltrd 0.7u GF ug/L (62766)	Propachlor OA, water, fltrd 0.7u GF ug/L (62767)	Propachlor, water, fltrd, ug/L (04024)	Propanil, water, fltrd 0.7u GF ug/L (82679)	Propargite, water, fltrd 0.7u GF ug/L (82685)	Propham water fltrd 0.7u GF ug/L (49236)	Propiconazole, water, fltrd, ug/L (50471)
OCT													
12...	<.05	<.008	<.03	.02	<.005	<.004	<.05	<.02	--	--	--	<.030	<.01
18...	--	--	--	<.5	--	--	--	--	--	--	--	--	--
DEC													
29...	<.05	<.008	<.03	.01	<.005	<.004	<.05	<.02	--	--	--	<.030	<.01
JAN													
28...	--	--	--	<.5	--	--	--	--	--	--	--	--	--
FEB													
02...	<.05	<.008	--	.01	<.005	<.004	<.05	<.02	--	--	--	<.030	<.01
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
10...	<.05	<.008	--	.03	<.005	<.004	<.05	<.02	<.02	--	--	<.030	<.01
APR													
14...	<.05	<.008	<.03	.02	<.005	<.004	<.05	<.02	<.02	--	--	<.030	<.01
MAY													
09...	<.05	<.008	<.03	.02	<.005	<.004	<.05	<.02	<.02	--	--	<.030	<.01
31...	--	--	<.03	.01	<.005	<.004	<.05	<.02	<.02	--	--	<.030	<.01
JUN													
27...	<.05	<.008	<.03	.01	<.005	<.006	<.05	<.02	<.02	<.011	<.02	<.030	<.01
JUL													
12...	--	--	<.03	.02	<.005	<.008	<.05	<.02	<.02	<.011	<.02	<.030	<.01
AUG													
05...	<.05	<.008	<.03	.03	<.010	<.010	<.05	<.02	<.02	<.011	<.02	<.030	<.01

0208755215 NEUSE RIVER ABOVE U.S. HIGHWAY 70 AT SMITHFIELD, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Propoxur, water, fltrd 0.7u GF ug/L (38538)	Pyrene, water, fltrd, ug/L (34470)	Siduron water, fltrd, ug/L (38548)	Simazine, water, fltrd, ug/L (04035)	Sulfometruron, water, fltrd, ug/L (50337)	Tebuthiuron water fltrd 0.7u GF ug/L (82670)	Tefluthrin, water, fltrd, ug/L (61606)	Terbacil, water, fltrd, ug/L (04032)	Terbufos oxon sulfone water, fltrd, ug/L (61674)	Terbufos, water, fltrd 0.7u GF ug/L (82675)	Terbuthylazine, water, fltrd, ug/L (04022)	tert-Amyl alcohol water unfltrd ug/L (77073)	tert-Butyl alcohol water unfltrd ug/L (77035)
OCT													
12...	E.004	<.5	<.02	.018	<.038	<.02	--	<.016	<.07	<.02	<.01	--	--
18...	--	<.5	--	--	--	--	--	--	--	--	--	--	--
DEC													
29...	<.008	<.5	<.02	.127	<.038	<.02	--	<.016	<.07	<.02	<.01	<1.0	<2.00
JAN													
28...	--	<.5	--	--	--	--	--	--	--	--	--	--	--
FEB													
02...	<.008	<.5	<.02	.491	<.038	<.02	--	<.016	<.07	<.02	E.01	<1.0	<2.00
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
10...	<.008	<.5	<.02	.739	<.038	<.02	--	<.016	<.07	<.02	<.01	<1.0	<2.00
APR													
14...	<.008	<.5	E.01	.290	<.038	<.02	--	<.016	<.07	<.02	<.01	<1.0	<2.00
MAY													
09...	<.008	--	E.01	.172	<.038	<.02	--	<.016	<.07	<.02	<.01	--	--
31...	<.008	<.5	<.02	.115	<.038	<.02	--	<.016	<.07	<.02	E.01	<1.0	<2.00
JUN													
27...	<.008	--	<.02	.105	<.038	<.02	<.008	<.016	<.07	<.02	M	--	--
JUL													
12...	<.008	M	E.01	.091	<.038	<.02	<.008	<.016	<.07	<.02	E.01	--	--
AUG													
05...	<.008	--	<.02	.058	<.038	<.02	<.008	<.016	<.07	<.02	<.01	--	--

Date	Tetrachloroethene, water, fltrd, ug/L (34476)	Thiobencarb water fltrd 0.7u GF ug/L (82681)	trans-Propiconazole, water, fltrd, ug/L (79847)	Tribromomethane water, fltrd, ug/L (34288)	Tribuphos, water, fltrd, ug/L (61610)	Tributyl phosphate, water, fltrd, ug/L (62089)	Triclopyr, water, fltrd 0.7u GF ug/L (49235)	Triclosan, water, fltrd, ug/L (62090)	Triethyl citrate water, fltrd, ug/L (62091)	Trifluralin, water, fltrd 0.7u GF ug/L (82661)	Triphenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxyethyl) phosphate, wat flt ug/L (62093)	Tris(2-chloroethyl) phosphate, wat flt ug/L (62087)
OCT													
12...	<.5	--	--	<.5	--	<.5	<.03	<1	<.5	<.009	<.5	<.5	E.2
18...	<.5	--	--	<.5	--	<.5	--	<1	<.5	--	<.5	<.5	<.5
DEC													
29...	<.5	--	--	<.5	--	<.5	<.03	<1	<.5	<.009	<.5	<.5	E.2
JAN													
28...	<.5	--	--	<.5	--	<.5	--	<1	<.5	--	<.5	<.5	E.3
FEB													
02...	E2.9	--	--	<.5	--	<.5	.09	<1	<.5	E.005	<.5	<.5	E.2
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
10...	M	--	--	<.5	--	E.1	.14	<1	M	E.005	M	<.5	E.1
APR													
14...	<.5	--	--	<.5	--	<.5	<.09	<1	<.5	<.009	<.5	<.5	M
MAY													
09...	--	--	--	--	--	--	.08	--	--	<.009	--	--	--
31...	M	--	--	<.5	--	M	<.03	<1	M	<.009	<.5	E.2	E.1
JUN													
27...	--	<.010	<.01	--	<.046	--	<.03	--	--	<.009	--	--	--
JUL													
12...	<.5	<.010	<.01	<.5	<.025	M	<.03	<1	M	<.009	M	E.2	E.1
AUG													
05...	--	<.010	<.01	--	<.020	--	<.03	--	--	<.009	--	--	--

0208755215 NEUSE RIVER ABOVE U.S. HIGHWAY 70 AT SMITHFIELD, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Tris(di chloro-i-Pr) phos-phate, wat flt ug/L (62088)	1,1,1,2 -Tetra-chloro-ethane, water, unfltrd ug/L (77562)	1,1,1- Tri-chloro-ethane, water, unfltrd ug/L (34506)	1,1,2,2 -Tetra-chloro-ethane, water, unfltrd ug/L (34516)	CFC-113 water unfltrd ug/L (77652)	1,1,2- Tri-chloro-ethane, water, unfltrd ug/L (34511)	1,1-Di-chloro-ethane, water unfltrd ug/L (34496)	1,1-Di-chloro-ethene, water, unfltrd ug/L (34501)	1,1-Di-chloro-propene water unfltrd ug/L (77168)	1,2,3,4 Tetra-methyl-benzene water unfltrd ug/L (49999)	1,2,3,5 Tetra-methyl-benzene water unfltrd ug/L (50000)	1,2,3- Tri-chloro-benzene water unfltrd ug/L (77613)	1,2,3- Tri-chloro-propane water unfltrd ug/L (77443)
OCT													
12...	<.5	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1	<.1	<.2	<.18
18...	<.5	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1	<.1	<.2	<.18
DEC													
29...	M	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1	<.1	<.2	<.18
JAN													
28...	<.5	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1	<.1	<.2	<.18
FEB													
02...	E.1	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1	<.1	<.2	<.18
17...	--	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1	<.1	<.2	<.18
MAR													
10...	E.1	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1	<.1	<.2	<.18
APR													
14...	<.5	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1	<.1	<.2	<.18
MAY													
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	E.1	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1	<.1	<.2	<.18
JUN													
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
12...	E.1	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1	<.1	<.2	<.18
AUG													
05...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	1,2,3- Tri-methyl-benzene water unfltrd ug/L (77221)	1,2,4- Tri-chloro-benzene water unfltrd ug/L (34551)	1,2,4- Tri-methyl-benzene water unfltrd ug/L (77222)	Dibromo chloro-propane water unfltrd ug/L (82625)	1,2-Di-bromo-ethane, water, unfltrd ug/L (77651)	1,2-Di-chloro-benzene water unfltrd ug/L (34536)	1,2-Di-chloro-ethane, water, unfltrd ug/L (32103)	1,2-Di-chloro-propane water unfltrd ug/L (34541)	1,3,5- Tri-methyl-benzene water unfltrd ug/L (77226)	1,3-Di-chloro-benzene water unfltrd ug/L (34566)	1,3-Di-chloro-propane water unfltrd ug/L (77173)	1,4-Di-chloro-benzene water unfltrd ug/L (34571)	2,2-Di-chloro-propane water unfltrd ug/L (77170)
OCT													
12...	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05
18...	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05
DEC													
29...	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05
JAN													
28...	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05
FEB													
02...	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05
17...	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05
MAR													
10...	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05
APR													
14...	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05
MAY													
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05
JUN													
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
12...	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05
AUG													
05...	--	--	--	--	--	--	--	--	--	--	--	--	--

0208755215 NEUSE RIVER ABOVE U.S. HIGHWAY 70 AT SMITHFIELD, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	2-Chloro-toluene water unfltrd ug/L (77275)	2-Ethyl-toluene water unfltrd ug/L (77220)	3-Chloro-propene water unfltrd ug/L (78109)	4-Chloro-toluene water unfltrd ug/L (77277)	4-Iso-propyl-toluene water unfltrd ug/L (77356)	Acetone water unfltrd ug/L (81552)	Acrylo-nitrile water unfltrd ug/L (34215)	Benzene water unfltrd ug/L (34030)	Bromo-benzene water unfltrd ug/L (81555)	Bromo-chloro-methane water unfltrd ug/L (77297)	Bromo-di-chloro-methane water unfltrd ug/L (32101)	Bromo-ethene, water, unfltrd ug/L (50002)	Bromo-methane water unfltrd ug/L (34413)
OCT													
12...	<.04	<.06	<.50	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1	<.3
18...	<.04	<.06	<.50	<.05	<.08	<6	<.8	<.02	<.03	<.12	E.03	<.1	<.3
DEC													
29...	<.04	<.06	<.50	<.05	<.08	<6	<.8	E.01	<.03	<.12	<.03	<.1	<.3
JAN													
28...	<.04	<.06	<.50	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1	<.3
FEB													
02...	<.04	<.06	<.50	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1	<.3
17...	<.04	<.06	<.50	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1	<.3
MAR													
10...	<.04	<.06	<.50	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1	<.3
APR													
14...	<.04	<.06	<.50	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1	<.3
MAY													
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	<.04	<.06	<.50	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1	<.3
JUN													
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
12...	<.04	<.06	<.50	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1	<.3
AUG													
05...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	Carbon di-sulfide water unfltrd ug/L (77041)	Chloro-benzene water unfltrd ug/L (34301)	Chloro-ethane, water, unfltrd ug/L (34311)	Chloro-methane water unfltrd ug/L (34418)	cis-1,2-Di-chloro-ethene, water, unfltrd ug/L (77093)	cis-1,3-Di-chloro-propene water unfltrd ug/L (34704)	Di-bromo-chloro-methane water unfltrd ug/L (32105)	Di-bromo-methane water unfltrd ug/L (30217)	Di-chloro-di-fluoro-methane wat unf ug/L (34668)	Di-chloro-methane water unfltrd ug/L (34423)	Di-ethyl ether, water, unfltrd ug/L (81576)	Diiso-propyl ether, water, unfltrd ug/L (81577)	Ethyl methac-rylate, water, unfltrd ug/L (73570)
OCT													
12...	<.04	<.03	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2
18...	<.04	<.03	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2
DEC													
29...	<.04	<.03	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2
JAN													
28...	<.04	<.03	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2
FEB													
02...	<.04	<.03	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2
17...	<.04	<.03	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2
MAR													
10...	<.04	<.03	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2
APR													
14...	<.04	<.03	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2
MAY													
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	<.04	<.03	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2
JUN													
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
12...	<.04	<.03	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2
AUG													
05...	--	--	--	--	--	--	--	--	--	--	--	--	--

0208755215 NEUSE RIVER ABOVE U.S. HIGHWAY 70 AT SMITHFIELD, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Ethyl methyl ketone, water, unfltrd ug/L (81595)	Ethyl-benzene water unfltrd ug/L (34371)	Hexa-chloro-buta-diene, water, unfltrd ug/L (39702)	Hexa-chloro-ethane, water, unfltrd ug/L (34396)	Iodo-methane water unfltrd ug/L (77424)	Iso-butyl methyl ketone, water, unfltrd ug/L (78133)	Iso-propyl-benzene water unfltrd ug/L (77223)	Methyl acrylo-nitrile water unfltrd ug/L (81593)	Methyl acryl-ate, water, unfltrd ug/L (49991)	Methyl methac-rylate, water, unfltrd ug/L (81597)	Methyl tert-pentyl ether, water, unfltrd ug/L (50005)	meta- + para-Xylene, water, unfltrd ug/L (85795)	Naphth-alene, water, unfltrd ug/L (34696)
OCT													
12...	<2.0	<.03	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5
18...	<2.0	<.03	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5
DEC													
29...	<2.0	<.03	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5
JAN													
28...	<2.0	<.03	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5
FEB													
02...	<2.0	<.03	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5
17...	<2.0	<.03	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5
MAR													
10...	<2.0	<.03	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5
APR													
14...	<2.0	<.03	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5
MAY													
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	<2.0	<.03	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5
JUN													
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
12...	<2.0	<.03	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5
AUG													
05...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	Methyl n-butyl ketone, water, unfltrd ug/L (77103)	n-Butyl benzene water unfltrd ug/L (77342)	n-propyl-benzene water unfltrd ug/L (77224)	o-Xylene, water, unfltrd ug/L (77135)	sec-Butyl-benzene water unfltrd ug/L (77350)	Styrene water unfltrd ug/L (77128)	t-Butyl ethyl ether, water, unfltrd ug/L (50004)	Methyl t-butyl ether, water, unfltrd ug/L (78032)	tert-Butyl-benzene water unfltrd ug/L (77353)	Tetra-chloro-ethene, water, unfltrd ug/L (34475)	Tetra-chloro-methane water unfltrd ug/L (32102)	Tetra-hydro-furan, water, unfltrd ug/L (81607)	Toluene water unfltrd ug/L (34010)
OCT													
12...	<.4	<.1	<.04	<.04	<.06	<.04	<.03	<.1	<.06	<.03	<.06	<1	<.02
18...	<.4	<.1	<.04	<.04	<.06	<.04	<.03	<.1	<.06	<.03	<.06	<1	<.02
DEC													
29...	<.4	<.1	<.04	<.04	<.06	<.04	<.03	E.1	<.06	<.03	<.06	<1	E.02
JAN													
28...	<.4	<.1	<.04	<.04	<.06	<.04	<.03	E.1	<.06	E.04	<.06	<1	E.01
FEB													
02...	<.4	<.1	<.04	<.04	<.06	<.04	<.03	E.1	<.06	E.02	<.06	<1	E.01
17...	<.4	<.1	<.04	<.04	<.06	<.04	<.03	E.1	<.06	<.03	<.06	<1	E.02
MAR													
10...	<.4	<.1	<.04	<.04	<.06	<.04	<.03	E.1	<.06	<.03	<.06	<1	<.02
APR													
14...	<.4	<.1	<.04	<.04	<.06	<.04	<.03	E.1	<.06	E.02	<.06	<1	<.02
MAY													
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	<.4	<.1	<.04	<.04	<.06	<.04	<.03	<.1	<.06	<.03	<.06	<1	<.02
JUN													
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
12...	<.4	<.1	<.04	<.04	<.06	<.04	<.03	<.1	<.06	<.03	<.06	<1	<.02
AUG													
05...	--	--	--	--	--	--	--	--	--	--	--	--	--

0208755215 NEUSE RIVER ABOVE U.S. HIGHWAY 70 AT SMITHFIELD, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	trans-1,2-Di-chloro-ethene, water, unfltrd ug/L (34546)	trans-1,3-Di-chloro-propene water unfltrd ug/L (34699)	trans-1,4-Di-chloro-2-butene, wat unf ug/L (73547)	Tri-bromo-methane water unfltrd ug/L (32104)	Tri-chloro-ethene, water, unfltrd ug/L (39180)	Tri-chloro-fluoro-methane water unfltrd ug/L (34488)	Tri-chloro-methane water unfltrd ug/L (32106)	Vinyl chlor-ide, water, unfltrd ug/L (39175)	Di-chlor-vos, water fltrd, ug/L (38775)
OCT									
12...	<.03	<.09	<.7	<.10	<.04	<.08	E.03	<.1	<.01
18...	<.03	<.09	<.7	<.10	<.04	<.08	E.07	<.1	--
DEC									
29...	<.03	<.09	<.7	<.10	<.04	<.08	E.03	<.1	<.01
JAN									
28...	<.03	<.09	<.7	<.10	<.04	<.08	E.04	<.1	--
FEB									
02...	<.03	<.09	<.7	<.10	<.04	<.08	E.04	<.1	<.01
17...	<.03	<.09	<.7	<.10	<.04	<.08	E.05	<.1	--
MAR									
10...	<.03	<.09	<.7	<.10	<.04	<.08	E.04	<.1	<.01
APR									
14...	<.03	<.09	<.7	<.10	<.04	<.08	E.04	<.1	<.01
MAY									
09...	--	--	--	--	--	--	--	--	<.01
31...	<.03	<.09	<.7	<.10	<.04	<.08	E.03	<.1	<.01
JUN									
27...	--	--	--	--	--	--	--	--	<.01
JUL									
12...	<.03	<.09	<.7	<.10	<.04	<.08	E.03	<.1	<.01
AUG									
05...	--	--	--	--	--	--	--	--	<.01

Remark codes used in this table:
< -- Less than.
E -- Estimated.
M -- Presence verified but not quantified.

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

02087570 NEUSE RIVER AT SMITHFIELD, NC

LOCATION.--Lat 35°30'45", long 78°20'58", Johnston County, Hydrologic Unit 03020201, on left bank 10 ft downstream from bridge on U.S. Highway 70, at Smithfield, 2.1 mi upstream from Swift Creek, and 178 mi upstream from mouth.

DRAINAGE AREA.--1,206 mi^2.

PERIOD OF RECORD.--October 1959 to September 1990, October 1998 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 99.26 ft above NGVD of 1929. Prior to Dec. 21, 1971, nonrecording gage on upstream side of bridge near center of span at same datum. U.S. Army Corps of Engineers satellite telemetry at station.

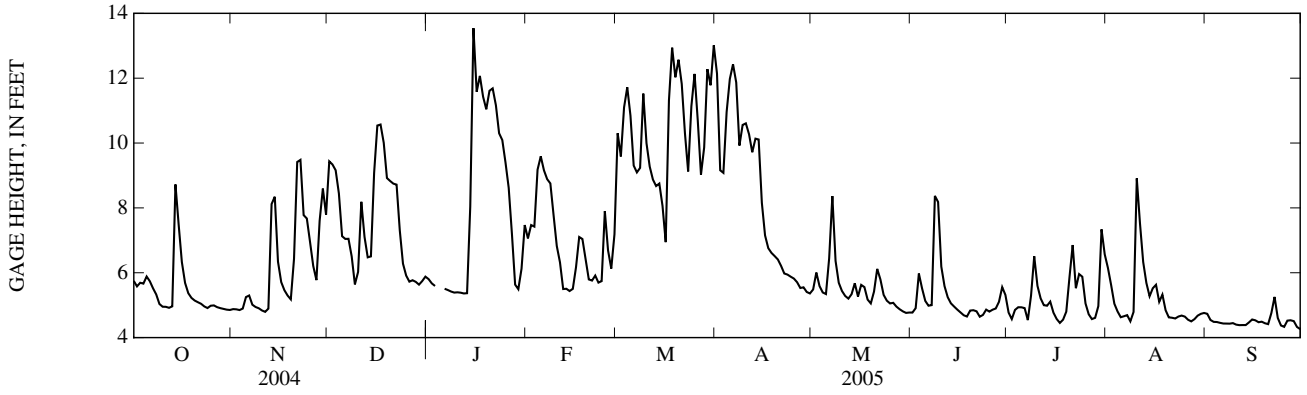
REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 26.72 ft, Sept. 18, 1999; minimum gage height not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 14.07 ft, Jan. 15; minimum gage height, 4.22 ft, Sept. 30.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.75	4.88	9.43	5.80	7.06	10.30	12.14	5.48	4.77	4.77	6.15	4.73
2	5.58	4.87	9.34	5.67	7.47	9.59	9.16	6.01	4.91	4.57	5.62	4.54
3	5.69	4.85	9.16	5.59	7.42	11.10	9.08	5.59	5.98	4.85	5.04	4.49
4	5.66	4.90	8.44	---	9.18	11.72	10.96	5.39	5.52	4.94	4.81	4.48
5	5.88	5.25	7.13	---	9.59	10.84	11.97	5.34	5.13	4.93	4.63	4.46
6	5.74	5.30	7.04	5.51	9.16	9.31	12.43	6.45	4.98	4.91	4.66	4.43
7	5.52	5.01	7.05	5.47	8.89	9.09	11.87	8.36	5.00	4.54	4.69	4.43
8	5.33	4.94	6.50	5.42	8.75	9.23	9.92	6.37	8.37	5.29	4.50	4.43
9	5.04	4.90	5.64	5.39	7.77	11.52	10.56	5.69	8.18	6.51	4.79	4.45
10	4.95	4.84	6.02	5.40	6.82	9.99	10.61	5.44	6.19	5.60	8.91	4.40
11	4.95	4.79	8.19	5.38	6.32	9.27	10.27	5.28	5.59	5.21	7.52	4.38
12	4.92	4.89	7.11	5.36	5.50	8.87	9.72	5.20	5.25	5.00	6.33	4.39
13	4.96	8.12	6.48	5.37	5.51	8.67	10.14	5.34	5.06	4.98	5.68	4.39
14	8.72	8.34	6.50	8.04	5.44	8.75	10.11	5.68	4.96	5.11	5.28	4.47
15	7.49	6.34	9.08	13.54	5.50	8.06	8.16	5.27	4.86	4.77	5.52	4.56
16	6.33	5.71	10.54	11.58	6.17	6.94	7.15	5.63	4.78	4.57	5.63	4.53
17	5.69	5.46	10.57	12.07	7.10	11.32	6.76	5.56	4.69	4.45	5.10	4.47
18	5.37	5.30	10.01	11.43	7.04	12.94	6.61	5.17	4.65	4.55	5.33	4.49
19	5.22	5.18	8.92	11.04	6.42	12.03	6.51	5.05	4.83	4.80	4.84	4.44
20	5.14	6.43	8.83	11.61	5.79	12.57	6.41	5.42	4.84	5.86	4.62	4.41
21	5.09	9.41	8.75	11.68	5.76	11.82	6.21	6.12	4.81	6.85	4.61	4.76
22	5.04	9.48	8.72	11.16	5.91	10.30	5.98	5.79	4.64	5.52	4.59	5.25
23	4.96	7.78	7.31	10.30	5.70	9.12	5.94	5.32	4.70	5.96	4.65	4.61
24	4.91	7.67	6.28	10.09	5.74	11.13	5.88	5.14	4.86	5.88	4.68	4.37
25	4.98	6.95	5.91	9.40	7.90	12.13	5.82	5.05	4.80	5.05	4.65	4.33
26	4.99	6.21	5.73	8.62	6.69	10.69	5.71	5.07	4.86	4.72	4.55	4.52
27	4.94	5.77	5.77	7.20	6.13	9.02	5.53	4.96	4.90	4.57	4.50	4.53
28	4.91	7.60	5.72	5.63	7.18	9.87	5.55	4.87	5.10	4.61	4.57	4.51
29	4.88	8.60	5.63	5.49	---	12.28	5.41	4.81	5.56	4.97	4.68	4.33
30	4.86	7.79	5.74	6.12	---	11.78	5.36	4.76	5.32	7.34	4.73	4.26
31	4.85	---	5.88	7.47	---	13.01	---	4.77	---	6.57	4.76	---
TOTAL	168.34	187.56	233.42	232.83	193.91	323.26	247.93	170.38	158.09	162.25	160.62	134.84
MEAN	5.43	6.25	7.53	8.03	6.93	10.43	8.26	5.50	5.27	5.23	5.18	4.49
MAX	8.72	9.48	10.57	13.54	9.59	13.01	12.43	8.36	8.37	7.34	8.91	5.25
MIN	4.85	4.79	5.63	5.36	5.44	6.94	5.36	4.76	4.64	4.45	4.50	4.26



353112078205802 TOWN OF SMITHFIELD, NC

LOCATION.--Lat 35°31'12", long 78°20'58", Johnston County, Hydrologic Unit 03020201, town of Smithfield.

DRAINAGE AREA.--Not applicable.

PERIOD OF RECORD.--Water years 2004 to current year.

REMARKS.--Station operated as part of NAWQA program from June 2004 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Medium code	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of sat-uration (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	1,4-Di-chloro-benzene water, fltrd, ug/L (34572)	1-Methyl-naphth-alene, water, fltrd, ug/L (62054)	1-Naph-thol, water, fltrd 0.7u GF ug/L (49295)	2,4-D methyl ester, water, fltrd, ug/L (50470)	2,4-D water, fltrd, ug/L (39732)
OCT													
14...	1400	$	749	7.6	87	7.7	267	21.3	<.5	<.5	<.09	<.016	<.04
21...	1200	$	750	8.2	92	8.0	252	20.2	M	<.5	--	--	--
JAN													
03...	1230	$	770	10.6	88	7.9	292	7.7	<.5	<.5	<.09	<.016	<.04
FEB													
02...	1115	$	769	12.2	97	8.4	245	5.8	<.5	<.5	--	--	--
07...	1115	$	768	12.1	97	8.4	235	6.4	<.5	<.5	<.09	<.016	.05
22...	1115	$	764	10.5	93	6.7	236	10.2	--	--	--	--	--
MAR													
15...	1100	$	765	11.5	103	7.2	180	10.6	<.5	<.5	<.09	<.016	.09
APR													
20...	1030	$	759	9.7	101	8.5	201	16.9	<.5	<.5	<.09	<.016	.11
MAY													
12...	1100	$	760	8.8	98	8.5	244	20.7	--	--	<.09	<.016	.11
JUN													
03...	1130	$	759	6.7	78	8.6	281	22.4	<.5	<.5	<.09	<.016	E.03
JUL													
01...	1045	$	754	7.5	96	7.8	285	27.5	--	--	<.09	<.016	<.04
15...	1000	$	759	5.9	77	8.3	275	28.7	M	<.5	<.09	<.016	<.04
AUG													
08...	1230	$	--	7.7	--	8.2	276	29.5	--	--	<.09	<.016	<.04

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	2,4-DB water, fltrd 0.7u GF ug/L (38746)	2,6-Di-ethyl-aniline water fltrd 0.7u GF ug/L (82660)	2,6-Di-methyl-naphth-alene, water, fltrd, ug/L (62055)	2-[(2-Ethyl-6methyl phenyl) amino]2 oxoESA ug/L (62850)	2Chloro -2',6-' diethyl acet-anilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	Ala-chlor 2nd amide, water, fltrd, ug/L (63781)	Aceto-chlor 3rd amide, water, fltrd, ug/L (63782)	2-Ethyl -6-methyl-aniline water, fltrd, ug/L (61620)	OIET, water, fltrd, ug/L (50355)	2-Methyl-naphth-alene, water, fltrd, ug/L (62056)	3,4-Di-chloro-aniline water fltrd, ug/L (61625)
OCT													
14...	<.02	<.006	<.5	<.02	<.005	<.006	<.08	<.02	<.02	<.004	<.032	<.5	<.004
21...	--	--	<.5	--	--	--	--	--	--	--	--	<.5	--
JAN													
03...	<.02	<.006	<.5	<.02	<.005	<.006	<.08	<.02	<.02	<.004	<.032	<.5	<.004
FEB													
02...	--	--	<.5	--	--	--	--	--	--	--	--	<.5	--
07...	<.02	<.006	<.5	<.02	<.005	<.006	E.02	<.02	<.02	<.004	E.017	<.5	<.004
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
15...	<.02	<.006	<.5	<.02	<.005	<.007	E.03	<.02	<.02	<.004	E.012	<.5	<.004
APR													
20...	<.02	<.006	<.5	<.02	<.005	E.007	E.03	<.02	<.02	<.004	<.032	<.5	<.004
MAY													
12...	<.02	<.006	--	<.02	<.005	E.005	E.01	<.02	<.02	<.004	<.032	--	--
JUN													
03...	<.02	<.006	<.5	<.02	<.005	<.006	E.01	<.02	<.02	<.004	<.032	<.5	<.004
JUL													
01...	<.02	<.006	--	<.02	<.005	E.006	<.08	<.02	<.02	<.004	<.032	--	<.004
15...	<.02	<.006	<.5	<.02	<.005	E.005	<.08	<.02	<.02	<.004	<.032	M	<.004
AUG													
08...	<.02	<.006	--	<.02	<.005	E.005	E.01	<.02	<.02	<.004	E.010	--	<.004

353112078205802 TOWN OF SMITHFIELD, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	3,5-Dichloroaniline water, fltrd, ug/L (61627)	3-beta-Coprostanol, water, fltrd, ug/L (62057)	3-Hydroxycarbofuran, wat flt 0.7u GF ug/L (49308)	3-Ketocarbofuran, water, fltrd, ug/L (50295)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	3-tert-Butyl-4-hydroxyanisole wat flt ug/L (62059)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	4-Cumylphenol, water, fltrd, ug/L (62060)	4-Octylphenol, water, fltrd, ug/L (62061)	4-Nonylphenol, water, fltrd, ug/L (62085)	4-tert-Octylphenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzotriazole, wat flt ug/L (62063)	9,10-Anthraquinone water, fltrd, ug/L (62066)
OCT													
14...	--	<2	<.008	<.02	<1	<5	<.006	<1	<1	<5	<1	<2	<.5
21...	--	M	--	--	<1	<5	--	<1	<1	E2	<1	<2	<.5
JAN													
03...	--	<2	<.008	<.02	<1	<5	<.006	<1	<1	M	<1	<2	<.5
FEB													
02...	--	<2	--	--	<1	<5	--	<1	<1	E2	<1	<2	<.5
07...	--	<2	<.008	<.02	<1	<5	<.006	<1	<1	E2	<1	<2	<.5
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
15...	--	<2	<.008	<.02	<1	<5	<.006	<1	<1	E3	<1	<2	<.5
APR													
20...	--	M	<.008	<.02	<1	<5	<.006	<1	<1	E2	<1	<2	<.5
MAY													
12...	--	--	<.008	<.02	--	--	<.006	--	--	--	--	--	--
JUN													
03...	<.004	<2	<.008	<.02	<1	<5	<.006	<1	<1	E2	<1	<2	<.5
JUL													
01...	<.004	--	<.008	<.25	--	--	<.006	--	--	--	--	--	--
15...	<.004	<2	<.008	<.02	<1	<5	<.006	<1	M	E4	<1	<2	<.5
AUG													
08...	<.004	--	<.008	<.02	--	--	<.006	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Acetochlor ESA, water, fltrd 0.7u GF ug/L (61029)	Acetochlor OA, water, fltrd 0.7u GF ug/L (61030)	Acetochlor SAA, water, fltrd, ug/L (62847)	Acetochlor, water, fltrd, ug/L (49260)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Acifluorfen, water, fltrd 0.7u GF ug/L (49315)	Alachlor ESA SA, water, fltrd, ug/L (62849)	Alachlor ESA, water, fltrd 0.7u GF ug/L (50009)	Alachlor OA, water, fltrd 0.7u GF ug/L (61031)	Alachlor SAA, water, fltrd, ug/L (62848)	Alachlor, water, fltrd, ug/L (46342)	Aldicarb sulfone water, fltrd 0.7u GF ug/L (49313)
OCT													
14...	<.02	<.02	<.02	<.006	<.5	E.1	<.028	<.02	<.02	<.02	<.02	<.005	<.02
21...	--	--	--	--	<.5	E.1	--	--	--	--	--	--	--
JAN													
03...	<.02	<.02	<.02	<.006	E.1	E.1	<.028	<.02	<.02	<.02	<.02	<.005	<.02
FEB													
02...	--	--	--	--	<.5	E.1	--	--	--	--	--	--	--
07...	<.02	<.02	<.02	<.006	<.5	E.1	<.028	<.02	<.02	<.02	<.02	<.005	<.02
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
15...	<.02	<.02	<.02	<.02	<.5	E.1	<.028	<.02	.02	<.02	<.02	<.02	<.02
APR													
20...	<.02	<.02	<.02	<.02	<.5	E.1	<.028	<.02	<.02	<.02	<.02	<.02	<.02
MAY													
12...	<.02	<.02	<.02	<.02	--	--	<.028	<.02	<.02	<.02	<.02	<.02	<.02
JUN													
03...	<.02	<.02	<.02	<.006	E.1	E.1	<.028	<.02	<.02	<.02	<.02	<.005	<.02
JUL													
01...	<.02	<.02	<.02	<.02	--	--	<.028	<.02	<.02	<.02	<.02	<.02	<.02
15...	<.02	<.02	<.02	<.02	<.5	E.3	<.028	<.02	<.02	<.02	<.02	<.02	<.02
AUG													
08...	<.02	<.02	<.02	<.006	--	--	<.028	<.02	<.02	<.02	<.02	<.005	<.02

353112078205802 TOWN OF SMITHFIELD, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Aldicarb sulfoxide, wat flt 0.7u GF ug/L (49314)	Aldicarb, water, fltrd 0.7u GF ug/L (49312)	alpha-Endosulfan, water, fltrd, ug/L (34362)	Anthracene, water, fltrd, ug/L (34221)	Atrazine, water, fltrd, ug/L (39632)	Azinphosmethyl oxon, water, fltrd, ug/L (61635)	Azinphosmethyl, water, fltrd 0.7u GF ug/L (82686)	Bendiocarb, water, fltrd, ug/L (50299)	Benfluralin, water, fltrd 0.7u GF ug/L (82673)	Benomyl water, fltrd, ug/L (50300)	Bensulfuron, water, fltrd, ug/L (61693)	Bentazon, water, fltrd 0.7u GF ug/L (38711)	Benzo[a]pyrene, water, fltrd, ug/L (34248)
OCT													
14...	<.022	<.04	--	<.5	.012	<.07	<.050	<.02	<.010	<.022	<.02	E.01	<.5
21...	--	--	--	<.5	--	--	--	--	--	--	--	--	<.5
JAN													
03...	<.022	<.04	--	<.5	.008	<.07	<.050	<.02	<.010	<.022	<.02	<.01	<.5
FEB													
02...	--	--	--	<.5	--	--	--	--	--	--	--	--	<.5
07...	<.022	<.04	--	<.5	.009	<.07	<.050	<.02	<.010	<.022	<.02	<.01	<.5
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
15...	<.022	<.04	--	<.5	.009	<.07	<.050	<.02	<.010	<.022	<.02	<.01	<.5
APR													
20...	<.022	<.04	--	<.5	.014	<.07	<.050	<.02	<.010	<.022	<.02	<.01	<.5
MAY													
12...	<.022	<.04	--	--	.013	<.07	<.050	<.02	<.010	<.022	<.02	E.01	--
JUN													
03...	<.022	<.04	<.005	<.5	.011	<.07	<.050	<.02	<.010	<.022	<.02	<.01	<.5
JUL													
01...	<.022	<.04	<.005	--	E.008	<.07	<.050	<.02	<.010	<.022	<.02	<.01	--
15...	<.022	<.04	<.005	<.5	.009	<.07	<.050	E.02	<.010	<.022	<.02	E.01	E.3
AUG													
08...	<.022	<.04	<.005	--	.008	<.07	<.050	<.02	<.010	<.022	<.02	<.01	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Benzophenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmastanol, water, fltrd, ug/L (62086)	Bisphenol A, water, fltrd, ug/L (62069)	Bromacil, water, fltrd, ug/L (04029)	Bromoxynil, water, fltrd 0.7u GF ug/L (49311)	Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7u GF ug/L (49310)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Carbofuran, water, fltrd 0.7u GF ug/L (49309)	Carbofuran, water, fltrd 0.7u GF ug/L (82674)
OCT													
14...	<.5	<2	<2	<1	<.02	<.03	.037	<.5	<.02	<.041	<.5	<.016	--
21...	E.1	<2	<2	M	<.5	--	E.1	<.5	--	<1	<.5	--	--
JAN													
03...	M	<2	<2	M	<.02	<.03	.028	<.5	<.02	<.041	<.5	<.016	--
FEB													
02...	M	<2	<2	M	<.5	--	M	<.5	--	<1	<.5	--	--
07...	E.1	<2	<2	M	<.02	<.03	.029	<.5	<.02	<.041	<.5	<.016	--
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
15...	E.1	<2	<2	<1	<.02	<.03	.025	<.5	<.02	<.041	<.5	<.016	--
APR													
20...	E.1	M	M	<1	<.02	<.03	.019	<.5	<.02	E.009	<.5	<.016	--
MAY													
12...	--	--	--	--	<.02	<.03	E.022	--	<.02	<.041	--	<.016	--
JUN													
03...	E.1	<2	<2	<1	<.02	<.03	<.018	<.5	<.02	<.041	<.5	<.016	<.020
JUL													
01...	--	--	--	--	<.02	<.03	<.018	--	<.02	<.041	--	<.016	<.020
15...	E.1	<2	E2	<1	<.02	<.03	.070	<.5	<.02	E.006	<.5	<.016	<.020
AUG													
08...	--	--	--	--	<.02	<.03	<.018	--	<.02	<.041	--	<.016	<.020

353112078205802 TOWN OF SMITHFIELD, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Chlor-amben methyl ester, water, fltrd, ug/L (61188)	Chlori-muron, water, fltrd, ug/L (50306)	Chloro-di-amino-s-tri-azine, wat flt ug/L (04039)	Chloro-thalo-nil, water, fltrd 0.7u GF ug/L (49306)	Chlor-pyrifos oxon, water, fltrd, ug/L (61636)	Chlor-pyrifos water, fltrd, ug/L (38933)	Choles-terol, water, fltrd, ug/L (62072)	cis-Per-methrin water fltrd 0.7u GF ug/L (82687)	cis-Propi-cona-zole, water, fltrd, ug/L (79846)	Clopyr-alid, water, fltrd 0.7u GF ug/L (49305)	Cot-inine, water, fltrd, ug/L (62005)	Cyana-zine, water, fltrd, ug/L (04041)	Cyclo-ate, water, fltrd, ug/L (04031)
OCT													
14...	<.02	<.032	<.04	<.04	<.06	<.005	<2	<.006	--	<.02	<1.00	--	<.01
21...	--	--	--	--	--	<.5	M	--	--	--	<1.00	--	--
JAN													
03...	<.02	<.032	<.04	--	<.06	<.005	<2	<.006	--	<.02	E.018	--	<.01
FEB													
02...	--	--	--	--	--	<.5	<2	--	--	--	<1.00	--	--
07...	<.02	<.032	<.04	<.04	<.06	<.005	M	<.006	--	<.03	<1.00	--	<.01
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
15...	<.02	<.032	<.04	<.04	<.06	<.005	<2	<.006	--	<.02	<1.00	--	<.01
APR													
20...	<.02	<.032	<.04	<.04	<.06	<.005	M	<.006	--	<.02	<1.00	--	<.01
MAY													
12...	<.02	<.032	<.04	<.04	<.06	<.005	--	<.006	--	<.02	--	--	<.01
JUN													
03...	<.02	<.032	<.04	<.04	<.06	<.005	<2	<.006	<.008	<.02	<1.00	<.018	<.01
JUL													
01...	<.02	<.032	<.04	<.04	<.06	<.005	--	<.006	<.008	<.02	--	<.018	<.01
15...	<.02	<.032	<.04	<.04	<.06	<.005	<2	<.006	<.008	<.02	<1.00	<.018	<.01
AUG													
08...	<.02	<.032	<.02	<.04	<.06	<.005	--	<.006	<.008	<.02	--	<.018	<.01

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Cyflu-thrin, water, fltrd, ug/L (61585)	lambda-Cyhalo-thrin, water, fltrd, ug/L (61595)	Cyper-methrin water, fltrd, ug/L (61586)	Dacthal mono-acid, water, fltrd 0.7u GF ug/L (49304)	DCPA, water fltrd 0.7u GF ug/L (82682)	De-chloro-aceto-chlor, water, fltrd, ug/L (63778)	De-chloro-ala-chlor, water, fltrd, ug/L (63777)	De-chloro-dimeth-enamid, water, fltrd, ug/L (63779)	De-chloro-metola-chlor, water, fltrd, ug/L (63780)	DEET, water, fltrd, ug/L (62082)	Desulf-inyl fipro-nil, water, fltrd, ug/L (62170)	Diaz-inon oxon, water, fltrd, ug/L (61638)	Diazi-non, water, fltrd, ug/L (39572)
OCT													
14...	<.008	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	<.5	E.007	<.01	<.005
21...	--	--	--	--	--	--	--	--	--	E.1	--	--	<.5
JAN													
03...	<.008	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	M	<.012	<.01	<.005
FEB													
02...	--	--	--	--	--	--	--	--	--	E.1	--	--	<.5
07...	<.008	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	M	<.012	<.01	<.005
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
15...	<.027	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	E.1	<.012	<.01	<.005
APR													
20...	<.027	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	<.5	E.005	<.01	<.005
MAY													
12...	<.027	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	--	E.004	<.01	<.005
JUN													
03...	<.027	<.009	<.009	<.03	<.003	<.02	<.02	<.02	<.02	M	E.004	--	<.005
JUL													
01...	<.027	<.009	<.009	<.03	<.003	<.02	<.02	<.02	<.02	--	E.005	--	<.005
15...	<.027	<.009	<.009	<.03	<.003	<.02	<.02	<.02	<.02	E.1	E.004	--	<.005
AUG													
08...	<.027	<.009	<.009	<.03	<.003	<.02	<.02	<.02	<.02	--	E.005	--	<.005

353112078205802 TOWN OF SMITHFIELD, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Dicamba water fltrd 0.7u GF ug/L (38442)	Dichlorprop, water, fltrd 0.7u GF ug/L (49302)	Dicrotophos, water fltrd, ug/L (38454)	Dieldrin, water, fltrd, ug/L (39381)	Diethoxynonylphenol, water, fltrd, ug/L (62083)	Diethoxyoctylphenol, water, fltrd ug/L (61705)	Dimethenamid ESA, water, fltrd, ug/L (61951)	Dimethenamid OA, water, fltrd, ug/L (62482)	Dimethenamid water, fltrd, ug/L (61588)	Dimethoate, water, fltrd 0.7u GF ug/L (82662)	Dinoseb water, fltrd 0.7u GF ug/L (49301)	Diphenamid, water, fltrd, ug/L (04033)	Disulfoton sulfone water, fltrd, ug/L (61640)
OCT													
14...	<.04	<.03	<.08	<.009	<5	<1	<.02	<.02	<.02	<.006	<.04	<.01	--
21...	--	--	--	--	E1	<1	--	--	--	--	--	--	--
JAN													
03...	<.04	<.03	<.08	<.009	<5	<1	<.02	<.02	<.02	<.006	<.04	<.01	--
FEB													
02...	--	--	--	--	E2	<1	--	--	--	--	--	--	--
07...	<.04	<.03	<.08	<.009	<5	<1	<.02	<.02	<.02	<.006	<.04	<.01	--
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
15...	<.04	<.03	<.08	<.009	<5	<1	<.02	<.02	<.02	<.006	<.04	<.01	--
APR													
20...	<.04	<.03	<.08	<.009	<5	<1	<.02	<.02	<.02	<.006	<.04	<.01	--
MAY													
12...	<.04	<.03	<.08	<.009	--	--	<.02	<.02	<.02	<.006	<.04	<.01	--
JUN													
03...	<.04	<.03	<.08	<.009	<5	<1	<.02	<.02	<.02	<.006	<.04	<.01	<.01
JUL													
01...	<.04	<.03	<.08	<.009	--	--	<.02	<.02	<.02	<.006	<.04	<.01	<.01
15...	<.04	<.03	<.08	<.009	E6	M	<.02	<.02	<.02	<.006	E.01	<.01	<.01
AUG													
08...	<.04	<.03	<.08	<.009	--	--	<.02	<.02	<.02	<.006	<.04	<.01	<.01

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Disulfoton, water, fltrd 0.7u GF ug/L (82677)	Diuron, water, fltrd 0.7u GF ug/L (49300)	D-Limonene, water, fltrd, ug/L (62073)	Endosulfan sulfate water, fltrd, ug/L (61590)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Ethoprop, water, fltrd 0.7u GF ug/L (82672)	Ethoxyoctylphenol, water, fltrd ug/L (61706)	Fenamiphos sulfone water, fltrd, ug/L (61645)	Fenamiphos sulfoxide, water, fltrd, ug/L (61646)	Fenamiphos, water, fltrd, ug/L (61591)	Fenuron water, fltrd 0.7u GF ug/L (49297)
OCT													
14...	--	E.01	<.5	--	--	<.0020	<.004	--	<1	<.049	<.04	<.03	<.02
21...	--	--	<.5	--	--	--	--	--	<1	--	--	--	--
JAN													
03...	--	<.01	<.5	--	--	<.0020	<.004	--	<1	<.049	<.04	<.03	<.02
FEB													
02...	--	--	<.5	--	--	--	--	--	<1	--	--	--	--
07...	--	<.01	<.5	--	--	<.0020	<.004	--	<1	<.049	<.04	<.03	<.02
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
15...	--	<.01	<.5	--	--	<.0020	<.004	--	<1	<.049	<.04	<.03	<.02
APR													
20...	--	<.01	<.5	--	--	<.0020	<.004	--	<1	<.049	<.04	<.03	<.02
MAY													
12...	--	.01	--	--	--	<.0020	<.004	--	--	<.049	<.04	<.03	<.02
JUN													
03...	<.02	<.01	<.5	<.014	<.004	<.002	<.004	<.005	<1	<.049	<.04	<.03	<.02
JUL													
01...	<.02	<.01	--	<.014	<.004	<.002	<.004	<.005	--	<.049	<.04	<.03	<.02
15...	<.02	<.01	E.1	<.014	<.004	<.002	<.004	<.005	M	<.049	<.04	<.03	<.02
AUG													
08...	<.02	E.01	--	<.014	<.004	<.002	<.004	<.005	--	<.049	<.04	<.03	<.03

353112078205802 TOWN OF SMITHFIELD, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Desulfinyl-fipronil amide, wat flt ug/L (62169)	Fipronil sulfide water, fltrd, ug/L (62167)	Fipronil sulfone water, fltrd, ug/L (62168)	Fipronil, water, fltrd, ug/L (62166)	Flufenacet ESA, water, fltrd, ug/L (61952)	Flufenacet OA, water, fltrd, ug/L (62483)	Flufenacet, water, fltrd, ug/L (62481)	Flumetsulam, water, fltrd, ug/L (61694)	Fluometuron water fltrd 0.7u GF ug/L (38811)	Fluoranthene water, fltrd, ug/L (34377)	Fonofos oxon, water, fltrd, ug/L (61649)	Fonofos water, fltrd, ug/L (04095)	HHCB, water, fltrd, ug/L (62075)
OCT													
14...	<.029	E.007	<.024	<.016	<.02	<.02	<.02	<.04	<.02	<.5	<.003	<.003	<.5
21...	--	--	--	--	--	--	--	--	--	<.5	--	--	M
JAN													
03...	<.029	<.013	<.024	<.016	<.02	<.02	<.02	<.04	<.02	<.5	<.003	<.003	M
FEB													
02...	--	--	--	--	--	--	--	--	--	<.5	--	--	<.5
07...	<.029	<.013	<.024	<.016	<.02	<.02	<.02	<.04	E.01	<.5	<.003	<.003	<.5
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
15...	<.029	<.013	<.024	<.016	<.02	<.02	<.02	<.04	M	<.5	--	<.003	M
APR													
20...	<.029	E.006	<.024	<.016	<.02	<.02	<.02	<.04	<.02	<.5	--	<.003	<.5
MAY													
12...	<.029	E.005	<.024	<.016	<.02	<.02	<.02	<.04	M	--	--	<.003	--
JUN													
03...	E.006	<.013	<.024	<.016	<.02	<.02	<.02	<.04	<.02	<.5	--	<.003	M
JUL													
01...	E.006	E.006	<.024	<.016	<.02	<.02	<.02	<.04	<.02	--	--	<.003	--
15...	E.004	E.005	<.024	<.016	<.02	<.02	<.02	<.04	<.02	M	--	<.003	E.3
AUG													
08...	E.006	E.006	<.024	<.016	<.02	<.02	<.02	E.05	<.02	--	--	<.003	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Hexazinone, water, fltrd, ug/L (04025)	Hydroxyacetochlor, water, fltrd, ug/L (63784)	Hydroxyalachlor, water, fltrd, ug/L (63783)	Hydroxydimethenamid, water, fltrd, ug/L (64045)	Hydroxymetolachlor, water, fltrd, ug/L (63785)	Imazaquin, water, fltrd, ug/L (50356)	Imazethapyr, water, fltrd, ug/L (50407)	Imidacloprid water, fltrd, ug/L (61695)	Indole, water, fltrd, ug/L (62076)	Iprodione, water, fltrd, ug/L (61593)	Isoborneol, water, fltrd, ug/L (62077)	Isofenphos, water, fltrd, ug/L (61594)	Isophorone water, fltrd, ug/L (34409)
OCT													
14...	<.013	<.02	<.02	<.02	<.02	<.04	<.04	<.020	<.5	<.387	<.5	<.003	<.5
21...	--	--	--	--	--	--	--	--	<.5	--	<.5	--	M
JAN													
03...	<.013	<.02	<.02	<.02	<.02	<.04	<.04	<.020	<.5	<.387	<.5	<.003	<.5
FEB													
02...	--	--	--	--	--	--	--	--	<.5	--	<.5	--	<.5
07...	<.013	<.02	<.02	<.02	<.02	<.05	<.04	<.021	<.5	<.387	<.5	<.003	<.5
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
15...	<.013	<.02	<.02	<.02	<.02	<.04	<.04	<.020	<.5	<.538	<.5	<.003	M
APR													
20...	<.013	<.02	<.02	<.02	<.02	<.04	<.04	<.020	<.5	<.538	<.5	<.003	<.5
MAY													
12...	.021	<.02	<.02	<.02	<.02	<.04	<.04	<.020	--	<.538	--	<.003	--
JUN													
03...	E.008	<.02	<.02	<.02	<.02	<.04	<.04	<.020	<.5	<.538	<.5	<.003	M
JUL													
01...	<.013	<.02	<.02	<.02	<.02	<.04	<.04	<.020	--	<.538	--	<.003	--
15...	<.013	<.02	<.02	<.02	<.02	<.04	<.04	<.020	<.5	<.538	<.5	<.003	<.5
AUG													
08...	<.013	<.02	<.02	<.02	<.02	<.04	<.04	<.020	--	<.538	--	<.003	--

353112078205802 TOWN OF SMITHFIELD, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Isopropylbenzene water, fltrd, ug/L (62078)	Isoquinoline, water, fltrd, ug/L (62079)	Linuron water fltrd 0.7u GF ug/L (38478)	Malaoxon, water, fltrd, ug/L (61652)	Malathion, water, fltrd, ug/L (39532)	MCPA, water, fltrd 0.7u GF ug/L (38482)	MCPB, water, fltrd 0.7u GF ug/L (38487)	Menthol water, fltrd, ug/L (62080)	Metalaxyl, water, fltrd, ug/L (50359)	Metalaxyl, water, fltrd, ug/L (61596)	Methialthion water, fltrd, ug/L (61598)	Methiocarb, water, fltrd 0.7u GF ug/L (38501)	Methomyl, water, fltrd 0.7u GF ug/L (49296)
OCT													
14...	<.5	<.5	<.01	<.030	<.027	<.03	<.01	<.5	M	<.100	<.006	<.010	<.020
21...	<.5	<.5	--	--	--	--	--	M	<.5	--	--	--	--
JAN													
03...	M	<.5	<.01	<.030	<.027	<.03	<.01	<.5	<.01	<.005	<.006	<.010	<.020
FEB													
02...	M	<.5	--	--	--	--	--	<.5	<.5	--	--	--	--
07...	M	<.5	<.01	<.030	<.027	E.03	<.01	<.5	<.01	<.005	<.006	<.010	<.020
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
15...	<.5	<.5	<.01	<.030	<.027	E.07	<.01	<.5	<.01	<.005	<.006	<.010	<.020
APR													
20...	<.5	<.5	<.01	<.030	<.027	E.02	<.01	<.5	<.01	<.005	<.006	<.010	<.020
MAY													
12...	--	--	<.01	<.030	<.027	<.03	<.01	--	<.01	<.005	<.006	<.010	<.020
JUN													
03...	M	<.5	<.01	<.030	<.027	<.03	<.01	<.5	<.01	<.005	<.006	<.010	<.020
JUL													
01...	--	--	<.01	E.010	<.027	<.03	<.01	--	<.01	<.030	<.006	<.010	<.020
15...	E.1	<.5	<.01	<.030	<.027	<.03	<.01	<.5	<.01	<.005	<.006	<.010	<.020
AUG													
08...	--	--	<.01	<.030	<.027	<.03	<.01	--	E.01	<.025	<.006	<.010	<.020

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Methyl acetate water unfltrd ug/L (77032)	Methyl paraoxon, water, fltrd, ug/L (61664)	Methyl parathion, water, fltrd 0.7u GF ug/L (82667)	Methyl salicylate, water, fltrd, ug/L (62081)	Metolachlor ESA, water, fltrd 0.7u GF ug/L (61043)	Metolachlor OA, water, fltrd 0.7u GF ug/L (61044)	Metolachlor, water, fltrd, ug/L (39415)	Metribuzin, water, fltrd, ug/L (82630)	Metsulfuron, water, fltrd, ug/L (61697)	Molinate, water, fltrd 0.7u GF ug/L (82671)	Myclobutanil water, fltrd, ug/L (61599)	N-(4-Chlorophenyl)-N'-methylurea, ug/L (61692)	Naphthalene, water, fltrd, ug/L (34443)
OCT													
14...	--	<.03	<.015	<.5	.03	.02	E.007	<.006	<.03	--	<.008	<.04	<.5
21...	--	--	--	M	--	--	M	--	--	--	--	--	<.5
JAN													
03...	<1.0	<.03	<.015	<.5	<.02	<.02	<.010	<.006	<.03	--	<.008	<.04	E.3
FEB													
02...	--	--	--	M	--	--	<.5	--	--	--	--	--	E.1
07...	<1.0	<.03	<.015	M	.02	<.02	<.006	<.006	<.03	--	<.008	<.04	E.2
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
15...	<1.0	<.03	<.015	<.5	.05	<.02	<.02	<.006	<.03	--	<.008	<.04	E.1
APR													
20...	<1.0	<.03	<.015	<.5	<.02	<.02	<.02	<.006	<.03	--	<.008	<.04	E.3
MAY													
12...	--	<.03	<.015	--	<.02	<.02	<.02	<.006	<.03	--	<.008	<.04	--
JUN													
03...	<1.0	<.03	<.015	<.5	<.02	<.02	.014	<.006	<.03	<.003	<.060	<.04	E.1
JUL													
01...	--	<.03	<.015	--	<.02	.03	.02	<.006	<.03	<.003	E.007	<.04	--
15...	--	<.03	<.015	<.5	.02	.02	.02	<.006	<.03	<.003	<.008	<.04	E.2
AUG													
08...	--	<.03	<.015	--	<.02	<.02	E.005	<.006	<.03	<.003	E.008	<.04	--

353112078205802 TOWN OF SMITHFIELD, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Neburon water, fltrd 0.7u GF ug/L (49294)	Nicosulfuron, water, fltrd, ug/L (50364)	Norflurazon, water, fltrd 0.7u GF ug/L (49293)	Oryzalin, water, fltrd 0.7u GF ug/L (49292)	Oxamyl, water, fltrd 0.7u GF ug/L (38866)	Oxyfluorfen, water, fltrd, ug/L (61600)	p-Cresol, water, fltrd, ug/L (62084)	Pendimethalin, water, fltrd 0.7u GF ug/L (82683)	Pentachlorophenol, water, fltrd, ug/L (34459)	Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water fltrd 0.7u GF ug/L (82664)
OCT													
14...	<.01	<.04	<.02	<.01	<.03	--	<1	<.022	<2	<.5	<.5	<.10	<.011
21...	--	--	--	--	--	--	<1	--	<2	<.5	E.1	--	--
JAN													
03...	<.01	<.04	<.02	<.01	<.03	--	<1	<.022	<2	<.5	<.5	<.10	<.011
FEB													
02...	--	--	--	--	--	--	<1	--	<2	M	<.5	--	--
07...	<.01	<.04	<.02	<.01	<.03	--	<1	<.022	<2	<.5	E.1	<.10	<.011
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
15...	<.01	<.04	<.02	<.01	<.03	--	M	<.022	<2	<.5	E.3	<.10	<.011
APR													
20...	<.01	<.04	<.02	<.01	<.03	--	<1	<.022	--	<.5	E.1	<.10	<.011
MAY													
12...	<.01	<.04	<.02	<.01	<.03	--	--	<.022	--	--	--	<.10	<.011
JUN													
03...	<.01	<.04	<.02	<.01	<.03	<.007	<1	<.022	<2	<.5	E.3	<.10	<.011
JUL													
01...	<.01	<.04	<.02	<.01	<.03	<.007	--	<.022	--	--	--	<.10	<.011
15...	<.01	<.04	<.02	<.01	<.03	<.007	M	<.022	<2	<.5	3.8	<.10	<.011
AUG													
08...	<.01	<.04	<.02	<.01	<.03	<.007	--	<.022	--	--	--	<.10	<.011

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Picloram, water, fltrd 0.7u GF ug/L (49291)	Prometon, water, fltrd, ug/L (04037)	Prometryn, water, fltrd, ug/L (04036)	Propyzamide, water, fltrd 0.7u GF ug/L (82676)	Propachlor ESA, water, fltrd 0.7u GF ug/L (62766)	Propachlor OA, water, fltrd 0.7u GF ug/L (62767)	Propachlor, water, fltrd, ug/L (04024)	Propanil, water, fltrd 0.7u GF ug/L (82679)	Propargite, water, fltrd 0.7u GF ug/L (82685)	Propham water fltrd 0.7u GF ug/L (49236)	Propiconazole, water, fltrd, ug/L (50471)
OCT													
14...	<.05	<.008	<.03	.02	<.005	<.004	<.05	<.02	--	--	--	<.030	<.01
21...	--	--	--	M	--	--	--	--	--	--	--	--	--
JAN													
03...	<.05	<.008	<.03	<.01	<.005	<.004	<.05	<.02	--	--	--	<.030	<.01
FEB													
02...	--	--	--	<.5	--	--	--	--	--	--	--	--	--
07...	<.05	<.008	<.03	.01	<.005	<.004	<.05	<.02	--	--	--	<.030	<.01
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
15...	<.05	<.008	<.03	<.01	<.005	<.004	<.05	<.02	<.02	--	--	<.030	<.01
APR													
20...	--	<.008	<.03	.01	<.005	<.004	<.05	<.02	<.02	--	--	<.030	<.01
MAY													
12...	<.05	<.008	<.03	.01	<.005	<.004	<.05	<.02	<.02	--	--	<.030	<.01
JUN													
03...	--	--	<.03	<.01	<.005	<.004	<.05	<.02	<.02	<.011	<.02	<.030	<.01
JUL													
01...	--	--	<.03	.01	<.005	E.006	<.05	<.02	<.02	<.011	<.02	<.030	<.01
15...	<.05	<.008	<.03	.01	<.005	<.004	<.05	<.02	<.02	<.011	<.02	<.030	<.01
AUG													
08...	--	--	<.03	<.01	<.005	<.004	<.05	<.02	<.02	<.011	<.02	<.030	<.01

353112078205802 TOWN OF SMITHFIELD, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Propoxur, water, fltrd 0.7u GF ug/L (38538)	Pyrene, water, fltrd, ug/L (34470)	Siduron water, fltrd, ug/L (38548)	Simazine, water, fltrd, ug/L (04035)	Sulfometruron, water, fltrd, ug/L (50337)	Tebuthiuron water fltrd 0.7u GF ug/L (82670)	Tefluthrin, water, fltrd, ug/L (61606)	Terbacil, water, fltrd, ug/L (04032)	Terbufos oxon sulfone water, fltrd, ug/L (61674)	Terbufos, water, fltrd 0.7u GF ug/L (82675)	Terbuthylazine, water, fltrd, ug/L (04022)	tert-Amyl alcohol water unfltrd ug/L (77073)	tert-Butyl alcohol water unfltrd ug/L (77035)
OCT													
14...	<.008	<.5	<.02	.017	<.038	<.02	--	<.016	<.06	<.02	<.01	--	--
21...	--	<.5	--	--	--	--	--	--	--	--	--	--	--
JAN													
03...	<.008	<.5	<.02	.069	<.038	<.02	--	<.016	<.07	<.02	<.01	<1.0	<2.00
FEB													
02...	--	<.5	--	--	--	--	--	--	--	--	--	--	--
07...	<.008	<.5	<.02	.324	<.038	<.02	--	<.016	<.07	<.02	<.01	<1.0	<2.00
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
15...	<.008	<.5	<.02	.457	<.038	<.02	--	<.016	<.07	<.02	<.01	<1.0	<2.00
APR													
20...	<.008	<.5	<.02	.183	<.038	<.02	--	<.016	<.07	<.02	<.01	<1.0	<2.00
MAY													
12...	<.008	--	<.02	.101	<.038	<.02	--	<.016	<.07	<.02	<.01	--	--
JUN													
03...	<.008	<.5	<.02	.070	<.038	<.02	<.008	<.016	<.07	<.02	<.01	<1.0	<2.00
JUL													
01...	<.008	--	<.02	.060	<.038	<.02	<.008	<.016	<.07	<.02	E.01	--	--
15...	<.008	M	<.02	.055	<.038	<.02	<.008	<.016	<.07	<.02	<.01	--	--
AUG													
08...	<.008	--	<.02	.041	<.038	<.02	<.008	<.016	<.07	<.02	M	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Tetrachloroethene, water, fltrd, ug/L (34476)	Thiobencarb water fltrd 0.7u GF ug/L (82681)	trans-Propiconazole, water, fltrd, ug/L (79847)	Tribromomethane water, fltrd, ug/L (34288)	Tribuphos, water, fltrd, ug/L (61610)	Tributyl phosphate, water, fltrd, ug/L (62089)	Triclopyr, water, fltrd 0.7u GF ug/L (49235)	Triclosan, water, fltrd, ug/L (62090)	Triethyl citrate water, fltrd, ug/L (62091)	Trifluralin, water, fltrd 0.7u GF ug/L (82661)	Triphenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxyethyl) phosphate, wat flt ug/L (62093)	Tris(2-chloroethyl) phosphate, wat flt ug/L (62087)
OCT													
14...	<.5	--	--	E.3	--	<.5	<.03	<1	<.5	<.009	<.5	<.5	E.1
21...	M	--	--	E.2	--	M	--	<1	<.5	--	<.5	<.5	E.1
JAN													
03...	<.5	--	--	E.1	--	M	<.03	<1	M	<.009	M	E.1	E.2
FEB													
02...	<.5	--	--	E.1	--	M	--	<1	<.5	--	<.5	<.5	E.2
07...	<.5	--	--	E.1	--	M	E.07	<1	<.5	<.009	<.5	<.5	E.2
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
15...	M	--	--	E.1	--	M	<.12	<1	M	<.009	<.5	E.2	E.2
APR													
20...	<.5	--	--	E.1	--	<.5	.07	<1	<.5	<.009	<.5	<.5	<.5
MAY													
12...	--	--	--	--	--	--	<.03	--	--	<.009	--	--	--
JUN													
03...	M	<.010	<.01	E.3	<.004	M	<.03	<1	M	<.009	<.5	<.5	E.1
JUL													
01...	--	<.010	<.01	--	<.030	--	<.03	--	--	<.009	--	--	--
15...	<.5	<.010	<.01	E.2	<.004	E.3	<.03	M	<.5	<.009	E.2	E.5	<.5
AUG													
08...	--	<.010	<.01	--	<.004	--	<.03	--	--	<.009	--	--	--

353112078205802 TOWN OF SMITHFIELD, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Tris(di chloro-i-Pr) phos-phate, wat flt ug/L (62088)	1,1,1,2 -Tetra-chloro-ethane, water, unfltrd ug/L (77562)	1,1,1- Tri-chloro-ethane, water, unfltrd ug/L (34506)	1,1,2,2 -Tetra-chloro-ethane, water, unfltrd ug/L (34516)	CFC-113 water unfltrd ug/L (77652)	1,1,2- Tri-chloro-ethane, water, unfltrd ug/L (34511)	1,1-Di-chloro-ethane, water unfltrd ug/L (34496)	1,1-Di-chloro-ethene, water, unfltrd ug/L (34501)	1,1-Di-chloro-propene water unfltrd ug/L (77168)	1,2,3,4 Tetra-methyl-benzene water unfltrd ug/L (49999)	1,2,3,5 Tetra-methyl-benzene water unfltrd ug/L (50000)	1,2,3- Tri-chloro-benzene water unfltrd ug/L (77613)	1,2,3- Tri-chloro-propane water unfltrd ug/L (77443)
OCT													
14...	<.5	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1	<.1	<.2	<.18
21...	E.1	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1	<.1	<.2	<.18
JAN													
03...	E.1	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	E.1	E.1	<.2	<.18
FEB													
02...	M	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1	M	<.2	<.18
07...	<.5	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1	M	<.2	<.18
22...	--	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1	E.1	<.2	<.18
MAR													
15...	E.1	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1	<.1	<.2	<.18
APR													
20...	<.5	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	E.1	.1	<.2	<.18
MAY													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
03...	E.1	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1	E.1	<.2	<.18
JUL													
01...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	5.5	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1	E.1	<.2	<.18
AUG													
08...	--	--	--	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	1,2,3- Tri-methyl-benzene water unfltrd ug/L (77221)	1,2,4- Tri-chloro-benzene water unfltrd ug/L (34551)	1,2,4- Tri-methyl-benzene water unfltrd ug/L (77222)	Dibromo chloro-propane water unfltrd ug/L (82625)	1,2-Di-bromo-ethane, water, unfltrd ug/L (77651)	1,2-Di-chloro-benzene water unfltrd ug/L (34536)	1,2-Di-chloro-ethane, water, unfltrd ug/L (32103)	1,2-Di-chloro-propane water unfltrd ug/L (34541)	1,3,5- Tri-methyl-benzene water unfltrd ug/L (77226)	1,3-Di-chloro-benzene water unfltrd ug/L (34566)	1,3-Di-chloro-propane water unfltrd ug/L (77173)	1,4-Di-chloro-benzene water unfltrd ug/L (34571)	2,2-Di-chloro-propane water unfltrd ug/L (77170)
OCT													
14...	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05
21...	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05
JAN													
03...	E.1	<.1	E.04	<.5	<.04	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05
FEB													
02...	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05
07...	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05
22...	M	<.1	<.06	<.5	<.04	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05
MAR													
15...	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05
APR													
20...	M	<.1	<.06	<.5	<.04	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05
MAY													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
03...	M	<.1	<.06	<.5	<.04	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05
JUL													
01...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05
AUG													
08...	--	--	--	--	--	--	--	--	--	--	--	--	--

353112078205802 TOWN OF SMITHFIELD, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	2-Chloro-toluene water unfltrd ug/L (77275)	2-Ethyl-toluene water unfltrd ug/L (77220)	3-Chloro-propene water unfltrd ug/L (78109)	4-Chloro-toluene water unfltrd ug/L (77277)	4-Iso-propyl-toluene water unfltrd ug/L (77356)	Acetone water unfltrd ug/L (81552)	Acrylo-nitrile water unfltrd ug/L (34215)	Benzene water unfltrd ug/L (34030)	Bromo-benzene water unfltrd ug/L (81555)	Bromo-chloro-methane water unfltrd ug/L (77297)	Bromo-di-chloro-methane water unfltrd ug/L (32101)	Bromo-ethene, water, unfltrd ug/L (50002)	Bromo-methane water unfltrd ug/L (34413)
OCT													
14...	<.04	<.06	<.50	<.05	<.08	<6	<.8	<.02	<.03	<.12	16.1	<.1	<.3
21...	<.04	<.06	<.50	<.05	<.08	E2	<.8	<.02	<.03	<.12	13.3	<.1	<.3
JAN													
03...	<.04	<.06	<.50	<.05	<.08	<6	<.8	<.02	<.03	<.12	8.99	<.1	<.3
FEB													
02...	<.04	<.06	<.50	<.05	<.08	E1	<.8	<.02	<.03	<.12	8.73	<.1	<.3
07...	<.04	<.06	<.50	<.05	<.08	E2	<.8	<.02	<.03	<.12	9.76	<.1	<.3
22...	<.04	<.06	<.50	<.05	<.08	<6	<.8	<.02	<.03	<.12	13.4	<.1	<.3
MAR													
15...	<.04	<.06	<.50	<.05	<.08	<6	<.8	<.02	<.03	<.12	10.5	<.1	<.3
APR													
20...	<.04	<.06	<.50	<.05	<.08	E2	<.8	<.02	<.03	<.12	11.9	<.1	<.3
MAY													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
03...	<.04	<.06	<.50	<.05	<.08	<6	<.8	<.02	<.03	<.12	14.4	<.1	<.3
JUL													
01...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	<.04	<.06	<.50	<.05	<.08	E3	<.8	<.02	<.03	<.12	24.0	<.1	<.3
AUG													
08...	--	--	--	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Carbon di-sulfide water unfltrd ug/L (77041)	Chloro-benzene water unfltrd ug/L (34301)	Chloro-ethane, water, unfltrd ug/L (34311)	Chloro-methane water unfltrd ug/L (34418)	cis-1,2-Di-chloro-ethene, water, unfltrd ug/L (77093)	cis-1,3-Di-chloro-propene water unfltrd ug/L (34704)	Di-bromo-chloro-methane water unfltrd ug/L (32105)	Di-bromo-methane water unfltrd ug/L (30217)	Di-chloro-di-fluoro-methane wat unf ug/L (34668)	Di-chloro-methane water unfltrd ug/L (34423)	Di-ethyl ether, water, unfltrd ug/L (81576)	Diiso-propyl ether, water, unfltrd ug/L (81577)	Ethyl methac-rylate, water, unfltrd ug/L (73570)
OCT													
14...	<.04	<.03	<.1	<.2	<.02	<.05	5.4	<.05	<.18	<.1	<.1	<.10	<.2
21...	<.04	<.03	<.1	<.2	<.02	<.05	4.0	<.05	<.18	<.1	<.1	<.10	<.2
JAN													
03...	<.04	<.03	<.1	<.2	<.02	<.05	2.8	<.05	<.18	<.1	<.1	<.10	<.2
FEB													
02...	<.04	<.03	<.1	<.2	<.02	<.05	2.3	<.05	<.18	<.1	<.1	<.10	<.2
07...	<.04	<.03	<.1	<.2	<.02	<.05	2.7	<.05	<.18	<.1	<.1	<.10	<.2
22...	<.04	<.03	<.1	<.2	<.02	<.05	2.2	<.05	<.18	<.1	<.1	<.10	<.2
MAR													
15...	<.04	<.03	<.1	<.2	<.02	<.05	2.1	<.05	<.18	<.1	<.1	<.10	<.2
APR													
20...	<.04	<.03	<.1	<.2	<.02	<.05	2.8	<.05	<.18	<.1	<.1	<.10	<.2
MAY													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
03...	<.04	<.03	<.1	<.2	<.02	<.05	7.6	<.05	<.18	<.1	<.1	<.10	<.2
JUL													
01...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	<.04	<.03	<.1	M	<.02	<.05	6.1	<.05	<.18	<.1	<.1	<.10	<.2
AUG													
08...	--	--	--	--	--	--	--	--	--	--	--	--	--

353112078205802 TOWN OF SMITHFIELD, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Ethyl methyl ketone, water, unfltrd ug/L (81595)	Ethyl-benzene water unfltrd ug/L (34371)	Hexa-chloro-buta-diene, water, unfltrd ug/L (39702)	Hexa-chloro-ethane, water, unfltrd ug/L (34396)	Iodo-methane water unfltrd ug/L (77424)	Iso-butyl methyl ketone, water, unfltrd ug/L (78133)	Iso-propyl-benzene water unfltrd ug/L (77223)	Methyl acrylo-nitrile water unfltrd ug/L (81593)	Methyl acryl-ate, water, unfltrd ug/L (49991)	Methyl methac-rylate, water, unfltrd ug/L (81597)	Methyl tert-pentyl ether, water, unfltrd ug/L (50005)	meta- + para-Xylene, water, unfltrd ug/L (85795)	Naphth-alene, water, unfltrd ug/L (34696)
OCT													
14...	<2.0	<.03	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	E.03	<.5
21...	<2.0	<.03	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5
JAN													
03...	<2.0	2.09	<.1	<.1	<.50	<.4	E.04	<.4	<1.0	<.2	<.04	8.65	E.4
FEB													
02...	<2.0	.61	<.1	M	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	2.77	<.5
07...	<2.0	.72	<.1	<.1	<.50	<.4	E.01	<.4	<1.0	<.2	<.04	2.88	<.5
22...	<2.0	.96	<.1	<.1	<.50	<.4	E.02	<.4	<1.0	<.2	<.04	4.19	<.5
MAR													
15...	<2.0	.51	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	2.20	<.5
APR													
20...	<2.0	.87	<.1	<.1	<.50	<.4	E.02	<.4	<1.0	<.2	<.04	3.74	E.2
MAY													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
03...	<2.0	.72	<.1	<.1	<.50	<.4	E.02	<.4	<1.0	<.2	<.04	2.89	<.5
JUL													
01...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	<2.0	.42	<.1	<.1	<.50	<.4	E.02	<.4	<1.0	<.2	<.04	2.39	<.5
AUG													
08...	--	--	--	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Methyl n-butyl ketone, water, unfltrd ug/L (77103)	n-Butyl benzene water unfltrd ug/L (77342)	n-propyl-benzene water unfltrd ug/L (77224)	o-Xylene, water, unfltrd ug/L (77135)	sec-Butyl-benzene water unfltrd ug/L (77350)	Styrene water unfltrd ug/L (77128)	t-Butyl ethyl ether, water, unfltrd ug/L (50004)	Methyl t-butyl ether, water, unfltrd ug/L (78032)	tert-Butyl-benzene water unfltrd ug/L (77353)	Tetra-chloro-ethene, water, unfltrd ug/L (34475)	Tetra-chloro-methane water unfltrd ug/L (32102)	Tetra-hydro-furan, water, unfltrd ug/L (81607)	Toluene water unfltrd ug/L (34010)
OCT													
14...	<.4	<.1	<.04	<.04	<.06	<.04	<.03	<.1	<.06	<.03	E.03	<1	<.02
21...	<.4	<.1	<.04	<.04	<.06	<.04	<.03	<.1	<.06	<.03	E.05	<1	<.02
JAN													
03...	<.4	<.1	<.04	7.39	<.06	<.04	<.03	<.1	<.06	<.03	E.06	<1	E.09
FEB													
02...	<.4	<.1	<.04	2.27	<.06	<.04	<.03	M	<.06	E.01	.36	<1	E.03
07...	<.4	<.1	<.04	2.55	<.06	<.09	<.03	E.1	<.06	<.03	E.02	<1	E.03
22...	<.4	M	<.04	3.72	<.06	<.04	<.03	<.1	<.06	<.03	.11	<1	E.04
MAR													
15...	<.4	<.1	<.04	1.98	<.06	<.04	<.03	<.1	<.06	<.03	<.06	<1	E.02
APR													
20...	<.4	<.1	<.04	4.13	<.06	<.04	<.03	E.1	<.06	<.03	.22	<1	E.03
MAY													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
03...	<.4	<.1	<.04	3.77	<.06	<.04	<.03	<.1	<.06	<.03	.19	<1	E.02
JUL													
01...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	<.4	<.1	<.04	2.84	<.06	<.16	<.03	<.1	<.06	E.01	<.06	<1	E.01
AUG													
08...	--	--	--	--	--	--	--	--	--	--	--	--	--

353112078205802 TOWN OF SMITHFIELD, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	trans-1,2-Di-chloro-ethene, water, unfltrd ug/L (34546)	trans-1,3-Di-chloro-propene water unfltrd ug/L (34699)	trans-1,4-Di-chloro-2-butene, wat unf ug/L (73547)	Tri-bromo-methane water unfltrd ug/L (32104)	Tri-chloro-ethene, water, unfltrd ug/L (39180)	Tri-chloro-fluoro-methane water unfltrd ug/L (34488)	Tri-chloro-methane water unfltrd ug/L (32106)	Vinyl chlor-ide, water, unfltrd ug/L (39175)	Di-chlor-vos, water fltrd, ug/L (38775)
OCT									
14...	<.03	<.09	<.7	.35	<.04	<.08	19.3	<.1	<.01
21...	<.03	<.09	<.7	.22	<.04	<.08	17.3	<.1	--
JAN									
03...	<.03	<.09	<.7	.13	<.04	<.08	10.7	<.1	<.01
FEB									
02...	<.03	<.09	<.7	.13	<.04	<.08	11.7	<.1	<1.00
07...	<.03	<.09	<.7	.11	<.04	<.08	13.4	<.1	<.01
22...	<.03	<.09	<.7	.10	<.04	<.08	25.8	<.1	--
MAR									
15...	<.03	<.09	<.7	E.10	<.04	<.08	19.0	<.1	<.01
APR									
20...	<.03	<.09	<.7	E.10	<.04	<.08	19.6	<.1	<.01
MAY									
12...	--	--	--	--	--	--	--	--	<.01
JUN									
03...	<.03	<.09	<.7	.43	<.04	<.08	21.1	<.1	<.01
JUL									
01...	--	--	--	--	--	--	--	--	<.01
15...	<.03	<.09	<.7	.35	<.04	<.08	43.5	<.1	<.01
AUG									
08...	--	--	--	--	--	--	--	--	<.01

Remark codes used in this table:
< -- Less than.
E -- Estimated.
M -- Presence verified but not quantified.

02087580 SWIFT CREEK NEAR APEX, NC

LOCATION.--Lat 35°43'08", long 78°45'08", Wake County, Hydrologic Unit 03020201, on right bank at downstream side of bridge on Secondary Road 1152, 2.8 mi downstream from Williams Creek, and 6 mi east of Apex.

DRAINAGE AREA.--21.0 mi^2

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--Occasional discharge measurements, water years 1953-69. March 2002 to current year.
REVISED RECORDS.--WDR NC-03-1A: 2002.

GAGE.--Water-stage recorder. Datum of gage is 306.22 ft above NGVD of 1929. Satellite telemetry at station.

REMARKS.--Records fair except those for period of poor gage-height record, May 16 to Sept. 30, and those for estimated daily discharges, which are poor. No flow occurred several days in Aug. 2002. No flow occurred part of each day July 19 and Sept. 10-14.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.7	2.1	9.8	3.8	12	54	25	35	1.7	1.4	7.9	0.99
2	7.2	1.8	7.2	3.9	10	24	48	15	24	0.63	2.6	0.82
3	7.2	2.1	5.0	4.3	61	18	43	7.1	16	0.42	1.3	1.1
4	4.8	10	4.6	4.5	49	15	22	4.0	10	0.77	1.7	0.79
5	3.6	14	4.1	4.8	20	14	19	3.3	6.2	2.3	0.89	0.41
6	2.5	4.4	3.8	5.3	15	12	17	47	3.5	3.2	0.41	0.62
7	1.7	2.2	6.9	4.9	13	11	17	19	62	1.3	0.42	0.31
8	1.8	2.1	6.7	3.9	12	166	36	10	108	62	0.26	0.24
9	1.4	1.9	12	3.8	12	49	92	5.7	17	8.8	336	0.15
10	1.7	1.2	107	3.1	14	24	30	3.5	30	2.5	48	0.09
11	1.7	0.99	27	3.0	10	20	22	2.9	18	0.97	19	0.06
12	1.3	46	13	3.1	7.3	18	19	69	8.9	0.68	11	0.09
13	20	112	9.5	4.0	7.1	16	186	91	6.2	0.50	5.8	0.06
14	26	14	7.4	312	10	53	e84	19	4.8	0.31	3.2	1.8
15	16	6.9	5.2	45	16	24	e32	12	4.4	0.32	3.4	4.5
16	10	5.4	3.0	19	13	114	e16	10	2.9	0.23	2.1	0.13
17	4.2	4.4	3.3	14	14	241	e12	6.8	2.3	0.13	5.0	0.11
18	2.3	3.4	3.4	9.4	9.8	63	e10	4.7	1.8	0.06	2.9	0.09
19	2.1	3.1	4.7	6.9	6.4	30	e9.1	3.6	1.6	0.03	1.5	0.19
20	2.9	2.7	8.3	8.3	6.3	23	e8.6	32	e1.6	110	21	11
21	2.9	2.6	2.7	10	13	19	e7.4	54	e2.7	11	30	103
22	2.2	2.1	2.5	9.1	13	14	e6.4	13	e2.0	11	10	12
23	1.9	58	13	15	9.9	71	6.1	8.7	e1.5	47	12	3.9
24	1.8	37	16	5.4	107	32	5.5	7.7	0.92	9.5	6.9	1.2
25	2.1	14	7.7	4.6	40	18	3.3	5.6	0.36	3.7	2.5	1.2
26	2.2	6.5	9.5	5.9	19	15	3.3	3.2	0.20	1.9	1.1	0.74
27	2.0	4.1	9.5	7.2	15	14	3.8	2.3	1.8	1.1	0.97	0.63
28	1.9	107	5.8	4.4	189	65	3.2	2.1	7.1	0.88	0.71	0.74
29	1.8	19	5.1	3.3	---	42	4.2	1.9	9.8	107	0.52	0.41
30	2.1	11	5.6	70	---	24	8.2	2.0	2.5	23	0.87	0.39
31	2.3	---	5.0	22	---	23	---	1.8	---	17	1.6	---
TOTAL	150.3	501.99	334.3	623.9	723.8	1,326	799.1	502.9	359.78	429.63	541.55	147.76
MEAN	4.85	16.7	10.8	20.1	25.9	42.8	26.6	16.2	12.0	13.9	17.5	4.93
MAX	26	112	107	312	189	241	186	91	108	110	336	103
MIN	1.3	0.99	2.5	3.0	6.3	11	3.2	1.8	0.20	0.03	0.26	0.06
CFSM	0.23	0.80	0.51	0.96	1.23	2.04	1.27	0.77	0.57	0.66	0.83	0.23
IN.	0.27	0.89	0.59	1.11	1.28	2.35	1.42	0.89	0.64	0.76	0.96	0.26

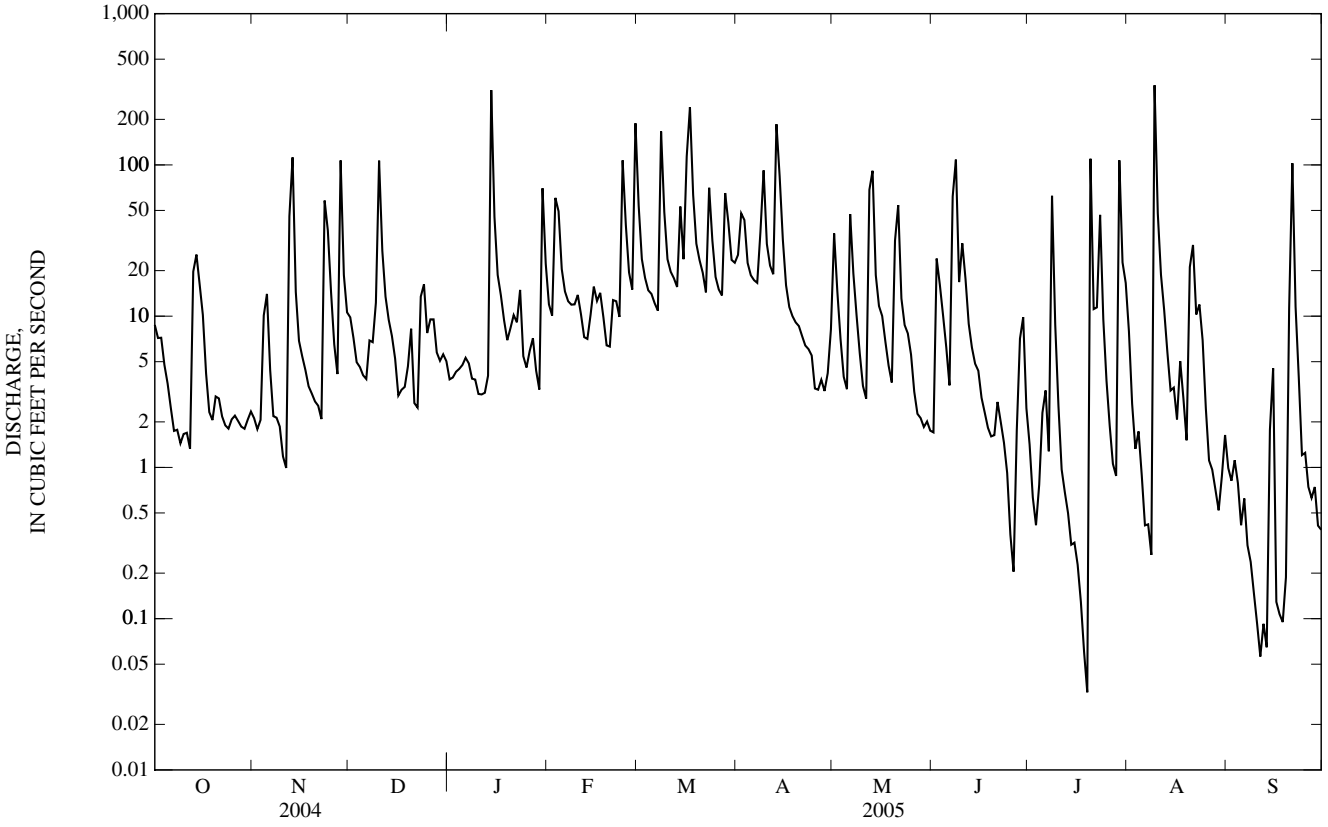
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2005, BY WATER YEAR (WY)

MEAN	24.1	21.4	27.0	15.4	42.7	40.3	33.0	14.5	14.7	13.1	46.1	22.9
MAX	56.8	36.1	45.2	20.1	67.6	68.8	64.0	20.6	36.2	24.4	80.0	53.4
(WY)	(2003)	(2003)	(2003)	(2005)	(2003)	(2003)	(2003)	(2004)	(2003)	(2003)	(2004)	(2004)
MIN	4.85	11.3	10.8	11.4	25.9	22.4	14.7	1.73	1.70	5.97	17.5	4.93
(WY)	(2005)	(2004)	(2005)	(2004)	(2005)	(2002)	(2004)	(2002)	(2002)	(2002)	(2005)	(2005)

02087580 SWIFT CREEK NEAR APEX, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2002 - 2005	
ANNUAL TOTAL	8,879.65		6,441.01			
ANNUAL MEAN	24.3		17.6		28.8	
HIGHEST ANNUAL MEAN					43.3	2003
LOWEST ANNUAL MEAN					17.6	2005
HIGHEST DAILY MEAN	816	Aug 14	336	Aug 9	914	Aug 8, 2003
LOWEST DAILY MEAN	0.54	Jul 10	0.03	Jul 19	0.00	Aug 3, 2002
ANNUAL SEVEN-DAY MINIMUM	1.0	Jul 5	0.14	Sep 7	0.00	Aug 3, 2002
MAXIMUM PEAK FLOW			1,180	Aug 9	2,720	Oct 11, 2002
MAXIMUM PEAK STAGE			9.59	Aug 9	11.71	Oct 11, 2002
INSTANTANEOUS LOW FLOW			0.00*	Jul 18	0.00*	Aug 3, 2002
ANNUAL RUNOFF (CFSM)	1.16		0.840		1.37	
ANNUAL RUNOFF (INCHES)	15.73		11.41		18.64	
10 PERCENT EXCEEDS	49		46		62	
50 PERCENT EXCEEDS	11		6.2		10	
90 PERCENT EXCEEDS	2.0		0.78		1.5	

* See REMARKS.
e Estimated.



02087580 SWIFT CREEK NEAR APEX, NC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 2002 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: March 2002 to August 2004.
WATER TEMPERATURE: March 2002 to August 2004.

INSTRUMENTATION.--Water-quality monitor with satellite telemetry from March 2002 to August 2004.

REMARKS.--Station operated as part of NAWQA program from March 2002 to current year. Station was operated from October 1989 to June 1995 as part of a six county regional surface-water quality assessment.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	510, January 28, 2004	26, August 8, 2003
WATER TEMPERATURE, °C	31.9, August 27, 2003	-0.2, January 25, 26, 2004

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

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)
NOV													
02...	1300	9	1.7	756	5.6	61	7.0	107	18.7	36	44	6.16	2.6
DEC													
17...	1030	9	3.4	765	11.9	88	7.1	100	3.1	27	33	6.52	4.9
FEB													
17...	1400	9	13	753	12.4	114	7.4	106	11.0	26	32	11.3	6.0
APR													
26...	1200	9	3.4	754	9.2	90	6.4	118	13.8	37	45	--	--
JUN													
08...	1030	9	78	754	8.1	99	7.0	82	25.1	23	28	6.10	5.3
21...	1100	D	--	--	5.5	--	--	102	20.3	--	--	--	--
AUG													
08...	1030	9	.21	757	5.0	60	7.0	101	24.4	37	45	5.80	3.5

Date	Ammonia water, fltrd, mg/L as N (00608)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Particulate nitrogen, susp, water, mg/L (49570)	Total nitrogen, wat unf by analysis, mg/L (62855)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	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)
NOV													
02...	<.04	--	<.06	E.005	.07	.35	.006	.036	.5	<.1	.5	5.0	--
DEC													
17...	E.02	--	.09	<.008	--	.53	E.003	.032	--	--	--	--	--
FEB													
17...	<.04	--	.09	<.008	--	.55	E.003	.031	--	--	--	--	--
APR													
26...	.13	.12	.13	.009	--	.60	.007	.042	--	--	--	--	--
JUN													
08...	E.02	--	.10	E.004	--	.90	<.006	.100	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--	3.3
AUG													
08...	.07	--	.18	E.006	--	.61	.009	.049	--	--	--	--	--

02087580 SWIFT CREEK NEAR APEX, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Peri-phyton biomass ash weight, g/m2 (00572)	Peri-phyton biomass dry weight, g/m2 (00573)	Biomass chloro-phyll ratio, peri-phyton, number (70950)	Pheo-phytin a, peri-phyton, mg/m2 (62359)	Chloro-phyll a peri-phyton, chromo-fluoro, mg/m2 (70957)	1-Naph-thol, water, fltrd 0.7u GF ug/L (49295)	2,6-Di-ethyl-aniline water fltrd 0.7u GF ug/L (82660)	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)	3,5-Di-chloro-aniline water, fltrd, ug/L (61627)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)
NOV													
02...	--	--	--	--	--	<.09	<.006	<.005	<.006	<.004	<.004	--	<.006
DEC													
17...	--	--	--	--	--	<.09	<.006	<.005	<.006	<.004	<.004	--	<.006
FEB													
17...	--	--	--	--	--	<.09	<.006	<.005	<.006	<.004	<.004	--	E.005
APR													
26...	--	--	--	--	--	<.09	<.006	<.005	<.006	<.004	<.004	--	E.005
JUN													
08...	--	--	--	--	--	<.09	<.006	<.005	E.008	<.004	<.004	<.004	<.006
21...	89	92.00	471	1.5	6.8	--	--	--	--	--	--	--	--
AUG													
08...	--	--	--	--	--	<.09	<.006	<.005	<.006	<.004	<.004	<.008	<.006

Date	Aceto-chlor, water, fltrd, ug/L (49260)	Ala-chlor, water, fltrd, ug/L (46342)	alpha-Endo-sulfan, water, fltrd, ug/L (34362)	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)	Carbo-furan, water, fltrd 0.7u GF ug/L (82674)	Chlor-pyrifos oxon, water, fltrd, ug/L (61636)	Chlor-pyrifos water, fltrd, ug/L (38933)	cis-Per-methrin water fltrd 0.7u GF ug/L (82687)	cis-Propi-cona-zole, water, fltrd, ug/L (79846)
NOV													
02...	<.006	<.005	--	<.007	<.07	<.050	<.010	<.041	--	<.06	<.005	<.006	--
DEC													
17...	<.006	<.005	--	<.009	<.07	<.050	<.010	E.017	--	<.06	<.005	<.006	--
FEB													
17...	<.006	<.005	--	.011	<.07	<.050	<.010	E.010	--	<.06	<.005	<.006	--
APR													
26...	<.006	<.005	--	.013	<.07	<.050	<.010	E.005	--	<.06	<.005	<.006	--
JUN													
08...	<.006	<.005	<.005	.035	<.07	<.050	<.010	E.036	<.020	<.06	<.005	<.006	<.008
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
08...	<.006	<.005	<.005	.008	<.07	<.050	<.010	E.011	<.020	<.06	<.005	<.006	<.008

Date	Cyana-zine, water, fltrd, ug/L (04041)	Cyflu-thrin, water, fltrd, ug/L (61585)	lambda-Cyhalo-thrin, water, fltrd, ug/L (61595)	Cyper-methrin water, fltrd, ug/L (61586)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulf-inyl fipro-nil, 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)	Disulf-oton sulfone water, fltrd, ug/L (61640)	Disul-foton, water, fltrd 0.7u GF ug/L (82677)
NOV													
02...	--	<.008	--	<.009	<.003	E.004	<.01	<.005	<.08	<.009	<.006	--	--
DEC													
17...	--	<.008	--	<.009	<.003	E.008	<.01	<.005	<.08	<.009	<.006	--	--
FEB													
17...	--	<.027	--	<.009	<.003	E.005	<.01	<.005	<.08	<.009	<.006	--	--
APR													
26...	--	<.027	--	<.009	<.003	E.006	<.01	<.005	<.08	<.009	<.006	--	--
JUN													
08...	<.018	<.027	<.009	<.009	<.003	E.010	--	<.005	<.08	<.009	<.006	<.01	<.02
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
08...	<.018	<.027	<.009	<.009	<.003	E.007	--	<.005	<.08	<.009	<.006	<.01	<.02

02087580 SWIFT CREEK NEAR APEX, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Endosulfan sulfate water, fltrd, ug/L (61590)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Ethoprop, water, fltrd 0.7u GF ug/L (82672)	Fenamiphos sulfone water, fltrd, ug/L (61645)	Fenamiphos sulfoxide, water, fltrd, ug/L (61646)	Fenamiphos, water, fltrd, ug/L (61591)	Desulfinylfipronil amide, wat flt ug/L (62169)	Fipronil sulfide water, fltrd, ug/L (62167)	Fipronil sulfone water, fltrd, ug/L (62168)	Fipronil, water, fltrd, ug/L (62166)	Fonofos oxon, water, fltrd, ug/L (61649)
NOV													
02...	--	--	<.0020	<.004	--	<.049	<.04	<.03	<.029	E.005	<.024	<.016	<.003
DEC													
17...	--	--	<.0020	<.004	--	<.049	<.04	<.03	E.001	E.009	E.002	E.010	<.003
FEB													
17...	--	--	<.0020	<.004	--	<.049	<.04	<.03	E.003	E.006	E.005	E.011	--
APR													
26...	--	--	<.0020	<.004	--	<.049	<.04	<.03	<.029	E.008	<.024	E.012	--
JUN													
08...	<.014	<.004	<.002	<.004	<.005	<.049	<.04	<.03	E.008	E.009	E.009	E.021	--
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
08...	<.014	<.004	<.002	<.004	<.005	<.049	<.04	<.03	E.007	E.009	E.008	E.009	--

Date	Fonofos water, fltrd, ug/L (04095)	Hexazinone, water, fltrd, ug/L (04025)	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)	Molinate, water, fltrd 0.7u GF ug/L (82671)
NOV													
02...	<.003	<.013	<.387	<.003	<.030	<.027	<.005	<.006	<.03	<.015	<.006	<.006	--
DEC													
17...	<.003	<.013	<.387	<.003	<.030	<.027	<.011	<.006	<.03	<.015	.017	<.006	--
FEB													
17...	<.003	<.013	<.538	<.003	<.030	<.027	<.005	<.006	<.03	<.015	<.006	<.006	--
APR													
26...	<.003	<.013	<.538	<.003	<.030	<.027	<.005	<.006	<.03	<.015	<.006	<.006	--
JUN													
08...	<.003	<.013	<.538	<.003	<.030	<.027	<.014	<.006	<.03	<.015	<.016	<.006	<.003
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
08...	<.003	<.013	<.538	<.003	<.030	<.027	.030	<.006	<.03	<.015	<.006	<.006	<.003

Date	Myclobutanil water, fltrd, ug/L (61599)	Oxyfluorfen, water, fltrd, ug/L (61600)	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)	Propyzamide, water, fltrd 0.7u GF ug/L (82676)	Propanil, water, fltrd 0.7u GF ug/L (82679)	Propargite, water, fltrd 0.7u GF ug/L (82685)	Simazine, water, fltrd, ug/L (04035)
NOV													
02...	<.008	--	<.022	<.10	<.011	<.05	<.008	<.01	<.005	<.004	--	--	.012
DEC													
17...	.024	--	<.022	<.10	<.011	<.05	<.008	.01	<.005	.131	--	--	.793
FEB													
17...	.027	--	E.012	<.10	<.011	<.05	<.008	.01	<.005	.141	--	--	.306
APR													
26...	<.035	--	<.022	<.10	<.011	--	<.008	.03	<.005	.090	--	--	.114
JUN													
08...	<.011	<.007	E.014	<.10	<.011	<.05	<.008	.05	<.005	.024	<.011	<.02	.057
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
08...	E.022	<.007	<.022	<.10	<.011	--	--	.03	<.005	<.010	<.011	<.02	.030

02087580 SWIFT CREEK NEAR APEX, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Tebuthiuron water fltrd 0.7u GF ug/L (82670)	Tefluthrin, water, fltrd, ug/L (61606)	Terbufos oxon sulfone water, fltrd, ug/L (61674)	Terbufos, water, fltrd 0.7u GF ug/L (82675)	Terbuthylazine, water, fltrd, ug/L (04022)	Thiobencarb water fltrd 0.7u GF ug/L (82681)	trans-Propiconazole, water, fltrd, ug/L (79847)	Tribuphos, water, fltrd, ug/L (61610)	Trifluralin, water, fltrd 0.7u GF ug/L (82661)	Dichlorvos, water fltrd, ug/L (38775)	Suspnd. sediment, sieve diametr percent <.063mm (70331)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
NOV													
02...	<.02	--	<.07	<.02	<.01	--	--	--	<.009	<.01	90	18	.08
DEC													
17...	<.02	--	<.07	<.02	<.01	--	--	--	<.009	<.01	83	14	.13
FEB													
17...	<.02	--	<.07	<.02	<.01	--	--	--	E.003	<.01	81	14	.49
APR													
26...	<.02	--	<.07	<.02	<.01	--	--	--	<.009	<.01	77	5	.05
JUN													
08...	<.02	<.008	<.07	<.02	<.01	<.010	<.01	<.004	<.009	<.01	76	50	11
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
08...	<.02	<.008	<.07	<.02	<.01	<.010	<.01	<.020	<.009	<.01	90	6	.00

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

Medium codes used in this table:
9 -- Surface water sample.
D -- Plant tissue sample.

02087588 LAKE WHEELER ON SWIFT CREEK NEAR RALEIGH, NC

LOCATION.--Lat 35°41'39", long 78°41'39", Wake County, Hydrologic Unit 03020201, 0.05 mi above dam, 6.8 mi southwest of Raleigh.

PERIOD OF RECORD.--Water years 2005.

REMARKS.--Station operated to define water quality as part of a six-county regional surface-water quality assessment. Samples for nutrient and chlorophyll *a* and *b* analyses were collected through a sampling zone equal to double the secchi disk depth using the depth-integration sampling technique.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Medium code	Color, water, fltrd, Pt-Co units (00080)	Sampling depth, meters (00098)	Transparency Secchi disc, meters (00078)	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)	Hardness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)
AUG													
05...	0945	9	18	1.0	.90	758	7.7	103	8.8	86	30.0	20	4.73
05...	0950	9	--	3.0	--	758	.9	12	6.6	84	28.4	--	--
05...	0955	9	--	6.0	--	758	.1	1	7.2	224	18.9	--	--

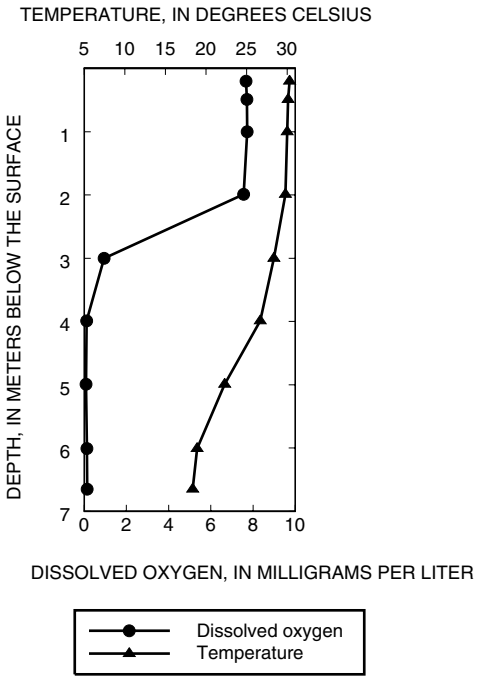
Date	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf incrm. titr., field, mg/L as CaCO3 (00419)	Bicarbonate, wat unf incrm. titr., field, mg/L (00450)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)
AUG													
05...	2.08	2.49	5.49	19	22	6.69	E.1	6.88	3.8	58	.63	E.007	<.016
05...	--	--	--	--	--	--	--	--	--	--	.59	E.008	<.016
05...	--	--	--	--	--	--	--	--	--	--	2.1	1.48	<.016

Date	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	Chlorophyll a phytoplankton, fluoro, ug/L (70953)	Chlorophyll b phytoplankton, fluoro, ug/L (70954)	Iron, water, unfltrd recoverable, ug/L (01045)	Manganese, water, unfltrd recoverable, ug/L (01055)
AUG								
05...	<.002	<.02	.029	7.9	10.0	<.1	60	55.0
05...	<.002	<.02	.031	--	--	--	90	122
05...	.008	<.02	.042	--	--	--	14,300	5,280

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

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

02087588 LAKE WHEELER ON SWIFT CREEK NEAR RALEIGH, NC—Continued



0208758850 SWIFT CREEK NEAR MCCULLARS CROSSROADS, NC

LOCATION.--Lat 35°41'37", long 78°41'32", Wake County, Hydrologic Unit 03020201, 0.1 mi downstream of Secondary Road 1375, 0.1 mi downstream of Lake Wheeler, and 2.0 mi north of McCullars Crossroads.

DRAINAGE AREA.--35.8 mi^2.

PERIOD OF RECORD.--December 1987 to current year.

GAGE.--Water-stage recorder. Datum of gage is 251.46 ft above NGVD of 1929. Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records good. Some regulation by Lake Wheeler (station 02087588). Maximum gage height for period of record from floodmarks. No flow also occurred part of each day, June 27, 28, 29, 1993. Minimum flow for current year also occurred June 27.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19	4.4	27	16	35	157	35	22	0.60	2.9	17	0.38
2	16	5.1	19	15	25	64	42	26	8.0	1.5	10	0.40
3	13	3.9	16	15	34	37	59	17	18	0.85	5.4	0.42
4	12	8.6	13	14	79	27	37	12	15	0.72	3.1	0.47
5	8.6	15	12	15	49	23	27	8.3	12	0.86	2.0	0.49
6	5.4	13	12	16	32	22	23	29	8.1	1.6	1.6	0.49
7	4.1	8.7	16	13	25	19	20	37	11	1.1	0.81	0.51
8	3.2	6.0	15	14	21	133	24	23	115	25	0.36	0.51
9	2.8	4.2	16	12	20	149	80	15	47	22	82	0.51
10	3.1	3.2	85	12	21	63	60	11	24	14	165	0.51
11	2.5	2.9	90	11	17	39	36	8.6	24	7.1	44	0.51
12	2.3	10	44	11	14	29	25	10	16	4.4	20	0.57
13	11	135	28	12	12	23	135	94	11	3.1	12	0.57
14	36	61	19	338	14	45	116	47	7.7	2.1	7.0	0.57
15	28	29	14	233	18	46	56	24	4.9	1.7	3.3	0.55
16	21	18	12	71	20	70	32	19	2.8	1.4	2.4	0.57
17	13	14	11	39	18	421	23	13	1.1	1.1	2.4	0.57
18	9.1	12	11	25	16	195	19	9.5	0.80	0.33	1.6	0.57
19	8.5	11	13	20	12	83	17	5.7	0.49	0.45	1.5	0.59
20	6.7	10	13	18	11	52	16	14	0.78	30	1.8	0.64
21	6.0	9.2	9.5	19	16	37	14	38	0.82	27	14	6.9
22	5.4	8.7	8.4	19	17	30	12	27	0.67	17	12	13
23	4.6	23	16	22	16	72	14	16	0.39	39	8.8	8.0
24	4.8	59	29	16	62	84	9.6	10	0.43	23	6.0	4.0
25	4.7	44	23	14	93	50	6.8	5.3	0.49	14	2.9	2.1
26	4.8	23	23	14	47	35	3.8	4.0	0.32	6.3	1.5	2.0
27	4.5	17	22	14	30	28	6.8	2.3	0.23	3.0	1.1	1.0
28	4.7	97	18	12	161	67	5.4	1.8	0.36	1.6	0.96	0.68
29	5.0	66	17	12	---	82	5.5	1.6	1.9	38	0.61	0.69
30	6.0	35	17	47	---	49	10	1.1	3.0	39	0.54	0.45
31	5.3	---	17	57	---	36	---	0.74	---	24	0.96	---
TOTAL	281.1	756.9	685.9	1,166	935	2,267	969.9	552.94	336.88	354.11	432.64	49.22
MEAN	9.07	25.2	22.1	37.6	33.4	73.1	32.3	17.8	11.2	11.4	14.0	1.64
MAX	36	135	90	338	161	421	135	94	115	39	165	13
MIN	2.3	2.9	8.4	11	11	19	3.8	0.74	0.23	0.33	0.36	0.38

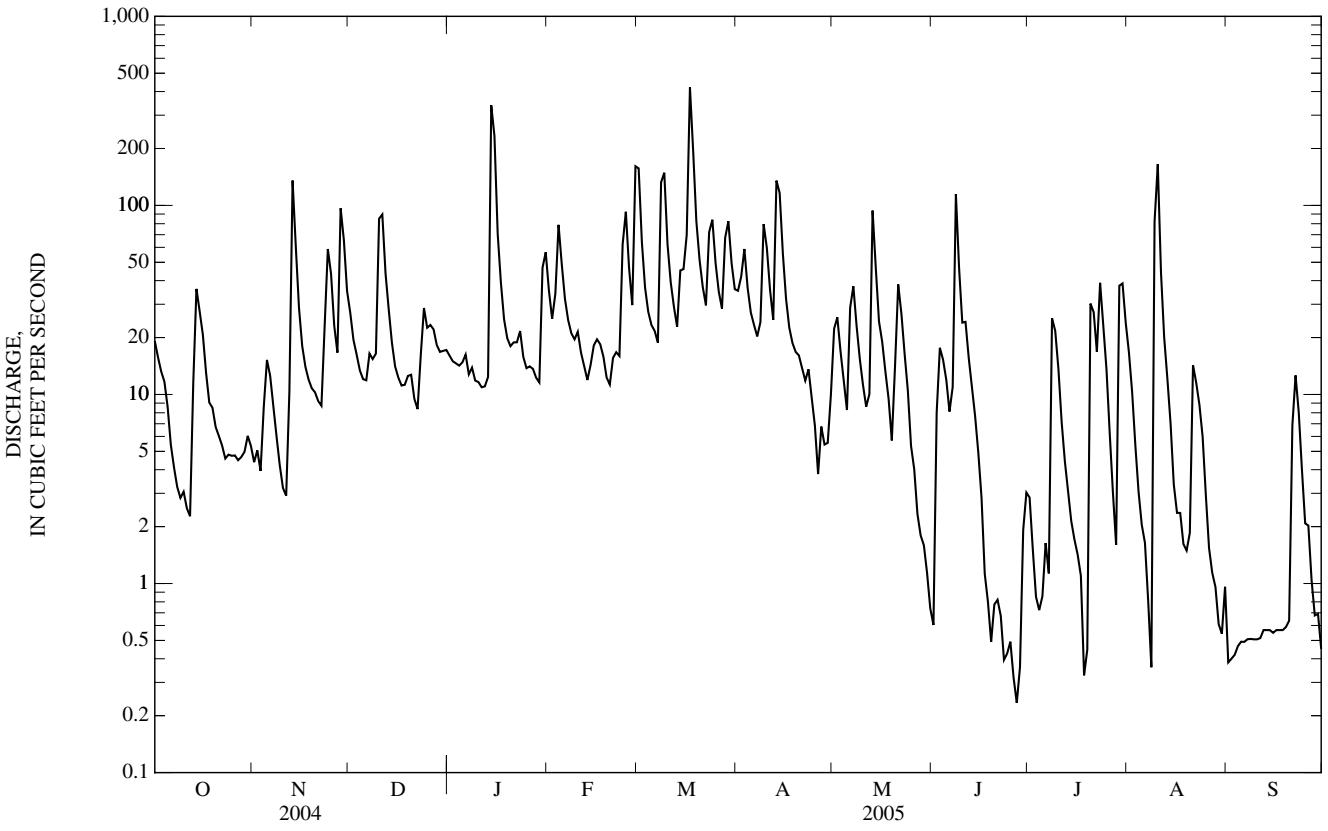
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2005, BY WATER YEAR (WY)

MEAN	25.3	25.9	26.5	58.9	56.9	71.4	41.9	22.6	27.8	23.3	29.1	45.5
MAX	106	69.4	74.2	183	159	183	110	75.7	91.5	130	112	323
(WY)	(1996)	(1996)	(2003)	(1998)	(1998)	(1998)	(2003)	(1989)	(2001)	(2001)	(2003)	(1999)
MIN	4.38	0.99	7.46	12.1	14.4	15.1	10.7	4.95	0.06	1.16	0.61	0.11
(WY)	(1992)	(2002)	(2002)	(2001)	(1991)	(1988)	(1995)	(2000)	(2002)	(1988)	(1997)	(1990)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1988 - 2005	
ANNUAL TOTAL	13,671.43		8,787.59			
ANNUAL MEAN	37.4		24.1		38.7	
HIGHEST ANNUAL MEAN					70.8	2003
LOWEST ANNUAL MEAN					18.4	1992
HIGHEST DAILY MEAN	658	Aug 14	421	Mar 17	2,700	Sep 6, 1996
LOWEST DAILY MEAN	0.04	Jun 24	0.23	Jun 27	0.01	Jun 28, 1993
ANNUAL SEVEN-DAY MINIMUM	0.24	Jun 19	0.41	Jun 22	0.02	Jun 29, 2002
MAXIMUM PEAK FLOW			689	Jan 14	6,790	Sep 6, 1996
MAXIMUM PEAK STAGE			8.76	Jan 14	14.15*	Sep 6, 1996
INSTANTANEOUS LOW FLOW			0.19*	Jun 26	0.00*	Jun 27, 1993
10 PERCENT EXCEEDS	78		58		79	
50 PERCENT EXCEEDS	19		13		15	
90 PERCENT EXCEEDS	3.2		0.69		0.54	

* See REMARKS.

0208758850 SWIFT CREEK NEAR MCCULLARS CROSSROADS, NC—Continued



02087701 LAKE BENSON AT DAM NEAR GARNER, NC

LOCATION.--Lat 35°39'45", long 78°36'41", Wake County, Hydrologic Unit 03020201, at dam 1.5 mi below Reedy Branch, 3.3 mi south of Garner.

DRAINAGE AREA.--67.0 mi^2.

PERIOD OF RECORD.--Water years 1990 to 1995, 2005.

REMARKS.--Station operated to define water quality as part of a six-county regional surface-water quality assessment. A GC/FID scan for trace organic compounds was performed on samples collected in October 1994 and April 1995. Results may be obtained from the USGS Water Science Center, Raleigh, NC. Samples for nutrient and chlorophyll *a* and *b* analyses were collected through a sampling zone equal to double the secchi disk depth using the depth-integration sampling technique.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Medium code	Color, water, fltrd, Pt-Co units (00080)	Sampling depth, meters (00098)	Transparency Secchi disc, meters (00078)	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)	Hardness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)
AUG													
05...	1245	9	25	1.0	.60	759	8.6	115	8.8	84	30.6	21	4.85
05...	1250	9	--	2.0	--	759	4.0	52	6.9	84	29.0	--	--
05...	1255	9	--	3.0	--	759	.2	2	6.9	108	27.6	--	--

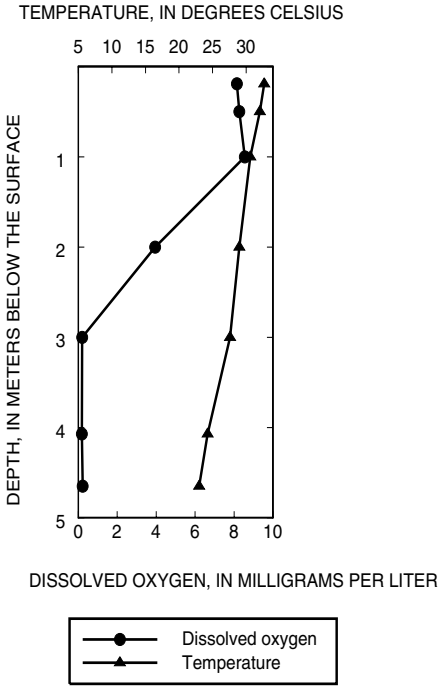
Date	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf incrm. titr., field, mg/L as CaCO3 (00419)	Bicarbonate, wat unf incrm. titr., field, mg/L (00450)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)
AUG													
05...	2.12	2.32	5.22	19	22	5.97	E.1	9.51	3.1	61	.79	E.007	<.016
05...	--	--	--	--	--	--	--	--	--	--	.85	.015	<.016
05...	--	--	--	--	--	--	--	--	--	--	.95	.158	<.016

Date	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	Chlorophyll a phytoplankton, fluoro, ug/L (70953)	Chlorophyll b phytoplankton, fluoro, ug/L (70954)	Iron, water, unfltrd recoverable, ug/L (01045)	Manganese, water, unfltrd recoverable, ug/L (01055)
AUG								
05...	<.002	<.02	.038	8.7	13.7	<.1	200	156
05...	<.002	<.02	.045	--	--	--	310	287
05...	<.002	<.02	.053	--	--	--	360	586

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

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

02087701 LAKE BENSON AT DAM NEAR GARNER, NC—Continued



02088000 MIDDLE CREEK NEAR CLAYTON, NC

LOCATION.--Lat 35°34'15", long 78°35'26", Johnston County, Hydrologic Unit 03020201, on left bank 800 ft downstream of bridge on State Highway 50, 0.5 mi upstream from Buffalo Branch, 3.7 mi downstream of Wake-Johnston County line, and 9.5 mi southwest of Clayton.

DRAINAGE AREA.--83.5 mi^2.

PERIOD OF RECORD.--October 1939 to current year. Monthly discharge only for Oct. 1939, published in WSP 1303.

REVISED RECORDS.--WSP 952: 1940(M), 1941. WSP 1233: 1943(M), 1945, 1949. WDR NC-81-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 183.56 ft above NAVD of 1988. Nov. 1-20, 1939, nonrecording gage at same site. Satellite telemetry at station.

REMARKS.--Records good. Maximum discharge for period of record from rating curve extended above 10,000 ft^3/s, by logarithmic plotting; maximum gage height for period of record, 14.88 ft, from high-water mark in gage well. Minimum discharge for period of record, no flow, also occurred Oct. 12-13, 1954, and July 13-28, 1986. Minimum discharge for current water year also occurred Sept. 12, 13.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74	42	79	80	98	421	151	59	23	25	70	17
2	69	40	72	72	81	196	150	77	30	20	54	15
3	64	41	65	67	98	122	144	57	76	17	37	14
4	61	41	62	66	220	103	110	47	51	15	28	12
5	56	48	62	65	137	91	95	43	40	16	23	11
6	51	49	63	65	100	79	86	72	35	16	21	9.8
7	46	44	61	63	89	75	80	112	49	17	19	10
8	42	42	61	59	85	122	83	70	170	37	18	10
9	40	39	56	60	81	314	349	54	108	52	53	9.5
10	39	37	98	56	81	144	320	46	68	25	195	9.5
11	38	37	228	56	76	101	110	41	54	18	82	8.8
12	37	46	108	56	73	90	90	37	42	16	46	8.8
13	39	135	81	53	73	82	188	42	35	16	34	9.4
14	71	113	69	334	72	95	331	49	32	34	29	9.5
15	65	65	62	854	74	110	158	43	28	28	26	13
16	55	56	59	551	73	128	111	59	24	18	26	12
17	47	52	59	151	68	542	90	56	21	15	33	12
18	42	49	58	109	64	737	85	42	18	21	52	12
19	41	48	61	97	61	307	76	36	16	74	34	12
20	41	47	59	91	58	150	73	34	23	90	28	13
21	48	47	55	91	61	121	67	50	19	106	28	61
22	51	46	55	87	68	105	62	63	17	49	26	47
23	47	58	60	84	64	198	58	42	15	114	22	24
24	42	124	100	76	94	395	56	35	16	78	24	18
25	42	91	83	73	229	165	52	30	15	39	22	15
26	42	67	72	72	114	126	50	29	13	28	20	14
27	42	58	75	70	89	116	49	27	14	22	19	15
28	41	165	70	65	194	266	49	26	15	20	18	14
29	40	191	69	61	---	366	46	24	34	33	17	12
30	40	97	81	98	---	162	48	23	32	61	17	11
31	42	---	91	164	---	138	---	24	---	69	17	---
TOTAL	1,495	2,015	2,334	3,946	2,675	6,167	3,417	1,449	1,133	1,189	1,138	459.3
MEAN	48.2	67.2	75.3	127	95.5	199	114	46.7	37.8	38.4	36.7	15.3
MAX	74	191	228	854	229	737	349	112	170	114	195	61
MIN	37	37	55	53	58	75	46	23	13	15	17	8.8
CFSM	0.58	0.80	0.90	1.52	1.14	2.38	1.36	0.56	0.45	0.46	0.44	0.18
IN.	0.67	0.90	1.04	1.76	1.19	2.75	1.52	0.65	0.50	0.53	0.51	0.20

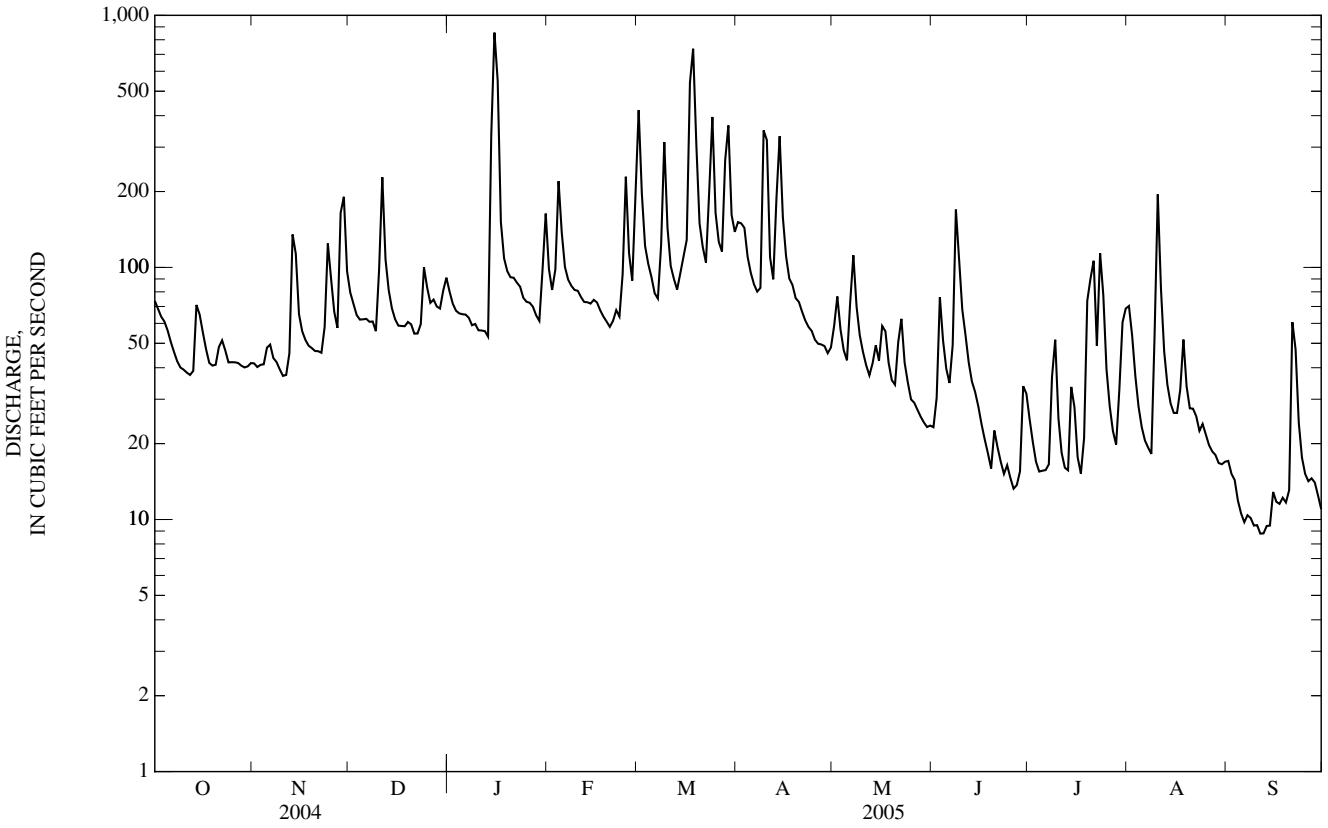
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2005, BY WATER YEAR (WY)

MEAN	53.3	65.3	85.8	137	165	171	117	70.6	53.8	60.1	63.5	63.8
MAX	275	230	254	378	450	439	319	330	203	472	340	601
(WY)	(1960)	(1996)	(1973)	(1998)	(1973)	(1998)	(1959)	(1958)	(1992)	(1965)	(1949)	(1999)
MIN	0.77	4.67	19.7	31.6	46.2	45.1	16.1	11.4	2.15	0.23	1.75	0.50
(WY)	(1987)	(1974)	(1952)	(1942)	(1941)	(1981)	(1986)	(1981)	(1986)	(1986)	(1983)	(1954)

02088000 MIDDLE CREEK NEAR CLAYTON, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1940 - 2005	
ANNUAL TOTAL	34,779		27,417.3			
ANNUAL MEAN	95.0		75.1		91.9	
HIGHEST ANNUAL MEAN					193	2003
LOWEST ANNUAL MEAN					30.0	1981
HIGHEST DAILY MEAN	1,150	Aug 16	854	Jan 15	6,260	Sep 6, 1996
LOWEST DAILY MEAN	18	Jul 22	8.8	Sep 11	0.00	Oct 11, 1954
ANNUAL SEVEN-DAY MINIMUM	22	Jul 22	9.4	Sep 8	0.00	Jul 13, 1986
MAXIMUM PEAK FLOW			996	Jan 15	11,900*	Sep 6, 1996
MAXIMUM PEAK STAGE			7.16	Jan 15	14.88*	Sep 6, 1996
INSTANTANEOUS LOW FLOW			7.5*	Sep 11	0.00*	Oct 11, 1954
ANNUAL RUNOFF (CFSM)	1.14		0.900		1.10	
ANNUAL RUNOFF (INCHES)	15.49		12.21		14.95	
10 PERCENT EXCEEDS	171		137		200	
50 PERCENT EXCEEDS	64		56		47	
90 PERCENT EXCEEDS	32		16		8.0	

* See REMARKS.



02088090 BLACK CREEK NEAR FOUR OAKS, NC

LOCATION.--Lat 35°28'09", long 78°27'25", Johnston County, Hydrologic Unit 03020201, at bridge on Secondary Road 1162, 2.2 mi nowthwest of Four Oaks, and 5.0 mi above the mouth.

DRAINAGE AREA.--79 mi^2.

PERIOD OF RECORD.--December 2003 to current year.

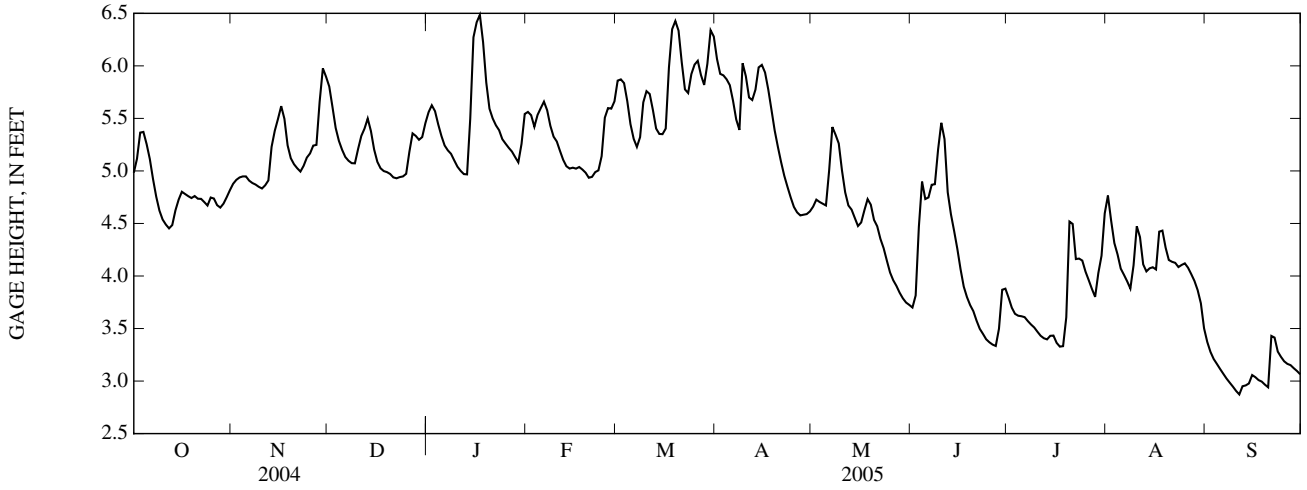
GAGE.--Water-stage recorder. Datum of gage is 114.00 ft above North American Vertical Datum of 1988. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 6.79 ft, Aug. 18, 2004; minimum gage height, 2.85 ft, Sept. 11, 2005.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 6.52 ft, Jan. 17; minimum gage height, 2.85 ft, Sept. 11, 2005.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.98	4.88	5.80	5.56	5.56	5.86	6.07	4.66	3.70	3.79	4.77	3.37
2	5.12	4.91	5.61	5.62	5.53	5.87	5.92	4.73	3.81	3.70	4.53	3.28
3	5.36	4.94	5.41	5.57	5.42	5.84	5.91	4.71	4.47	3.64	4.31	3.21
4	5.37	4.95	5.29	5.44	5.53	5.67	5.87	4.69	4.90	3.62	4.21	3.16
5	5.26	4.95	5.20	5.33	5.60	5.45	5.82	4.67	4.73	3.62	4.07	3.12
6	5.11	4.91	5.13	5.24	5.66	5.31	5.67	5.01	4.75	3.61	4.01	3.07
7	4.92	4.88	5.10	5.20	5.58	5.23	5.49	5.42	4.87	3.57	3.95	3.02
8	4.75	4.87	5.07	5.16	5.43	5.32	5.39	5.34	4.87	3.54	3.88	2.99
9	4.62	4.85	5.07	5.10	5.33	5.65	6.02	5.26	5.20	3.51	4.10	2.95
10	4.54	4.83	5.21	5.04	5.28	5.76	5.90	5.01	5.46	3.47	4.47	2.91
11	4.49	4.86	5.33	5.00	5.19	5.73	5.70	4.80	5.30	3.43	4.37	2.87
12	4.45	4.91	5.40	4.97	5.11	5.58	5.67	4.67	4.80	3.41	4.11	2.95
13	4.48	5.23	5.50	4.97	5.04	5.40	5.77	4.63	4.59	3.40	4.04	2.96
14	4.63	5.38	5.38	5.50	5.02	5.35	5.99	4.55	4.43	3.43	4.07	2.98
15	4.73	5.49	5.20	6.27	5.03	5.35	6.01	4.48	4.26	3.43	4.08	3.06
16	4.80	5.62	5.09	6.42	5.02	5.40	5.94	4.51	4.07	3.36	4.06	3.04
17	4.78	5.50	5.03	6.49	5.04	5.99	5.77	4.63	3.90	3.33	4.42	3.01
18	4.76	5.24	5.00	6.23	5.01	6.35	5.58	4.73	3.80	3.33	4.43	3.00
19	4.74	5.12	4.99	5.84	4.98	6.43	5.39	4.68	3.72	3.61	4.27	2.97
20	4.76	5.06	4.97	5.59	4.94	6.34	5.23	4.53	3.67	4.52	4.15	2.94
21	4.74	5.03	4.94	5.50	4.94	6.03	5.08	4.47	3.58	4.50	4.14	3.43
22	4.73	4.99	4.93	5.43	4.99	5.78	4.95	4.35	3.50	4.16	4.13	3.41
23	4.70	5.05	4.94	5.39	5.01	5.74	4.85	4.26	3.45	4.17	4.09	3.28
24	4.67	5.13	4.95	5.30	5.14	5.92	4.75	4.15	3.40	4.15	4.11	3.23
25	4.75	5.17	4.97	5.26	5.51	6.01	4.66	4.03	3.37	4.04	4.12	3.19
26	4.74	5.24	5.18	5.22	5.60	6.05	4.61	3.96	3.35	3.96	4.08	3.16
27	4.67	5.25	5.36	5.18	5.59	5.91	4.58	3.91	3.33	3.88	4.02	3.15
28	4.65	5.66	5.33	5.13	5.66	5.82	4.58	3.84	3.50	3.80	3.95	3.12
29	4.69	5.98	5.30	5.08	---	6.02	4.59	3.79	3.87	4.03	3.87	3.10
30	4.75	5.90	5.32	5.26	---	6.34	4.61	3.75	3.88	4.19	3.74	3.06
31	4.82	---	5.45	5.54	---	6.28	---	3.72	---	4.60	3.50	---
MEAN	4.79	5.16	5.21	5.45	5.28	5.80	5.41	4.51	4.15	3.77	4.13	3.10
MAX	5.37	5.98	5.80	6.49	5.66	6.43	6.07	5.42	5.46	4.60	4.77	3.43
MIN	4.45	4.83	4.93	4.97	4.94	5.23	4.58	3.72	3.33	3.33	3.50	2.87



02088270 MILL CREEK AT COX MILL, NC

LOCATION.--Lat 35°20'30", long 78°12'59", Johnston County, Hydrologic Unit 03020201, at bridge on Secondary Road 1200, 1 mi nowthwest of Cox Mill.

DRAINAGE AREA.--168 mi^2.

PERIOD OF RECORD.--September 2003 to current year.

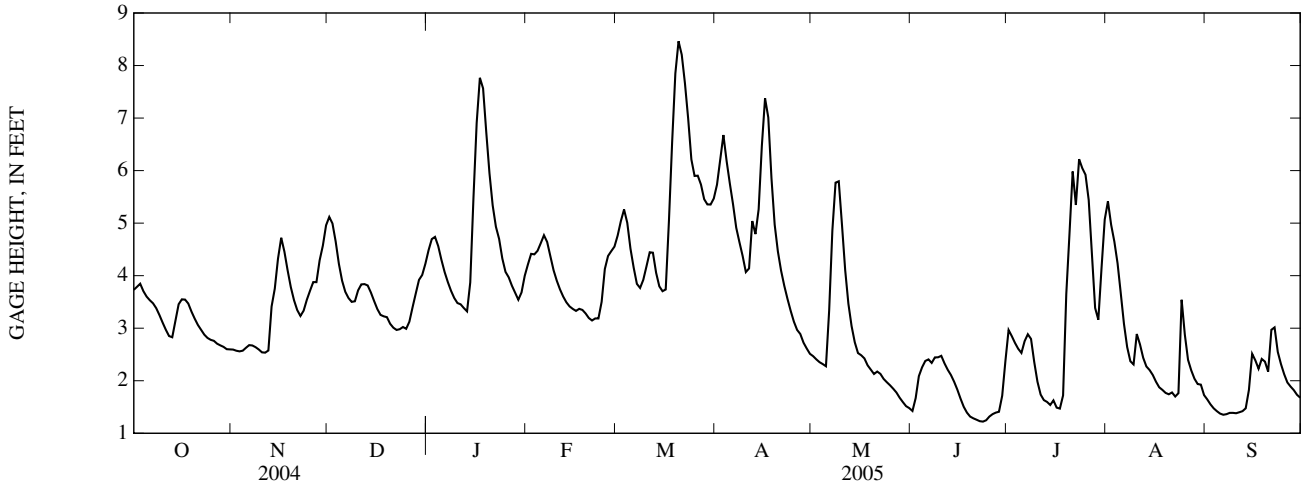
GAGE.--Water-stage recorder. Datum of gage is 70 ft above North American Vertical Datum of 1988. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 13.29 ft, Aug. 20, 2004; minimum gage height, 1.19 ft, June 23, 2005.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 8.53 ft, March 20; minimum gage height, 1.19 ft, June 23.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.73	2.59	5.12	4.49	4.21	4.76	5.73	2.47	1.42	2.97	5.42	1.64
2	3.79	2.57	4.99	4.70	4.42	5.04	6.20	2.41	1.67	2.85	4.97	1.55
3	3.85	2.56	4.65	4.74	4.41	5.26	6.68	2.35	2.09	2.72	4.65	1.47
4	3.70	2.57	4.22	4.56	4.47	5.01	6.18	2.32	2.25	2.61	4.24	1.42
5	3.60	2.63	3.90	4.30	4.62	4.52	5.76	2.28	2.38	2.53	3.67	1.37
6	3.53	2.68	3.69	4.07	4.77	4.15	5.36	3.34	2.41	2.75	3.08	1.35
7	3.47	2.67	3.57	3.88	4.64	3.84	4.91	4.86	2.34	2.88	2.64	1.36
8	3.38	2.64	3.50	3.71	4.37	3.77	4.64	5.77	2.44	2.80	2.37	1.39
9	3.25	2.59	3.51	3.58	4.10	3.92	4.38	5.80	2.45	2.36	2.31	1.39
10	3.11	2.54	3.72	3.48	3.90	4.18	4.07	4.97	2.47	1.98	2.89	1.38
11	2.97	2.53	3.83	3.45	3.74	4.45	4.14	4.11	2.33	1.74	2.69	1.40
12	2.85	2.58	3.84	3.38	3.60	4.44	5.04	3.47	2.21	1.63	2.44	1.42
13	2.83	3.41	3.81	3.32	3.49	4.05	4.79	3.04	2.11	1.60	2.27	1.48
14	3.14	3.75	3.68	3.87	3.41	3.80	5.26	2.73	1.98	1.54	2.20	1.83
15	3.46	4.32	3.52	5.48	3.37	3.70	6.47	2.53	1.83	1.63	2.11	2.51
16	3.55	4.72	3.36	6.91	3.33	3.74	7.38	2.49	1.66	1.49	1.98	2.39
17	3.54	4.46	3.25	7.77	3.37	5.05	7.01	2.42	1.50	1.47	1.88	2.23
18	3.47	4.10	3.23	7.57	3.35	6.54	5.85	2.29	1.39	1.72	1.83	2.41
19	3.32	3.78	3.21	6.73	3.28	7.85	4.97	2.21	1.32	3.65	1.77	2.36
20	3.18	3.53	3.08	5.95	3.19	8.46	4.46	2.13	1.28	4.79	1.74	2.17
21	3.06	3.35	3.01	5.34	3.15	8.21	4.10	2.17	1.26	5.98	1.78	2.97
22	2.97	3.23	2.97	4.93	3.19	7.66	3.81	2.13	1.23	5.35	1.70	3.01
23	2.88	3.33	2.98	4.70	3.19	6.99	3.56	2.03	1.22	6.22	1.76	2.55
24	2.81	3.54	3.02	4.33	3.50	6.21	3.33	1.97	1.25	6.05	3.54	2.32
25	2.78	3.71	2.99	4.07	4.13	5.90	3.12	1.91	1.32	5.92	2.88	2.12
26	2.76	3.88	3.12	3.97	4.37	5.90	2.97	1.85	1.36	5.44	2.40	1.97
27	2.71	3.88	3.40	3.81	4.47	5.73	2.89	1.78	1.39	4.42	2.20	1.89
28	2.67	4.29	3.66	3.67	4.55	5.46	2.72	1.68	1.41	3.39	2.04	1.82
29	2.64	4.57	3.92	3.54	---	5.36	2.61	1.59	1.71	3.16	1.94	1.73
30	2.60	4.96	4.01	3.68	---	5.35	2.51	1.52	2.37	4.14	1.93	1.68
31	2.60	---	4.23	4.00	---	5.47	---	1.48	---	5.07	1.73	---
MEAN	3.17	3.40	3.64	4.58	3.88	5.32	4.70	2.71	1.80	3.32	2.61	1.89
MAX	3.85	4.96	5.12	7.77	4.77	8.46	7.38	5.80	2.47	6.22	5.42	3.01
MIN	2.60	2.53	2.97	3.32	3.15	3.70	2.51	1.48	1.22	1.47	1.70	1.35



02088500 LITTLE RIVER NEAR PRINCETON, NC

LOCATION.--Lat 35°30'41", long 78°09'37", Johnston County, Hydrologic Unit 03020201, on left bank 600 ft downstream of bridge on Secondary Road 2320, 0.8 mi upstream from Little Creek, and 3 mi north of Princeton.

DRAINAGE AREA.--232 mi^2.

PERIOD OF RECORD.--February 1930 to current year. Monthly discharge only for some periods, published in WSP 1303.

REVISED RECORD.--WSP 1233: 1935(M). WDR NC-81-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 107.75 ft above NGVD of 1929. Prior to Nov. 17, 1934, nonrecording gage at same site and datum. Satellite telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Slight fluctuation and occasional regulation for short periods is caused by mills upstream from station. Maximum discharge for period of record, from rating curve extended above 9,000 ft^3/s, by logarithmic plotting. Minimum discharge for period of record occurred several days in Aug. 2002, due to regulation from unknown source. Minimum discharge for current water year also occurred Sept. 13.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	77	43	425	380	354	574	612	45	40	28	130	3.3
2	84	42	321	349	278	534	526	51	41	27	129	2.4
3	91	42	232	263	234	443	619	53	48	27	56	1.9
4	101	42	173	194	330	336	561	49	114	30	44	1.6
5	105	44	133	151	402	241	476	44	126	31	32	1.2
6	97	48	109	128	319	190	378	240	95	40	26	0.93
7	80	51	96	111	241	158	280	673	81	33	22	0.69
8	69	51	95	95	193	175	234	529	114	27	20	2.4
9	61	48	93	90	157	372	340	373	116	22	19	1.9
10	56	43	112	81	142	406	511	221	118	20	22	0.55
11	51	39	187	71	127	417	362	130	142	19	17	0.07
12	47	39	208	66	107	354	253	85	148	19	17	0.00
13	52	79	201	66	94	251	e360	66	99	24	26	0.00
14	75	159	165	269	86	207	e934	62	73	27	23	0.66
15	97	194	122	858	86	228	882	51	60	45	23	1.7
16	216	172	95	923	87	248	573	48	50	39	17	2.0
17	166	152	84	803	92	748	366	175	44	31	16	1.2
18	167	110	77	639	90	1,090	252	136	38	28	13	1.6
19	129	89	76	407	77	941	193	93	34	27	17	2.1
20	95	73	75	271	68	770	153	83	31	25	13	3.8
21	78	64	67	247	66	607	122	259	28	23	9.0	2.8
22	68	58	61	253	71	442	96	227	26	21	15	4.8
23	60	71	61	238	75	413	81	158	24	252	20	2.3
24	56	238	71	204	102	628	71	110	21	103	16	1.6
25	53	306	86	161	329	665	68	86	20	95	13	1.5
26	49	233	105	151	318	583	59	73	20	72	10	1.9
27	47	172	136	138	220	467	52	67	20	50	9.5	2.2
28	46	349	127	119	283	413	58	60	20	38	7.1	1.7
29	45	597	113	99	---	656	48	53	25	36	5.6	1.4
30	43	518	136	128	---	747	44	47	28	41	4.9	1.2
31	43	---	275	343	---	774	---	42	---	51	4.4	---
TOTAL	2,504	4,166	4,317	8,296	5,028	15,078	9,564	4,389	1,844	1,351	796.5	51.40
MEAN	80.8	139	139	268	180	486	319	142	61.5	43.6	25.7	1.71
MAX	216	597	425	923	402	1,090	934	673	148	252	130	4.8
MIN	43	39	61	66	66	158	44	42	20	19	4.4	0.00
CFSM	0.35	0.60	0.60	1.15	0.77	2.10	1.37	0.61	0.26	0.19	0.11	0.01
IN.	0.40	0.67	0.69	1.33	0.81	2.42	1.53	0.70	0.30	0.22	0.13	0.01

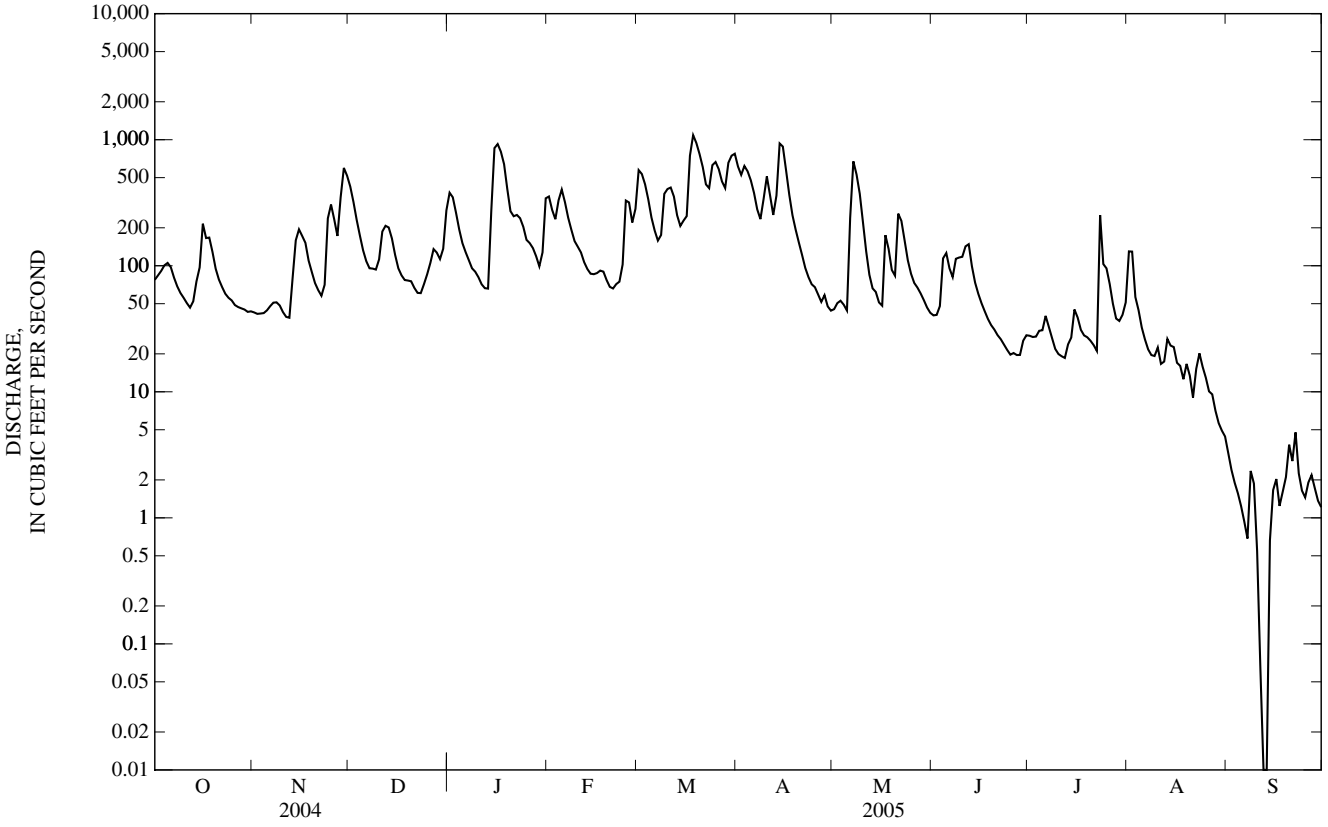
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2005, BY WATER YEAR (WY)

MEAN	143	148	230	385	468	479	325	184	148	171	184	181
MAX	1,202	645	717	999	1,285	1,204	969	835	698	826	783	2,861
(WY)	(1965)	(1948)	(1937)	(1954)	(1948)	(1989)	(1959)	(1989)	(1995)	(1959)	(1931)	(1999)
MIN	6.00	13.0	16.0	24.1	49.6	120	53.3	17.3	7.24	12.4	4.10	1.71
(WY)	(1934)	(1934)	(1934)	(1934)	(1934)	(1981)	(1986)	(1986)	(2002)	(1999)	(1993)	(2005)

02088500 LITTLE RIVER NEAR PRINCETON, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1930 - 2005	
ANNUAL TOTAL	74,288		57,384.90			
ANNUAL MEAN	203		157		254	
HIGHEST ANNUAL MEAN					511	1960
LOWEST ANNUAL MEAN					91.8	1951
HIGHEST DAILY MEAN	1,410	Sep 1	1,090	Mar 18	17,600	Sep 17, 1999
LOWEST DAILY MEAN	20	Jul 22	0.00	Sep 12	0.00	Aug 12, 2002
ANNUAL SEVEN-DAY MINIMUM	27	May 28	0.70	Sep 9	0.02	Aug 11, 2002
MAXIMUM PEAK FLOW			1,120	Mar 18	20,700*	Sep 17, 1999
MAXIMUM PEAK STAGE			7.08	Mar 18	16.58	Sep 17, 1999
INSTANTANEOUS LOW FLOW			0.00*	Sep 12	0.00*	Aug 12, 2002
ANNUAL RUNOFF (CFSM)	0.875		0.678		1.09	
ANNUAL RUNOFF (INCHES)	11.91		9.20		14.85	
10 PERCENT EXCEEDS	534		413		628	
50 PERCENT EXCEEDS	131		81		118	
90 PERCENT EXCEEDS	37		9.8		20	

* See REMARKS.
e Estimated.



02089000 NEUSE RIVER NEAR GOLDSBORO, NC

LOCATION.--Lat 35°20'15", long 77°59'51", Wayne County, Hydrologic Unit 03020202, on left bank at downstream side of bridge on Secondary Road 1915, 0.2 mi upstream from Stony Creek, 1.5 mi downstream of Seaboard Coast Line Railroad bridge, 3.2 mi south of Wayne County courthouse in Goldsboro, 4.3 mi downstream of Little River, and 135 mi upstream from mouth.

DRAINAGE AREA.--2,399 mi^2.

PERIOD OF RECORD.--February 1930 to current year.

REVISED RECORDS.--WSP 1333: 1931, 1935. WDR NC-81-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 42.95 ft above NGVD of 1929. Prior to July 24, 1931, nonrecording gage at railroad bridge 1.5 mi upstream at 44.95 ft. July 24, 1931, to Aug. 31, 1948, water-stage recorder at site 2.3 mi upstream at 44.66 ft. Satellite telemetry at station.

REMARKS.--No estimated discharges. Records good. Flow regulated by Falls Lake (station 02087182). Prior to regulation, maximum discharge: 30,700 ft^3/s, Sept. 27, 1945; gage height: 26.72 ft at site and datum then in use; minimum discharge: 76 ft^3/s, Sept. 26, 1968. Minimum discharge during regulation also occurred Oct. 3, 1985. Minimum discharge for current water year also occurred Sept. 13, 14.

EXTREMES OUTSIDE PERIOD OF RECORD.--Floods of June 1866 and July 1919, reached stages of about 29 and 28 ft, respectively, at site 2.3 mi upstream at present datum, from flood profiles of U.S. Army Corps of Engineers. Flood of Oct. 5, 1929, reached a stage of 27.3 ft at railroad bridge at present datum; discharge, 38,600 ft^3/s.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,500	718	3,180	1,900	2,280	2,440	4,930	957	534	798	2,750	446
2	1,410	719	3,190	2,050	2,360	3,620	5,110	950	568	716	2,370	434
3	1,340	720	3,120	2,000	2,380	3,810	5,160	1,060	621	683	1,910	412
4	1,320	714	2,900	2,030	2,390	3,850	4,810	1,060	878	557	1,440	394
5	1,310	728	2,620	1,910	2,820	3,890	4,350	963	1,140	615	1,100	379
6	1,310	762	2,080	1,770	3,320	3,830	4,250	1,680	1,040	666	868	367
7	1,290	868	1,810	1,650	3,240	3,390	4,220	2,660	924	718	721	357
8	1,170	819	1,750	1,530	2,970	2,920	4,240	3,540	894	634	647	350
9	1,060	769	1,680	1,430	2,760	2,840	4,080	3,400	1,500	518	857	338
10	957	742	1,470	1,350	2,480	3,400	3,760	2,530	2,260	871	1,510	333
11	871	717	1,510	1,280	2,010	3,740	3,900	1,850	1,600	831	2,000	332
12	817	751	2,100	1,250	1,770	3,550	3,830	1,450	1,240	683	2,110	322
13	812	1,170	2,270	1,210	1,460	3,110	3,710	1,310	1,050	579	1,550	314
14	827	1,770	1,960	1,460	1,370	2,780	3,940	1,120	867	521	1,110	487
15	1,620	2,620	1,710	2,700	1,310	2,640	4,530	1,130	743	593	888	516
16	1,980	2,210	2,090	4,450	1,290	2,620	4,810	1,090	654	553	780	502
17	1,610	1,740	2,730	5,040	1,350	2,910	3,920	1,090	589	489	882	479
18	1,340	1,480	2,900	5,370	1,610	4,380	2,900	1,210	526	460	745	434
19	1,160	1,300	2,860	5,330	1,660	5,150	2,400	1,080	466	477	685	436
20	1,010	1,160	2,480	4,950	1,540	5,820	2,080	922	452	620	648	423
21	929	1,180	2,250	4,480	1,300	6,100	1,840	883	461	1,050	558	582
22	875	2,020	2,190	4,210	1,230	5,980	1,660	1,150	447	1,710	474	577
23	837	2,430	2,170	4,080	1,260	5,700	1,470	1,210	417	2,520	454	676
24	817	2,290	1,940	3,840	1,400	5,200	1,370	1,040	388	2,090	734	655
25	779	2,060	1,450	3,460	1,550	4,720	1,290	890	400	1,950	743	521
26	758	2,170	1,460	3,140	2,310	4,790	1,220	781	490	1,590	729	432
27	760	1,830	1,470	2,730	2,420	4,820	1,180	711	587	1,230	670	412
28	742	1,880	1,490	2,280	2,130	4,430	1,080	668	453	884	587	412
29	726	2,490	1,520	1,620	---	3,930	1,050	641	758	847	522	399
30	719	3,250	1,560	1,490	---	4,260	1,010	600	684	885	487	374
31	701	---	1,660	1,650	---	4,670	---	565	---	1,800	478	---
TOTAL	33,357	44,077	65,570	83,640	55,970	125,290	94,100	40,191	23,631	29,138	32,007	13,095
MEAN	1,076	1,469	2,115	2,698	1,999	4,042	3,137	1,296	788	940	1,032	436
MAX	1,980	3,250	3,190	5,370	3,320	6,100	5,160	3,540	2,260	2,520	2,750	676
MIN	701	714	1,450	1,210	1,230	2,440	1,010	565	388	460	454	314

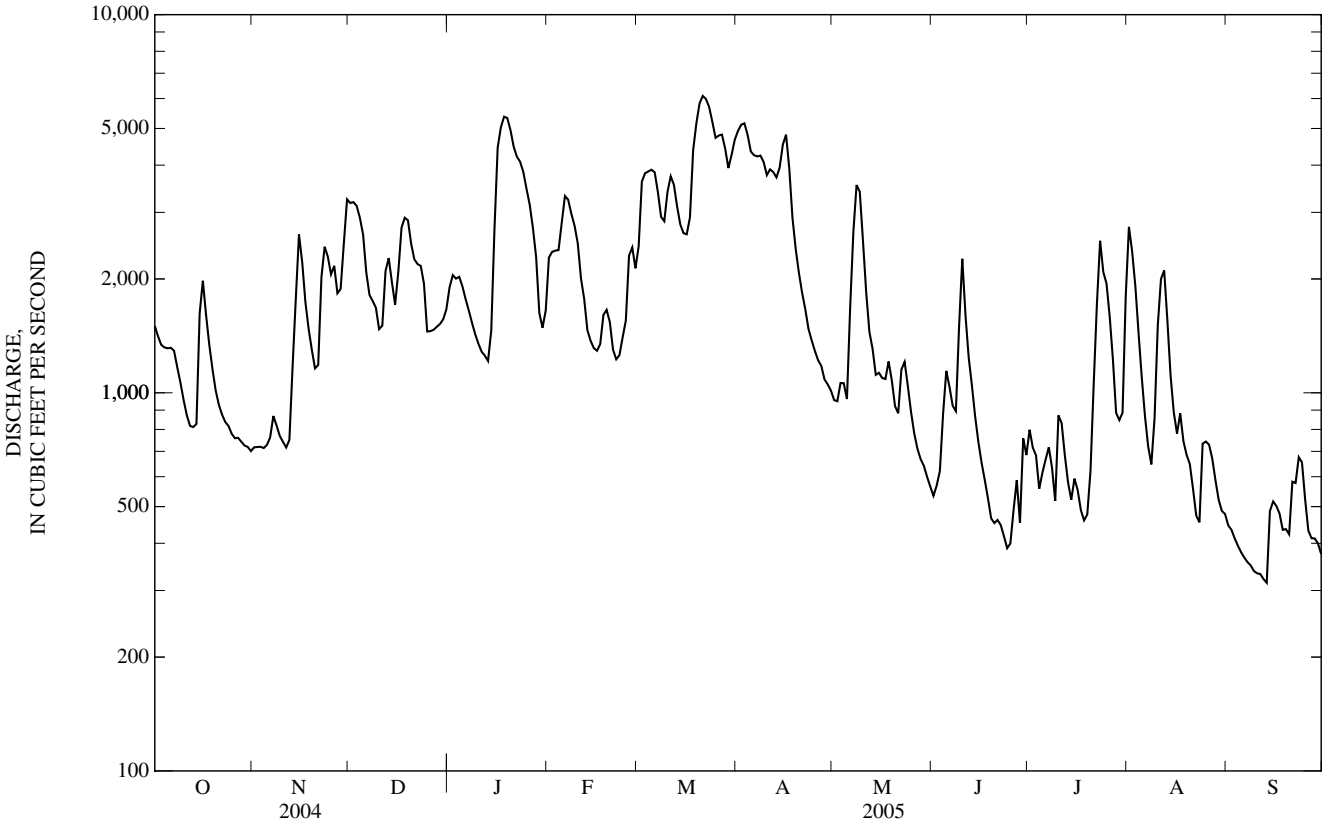
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1983 - 2005,* BY WATER YEAR (WY)

MEAN	1,816	1,517	2,097	3,255	4,051	4,979	3,885	1,973	1,539	1,421	1,641	2,232
MAX	11,750	5,287	4,546	6,644	12,080	11,400	7,850	7,276	5,530	4,668	4,761	14,650
(WY)	(2000)	(1996)	(1997)	(1993)	(1998)	(1998)	(1989)	(1989)	(1995)	(1989)	(2003)	(1999)
MIN	310	326	615	884	1,374	1,286	631	433	342	394	264	246
(WY)	(1984)	(1988)	(2002)	(1986)	(2001)	(2002)	(1986)	(1986)	(1986)	(1987)	(1983)	(1985)

02089000 NEUSE RIVER NEAR GOLDSBORO, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1983 - 2005*	
ANNUAL TOTAL	777,837		640,066			
ANNUAL MEAN	2,125		1,754		2,603	
HIGHEST ANNUAL MEAN					4,018	2003
LOWEST ANNUAL MEAN					1,040	2002
HIGHEST DAILY MEAN	7,700	Aug 21	6,100	Mar 21	38,200	Sep 20, 1999
LOWEST DAILY MEAN	551	Jul 19	314	Sep 13	162	Sep 10, 1983
ANNUAL SEVEN-DAY MINIMUM	608	Jul 18	335	Sep 7	172	Sep 15, 1985
MAXIMUM PEAK FLOW			6,130	Mar 21	38,500	Sep 20, 1999
MAXIMUM PEAK STAGE			14.13	Mar 21	28.85	Sep 20, 1999
INSTANTANEOUS LOW FLOW			312*	Sep 12	157*	Sep 19, 1985
10 PERCENT EXCEEDS	4,220		3,890		6,580	
50 PERCENT EXCEEDS	1,680		1,320		1,430	
90 PERCENT EXCEEDS	774		487		417	

* Regulated period only (1983-2005). See REMARKS.



0208925200 BEAR CREEK AT MAYS STORE, NC

LOCATION.--Lat 35°16'29", long 77°47'40", Lenoir County, Hydrologic Unit 03020202, at downstream side of bridge on Secondary Road 1326, 0.7 mi west of Mays Store, and 1.0 mi downstream of Secondary Road 1002.

DRAINAGE AREA.--57.7 mi^2.

PERIOD OF RECORD.--October 1987 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 50 ft above NGVD of 1929, from topographic map. Satellite telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are fair. Maximum discharge for period of record from rating extension above 3,000 ft^3/s on basis of slope conveyance of peak flow. Maximum gage height for period of record from floodmark. Minimum discharge for current water year occurred on several days.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35	23	58	54	54	74	62	32	23	20	250	16
2	33	22	52	51	49	64	72	31	27	19	181	15
3	32	22	49	48	48	56	77	30	31	27	124	14
4	74	22	46	52	56	50	64	27	30	21	84	14
5	53	23	43	50	53	46	55	26	29	18	63	13
6	42	22	42	47	49	43	49	221	26	17	51	13
7	36	21	41	42	46	41	46	470	44	15	44	13
8	32	27	41	38	44	42	61	296	61	14	38	13
9	30	22	40	38	42	44	58	190	43	14	97	13
10	29	20	45	37	40	41	50	125	39	13	279	13
11	27	20	46	34	37	39	45	91	33	13	136	13
12	26	27	43	42	35	38	41	73	29	13	83	13
13	30	163	42	36	34	37	60	63	26	13	62	14
14	32	120	38	67	34	36	249	55	24	18	51	e29
15	30	84	35	108	36	36	194	50	22	34	47	42
16	30	63	34	84	35	40	129	47	20	19	42	29
17	27	53	34	70	36	156	99	44	19	16	42	25
18	26	47	34	59	34	188	96	40	19	15	39	23
19	27	43	33	52	32	137	77	39	18	66	35	21
20	28	40	33	50	31	128	61	39	17	97	31	21
21	28	39	32	50	31	118	53	40	16	80	27	29
22	27	37	32	48	32	97	48	36	16	48	25	32
23	26	56	33	46	31	124	44	34	15	405	24	25
24	25	73	33	42	46	191	43	32	15	148	33	22
25	25	72	32	42	63	142	39	31	14	80	28	21
26	25	63	38	41	56	111	36	30	15	51	24	20
27	24	48	47	40	49	93	36	28	14	39	21	20
28	23	78	44	37	64	85	33	26	16	32	20	20
29	23	75	43	35	---	81	32	25	26	65	19	18
30	24	65	51	51	---	71	32	24	24	147	18	17
31	24	---	55	61	---	65	---	24	---	85	17	---
TOTAL	953	1,490	1,269	1,552	1,197	2,514	2,041	2,319	751	1,662	2,035	591
MEAN	30.7	49.7	40.9	50.1	42.8	81.1	68.0	74.8	25.0	53.6	65.6	19.7
MAX	74	163	58	108	64	191	249	470	61	405	279	42
MIN	23	20	32	34	31	36	32	24	14	13	17	13
CFSM	0.53	0.86	0.71	0.87	0.74	1.41	1.18	1.30	0.43	0.93	1.14	0.34
IN.	0.61	0.96	0.82	1.00	0.77	1.62	1.32	1.50	0.48	1.07	1.31	0.38

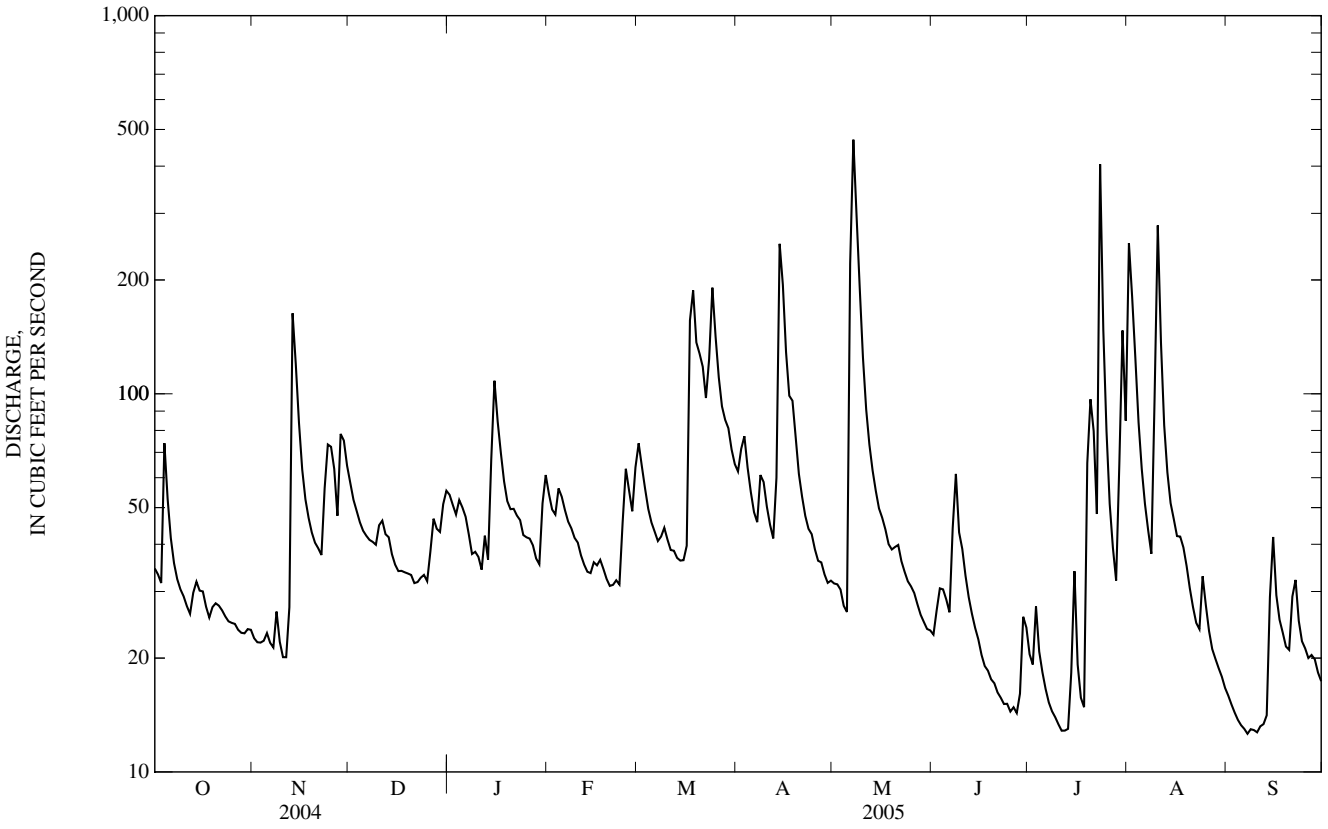
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2005, BY WATER YEAR (WY)

MEAN	60.9	49.4	58.0	91.7	84.9	98.7	76.2	64.2	56.2	49.1	64.0	129
MAX	316	119	148	266	306	230	204	216	201	156	231	1,401
(WY)	(2000)	(1993)	(2004)	(1993)	(1998)	(1998)	(1998)	(1989)	(1995)	(2003)	(1992)	(1999)
MIN	17.2	15.8	21.5	29.0	40.1	35.3	26.5	19.8	13.2	12.5	12.8	17.6
(WY)	(1995)	(1995)	(1995)	(1995)	(2001)	(1988)	(1995)	(1994)	(1994)	(1993)	(1993)	(1994)

0208925200 BEAR CREEK AT MAYS STORE, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1988 - 2005	
ANNUAL TOTAL	23,087		18,374			
ANNUAL MEAN	63.1		50.3		73.4	
HIGHEST ANNUAL MEAN					169	1999
LOWEST ANNUAL MEAN					31.7	1988
HIGHEST DAILY MEAN	576	May 4	470	May 7	8,000	Sep 16, 1999
LOWEST DAILY MEAN	17	Aug 11	13	Jul 10	8.4	Aug 18, 1997
ANNUAL SEVEN-DAY MINIMUM	20	Jul 26	13	Sep 5	9.2	Aug 12, 1997
MAXIMUM PEAK FLOW			542	May 7	11,000*	Sep 16, 1999
MAXIMUM PEAK STAGE			7.81	May 7	16.04*	Sep 16, 1999
INSTANTANEOUS LOW FLOW			12*	Jul 11	7.7	Aug 18, 1997
ANNUAL RUNOFF (CFSM)	1.09		0.872		1.27	
ANNUAL RUNOFF (INCHES)	14.88		11.85		17.27	
10 PERCENT EXCEEDS	116		85		142	
50 PERCENT EXCEEDS	45		38		41	
90 PERCENT EXCEEDS	24		18		18	

* See REMARKS.
e Estimated.



02089500 NEUSE RIVER AT KINSTON, NC

LOCATION.--Lat 35°15'28", long 77°35'08", Lenoir County, Hydrologic Unit 03020202, on left bank at Kinston, 600 ft downstream of bridge on State Highway 11, and 90 mi upstream from mouth.

DRAINAGE AREA.--2,692 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--February 1930 to current year.

GAGE.--Water-stage recorder. Datum of gage is 10.90 ft above NGVD of 1929. Prior to Nov. 25, 1934, nonrecording gage at highway bridge 1 mi downstream at 10.10 ft. National Weather Service telephone telemetry at station. Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Falls Lake (station 02087182). Prior to regulation, maximum discharge: 26,000 ft^3/s, Oct. 13, 1964; gage height: 22.86 ft, at site and datum then in use; minimum discharge: 124 ft^3/s, Sept. 26, 1932, at site then in use.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in July 1919 reached a stage of 25.0 ft, at present site and datum; discharge, about 39,000 ft^3/s, from information provided by North Carolina State Highway Commission. Flood in October 1924 reached a stage of 24.7 ft, at present site and datum; discharge, 36,000 ft^3/s, from information provided by North Carolina State Highway Commission. Flood of Sept. 25-26, 1928, reached a stage of 24.2 ft, at present site and datum; discharge, 34,000 ft^3/s.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,860	871	3,110	1,970	2,050	2,730	4,940	1,250	770	868	2,120	607
2	1,750	867	3,410	2,140	2,430	2,700	5,280	1,190	768	869	2,770	585
3	1,670	872	3,460	2,280	2,640	3,220	5,530	1,160	800	870	2,840	563
4	1,680	860	3,450	2,290	2,720	3,730	5,660	1,200	834	847	2,490	543
5	1,660	860	3,330	2,290	2,750	4,010	5,690	1,240	945	727	1,970	521
6	1,560	864	3,080	2,220	2,930	4,140	5,510	1,740	1,180	715	1,520	504
7	1,500	878	2,640	2,090	3,300	4,190	5,220	2,990	1,190	736	1,220	491
8	1,470	946	2,240	1,950	3,500	4,100	5,110	3,490	1,130	773	1,050	482
9	1,360	959	2,080	1,820	3,420	3,710	5,020	3,930	1,090	747	948	469
10	1,260	913	2,020	1,710	3,210	3,340	4,910	4,140	1,430	663	1,170	455
11	1,150	889	1,880	1,620	2,940	3,400	4,670	3,760	2,100	775	1,790	442
12	1,060	910	1,810	1,630	2,500	3,720	4,450	2,650	1,970	884	2,160	439
13	1,030	1,210	2,150	1,600	2,160	3,880	4,600	2,150	1,490	827	2,360	435
14	1,100	1,650	2,440	1,630	1,860	3,710	5,020	1,800	1,230	779	2,000	529
15	1,090	1,850	2,290	1,970	1,700	3,340	5,220	1,550	1,050	745	1,480	682
16	1,560	2,520	2,050	2,750	1,610	3,080	5,310	1,520	916	722	1,160	769
17	2,100	2,560	2,200	3,690	1,570	3,210	5,400	1,450	818	697	999	668
18	1,930	2,170	2,690	4,220	1,580	3,510	5,400	1,370	752	681	989	642
19	1,610	1,830	2,970	4,840	1,760	3,980	4,920	1,420	698	753	919	601
20	1,400	1,590	3,060	5,310	1,860	4,590	3,640	1,370	652	673	819	575
21	1,240	1,430	2,870	5,550	1,800	5,230	2,840	1,250	620	749	785	570
22	1,130	1,380	2,600	5,490	1,610	5,800	2,460	1,160	614	1,160	718	644
23	1,060	2,130	2,500	5,230	1,480	6,320	2,150	1,260	603	2,030	653	679
24	1,020	2,640	2,460	4,920	1,550	6,630	1,910	1,380	581	2,800	649	706
25	990	2,720	2,290	4,650	1,760	6,620	1,750	1,270	551	2,830	740	740
26	960	2,480	1,950	4,320	1,870	6,310	1,620	1,120	542	2,460	824	668
27	931	2,440	1,910	3,920	2,330	5,890	1,520	1,010	596	2,030	816	599
28	924	2,360	1,880	3,440	2,750	5,670	1,450	925	742	1,610	785	553
29	912	2,380	1,850	2,900	---	5,540	1,350	870	743	1,370	724	539
30	894	2,570	1,870	2,310	---	5,220	1,290	832	879	1,630	668	527
31	883	---	1,900	2,050	---	4,900	---	801	---	1,750	630	---
TOTAL	40,744	48,599	76,440	94,800	63,640	136,420	119,840	53,248	28,284	35,770	40,766	17,227
MEAN	1,314	1,620	2,466	3,058	2,273	4,401	3,995	1,718	943	1,154	1,315	574
MAX	2,100	2,720	3,460	5,550	3,500	6,630	5,690	4,140	2,100	2,830	2,840	769
MIN	883	860	1,810	1,600	1,480	2,700	1,290	801	542	663	630	435

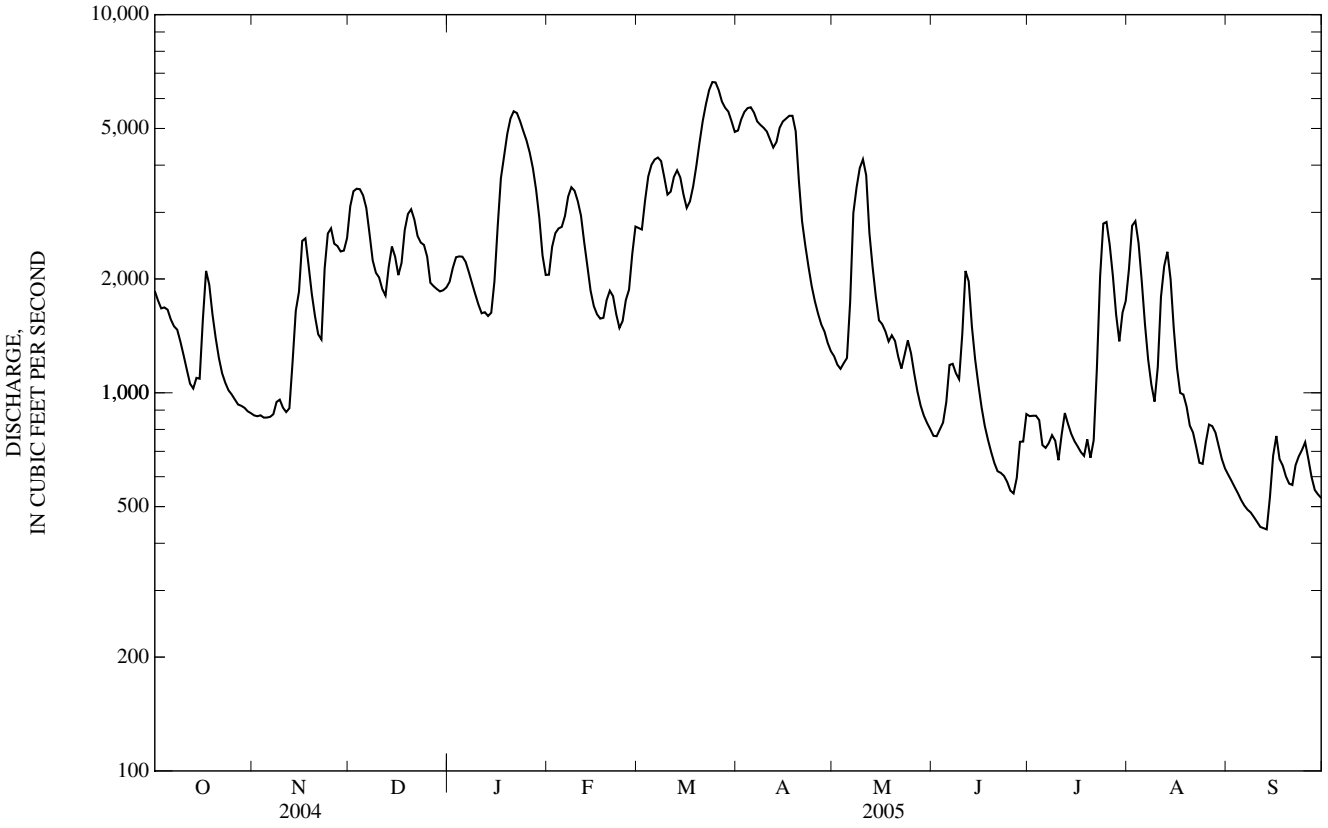
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1983 - 2005,* BY WATER YEAR (WY)

MEAN	1,949	1,731	2,411	3,518	4,455	5,510	4,527	2,294	1,848	1,635	1,951	2,536
MAX	14,280	5,643	5,097	7,560	12,600	11,410	9,582	8,773	6,062	5,223	5,565	16,430
(WY)	(2000)	(1996)	(1990)	(1993)	(1998)	(1998)	(1989)	(1989)	(1995)	(1989)	(2003)	(1999)
MIN	366	430	760	1,181	1,571	1,673	878	563	400	468	314	357
(WY)	(1984)	(1988)	(1988)	(1986)	(2001)	(1988)	(1986)	(1986)	(2002)	(1987)	(1983)	(1985)

02089500 NEUSE RIVER AT KINSTON, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1983 - 2005*	
ANNUAL TOTAL	927,801		755,778			
ANNUAL MEAN	2,535		2,071		2,807	
HIGHEST ANNUAL MEAN					4,583	2003
LOWEST ANNUAL MEAN					1,204	1988
HIGHEST DAILY MEAN	7,720	Aug 24	6,630	Mar 24	35,800	Sep 23, 1999
LOWEST DAILY MEAN	690	Jul 21	435	Sep 13	200	Sep 20, 1985
ANNUAL SEVEN-DAY MINIMUM	740	Jul 19	459	Sep 7	214	Sep 16, 1985
MAXIMUM PEAK FLOW			6,680	Mar 24	36,300	Sep 22, 1999
MAXIMUM PEAK STAGE			13.67	Mar 24	27.71	Sep 22, 1999
INSTANTANEOUS LOW FLOW			429	Sep 14	196	Sep 20, 1985
10 PERCENT EXCEEDS	4,960		4,590		6,980	
50 PERCENT EXCEEDS	2,120		1,650		1,610	
90 PERCENT EXCEEDS	942		668		512	

* Regulated period only (1983-2005). See REMARKS.



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 USGS Water Science Center, 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)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

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													
26...	1330	9	958	766	8.9	91	7.2	143	16.6	27	33	16.2	10.5
27...	1300	D	928	--	8.7	--	7.1	145	15.9	--	--	--	--
DEC													
14...	1200	9	2,460	767	9.8	88	7.0	130	11.0	40	49	14.6	9.2
FEB													
15...	1100	9	1,700	765	10.8	95	6.8	120	10.0	23	28	13.7	9.1
APR													
28...	1200	9	1,450	763	9.1	96	7.1	126	18.0	21	25	14.4	10.2
JUN													
09...	1315	9	1,080	761	6.8	86	7.0	123	27.5	22	26	12.2	9.3
20...	1300	D	654	--	7.2	--	7.0	152	25.7	--	--	--	--
AUG													
09...	1200	9	939	761	6.8	87	6.9	130	28.2	27	33	13.5	10.2

Date	Ammonia water, fltrd, mg/L as N (00608)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Particulate nitrogen, susp, water, mg/L (49570)	Total nitrogen, wat unf by analysis, mg/L (62855)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	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)
OCT													
26...	E.03	--	.71	E.004	.07	.90	.029	.078	.7	<.1	.7	5.4	--
27...	--	--	--	--	--	--	--	--	--	--	--	--	<3.6
DEC													
14...	<.04	--	.66	E.004	--	1.16	.043	.121	--	--	--	--	--
FEB													
15...	<.04	--	.62	E.006	--	1.05	.009	.075	--	--	--	--	--
APR													
28...	.05	--	.76	E.004	--	1.18	.017	.110	--	--	--	--	--
JUN													
09...	.05	.74	.75	.010	--	1.22	.046	.132	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	16.9
AUG													
09...	E.03	--	.55	E.004	--	1.12	.056	.145	--	--	--	--	--

02089500 NEUSE RIVER AT KINSTON, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Peri-phyton biomass ash weight, g/m2 (00572)	Peri-phyton biomass dry weight, g/m2 (00573)	Biomass chloro-phyll ratio, peri-phyton, number (70950)	Pheo-phytin a, peri-phyton, mg/m2 (62359)	Chloro-phyll a peri-phyton, chromo-fluoro, mg/m2 (70957)	1-Naph-thol, water, fltrd 0.7u GF ug/L (49295)	2,6-Di-ethyl-aniline water fltrd 0.7u GF ug/L (82660)	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)	3,5-Di-chloro-aniline water, fltrd, ug/L (61627)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)
OCT													
26...	--	--	--	--	--	<.09	<.006	<.005	<.006	<.004	.010	--	<.006
27...	150	155.8	36.3	27	69.0	--	--	--	--	--	--	--	--
DEC													
14...	--	--	--	--	--	<.09	<.006	<.005	<.006	<.004	.009	--	<.006
FEB													
15...	--	--	--	--	--	<.09	<.006	<.005	<.006	<.004	.006	--	<.006
APR													
28...	--	--	--	--	--	<.09	<.006	<.005	E.006	<.004	E.010	--	<.006
JUN													
09...	--	--	--	--	--	<.09	<.006	.043	<.006	<.004	<.004	<.004	<.006
20...	71	88.00	243	23	69.1	--	--	--	--	--	--	--	--
AUG													
09...	--	--	--	--	--	<.09	<.006	<.005	<.006	<.004	<.004	<.004	<.006

Date	Aceto-chlor, water, fltrd, ug/L (49260)	Ala-chlor, water, fltrd, ug/L (46342)	alpha-Endo-sulfan, water, fltrd, ug/L (34362)	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)	Carbo-furan, water, fltrd 0.7u GF ug/L (82674)	Chlor-pyrifos oxon, water, fltrd, ug/L (61636)	Chlor-pyrifos water, fltrd, ug/L (38933)	cis-Per-methrin water fltrd 0.7u GF ug/L (82687)	cis-Propi-cona-zole, water, fltrd, ug/L (79846)
OCT													
26...	<.006	.005	--	.007	<.07	<.050	<.010	E.005	--	<.06	<.005	<.006	--
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
14...	<.006	<.005	--	<.009	<.07	<.050	<.010	<.041	--	<.06	<.005	<.006	--
FEB													
15...	<.006	<.005	--	E.007	<.07	<.050	<.010	E.005	--	<.06	<.005	<.006	--
APR													
28...	<.006	.013	--	.048	<.07	<.050	<.010	<.041	--	<.06	<.005	<.006	--
JUN													
09...	<.006	.023	<.005	.075	<.07	<.050	<.010	<.041	<.020	<.06	<.064	<.006	<.008
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
09...	<.006	<.005	<.005	.009	<.07	<.050	<.010	<.041	<.020	<.06	<.005	<.006	<.008

Date	Cyana-zine, water, fltrd, ug/L (04041)	Cyflu-thrin, water, fltrd, ug/L (61585)	lambda-Cyhalo-thrin, water, fltrd, ug/L (61595)	Cyper-methrin water, fltrd, ug/L (61586)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulf-inyl fipro-nil, 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)	Disulf-oton sulfone water, fltrd, ug/L (61640)	Disul-foton, water, fltrd 0.7u GF ug/L (82677)
OCT													
26...	--	<.008	--	<.009	<.003	E.006	<.01	<.005	<.08	<.009	<.006	--	--
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
14...	--	<.008	--	<.009	<.003	<.012	<.01	<.005	<.08	<.009	<.006	--	--
FEB													
15...	--	<.027	--	<.009	<.003	<.012	<.01	<.005	<.08	<.009	<.006	--	--
APR													
28...	--	<.027	--	<.009	<.003	E.005	<.01	<.005	<.08	<.009	<.006	--	--
JUN													
09...	<.018	<.027	<.009	<.009	<.003	<.012	--	<.005	<.08	<.009	<.006	<.01	<.02
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
09...	<.018	<.027	<.009	<.009	<.003	E.005	--	<.005	<.08	<.009	<.006	<.01	<.02

02089500 NEUSE RIVER AT KINSTON, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Endosulfan sulfate water, fltrd, ug/L (61590)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Ethoprop, water, fltrd 0.7u GF ug/L (82672)	Fenamiphos sulfone water, fltrd, ug/L (61645)	Fenamiphos sulfoxide, water, fltrd, ug/L (61646)	Fenamiphos, water, fltrd, ug/L (61591)	Desulfinylfipronil amide, wat flt ug/L (62169)	Fipronil sulfide water, fltrd, ug/L (62167)	Fipronil sulfone water, fltrd, ug/L (62168)	Fipronil, water, fltrd, ug/L (62166)	Fonofos oxon, water, fltrd, ug/L (61649)
OCT													
26...	--	--	<.0020	<.004	--	<.049	<.04	<.03	<.029	E.007	<.024	E.014	<.003
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
14...	--	--	<.0020	<.004	--	<.049	--	<.03	<.029	<.013	<.024	<.016	<.003
FEB													
15...	--	--	<.0020	<.004	--	<.049	<.04	<.03	<.029	<.013	<.024	<.016	--
APR													
28...	--	--	<.0020	<.004	--	<.049	<.04	<.03	<.029	E.006	<.024	E.008	--
JUN													
09...	<.014	<.004	<.002	<.004	<.005	<.049	<.04	<.03	<.029	<.013	<.024	<.016	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
09...	<.014	<.004	<.002	<.004	<.005	<.049	<.04	<.03	<.029	E.005	<.024	E.006	--

Date	Fonofos water, fltrd, ug/L (04095)	Hexazinone, water, fltrd, ug/L (04025)	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)	Molinate, water, fltrd 0.7u GF ug/L (82671)
OCT													
26...	<.003	<.013	<.387	<.003	<.030	<.027	<.050	<.006	<.03	<.015	.010	<.006	--
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
14...	<.003	<.013	<.387	<.003	<.030	<.027	<.005	<.006	<.03	<.015	<.006	<.006	--
FEB													
15...	<.003	<.013	<.538	<.003	<.030	<.027	<.005	<.006	<.03	<.015	.006	<.006	--
APR													
28...	<.003	<.013	<.538	<.007	<.030	<.027	<.007	<.006	<.03	<.015	.019	<.006	--
JUN													
09...	<.003	<.076	<.538	<.003	<.030	<.027	<.005	<.006	<.03	<.015	<.044	<.006	<.003
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
09...	<.003	<.013	<.538	<.003	<.030	<.027	<.005	<.006	<.03	<.015	.030	<.006	<.003

Date	Myclobutanil water, fltrd, ug/L (61599)	Oxyfluorfen, water, fltrd, ug/L (61600)	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)	Propyzamide, water, fltrd 0.7u GF ug/L (82676)	Propanil, water, fltrd 0.7u GF ug/L (82679)	Propargite, water, fltrd 0.7u GF ug/L (82685)	Simazine, water, fltrd, ug/L (04035)
OCT													
26...	<.008	--	<.022	<.10	<.011	<.05	<.008	E.01	.007	<.004	--	--	.013
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
14...	<.008	--	<.022	<.10	<.011	<.05	<.008	.01	<.005	<.004	--	--	.058
FEB													
15...	<.008	--	<.022	<.10	<.011	<.05	<.008	E.01	<.005	<.004	--	--	.173
APR													
28...	<.008	--	<.022	<.10	<.011	<.05	<.008	.01	.005	<.004	--	--	.080
JUN													
09...	<.008	<.007	<.022	<.10	<.011	<.05	<.008	<.01	<.005	<.004	<.011	<.02	.046
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
09...	<.008	<.007	<.022	<.10	<.011	--	<.008	.04	.025	<.004	<.011	<.02	.022

02089500 NEUSE RIVER AT KINSTON, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Tebu-thiuron water fltrd 0.7u GF ug/L (82670)	Teflu-thrin, water, fltrd, ug/L (61606)	Ter-bufos oxon sulfone water, fltrd, ug/L (61674)	Terbu-fos, water, fltrd 0.7u GF ug/L (82675)	Ter-buthyl-azine, water, fltrd, ug/L (04022)	Thio-bencarb water fltrd 0.7u GF ug/L (82681)	trans-Propi-cona-zole, water, fltrd, ug/L (79847)	Tribu-phos, water, fltrd, ug/L (61610)	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 dis-charge, tons/d (80155)
OCT													
26...	<.02	--	<.07	<.02	.01	--	--	--	<.009	<.01	79	44	114
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
14...	<.02	--	<.07	<.02	<.01	--	--	--	<.009	<.01	95	29	193
FEB													
15...	<.02	--	<.07	<.02	<.01	--	--	--	<.009	<.01	89	24	110
APR													
28...	<.02	--	<.07	<.02	<.01	--	--	--	<.009	<.01	90	31	121
JUN													
09...	<.02	<.008	<.07	<.02	<.01	<.010	<.01	<.004	<.009	<.01	84	24	70
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
09...	<.02	<.008	<.07	<.02	<.01	<.010	<.01	<.004	<.009	<.01	80	18	46

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

Medium codes used in this table:
9 -- Surface water sample.
D-- Plant tissue sample.

02090380 CONTENTNEA CREEK NEAR LUCAMA, NC

LOCATION.--Lat 35°41'28", long 78°06'35", Wilson County, Hydrologic Unit 03020203, on right bank 250 ft upstream from bridge on State Highway 581, 1.0 mi downstream of Buckhorn Reservoir, 1.0 mi upstream from Buckhorn Branch, and 6.5 mi northwest of Lucama.

DRAINAGE AREA.--161 mi^2.

PERIOD OF RECORD.--September 1964 to current year.

REVISED RECORDS.--WDR NC-81-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 116.83 ft above NGVD of 1929 (levels by North Carolina Geodetic Survey). Satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Since September 1976, some regulation at low flow by Buckhorn Reservoir (station 02090370) 1 mi upstream. Maximum discharge for period of record, from rating curve extended above 6,000 ft^3/s, on basis of flow over dam measurement of peak flow; maximum gage height from flood marks. Minimum discharge for period of record also occurred Sept. 10-14, 1976, due to regulation. Minimum discharge for current year due to regulation.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	119	43	320	207	239	427	349	61	19	22	22	29
2	183	46	183	208	197	428	363	55	31	21	21	29
3	165	43	159	191	183	292	445	50	75	21	20	29
4	144	58	126	178	234	187	373	45	120	21	20	29
5	114	74	110	172	238	161	281	37	111	21	20	29
6	82	43	100	174	208	144	207	197	90	21	20	29
7	62	43	99	159	176	121	160	459	93	21	19	29
8	50	42	98	143	156	242	156	469	92	23	19	29
9	45	42	91	122	143	184	223	282	81	21	19	29
10	43	38	109	110	194	226	437	163	75	20	19	29
11	37	41	143	100	120	210	386	119	61	20	19	29
12	39	62	153	96	91	167	227	91	48	20	19	29
13	79	129	169	94	76	128	437	80	42	21	19	29
14	137	157	129	363	91	145	688	73	35	20	19	25
15	319	154	77	985	95	143	530	75	32	20	19	16
16	312	125	60	1,140	102	164	320	134	31	21	19	16
17	193	102	62	704	107	580	203	194	11	21	19	16
18	128	87	67	365	101	896	158	156	6.1	21	19	16
19	108	77	94	240	54	791	134	137	5.8	21	19	16
20	89	72	e160	195	58	533	120	499	4.2	21	19	19
21	72	66	e90	181	74	332	100	506	2.3	21	19	22
22	62	59	34	177	74	222	81	276	19	22	19	17
23	56	108	68	262	75	279	108	163	22	22	19	17
24	50	213	92	111	117	500	84	120	23	21	19	17
25	50	341	93	112	167	550	51	81	36	21	18	17
26	54	181	150	120	174	407	29	75	36	21	18	17
27	49	142	145	120	150	265	56	45	35	21	18	17
28	45	326	123	110	224	328	53	43	35	21	17	17
29	44	446	116	102	---	630	33	37	28	22	16	17
30	51	417	120	152	---	707	48	26	21	22	16	27
31	54	---	165	222	---	545	---	20	---	22	24	---
TOTAL	3,035	3,777	3,705	7,615	3,918	10,934	6,840	4,768	1,320.4	654	592	686
MEAN	97.9	126	120	246	140	353	228	154	44.0	21.1	19.1	22.9
MAX	319	446	320	1,140	239	896	688	506	120	23	24	29
MIN	37	38	34	94	54	121	29	20	2.3	20	16	16
CFSM	0.61	0.78	0.74	1.53	0.87	2.19	1.42	0.96	0.27	0.13	0.12	0.14
IN.	0.70	0.87	0.86	1.76	0.91	2.53	1.58	1.10	0.31	0.15	0.14	0.16

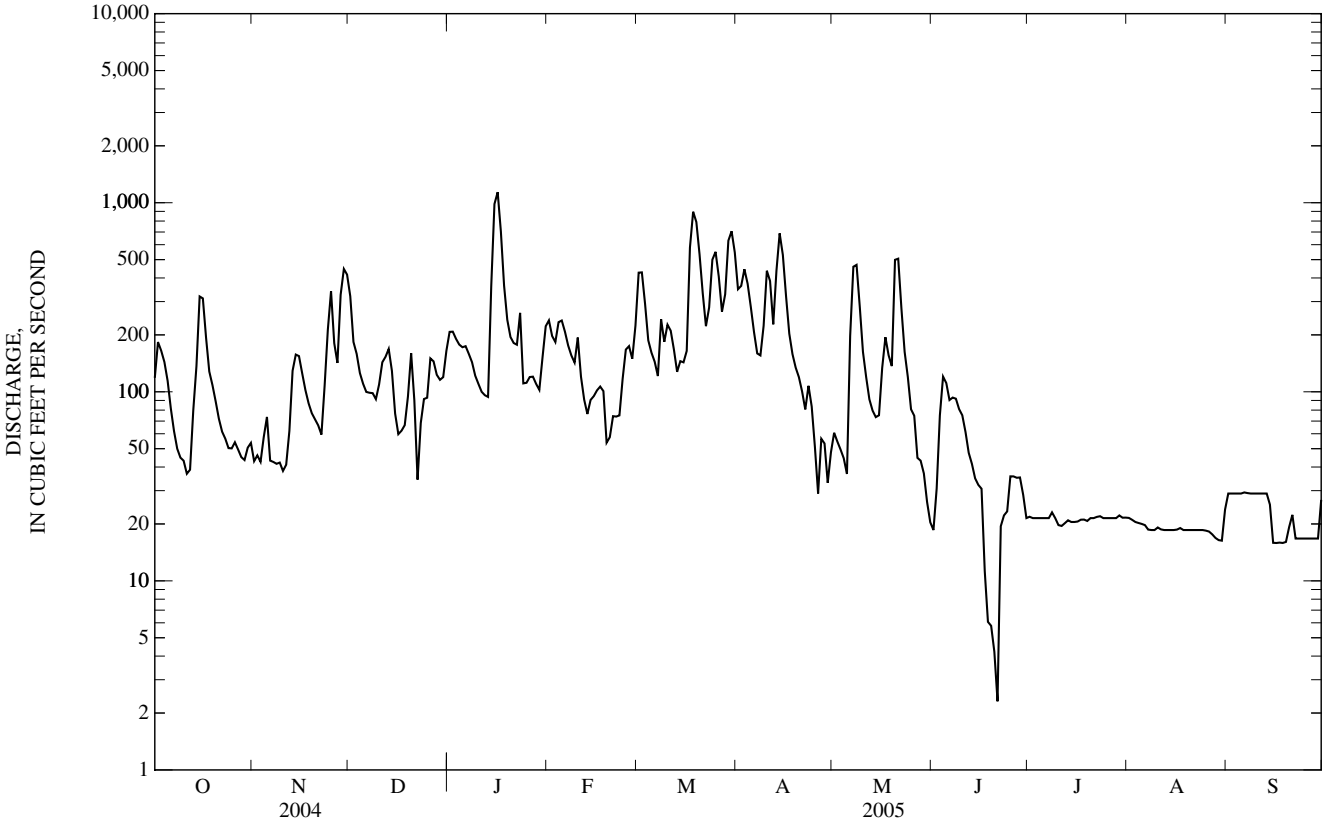
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2005, BY WATER YEAR (WY)

MEAN	84.1	91.6	139	258	301	336	204	120	93.8	85.7	108	105
MAX	644	304	404	690	633	803	701	537	359	624	512	1,326
(WY)	(1965)	(1996)	(1973)	(1987)	(1998)	(1989)	(1987)	(1989)	(1965)	(1984)	(1986)	(1999)
MIN	2.05	2.76	21.2	39.4	87.5	67.7	24.7	8.08	10.4	3.96	3.18	2.52
(WY)	(1981)	(1974)	(1966)	(1981)	(1986)	(1981)	(1986)	(1981)	(1970)	(1981)	(1980)	(1968)

02090380 CONTENTNEA CREEK NEAR LUCAMA, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1964 - 2005	
ANNUAL TOTAL	56,840		47,844.4			
ANNUAL MEAN	155		131		159	
HIGHEST ANNUAL MEAN					299	2003
LOWEST ANNUAL MEAN					35.5	1981
HIGHEST DAILY MEAN	2,620	Sep 1	1,140	Jan 16	13,000	Sep 17, 1999
LOWEST DAILY MEAN	16	May 30	2.3	Jun 21	0.04	Sep 9, 1976
ANNUAL SEVEN-DAY MINIMUM	22	May 16	10	Jun 17	0.04	Sep 8, 1976
MAXIMUM PEAK FLOW			1,230	Jan 16	24,000*	Sep 17, 1999
MAXIMUM PEAK STAGE			8.42	Jan 16	24.82*	Sep 17, 1999
INSTANTANEOUS LOW FLOW			0.78*	Jun 21	0.04*	Sep 9, 1976
ANNUAL RUNOFF (CFSM)	0.965		0.814		0.988	
ANNUAL RUNOFF (INCHES)	13.13		11.05		13.42	
10 PERCENT EXCEEDS	336		322		384	
50 PERCENT EXCEEDS	96		81		70	
90 PERCENT EXCEEDS	40		19		11	

* See REMARKS.
e Estimated.



0209050750 HOMINY SWAMP AT FOREST HILL ROAD NEAR WILSON, NC

LOCATION.--Lat 35°44'32", long 77°57'07", Wilson County, Hydrologic Unit 03020203, at bridge culvert on Forest Hills Road (Secondary Road 1165), 2.5 mi northwest of Wilson.

DRAINAGE AREA.--1.77 mi^2.

PERIOD OF RECORD.--October 2003 to current year.

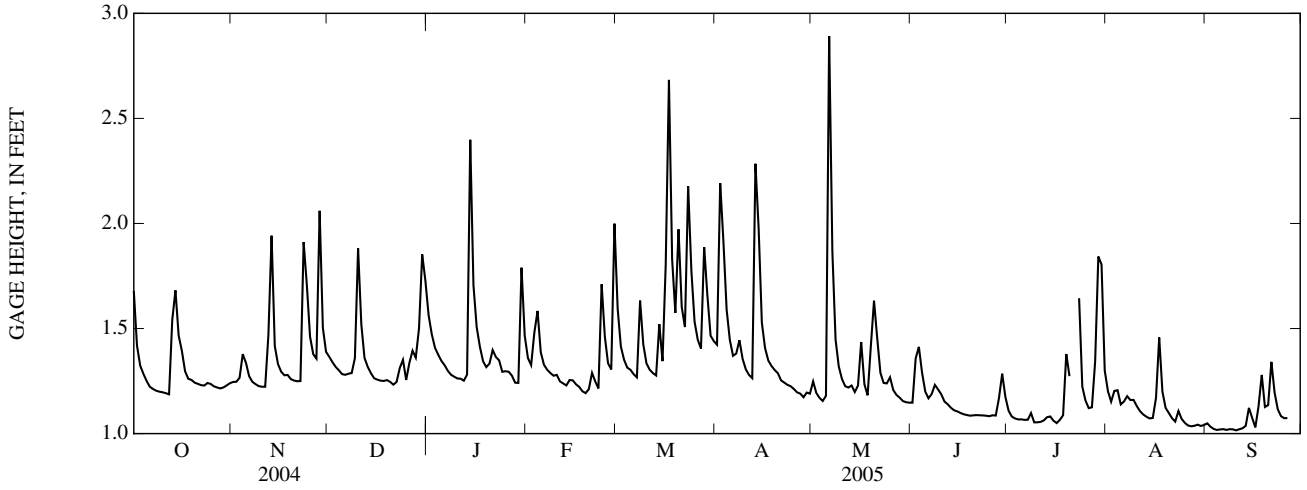
GAGE.--Water-stage recorder. Datum of gage is 109.89 ft above NAVD of 1988. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 10.55 ft, May 22, 2004; minimum gage height, 1.01 ft, Sept. 3-12.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 5.54 ft, July 22; minimum gage height, 1.01 ft, Sept. 3-12.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.68	1.25	1.37	1.56	1.36	1.59	1.42	1.25	1.15	1.11	1.20	1.05
2	1.42	1.25	1.34	1.47	1.33	1.41	2.19	1.19	1.36	1.08	1.15	1.03
3	1.32	1.27	1.32	1.41	1.48	1.35	1.92	1.17	1.41	1.07	1.20	1.02
4	1.28	1.38	1.30	1.38	1.58	1.31	1.59	1.16	1.29	1.07	1.21	1.02
5	1.25	1.34	1.28	1.35	1.39	1.30	1.45	1.18	1.20	1.07	1.14	1.02
6	1.22	1.27	1.28	1.33	1.33	1.28	1.37	2.89	1.17	1.07	1.15	1.02
7	1.21	1.25	1.28	1.30	1.30	1.27	1.38	1.87	1.19	1.07	1.18	1.02
8	1.20	1.24	1.29	1.28	1.29	1.63	1.44	1.45	1.23	1.10	1.16	1.02
9	1.20	1.23	1.36	1.27	1.28	1.42	1.36	1.32	1.21	1.05	1.16	1.02
10	1.20	1.22	1.88	1.26	1.28	1.33	1.31	1.26	1.19	1.05	1.13	1.02
11	1.19	1.22	1.52	1.26	1.25	1.30	1.28	1.23	1.15	1.06	1.11	1.02
12	1.19	1.47	1.36	1.25	1.24	1.29	1.26	1.22	1.14	1.06	1.09	1.03
13	1.54	1.94	1.32	1.28	1.23	1.28	2.28	1.23	1.12	1.08	1.08	1.04
14	1.68	1.42	1.29	2.40	1.25	1.52	1.97	1.20	1.11	1.08	1.07	1.12
15	1.47	1.33	1.26	1.71	1.25	1.34	1.53	1.23	1.11	1.06	1.07	1.08
16	1.39	1.29	1.26	1.51	1.23	1.80	1.41	1.44	1.10	1.05	1.17	1.03
17	1.30	1.28	1.25	1.41	1.22	2.68	1.35	1.23	1.09	1.07	1.46	1.13
18	1.26	1.28	1.25	1.34	1.20	1.83	1.32	1.18	1.09	1.09	1.20	1.28
19	1.26	1.26	1.25	1.32	1.19	1.57	1.30	1.41	1.09	1.38	1.12	1.13
20	1.24	1.25	1.25	1.33	1.21	1.97	1.29	1.63	1.09	1.27	1.10	1.14
21	1.24	1.25	1.23	1.40	1.29	1.60	1.25	1.45	1.09	---	1.07	1.34
22	1.23	1.25	1.25	1.36	1.25	1.51	1.24	1.29	1.09	---	1.06	1.20
23	1.23	1.91	1.31	1.35	1.22	2.18	1.23	1.24	1.09	1.64	1.11	1.12
24	1.24	1.71	1.35	1.29	1.71	1.78	1.23	1.24	1.09	1.22	1.07	1.08
25	1.24	1.46	1.26	1.30	1.46	1.53	1.21	1.27	1.08	1.16	1.05	1.07
26	1.22	1.38	1.34	1.29	1.33	1.45	1.20	1.21	1.09	1.12	1.04	1.07
27	1.22	1.36	1.39	1.28	1.31	1.40	1.19	1.18	1.09	1.13	1.03	---
28	1.21	2.06	1.36	1.24	2.00	1.89	1.17	1.17	1.17	1.34	1.04	---
29	1.22	1.50	1.50	1.24	---	1.66	1.20	1.16	1.28	1.84	1.04	---
30	1.23	1.39	1.85	1.79	---	1.47	1.19	1.15	1.17	1.80	1.04	---
31	1.24	---	1.73	1.47	---	1.44	---	1.15	---	1.30	1.04	---
MEAN	1.29	1.39	1.36	1.40	1.34	1.56	1.42	1.33	1.16	---	1.12	---
MAX	1.68	2.06	1.88	2.40	2.00	2.68	2.28	2.89	1.41	---	1.46	---
MIN	1.19	1.22	1.23	1.24	1.19	1.27	1.17	1.15	1.08	---	1.03	---



02091000 NAHUNTA SWAMP NEAR SHINE, NC

LOCATION.--Lat 35°29'20", long 77°48'22", Greene County, Hydrologic Unit 03020203, on right bank 10 ft downstream of bridge on Secondary Road 1058, 2 mi upstream from Appletree Swamp, 3.5 mi north of Shine, and 8 mi northwest of Snow Hill.

DRAINAGE AREA.--80.4 mi^2.

PERIOD OF RECORD.--April 1954 to current year. Monthly discharges only for some periods, published in WSP 1723.

REVISED RECORDS.--WDR NC-81-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 50.74 ft above NGVD of 1929. Prior to Apr. 1, 1955, nonrecording gage at same site and datum. Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records fair. Maximum discharge for period of record, on basis of slope conveyances measurement of peak flow; gage height from floodmarks. Minimum discharge for period of record also occurred Oct. 8, 1954, Aug. 11-15, 2002.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32	18	51	76	60	97	70	29	15	19	382	8.1
2	31	18	46	67	52	73	85	29	20	16	63	7.7
3	31	18	42	59	48	58	120	26	27	13	36	7.3
4	31	19	39	55	76	52	81	24	32	12	27	7.0
5	32	23	36	50	69	49	63	23	26	11	21	6.7
6	29	22	35	47	58	49	55	343	23	10	18	6.4
7	25	21	e34	46	53	48	52	494	28	9.6	17	6.8
8	22	20	e33	42	49	49	80	202	120	9.2	15	6.5
9	21	19	e32	39	47	61	70	107	58	8.6	90	6.4
10	20	20	56	e35	47	56	55	75	63	8.0	326	6.3
11	19	20	58	e33	54	50	49	56	35	8.2	87	6.1
12	18	32	47	e32	41	47	44	47	25	7.9	36	5.8
13	18	179	41	e31	38	44	149	42	21	7.9	23	5.9
14	25	73	36	122	39	48	368	40	19	9.1	19	21
15	27	46	32	231	44	56	197	37	17	9.2	16	65
16	25	37	e31	103	42	58	111	39	15	8.7	14	28
17	22	32	e29	75	42	304	84	37	13	7.9	48	15
18	20	e31	e28	61	37	274	72	31	12	7.8	35	32
19	19	33	e27	54	35	151	64	29	12	12	22	24
20	19	e31	e26	54	34	113	57	32	11	35	17	16
21	21	e30	e25	60	36	93	50	35	12	21	14	30
22	22	e29	e24	58	37	79	45	29	10	13	12	23
23	21	54	e25	56	36	158	42	25	9.3	230	11	17
24	21	86	38	49	67	197	39	23	8.9	131	11	14
25	19	61	e32	48	97	117	35	22	8.5	33	10	12
26	19	47	39	48	67	90	32	21	8.4	19	9.7	11
27	19	39	51	46	54	79	34	19	8.8	14	9.5	11
28	20	109	42	41	76	86	31	18	10	11	10	11
29	20	93	40	39	---	107	29	17	40	23	9.3	10
30	18	61	53	60	---	83	29	16	34	109	9.1	8.9
31	18	---	77	73	---	69	---	15	---	110	8.6	---
TOTAL	704	1,321	1,205	1,890	1,435	2,895	2,292	1,982	741.9	944.1	1,426.2	435.9
MEAN	22.7	44.0	38.9	61.0	51.2	93.4	76.4	63.9	24.7	30.5	46.0	14.5
MAX	32	179	77	231	97	304	368	494	120	230	382	65
MIN	18	18	24	31	34	44	29	15	8.4	7.8	8.6	5.8
CFSM	0.28	0.55	0.48	0.76	0.64	1.16	0.95	0.80	0.31	0.38	0.57	0.18
IN.	0.33	0.61	0.56	0.87	0.66	1.34	1.06	0.92	0.34	0.44	0.66	0.20

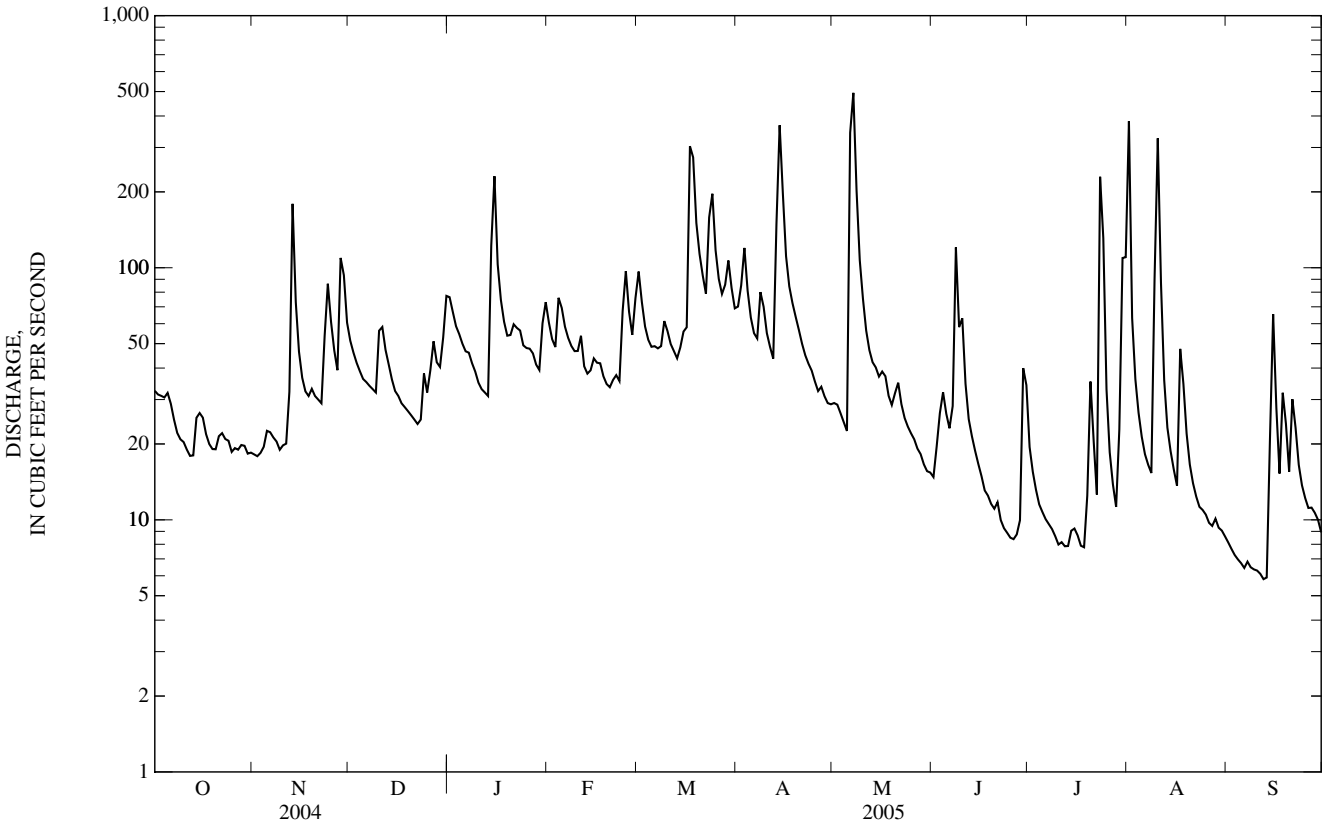
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1954 - 2005, BY WATER YEAR (WY)

MEAN	53.1	55.7	70.5	116	138	142	102	61.0	51.2	58.0	67.5	79.2
MAX	473	253	184	261	327	311	252	277	243	395	360	1,083
(WY)	(1965)	(1978)	(1958)	(1993)	(1998)	(1983)	(1974)	(1989)	(1995)	(1965)	(1974)	(1999)
MIN	2.26	11.2	19.5	29.4	34.6	33.7	19.1	10.8	5.35	3.10	4.22	2.58
(WY)	(1955)	(1987)	(2002)	(2001)	(1988)	(1986)	(1986)	(1986)	(1986)	(1987)	(2002)	(1954)

02091000 NAHUNTA SWAMP NEAR SHINE, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1954 - 2005	
ANNUAL TOTAL	20,243.3		17,272.1			
ANNUAL MEAN	55.3		47.3		83.5	
HIGHEST ANNUAL MEAN					150	1965
LOWEST ANNUAL MEAN					22.9	1986
HIGHEST DAILY MEAN	560	May 3	494	May 7	7,000	Sep 17, 1999
LOWEST DAILY MEAN	8.6	Aug 12	5.8	Sep 12	1.0	Oct 7, 1954
ANNUAL SEVEN-DAY MINIMUM	12	Aug 6	6.3	Sep 7	1.1	Aug 9, 2002
MAXIMUM PEAK FLOW			699	Aug 1	23,000*	Sep 17, 1999
MAXIMUM PEAK STAGE			7.99	Aug 1	21.00*	Sep 17, 1999
INSTANTANEOUS LOW FLOW			5.7	Sep 12	1.0	Oct 7, 1954
ANNUAL RUNOFF (CFSM)	0.688		0.589		1.04	
ANNUAL RUNOFF (INCHES)	9.37		7.99		14.11	
10 PERCENT EXCEEDS	105		86		175	
50 PERCENT EXCEEDS	39		32		44	
90 PERCENT EXCEEDS	19		9.9		11	

* See REMARKS.
e Estimated.



02091500 CONTENTNEA CREEK AT HOOKERTON, NC

LOCATION.--Lat 35°25'44", long 77°34'57", Greene County, Hydrologic Unit 03020203, on left bank at bridge on State Highway 123 at Hookerton, and 2.2 mi upstream from Wheat Swamp Creek.

DRAINAGE AREA.--733 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--November 1928 to current year.

REVISED RECORDS.--WSP 1333: 1903-35. WSP 1383: Drainage area. WSP 1503: 1951. WSP 1723: 1932. WDR NC-90-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 14.85 ft above NGVD of 1929 (U.S. Army Corps of Engineers bench mark). Prior to Nov. 26, 1934, nonrecording gage at site 1,400 ft upstream and Nov. 27, 1934, to Sept. 30, 1987, water-stage recorder at site 0.3 mi upstream at present datum. Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Buckhorn Reservoir (station 02090370) since September 1976. Maximum gage height for period of record from high-water mark inside gage house. Minimum discharge for current water year occurred Sept. 14.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of September 1928 reached a stage of 23.3 ft, from floodmark; high water of autumn 1924 was about 0.1 ft lower, from information by local resident.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	411	193	862	633	629	802	1,350	302	195	234	1,030	57
2	406	190	909	710	704	845	1,360	291	193	214	896	53
3	403	189	952	775	757	901	1,430	277	202	183	553	50
4	402	190	932	822	792	970	1,450	271	222	155	329	47
5	409	191	831	836	804	1,010	1,440	263	239	127	236	43
6	416	195	687	800	817	1,010	1,450	493	263	127	183	41
7	396	205	563	735	836	904	1,500	1,190	364	117	159	40
8	363	211	486	661	839	747	1,520	1,440	435	121	138	41
9	322	211	444	598	799	636	1,410	1,640	496	111	139	41
10	284	198	445	547	731	610	1,230	1,800	568	94	363	42
11	253	185	486	501	652	655	1,040	1,950	584	86	464	41
12	227	184	542	460	600	703	880	1,970	596	78	335	40
13	221	323	587	426	560	705	884	1,750	523	80	211	39
14	216	497	602	458	524	675	1,320	1,230	415	116	157	47
15	228	603	583	684	474	631	1,500	802	328	143	129	78
16	317	629	537	841	439	605	1,730	566	262	150	111	110
17	390	610	487	1,000	423	835	2,050	473	216	146	124	121
18	470	564	429	1,160	420	1,050	2,420	438	184	124	131	107
19	533	492	378	1,350	410	1,240	2,560	432	159	96	240	95
20	519	419	350	1,520	396	1,470	2,360	459	137	85	244	105
21	437	364	335	1,620	383	1,760	1,800	483	122	119	187	111
22	359	325	334	1,570	365	2,060	1,310	514	108	156	143	101
23	310	329	354	1,380	349	2,340	938	604	97	392	116	101
24	279	397	343	1,060	369	2,510	683	705	86	498	102	106
25	258	513	324	922	454	2,380	559	737	78	476	91	91
26	244	633	349	798	568	2,100	472	599	75	314	84	74
27	231	711	408	714	654	1,850	426	445	72	217	77	65
28	220	786	461	620	736	1,730	382	362	71	158	71	57
29	213	829	507	551	---	1,650	340	297	105	146	67	50
30	207	842	546	536	---	1,550	312	252	189	207	63	46
31	200	---	574	568	---	1,430	---	218	---	402	61	---
TOTAL	10,144	12,208	16,627	25,856	16,484	38,364	38,106	23,253	7,584	5,672	7,234	2,040
MEAN	327	407	536	834	589	1,238	1,270	750	253	183	233	68.0
MAX	533	842	952	1,620	839	2,510	2,560	1,970	596	498	1,030	121
MIN	200	184	324	426	349	605	312	218	71	78	61	39
CFSM	0.45	0.56	0.73	1.14	0.80	1.69	1.73	1.02	0.34	0.25	0.32	0.09
IN.	0.51	0.62	0.84	1.31	0.84	1.95	1.93	1.18	0.38	0.29	0.37	0.10

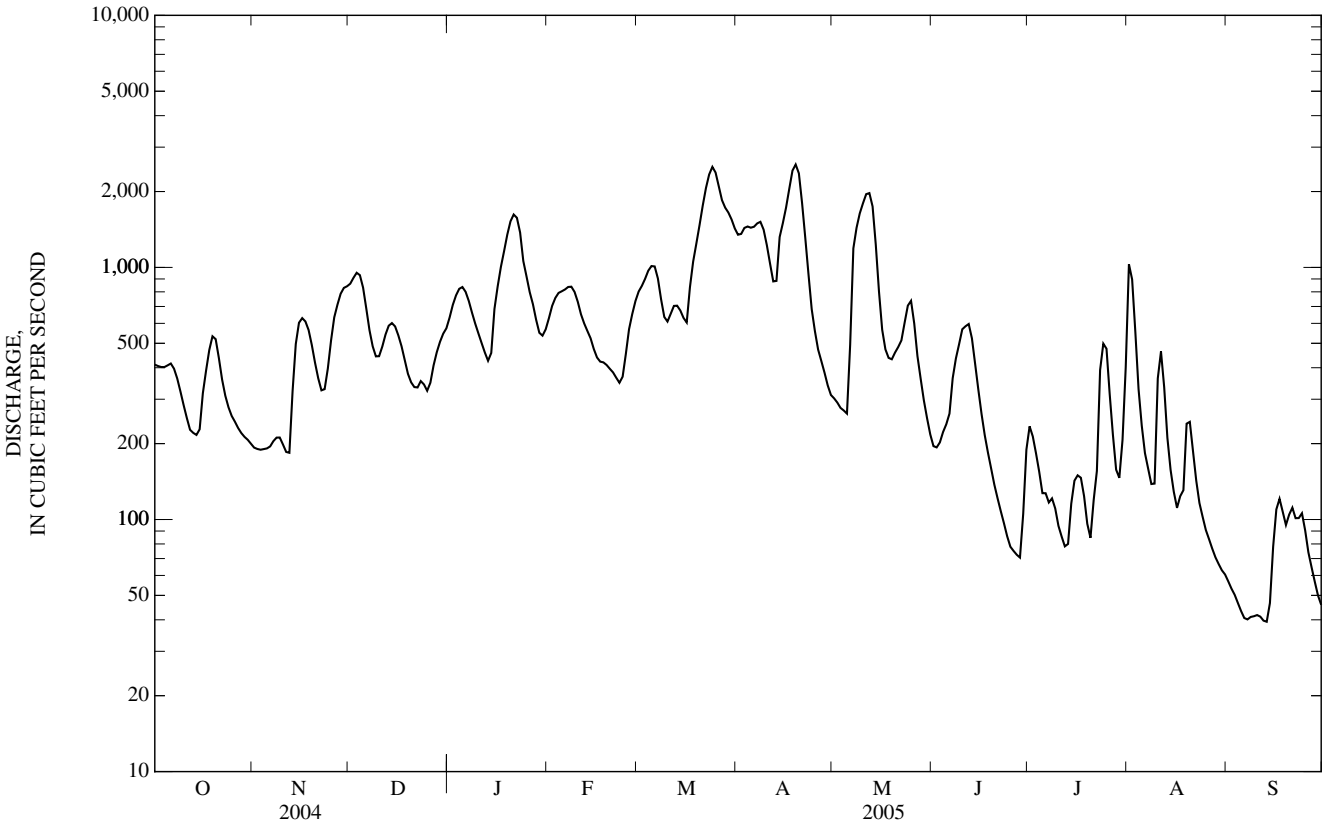
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2005, BY WATER YEAR (WY)

MEAN	504	474	689	1,109	1,370	1,443	1,038	596	461	544	632	634
MAX	4,798	2,150	2,349	2,626	4,316	3,491	2,752	3,363	1,770	2,203	2,422	8,825
(WY)	(2000)	(1948)	(1949)	(1993)	(1948)	(1989)	(1989)	(1989)	(1995)	(1929)	(1960)	(1999)
MIN	20.3	41.1	64.7	92.5	239	382	202	82.9	38.5	63.3	37.2	24.9
(WY)	(1955)	(1955)	(1934)	(1934)	(1934)	(1981)	(1986)	(1986)	(1986)	(1952)	(1954)	(1954)

02091500 CONTENTNEA CREEK AT HOOKERTON, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1929 - 2005	
ANNUAL TOTAL	248,987		203,572			
ANNUAL MEAN	680		558		779	
HIGHEST ANNUAL MEAN					1,422	1960
LOWEST ANNUAL MEAN					242	1951
HIGHEST DAILY MEAN	3,380	May 8	2,560	Apr 19	31,500	Sep 19, 1999
LOWEST DAILY MEAN	106	Jul 23	39	Sep 13	15	Oct 28, 1933
ANNUAL SEVEN-DAY MINIMUM	136	Jul 18	41	Sep 7	16	Oct 8, 1954
MAXIMUM PEAK FLOW			2,590	Apr 19	31,900	Sep 18, 1999
MAXIMUM PEAK STAGE			12.73	Apr 19	28.28*	Sep 18, 1999
INSTANTANEOUS LOW FLOW			38*	Sep 13	15	Oct 28, 1933
ANNUAL RUNOFF (CFSM)	0.928		0.761		1.06	
ANNUAL RUNOFF (INCHES)	12.64		10.33		14.44	
10 PERCENT EXCEEDS	1,400		1,370		1,890	
50 PERCENT EXCEEDS	516		420		445	
90 PERCENT EXCEEDS	191		91		87	

* See REMARKS.



02091500 CONTENTNEA CREEK AT HOOKERTON, NC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1950, 1969-72, 1979 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: March 1979 to September 1984, April 2002 to August 2004.
WATER TEMPERATURE: October 1949 to September 1950, March 1979 to September 1984, April 2002 to August 2004.

INSTRUMENTATION.--Water-quality monitor with satellite telemetry from April 2002 to August 2004. Water-quality monitor from October 1981 to September 1984.

REMARKS.--Station operated as part of NAWQA Program from March 1993 to current year. Station also operated as part of NASQAN network from March 1979 to September 1993. Miscellaneous chemical data published for water years 1945, 1947-49, 1955-67.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	307, August 29, 2002	41, June 11, 1979 (daily)
WATER TEMPERATURE, °C	31.8, August 25, 2002	1.0, January 13, 14, 1981 (daily), January 18, 1982

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

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													
26...	1100	9	244	768	8.1	81	6.8	96	15.6	20	24	11.4	6.7
DEC													
15...	0930	9	588	775	9.8	84	6.8	95	9.1	15	18	12.5	6.0
FEB													
15...	1330	9	471	765	10.8	94	6.4	101	9.3	13	15	13.6	7.0
APR													
28...	1330	9	380	763	7.8	81	6.4	101	17.1	14	18	12.5	7.5
JUN													
09...	1100	9	490	763	5.6	68	6.8	90	25.5	17	20	9.88	6.0
20...	1545	D	135	--	6.2	--	6.3	105	25.2	--	--	--	--
AUG													
09...	1045	9	123	762	5.6	70	6.7	111	27.0	20	25	11.3	8.9

Date	Ammonia water, fltrd, mg/L as N (00608)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Particulate nitrogen, susp, water, mg/L (49570)	Total nitrogen, wat unf by analysis, mg/L (62855)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	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)
OCT													
26...	E.03	--	.62	E.004	.03	1.15	.036	.086	.4	<.1	.4	8.5	--
DEC													
15...	<.04	--	.44	E.005	--	.95	.038	.074	--	--	--	--	--
FEB													
15...	E.03	.71	.72	.010	--	1.25	.014	.052	--	--	--	--	--
APR													
28...	.07	.83	.84	.011	--	1.48	.042	.112	--	--	--	--	--
JUN													
09...	E.03	.60	.61	.009	--	1.25	.044	.124	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	6.1
AUG													
09...	.09	--	.73	E.006	--	1.23	.061	.195	--	--	--	--	--

02091500 CONTENTNEA CREEK AT HOOKERTON, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	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)	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)	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)	3,5-Dichloroaniline water, fltrd, ug/L (61627)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)
OCT													
26...	--	--	--	--	--	<.09	<.006	<.005	<.006	<.004	<.004	--	<.006
DEC													
15...	--	--	--	--	--	<.09	<.006	<.005	<.006	<.004	<.004	--	<.006
FEB													
15...	--	--	--	--	--	<.09	<.006	<.005	<.006	<.004	<.004	--	<.006
APR													
28...	--	--	--	--	--	<.09	<.006	<.005	E.008	<.004	<.004	--	<.006
JUN													
09...	--	--	--	--	--	<.09	<.006	<.005	E.013	<.004	<.004	<.004	<.006
20...	43	49.10	604	4.4	10.1	--	--	--	--	--	--	--	--
AUG													
09...	--	--	--	--	--	<.09	<.006	<.005	<.006	<.004	<.004	<.004	<.006

Date	Acetochlor, water, fltrd, ug/L (49260)	Alachlor, water, fltrd, ug/L (46342)	alpha-Endosulfan, water, fltrd, ug/L (34362)	Atrazine, water, fltrd, ug/L (39632)	Azinphosmethyl oxon, water, fltrd, ug/L (61635)	Azinphosmethyl, 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)	Carbofuran, water, fltrd 0.7u GF ug/L (82674)	Chlorpyrifos oxon, water, fltrd, ug/L (61636)	Chlorpyrifos water, fltrd, ug/L (38933)	cis-Permethrin water fltrd 0.7u GF ug/L (82687)	cis-Propiconazole, water, fltrd, ug/L (79846)
OCT													
26...	<.006	<.007	--	.008	<.07	<.050	<.010	<.041	--	<.06	<.005	<.006	--
DEC													
15...	<.006	<.005	--	<.015	<.07	<.050	<.010	<.041	--	<.06	<.005	<.006	--
FEB													
15...	<.006	<.005	--	.011	<.07	<.050	<.010	<.041	--	<.06	<.005	<.006	--
APR													
28...	<.006	.009	--	.108	<.07	<.050	<.010	<.041	--	<.06	<.005	<.006	--
JUN													
09...	<.006	E.006	<.005	.493	<.07	<.050	<.010	E.007	<.020	<.06	E.004	<.006	<.008
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
09...	<.006	<.005	<.005	.024	<.07	<.050	<.010	<.041	<.020	<.06	<.005	<.006	<.008

Date	Cyanazine, water, fltrd, ug/L (04041)	Cyfluthrin, water, fltrd, ug/L (61585)	lambda-Cyhalothrin, water, fltrd, ug/L (61595)	Cypermethrin water, fltrd, ug/L (61586)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulfinyl fipronil, water, fltrd, ug/L (62170)	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)	Disulfoton sulfone water, fltrd, ug/L (61640)	Disulfoton, water, fltrd 0.7u GF ug/L (82677)
OCT													
26...	--	<.008	--	<.009	<.003	E.005	<.01	<.005	<.08	<.009	<.006	--	--
DEC													
15...	--	<.008	--	<.009	<.003	<.012	<.01	<.005	<.08	<.009	<.006	--	--
FEB													
15...	--	<.027	--	<.009	<.003	<.012	<.01	E.004	<.08	<.009	<.006	--	--
APR													
28...	--	<.027	--	<.009	<.003	E.004	<.01	<.005	<.08	<.009	<.006	--	--
JUN													
09...	<.018	<.027	<.009	<.009	<.003	E.004	--	<.005	<.08	<.009	<.006	<.01	<.02
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
09...	<.018	<.027	<.009	<.009	<.003	E.004	--	<.005	<.08	<.009	<.006	<.01	<.02

02091500 CONTENTNEA CREEK AT HOOKERTON, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Endosulfan sulfate water, fltrd, ug/L (61590)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Ethoprop, water, fltrd 0.7u GF ug/L (82672)	Fenamiphos sulfone water, fltrd, ug/L (61645)	Fenamiphos sulfoxide, water, fltrd, ug/L (61646)	Fenamiphos, water, fltrd, ug/L (61591)	Desulfinylfipronil amide, wat flt ug/L (62169)	Fipronil sulfide water, fltrd, ug/L (62167)	Fipronil sulfone water, fltrd, ug/L (62168)	Fipronil, water, fltrd, ug/L (62166)	Fonofos oxon, water, fltrd, ug/L (61649)
OCT													
26...	--	--	<.0020	<.004	--	<.049	<.04	<.03	<.029	E.007	<.024	E.007	<.003
DEC													
15...	--	--	<.0020	<.004	--	<.049	--	<.03	<.029	<.013	<.024	<.016	<.003
FEB													
15...	--	--	<.0020	<.004	--	<.049	<.04	<.03	<.029	<.013	<.024	<.016	--
APR													
28...	--	--	<.0020	<.004	--	<.049	<.04	<.03	<.029	E.005	<.024	E.007	--
JUN													
09...	<.014	<.004	<.002	<.004	<.005	<.049	<.04	<.03	<.029	E.005	<.024	E.007	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
09...	<.014	<.004	<.002	<.004	<.005	<.049	<.04	<.03	<.029	<.013	<.024	<.016	--

Date	Fonofos water, fltrd, ug/L (04095)	Hexazinone, water, fltrd, ug/L (04025)	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)	Molinate, water, fltrd 0.7u GF ug/L (82671)
OCT													
26...	<.003	<.013	<.387	<.003	<.030	<.027	<.050	<.006	<.03	<.015	.019	<.006	--
DEC													
15...	<.003	<.013	<.387	<.003	<.030	<.027	<.005	<.006	<.03	<.015	<.015	<.006	--
FEB													
15...	<.003	<.013	<.538	<.003	<.030	<.027	<.005	<.006	<.03	<.015	.010	<.006	--
APR													
28...	<.003	<.013	<.538	<.003	<.030	<.027	.009	<.006	<.03	<.015	.054	<.006	--
JUN													
09...	<.003	<.013	<.538	<.003	<.030	<.027	.010	<.006	<.03	<.015	.317	<.006	<.003
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
09...	<.003	<.013	<.538	<.003	<.030	<.027	<.005	<.006	<.03	<.015	.028	<.006	<.003

Date	Myclobutanil water, fltrd, ug/L (61599)	Oxyfluorfen, water, fltrd, ug/L (61600)	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)	Propyzamide, water, fltrd 0.7u GF ug/L (82676)	Propanil, water, fltrd 0.7u GF ug/L (82679)	Propargite, water, fltrd 0.7u GF ug/L (82685)	Simazine, water, fltrd, ug/L (04035)
OCT													
26...	<.008	--	<.022	<.10	<.011	<.05	<.008	E.01	.018	<.004	--	--	.008
DEC													
15...	<.008	--	<.022	<.10	<.011	<.05	<.008	.01	.014	<.004	--	--	.013
FEB													
15...	<.008	--	<.022	<.10	<.011	<.05	<.008	E.01	.008	<.004	--	--	.031
APR													
28...	<.008	--	<.022	<.10	<.011	<.05	<.008	.02	.009	<.004	--	--	.076
JUN													
09...	<.008	<.007	<.022	<.10	<.011	<.05	<.008	.02	.010	<.004	<.011	<.02	.056
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
09...	<.008	<.007	<.022	<.10	<.011	--	<.008	.02	.060	<.004	<.011	<.02	.019

02091500 CONTENTNEA CREEK AT HOOKERTON, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Tebu-thiuron water fltrd 0.7u GF ug/L (82670)	Teflu-thrin, water, fltrd, ug/L (61606)	Ter-bufos oxon sulfone water, fltrd, ug/L (61674)	Terbu-fos, water, fltrd 0.7u GF ug/L (82675)	Ter-buthyl-azine, water, fltrd, ug/L (04022)	Thio-bencarb water fltrd 0.7u GF ug/L (82681)	trans-Propi-cona-zole, water, fltrd, ug/L (79847)	Tribu-phos, water, fltrd, ug/L (61610)	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 dis-charge, tons/d (80155)
OCT													
26...	<.02	--	<.07	<.02	<.01	--	--	--	<.009	<.01	96	8	5.3
DEC													
15...	<.02	--	<.07	<.02	<.01	--	--	--	<.009	<.01	93	23	37
FEB													
15...	<.02	--	<.07	<.02	<.01	--	--	--	<.009	<.01	91	11	14
APR													
28...	<.02	--	<.07	<.02	E.01	--	--	--	<.009	<.01	90	10	10
JUN													
09...	<.02	<.008	<.07	<.02	<.01	<.010	<.01	<.004	<.009	<.01	91	13	17
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
09...	<.02	<.008	<.07	<.02	<.01	<.010	<.01	<.004	<.009	<.01	94	31	10

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

Medium codes used in this table:
9 -- Surface water sample.
D -- Plant tissue sample.

0209173190 UNNAMED TRIBUTARY TO SANDY RUN NEAR LIZZIE, NC

LOCATION.--Lat 35°31'31", long 77°33'46", Greene County, Hydrologic Unit 03020203, approximately 6.0 mi south of Farmville.

DRAINAGE AREA.-- Aproximately 0.57 mi^2.

PERIOD OF RECORD.--April 1999 to September 2001, June 2002 to current year.

GAGE.--Water-stage recorder. Datum of gage is 48.50 ft above NGVD of 1929. Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records poor. Station operated in cooperation with the U.S. Environmental Protection Agency and the North Carolina Department of Environment and Natural Resources to monitor water quality changes in an agricultural watershed. Maximum discharge for period of record from rating curve extended above 10 ft^3/s by logarithmic plotting. No flow occurs on many days during most years. Discharge for period Oct. 2001 to May 2002 not published due to beaver activity affecting the accuracy of the data.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.04	0.01	0.16	0.28	0.31	0.64	0.40	0.20	0.02	0.02	0.38	0.00
2	0.03	0.01	0.13	0.25	0.28	0.46	1.4	0.18	0.06	0.01	0.10	0.00
3	0.02	0.01	0.12	0.22	0.30	0.38	0.92	0.19	0.04	0.01	0.04	0.00
4	0.05	0.01	0.10	0.21	0.34	0.33	0.58	0.18	0.04	0.01	0.02	0.00
5	0.03	0.02	0.09	0.19	0.30	0.30	0.44	0.21	0.02	0.13	0.01	0.00
6	0.02	0.01	0.08	0.18	0.26	0.27	0.37	4.0	0.06	0.04	0.01	0.00
7	0.02	0.01	0.09	0.16	0.25	0.25	0.37	2.6	0.08	0.01	0.02	0.00
8	0.02	0.01	0.10	0.15	0.23	0.30	0.54	1.0	0.12	0.00	0.01	0.00
9	0.02	0.01	0.15	0.14	0.23	0.26	0.43	0.53	0.03	0.00	2.3	0.00
10	0.01	0.01	0.23	0.14	0.21	0.24	0.33	0.42	0.03	0.00	0.37	0.00
11	0.01	0.01	0.20	0.12	0.17	0.23	0.28	0.32	0.03	0.00	0.14	0.00
12	0.01	0.11	0.15	0.12	0.16	0.21	0.26	0.21	0.02	0.00	0.07	0.00
13	0.02	0.56	0.14	0.11	0.15	0.18	1.9	0.29	0.02	0.00	0.04	0.00
14	0.02	0.15	0.11	1.7	0.17	0.32	2.9	0.21	0.02	0.01	0.02	0.15
15	0.03	0.09	0.09	0.70	0.18	0.27	1.2	0.16	0.01	0.01	0.02	0.02
16	0.02	0.07	0.09	0.50	0.18	0.94	0.74	0.16	0.01	0.00	0.01	0.01
17	0.02	0.06	0.09	0.40	0.18	3.6	0.53	0.12	0.00	0.01	0.16	0.00
18	0.01	0.05	0.09	0.33	0.15	1.8	0.43	0.08	0.00	0.01	0.03	0.00
19	0.07	0.04	0.09	0.31	0.16	1.0	0.35	0.09	0.00	0.00	0.02	0.00
20	0.05	0.03	0.08	0.30	0.15	1.2	0.35	0.08	0.00	0.00	0.02	0.00
21	0.03	0.02	0.08	0.29	0.17	0.86	0.26	0.09	0.00	0.00	0.02	0.00
22	0.02	0.01	0.08	0.29	0.15	0.67	0.26	0.07	0.00	0.00	0.01	0.00
23	0.02	0.29	0.12	0.26	0.15	3.4	0.30	0.05	0.00	0.01	0.00	0.00
24	0.01	0.23	0.10	0.23	0.54	2.2	0.20	0.03	0.00	0.00	0.00	0.00
25	0.01	0.18	0.08	0.23	0.39	1.1	0.22	0.04	0.00	0.00	0.00	0.00
26	0.01	0.13	0.17	0.22	0.31	0.80	0.25	0.04	0.00	0.00	0.00	0.00
27	0.01	0.11	0.16	0.19	0.28	0.65	0.26	0.04	0.00	0.00	0.00	0.00
28	0.01	0.29	0.16	0.17	0.88	0.68	0.22	0.02	0.18	0.00	0.00	0.00
29	0.01	0.20	0.25	0.17	---	0.59	0.24	0.02	0.32	0.04	0.00	0.00
30	0.01	0.17	0.36	0.50	---	0.47	0.22	0.02	0.03	0.07	0.00	0.00
31	0.01	---	0.32	0.38	---	0.42	---	0.02	---	1.4	0.00	---
TOTAL	0.67	2.91	4.26	9.44	7.23	25.02	17.15	11.67	1.14	1.79	3.82	0.18
MEAN	0.02	0.10	0.14	0.30	0.26	0.81	0.57	0.38	0.04	0.06	0.12	0.01
MAX	0.07	0.56	0.36	1.7	0.88	3.6	2.9	4.0	0.32	1.4	2.3	0.15
MIN	0.01	0.01	0.08	0.11	0.15	0.18	0.20	0.02	0.00	0.00	0.00	0.00
CFSM	0.04	0.17	0.24	0.53	0.45	1.42	1.00	0.66	0.07	0.10	0.22	0.01
IN.	0.04	0.19	0.28	0.62	0.47	1.63	1.12	0.76	0.07	0.12	0.25	0.01

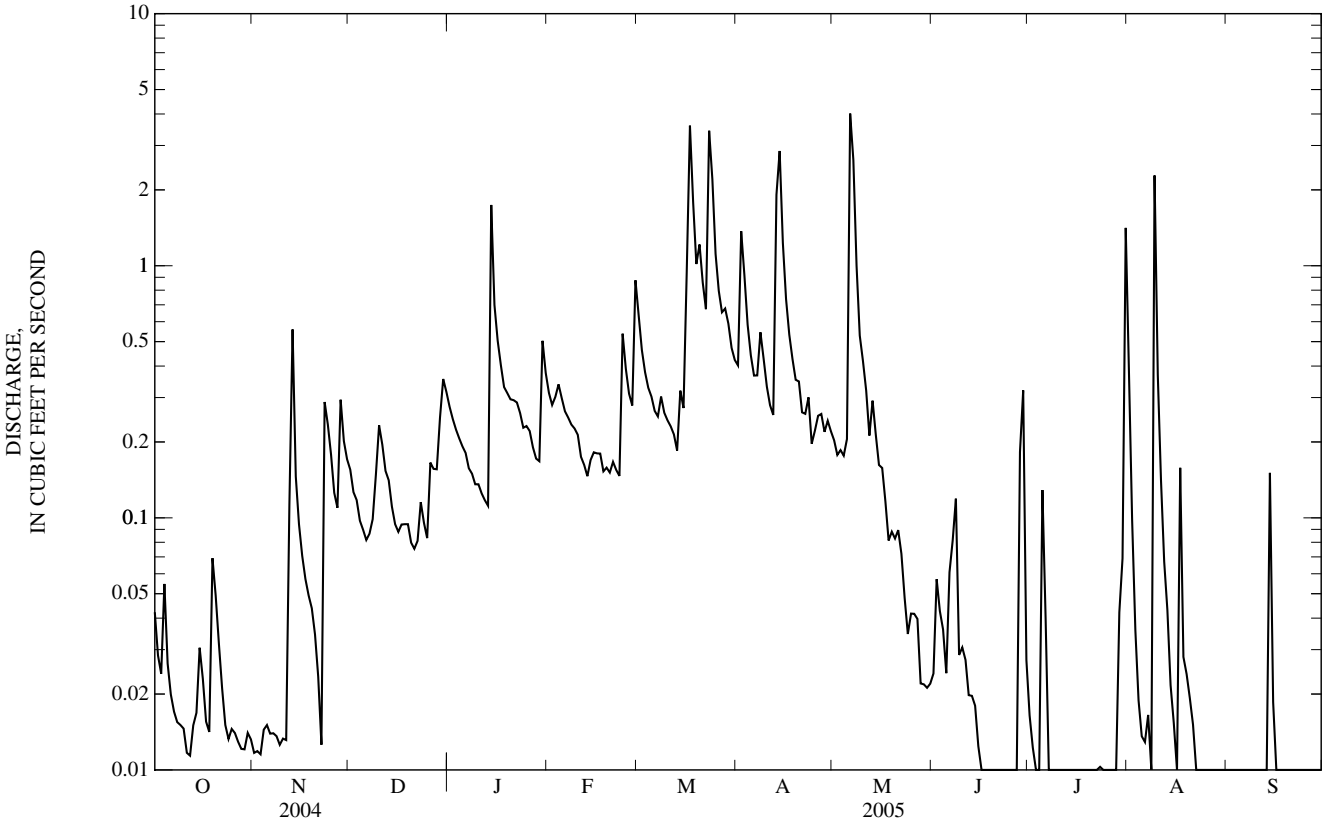
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2005,@ BY WATER YEAR (WY)

MEAN	0.60	0.40	0.49	0.24	0.57	0.77	0.42	0.61	0.22	0.16	0.47	2.45
MAX	2.06	0.80	1.28	0.30	1.04	1.49	1.06	2.60	1.13	0.62	2.39	15.4
(WY)	(2000)	(2004)	(2004)	(2005)	(2003)	(2003)	(2003)	(2003)	(2001)	(2003)	(2003)	(1999)
MIN	0.02	0.05	0.09	0.13	0.20	0.30	0.11	0.08	0.02	0.01	0.00	0.00
(WY)	(2005)	(2001)	(2001)	(2001)	(2001)	(2000)	(2004)	(2001)	(2004)	(2000)	(2002)	(2002)

0209173190 UNNAMED TRIBUTARY TO SANDY RUN NEAR LIZZIE, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1999 - 2005[@]	
ANNUAL TOTAL	82.29		85.28			
ANNUAL MEAN	0.22		0.23		0.48	
HIGHEST ANNUAL MEAN					1.01	2003
LOWEST ANNUAL MEAN					0.23	2005
HIGHEST DAILY MEAN	8.9	Aug 14	4.0	May 6	283	Sep 16, 1999
LOWEST DAILY MEAN	0.00	Jun 3	0.00	Jun 17	0.00	Jun 10, 1999
ANNUAL SEVEN-DAY MINIMUM	0.00	Jun 9	0.00	Jun 17	0.00	Jul 30, 1999
MAXIMUM PEAK FLOW			29	Aug 9	500	Sep 16, 1999
MAXIMUM PEAK STAGE			2.21	Aug 9	5.18	Sep 16, 1999
INSTANTANEOUS LOW FLOW			0.00*	Jun 17	0.00*	Jun 10, 1999
ANNUAL RUNOFF (CFSM)	0.394		0.410		0.842	
ANNUAL RUNOFF (INCHES)	5.37		5.57		11.44	
10 PERCENT EXCEEDS	0.44		0.50		0.95	
50 PERCENT EXCEEDS	0.08		0.09		0.16	
90 PERCENT EXCEEDS	0.01		0.00		0.01	

[@] See PERIOD OF RECORD.
* See REMARKS.



353137077332801 WEATHER STATION #2 NEAR LIZZIE, NC

LOCATION.--Lat 35°31'43", long 77°33'28", Greene County, Hydrologic Unit 03020203, approximately 6.0 mi south of Farmville.

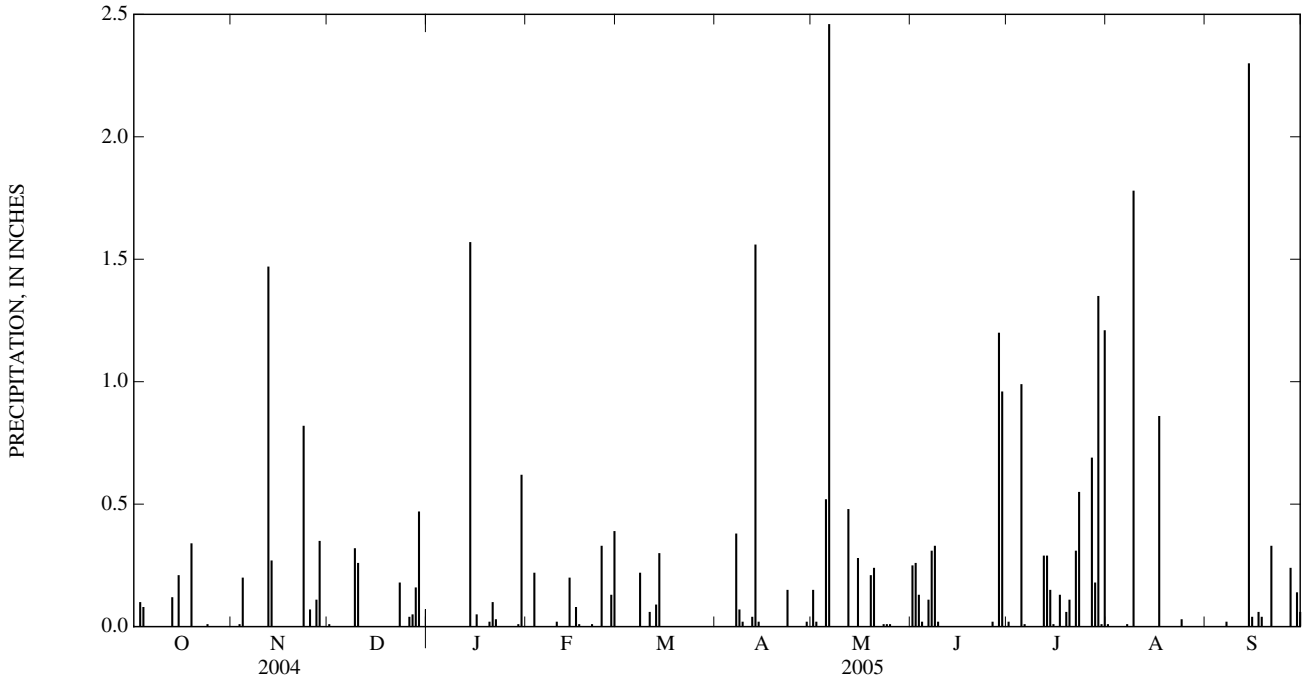
PERIOD OF RECORD.--November 2000 to current year.

GAGE.--Tipping-bucket raingage. Satellite telemetry at station.

REMARKS.--Precipition gage is operated in cooperation with the U.S. Environmental Protection Agency and the North Carolina Department of Environment and Natural Resources to monitor water quality changes in an agricultural watershed. Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.01	0.00	0.00	0.00	---	0.15	0.25	0.02	0.01	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	---	0.02	0.26	0.00	0.00	0.00
3	0.10	0.01	0.00	0.00	0.22	0.00	---	0.00	0.13	0.00	0.00	0.00
4	0.08	0.20	0.00	0.00	0.00	0.00	---	0.00	0.02	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	---	0.52	0.00	0.99	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.46	0.11	0.01	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.31	0.00	0.01	0.02
8	0.00	0.00	0.00	0.00	0.00	0.22	0.07	0.00	0.33	0.00	0.00	0.00
9	0.00	0.00	0.32	0.00	0.00	0.00	0.02	0.00	0.02	0.00	1.78	0.00
10	0.00	0.00	0.26	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	1.47	0.00	0.00	0.00	0.00	0.04	0.48	0.00	0.29	0.00	0.00
13	0.12	0.27	0.00	0.00	0.00	0.09	1.56	0.00	0.00	0.29	0.00	0.00
14	0.00	0.00	0.00	1.57	0.20	0.30	0.02	0.00	0.00	0.15	0.00	2.30
15	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.01	0.00	0.04
16	0.00	0.00	0.00	0.05	0.08	---	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.01	---	0.00	0.00	0.00	0.13	0.86	0.06
18	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.04
19	0.34	0.00	0.00	0.00	0.00	---	0.00	0.21	0.00	0.06	0.00	0.00
20	0.00	0.00	0.00	0.02	0.00	---	0.00	0.24	0.00	0.11	0.00	0.00
21	0.00	0.00	0.00	0.10	0.01	---	0.00	0.00	0.00	0.00	0.00	0.33
22	0.00	0.00	0.00	0.03	0.00	---	0.00	0.00	0.00	0.31	0.00	0.00
23	0.00	0.82	0.18	0.00	0.00	---	0.15	0.01	0.00	0.55	0.00	0.00
24	0.01	0.00	0.00	0.00	0.33	---	0.00	0.01	0.00	0.00	0.03	0.00
25	0.00	0.07	0.00	0.00	0.00	---	0.00	0.01	0.00	0.00	0.00	0.00
26	0.00	0.00	0.04	0.00	0.00	---	0.00	0.00	0.02	0.00	0.00	0.00
27	0.00	0.11	0.05	0.00	0.13	---	0.00	0.00	0.00	0.69	0.00	0.24
28	0.00	0.35	0.16	0.00	0.39	---	0.00	0.00	1.20	0.18	0.00	0.00
29	0.00	0.00	0.47	0.01	---	---	0.02	0.00	0.96	1.35	0.00	0.14
30	0.00	0.00	0.00	0.62	---	---	0.00	0.00	0.00	0.01	0.00	0.06
31	0.00	---	0.00	0.00	---	---	---	0.00	---	1.21	0.00	---
TOTAL	0.86	3.30	1.49	2.40	1.39	---	---	4.39	3.61	6.36	2.69	3.23



02091736 MIDDLE SWAMP NEAR FARMVILLE, NC

LOCATION.--Lat 35°31'58", long 77°32'43", Pitt County, Hydrologic Unit 03020203, at bridge on Secondary Road 1139, 1.2 mi above mouth and 5 mi southeast of Farmville.

DRAINAGE AREA.-- 51.0 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1999 to March 2005 (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 45 ft above NGVD of 1929, from topographic map. Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records fair. Station operated in cooperation with the U.S. Environmental Protection Agency and the North Carolina Department of Environment and Natural Resources to monitor water quality changes in an agricultural watershed. Maximum gage height for period of record probably occurred on Sept. 17, 1999, discharge not determined. Maximum gage height from floodmarks. No flow also occurred on June 10, 1999; and on several days in Sept. and Oct. 2002.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.1	4.0	17	24	46	93	---	---	---	---	---	---
2	7.0	4.3	13	21	35	77	---	---	---	---	---	---
3	6.1	4.5	11	19	32	59	---	---	---	---	---	---
4	4.8	4.7	9.6	16	39	41	---	---	---	---	---	---
5	3.3	4.5	8.5	14	39	32	---	---	---	---	---	---
6	2.2	3.4	7.7	11	36	27	---	---	---	---	---	---
7	1.8	3.3	7.0	9.3	31	23	---	---	---	---	---	---
8	1.5	3.6	6.6	9.0	27	25	---	---	---	---	---	---
9	1.4	3.6	7.1	7.9	24	31	---	---	---	---	---	---
10	1.5	3.5	15	6.6	21	30	---	---	---	---	---	---
11	1.6	3.5	17	6.1	19	26	---	---	---	---	---	---
12	1.6	4.4	15	6.7	17	25	---	---	---	---	---	---
13	1.7	16	12	6.1	15	22	---	---	---	---	---	---
14	1.9	48	9.3	65	16	31	---	---	---	---	---	---
15	2.2	23	7.7	137	18	---	---	---	---	---	---	---
16	2.4	16	6.5	101	19	---	---	---	---	---	---	---
17	2.5	14	6.2	78	20	---	---	---	---	---	---	---
18	2.5	11	5.9	54	17	---	---	---	---	---	---	---
19	3.0	8.3	5.7	38	16	---	---	---	---	---	---	---
20	3.0	6.4	5.5	35	14	---	---	---	---	---	---	---
21	3.0	4.7	5.0	36	13	---	---	---	---	---	---	---
22	3.1	4.0	5.3	34	13	---	---	---	---	---	---	---
23	3.0	9.2	6.2	33	12	---	---	---	---	---	---	---
24	2.9	19	6.2	27	37	---	---	---	---	---	---	---
25	2.9	23	6.3	26	78	---	---	---	---	---	---	---
26	2.8	17	13	25	56	---	---	---	---	---	---	---
27	3.0	14	17	22	41	---	---	---	---	---	---	---
28	3.2	22	16	19	73	---	---	---	---	---	---	---
29	3.3	27	15	17	---	---	---	---	---	---	---	---
30	3.4	22	21	35	---	---	---	---	---	---	---	---
31	3.6	---	25	57	---	---	---	---	---	---	---	---
TOTAL	94.3	351.9	329.3	995.7	824	542	---	---	---	---	---	---
MEAN	3.04	11.7	10.6	32.1	29.4	38.7	---	---	---	---	---	---
MAX	8.1	48	25	137	78	93	---	---	---	---	---	---
MIN	1.4	3.3	5.0	6.1	12	22	---	---	---	---	---	---
CFSM	0.06	0.23	0.21	0.63	0.58	0.76	---	---	---	---	---	---
IN.	0.07	0.26	0.24	0.73	0.60	0.40	---	---	---	---	---	---

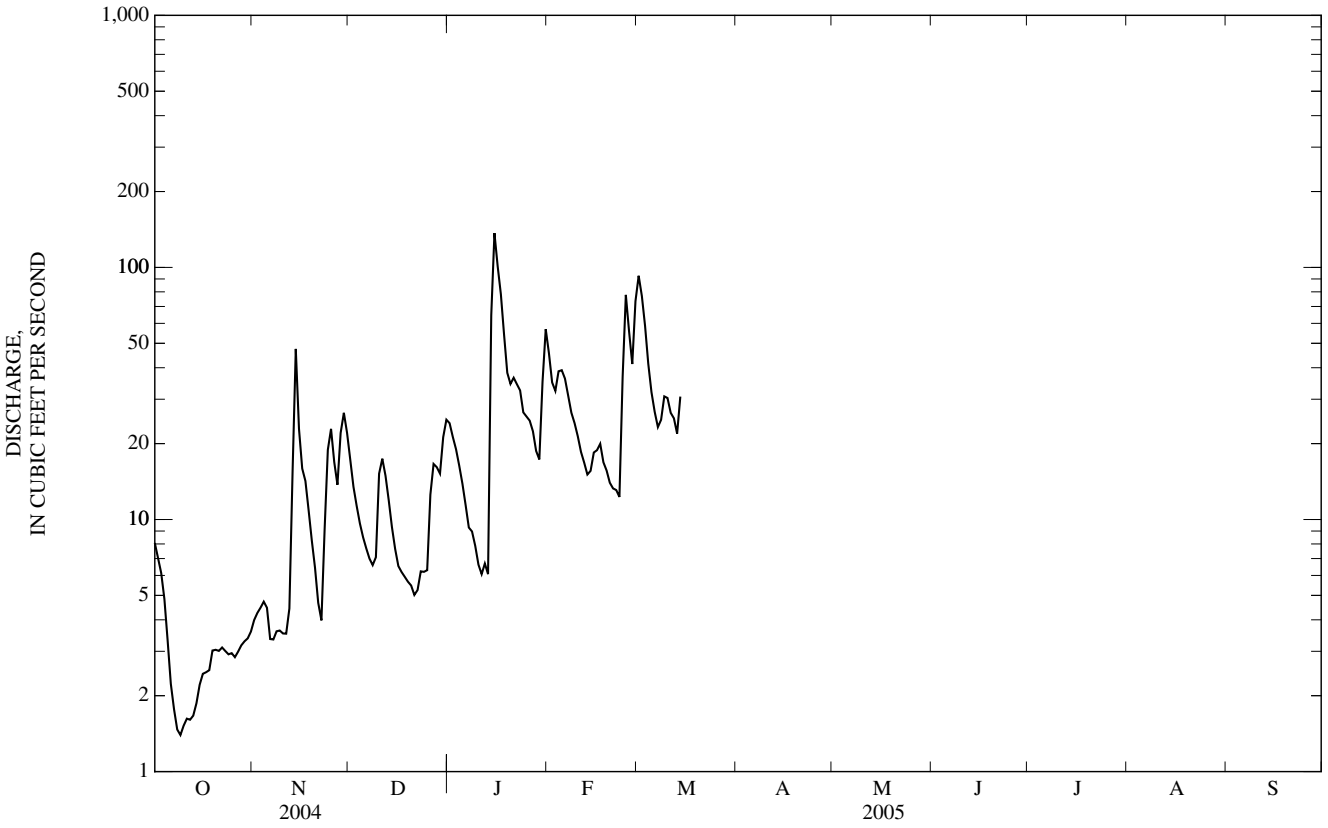
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2005, BY WATER YEAR (WY)

MEAN	40.8	30.2	35.2	36.3	58.0	63.5	53.4	46.5	17.1	22.6	49.0	111
MAX	166	61.0	92.0	91.1	98.3	180	150	173	48.3	111	232	462
(WY)	(2000)	(2004)	(2004)	(2000)	(2000)	(2003)	(2003)	(2003)	(2001)	(2003)	(2003)	(1999)
MIN	0.52	0.35	0.52	9.29	22.1	21.4	20.1	2.09	0.50	1.77	0.16	0.01
(WY)	(2002)	(2002)	(2002)	(2001)	(2001)	(2002)	(1999)	(2001)	(2002)	(2000)	(1999)	(2002)

02091736 MIDDLE SWAMP NEAR FARMVILLE, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1999 - 2005	
ANNUAL TOTAL	8,630.63					
ANNUAL MEAN	23.6				45.0	
HIGHEST ANNUAL MEAN					107	2003
LOWEST ANNUAL MEAN					14.1	2002
HIGHEST DAILY MEAN	378	Aug 15	137	Jan 15	3,000	Sep 17, 1999
LOWEST DAILY MEAN	0.16	Jul 18	1.4	Oct 9	0.00	Sep 6, 2002
ANNUAL SEVEN-DAY MINIMUM	0.25	Jul 16	1.6	Oct 7	0.00	Sep 6, 2002
MAXIMUM PEAK FLOW			153	Jan 15	NOT DETERMINED	
MAXIMUM PEAK STAGE			7.33	Jan 15	19.03*	Sep 17, 1999
INSTANTANEOUS LOW FLOW			1.3	Oct 9	0.00*	Jun 9, 1999
ANNUAL RUNOFF (CFSM)	0.462				0.882	
ANNUAL RUNOFF (INCHES)	6.30				11.98	
10 PERCENT EXCEEDS	54				126	
50 PERCENT EXCEEDS	8.8				13	
90 PERCENT EXCEEDS	1.2				0.47	

* See REMARKS.



02091814 NEUSE RIVER NEAR FORT BARNWELL, NC

LOCATION.--Lat 35°18'50", long 77°18'10", Craven County, Hydrologic Unit 03020202, on left bank 0.2 mi upstream from bridge on Secondary Road 1470, 1.5 mi upstream from Core Creek and 2.0 mi east of Fort Barnwell.

DRAINAGE AREA.--3,900 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--Occasional measurements water years 1955-1995, October 1996 to current year.
REVISED RECORDS.--WDR NC-02-1A: 2001(M).

GAGE.--Water-stage recorder and acoustic velocity meter. Datum of gage is at NGVD of 1929. Satellite telemetry at station.

REMARKS.--Records good, except those for estimated daily discharges, which are fair. Maximum gage height for period of record, from floodmarks. Flow regulated by Falls Lake (station 02087182) and is affected by both astronomical and wind tides.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,720	1,040	3,790	2,870	3,160	3,810	6,810	1,720	1,070	1,420	2,860	712
2	2,480	1,040	4,170	2,960	3,150	3,920	7,040	1,640	1,080	1,370	3,510	689
3	2,320	1,010	4,460	3,150	3,390	4,020	7,350	1,540	1,120	1,510	4,030	655
4	2,360	1,040	4,550	3,310	3,600	4,420	7,320	1,510	1,090	1,470	3,970	634
5	2,490	1,030	4,570	3,390	3,710	4,860	7,110	1,530	1,150	1,250	3,490	595
6	2,420	1,020	4,380	3,440	3,790	5,150	7,020	2,020	1,340	1,060	2,740	631
7	2,250	1,020	4,070	3,380	3,980	5,300	6,730	3,480	1,490	987	2,000	628
8	2,110	1,010	3,650	3,230	4,270	5,340	6,680	4,520	1,550	1,030	1,460	590
9	1,990	1,100	3,220	3,030	4,480	5,110	6,530	5,330	1,710	1,010	1,210	553
10	1,800	1,070	3,020	2,830	4,450	4,640	6,380	5,950	1,730	948	1,280	537
11	1,610	1,040	2,930	2,590	4,190	4,310	6,260	6,090	2,240	890	1,720	590
12	1,430	1,040	2,730	2,450	3,850	4,270	5,970	5,860	2,690	1,010	2,320	640
13	1,290	1,460	2,740	2,370	3,430	4,420	5,980	5,140	2,570	992	2,630	594
14	1,340	2,040	e3,100	2,390	3,040	4,560	6,400	4,460	2,170	1,050	2,640	557
15	1,460	2,420	e3,190	2,790	2,700	4,490	6,920	4,000	1,750	1,080	2,220	1,080
16	1,550	2,850	3,050	3,260	2,440	4,250	7,320	3,570	1,390	1,130	1,640	1,520
17	1,990	3,290	2,890	4,010	2,260	4,230	7,530	3,160	1,170	1,050	1,370	1,100
18	2,350	3,320	3,030	4,870	2,170	4,620	7,540	2,680	1,060	983	1,260	936
19	2,340	3,020	3,300	5,520	2,160	5,130	7,600	2,350	945	1,000	1,240	842
20	2,180	2,640	3,500	6,010	2,280	5,730	e7,170	2,250	882	1,030	1,170	828
21	1,970	2,270	3,510	6,460	2,370	6,360	6,410	2,140	852	964	1,150	760
22	1,750	1,970	3,370	6,940	2,240	6,840	5,450	2,070	804	1,070	1,060	788
23	1,590	2,040	3,230	7,220	2,090	7,360	4,690	1,970	722	3,160	958	878
24	1,470	2,790	3,200	7,040	2,020	7,890	4,140	2,090	711	3,880	855	852
25	1,360	3,360	3,110	6,560	2,220	8,310	3,570	2,200	668	3,950	859	898
26	1,310	3,440	2,930	6,150	2,480	8,630	3,040	2,180	669	3,690	960	921
27	1,260	3,390	2,920	5,560	2,770	8,630	2,620	1,970	636	3,280	956	e810
28	1,200	3,520	2,880	4,980	3,310	8,350	2,290	1,680	780	2,620	924	e725
29	1,180	3,560	2,840	4,400	---	7,870	2,060	1,390	937	2,130	887	699
30	1,110	3,590	2,820	3,940	---	7,410	1,870	1,230	1,160	2,080	827	625
31	1,080	---	2,830	3,450	---	7,110	---	1,110	---	2,470	795	---
TOTAL	55,760	63,430	103,980	130,550	86,000	177,340	173,800	88,830	38,136	51,564	54,991	22,867
MEAN	1,799	2,114	3,354	4,211	3,071	5,721	5,793	2,865	1,271	1,663	1,774	762
MAX	2,720	3,590	4,570	7,220	4,480	8,630	7,600	6,090	2,690	3,950	4,030	1,520
MIN	1,080	1,010	2,730	2,370	2,020	3,810	1,870	1,110	636	890	795	537

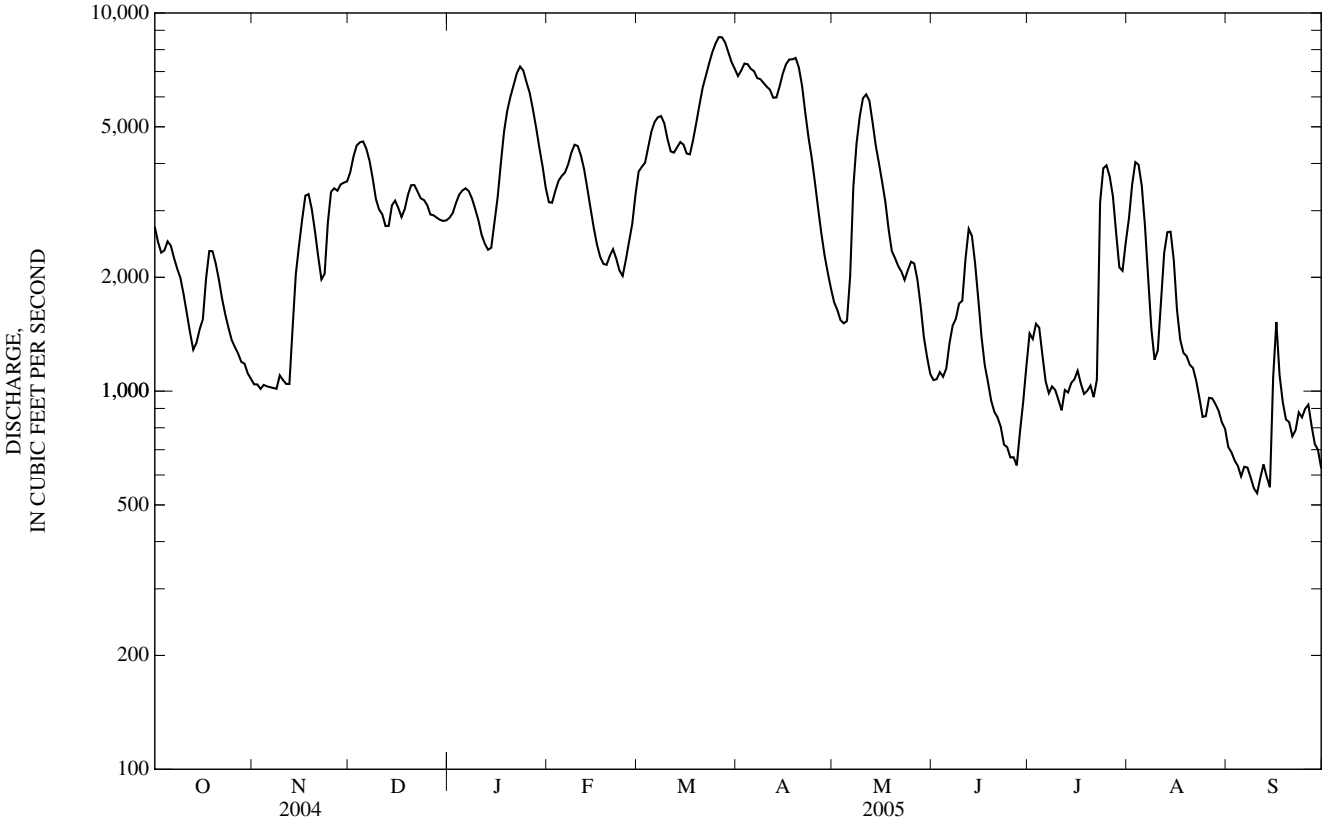
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2005, BY WATER YEAR (WY)

MEAN	5,005	3,019	3,668	4,886	6,954	6,550	5,929	3,255	2,330	1,964	3,017	5,246
MAX	23,040	6,630	6,969	8,707	19,110	15,340	11,760	6,973	6,429	5,764	7,856	26,590
(WY)	(2000)	(2000)	(1997)	(1998)	(1998)	(1998)	(1998)	(2003)	(2003)	(2003)	(2003)	(1999)
MIN	938	732	952	1,501	1,988	2,715	2,739	893	573	788	659	762
(WY)	(2002)	(2002)	(2002)	(2001)	(2001)	(2002)	(1999)	(2002)	(2002)	(2002)	(2002)	(2005)

02091814 NEUSE RIVER NEAR FORT BARNWELL, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1997 - 2005	
ANNUAL TOTAL	1,316,898		1,047,248			
ANNUAL MEAN	3,598		2,869		4,301	
HIGHEST ANNUAL MEAN					6,376	2003
LOWEST ANNUAL MEAN					1,766	2002
HIGHEST DAILY MEAN	9,420	May 10	8,630	Mar 26	57,000	Sep 20, 1999
LOWEST DAILY MEAN	960	Jul 22	537	Sep 10	340	Jun 27, 2002
ANNUAL SEVEN-DAY MINIMUM	1,020	Nov 2	580	Sep 8	413	Aug 12, 2002
MAXIMUM PEAK FLOW			9,110	Mar 27	57,200	Sep 20, 1999
MAXIMUM PEAK STAGE			9.99	Mar 27	22.75*	Sep 20, 1999
INSTANTANEOUS LOW FLOW			389	Sep 9	41	Jul 11, 1999
10 PERCENT EXCEEDS	6,810		6,110		8,870	
50 PERCENT EXCEEDS	3,030		2,420		2,730	
90 PERCENT EXCEEDS	1,330		880		867	

* See REMARKS.
e Estimated.



0209205053 SWIFT CREEK AT NC HIGHWAY 43 NEAR STREETS FERRY, NC

LOCATION.--Lat 35°13'51", long 77°06'50", Craven County, Hydrologic Unit 03020202, at downstream side of bridge on NC Highway 43, 0.5 mi upstream from mouth, 2 mi upstrean from Little Fisher Creek, and 1.3 mi north-northeast of Streets Ferry.

DRAINAGE AREA.--269 mi^2.

PERIOD OF RECORD.--July 1996 to current year.

GAGE.--Water-stage recorder and acoustic velocity meter. Datum of gage is at NGVD of 1929. Prior to Oct. 1999 datum reported as 10 ft below NGVD of 1929. Satellite telemetry at station.

REMARKS.--Records poor. This site is strongly affected by both astronomical and wind tides. The astronomical tides occur at primary harmonic periods of 12.42 hours and 24.8 hours. Mean daily discharge data for this site may be affected by aliasing due to tides and can contain fluctuations that are not representative of net downstream discharge.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 10,900 ft^3/s, Sept. 21, 1999, maximum gage height, 12.28 ft, Sept. 21, 1999, from flood mark; minimum discharge, -5,140 ft^3/s, Aug. 30, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,450 ft^3/s, Apr. 16, maximum gage height, 5.59 ft, Sept. 15; minimum discharge, -2,620 ft^3/s, Sept. 15.

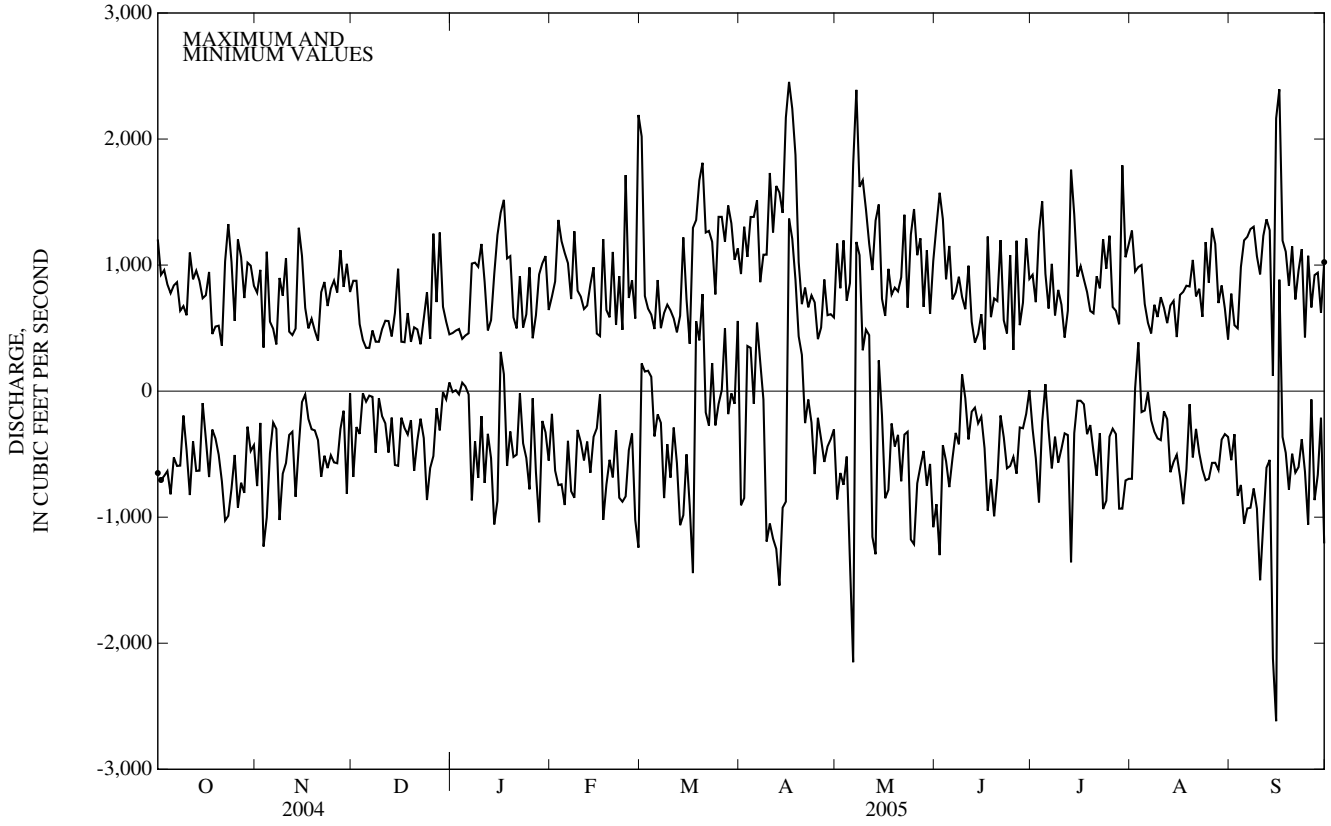
DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	1,200	-649	781	-753	876	-681	461	-7.4	750	-180	2,020	219
2	923	-705	962	-252	876	-285	480	7.2	870	-631	754	155
3	960	-673	345	-1,230	531	-339	493	-26	1,360	-745	654	162
4	846	-634	1,110	-1,000	406	-17	415	67	1,190	-739	607	114
5	777	-819	551	-492	343	-84	442	37	1,100	-904	493	-359
6	838	-526	495	-249	343	-36	459	-26	1,010	-394	881	-185
7	864	-594	371	-300	481	-45	1,010	-867	730	-794	499	-252
8	638	-591	898	-1,020	392	-489	1,020	-396	1,270	-846	620	-849
9	675	-194	757	-655	391	-55	986	-689	797	-308	686	-421
10	602	-473	1,060	-571	493	-199	1,170	-198	750	-404	640	-686
11	1,100	-824	472	-348	558	-256	865	-729	651	-549	577	-289
12	887	-398	445	-322	556	-488	482	-339	679	-400	466	-572
13	956	-633	496	-838	434	-210	563	-532	847	-648	597	-1,060
14	874	-631	1,300	-438	620	-586	929	-1,060	983	-362	1,220	-984
15	737	-95	1,070	-87	971	-592	1,240	-872	456	-295	730	-501
16	761	-379	660	-27	392	-211	1,420	312	437	-27	376	-910
17	946	-682	498	-221	388	-293	1,520	134	1,210	-1,020	1,300	-1,440
18	453	-305	574	-303	620	-344	1,050	-594	644	-741	1,360	556
19	512	-375	480	-311	391	-230	1,070	-320	586	-545	1,670	403
20	519	-504	400	-389	506	-633	585	-522	1,100	-684	1,810	770
21	361	-716	785	-680	490	-392	497	-504	525	-310	1,260	-169
22	1,030	-1,030	866	-512	372	-219	913	-18	913	-846	1,270	-273
23	1,330	-989	675	-611	575	-373	505	-414	486	-877	1,180	223
24	1,020	-773	813	-509	785	-864	609	-530	1,710	-835	767	-272
25	557	-507	877	-565	414	-610	982	-779	739	-468	1,380	-102
26	1,200	-924	783	-572	1,250	-515	420	-57	881	-337	1,380	8.0
27	1,060	-727	1,120	-301	706	-135	602	-644	576	-1,020	1,190	500
28	739	-807	827	-155	1,260	-311	926	-1,040	2,190	-1,240	1,470	-183
29	1,020	-282	1,010	-816	669	-7.3	1,010	-237	---	---	1,330	-18
30	995	-475	787	-18	550	-65	1,070	-327	---	---	1,040	-101
31	836	-429	---	---	450	69	644	-551	---	---	1,130	557
MONTH	1,330	-1,030	1,300	-1,230	1,260	-864	1,520	-1,060	2,190	-1,240	2,020	-1,440

0209205053 SWIFT CREEK AT NC HIGHWAY 43 NEAR STREETS FERRY, NC—Continued

DISCHARGE, CUBIC FEET PER SECOND—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	929	-906	1,170	-859	1,310	-897	923	-300	1,270	-696	773	-548
2	1,300	-848	816	-649	1,570	-1,300	706	-532	948	24	523	-342
3	1,060	358	1,200	-743	1,360	-429	1,260	-883	984	386	498	-830
4	1,380	344	717	-519	888	-555	1,510	-241	1,000	-166	985	-745
5	1,380	-101	857	-1,360	1,150	-762	931	55	690	-154	1,200	-1,050
6	1,510	543	1,800	-2,150	728	-533	656	-313	542	-7.5	1,220	-931
7	864	232	2,390	1,180	783	-331	1,010	-613	458	-231	1,290	-925
8	1,080	-67	1,620	1,080	908	-422	601	-361	685	-322	1,300	-773
9	1,080	-1,190	1,670	324	746	132	803	-567	588	-375	1,070	-932
10	1,730	-1,050	1,440	488	650	-56	686	-458	745	-389	926	-1,500
11	1,260	-1,170	1,170	444	995	-383	425	-335	661	-160	1,230	-1,050
12	1,630	-1,250	960	-1,160	550	-163	639	-349	539	-222	1,360	-607
13	1,580	-1,540	1,350	-1,290	384	-131	1,760	-1,360	680	-643	1,280	-546
14	1,410	-925	1,480	243	453	-256	1,400	-333	717	-562	120	-2,120
15	2,170	-877	732	-192	611	-203	909	-76	429	-504	2,160	-2,620
16	2,450	1,370	597	-850	329	-452	991	-76	763	-677	2,390	884
17	2,240	1,210	970	-783	1,230	-948	886	-104	788	-897	1,190	-363
18	1,870	882	766	-257	587	-698	786	-342	836	-620	1,110	-490
19	1,020	435	821	-439	735	-993	636	-270	830	-104	835	-782
20	690	288	792	-347	715	-697	617	-482	1,040	-526	1,150	-497
21	821	-254	902	-715	1,200	-194	911	-671	752	-299	727	-646
22	665	-67	1,400	-345	562	-367	816	-333	812	-491	958	-602
23	759	-250	662	-322	458	-612	1,210	-935	589	-622	1,130	-381
24	704	-658	1,240	-1,180	1,080	-594	971	-869	1,180	-707	426	-640
25	412	-212	1,440	-1,220	327	-522	1,230	-361	860	-695	1,070	-1,060
26	504	-380	1,080	-732	1,190	-655	667	-298	1,290	-569	664	-66
27	885	-562	1,210	-596	523	-288	637	-341	1,170	-569	921	-865
28	602	-439	668	-475	702	-295	530	-932	699	-625	940	-663
29	611	-381	1,120	-750	1,210	-180	1,790	-932	838	-384	622	-211
30	585	-304	612	-578	890	7.4	1,060	-709	656	-341	1,020	-1,210
31	---	---	1,030	-1,080	---	---	1,170	-696	410	-363	---	---
MONTH	2,450	-1,540	2,390	-2,150	1,570	-1,300	1,790	-1,360	1,290	-897	2,390	-2,620
YEAR	2,450	-2,620										



02092162 NEUSE RIVER AT NEW BERN, NC

LOCATION.--Lat 35°06'34", long 77°01'58", Craven County, Hydrologic Unit 03020204, at U.S. Coast Guard Channel Marker 38.

DRAINAGE AREA.--4,470 mi^2.

PERIOD OF RECORD.-- Water years 1957-67, 1996 to current year.

PERIOD OF DAILY RECORD.--
SALINITY (TOP AND BOTTOM): June 1996 to current year.
pH (TOP AND BOTTOM): June 1996 to current year.
WATER TEMPERATURE (TOP AND BOTTOM): June 1996 to current year.
DISSOLVED OXYGEN (TOP AND BOTTOM): June 1996 to current year.
DISSOLVED OXYGEN, PERCENT SATURATION, (TOP AND BOTTOM): June 1996 to current year.

INSTRUMENTATION.-- Water-quality monitor with satellite telemetry from June 1996 to current year.

REMARKS.--Station operated in cooperation with the North Carolina Department of Environment and Natural Resources. The monitor was relocated from the U.S. Highway 17 bridge at New Bern to channel marker 38 on August 5, 1999. Channel marker 38 is approximately 500 yards upstream of the bridge. The monitor was removed on September 16, 2003, to prevent possible destruction of equipment during Hurricane Isabel. It was reinstalled September 19, 2003. The monitor was removed on September 11, 2005 to prevent possible destruction during Hurricane Ophelia. It was reinstalled on September 19, 2005. Top constituents were monitored at 8 feet above the streambed, and bottom constituents, 2 feet above the streambed. Salinity and dissolved oxygen, percent saturation are computed. The salinity is computed from specific conductance using the conversion from U.S. Geological Survey Water-Supply Paper 2311. The dissolved oxygen percent saturation is computed using a barometric pressure of 760mm of Hg beginning October 1, 2000. Daily records of salinity and water temperature for October 1956 to September 1967 are available in the files of the USGS Water Science Center, Raleigh, NC.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY (TOP), ppt	21.8, August 1, 2002	<0.1, on many days during the period
SALINITY (BOTOM), ppt	22.1, August 1, 2002	<0.1, on many days during the period
pH (TOP), standard units	9.9, June 6, 7, 1999	5.7, September 29, 30, 1999, October 9, 14, 15, 1999
pH (BOTTOM), standard units	9.7, July 10, 11, 1997	4.9, October 13, 15-17, 1999
WATER TEMPERATURE (TOP), ^{o} C	34.1, July 28, 2005	1.0, January 29, 2000
WATER TEMPERATURE (BOTTOM), ^{o} C	31.2, August 10, 2001	1.1, January 29, 2000
DISSOLVED OXYGEN (TOP), mg/L	17.4, December 19, 1997	<1.0, on many days during the period
DISSOLVED OXYGEN (BOTTOM), mg/L	16.1, January 8, 1998	<1.0, on many days during the period

EXTREMES FOR CURRENT YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY (TOP), ppt	10.6, August 24	.04, on many days during the year
SALINITY (BOTTOM), ppt	11.1, June 20	.04, on many days during the year
pH (TOP), standard units	9.2, September 1	6.5, May 10, 11, 12, 14, 15
pH (BOTTOM), standard units	9.0, June 12	6.3, May 11, 14, 15
WATER TEMPERATURE (TOP), ^{o}C	34.1, July 28	1.8, January 24
WATER TEMPERATURE (BOTTOM), ^{o}C	30.8, July 29, 30	2.7, January 24
DISSOLVED OXYGEN (TOP), mg/L	14.2, September 1	0.0, August 18
DISSOLVED OXYGEN (BOTTOM), mg/L	12.6, December 27	0.0, on many days during the year
DISSOLVED OXYGEN, PERCENT SATURATION (TOP),%	194, September 1	0, August 18
DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM),%	137, June 12	0, on many days during the year

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, TOP
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	0.09	0.06	0.07	---	---	---	1.5	0.38	0.61	0.46	0.20	0.30
2	0.07	0.06	0.06	2.5	1.7	2.1	0.83	0.17	0.41	3.2	0.22	0.54
3	0.08	0.06	0.07	5.2	1.2	2.3	0.62	0.15	0.32	1.0	0.22	0.47
4	0.08	0.07	0.07	5.2	1.9	2.9	---	---	---	0.78	0.37	0.53
5	0.10	0.07	0.08	3.4	2.0	2.6	0.16	0.08	0.12	1.0	0.53	0.69
6	0.10	0.07	0.08	---	---	---	0.16	0.09	0.13	1.1	0.37	0.66
7	0.08	0.07	0.07	---	---	---	0.28	0.10	0.15	7.8	0.39	0.92
8	0.08	0.07	0.07	---	---	---	0.34	0.08	0.18	0.76	0.42	0.55
9	0.07	0.07	0.07	---	---	---	0.15	0.08	0.10	2.2	0.43	0.54
10	0.08	0.07	0.07	---	---	---	0.16	0.08	0.11	2.2	0.39	0.91
11	0.08	0.07	0.08	4.3	1.2	2.3	0.11	0.07	0.09	8.5	0.26	1.4
12	0.08	0.07	0.07	3.8	1.7	2.7	0.58	0.08	0.19	2.4	0.70	1.1
13	0.08	0.07	0.07	3.0	1.3	2.2	---	---	---	1.1	0.70	0.85
14	0.08	0.07	0.07	2.1	1.2	1.8	3.2	1.5	2.6	2.3	0.53	1.2
15	0.09	0.07	0.08	1.5	0.77	1.0	4.6	2.0	3.4	2.2	0.77	1.4
16	0.09	0.07	0.08	2.4	0.52	0.78	3.4	1.3	2.4	1.4	0.28	0.80
17	0.09	0.08	0.08	5.7	0.58	2.4	3.1	0.64	1.2	1.7	0.27	1.0
18	0.26	0.08	0.12	4.9	1.1	3.5	5.3	0.41	1.8	1.6	0.19	0.70
19	0.18	0.09	0.12	4.6	0.93	2.5	5.0	1.2	2.7	0.50	0.10	0.15
20	0.19	0.08	0.11	4.3	0.68	2.0	5.0	2.2	4.1	0.17	0.09	0.12
21	0.92	0.16	0.23	2.8	0.40	0.65	3.8	0.57	1.9	9.3	0.12	1.8
22	7.1	0.32	3.2	4.2	0.57	1.3	1.7	0.27	0.67	7.8	0.44	1.7
23	7.1	2.5	4.5	0.87	0.45	0.56	0.48	0.17	0.29	4.9	1.3	3.2
24	7.3	2.4	4.7	2.3	0.45	0.94	1.0	0.24	0.53	2.4	0.38	0.96
25	8.0	2.9	5.9	1.6	0.71	1.0	0.50	0.20	0.31	1.1	0.15	0.30
26	7.1	3.6	5.4	2.6	0.63	1.6	2.1	0.30	1.3	0.21	0.07	0.10
27	7.5	3.7	5.8	2.4	0.39	0.67	2.1	0.46	1.5	0.72	0.08	0.32
28	7.7	3.8	6.5	3.1	0.78	1.6	1.1	0.36	0.65	1.1	0.28	0.68
29	---	---	---	1.9	0.62	1.1	0.91	0.44	0.63	0.91	0.32	0.54
30	---	---	---	1.7	0.40	0.83	0.53	0.16	0.25	1.4	0.40	0.84
31	---	---	---	---	---	---	0.32	0.13	0.17	1.2	0.17	0.48
MONTH	---	---	---	---	---	---	---	---	---	9.3	0.07	0.83
		FEBRUARY			MARCH			APRIL			MAY	
1	0.63	0.25	0.36	0.98	0.10	0.52	0.05	0.05	0.05	0.72	0.09	0.36
2	0.84	0.24	0.48	0.43	0.08	0.24	0.07	0.04	0.05	0.51	0.13	0.32
3	1.3	0.59	0.93	0.81	0.17	0.54	0.07	0.05	0.05	0.76	0.11	0.27
4	1.2	0.81	1.0	0.28	0.08	0.16	0.06	0.04	0.05	0.48	0.20	0.30
5	1.1	0.53	0.91	0.52	0.07	0.16	0.06	0.04	0.05	2.2	0.36	1.0
6	1.0	0.31	0.50	0.67	0.15	0.33	0.05	0.04	0.04	4.0	0.36	1.6
7	---	---	---	0.33	0.08	0.23	0.05	0.04	0.04	0.52	0.12	0.36
8	---	---	---	0.74	0.05	0.13	0.05	0.04	0.04	0.40	0.09	0.21
9	0.84	0.09	0.20	0.55	0.09	0.28	0.05	0.04	0.05	0.17	0.06	0.09
10	1.9	0.13	0.70	0.12	0.05	0.07	0.05	0.04	0.05	0.07	0.05	0.07
11	---	---	---	0.09	0.05	0.06	0.05	0.04	0.05	0.08	0.05	0.06
12	1.3	0.53	0.97	0.11	0.05	0.06	0.06	0.05	0.05	1.9	0.05	0.12
13	0.64	0.18	0.36	0.28	0.07	0.10	0.06	0.05	0.05	1.2	0.05	0.18
14	0.31	0.09	0.17	0.28	0.05	0.09	0.05	0.05	0.05	0.06	0.05	0.05
15	0.23	0.06	0.11	0.07	0.05	0.06	0.05	0.04	0.05	0.05	0.05	0.05
16	---	---	---	0.90	0.05	0.23	0.05	0.04	0.04	0.05	0.05	0.05
17	4.2	0.17	0.82	1.3	0.08	0.48	0.06	0.04	0.05	0.05	0.05	0.05
18	4.8	0.72	1.8	0.08	0.05	0.06	0.06	0.05	0.05	0.06	0.05	0.05
19	2.0	0.82	1.2	0.06	0.05	0.06	0.05	0.04	0.05	0.06	0.05	0.06
20	2.4	0.61	1.3	0.07	0.06	0.06	0.05	0.04	0.05	0.06	0.05	0.05
21	1.7	0.60	0.93	0.07	0.05	0.06	0.05	0.04	0.04	0.06	0.06	0.06
22	1.6	0.35	0.70	0.06	0.05	0.05	0.05	0.04	0.05	0.07	0.06	0.06
23	2.2	0.44	0.83	0.06	0.04	0.05	0.05	0.04	0.05	0.07	0.06	0.06
24	2.0	0.72	1.1	0.06	0.05	0.05	0.05	0.04	0.05	0.08	0.06	0.07
25	2.4	0.55	1.1	0.05	0.04	0.05	0.06	0.05	0.05	0.26	0.07	0.11
26	0.92	0.37	0.50	0.04	0.04	0.04	0.06	0.05	0.05	0.11	0.07	0.08
27	3.2	0.31	1.1	0.04	0.04	0.04	0.06	0.05	0.05	0.08	0.07	0.07
28	3.2	0.84	2.0	0.05	0.04	0.05	0.39	0.06	0.19	0.07	0.06	0.07
29	---	---	---	0.06	0.04	0.05	0.30	0.17	0.23	0.08	0.07	0.07
30	---	---	---	0.06	0.04	0.05	0.30	0.07	0.19	0.10	0.07	0.07
31	---	---	---	0.05	0.04	0.04	---	---	---	0.93	0.09	0.34
MONTH	---	---	---	1.3	0.04	0.14	0.39	0.04	0.06	4.0	0.05	0.21

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, TOP—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	0.90	0.25	0.60	0.99	0.24	0.52	0.35	0.10	0.22	4.2	1.8	3.0
2	1.3	0.18	0.86	0.47	0.20	0.29	0.25	0.12	0.17	6.7	2.0	4.1
3	0.18	0.11	0.14	1.1	0.24	0.58	2.3	0.12	0.57	6.5	2.4	4.2
4	0.39	0.12	0.17	0.81	0.17	0.34	1.2	0.30	0.56	6.3	3.1	3.9
5	0.36	0.09	0.17	0.23	0.11	0.17	0.71	0.15	0.29	6.3	3.7	5.0
6	0.19	0.08	0.11	0.24	0.10	0.15	0.27	0.12	0.19	5.9	5.0	5.5
7	0.10	0.09	0.09	1.2	0.15	0.28	0.21	0.10	0.15	5.4	5.0	5.2
8	0.11	0.08	0.09	0.52	0.08	0.20	0.22	0.09	0.13	5.4	5.0	5.1
9	0.11	0.09	0.09	1.0	0.23	0.45	0.12	0.08	0.10	5.3	3.8	4.5
10	0.12	0.09	0.09	0.70	0.16	0.28	0.24	0.07	0.09	6.3	4.2	5.2
11	0.10	0.09	0.09	0.95	0.14	0.25	0.15	0.07	0.09	---	---	---
12	0.10	0.08	0.09	0.63	0.13	0.28	0.15	0.07	0.09	---	---	---
13	0.09	0.07	0.08	4.1	0.26	1.1	0.10	0.07	0.08	---	---	---
14	0.13	0.07	0.10	2.1	0.24	0.84	0.09	0.07	0.07	---	---	---
15	0.12	0.07	0.09	0.40	0.10	0.14	0.11	0.06	0.08	---	---	---
16	0.41	0.08	0.12	0.12	0.07	0.10	0.49	0.08	0.16	---	---	---
17	8.5	0.20	2.2	0.07	0.06	0.07	6.4	0.19	0.99	---	---	---
18	2.8	0.88	1.4	0.08	0.06	0.07	7.6	0.73	3.3	---	---	---
19	2.7	1.2	1.8	0.15	0.06	0.08	5.3	0.69	1.7	---	---	---
20	3.2	1.7	2.3	0.44	0.07	0.14	4.7	0.92	1.7	2.3	1.4	1.6
21	3.6	1.7	2.6	1.7	0.19	0.40	3.3	1.3	1.8	1.6	1.3	1.5
22	3.5	2.0	2.6	1.1	0.29	0.49	4.1	1.4	1.7	2.1	1.2	1.4
23	4.9	2.0	2.7	3.5	0.34	1.2	7.1	1.7	3.3	2.1	1.0	1.3
24	3.7	2.2	2.6	4.8	0.52	1.6	10.6	2.1	3.9	2.2	0.94	1.2
25	3.2	2.5	3.0	4.1	0.67	1.4	9.8	2.6	4.4	2.7	1.5	2.1
26	3.2	2.4	2.6	1.1	0.15	0.52	5.9	4.1	5.2	3.0	2.4	2.7
27	3.6	2.4	3.0	0.87	0.21	0.43	5.8	3.8	4.7	3.3	1.6	2.5
28	3.2	2.5	2.9	3.0	0.18	0.33	5.5	2.9	3.8	2.9	2.2	2.5
29	2.7	0.61	1.8	3.2	0.55	1.2	5.7	2.0	3.4	3.0	1.7	2.2
30	1.6	0.58	0.92	0.99	0.30	0.68	5.4	3.1	4.3	4.3	1.7	3.3
31	---	---	---	0.62	0.16	0.28	3.6	2.6	3.1	---	---	---
MONTH	8.5	0.07	1.2	4.8	0.06	0.48	10.6	0.06	1.6	---	---	---

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, BOTTOM
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	0.09	0.06	0.07	---	---	---	5.4	0.35	1.8	9.0	7.8	8.7
2	0.07	0.06	0.06	7.4	5.9	7.1	1.9	0.33	1.1	9.0	8.8	8.9
3	0.08	0.06	0.07	7.3	5.7	6.7	2.7	0.55	1.5	9.0	8.9	9.0
4	0.10	0.06	0.07	6.5	3.4	5.4	---	---	---	9.0	8.5	8.8
5	0.09	0.06	0.07	5.3	2.9	3.9	5.2	2.8	4.3	9.0	8.8	8.9
6	0.09	0.07	0.07	5.1	4.2	4.6	5.3	5.0	5.2	8.9	6.4	8.3
7	0.08	0.06	0.07	---	---	---	5.4	0.18	3.5	8.8	7.6	8.5
8	0.08	0.07	0.07	5.2	2.4	4.4	3.1	0.16	0.98	8.8	3.4	7.6
9	0.08	0.07	0.07	4.5	2.1	3.3	4.9	2.0	4.1	8.3	7.5	8.0
10	0.08	0.07	0.07	5.4	3.7	4.6	3.7	0.07	0.49	8.5	7.2	7.9
11	0.08	0.07	0.08	6.0	4.4	5.3	0.09	0.06	0.07	9.0	7.8	8.6
12	0.08	0.07	0.07	5.7	3.4	4.8	5.3	0.07	2.2	8.5	7.5	8.2
13	0.08	0.07	0.07	4.4	2.4	3.3	---	---	---	8.3	1.2	5.9
14	0.08	0.07	0.07	4.0	2.0	2.9	8.6	6.5	8.0	2.5	0.52	1.4
15	0.09	0.07	0.08	4.6	2.7	3.8	7.8	3.5	5.2	3.2	0.95	1.8
16	0.09	0.07	0.08	5.5	4.5	5.1	5.4	3.9	4.9	2.5	0.48	1.6
17	0.10	0.07	0.08	6.2	5.4	5.8	6.0	3.8	5.1	2.7	1.3	2.1
18	5.6	0.08	2.8	7.8	6.1	6.8	6.5	5.5	6.1	2.6	0.45	1.3
19	0.87	0.11	0.23	8.5	7.4	8.0	7.4	6.0	6.6	1.9	0.53	1.5
20	5.5	0.09	0.86	8.8	8.1	8.6	7.6	3.7	4.9	8.3	0.65	5.0
21	6.9	4.7	6.2	8.8	7.8	8.3	4.9	2.2	4.0	10.4	8.3	9.9
22	9.9	6.8	8.1	8.7	7.8	8.4	4.7	2.4	3.6	10.4	8.8	10.2
23	9.9	5.5	7.7	8.5	7.4	8.3	4.7	0.42	2.6	9.7	2.9	5.2
24	8.6	6.7	7.9	8.5	1.6	6.7	2.9	0.55	1.6	4.5	2.2	3.5
25	8.4	7.8	8.1	5.0	0.83	2.0	5.2	2.9	4.3	4.1	1.1	3.1
26	8.6	7.1	8.1	5.3	2.5	3.8	5.4	1.3	2.8	3.7	3.1	3.4
27	8.3	7.3	7.7	6.1	4.7	5.5	2.5	1.7	2.2	6.4	3.3	5.3
28	8.1	6.7	7.7	5.2	2.0	4.0	3.6	1.7	2.6	6.7	5.6	6.4
29	7.8	6.5	7.3	5.6	2.1	4.9	5.8	2.3	3.4	6.7	6.2	6.4
30	7.5	5.6	7.1	5.7	4.4	5.4	7.7	5.5	6.5	6.3	1.6	4.5
31	7.6	6.0	7.1	---	---	---	8.7	7.5	8.2	6.2	2.7	4.6
MONTH	9.9	0.06	2.8	---	---	---	---	---	---	10.4	0.45	6.0
		FEBRUARY			MARCH			APRIL			MAY	
1	6.2	5.5	6.0	2.4	0.11	1.2	0.05	0.04	0.05	0.96	0.24	0.57
2	6.0	4.8	5.6	1.2	0.14	0.46	0.07	0.04	0.05	0.91	0.23	0.50
3	5.5	1.3	4.2	4.3	0.74	1.6	0.07	0.04	0.05	1.7	0.18	0.92
4	3.4	1.1	1.6	4.5	0.61	2.6	0.06	0.05	0.05	1.8	0.24	1.3
5	2.6	0.87	1.4	5.4	0.08	2.0	0.06	0.04	0.05	2.7	0.43	1.4
6	3.3	0.93	2.5	5.4	3.5	5.0	0.05	0.04	0.05	4.4	0.35	1.7
7	---	---	---	5.0	0.07	2.0	0.05	0.04	0.05	0.85	0.29	0.54
8	---	---	---	0.95	0.05	0.19	0.05	0.04	0.05	1.6	0.13	0.45
9	4.5	1.7	3.6	0.58	0.09	0.34	0.05	0.04	0.05	3.6	0.11	1.7
10	5.0	1.6	3.9	2.7	0.05	0.36	0.05	0.04	0.05	3.7	0.06	1.7
11	---	---	---	0.09	0.05	0.05	0.06	0.04	0.05	0.16	0.05	0.07
12	4.0	1.5	2.5	0.20	0.05	0.07	0.06	0.05	0.05	4.4	0.05	0.41
13	4.9	2.2	4.0	0.62	0.07	0.24	0.06	0.05	0.05	4.9	0.06	0.58
14	4.5	0.15	2.3	0.30	0.05	0.09	0.05	0.05	0.05	0.10	0.04	0.06
15	2.4	0.14	1.3	0.36	0.05	0.08	0.05	0.04	0.05	0.05	0.04	0.05
16	---	---	---	3.2	0.05	0.96	0.05	0.04	0.05	0.06	0.05	0.05
17	6.1	4.2	5.5	1.9	0.08	0.61	0.06	0.04	0.05	0.05	0.05	0.05
18	8.6	4.8	6.2	0.08	0.05	0.06	0.07	0.05	0.06	0.06	0.05	0.05
19	9.5	6.5	8.4	0.06	0.05	0.05	0.05	0.04	0.05	0.06	0.06	0.06
20	8.6	4.4	7.2	0.07	0.06	0.06	0.05	0.04	0.05	0.06	0.05	0.06
21	7.0	2.1	4.7	0.12	0.05	0.06	0.05	0.04	0.05	0.07	0.05	0.06
22	8.1	4.8	6.4	0.19	0.05	0.06	0.05	0.04	0.05	0.07	0.06	0.06
23	7.9	5.1	6.6	0.06	0.04	0.05	0.05	0.04	0.05	0.07	0.06	0.06
24	7.3	1.4	5.4	0.06	0.05	0.05	0.05	0.04	0.05	0.08	0.06	0.07
25	6.2	1.7	3.7	0.05	0.04	0.05	0.05	0.05	0.05	0.53	0.07	0.13
26	6.3	4.9	5.7	0.04	0.04	0.04	0.06	0.05	0.05	0.12	0.07	0.08
27	5.6	3.7	5.1	0.04	0.04	0.04	0.07	0.05	0.05	0.08	0.07	0.07
28	5.4	1.6	2.9	0.05	0.04	0.04	5.6	0.05	3.4	0.08	0.06	0.07
29	---	---	---	0.05	0.04	0.05	5.3	0.54	4.3	0.09	0.07	0.07
30	---	---	---	0.06	0.04	0.05	1.5	0.07	0.38	1.3	0.07	0.33
31	---	---	---	0.05	0.04	0.04	---	---	---	2.7	0.11	1.6
MONTH	---	---	---	5.4	0.04	0.60	5.6	0.04	0.31	4.9	0.04	0.48

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, BOTTOM—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	2.5	0.45	1.1	2.5	0.39	1.7	4.8	0.33	3.2	7.0	3.7	5.8
2	1.4	0.39	0.94	2.0	0.29	1.1	5.7	4.8	5.3	7.5	7.0	7.2
3	0.87	0.15	0.40	2.7	0.28	1.5	5.7	4.9	5.5	7.5	6.5	7.2
4	2.1	0.23	0.91	2.2	0.32	1.2	5.9	4.2	5.6	7.2	5.4	6.5
5	2.8	0.46	2.0	1.0	0.11	0.32	5.4	0.31	4.0	6.5	5.0	5.8
6	2.3	0.10	1.3	1.8	0.10	0.40	4.6	0.10	1.3	6.5	5.1	5.8
7	0.97	0.09	0.28	3.8	0.20	2.5	1.6	0.10	0.21	6.0	5.0	5.3
8	0.99	0.09	0.39	1.2	0.09	0.34	0.76	0.09	0.19	5.9	5.0	5.3
9	0.22	0.09	0.10	2.3	0.64	1.3	1.3	0.10	0.42	6.0	4.8	5.4
10	0.12	0.09	0.09	3.2	0.63	2.1	3.5	0.07	1.8	6.3	4.7	5.6
11	0.11	0.09	0.10	4.0	2.2	3.2	3.9	2.8	3.4	---	---	---
12	0.11	0.08	0.09	5.4	2.6	4.3	3.8	0.12	2.9	---	---	---
13	0.09	0.07	0.08	5.7	1.3	4.2	3.5	0.07	1.7	---	---	---
14	0.21	0.07	0.11	3.3	0.33	2.7	3.4	0.07	0.56	---	---	---
15	0.16	0.08	0.09	2.1	0.10	0.52	4.9	0.07	2.5	---	---	---
16	6.3	0.08	2.1	0.21	0.07	0.11	5.9	3.2	5.2	---	---	---
17	10	6.3	9.2	0.08	0.06	0.07	8.9	5.3	7.1	---	---	---
18	10.4	9.4	9.9	0.46	0.06	0.09	9.7	8.6	9.0	---	---	---
19	11.0	9.1	10.1	4.7	0.06	1.7	9.7	7.8	9.2	---	---	---
20	11.1	9.5	10.6	5.4	2.6	4.5	10.7	7.4	9.5	5.6	1.9	4.3
21	10.9	5.9	10.2	6.0	1.1	5.0	10.0	5.6	9.3	6.2	1.9	4.7
22	7.7	4.7	6.3	5.6	0.99	4.6	10.6	9.0	10.1	6.2	4.5	5.7
23	9.3	6.4	7.9	6.6	1.9	4.6	10.5	9.0	10.2	5.7	3.3	4.8
24	8.2	5.1	7.0	8.3	6.4	7.5	10.9	8.8	10.3	7.2	4.1	5.9
25	6.7	5.6	6.2	7.6	2.7	6.4	11.0	10.1	10.6	7.1	5.4	6.4
26	6.2	3.8	5.0	8.5	3.5	7.0	10.7	9.4	10.3	5.4	2.8	4.3
27	5.3	3.5	4.5	8.5	6.8	7.8	10.6	6.7	8.8	4.0	2.4	3.3
28	3.8	3.1	3.5	8.1	6.2	7.5	8.5	5.9	7.0	3.8	2.3	3.2
29	3.2	1.6	2.7	8.0	1.0	4.1	7.8	6.0	6.8	4.0	2.4	3.4
30	3.0	1.2	2.5	3.4	0.36	1.6	6.7	3.7	6.0	4.5	2.7	3.7
31	---	---	---	2.7	0.18	1.9	5.5	3.4	4.2	---	---	---
MONTH	11.1	0.07	3.5	8.5	0.06	3.0	11.0	0.07	5.6	---	---	---

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, TOP
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.0	6.8	6.9	---	---	---	7.3	7.0	7.2	7.2	7.2	7.2
2	6.9	6.7	6.8	7.2	6.8	7.1	7.2	7.1	7.2	7.3	7.1	7.2
3	7.0	6.8	6.9	7.3	6.9	7.1	7.2	7.0	7.2	7.2	7.1	7.2
4	7.0	6.8	6.9	7.4	6.9	7.2	---	---	---	7.3	7.2	7.2
5	7.0	6.8	6.9	7.3	7.0	7.2	7.1	7.0	7.0	7.4	7.2	7.3
6	7.0	6.9	7.0	---	---	---	7.0	7.0	7.0	7.4	7.2	7.3
7	7.4	6.8	7.1	---	---	---	7.1	7.0	7.0	7.5	7.2	7.4
8	7.5	7.1	7.3	---	---	---	7.1	7.1	7.1	7.4	7.2	7.2
9	7.3	7.0	7.1	---	---	---	7.1	7.0	7.0	7.3	7.1	7.3
10	7.2	7.0	7.1	---	---	---	7.1	7.0	7.1	7.3	7.1	7.2
11	7.2	7.0	7.1	7.6	7.3	7.4	7.2	7.1	7.2	7.2	6.9	7.1
12	7.2	7.0	7.1	7.7	7.3	7.4	7.3	7.2	7.2	7.0	6.9	7.0
13	7.2	7.0	7.1	7.5	7.2	7.4	---	---	---	7.1	7.0	7.0
14	7.2	7.1	7.2	7.6	7.5	7.5	7.4	7.2	7.3	7.4	7.1	7.3
15	7.3	7.1	7.2	7.5	7.3	7.4	7.4	7.3	7.4	7.5	7.4	7.4
16	7.4	7.2	7.3	7.4	7.1	7.2	7.8	7.3	7.4	7.4	7.1	7.3
17	7.4	7.2	7.3	7.4	7.2	7.3	8.0	7.2	7.3	7.3	7.1	7.2
18	7.2	7.0	7.2	7.3	7.2	7.2	7.5	7.2	7.3	7.3	7.1	7.2
19	7.2	7.0	7.1	7.2	7.1	7.2	7.9	7.3	7.4	7.1	6.9	7.0
20	7.2	7.1	7.1	7.2	7.0	7.2	7.6	7.3	7.5	7.0	6.8	6.9
21	7.2	7.1	7.2	7.2	7.0	7.1	7.6	7.4	7.5	7.3	6.7	6.9
22	7.3	6.9	7.0	7.2	7.0	7.0	7.5	7.3	7.4	7.2	6.8	6.9
23	7.3	6.9	7.0	7.1	7.0	7.1	7.4	7.3	7.3	7.3	7.0	7.2
24	7.1	6.8	6.9	7.1	7.0	7.0	7.5	7.4	7.4	7.3	7.0	7.1
25	7.0	6.8	6.9	7.4	7.0	7.2	7.4	7.3	7.4	7.0	6.9	6.9
26	7.1	6.8	7.0	7.4	7.3	7.4	7.6	7.4	7.5	6.9	6.8	6.8
27	7.0	6.8	6.9	7.4	7.1	7.3	7.7	7.4	7.6	7.0	6.8	7.0
28	7.0	6.8	6.8	7.3	7.1	7.2	7.4	7.3	7.4	7.2	7.0	7.1
29	---	---	---	7.4	7.1	7.2	7.4	7.3	7.4	7.1	6.9	7.0
30	---	---	---	7.2	7.0	7.1	7.4	7.2	7.3	7.2	7.0	7.1
31	---	---	---	---	---	---	7.2	7.1	7.2	7.2	7.0	7.2
MONTH	---	---	---	---	---	---	---	---	---	7.5	6.7	7.1
		FEBRUARY			MARCH			APRIL			MAY	
1	7.2	7.0	7.1	7.4	7.2	7.2	7.0	6.8	6.9	7.2	7.0	7.1
2	7.2	7.0	7.1	7.5	7.2	7.3	7.3	6.9	7.0	7.3	7.1	7.2
3	7.3	7.2	7.2	7.6	7.3	7.5	7.3	7.0	7.1	7.5	7.1	7.2
4	7.3	7.2	7.3	7.3	7.1	7.2	7.3	7.0	7.1	7.8	7.2	7.5
5	7.4	7.3	7.4	7.2	7.1	7.1	7.1	6.9	7.0	7.7	7.3	7.5
6	7.3	7.2	7.2	7.3	7.1	7.2	7.0	6.8	6.9	7.5	7.3	7.4
7	---	---	---	7.2	7.0	7.1	7.1	6.8	6.9	7.3	6.9	7.1
8	---	---	---	7.4	7.0	7.2	7.1	6.8	6.9	7.0	6.8	7.0
9	7.2	7.0	7.1	7.4	7.1	7.3	7.1	6.8	7.0	7.0	6.7	6.8
10	7.4	7.1	7.2	7.4	7.1	7.2	7.1	6.8	6.9	6.8	6.5	6.7
11	---	---	---	7.6	7.3	7.4	6.9	6.7	6.8	6.7	6.5	6.6
12	7.6	7.4	7.5	7.6	7.3	7.4	6.9	6.8	6.9	6.8	6.5	6.6
13	7.5	7.3	7.4	8.1	7.5	7.6	7.0	6.8	6.9	6.8	6.6	6.7
14	7.4	7.3	7.3	7.6	7.3	7.5	7.1	7.0	7.0	6.7	6.5	6.6
15	7.4	7.2	7.3	7.4	7.0	7.2	7.2	6.9	7.1	6.6	6.5	6.6
16	---	---	---	7.4	7.0	7.1	7.2	6.8	6.9	6.7	6.6	6.6
17	7.7	7.3	7.5	7.4	7.2	7.4	6.8	6.7	6.8	6.9	6.7	6.8
18	7.6	7.4	7.5	7.2	7.1	7.2	6.9	6.8	6.8	7.0	6.7	6.8
19	7.8	7.5	7.6	7.2	7.0	7.1	6.8	6.7	6.8	7.0	6.8	6.9
20	8.2	7.5	7.8	7.2	7.0	7.1	6.8	6.7	6.8	7.0	6.8	6.9
21	7.6	7.4	7.5	7.2	7.0	7.1	6.8	6.7	6.8	7.2	7.0	7.1
22	7.8	7.4	7.5	7.2	7.0	7.1	6.9	6.6	6.8	7.2	7.0	7.1
23	7.9	7.4	7.6	7.2	6.9	7.1	6.9	6.8	6.8	7.2	7.0	7.1
24	7.8	7.4	7.6	7.0	6.8	7.0	7.0	6.9	6.9	7.5	7.1	7.2
25	7.5	7.3	7.4	6.9	6.8	6.9	7.0	6.9	7.0	7.3	7.2	7.3
26	7.4	7.2	7.3	6.9	6.7	6.8	7.0	6.9	6.9	7.3	6.9	7.1
27	7.6	7.2	7.4	6.8	6.7	6.7	7.0	6.8	6.9	7.1	6.9	7.0
28	7.8	7.3	7.6	7.0	6.7	6.8	7.1	6.9	7.0	7.2	7.0	7.1
29	---	---	---	7.0	6.8	6.9	7.0	6.9	7.0	7.5	7.1	7.2
30	---	---	---	7.0	6.8	6.9	7.2	6.9	7.0	7.3	7.1	7.2
31	---	---	---	7.0	6.8	6.9	---	---	---	7.5	7.0	7.2
MONTH	---	---	---	8.1	6.7	7.1	7.3	6.6	6.9	7.8	6.5	7.0

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, TOP—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.5	7.1	7.2	7.6	7.1	7.2	6.9	6.7	6.8	9.2	7.3	8.3
2	7.3	7.0	7.2	8.1	7.0	7.3	7.0	6.7	6.8	8.7	6.9	7.5
3	7.0	6.8	6.9	8.8	7.2	7.8	6.9	6.6	6.7	8.6	6.8	7.5
4	7.0	6.8	6.9	8.6	7.4	7.8	6.9	6.7	6.7	8.4	6.8	7.9
5	7.0	6.7	6.8	8.5	7.3	7.7	6.9	6.7	6.8	8.1	7.2	7.7
6	7.0	6.7	6.9	8.3	7.4	7.7	7.5	6.8	7.0	8.0	7.6	7.8
7	7.2	6.9	7.0	8.3	6.9	7.7	7.4	6.8	7.1	8.0	7.5	7.8
8	7.9	7.0	7.3	8.7	7.2	7.8	7.6	7.0	7.2	8.0	7.2	7.6
9	7.8	7.3	7.5	8.3	7.1	7.5	7.3	7.0	7.1	7.7	7.0	7.3
10	8.7	7.3	7.7	8.4	7.0	7.8	7.6	6.8	7.0	7.6	7.0	7.4
11	8.8	7.5	8.0	8.5	7.1	7.6	7.0	6.7	6.9	---	---	---
12	9.1	7.5	8.1	8.4	7.1	7.6	7.1	6.6	7.0	---	---	---
13	8.0	7.1	7.4	7.6	7.0	7.2	7.3	6.8	7.0	---	---	---
14	8.7	7.2	7.7	7.3	7.0	7.2	7.3	7.0	7.1	---	---	---
15	9.0	7.3	7.9	7.2	7.0	7.1	8.7	7.0	7.5	---	---	---
16	8.9	7.8	8.2	7.2	7.0	7.1	7.8	6.8	7.1	---	---	---
17	8.1	7.0	7.6	7.2	6.9	7.0	7.5	6.8	7.0	---	---	---
18	8.9	7.2	7.9	7.1	6.9	6.9	7.4	6.8	7.0	---	---	---
19	9.1	8.1	8.7	7.1	6.9	7.0	8.0	6.8	7.3	---	---	---
20	8.8	8.2	8.5	7.8	6.9	7.3	8.9	6.8	7.9	7.2	6.8	6.9
21	8.4	7.3	7.7	7.6	7.2	7.4	8.2	7.1	7.6	7.4	6.9	7.1
22	8.6	7.3	7.9	7.6	7.2	7.3	8.8	7.2	8.0	8.0	7.0	7.3
23	8.6	6.9	8.0	7.9	7.0	7.4	7.5	6.8	7.1	8.4	7.0	7.5
24	8.4	7.2	8.1	7.4	7.0	7.2	7.7	6.9	7.3	8.0	6.9	7.3
25	8.0	7.6	7.8	7.3	6.9	7.2	7.8	6.9	7.3	7.7	7.2	7.4
26	8.1	7.3	7.6	7.2	6.7	6.9	8.0	7.2	7.5	7.9	7.2	7.5
27	7.9	6.9	7.4	6.8	6.6	6.6	8.3	7.6	7.9	8.4	7.1	7.6
28	8.2	7.4	7.7	8.5	6.7	7.2	8.4	7.2	7.8	8.4	7.7	7.9
29	7.9	7.2	7.4	7.8	6.8	7.1	8.2	7.1	7.7	8.5	7.1	7.9
30	8.3	7.2	7.4	7.1	6.9	7.0	8.6	7.3	7.8	8.3	7.3	7.5
31	---	---	---	7.0	6.8	6.8	8.6	7.6	8.2	---	---	---
MONTH	9.1	6.7	7.6	8.8	6.6	7.3	8.9	6.6	7.3	---	---	---

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, BOTTOM
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.0	6.8	6.9	---	---	---	7.2	7.0	7.1	7.5	7.4	7.5
2	7.0	6.8	6.9	6.6	6.6	6.6	7.2	7.0	7.1	7.4	7.4	7.4
3	6.9	6.8	6.8	6.7	6.6	6.6	7.2	7.0	7.1	7.4	7.3	7.3
4	7.0	6.8	6.9	7.0	6.6	6.7	---	---	---	7.4	7.2	7.3
5	7.0	6.8	6.9	7.1	6.7	6.9	7.0	7.0	7.0	7.3	7.2	7.3
6	7.1	7.0	7.0	7.0	6.9	6.9	7.0	7.0	7.0	7.3	7.1	7.2
7	7.3	6.9	7.1	---	---	---	7.0	6.8	7.0	7.2	7.1	7.2
8	7.3	7.0	7.1	7.3	6.8	7.0	7.1	6.9	7.0	7.2	7.0	7.1
9	7.2	7.0	7.1	7.3	7.1	7.2	7.0	6.9	6.9	7.2	7.1	7.2
10	7.0	6.9	7.0	7.2	7.0	7.0	7.1	6.8	7.0	7.2	7.1	7.1
11	7.1	7.0	7.0	7.0	6.9	7.0	7.2	7.0	7.1	7.1	6.9	7.0
12	7.1	6.9	7.0	7.0	6.9	6.9	7.2	6.9	7.0	7.0	6.9	6.9
13	7.1	6.9	7.0	7.3	6.8	7.1	---	---	---	7.2	6.9	7.0
14	7.1	7.0	7.1	7.4	7.2	7.3	7.2	7.0	7.0	7.4	7.2	7.3
15	7.2	7.0	7.1	7.3	7.1	7.2	7.5	7.2	7.3	7.5	7.4	7.4
16	7.3	7.1	7.2	7.4	7.1	7.2	7.6	7.3	7.4	7.5	7.2	7.4
17	7.3	7.0	7.1	7.4	7.3	7.3	7.4	7.2	7.3	7.3	7.2	7.2
18	7.1	6.6	6.8	7.3	7.2	7.3	7.5	7.3	7.4	7.3	7.2	7.3
19	7.0	6.9	7.0	7.2	7.1	7.1	7.4	7.2	7.4	7.3	7.1	7.2
20	7.0	6.6	6.9	7.1	7.0	7.0	7.6	7.2	7.4	7.3	7.0	7.2
21	6.7	6.7	6.7	7.1	7.0	7.0	7.6	7.4	7.5	7.3	7.2	7.3
22	6.8	6.7	6.7	7.0	7.0	7.0	7.5	7.4	7.4	7.3	7.2	7.2
23	6.9	6.8	6.8	7.0	6.9	7.0	7.5	7.3	7.4	7.6	7.1	7.3
24	6.8	6.6	6.7	7.0	6.9	6.9	7.5	7.3	7.4	7.3	7.2	7.3
25	6.8	6.6	6.7	7.2	6.9	7.1	7.7	7.4	7.5	7.3	7.0	7.2
26	6.8	6.7	6.7	7.3	7.0	7.2	7.7	7.5	7.6	7.1	7.0	7.0
27	6.7	6.7	6.7	7.1	7.0	7.0	7.7	7.5	7.6	7.2	7.1	7.2
28	6.7	6.6	6.7	7.2	7.0	7.1	7.6	7.5	7.6	7.2	7.2	7.2
29	6.8	6.6	6.7	7.3	7.0	7.1	7.6	7.5	7.6	7.2	7.1	7.2
30	6.8	6.6	6.7	7.1	7.0	7.0	7.7	7.5	7.6	7.2	7.0	7.1
31	6.7	6.6	6.6	---	---	---	7.6	7.5	7.5	7.3	7.0	7.2
MONTH	7.3	6.6	6.9	---	---	---	---	---	---	7.6	6.9	7.2
		FEBRUARY			MARCH			APRIL			MAY	
1	7.3	7.1	7.2	7.3	7.1	7.3	7.0	6.8	6.8	7.2	7.1	7.2
2	7.3	7.1	7.2	7.5	7.2	7.4	7.3	6.9	7.0	7.3	7.0	7.1
3	7.3	7.2	7.2	7.6	7.4	7.5	7.3	6.9	7.1	7.2	7.0	7.1
4	7.4	7.1	7.3	7.6	7.2	7.4	7.3	7.0	7.1	7.7	6.9	7.1
5	7.4	7.2	7.3	7.4	6.9	7.2	7.2	6.8	7.0	7.9	6.9	7.4
6	7.3	7.1	7.3	7.5	7.3	7.4	7.0	6.9	7.0	7.5	7.2	7.3
7	---	---	---	7.3	6.9	7.1	7.2	6.9	7.0	7.2	6.9	7.0
8	---	---	---	7.4	7.0	7.2	7.2	7.0	7.1	7.0	6.7	6.9
9	7.3	7.0	7.2	7.4	7.1	7.3	7.3	7.0	7.2	6.9	6.6	6.8
10	7.4	7.0	7.2	7.5	7.0	7.2	7.2	6.8	7.0	6.8	6.4	6.6
11	---	---	---	7.7	7.3	7.4	6.9	6.8	6.9	6.6	6.3	6.5
12	7.5	7.3	7.4	7.8	7.4	7.6	7.0	6.9	6.9	6.7	6.4	6.5
13	7.5	7.2	7.4	8.0	7.4	7.6	7.1	6.9	7.0	6.8	6.5	6.6
14	7.4	7.1	7.3	7.7	7.5	7.6	7.2	7.0	7.1	6.5	6.3	6.4
15	7.3	7.1	7.2	7.6	7.2	7.4	7.2	6.9	7.1	6.4	6.3	6.4
16	---	---	---	7.7	7.1	7.3	7.2	6.8	6.9	6.5	6.4	6.4
17	7.3	7.2	7.3	7.7	7.3	7.5	6.9	6.7	6.8	6.7	6.5	6.6
18	7.3	7.1	7.2	7.3	7.2	7.2	6.9	6.7	6.8	6.7	6.5	6.6
19	7.2	7.0	7.0	7.2	7.1	7.2	6.8	6.6	6.7	6.8	6.6	6.7
20	7.3	7.0	7.1	7.2	7.1	7.2	6.8	6.6	6.7	6.8	6.6	6.7
21	7.2	6.9	7.1	7.2	7.1	7.2	6.7	6.6	6.7	7.0	6.8	6.9
22	7.1	6.9	7.0	7.2	7.0	7.1	6.8	6.6	6.7	7.0	6.8	6.9
23	7.1	6.9	7.0	7.2	6.9	7.1	6.9	6.7	6.8	7.0	6.9	6.9
24	7.5	6.9	7.0	7.1	6.9	7.0	7.0	6.8	6.9	7.2	6.9	7.0
25	7.4	7.0	7.2	7.0	6.9	6.9	7.0	6.8	6.9	7.2	7.1	7.1
26	7.3	7.0	7.1	6.9	6.8	6.8	6.9	6.8	6.9	7.2	6.9	7.0
27	7.6	7.0	7.2	6.8	6.7	6.8	6.9	6.8	6.8	7.1	6.8	6.9
28	7.8	7.0	7.5	6.9	6.7	6.8	6.9	6.7	6.7	7.0	6.8	6.9
29	---	---	---	7.0	6.8	6.9	7.0	6.7	6.7	7.1	6.9	7.0
30	---	---	---	7.0	6.8	6.9	7.2	6.8	7.1	7.1	6.8	7.0
31	---	---	---	7.0	6.8	6.9	---	---	---	7.4	6.7	6.8
MONTH	---	---	---	8.0	6.7	7.2	7.3	6.6	6.9	7.9	6.3	6.8

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, BOTTOM—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.4	6.7	7.1	7.1	6.9	7.0	7.1	6.9	6.9	7.8	7.0	7.2
2	7.3	7.0	7.2	7.0	6.8	6.9	7.0	7.0	7.0	7.2	7.0	7.2
3	7.1	6.8	6.9	8.5	6.8	7.1	7.1	7.0	7.0	7.2	7.0	7.1
4	6.9	6.7	6.8	8.0	6.8	7.0	7.1	6.8	7.0	7.5	7.0	7.1
5	6.8	6.7	6.7	7.4	6.8	7.1	7.0	6.7	6.9	8.0	7.1	7.6
6	6.8	6.4	6.6	7.5	6.8	7.2	6.8	6.6	6.7	8.1	7.6	7.9
7	6.9	6.5	6.7	7.6	6.8	6.9	7.3	6.6	6.9	8.1	7.4	7.9
8	7.0	6.7	6.8	7.9	6.9	7.4	7.4	6.8	7.1	8.0	7.2	7.5
9	7.5	7.0	7.2	7.2	6.9	7.0	7.0	6.7	6.8	7.6	7.2	7.3
10	8.5	7.0	7.4	7.1	6.9	6.9	7.0	6.7	6.8	7.6	7.1	7.4
11	8.6	7.4	7.8	7.0	6.8	6.9	7.0	6.7	6.9	---	---	---
12	9.0	7.5	8.0	7.1	6.9	7.0	7.2	6.9	7.1	---	---	---
13	7.8	7.2	7.4	7.2	6.9	7.1	7.5	6.9	7.2	---	---	---
14	7.7	7.2	7.4	7.1	6.9	7.0	7.6	6.9	7.3	---	---	---
15	8.0	6.9	7.2	7.0	6.8	7.0	7.6	7.1	7.4	---	---	---
16	7.2	6.6	6.8	7.0	6.7	6.9	7.5	7.3	7.5	---	---	---
17	6.9	6.7	6.9	6.8	6.7	6.7	7.6	7.4	7.6	---	---	---
18	7.0	6.8	6.9	6.9	6.7	6.7	7.6	7.1	7.4	---	---	---
19	7.0	6.8	7.0	6.9	6.7	6.8	7.2	7.0	7.2	---	---	---
20	7.0	6.8	7.0	6.9	6.7	6.8	7.2	7.0	7.1	6.8	6.7	6.8
21	7.1	6.7	7.0	6.9	6.7	6.8	7.2	6.7	7.1	6.8	6.8	6.8
22	6.9	6.7	6.8	6.9	6.8	6.8	7.0	7.0	7.0	6.8	6.8	6.8
23	7.0	6.7	6.8	7.0	6.8	6.8	7.2	7.0	7.1	6.9	6.8	6.8
24	6.9	6.7	6.8	7.1	6.8	6.9	7.2	7.1	7.2	6.9	6.8	6.8
25	6.9	6.7	6.8	7.0	6.8	6.9	7.2	7.1	7.1	6.9	6.8	6.8
26	7.2	6.8	7.0	7.1	6.7	7.0	7.3	7.1	7.2	7.3	6.8	7.0
27	7.2	7.0	7.1	7.2	7.0	7.1	7.4	6.8	7.1	8.1	7.1	7.3
28	8.1	7.0	7.3	7.2	7.0	7.2	7.6	6.8	7.0	8.3	7.0	7.4
29	7.8	7.2	7.4	7.3	6.8	7.0	7.1	6.8	6.9	7.8	6.9	7.1
30	7.8	7.0	7.3	7.1	6.8	7.0	7.4	6.8	6.9	7.4	7.0	7.3
31	---	---	---	7.1	6.8	6.9	8.2	6.9	7.5	---	---	---
MONTH	9.0	6.4	7.1	8.5	6.7	7.0	8.2	6.6	7.1	---	---	---

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, TOP
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.3	23.6	23.9	---	---	---	13.5	12.6	13.0	6.7	5.5	6.0
2	25.8	23.9	24.3	20.8	19.9	20.4	12.7	11.5	12.0	7.4	6.1	6.6
3	26.2	24.6	25.4	20.9	20.1	20.5	12.3	11.5	11.9	7.8	6.7	7.1
4	25.7	24.6	25.2	20.4	19.6	20.0	---	---	---	9.9	7.1	8.6
5	25.5	24.5	24.8	19.9	18.4	19.3	11.3	10.3	10.7	11.0	8.9	10.0
6	24.5	23.1	23.6	---	---	---	11.0	10.3	10.5	11.4	9.8	10.7
7	23.3	22.1	22.7	---	---	---	12.1	10.2	11.0	12.8	8.1	11.7
8	23.4	21.8	22.6	---	---	---	14.0	11.9	12.8	12.8	11.4	12.2
9	23.4	22.1	22.7	---	---	---	13.6	12.0	12.6	12.7	11.8	12.4
10	23.3	22.0	22.5	---	---	---	14.2	12.6	13.6	13.1	11.7	12.3
11	22.6	21.5	21.9	15.6	13.9	14.7	14.1	13.0	13.6	12.9	9.7	12.2
12	21.8	20.3	21.0	16.7	15.2	16.0	13.0	11.9	12.4	13.3	12.0	12.6
13	20.9	20.6	20.7	16.5	14.1	15.6	---	---	---	14.7	13.2	13.8
14	21.0	20.5	20.7	14.2	12.8	13.7	12.1	10.3	11.0	15.4	13.9	14.8
15	20.7	19.9	20.4	13.1	12.1	12.8	10.5	9.0	9.8	13.9	11.5	12.8
16	20.0	18.8	19.3	12.8	11.4	12.2	9.9	7.8	8.9	11.8	10.2	11.0
17	19.1	18.4	18.8	13.4	10.9	12.3	9.9	7.7	8.9	10.3	8.4	9.4
18	19.0	18.2	18.6	13.4	12.0	12.9	10.0	8.4	9.4	8.4	5.7	6.7
19	20.5	18.8	19.7	13.1	11.8	12.6	10.2	8.7	9.5	6.5	5.2	5.7
20	20.7	20.2	20.5	13.1	12.1	12.6	9.1	6.3	7.8	6.1	5.0	5.6
21	20.2	19.4	19.8	13.2	12.5	12.8	7.0	4.2	5.5	6.2	5.1	5.4
22	20.2	18.7	19.5	13.4	12.7	12.9	6.7	5.0	6.0	6.1	4.1	4.9
23	20.1	18.1	19.0	13.8	13.1	13.4	8.2	6.4	7.3	5.9	3.2	4.8
24	19.7	17.5	18.5	14.7	13.5	13.9	8.2	6.9	7.8	3.2	1.8	2.6
25	19.6	17.5	18.7	15.8	14.5	15.1	6.9	6.0	6.4	3.5	2.2	2.9
26	19.0	16.9	18.1	14.5	12.4	13.3	6.2	5.5	6.0	4.2	3.1	3.6
27	19.0	17.8	18.5	14.0	12.1	12.8	5.7	4.6	5.3	4.6	3.8	4.2
28	19.2	17.9	18.8	14.3	13.6	13.9	5.4	3.8	4.6	4.2	3.0	3.6
29	---	---	---	13.6	12.4	12.9	6.2	4.5	5.4	3.8	2.6	3.2
30	---	---	---	13.2	11.9	12.7	5.7	4.8	5.3	4.2	3.5	3.8
31	---	---	---	---	---	---	6.1	4.7	5.2	4.6	3.7	4.1
MONTH	---	---	---	---	---	---	---	---	---	15.4	1.8	7.9
		FEBRUARY			MARCH			APRIL			MAY	
1	4.9	4.1	4.5	9.6	8.5	9.2	19.0	16.9	17.7	19.7	19.2	19.5
2	5.5	4.0	4.8	8.5	7.4	8.0	18.7	16.9	18.1	20.6	18.9	19.7
3	5.4	4.8	5.1	8.3	7.1	7.8	16.9	15.1	15.9	21.7	18.8	19.8
4	5.3	4.9	5.1	9.4	6.8	8.0	16.9	15.0	15.9	21.1	19.5	20.2
5	6.2	5.0	5.5	8.8	7.7	8.2	17.7	16.2	16.9	20.3	18.5	19.3
6	7.0	5.4	6.2	9.6	7.6	8.6	18.8	16.8	17.5	18.5	15.9	17.2
7	---	---	---	10.4	8.3	9.3	19.2	17.5	18.3	16.9	15.0	15.9
8	---	---	---	10.9	9.7	10.3	20.1	18.4	19.0	17.8	16.0	16.9
9	9.1	7.3	8.2	9.7	8.5	9.2	19.7	17.7	18.7	19.9	16.4	18.0
10	9.1	7.7	8.7	10.2	8.7	9.4	18.1	17.1	17.6	19.2	17.3	18.1
11	---	---	---	10.7	9.1	9.9	19.6	16.9	17.9	20.2	18.1	18.9
12	8.2	6.7	7.4	10.6	9.3	9.9	18.2	16.8	17.7	23.9	19.6	21.0
13	8.9	7.6	8.3	12.1	10.0	10.8	17.1	15.9	16.6	21.5	20.2	20.8
14	9.5	8.6	9.0	11.6	10.6	11.0	15.9	14.6	15.1	21.2	20.1	20.5
15	10.1	9.1	9.5	11.7	10.1	10.8	14.7	13.2	13.9	22.1	20.3	21.0
16	---	---	---	11.1	9.8	10.5	13.6	12.4	13.2	23.2	21.4	22.1
17	11.8	8.7	10.9	9.8	8.5	9.1	14.8	12.6	13.4	23.1	22.0	22.4
18	10.2	9.0	9.6	9.3	8.2	8.7	16.4	13.2	14.3	23.8	21.8	22.7
19	10.9	8.2	9.4	9.6	8.6	9.0	17.1	14.4	15.5	23.1	22.5	22.8
20	10.5	9.3	9.9	11.6	9.6	10.3	18.2	15.9	16.7	22.8	21.8	22.3
21	11.3	10.0	10.8	12.3	10.7	11.3	21.8	17.0	18.3	22.3	21.2	21.7
22	12.0	11.0	11.3	12.6	11.2	11.9	20.4	18.2	19.4	22.5	21.0	21.7
23	11.9	11.0	11.4	14.5	12.6	13.3	20.3	19.0	19.7	23.1	21.8	22.4
24	11.3	10.1	10.7	14.9	13.3	14.0	19.7	17.4	18.4	23.9	21.9	22.7
25	10.1	8.8	9.4	14.8	13.5	14.1	17.9	16.5	17.2	22.5	21.1	21.7
26	10.3	8.1	9.1	15.3	13.6	14.5	17.6	16.9	17.3	22.3	20.6	21.4
27	10.2	8.9	9.4	14.8	14.2	14.5	18.7	17.4	17.9	23.3	21.4	21.9
28	9.4	8.8	9.1	15.7	14.4	15.0	19.6	17.4	18.3	24.1	22.2	23.0
29	---	---	---	16.3	14.8	15.5	18.7	17.4	18.0	24.7	22.9	23.8
30	---	---	---	17.0	15.5	16.2	19.8	18.1	18.9	24.1	23.1	23.6
31	---	---	---	17.8	16.0	17.0	---	---	---	23.7	22.7	23.1
MONTH	---	---	---	17.8	6.8	11.1	21.8	12.4	17.1	24.7	15.0	20.8

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, TOP—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	23.0	22.1	22.6	28.8	27.7	28.0	29.3	28.2	28.8	31.7	28.6	29.4
2	22.1	21.5	21.8	30.1	28.2	28.9	30.3	27.9	29.0	31.0	29.1	29.5
3	23.2	21.8	22.2	30.1	28.1	29.0	31.1	27.9	29.1	30.3	28.6	29.3
4	24.4	22.2	23.0	29.7	28.2	28.8	29.5	27.8	28.5	29.4	27.8	28.5
5	26.4	22.5	24.0	30.3	28.7	29.4	29.4	28.0	28.8	28.0	27.0	27.5
6	25.5	24.2	24.8	30.8	29.1	29.7	30.3	28.4	29.3	27.1	26.4	26.8
7	26.8	24.7	25.4	30.6	28.9	29.9	30.0	29.0	29.6	26.5	25.9	26.2
8	27.6	25.8	26.5	30.8	29.2	30.1	29.3	28.5	28.9	26.7	25.7	26.2
9	27.3	26.5	26.8	30.4	29.2	29.7	29.3	28.1	28.6	27.0	25.5	26.2
10	27.6	26.1	26.8	30.5	29.2	29.9	29.9	28.1	28.7	26.5	25.1	25.7
11	27.8	26.6	27.1	31.3	29.6	30.1	29.6	28.7	29.1	---	---	---
12	28.2	26.7	27.4	31.1	29.7	30.2	30.7	29.3	29.7	---	---	---
13	28.7	27.2	27.8	30.1	28.9	29.4	31.1	29.8	30.2	---	---	---
14	29.4	27.6	28.3	29.4	28.5	28.9	30.7	29.9	30.3	---	---	---
15	30.1	28.2	28.9	29.0	28.1	28.5	33.5	30.0	31.2	---	---	---
16	31.3	29.0	29.8	29.2	27.6	28.2	32.1	30.2	30.8	---	---	---
17	29.6	24.8	27.8	29.6	27.5	28.2	31.1	29.4	30.0	---	---	---
18	28.4	27.1	27.7	28.9	27.7	28.3	30.5	28.7	29.5	---	---	---
19	27.5	26.2	26.7	30.0	28.1	28.8	32.4	29.4	30.1	---	---	---
20	26.2	25.2	25.6	31.2	29.0	29.8	33.4	29.8	31.0	28.7	27.0	27.5
21	27.7	24.6	25.7	30.7	29.2	29.8	32.1	30.6	31.2	27.8	26.7	27.4
22	27.4	24.6	25.9	30.6	29.5	29.9	32.4	30.5	31.4	28.1	26.4	27.0
23	28.0	25.9	26.7	32.4	29.2	30.5	31.5	30.0	30.6	30.8	27.0	28.2
24	28.1	26.3	27.1	31.3	28.8	30.2	30.3	29.0	29.5	29.6	27.0	28.0
25	27.4	26.4	26.8	30.4	28.9	29.6	29.1	27.5	28.5	27.7	26.3	27.2
26	27.7	26.3	26.9	32.3	28.9	30.2	29.4	27.3	28.3	27.4	26.2	26.8
27	28.4	26.8	27.4	31.3	29.1	30.0	28.7	27.6	28.1	27.6	26.2	26.9
28	28.4	27.8	28.1	34.1	30.7	32.0	29.2	27.3	28.1	27.0	26.0	26.5
29	28.1	27.1	27.6	32.0	30.0	30.8	28.9	27.8	28.4	27.6	25.8	26.6
30	28.6	26.8	27.3	31.0	29.8	30.3	29.6	28.6	29.2	27.1	25.4	26.0
31	---	---	---	30.1	29.0	29.6	30.5	29.2	29.7	---	---	---
MONTH	31.3	21.5	26.4	34.1	27.5	29.6	33.5	27.3	29.5	---	---	---

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, BOTTOM
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.3	23.6	23.9	---	---	---	14.1	12.8	13.5	7.0	6.6	6.8
2	25.3	23.8	24.1	19.7	19.4	19.5	13.6	11.7	12.7	7.1	6.8	7.0
3	25.3	24.2	24.7	19.8	19.5	19.7	13.3	12.1	12.7	7.4	7.0	7.2
4	25.4	24.4	24.8	20.1	19.8	20.0	---	---	---	7.5	7.0	7.3
5	25.1	24.5	24.7	20.1	19.3	19.6	13.7	12.8	13.5	7.6	7.1	7.4
6	24.5	23.0	23.6	19.5	19.0	19.4	13.6	13.3	13.5	9.2	7.5	8.2
7	23.3	22.1	22.7	---	---	---	13.6	11.4	12.7	9.3	7.9	8.5
8	23.3	21.8	22.5	19.4	17.5	18.5	13.1	11.8	12.4	10.9	8.1	9.3
9	23.2	22.0	22.5	17.9	15.7	16.6	13.3	12.9	13.1	9.6	8.8	9.0
10	22.8	21.8	22.3	16.8	15.9	16.5	14.2	12.8	13.6	9.7	9.2	9.3
11	22.6	21.4	21.9	16.6	15.8	16.4	14.1	12.9	13.6	9.7	9.2	9.3
12	21.4	20.1	20.7	16.6	16.2	16.4	14.0	12.1	13.2	10.1	9.4	9.7
13	20.9	20.5	20.7	16.5	15.1	15.7	---	---	---	14.3	9.8	11.3
14	20.9	20.5	20.7	15.2	13.6	14.2	14.1	12.5	13.5	15.4	13.9	14.7
15	20.7	19.9	20.4	14.2	13.3	13.8	12.9	9.5	10.8	13.9	11.6	12.9
16	20.0	18.8	19.3	14.1	13.8	14.0	10.8	9.3	10.4	12.0	10.4	11.1
17	19.1	18.3	18.6	14.0	13.2	13.6	11.0	10.1	10.6	10.7	9.0	9.8
18	21.1	18.4	19.8	13.6	13.2	13.4	10.7	9.7	10.3	9.1	6.2	7.1
19	20.5	19.0	19.6	13.9	13.6	13.7	10.3	9.7	9.9	7.4	5.9	7.0
20	20.9	20.3	20.5	14.1	13.8	14.0	10.2	7.0	8.1	7.7	6.0	7.3
21	21.2	20.8	21.1	14.2	13.8	14.0	7.6	6.4	7.1	7.6	7.2	7.4
22	21.2	20.7	21.0	14.3	14.0	14.2	7.4	6.1	7.0	7.6	7.0	7.4
23	20.9	19.3	20.1	14.3	13.9	14.2	8.2	7.0	7.6	7.2	4.0	5.4
24	20.2	19.6	20.1	14.4	13.9	14.3	8.5	7.6	8.0	4.0	2.7	3.6
25	20.2	19.6	20.0	15.8	14.3	15.0	8.3	7.9	8.1	4.1	3.0	3.7
26	19.8	18.6	19.4	14.8	13.5	14.1	8.3	5.9	6.6	4.8	4.0	4.5
27	19.4	18.9	19.2	14.5	14.0	14.4	6.0	5.1	5.5	4.5	3.8	4.0
28	19.4	18.8	19.2	14.3	13.6	14.0	6.0	5.0	5.5	4.4	4.1	4.2
29	19.3	19.0	19.2	13.9	13.3	13.7	6.3	5.5	5.8	4.6	4.3	4.5
30	19.3	19.0	19.2	14.1	13.8	13.9	6.5	6.0	6.3	4.8	3.7	4.4
31	19.3	19.1	19.3	---	---	---	6.7	6.3	6.6	4.5	3.8	4.1
MONTH	25.4	18.3	21.2	---	---	---	---	---	---	15.4	2.7	7.5
		FEBRUARY			MARCH			APRIL			MAY	
1	4.7	4.0	4.2	9.6	8.9	9.3	18.6	16.8	17.3	19.7	19.2	19.4
2	4.7	4.2	4.5	9.2	7.4	8.2	18.7	16.9	18.1	20.5	18.9	19.4
3	5.1	4.5	4.8	8.6	7.6	8.3	16.9	15.1	15.9	19.9	18.9	19.2
4	5.2	4.8	5.0	8.6	7.9	8.4	16.6	14.9	15.8	20.9	18.9	19.4
5	6.0	4.9	5.3	8.4	7.7	8.1	17.7	16.2	16.7	20.2	18.6	19.3
6	6.6	5.4	5.6	8.4	8.0	8.2	18.7	16.9	17.4	18.6	15.9	17.3
7	---	---	---	10.4	8.4	9.2	19.3	17.6	18.4	17.1	15.0	15.9
8	---	---	---	10.8	9.5	10.2	20.0	18.5	18.9	17.8	16.1	16.9
9	7.0	5.9	6.1	9.7	8.6	9.1	19.8	17.8	18.8	17.6	16.1	16.7
10	7.4	6.0	6.6	9.8	8.7	9.2	18.1	16.8	17.6	19.0	16.3	17.1
11	---	---	---	10.6	9.1	9.7	18.7	16.9	17.5	19.6	18.1	18.7
12	7.6	6.8	7.1	10.6	9.2	9.8	18.2	16.9	17.7	21.4	18.5	19.6
13	7.7	6.7	7.1	11.6	9.8	10.5	17.1	16.0	16.6	21.6	18.3	20.6
14	9.3	6.9	8.1	11.5	10.6	11.0	16.0	14.7	15.1	21.2	20.1	20.5
15	9.3	8.3	8.8	11.4	10.1	10.7	14.8	13.3	13.9	21.8	20.3	20.8
16	---	---	---	11.1	9.8	10.5	13.7	12.4	13.3	22.6	21.4	21.7
17	8.8	7.4	7.9	9.8	8.4	9.1	14.4	12.5	13.3	23.0	21.9	22.4
18	8.9	8.0	8.3	9.2	8.1	8.6	15.3	13.3	14.0	23.3	21.9	22.3
19	8.6	8.1	8.3	9.5	8.6	9.0	16.5	14.5	15.1	23.1	22.5	22.8
20	9.2	8.4	8.6	10.5	9.5	9.9	18.1	15.7	16.4	22.6	21.8	22.3
21	10.3	8.7	9.4	12.0	10.5	11.1	18.9	17.1	17.6	22.3	21.3	21.7
22	10.1	8.9	9.3	12.5	11.2	11.8	20.4	18.2	19.3	22.4	21.0	21.7
23	9.9	9.0	9.4	14.4	12.5	13.2	20.3	19.1	19.7	22.8	21.6	22.1
24	10.6	9.3	9.8	14.5	13.3	13.7	19.7	17.5	18.4	23.4	21.9	22.4
25	10.2	9.3	9.6	14.7	13.4	14.0	17.9	16.5	17.2	22.6	21.2	21.7
26	9.6	9.5	9.5	15.1	13.6	14.4	17.6	16.9	17.3	22.3	20.7	21.3
27	9.6	9.1	9.4	14.8	14.2	14.5	18.7	17.4	17.9	21.9	21.4	21.6
28	9.4	8.7	9.1	15.6	14.4	14.9	18.3	16.2	17.0	23.6	21.8	22.4
29	---	---	---	16.1	14.8	15.4	18.4	16.3	16.9	24.1	23.0	23.4
30	---	---	---	17.0	15.4	15.9	19.8	18.0	18.9	23.9	22.3	23.3
31	---	---	---	17.7	15.9	16.8	---	---	---	23.4	21.8	22.3
MONTH	---	---	---	17.7	7.4	11.1	20.4	12.4	16.9	24.1	15.0	20.5

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, BOTTOM—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	23.1	22.0	22.5	27.9	26.9	27.2	29.8	28.8	29.4	29.7	28.9	29.1
2	22.3	21.6	21.9	28.0	27.1	27.5	29.4	29.3	29.4	29.0	28.9	28.9
3	22.5	21.8	21.9	29.8	27.1	28.0	29.3	29.1	29.2	29.2	28.9	29.0
4	22.5	21.8	21.9	29.0	27.5	28.1	29.2	28.8	29.1	29.1	28.6	28.9
5	23.3	21.7	21.9	29.7	28.0	28.8	29.1	28.3	28.8	28.8	27.5	27.9
6	25.2	21.7	22.9	29.7	28.1	29.1	29.3	28.2	28.6	27.7	26.4	26.9
7	25.7	23.4	24.4	30.2	27.8	28.4	29.9	28.8	29.3	26.6	25.9	26.2
8	26.6	23.6	24.8	30.2	29.2	29.7	29.3	28.5	28.8	26.1	25.7	25.9
9	26.9	26.3	26.5	29.6	29.0	29.3	28.5	27.9	28.2	26.6	25.6	26.1
10	27.6	26.0	26.6	29.7	28.9	29.1	29.0	28.1	28.5	26.5	25.3	25.8
11	27.4	26.6	26.9	29.2	28.6	28.8	28.7	28.4	28.5	---	---	---
12	28.1	26.7	27.3	29.2	28.4	28.7	29.5	28.4	28.6	---	---	---
13	28.4	27.1	27.5	29.3	28.3	28.7	30.4	28.5	29.3	---	---	---
14	28.2	27.6	27.8	29.0	28.6	28.8	30.5	28.8	29.9	---	---	---
15	29.3	27.7	28.1	28.8	27.9	28.3	30.5	28.7	29.4	---	---	---
16	28.9	26.0	27.6	28.4	26.8	27.3	29.4	28.7	28.8	---	---	---
17	26.0	23.9	24.4	28.0	26.8	27.2	29.2	28.8	29.0	---	---	---
18	24.5	23.8	24.1	28.4	27.5	27.9	28.9	28.6	28.8	---	---	---
19	24.8	23.5	24.0	28.6	27.8	28.0	29.1	28.6	28.7	---	---	---
20	24.6	23.5	23.8	28.4	27.7	28.0	29.2	28.6	28.7	27.1	25.8	26.3
21	24.7	23.8	24.1	29.7	27.9	28.2	29.7	28.6	28.8	27.2	25.8	26.2
22	24.9	24.3	24.6	30.0	28.1	28.5	29.0	28.6	28.8	26.4	25.8	26.0
23	24.9	23.9	24.3	29.6	28.7	29.1	29.4	28.6	28.8	26.7	26.1	26.3
24	25.7	24.2	24.7	29.0	28.6	28.7	29.4	28.9	29.0	26.7	26.1	26.3
25	25.5	24.8	25.1	29.5	28.7	28.9	29.0	28.9	29.0	26.8	26.3	26.6
26	26.9	25.2	25.8	29.4	28.5	28.8	29.0	28.8	28.9	27.2	26.7	26.9
27	27.4	25.5	26.1	28.8	28.4	28.6	28.9	28.2	28.6	27.4	26.5	27.0
28	28.3	26.8	27.5	28.9	28.5	28.6	28.5	27.9	28.2	27.2	26.1	26.6
29	27.8	27.0	27.4	30.8	28.5	29.8	28.3	28.1	28.2	26.8	26.2	26.4
30	27.2	26.7	27.0	30.8	29.8	30.1	29.3	28.1	28.4	26.8	25.6	26.0
31	---	---	---	30.2	29.6	29.9	30.2	28.8	29.3	---	---	---
MONTH	29.3	21.6	25.1	30.8	26.8	28.6	30.5	27.9	28.9	---	---	---

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, TOP
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.1	5.9	6.4	---	---	---	8.7	7.7	8.1	10.9	10.5	10.7
2	6.9	5.4	6.2	7.8	4.6	6.5	8.8	8.0	8.3	11.0	9.7	10.6
3	8.1	6.0	6.8	8.0	3.5	6.6	8.8	7.8	8.3	10.7	10.1	10.5
4	7.9	5.9	7.0	8.0	3.3	6.7	---	---	---	10.7	10.2	10.4
5	8.0	5.6	6.5	7.7	5.9	6.8	8.8	8.2	8.5	10.5	9.9	10.2
6	7.6	6.6	7.1	---	---	---	8.9	8.3	8.7	10.1	9.4	9.8
7	7.9	6.2	7.0	---	---	---	9.2	8.4	8.8	10.2	6.6	9.4
8	8.6	6.5	7.4	---	---	---	9.4	8.8	9.0	9.5	8.7	9.0
9	7.8	6.5	7.0	---	---	---	9.2	8.4	8.7	9.0	7.9	8.8
10	7.5	6.0	6.8	---	---	---	9.0	8.4	8.8	8.8	7.6	8.1
11	7.5	6.6	7.0	8.7	6.3	7.7	9.3	8.5	8.9	9.6	6.4	8.4
12	8.1	6.9	7.3	8.9	6.6	7.7	9.4	8.5	9.1	9.0	7.9	8.6
13	7.6	6.8	7.2	8.4	6.9	7.6	---	---	---	9.1	8.6	8.9
14	7.6	7.0	7.3	8.9	8.0	8.5	9.4	7.7	8.8	9.0	8.6	8.8
15	7.7	6.9	7.3	8.6	8.0	8.2	9.5	8.5	9.1	9.8	8.9	9.3
16	8.2	7.2	7.8	8.3	7.3	7.9	10.9	9.0	9.5	10.1	9.5	9.8
17	8.5	7.4	8.0	8.1	7.5	7.7	11.3	9.2	9.5	10.3	9.2	9.8
18	8.0	6.8	7.5	7.9	6.9	7.3	10.1	8.1	9.3	11.0	10.2	10.7
19	7.4	6.8	7.2	8.4	6.9	7.6	11.6	8.3	9.6	11.0	10.1	10.4
20	7.5	7.2	7.4	8.5	6.9	7.7	10.2	8.3	9.3	10.5	10.1	10.3
21	7.7	6.9	7.4	8.8	7.0	8.4	11.1	9.6	10.5	11.0	9.3	10.5
22	7.6	3.2	5.2	8.6	6.4	7.9	11.1	10.4	10.6	11.2	9.6	10.7
23	7.0	3.5	5.1	8.6	7.9	8.3	10.6	10.2	10.4	12.1	10.0	11.0
24	6.6	3.2	4.9	8.4	6.6	7.8	10.6	10.2	10.4	12.6	12.0	12.3
25	5.9	2.3	4.1	8.7	7.4	8.1	10.9	10.4	10.6	12.4	12.1	12.2
26	6.4	3.0	5.1	9.2	8.0	8.6	10.9	10.4	10.6	12.3	12.1	12.2
27	5.8	3.0	4.7	9.1	6.8	8.4	10.9	10.4	10.7	12.5	12.0	12.2
28	5.4	1.8	3.3	8.6	6.4	8.0	10.9	10.3	10.6	12.7	11.9	12.3
29	---	---	---	8.8	8.0	8.4	10.7	10.2	10.4	12.7	12.1	12.4
30	---	---	---	8.3	7.0	7.7	10.7	10.4	10.5	12.5	11.9	12.2
31	---	---	---	---	---	---	10.8	10.4	10.6	12.7	12.2	12.5
MONTH	---	---	---	---	---	---	---	---	---	12.7	6.4	10.4
		FEBRUARY			MARCH			APRIL			MAY	
1	12.6	12.2	12.4	11.1	9.7	10.5	8.5	7.6	8.0	8.5	7.8	8.1
2	12.7	12.2	12.3	11.8	10.5	11.2	8.4	7.4	8.0	8.6	7.8	8.2
3	12.3	11.8	12.0	11.9	10.8	11.4	8.9	7.5	8.3	9.2	7.7	8.3
4	12.2	11.8	12.0	11.5	10.9	11.2	8.7	7.8	8.3	9.7	8.3	9.0
5	12.4	12.0	12.2	11.8	10.7	11.1	8.3	7.3	7.6	9.6	8.4	9.0
6	12.3	11.8	12.0	11.9	10.8	11.3	7.8	7.1	7.4	9.2	8.3	8.8
7	---	---	---	11.5	10.3	11.0	7.9	6.8	7.4	8.8	7.7	8.4
8	---	---	---	11.4	10.3	10.9	7.8	7.0	7.4	8.5	7.2	7.8
9	11.9	11.1	11.6	11.0	10.2	10.7	7.8	7.1	7.4	7.9	7.2	7.5
10	11.6	11.1	11.3	---	---	---	7.8	6.8	7.3	7.5	6.3	7.0
11	---	---	---	---	---	---	7.3	6.2	6.7	7.0	5.9	6.5
12	12.0	11.5	11.7	---	---	---	7.5	6.5	7.0	6.9	5.6	6.3
13	12.1	11.5	11.8	---	---	---	7.8	7.0	7.3	7.1	6.2	6.7
14	12.1	11.6	11.8	---	---	---	8.4	7.8	8.0	6.4	5.3	5.7
15	12.3	11.3	11.8	---	---	---	9.1	7.5	8.5	6.2	5.5	5.8
16	---	---	---	---	---	---	9.1	7.9	8.2	6.7	5.7	6.1
17	12.2	10.0	11.6	---	---	---	7.9	7.3	7.5	7.3	6.2	6.6
18	11.5	9.8	11.2	10.4	10.0	10.2	8.1	7.3	7.8	7.6	6.0	6.7
19	12.3	11.2	11.7	10.3	9.8	10.1	8.1	7.6	7.8	7.0	6.3	6.6
20	13.1	11.3	12.1	10.4	10.0	10.2	7.9	7.5	7.7	7.1	5.7	6.4
21	12.0	10.8	11.4	10.4	9.9	10.1	7.6	7.2	7.4	7.3	6.3	6.9
22	12.0	10.9	11.3	10.4	9.7	10.1	7.6	6.7	7.2	7.5	6.6	7.0
23	11.9	10.8	11.4	10.1	9.2	9.6	7.7	7.0	7.3	7.3	6.5	6.9
24	11.7	10.1	11.0	9.3	8.7	9.0	7.8	7.3	7.5	7.9	6.6	7.1
25	11.1	10.1	10.6	9.0	8.5	8.8	7.8	7.4	7.6	7.1	6.7	6.9
26	11.2	10.4	10.8	8.8	8.3	8.6	7.8	7.3	7.5	7.4	6.3	6.9
27	11.6	9.8	10.8	8.5	7.8	8.2	7.9	7.1	7.5	7.5	6.3	6.9
28	11.6	10.2	11.0	8.4	7.7	8.0	8.2	7.5	7.9	7.7	6.8	7.2
29	---	---	---	8.6	7.9	8.3	8.2	7.6	7.8	8.6	7.1	7.7
30	---	---	---	8.4	7.7	8.0	8.3	7.3	7.9	8.1	7.2	7.7
31	---	---	---	8.6	7.6	8.1	---	---	---	8.3	6.8	7.4
MONTH	---	---	---	---	---	---	9.1	6.2	7.6	9.7	5.3	7.2

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, TOP—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.3	7.0	7.5	9.4	5.2	6.3	6.0	4.5	5.1	14.2	4.7	9.2
2	7.9	6.8	7.4	9.3	5.8	7.2	6.9	4.5	5.3	12.1	0.6	5.7
3	6.9	6.0	6.5	11.1	6.0	8.2	5.9	2.7	4.4	10.8	0.1	5.2
4	6.7	5.1	6.2	10.3	6.4	8.3	5.8	3.3	4.5	9.4	0.1	7.5
5	7.2	4.8	6.0	10.3	6.4	8.2	6.2	4.0	5.2	8.2	4.5	6.8
6	6.6	5.3	6.0	10.2	7.4	8.3	8.8	5.1	6.7	8.0	6.2	7.3
7	7.3	5.7	6.3	9.5	3.7	7.9	8.3	5.9	7.2	8.5	6.4	7.5
8	10.2	6.5	7.7	9.6	6.3	7.9	8.2	6.5	7.2	9.1	5.8	7.4
9	9.2	7.9	8.4	8.9	4.9	7.2	7.8	6.1	6.9	9.3	6.4	7.5
10	9.9	7.3	8.4	9.2	4.0	7.8	8.5	4.2	6.4	8.4	5.1	6.9
11	10.3	7.9	8.9	9.9	4.4	7.6	6.5	4.9	6.0	---	---	---
12	11.0	7.6	8.8	9.1	6.1	7.5	7.2	3.5	6.4	---	---	---
13	8.6	6.0	7.3	7.3	2.3	5.6	7.9	5.7	6.6	---	---	---
14	9.8	6.3	7.7	5.5	3.8	4.7	7.8	5.8	6.8	---	---	---
15	10.1	6.9	8.1	5.6	4.2	4.9	10.7	5.9	7.7	---	---	---
16	10.6	7.6	8.7	6.2	4.8	5.3	8.4	4.6	6.5	---	---	---
17	8.6	0.5	6.2	6.7	4.1	5.0	7.8	1.3	5.6	---	---	---
18	11.2	4.2	7.9	5.8	4.5	5.0	6.7	0.0	3.2	---	---	---
19	11.3	8.6	10.0	6.3	4.2	5.1	8.4	0.3	6.1	---	---	---
20	9.6	8.4	8.9	8.1	4.8	6.1	11.3	1.2	7.9	7.2	3.3	4.7
21	9.0	5.3	7.8	7.6	3.0	6.0	9.1	4.7	7.3	8.0	4.3	6.1
22	11.9	7.0	9.1	7.5	5.1	6.0	11.2	4.7	8.7	10.4	4.9	7.1
23	11.7	4.0	9.5	8.8	2.0	6.1	7.5	0.3	5.0	11.9	5.1	8.3
24	9.5	6.8	8.8	8.3	1.2	5.5	7.7	0.1	5.2	10.2	4.6	7.0
25	8.6	7.3	7.9	8.1	2.4	6.1	8.1	0.1	5.5	8.1	6.0	7.1
26	9.1	6.7	7.6	7.5	3.9	5.6	8.9	4.3	6.4	9.1	6.3	7.5
27	9.2	4.2	6.5	5.8	3.4	4.3	9.7	7.1	8.2	11.3	5.8	7.8
28	8.8	6.3	7.7	10.4	3.2	7.1	10.2	4.5	7.9	10.6	7.2	8.6
29	8.1	5.5	6.8	8.5	2.9	6.4	9.1	3.8	7.3	10.8	4.8	8.4
30	10.9	5.6	6.9	6.8	5.3	5.9	9.6	5.2	7.7	9.6	5.0	6.3
31	---	---	---	6.3	4.8	5.3	10.1	5.6	8.2	---	---	---
MONTH	11.9	0.5	7.7	11.1	1.2	6.4	11.3	0.0	6.4	---	---	---

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.9	5.6	6.1	---	---	---	8.2	4.5	6.9	10.0	9.2	9.6
2	6.5	5.1	5.9	1.8	0.3	0.8	8.2	6.6	7.6	9.4	8.8	9.1
3	6.4	4.6	5.7	2.2	0.0	0.6	7.8	6.0	7.0	9.0	8.0	8.6
4	7.5	4.6	6.2	6.3	0.7	3.0	---	---	---	9.7	7.6	8.3
5	7.0	5.4	6.1	6.8	2.5	5.6	5.4	4.0	4.7	8.2	7.8	8.0
6	7.7	6.6	7.2	6.3	4.7	5.4	4.5	4.1	4.4	8.2	7.0	7.7
7	7.9	6.0	6.9	---	---	---	8.6	3.3	5.2	7.8	6.4	7.3
8	8.2	6.0	7.0	8.5	3.9	6.2	8.7	5.0	7.6	8.9	6.6	7.3
9	7.7	6.0	6.7	9.0	7.3	8.1	6.4	3.2	4.0	7.4	6.9	7.2
10	6.9	5.8	6.4	8.2	5.9	6.8	8.4	3.4	7.7	7.6	6.4	6.8
11	7.4	6.6	7.0	7.0	4.9	5.7	8.6	8.2	8.4	6.7	5.6	6.2
12	7.2	6.4	6.9	6.9	4.7	5.5	8.6	3.5	6.1	6.0	4.8	5.4
13	7.6	6.4	7.0	9.0	4.7	7.7	---	---	---	8.6	4.9	6.1
14	7.6	7.0	7.3	10.0	8.0	9.1	6.0	3.9	4.5	8.9	8.4	8.8
15	7.8	7.0	7.4	9.2	7.5	8.2	9.2	5.9	7.7	9.6	8.8	9.1
16	8.3	7.3	7.9	8.2	7.4	7.7	9.7	8.3	9.0	9.8	9.0	9.4
17	8.4	7.6	8.0	7.7	7.1	7.5	9.9	7.6	8.8	9.8	8.9	9.3
18	8.1	0.6	3.5	7.6	5.9	7.0	9.9	8.8	9.5	10.7	9.3	10.2
19	7.4	5.8	7.0	6.2	5.0	5.6	9.7	7.9	9.2	10.4	9.4	9.9
20	7.7	0.8	6.4	5.1	4.3	4.8	11.5	7.8	10.5	10.0	8.2	9.2
21	1.8	0.4	0.8	4.9	3.9	4.3	11.9	10.6	11.1	8.9	8.5	8.7
22	1.5	0.3	0.7	4.2	3.4	3.7	11.7	10.2	10.7	8.7	7.9	8.4
23	6.8	0.8	3.6	4.7	3.0	3.5	11.9	9.5	10.8	11.3	8.2	10.1
24	4.9	0.5	3.0	7.2	2.7	3.9	11.9	10.6	11.4	11.7	10.8	11.2
25	8.9	0.3	4.3	8.1	4.6	7.1	11.3	10.2	10.8	11.7	10.5	11.0
26	7.7	2.0	4.6	8.3	5.1	6.7	12.3	10.8	11.9	10.7	8.0	9.7
27	5.8	3.2	4.5	6.1	4.8	5.4	12.6	11.9	12.3	10.9	10.0	10.7
28	5.7	3.2	3.7	7.4	5.0	6.1	12.5	11.6	12.1	10.7	10.2	10.5
29	4.8	1.6	3.1	7.8	5.0	5.9	12.3	10.4	11.7	10.4	9.9	10.2
30	3.4	0.9	1.7	5.8	4.6	5.0	11.2	10.0	10.7	11.8	9.2	10.4
31	2.9	0.6	1.3	---	---	---	10.5	9.6	10	11.8	9.8	11.0
MONTH	8.9	0.3	5.3	---	---	---	---	---	---	11.8	4.8	8.9
		FEBRUARY			MARCH			APRIL			MAY	
1	11.2	9.5	10.8	10.6	9.6	10.1	8.0	7.2	7.6	8.4	8.0	8.2
2	10.7	9.4	10.2	11.3	9.9	10.7	8.2	7.3	7.8	8.5	7.1	7.9
3	11.2	9.3	10.1	11.4	10.2	10.8	8.9	7.3	8.3	8.3	6.5	7.6
4	11.3	10.2	11.1	11.3	8.3	10.0	8.8	7.9	8.4	9.6	5.6	7.1
5	11.5	10.3	11.2	11.0	8.6	10.1	8.4	7.0	7.6	9.7	6.1	8.7
6	11.2	9.5	10.5	9.9	8.6	9.3	7.9	7.1	7.4	9.0	8.3	8.8
7	---	---	---	11.0	6.1	9.6	8.2	7.0	7.5	8.7	7.7	8.2
8	---	---	---	11.0	10.0	10.6	8.0	7.2	7.5	8.1	6.8	7.4
9	10.2	8.0	9.4	10.8	10.2	10.5	8.0	7.2	7.5	7.2	5.7	6.5
10	10.2	8.2	9.5	11.1	9.2	10.6	8.0	7.0	7.4	6.6	4.8	5.9
11	---	---	---	11.6	11.0	11.3	7.2	6.2	6.7	6.8	5.7	6.3
12	11.0	9.6	10.3	11.6	10.8	11.3	7.7	6.7	7.1	6.3	3.8	5.7
13	10.5	8.7	9.7	11.9	10.3	11.2	8.0	7.0	7.4	6.9	3.3	6.2
14	10.9	7.9	9.9	11.4	10.9	11.1	8.4	7.8	8.0	6.2	5.1	5.6
15	10.8	9.1	9.8	11.3	10.2	10.7	9.1	7.4	8.4	5.9	5.2	5.5
16	---	---	---	11.0	7.4	9.8	9.0	7.7	8.2	6.4	5.3	5.7
17	9.5	8.3	8.9	10.8	10.1	10.6	7.7	7.2	7.3	6.9	6.0	6.4
18	9.3	6.7	8.3	10.8	10.2	10.4	8.0	7.2	7.6	6.5	5.2	5.9
19	7.7	5.8	6.7	10.5	10.1	10.3	8.0	7.6	7.8	6.2	5.5	5.9
20	9.3	5.4	6.8	10.5	10.2	10.3	7.8	7.5	7.6	6.4	5.1	5.8
21	9.2	6.2	7.7	10.5	10.0	10.3	7.6	7.2	7.4	6.8	5.8	6.4
22	7.4	5.1	6.1	10.5	9.9	10.2	7.6	6.7	7.2	6.9	6.1	6.4
23	7.4	4.7	6.0	10.3	9.2	9.7	7.7	7.0	7.4	6.6	5.8	6.3
24	9.9	4.7	6.8	9.3	8.7	8.9	7.8	7.1	7.5	7.1	6.2	6.5
25	9.7	5.7	8.3	9.1	8.4	8.8	7.7	7.2	7.5	6.9	6.5	6.7
26	8.3	6.0	6.8	8.8	8.2	8.5	7.8	7.1	7.5	7.6	6.3	6.9
27	10.0	6.1	7.6	8.4	7.5	8.0	7.9	7.1	7.5	7.5	6.5	6.9
28	11.0	6.4	10.1	8.2	7.4	7.8	7.7	4.3	5.5	7.5	6.5	6.9
29	---	---	---	8.4	7.7	8.1	7.6	4.0	4.6	7.8	6.7	7.2
30	---	---	---	8.2	7.4	7.8	8.4	6.1	8.1	7.7	3.6	6.4
31	---	---	---	8.4	7.2	7.8	---	---	---	7.9	2.3	4.0
MONTH	---	---	---	11.9	6.1	9.8	9.1	4.0	7.4	9.7	2.3	6.6

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.0	2.3	6.2	5.0	3.3	4.4	5.0	0.0	1.9	5.8	0.1	2.2
2	7.5	6.4	7.1	5.4	1.9	3.4	0.1	0.0	0.0	0.4	0.1	0.1
3	7.2	5.0	6.3	9.5	1.2	4.1	0.1	0.0	0.0	0.1	0.1	0.1
4	6.4	3.2	4.8	8.3	1.0	3.9	0.3	0.0	0.1	2.9	0.1	0.6
5	4.5	2.7	3.4	8.0	2.6	5.7	5.4	0.1	1.2	6.9	0.1	3.5
6	5.3	1.5	3.2	8.0	1.0	6.3	5.6	0.3	3.2	7.2	5.1	6.2
7	5.7	2.4	4.4	7.6	0.1	1.7	8.0	3.5	6.3	7.5	4.3	6.5
8	6.8	2.7	4.3	8.2	4.4	6.3	8.0	4.3	6.9	7.2	2.6	5.2
9	7.9	6.1	7.0	5.7	1.6	3.6	6.9	2.8	4.9	7.1	2.6	5.0
10	9.3	5.6	7.3	4.5	0.7	1.8	6.7	0.3	2.3	7.1	3.6	6.0
11	9.6	7.3	8.1	1.1	0.1	0.2	0.7	0.1	0.3	---	---	---
12	10.7	7.4	8.5	0.8	0.1	0.1	4.1	0.0	0.7	---	---	---
13	8.1	5.6	6.5	4.8	0.1	1.5	6.5	0.0	2.7	---	---	---
14	7.9	5.3	6.7	4.4	1.3	2.4	6.6	0.1	4.6	---	---	---
15	8.4	5.5	6.3	4.8	1.4	3.8	6.5	0.0	2.0	---	---	---
16	7.0	0.1	3.2	5.1	3.5	4.3	0.4	0.0	0.1	---	---	---
17	0.1	0.0	0.1	4.8	3.4	4.0	0.1	0.0	0.1	---	---	---
18	0.1	0.0	0.1	5.4	3.3	4.4	0.1	0.0	0.1	---	---	---
19	0.1	0.0	0.1	4.8	0.1	2.4	0.1	0.1	0.1	---	---	---
20	0.1	0.0	0.1	1.5	0.0	0.2	0.1	0.1	0.1	2.7	0.1	0.9
21	3.0	0.0	0.2	4.0	0.0	0.4	0.1	0.1	0.1	2.8	0.0	1.0
22	4.3	0.1	1.9	4.1	0.0	0.5	0.2	0.1	0.1	0.5	0.0	0.1
23	2.0	0.0	0.3	4.6	0.2	1.7	0.2	0.0	0.1	1.6	0.0	0.3
24	2.3	0.0	0.3	0.2	0.0	0.1	0.1	0.0	0.0	0.2	0.0	0.1
25	0.7	0.0	0.1	2.6	0.0	0.3	0.1	0.0	0.1	0.3	0.0	0.1
26	5.3	0.0	1.8	1.9	0.0	0.1	0.1	0.1	0.1	6.5	0.0	2.1
27	4.4	0.2	1.7	0.8	0.0	0.0	2.5	0.0	0.4	9.3	4.2	6.0
28	9.1	0.7	4.4	0.1	0.0	0.0	7.0	0.2	2.5	9.6	3.6	6.2
29	8.0	4.6	6.3	6.9	0.0	2.1	3.5	0.0	0.7	8.0	1.7	3.9
30	8.2	3.5	5.8	6.2	1.3	4.2	5.9	0.0	1.6	6.4	3.3	5.4
31	---	---	---	5.5	0.8	3.7	7.0	1.0	4.9	---	---	---
MONTH	10.7	0.0	3.9	9.5	0.0	2.5	8.0	0.0	1.6	---	---	---

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, TOP
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	85	70	76	---	---	---	82	73	77	88	84	86
2	85	64	74	87	51	73	81	74	78	90	79	87
3	101	72	84	90	39	73	81	72	77	89	84	87
4	97	71	85	88	36	74	---	---	---	92	85	89
5	98	67	78	84	64	74	80	74	77	94	88	90
6	90	77	84	---	---	---	80	74	78	92	85	88
7	93	71	82	---	---	---	86	75	80	96	56	87
8	101	74	85	---	---	---	90	82	86	89	82	84
9	92	75	81	---	---	---	88	78	82	85	73	83
10	88	69	78	---	---	---	88	79	85	82	70	76
11	86	76	81	86	63	76	89	82	86	90	56	78
12	93	77	82	92	67	78	88	80	85	85	73	81
13	85	76	81	82	70	77	---	---	---	88	82	86
14	85	78	82	85	77	82	85	72	80	89	85	87
15	86	76	81	81	75	78	84	75	80	91	86	88
16	90	79	85	78	68	73	97	79	82	91	85	89
17	92	80	86	76	69	72	100	78	82	89	82	86
18	86	73	81	74	66	69	89	72	82	90	86	87
19	81	74	78	79	66	71	102	74	84	87	80	83
20	84	80	82	79	65	72	83	71	78	84	80	82
21	85	75	82	83	67	80	87	79	83	87	75	83
22	82	35	57	81	61	75	88	84	86	87	77	84
23	75	38	55	83	76	80	89	84	86	91	80	86
24	69	35	52	82	64	75	89	86	88	93	90	91
25	62	25	44	87	73	81	88	85	86	94	89	91
26	68	32	54	87	77	82	87	84	85	94	90	92
27	62	32	50	86	66	79	86	82	85	96	92	94
28	57	20	36	83	62	78	85	81	82	95	90	93
29	---	---	---	83	76	79	85	80	83	96	89	93
30	---	---	---	78	67	73	85	82	83	95	90	93
31	---	---	---	---	---	---	86	82	84	99	93	96
MONTH	---	---	---	---	---	---	---	---	---	99	56	87
		FEBRUARY			MARCH			APRIL			MAY	
1	98	94	96	97	84	91	92	79	84	93	86	88
2	99	94	96	101	89	95	90	77	85	96	84	90
3	98	92	94	101	91	96	91	77	84	105	84	91
4	96	92	95	101	90	95	87	78	84	109	91	99
5	100	94	97	101	91	95	85	74	79	104	91	97
6	101	94	97	103	92	97	81	73	77	98	86	92
7	---	---	---	102	88	96	86	71	79	91	80	86
8	---	---	---	103	92	98	85	75	80	88	73	81
9	102	93	99	96	88	93	83	77	80	84	76	80
10	100	93	98	---	---	---	82	72	76	80	66	75
11	---	---	---	---	---	---	80	64	71	77	64	71
12	102	94	97	---	---	---	79	68	73	77	62	71
13	104	96	100	---	---	---	80	72	75	80	69	75
14	104	100	102	---	---	---	83	78	80	71	59	64
15	109	98	103	---	---	---	88	73	82	71	61	65
16	---	---	---	---	---	---	87	75	79	79	65	71
17	113	86	105	---	---	---	75	70	72	85	71	76
18	103	85	98	91	85	88	82	70	76	90	69	78
19	111	95	102	90	84	87	83	75	79	82	73	77
20	117	100	108	94	88	91	84	77	80	82	65	73
21	108	96	103	95	91	93	87	76	79	83	72	79
22	111	99	104	98	91	93	84	71	78	87	74	80
23	110	98	105	95	89	92	85	76	80	86	75	80
24	107	90	99	90	84	88	83	78	81	94	76	82
25	96	89	93	89	83	86	82	76	79	81	76	79
26	100	88	94	87	80	84	82	76	79	85	72	78
27	101	86	95	84	77	81	83	74	79	88	72	79
28	100	89	96	84	76	80	90	79	84	92	78	84
29	---	---	---	88	78	83	88	80	83	104	83	92
30	---	---	---	87	77	82	91	77	85	97	85	91
31	---	---	---	91	77	84	---	---	---	98	79	87
MONTH	---	---	---	---	---	---	92	64	79	109	59	81

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, TOP—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	97	81	88	120	66	81	78	58	66	194	62	122
2	91	78	84	124	75	94	92	58	69	163	8	75
3	79	70	75	147	77	108	80	36	58	144	1	68
4	80	59	73	136	82	108	76	43	58	122	1	96
5	90	56	72	137	83	107	81	52	68	105	57	86
6	81	63	73	137	97	110	117	66	89	101	77	91
7	92	69	77	127	48	105	110	77	96	106	79	93
8	128	80	96	129	83	106	107	84	93	114	71	92
9	116	99	106	119	65	95	102	78	90	117	78	93
10	126	90	105	123	53	103	112	54	83	104	63	85
11	131	99	112	134	58	101	85	64	78	---	---	---
12	142	95	112	123	81	99	97	46	85	---	---	---
13	110	76	94	97	30	73	107	75	88	---	---	---
14	129	80	99	72	49	61	104	77	91	---	---	---
15	134	89	106	73	55	63	151	78	104	---	---	---
16	143	99	115	81	61	68	116	62	87	---	---	---
17	112	6	79	88	52	65	105	17	75	---	---	---
18	144	54	101	75	57	65	89	0	42	---	---	---
19	143	107	126	84	54	66	114	4	81	---	---	---
20	118	102	110	110	63	81	159	16	108	93	42	60
21	115	64	96	102	39	80	125	63	100	101	54	77
22	151	85	113	101	67	80	155	64	118	134	61	89
23	150	49	119	121	26	82	102	4	67	160	64	107
24	122	85	111	112	16	73	102	1	69	134	58	90
25	109	91	99	108	32	81	105	1	71	103	75	89
26	115	83	96	103	51	74	117	55	83	114	78	94
27	119	53	83	79	45	57	125	92	106	144	73	98
28	114	81	99	148	43	98	133	58	102	134	90	108
29	104	70	86	117	39	86	118	49	94	137	60	105
30	138	71	87	92	70	79	126	67	100	121	62	78
31	---	---	---	84	63	70	135	73	109	---	---	---
MONTH	151	6	96	148	16	84	159	0	85	---	---	---

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	83	66	73	---	---	---	79	44	66	82	76	79
2	79	61	70	20	3	9	76	63	72	77	73	75
3	78	55	69	24	0	7	73	57	66	74	67	71
4	92	55	75	69	8	33	---	---	---	80	64	69
5	85	65	74	74	28	62	51	39	45	69	65	67
6	91	77	85	69	51	59	43	39	42	70	61	65
7	93	69	81	---	---	---	80	31	49	66	56	63
8	96	69	81	90	42	67	81	48	71	81	58	64
9	90	69	77	91	75	83	61	30	38	64	60	62
10	80	66	74	84	61	70	82	32	74	67	56	59
11	85	75	80	71	50	58	82	79	81	58	49	54
12	82	71	77	71	48	56	82	34	59	53	42	48
13	85	71	78	90	48	78	---	---	---	84	43	56
14	85	78	82	97	79	89	57	38	43	88	82	86
15	87	78	82	89	73	80	81	56	70	89	84	86
16	91	80	86	80	72	75	86	75	81	88	81	86
17	90	82	85	75	69	72	88	69	79	86	79	82
18	87	7	38	73	57	67	88	79	85	87	81	84
19	82	63	76	60	49	54	86	70	81	85	78	81
20	86	9	71	49	42	47	96	70	88	82	68	77
21	20	5	9	48	38	42	97	88	92	74	71	73
22	17	3	8	41	33	36	94	85	88	72	66	70
23	74	9	39	46	29	34	100	80	90	87	68	80
24	54	6	33	70	26	38	100	90	96	87	83	85
25	97	3	47	82	45	70	96	86	91	88	80	83
26	84	22	50	80	50	66	99	92	97	82	62	75
27	63	35	49	59	47	53	100	95	98	83	77	81
28	61	35	40	72	49	59	99	93	96	82	79	81
29	52	17	33	75	49	57	98	84	94	80	77	79
30	37	10	19	56	45	49	90	81	87	91	72	81
31	31	7	15	---	---	---	85	78	81	90	76	84
MONTH	97	3	60	---	---	---	---	---	---	91	42	74
		FEBRUARY			MARCH			APRIL			MAY	
1	86	74	83	92	84	88	86	74	79	92	87	89
2	82	73	79	96	86	91	88	76	83	95	78	86
3	88	73	79	97	87	92	91	75	84	90	70	83
4	89	80	87	96	71	86	89	79	85	108	61	78
5	92	82	89	94	73	86	86	72	78	105	66	94
6	90	76	84	84	73	79	82	74	78	96	86	92
7	---	---	---	99	52	84	89	74	81	88	79	83
8	---	---	---	99	89	94	86	77	81	84	69	77
9	83	65	76	94	88	91	85	78	81	76	58	67
10	84	68	78	98	80	92	84	74	78	71	49	61
11	---	---	---	104	96	100	77	64	70	74	62	68
12	92	79	85	104	95	99	81	70	75	71	41	62
13	87	72	80	110	92	100	81	72	76	78	35	69
14	95	66	84	103	98	101	83	78	80	69	57	62
15	94	78	85	103	92	96	88	72	82	67	58	62
16	---	---	---	98	67	88	86	73	78	74	60	65
17	82	70	76	95	89	92	73	68	70	81	69	74
18	80	57	71	94	87	90	78	69	74	75	60	69
19	66	50	57	92	87	89	80	75	77	73	64	68
20	81	46	59	93	90	92	83	76	78	74	58	67
21	82	54	67	96	92	94	80	75	77	78	67	72
22	65	44	53	98	91	95	84	71	78	80	69	73
23	65	41	52	98	89	93	85	76	81	77	67	72
24	89	41	60	90	83	86	84	75	81	84	71	75
25	87	50	73	90	81	85	81	74	78	80	74	77
26	73	53	60	87	79	83	82	74	78	86	70	79
27	87	54	67	83	74	79	83	74	79	86	74	79
28	95	56	88	82	73	78	82	44	58	88	75	80
29	---	---	---	85	76	81	81	41	48	93	78	85
30	---	---	---	85	74	79	92	65	87	91	42	76
31	---	---	---	88	73	81	---	---	---	93	26	46
MONTH	---	---	---	110	52	89	92	41	77	108	26	74

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	93	26	71	64	42	55	65	0	25	77	1	29
2	86	73	82	69	24	43	1	0	0	5	1	1
3	83	57	72	126	15	53	1	0	0	1	1	1
4	74	37	55	108	13	50	4	0	0	38	1	8
5	52	31	38	106	33	74	70	1	15	88	1	45
6	65	17	38	106	13	82	73	4	42	91	64	78
7	70	28	53	101	1	22	106	46	82	93	53	81
8	85	32	53	109	58	83	104	56	90	89	32	65
9	99	76	88	75	21	47	89	36	63	89	32	62
10	118	69	91	59	9	24	87	4	30	87	44	73
11	122	91	101	14	1	3	9	1	4	---	---	---
12	137	94	107	10	1	1	54	0	9	---	---	---
13	103	71	83	63	1	19	87	0	36	---	---	---
14	102	67	86	57	17	31	88	1	62	---	---	---
15	110	70	81	62	18	49	87	0	27	---	---	---
16	91	1	41	66	44	54	5	0	0	---	---	---
17	1	0	0	62	43	51	1	0	0	---	---	---
18	1	0	0	70	42	57	1	0	0	---	---	---
19	1	0	0	62	1	31	1	1	1	---	---	---
20	1	0	0	19	0	2	1	1	1	34	1	11
21	36	0	2	53	0	5	1	1	1	35	0	12
22	52	1	23	54	0	7	3	1	2	6	0	0
23	24	0	3	61	3	22	3	0	2	20	0	3
24	28	0	4	3	0	0	1	0	0	2	0	0
25	9	0	1	34	0	3	1	0	0	4	0	1
26	67	0	23	25	0	1	1	1	1	82	0	27
27	56	2	22	10	0	0	32	0	5	118	53	76
28	117	9	57	1	0	0	90	3	32	120	45	78
29	101	59	80	93	0	28	45	0	10	99	21	48
30	103	44	73	83	17	56	77	0	21	79	41	67
31	---	---	---	73	11	49	93	13	64	---	---	---
MONTH	137	0	48	126	0	32	106	0	20	---	---	---

02092500 TRENT RIVER NEAR TRENTON, NC

LOCATION.--Lat 35°03'51", long 77°27'41", Jones County, Hydrologic Unit 03020204, on left bank 50 ft downstream of Free Bridge on Secondary Road 1129, 800 ft downstream of Little Chinquapin Branch, 1.5 mi southwest of Phillips Crossroads, and 6 mi west of Trenton.

DRAINAGE AREA.--168 mi^2.

PERIOD OF RECORD.--January 1951 to current year.

GAGE.--Water-stage recorder. Datum of gage is 19.15 ft above NGVD of 1929. Prior to Mar. 21, 1951, nonrecording gage on bridge 50 ft upstream at same datum. Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records good. Maximum discharge for period of record from rating curve extended above 4,000 ft^3/s on basis of one section slope-conveyance measurement of peak flow; maximum gage height, 22.33 ft, from high-water mark in gage house. Minimum discharge for period of record also occurred Oct. 24, 25, 26, 1974. Minimum discharge for current water year also occurred Sept. 9, 10.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in 1928 reached a stage of 17.3 ft; discharge, 7,600 ft^3/s, from information provided by North Carolina State Highway Commission.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	119	29	471	194	162	241	288	32	40	818	128	7.0
2	113	26	410	161	163	271	299	31	43	1,060	150	6.4
3	95	23	335	138	149	268	379	29	52	1,100	154	5.8
4	110	25	263	121	155	236	383	26	58	945	130	5.1
5	90	30	206	108	174	187	390	24	66	740	114	4.9
6	92	36	163	98	176	152	394	64	66	555	89	4.4
7	84	35	138	90	159	129	359	299	63	383	62	3.9
8	68	32	123	82	140	112	295	414	66	246	44	3.9
9	56	29	111	75	130	102	244	551	107	150	34	3.8
10	48	26	111	71	118	92	228	581	238	101	27	4.2
11	42	25	160	66	110	87	226	493	232	74	24	4.1
12	36	28	209	61	100	83	211	382	188	58	26	4.0
13	38	136	225	58	89	79	190	305	140	47	24	5.5
14	64	251	209	71	81	70	210	271	105	45	20	16
15	69	291	172	158	81	63	278	202	80	72	17	139
16	93	299	139	225	75	59	345	146	61	74	15	250
17	135	279	117	267	73	74	403	207	48	55	14	305
18	142	234	103	279	70	125	404	158	39	46	13	340
19	126	177	107	262	66	164	348	120	32	42	13	336
20	108	133	89	214	61	184	260	97	28	36	12	283
21	92	112	77	171	58	206	176	106	24	37	12	178
22	77	92	71	148	58	194	128	121	21	45	11	116
23	65	109	71	133	59	175	100	122	18	76	13	78
24	56	245	86	121	67	174	80	108	15	91	22	58
25	50	330	99	110	106	188	65	102	14	84	24	46
26	45	377	115	102	145	197	55	97	15	61	19	38
27	42	369	181	95	159	186	48	81	16	45	14	35
28	39	400	242	86	184	190	43	68	15	34	11	32
29	36	449	263	77	---	263	38	57	161	33	9.5	28
30	33	482	259	87	---	304	34	49	433	28	8.2	24
31	29	---	232	134	---	306	---	44	---	35	7.5	---
TOTAL	2,292	5,109	5,557	4,063	3,168	5,161	6,901	5,387	2,484	7,216	1,261.2	2,365.0
MEAN	73.9	170	179	131	113	166	230	174	82.8	233	40.7	78.8
MAX	142	482	471	279	184	306	404	581	433	1,100	154	340
MIN	29	23	71	58	58	59	34	24	14	28	7.5	3.8
CFSM	0.44	1.01	1.07	0.78	0.67	0.99	1.37	1.03	0.49	1.39	0.24	0.47
IN.	0.51	1.13	1.23	0.90	0.70	1.14	1.53	1.19	0.55	1.60	0.28	0.52

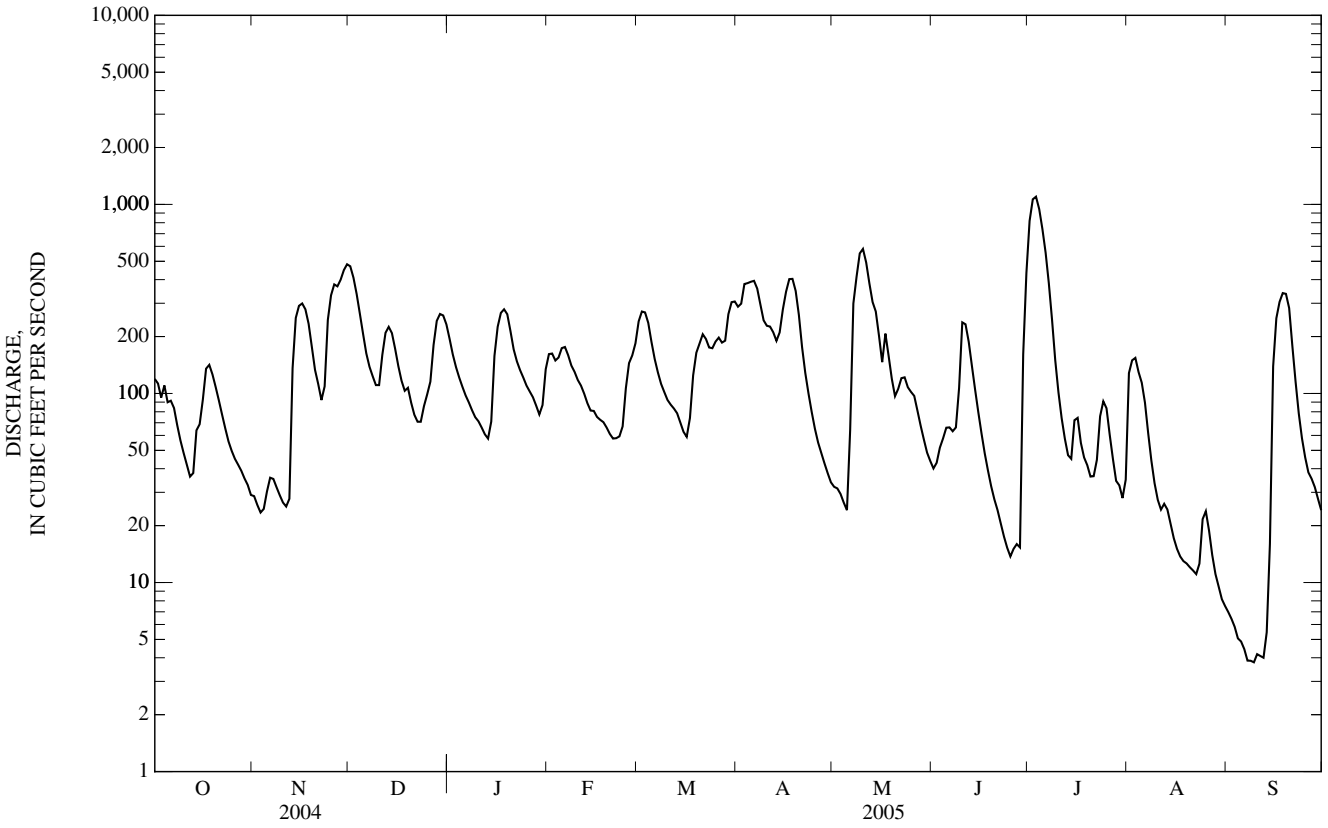
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2005, BY WATER YEAR (WY)

MEAN	110	93.1	166	287	321	339	215	121	127	161	176	170
MAX	864	378	551	703	1,024	963	684	435	768	1,381	1,587	2,121
(WY)	(1972)	(2004)	(1958)	(1978)	(1998)	(1983)	(1973)	(1978)	(1961)	(1962)	(1955)	(1999)
MIN	1.58	1.80	6.65	17.2	31.8	36.5	23.1	10.2	2.77	4.78	1.81	2.55
(WY)	(1955)	(1955)	(1955)	(1955)	(1955)	(1955)	(1955)	(1985)	(1985)	(1993)	(1993)	(1995)

02092500 TRENT RIVER NEAR TRENTON, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1951 - 2005	
ANNUAL TOTAL	77,392		50,964.2			
ANNUAL MEAN	211		140		191	
HIGHEST ANNUAL MEAN					316	1960
LOWEST ANNUAL MEAN					74.2	2002
HIGHEST DAILY MEAN	3,160	Aug 17	1,100	Jul 3	12,000	Sep 17, 1999
LOWEST DAILY MEAN	18	May 29	3.8	Sep 9	0.33	Oct 7, 1993
ANNUAL SEVEN-DAY MINIMUM	20	May 27	4.0	Sep 6	0.39	Oct 22, 1973
MAXIMUM PEAK FLOW			1,120	Jul 3	15,000*	Sep 17, 1999
MAXIMUM PEAK STAGE			11.96	Jul 3	22.33*	Sep 17, 1999
INSTANTANEOUS LOW FLOW			3.6*	Sep 7	0.30*	Oct 23, 1974
ANNUAL RUNOFF (CFSM)	1.26		0.831		1.14	
ANNUAL RUNOFF (INCHES)	17.14		11.28		15.49	
10 PERCENT EXCEEDS	444		304		474	
50 PERCENT EXCEEDS	120		95		82	
90 PERCENT EXCEEDS	36		21		8.1	

* See REMARKS.



02092554 TRENT RIVER AT POLLOCKSVILLE, NC

LOCATION.--Lat 35°00'36", long 77°13'08", Jones County, Hydrologic Unit 03020204, at downstream side of bridge on U.S. Highway 17, 0.5 mi downstream from Goshen Branch, and 0.2 mi northeast of Pollocksville.

DRAINAGE AREA.--370 mi^2.

PERIOD OF RECORD.--July 1996 to current year.

GAGE.--Water-stage recorder and acoustic velocity meter. Datum of gage is at NGVD of 1929. Prior to Oct. 1999 datum reported as 10 ft below NGVD of 1929. Satellite telemetry at station.

REMARKS.--Records fair except those for negative daily discharges, which are poor. This site is strongly affected by both astronomical and wind tides. The astronomical tides occur at primary harmonic periods of 12.42 hours and 24.8 hours. Mean daily discharge data for this site may be affected by aliasing due to tides and can contain fluctuations that are not representative of net downstream discharge.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 18,600 ft^3/s, Sept. 19, 1999, maximum gage height, 16.29 ft, Sept. 19, 1999, from flood mark; minimum discharge, -3,560 ft^3/s, Sept. 6, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,230 ft^3/s, May 7, maximum gage height, 6.23 ft, Sept. 15; minimum discharge, -2,060 ft^3/s, Sept. 15.

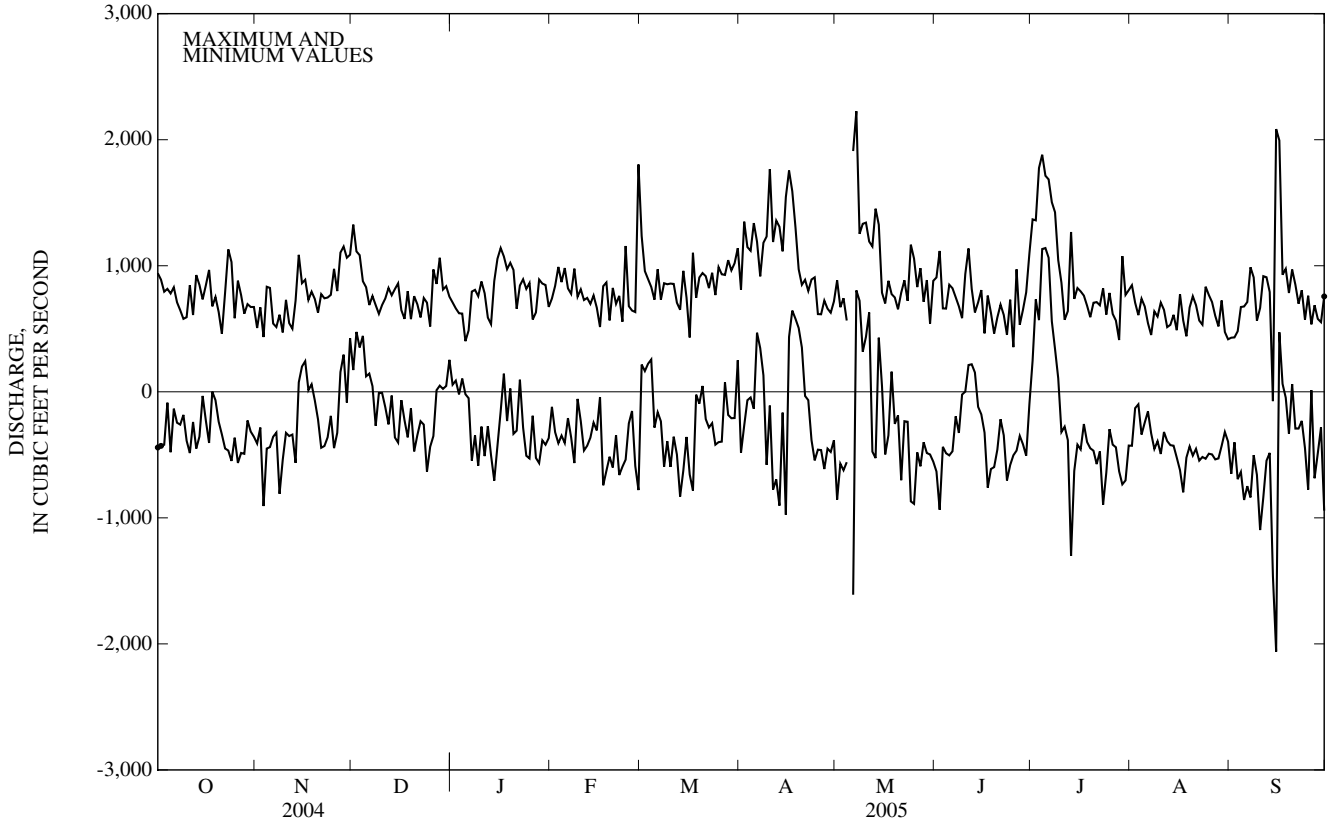
DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	941	-442	506	-410	1,330	172	709	56	740	-119	1,240	216
2	890	-429	670	-284	1,110	475	661	89	840	-321	957	164
3	794	-420	434	-907	1,080	352	623	-20	991	-408	894	222
4	817	-86	833	-450	877	444	621	105	870	-347	831	256
5	780	-479	824	-439	830	122	402	-19	982	-406	731	-284
6	829	-134	541	-357	688	144	487	-51	820	-209	972	-163
7	710	-245	514	-324	759	45	795	-545	777	-362	731	-234
8	647	-261	612	-809	688	-270	809	-345	977	-565	861	-595
9	579	-183	471	-538	618	-9.7	758	-586	755	-56	853	-392
10	591	-388	729	-326	688	-9.4	875	-276	813	-234	859	-596
11	846	-486	545	-351	741	-123	781	-510	728	-466	856	-356
12	609	-239	500	-339	824	-258	588	-273	745	-428	706	-499
13	926	-451	723	-564	766	-30	537	-505	697	-364	651	-831
14	847	-355	1,090	75	815	-363	878	-705	764	-245	960	-625
15	733	-33	862	201	860	-403	1,060	-429	667	-306	747	-358
16	845	-228	889	243	648	-66	1,140	-154	514	-42	431	-657
17	967	-406	729	13	579	-227	1,070	144	838	-742	1,100	-783
18	678	1.5	794	59	799	-361	973	-232	867	-627	745	-23
19	752	-67	736	-68	576	-132	1,020	26	566	-515	907	-94
20	633	-237	628	-219	758	-473	967	-334	824	-601	942	46
21	461	-338	775	-444	694	-345	659	-308	698	-344	917	-216
22	788	-450	742	-430	590	-233	843	96	761	-660	823	-283
23	1,130	-466	748	-361	744	-260	893	-284	556	-595	944	-249
24	1,030	-548	769	-191	707	-633	817	-507	1,160	-538	767	-420
25	584	-364	975	-447	518	-436	863	-529	679	-251	989	-399
26	882	-564	799	-326	971	-352	574	-190	645	-152	932	-395
27	767	-485	1,100	157	856	13	630	-525	633	-588	927	75
28	620	-492	1,150	295	1,060	49	891	-566	1,800	-780	1,040	-184
29	696	-228	1,060	-85	811	23	859	-386	---	---	964	-210
30	673	-316	1,090	426	838	46	847	-420	---	---	1,020	-208
31	673	-357	---	---	755	254	674	-367	---	---	1,140	250
MONTH	1,130	-564	1,150	-907	1,330	-633	1,140	-705	1,800	-780	1,240	-831

02092554 TRENT RIVER AT POLLOCKSVILLE, NC—Continued

DISCHARGE, CUBIC FEET PER SECOND—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	810	-483	884	-855	907	-632	1,370	247	846	-428	429	-651
2	1,350	-268	671	-571	1,120	-935	1,360	733	707	-130	431	-401
3	1,150	-67	742	-622	662	-437	1,780	569	608	-99	481	-693
4	1,120	-45	565	-559	660	-487	1,880	1,130	738	-339	673	-636
5	1,340	-135	---	---	849	-505	1,710	1,140	677	-244	677	-858
6	1,190	469	1,910	-1,610	821	-472	1,680	1,060	545	-156	712	-749
7	916	346	2,230	804	750	-195	1,500	560	451	-330	988	-838
8	1,180	131	1,250	722	678	-326	1,420	340	638	-453	908	-502
9	1,230	-580	1,330	318	584	-22	1,040	108	597	-392	563	-659
10	1,770	-109	1,340	436	934	1.4	865	-320	708	-493	665	-1,100
11	1,190	-776	1,190	629	1,140	212	572	-277	650	-319	917	-837
12	1,360	-695	1,150	-475	816	218	640	-384	513	-391	909	-546
13	1,310	-903	1,450	-526	630	153	1,270	-1,300	531	-423	792	-485
14	1,110	-165	1,330	429	709	-119	737	-628	611	-428	-74	-1,460
15	1,550	-976	787	46	807	-179	823	-419	489	-523	2,080	-2,060
16	1,760	435	701	-497	464	-324	797	-457	774	-622	1,990	472
17	1,590	644	881	-346	763	-760	763	-256	566	-797	929	63
18	1,300	579	775	160	626	-612	683	-399	441	-522	976	-47
19	972	506	748	-255	463	-598	592	-448	668	-434	784	-332
20	849	351	655	-187	590	-459	706	-467	758	-506	970	61
21	889	-33	786	-702	691	-218	712	-574	687	-453	850	-292
22	800	-66	884	-233	609	-346	686	-473	565	-546	699	-292
23	891	-383	722	-238	452	-703	821	-896	532	-517	806	-231
24	908	-544	1,170	-869	731	-581	613	-641	834	-531	573	-447
25	617	-459	1,060	-889	354	-504	785	-297	768	-491	762	-776
26	615	-462	831	-481	972	-466	618	-419	712	-497	535	12
27	724	-613	981	-591	532	-350	565	-440	603	-536	687	-686
28	660	-451	714	-400	651	-417	411	-631	519	-529	578	-488
29	628	-477	886	-486	789	-507	1,080	-734	724	-428	553	-282
30	717	-385	542	-497	1,100	-98	769	-703	474	-319	757	-943
31	---	---	880	-554	---	---	806	-427	416	-395	---	---
MONTH	1,770	-976	---	---	1,140	-935	1,880	-1,300	846	-797	2,080	-2,060



0209262905 NEUSE RIVER AT CHANNEL LIGHT 11, NC

LOCATION.--Lat. 34°59'57", long. 76°56'35", Craven County, Hydrologic Unit 03020204, at U.S. Coast Guard Channel Light 11.

PERIOD OF RECORD.--Water years 1989 to 1993, 1996 to current year.

PERIOD OF DAILY RECORD.--
SALINITY (TOP AND BOTTOM): May to December 1989, January 1991 to July 1993, June 1996 to current year.
pH (TOP AND BOTTOM): June 1996 to current year.
WATER TEMPERATURE (TOP): May to December 1989, January 1991 to July 1993, June 1996 to current year.
WATER TEMPERATURE (BOTTOM): June 1996 to current year.
DISSOLVED OXYGEN (TOP AND BOTTOM): May to December 1989, January 1991 to July 1993, June 1996 to current year.
DISSOLVED OXYGEN (MID): May to December 1989, January 1991 to July 1993.
DISSOLVED OXYGEN, PERCENT SATURATION, (TOP AND BOTTOM): May to December 1989, January 1991 to July 1993, June 1996 to current year.
DISSOLVED OXYGEN, PERCENT SATURATION, (MID): May to December 1989, January 1991 to July 1993.

INSTRUMENTATION.-- Water-quality monitor from May to December 1989, January 1991 to July 1993. Constituents monitored were: specific conductance, top and bottom, water temperature top, dissolved oxygen, top, mid-depth and bottom. Water-quality monitor with satellite telemetry from June 1996 to current year. Constituents monitored were the same as previous water years except, mid-depth dissolved oxygen was not measured, water temperature, bottom, was added as well as pH top and bottom.

REMARKS.--Station operated in cooperation with the North Carolina Department of Environment and Natural Resources. The monitor was removed on August 29, 1999 to prevent possible destruction of the equipment during Hurricanes Dennis and Floyd. It was reinstalled October 6, 1999. The monitor was removed on September 15, 2003 to prevent possible destruction of the equipment during Hurricane Isabel. It was relocated approximately 150 feet west-southwest of old site on September 19, 2003. The monitor was removed on September 11, 2005 to prevent possible destruction during Hurricane Ophelia. It was reinstalled on September 19, 2005. Prior to June 1996, top constituents were monitored at 10 feet above streambed, mid constituents at 6 feet above streambed, and bottom constituents 2 feet above streambed. Beginning in June 1996 top constituents were monitored at 8 feet above streambed, and bottom constituents 2 feet above streambed. Salinity and dissolved oxygen, percent saturation are computed. The salinity is computed from specific conductance using the conversion from U.S. Geological Survey Water-Supply Paper 2311. The dissolved oxygen percent saturation is computed using a barometric pressure of 760 mm of Hg beginning October 1, 2000.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY (TOP), ppt	23.5, July 31, 2002	<0.1, on many days during the period
SALINITY (BOTOM), ppt	24.6, July 31, 2002	<0.1, on many days during the period
pH (TOP), standard units	9.9, March 17, 1999	5.7, February 16, 1998
pH (BOTTOM), standard units	9.6, April 3, 2004	4.3, August 21, 2003
WATER TEMPERATURE (TOP), ^{o} C	33.5 August 20, 2005	0.6, January 25, 2003
WATER TEMPERATURE (BOTTOM), ^{o} C	30.7, August 2, 2002, July 28, 29, 2005	1.2, January 24, 2003
DISSOLVED OXYGEN (TOP), mg/L	20.0, February 18, 1992	<1.0, on many days during the period
DISSOLVED OXYGEN (BOTTOM), mg/L	21.2, February 20, 1991	<1.0, on many days during the period

EXTREMES FOR CURRENT YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY (TOP), ppt	12.5, January 7	0.05, April 2, 3
SALINITY (BOTTOM), ppt	13.7, August 17, 18, 22, 23, 24	0.05, April 2
pH (TOP), standard units	9.2, May 11, 12	6.7, June 5, 6, 7, 8
pH (BOTTOM), standard units	8.9, May 13	6.5, October 29, November 1, 2, 3
WATER TEMPERATURE (TOP), ^{o}C	33.5, August 20	2.1, January 29
WATER TEMPERATURE (BOTTOM), ^{o}C	30.7, July 28, 29	2.8, January 29
DISSOLVED OXYGEN (TOP), mg/L	18.6, January 3	0.0, June 8
DISSOLVED OXYGEN (BOTTOM), mg/L	13.3, February 6, 7, 10	0.0, on many days during the year
DISSOLVED OXYGEN, PERCENT SATURATION (TOP),%	196, July 26	0, June 8
DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM),%	124, October 29	0, on many days during the year

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, TOP
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	2.3	1.7	2.0	8.2	7.1	7.6	6.2	4.2	5.4	9.0	6.0	7.5
2	1.9	1.5	1.7	7.5	6.9	7.2	6.0	4.6	5.1	9.5	6.0	8.8
3	1.8	1.3	1.5	7.7	7.2	7.5	5.2	3.8	4.4	8.3	4.5	6.6
4	1.8	1.2	1.6	7.7	6.8	7.5	4.3	2.9	3.6	9.9	6.8	8.6
5	2.0	1.2	1.5	8.1	6.7	7.5	3.9	1.8	2.6	10.5	7.2	10
6	2.1	1.9	2.0	7.5	6.5	7.0	6.3	1.8	3.8	11.7	10.2	10.6
7	2.3	1.7	2.0	8.3	7.1	7.7	7.3	4.2	5.9	12.5	9.6	10.9
8	2.4	1.9	2.1	8.8	7.9	8.3	7.3	4.0	6.4	10.4	7.7	9.4
9	2.3	1.5	2.0	8.8	8.0	8.3	7.1	4.2	5.9	9.3	7.2	8.4
10	2.0	1.5	1.7	8.2	7.6	7.9	8.5	5.4	7.3	9.3	7.8	8.7
11	2.3	1.7	1.9	7.7	6.7	7.2	7.2	4.2	5.9	10.7	5.7	9.1
12	2.5	1.4	2.0	7.7	5.7	6.9	9.0	6.0	7.7	10.8	7.2	8.8
13	3.8	1.6	2.4	7.7	6.3	7.3	8.8	7.8	8.3	9.6	8.3	9.0
14	3.1	1.7	2.1	7.6	7.2	7.4	8.3	6.6	7.3	9.9	7.3	8.8
15	4.7	2.3	3.0	7.6	6.1	7.1	7.4	7.1	7.2	9.3	8.3	8.8
16	7.3	2.3	5.0	6.7	4.5	5.9	7.4	6.7	7.1	9.7	7.3	9.0
17	6.2	2.9	5.3	8.1	4.1	5.3	8.1	5.3	6.7	9.3	7.1	8.3
18	6.5	3.1	4.7	9.2	3.8	7.4	6.7	4.6	5.5	8.3	6.6	7.5
19	6.0	3.6	4.8	9.2	7.5	8.7	8.8	4.9	6.6	10.4	5.4	8.4
20	5.7	4.3	4.9	9.2	7.0	8.6	8.1	6.6	7.4	10.7	5.0	7.1
21	6.0	4.0	4.8	8.9	5.8	7.8	7.9	7.3	7.5	5.6	2.6	4.3
22	7.8	5.3	6.4	8.9	5.5	6.6	7.9	7.3	7.6	9.5	2.5	5.4
23	8.3	5.6	6.9	7.5	5.5	6.2	7.5	6.3	6.9	7.5	6.3	6.9
24	7.2	5.3	6.1	6.8	6.0	6.4	7.9	6.5	7.3	7.2	6.4	6.8
25	6.8	5.5	6.0	8.6	6.0	7.3	8.3	7.3	7.8	7.5	6.7	7.2
26	7.0	6.3	6.8	8.6	4.9	6.2	8.3	7.2	8.0	7.3	5.6	6.5
27	6.6	5.7	6.1	6.4	4.9	6.0	7.5	5.7	7.0	6.2	3.2	5.0
28	6.6	5.9	6.2	6.2	4.4	5.6	7.2	5.4	6.1	6.7	3.3	5.2
29	6.7	6.0	6.3	5.7	5.1	5.3	7.7	6.1	7.0	6.9	4.4	5.9
30	7.1	6.1	6.6	5.6	5.1	5.3	7.9	5.9	6.8	5.5	3.3	4.5
31	8.0	7.0	7.4	---	---	---	7.9	4.8	6.5	5.0	4.5	4.8
MONTH	8.3	1.2	4.0	9.2	3.8	7.0	9.0	1.8	6.4	12.5	2.5	7.6
		FEBRUARY			MARCH			APRIL			MAY	
1	5.7	4.3	4.8	6.6	4.8	5.6	1.2	0.3	0.5	7.3	5.5	6.5
2	5.9	4.5	5.2	6.8	5.7	6.4	0.6	0.05	0.2	6.8	5.7	6.3
3	6.2	2.1	4.3	6.4	5.0	5.7	1.5	0.05	0.4	6.4	5.3	5.9
4	6.7	5.3	6.0	5.5	3.0	4.7	1.5	0.6	1.1	6.7	5.6	6.0
5	6.7	4.5	5.8	5.4	4.2	5.0	1.1	0.8	1.0	8.0	6.0	7.1
6	6.0	4.5	5.3	5.1	3.4	4.2	0.9	0.3	0.5	8.0	5.5	7.3
7	5.9	4.6	5.4	6.8	3.9	4.9	0.4	0.08	0.2	6.2	4.5	5.5
8	5.9	3.7	4.7	8.5	2.3	5.3	0.1	0.06	0.08	6.1	3.4	4.7
9	6.5	3.8	5.0	7.0	4.3	5.6	0.4	0.07	0.2	6.7	3.3	4.4
10	6.5	4.5	5.6	5.3	3.8	4.5	1.1	0.2	0.5	5.8	3.6	4.7
11	7.5	5.7	6.5	6.5	4.3	5.0	1.7	0.1	0.7	5.4	4.0	4.7
12	7.1	5.7	6.8	6.7	5.5	5.9	1.5	0.4	1.1	5.0	1.8	3.5
13	7.1	5.9	6.7	6.3	4.4	5.7	1.9	0.8	1.4	4.1	1.4	3.2
14	6.7	4.6	5.5	5.8	3.9	4.9	1.9	1.5	1.7	3.4	1.3	2.1
15	5.8	4.0	4.7	4.8	3.3	4.3	2.9	1.4	2.1	4.0	1.9	2.7
16	6.0	4.1	5.1	4.9	2.8	4.3	3.6	2.0	2.5	3.4	2.2	2.4
17	4.9	4.3	4.6	5.6	4.2	4.8	2.1	0.3	0.8	4.0	2.3	3.0
18	7.3	4.2	5.4	5.3	3.6	4.8	1.7	0.2	0.8	4.1	2.4	3.1
19	7.3	6.2	6.6	4.3	2.7	3.7	2.3	0.4	1.3	2.9	1.8	2.3
20	6.8	6.3	6.4	5.4	1.8	3.1	3.9	0.3	1.0	1.9	0.9	1.4
21	7.2	6.4	6.7	5.5	1.6	3.0	8.6	1.1	4.0	2.8	1.7	2.5
22	7.3	6.3	6.8	4.4	1.9	2.6	10	1.1	5.3	3.3	1.4	2.1
23	7.2	6.2	6.6	2.3	1.2	1.7	7.5	1.1	2.8	3.2	1.8	2.6
24	7.5	5.9	6.7	2.3	1.6	1.9	5.4	2.0	3.8	3.5	2.3	2.7
25	6.9	6.1	6.5	3.4	2.1	2.5	6.7	5.3	6.5	3.3	2.7	3.0
26	7.0	5.6	6.4	2.7	1.9	2.2	6.9	6.3	6.6	3.9	2.5	3.1
27	7.3	5.1	6.4	2.4	0.7	1.4	6.6	3.4	5.3	3.9	3.0	3.5
28	7.0	4.8	6.0	1.0	0.06	0.6	6.7	4.4	5.6	4.2	3.4	3.7
29	---	---	---	1.3	0.06	0.7	8.9	5.2	6.5	4.2	2.4	3.3
30	---	---	---	1.0	0.8	0.9	6.8	5.4	6.3	5.1	2.9	3.6
31	---	---	---	1.4	0.5	1.0	---	---	---	4.3	3.1	3.4
MONTH	7.5	2.1	5.8	8.5	0.06	3.8	10.0	0.05	2.4	8.0	0.9	3.9

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, TOP—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	4.7	3.7	4.3	6.7	5.5	6.1	7.1	4.4	5.9	8.8	8.0	8.3
2	5.7	3.2	4.6	6.4	5.2	5.7	7.3	4.8	6.8	8.2	6.5	7.8
3	5.0	3.0	3.7	7.4	5.7	6.5	6.5	2.2	3.3	8.1	6.4	7.3
4	5.4	4.6	5.0	6.8	5.7	6.4	6.0	2.0	2.9	8.9	7.6	8.3
5	5.4	3.2	4.7	6.7	4.3	5.5	6.2	2.6	3.4	9.4	8.6	9.0
6	5.5	3.4	5.0	6.4	3.1	4.5	3.9	3.0	3.3	9.3	8.5	8.9
7	6.1	3.3	4.8	7.0	2.9	5.2	4.1	3.2	3.6	9.0	8.3	8.7
8	8.3	3.7	5.6	7.1	5.9	6.4	4.5	3.5	4.0	9.0	8.0	8.5
9	6.8	3.1	4.5	6.9	3.8	5.5	5.2	3.4	4.4	8.5	8.1	8.3
10	4.5	3.2	3.8	6.0	3.8	4.7	4.7	2.6	3.9	9.3	8.3	8.8
11	4.1	2.9	3.4	5.9	4.2	4.8	5.4	2.5	3.7	---	---	---
12	4.5	3.0	3.6	7.6	4.0	5.4	6.2	3.7	4.3	---	---	---
13	4.6	2.5	3.4	9.7	5.6	8.2	5.5	3.2	3.8	---	---	---
14	4.7	3.1	4.2	8.8	6.5	7.3	3.9	2.9	3.3	---	---	---
15	5.8	3.4	4.6	7.3	6.1	6.6	3.9	3.1	3.4	---	---	---
16	5.0	2.6	3.8	7.3	4.5	6.3	8.0	1.9	3.9	---	---	---
17	4.0	2.7	3.4	7.3	4.3	5.7	5.0	3.8	4.2	---	---	---
18	6.0	3.3	4.2	7.4	3.0	4.7	5.6	4.0	4.6	---	---	---
19	7.0	5.7	6.4	8.7	3.8	5.7	6.5	5.5	6.0	---	---	---
20	7.0	5.7	6.4	8.5	5.5	7.0	6.7	5.3	6.2	7.7	5.4	6.5
21	7.0	4.9	5.7	10	6.5	8.0	6.2	5.3	5.7	7.8	7.1	7.5
22	7.0	4.9	5.8	9.2	6.2	8.0	6.5	5.4	6.0	8.6	6.5	7.8
23	7.3	6.3	6.8	8.8	6.6	7.5	7.2	6.1	6.7	7.5	6.0	6.7
24	7.4	6.4	6.9	8.1	5.2	7.2	7.4	6.0	6.9	8.0	5.4	6.5
25	8.0	7.0	7.5	7.8	4.5	6.2	7.8	7.3	7.5	8.6	7.9	8.1
26	7.9	6.4	6.9	6.9	3.9	5.9	8.1	7.4	7.7	7.9	6.5	7.1
27	6.9	6.2	6.5	6.3	3.8	5.2	8.3	7.8	8.1	8.6	7.2	7.9
28	7.0	6.3	6.5	7.5	5.2	6.1	8.4	7.8	8.2	8.6	8.1	8.5
29	6.7	6.0	6.3	7.8	5.7	6.9	8.4	7.5	8.1	8.6	6.4	7.4
30	6.5	6.0	6.3	6.8	5.5	6.1	8.0	7.3	7.6	8.8	6.9	8.3
31	---	---	---	6.6	4.7	5.7	8.2	7.6	7.9	---	---	---
MONTH	8.3	2.5	5.2	10.0	2.9	6.2	8.4	1.9	5.3	---	---	---

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND BOTTOM
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	2.5	1.9	2.2	9.1	7.5	8.7	9.2	5.5	7.5	9.5	9.3	9.4
2	2.4	1.8	2.1	8.8	7.9	8.5	6.7	5.2	6.2	9.8	9.5	9.6
3	2.1	1.7	1.9	9.0	7.6	8.5	7.1	4.8	6.2	9.8	9.4	9.5
4	3.1	1.7	2.1	7.8	7.3	7.7	7.8	5.9	6.7	10.2	9.5	9.9
5	3.5	1.6	2.2	8.5	7.3	8.1	8.4	6.2	7.7	12.0	10.2	11.2
6	3.1	2.0	2.3	9.5	7.5	8.4	8.9	8.1	8.5	12.4	12.0	12.3
7	3.5	1.9	2.3	9.7	8.3	9.3	9.0	6.7	8.5	12.5	10.5	12.3
8	2.6	2.0	2.3	9.5	8.3	8.8	9.1	6.7	8.3	12.3	11.2	12.1
9	2.6	2.3	2.4	8.8	8.1	8.4	9.5	9.0	9.3	12.1	9.0	10.8
10	2.4	1.7	2.1	8.3	8.0	8.1	9.3	8.1	8.6	11.9	10.4	11.6
11	2.7	1.7	2.0	8.1	7.4	7.9	10.7	8.7	9.8	11.9	11.4	11.7
12	5.8	2.3	3.7	8.2	7.8	8.1	10.7	9.2	9.8	11.7	11.4	11.5
13	5.8	3.1	4.9	8.1	7.0	7.5	11.3	8.7	10.1	11.7	10	11.1
14	5.3	3.6	4.9	8.0	7.3	7.6	9.2	7.2	8.0	10.4	7.3	8.9
15	9.1	5.2	7.0	8.1	7.1	7.7	8.5	7.1	7.4	9.5	8.5	8.9
16	10	8.5	9.6	9.8	7.7	8.7	9.2	7.1	7.9	9.8	8.5	9.1
17	11.0	8.0	10.4	9.7	9.5	9.6	9.7	8.8	9.5	10.1	7.2	9.1
18	10.9	7.8	9.6	9.6	9.3	9.5	9.9	9.0	9.5	11.1	6.6	8.9
19	9.3	6.9	8.6	9.5	9.3	9.4	10.6	9.9	10.2	11.3	8.5	10.4
20	10.5	7.2	9.2	9.8	9.3	9.5	10.6	7.0	7.7	11.6	11.1	11.3
21	12.8	10.5	12.0	10.2	9.1	9.8	9.8	7.5	8.2	11.3	10.2	11.1
22	12.8	6.7	10	10.2	9.8	10.0	10.1	7.5	9.0	11.1	9.7	10.9
23	12.7	6.0	9.3	10.2	9.3	9.8	9.8	6.5	7.7	10.2	6.3	7.5
24	12.6	6.5	10.9	9.8	9.2	9.5	8.5	6.8	7.6	8.6	6.5	7.4
25	11.7	6.0	9.1	9.3	7.3	8.4	8.2	7.3	7.8	8.9	7.6	8.5
26	9.3	6.4	7.5	8.8	5.8	7.0	8.3	7.2	8.0	8.6	7.5	8.1
27	10.0	7.6	9.4	8.4	6.0	6.7	8.3	7.2	7.7	8.6	5.6	6.7
28	9.8	7.1	9.2	9.2	6.0	8.4	9.3	6.2	8.4	7.1	4.5	6.3
29	9.4	7.1	8.2	8.7	5.6	6.5	9.3	9.0	9.1	7.6	6.2	7.1
30	9.2	7.2	8.4	9.7	6.7	8.7	9.3	9.2	9.3	8.1	4.4	6.8
31	9.1	8.3	8.7	---	---	---	9.3	9.2	9.3	6.1	4.6	5.0
MONTH	12.8	1.6	6.3	10.2	5.6	8.5	11.3	4.8	8.4	12.5	4.4	9.5
		FEBRUARY			MARCH			APRIL			MAY	
1	6.6	4.9	5.7	7.0	5.3	5.9	1.5	0.7	1.1	10	5.7	7.7
2	7.5	5.4	6.3	6.7	6.1	6.5	0.8	0.05	0.2	10.5	7.6	9.4
3	7.4	5.5	6.4	6.7	5.5	6.2	2.0	0.06	0.4	9.8	6.0	8.3
4	6.7	6.0	6.2	6.4	5.3	6.0	1.9	1.2	1.5	7.3	6.3	6.7
5	6.8	6.0	6.6	8.6	4.9	6.9	1.6	0.9	1.2	8.0	6.3	7.2
6	6.7	5.3	6.1	10.1	4.5	8.3	1.0	0.6	0.8	8.1	5.6	7.4
7	7.0	5.4	6.1	10.2	7.0	9.6	2.4	0.08	0.7	8.8	5.4	6.2
8	7.0	5.9	6.5	9.7	2.3	6.3	1.1	0.06	0.3	9.2	6.6	8.8
9	6.9	6.5	6.8	9.2	6.7	7.3	1.6	0.09	0.3	8.8	7.3	8.4
10	7.6	5.6	6.5	7.1	4.5	6.1	6.6	0.4	1.9	8.1	5.9	7.4
11	8.0	5.8	6.8	7.3	5.4	6.8	6.5	4.5	5.6	6.7	4.9	5.9
12	11.5	6.7	9.5	6.7	5.5	5.9	5.3	1.2	2.2	7.0	4.6	6.1
13	11.9	7.1	10.6	6.5	5.5	6.3	1.9	1.1	1.5	6.5	2.6	4.1
14	11.2	7.5	9.7	5.8	4.7	5.1	1.9	1.5	1.7	5.9	3.2	4.7
15	11.1	8.0	9.8	5.3	4.4	5.0	2.9	1.4	2.1	5.7	4.5	5.1
16	12.2	10.4	11.5	5.8	4.5	5.2	3.6	2.0	2.6	6.1	4.3	5.4
17	12.0	11.7	12.0	5.6	4.3	5.0	3.2	0.6	1.9	5.5	2.6	3.6
18	12.2	6.1	10.7	5.8	4.8	5.1	4.1	2.9	3.6	4.2	2.9	3.7
19	11.6	6.8	9.3	6.0	3.6	5.3	3.9	2.0	3.3	3.7	2.6	3.0
20	10.9	6.7	9.4	6.2	5.1	5.8	6.4	3.8	5.0	3.5	1.2	2.5
21	11.1	6.7	9.5	6.2	5.1	6.0	9.8	6.4	8.3	3.2	1.9	2.5
22	10.5	6.7	8.0	6.1	2.3	4.4	10.2	7.4	9.5	4.5	2.5	3.5
23	9.2	6.3	7.2	5.2	1.6	3.6	9.5	4.2	6.7	4.9	3.9	4.7
24	7.7	6.0	6.9	4.2	1.8	3.4	8.7	5.5	7.4	4.9	2.7	4.0
25	7.8	6.1	6.8	3.5	2.3	2.9	9.0	6.3	7.1	4.4	2.7	3.3
26	9.0	6.7	7.8	3.4	2.2	2.6	7.1	6.5	6.8	4.8	2.8	3.9
27	8.8	6.2	7.6	2.6	1.4	2.0	10.7	6.1	7.8	5.6	3.4	4.6
28	7.1	5.3	6.3	1.8	0.06	0.9	12.2	6.4	10.7	5.9	4.7	5.6
29	---	---	---	1.8	0.06	0.8	12.0	10.2	11.5	6.5	4.5	5.9
30	---	---	---	1.6	0.9	1.2	11.5	5.5	8.4	7.6	6.4	7.1
31	---	---	---	1.4	0.9	1.2	---	---	---	7.6	3.7	6.2
MONTH	12.2	4.9	8.0	10.2	0.06	5.0	12.2	0.05	4.1	10.5	1.2	5.6

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUEDBOTTOM
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	4.9	4.3	4.5	8.8	7.8	8.4	8.1	7.4	7.7	9.0	8.4	8.6
2	5.9	4.1	5.2	10.3	8.8	9.8	7.6	7.1	7.3	9.7	8.4	8.7
3	5.8	4.8	5.5	10.2	6.7	8.2	8.6	7.2	7.7	10.6	9.0	10.2
4	5.9	5.7	5.8	7.6	6.4	6.9	8.9	8.6	8.7	9.8	8.4	9.0
5	6.0	5.6	5.8	7.9	6.8	7.6	8.6	7.7	8.2	9.3	8.5	9.0
6	6.1	5.2	5.9	8.2	7.6	8.0	8.8	7.8	8.3	9.4	8.7	8.9
7	7.6	5.4	7.1	8.8	8.2	8.5	8.9	5.5	7.6	9.3	8.4	8.8
8	10	7.5	9.1	8.3	6.2	7.1	6.1	5.4	5.8	9.2	8.6	8.8
9	10.2	7.3	8.7	8.6	7.4	8.1	7.3	5.6	6.3	8.9	8.2	8.5
10	8.5	4.7	6.4	9.0	8.3	8.8	8.6	7.0	8.1	9.3	8.3	8.8
11	7.5	4.1	5.3	9.0	8.2	8.8	9.0	8.5	8.8	---	---	---
12	5.5	4.6	5.0	10.0	9.0	9.4	10.2	8.8	9.7	---	---	---
13	8.2	4.7	5.8	10.5	7.8	9.5	10.6	9.3	10.1	---	---	---
14	10.9	8.2	10.0	9.5	8.3	9.3	10.8	9.8	10.5	---	---	---
15	12.2	10.7	11.5	9.1	7.8	8.5	12.4	10.7	11.5	---	---	---
16	12.8	11.5	12.4	8.8	8.0	8.4	13.0	12.4	12.7	---	---	---
17	13.1	12.7	12.9	9.0	8.3	8.7	13.7	12.6	13.2	---	---	---
18	12.8	11.5	12.5	9.3	8.8	9.1	13.7	12.8	13.5	---	---	---
19	12.4	6.7	8.4	11.1	9.3	10.4	13.1	10.7	12.6	---	---	---
20	7.6	6.0	7.1	12.4	10.7	11.5	13.0	10.7	12.6	10.2	8.3	9.5
21	9.8	6.5	7.6	12.8	11.1	12.3	13.3	12.0	13.0	10	7.5	8.7
22	10.4	9.1	9.9	12.8	11.2	12.4	13.7	13.1	13.6	9.0	8.0	8.5
23	9.7	7.0	8.4	12.6	9.2	12.1	13.7	13.5	13.7	9.9	8.4	9.0
24	7.8	7.0	7.4	12.4	8.1	9.6	13.7	13.6	13.7	10.9	8.2	9.9
25	7.9	7.1	7.6	11.9	8.0	10.0	13.6	7.6	9.1	9.7	8.0	8.3
26	8.0	7.2	7.7	11.5	9.2	10.4	8.3	7.7	7.9	8.8	8.0	8.5
27	8.3	7.6	8.0	11.2	9.6	10.5	8.5	8.0	8.3	8.8	7.6	8.3
28	8.1	7.6	7.9	10.6	6.9	9.3	8.6	8.2	8.5	8.9	8.4	8.6
29	7.7	6.4	7.1	8.0	6.5	7.4	8.8	8.3	8.6	9.0	8.2	8.7
30	7.8	6.7	7.3	7.9	7.1	7.5	9.2	8.6	8.9	8.9	8.0	8.6
31	---	---	---	7.9	7.5	7.7	9.7	8.1	8.8	---	---	---
MONTH	13.1	4.1	7.8	12.8	6.2	9.2	13.7	5.4	9.8	---	---	---

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS,TOP
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.1	7.7	7.9	8.8	7.3	8.0	8.4	7.6	8.0	8.7	7.6	8.3
2	8.3	7.7	7.8	8.4	7.4	8.1	8.4	7.7	8.1	8.8	7.3	7.6
3	8.6	7.7	7.9	7.9	7.1	7.4	8.3	7.8	8.1	9.0	7.9	8.6
4	8.4	7.6	7.9	7.9	7.3	7.6	8.4	7.9	8.1	8.6	7.0	7.7
5	8.6	8.1	8.3	7.9	7.3	7.5	8.2	7.8	8.0	8.2	7.0	7.2
6	8.6	7.8	8.1	8.2	7.7	7.8	8.2	6.9	7.6	7.3	7.2	7.2
7	8.5	8.0	8.2	7.9	7.6	7.8	8.3	7.1	7.8	7.6	7.3	7.4
8	8.5	7.9	8.2	7.8	7.4	7.6	8.9	7.1	7.7	7.8	7.5	7.6
9	8.8	7.9	8.4	7.8	7.5	7.7	8.5	7.2	7.7	7.8	7.6	7.7
10	8.8	8.5	8.6	7.9	7.7	7.8	7.4	7.0	7.2	7.8	7.5	7.7
11	8.5	8.1	8.3	8.0	7.8	7.9	7.9	7.2	7.6	8.1	7.6	7.9
12	8.7	8.0	8.2	8.1	7.8	7.9	8.0	7.5	7.7	8.3	7.5	7.9
13	8.5	7.3	8.0	8.0	7.6	7.7	8.5	7.6	8.0	7.8	7.2	7.6
14	8.1	7.5	7.8	7.8	7.6	7.7	8.4	7.9	8.1	7.7	7.4	7.6
15	7.8	7.1	7.4	8.0	7.7	7.9	8.1	7.8	8.0	7.7	7.6	7.6
16	8.1	7.2	7.5	8.2	7.9	8.1	8.7	7.9	8.1	7.7	7.6	7.6
17	8.2	7.4	7.7	8.2	7.5	8.0	8.8	7.9	8.4	7.8	7.6	7.7
18	8.6	7.5	8.0	8.3	7.3	7.6	8.9	8.6	8.8	7.8	7.7	7.7
19	8.4	7.2	7.9	8.1	7.4	7.6	8.9	7.8	8.4	7.8	7.6	7.8
20	8.4	7.3	7.9	8.1	7.3	7.7	8.2	7.5	7.8	8.2	7.6	7.8
21	8.1	7.5	7.8	8.3	7.3	7.7	8.2	7.6	7.9	7.9	7.6	7.8
22	7.8	7.4	7.6	8.7	7.3	8.1	8.4	7.8	8.1	7.8	7.5	7.7
23	7.9	7.5	7.7	8.6	8.1	8.5	8.3	7.9	8.1	7.6	7.4	7.5
24	7.8	7.5	7.6	8.6	8.2	8.4	8.0	7.8	7.9	7.6	7.5	7.5
25	8.1	7.7	7.9	8.4	7.2	7.7	8.1	7.9	8.0	7.8	7.6	7.6
26	8.2	7.7	7.9	8.2	7.5	7.8	8.0	7.8	7.9	7.7	7.6	7.7
27	8.4	8.0	8.1	8.5	7.9	8.1	8.1	7.8	7.9	7.7	7.5	7.6
28	8.4	8.2	8.2	8.3	7.8	8.1	8.0	7.8	7.9	7.7	7.5	7.6
29	8.5	8.1	8.3	8.1	7.9	8.0	8.2	7.8	8.0	8.0	7.6	7.7
30	8.8	8.0	8.4	8.6	8.0	8.2	8.4	8.0	8.2	7.7	7.5	7.6
31	8.5	7.4	7.9	---	---	---	8.6	8.2	8.4	7.6	7.5	7.6
MONTH	8.8	7.1	8.0	8.8	7.1	7.9	8.9	6.9	8.0	9.0	7.0	7.7
		FEBRUARY			MARCH			APRIL			MAY	
1	7.8	7.5	7.6	8.2	7.8	8.0	7.9	7.4	7.6	8.2	7.6	7.7
2	8.0	7.5	7.7	8.1	7.9	8.0	7.7	7.1	7.3	8.5	7.6	8.0
3	8.1	7.8	7.9	8.2	7.8	8.0	7.5	7.1	7.4	8.4	7.7	8.1
4	8.1	7.9	8.0	8.6	8.0	8.2	7.8	7.3	7.5	8.3	7.9	8.1
5	8.1	7.8	8.0	8.4	7.9	8.2	8.2	7.5	7.8	8.1	7.5	7.7
6	8.3	7.9	8.1	8.5	8.2	8.3	8.3	7.5	7.8	7.5	7.4	7.4
7	8.4	8.2	8.2	8.6	7.9	8.5	7.7	7.2	7.4	7.8	7.4	7.5
8	8.6	8.1	8.4	8.4	7.2	7.7	7.3	7.1	7.2	8.3	7.4	7.8
9	8.5	8.2	8.4	8.4	7.5	7.8	7.4	7.1	7.3	8.7	7.9	8.3
10	8.3	7.8	8.1	8.5	7.9	8.2	7.8	7.3	7.4	8.8	8.3	8.6
11	8.0	7.8	7.8	8.7	7.3	8.2	8.3	7.3	7.6	9.2	8.5	8.8
12	8.0	7.7	7.9	8.3	7.4	8.0	8.1	7.6	7.9	9.2	8.6	8.9
13	8.2	7.9	8.0	8.8	8.0	8.2	7.8	7.6	7.7	8.9	8.1	8.7
14	8.3	8.0	8.1	8.5	8.1	8.3	7.8	7.6	7.7	8.6	7.9	8.3
15	8.5	8.0	8.2	8.8	8.2	8.5	7.8	7.4	7.6	8.6	7.6	8.3
16	8.5	8.2	8.3	8.6	8.3	8.5	7.8	7.5	7.7	8.8	7.3	8.2
17	8.4	8.2	8.3	8.3	7.9	8.1	7.8	7.5	7.6	8.9	7.6	8.6
18	8.2	7.8	8.1	8.0	7.6	7.8	7.8	7.2	7.5	8.9	8.3	8.7
19	8.3	7.9	8.1	8.0	7.8	7.9	8.2	7.2	7.6	8.9	8.6	8.7
20	8.5	8.3	8.4	8.2	7.7	7.9	7.4	7.0	7.1	8.8	7.4	8.0
21	8.4	8.2	8.3	8.2	7.7	8.0	7.3	7.0	7.1	8.7	7.7	8.2
22	8.5	8.2	8.4	8.3	7.9	8.2	7.2	7.0	7.1	8.9	7.6	8.5
23	8.5	8.4	8.5	8.0	7.4	7.6	7.3	7.1	7.2	8.8	8.5	8.6
24	8.5	8.3	8.4	8.2	7.4	7.7	7.6	7.2	7.4	8.9	8.4	8.7
25	8.4	8.1	8.3	8.4	7.8	8.1	8.0	7.4	7.7	8.6	7.7	8.1
26	8.4	8.0	8.2	8.4	7.8	8.0	8.3	7.6	7.9	8.3	7.2	7.9
27	8.4	8.1	8.3	8.2	7.4	7.8	8.3	7.7	7.9	8.3	7.3	7.9
28	8.3	7.9	8.1	7.6	7.0	7.3	8.4	7.8	8.1	8.0	7.3	7.7
29	---	---	---	8.0	7.0	7.5	8.3	7.2	7.8	8.7	7.7	8.2
30	---	---	---	8.6	7.5	7.9	8.2	7.7	7.9	8.4	6.8	7.6
31	---	---	---	8.4	7.7	8.0	---	---	---	8.1	7.4	7.8
MONTH	8.6	7.5	8.1	8.8	7.0	8.0	8.4	7.0	7.6	9.2	6.8	8.2

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS,TOP—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.4	7.2	7.3	8.2	7.2	7.7	8.3	7.4	7.7	8.4	7.7	8.0
2	7.7	7.2	7.3	8.3	7.2	7.7	8.3	7.5	8.0	8.5	7.9	8.2
3	8.0	7.1	7.3	8.1	7.4	7.7	8.7	8.0	8.3	8.4	8.1	8.3
4	7.2	6.9	7.1	8.2	7.6	7.9	8.9	7.6	8.4	8.1	7.9	8.0
5	8.0	6.7	7.0	8.3	7.7	7.9	9.0	7.7	8.5	8.0	7.8	7.9
6	8.4	6.7	6.8	8.3	7.6	7.9	8.5	7.5	8.1	8.0	7.8	7.9
7	8.2	6.7	6.8	8.5	7.6	8.1	8.4	7.1	8.0	8.0	7.8	7.9
8	7.1	6.7	6.8	8.3	7.4	7.7	8.4	7.8	8.1	8.1	7.8	7.9
9	8.7	6.8	7.6	8.8	7.8	8.2	8.5	7.5	8.0	8.0	7.8	7.9
10	8.7	8.0	8.3	8.7	7.7	8.4	8.8	8.2	8.5	8.0	7.8	7.9
11	8.5	7.9	8.3	8.8	7.7	8.4	8.8	7.4	8.3	---	---	---
12	8.7	7.8	8.2	8.4	7.0	7.6	8.7	7.2	7.9	---	---	---
13	8.6	7.4	8.2	7.5	7.0	7.2	8.7	7.5	8.3	---	---	---
14	8.5	7.2	7.7	8.2	7.1	7.5	8.8	8.3	8.5	---	---	---
15	8.3	7.3	7.7	8.5	7.4	8.0	8.7	8.1	8.4	---	---	---
16	8.5	7.4	8.0	8.4	7.2	7.9	8.7	6.9	8.1	---	---	---
17	8.4	7.7	8.0	8.2	7.1	7.7	8.1	7.5	7.8	---	---	---
18	8.1	7.5	7.9	8.1	7.0	7.6	8.2	7.6	7.9	---	---	---
19	7.9	7.5	7.7	8.4	6.8	7.4	8.3	7.8	8.1	---	---	---
20	7.8	7.6	7.7	8.1	7.0	7.5	8.6	7.7	8.1	8.7	7.8	8.4
21	8.3	7.6	7.9	8.6	7.1	7.8	8.5	8.1	8.2	8.5	8.2	8.3
22	8.4	7.7	8.0	8.4	7.1	7.6	8.6	7.7	8.2	8.6	8.2	8.4
23	8.2	7.8	8.0	8.4	7.9	8.1	8.6	8.3	8.4	8.6	8.1	8.4
24	8.1	7.7	7.9	8.4	8.0	8.2	8.6	8.1	8.3	8.7	8.1	8.4
25	8.0	7.7	7.8	8.7	8.2	8.4	8.2	7.9	8.1	8.6	8.2	8.3
26	8.1	7.6	7.8	9.0	8.0	8.4	8.4	8.0	8.2	8.5	8.1	8.3
27	8.2	7.8	7.9	8.8	7.2	8.2	8.1	8.0	8.1	8.4	7.7	8.1
28	8.1	7.6	7.9	8.4	7.1	7.9	8.2	7.8	8.0	8.3	8.1	8.2
29	7.9	7.5	7.7	8.1	7.4	7.7	8.2	7.8	8.1	8.5	8.0	8.2
30	8.5	7.4	7.8	8.0	7.5	7.7	8.4	8.0	8.1	8.2	7.8	8.0
31	---	---	---	8.0	7.5	7.7	8.1	7.8	7.9	---	---	---
MONTH	8.7	6.7	7.7	9.0	6.8	7.9	9.0	6.9	8.1	---	---	---

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, BOTTOM
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.8	7.5	7.7	7.7	6.5	6.7	8.1	7.2	7.6	7.5	7.3	7.4
2	7.7	7.4	7.6	7.2	6.5	6.7	8.0	7.4	7.7	7.3	7.2	7.2
3	7.7	7.3	7.5	7.5	6.5	6.7	8.3	7.3	7.8	7.3	7.0	7.2
4	7.8	7.2	7.5	7.4	6.9	7.2	8.2	7.3	7.8	7.1	7.0	7.0
5	8.2	7.2	7.7	7.3	7.0	7.1	8.1	7.3	7.5	7.3	7.1	7.2
6	8.1	7.3	7.7	7.4	6.8	7.1	7.5	7.2	7.3	7.3	7.1	7.2
7	8.2	6.9	7.6	7.4	6.8	6.9	7.6	7.2	7.3	7.5	7.1	7.2
8	8.3	7.1	7.7	7.6	6.8	7.2	7.6	7.2	7.3	7.2	7.0	7.1
9	8.1	7.3	7.6	7.6	7.3	7.4	7.4	7.2	7.3	7.6	6.9	7.2
10	8.5	7.6	8.0	7.7	7.5	7.6	7.5	7.2	7.4	7.2	6.9	7.0
11	8.4	7.5	8.2	7.7	7.5	7.6	7.6	7.3	7.4	7.3	7.0	7.1
12	8.0	6.9	7.4	7.5	7.4	7.4	8.0	7.3	7.7	7.2	7.0	7.1
13	7.6	7.0	7.1	7.7	7.4	7.6	8.3	7.3	7.6	7.3	7.0	7.1
14	7.3	7.0	7.1	7.9	7.6	7.7	8.4	7.6	8.1	7.6	7.1	7.5
15	7.2	7.0	7.1	7.9	7.7	7.8	8.2	7.9	8.1	7.7	7.5	7.6
16	7.4	7.2	7.3	7.9	7.4	7.7	8.0	7.8	7.9	7.7	7.5	7.6
17	7.4	7.2	7.3	7.7	7.4	7.5	7.8	7.3	7.5	7.7	7.5	7.6
18	7.4	7.2	7.2	7.4	7.3	7.3	7.6	7.2	7.4	7.7	7.5	7.6
19	7.4	7.1	7.2	7.4	7.2	7.3	7.2	7.0	7.1	7.7	7.5	7.6
20	7.3	7.2	7.2	7.4	7.2	7.2	8.1	7.0	7.8	7.5	7.5	7.5
21	7.3	7.2	7.3	7.4	7.2	7.3	8.2	7.6	7.8	7.5	7.3	7.4
22	8.2	7.3	7.6	7.3	7.2	7.2	8.4	7.4	7.7	7.3	7.2	7.3
23	8.2	7.3	7.7	7.2	7.1	7.1	8.4	7.2	7.9	7.5	7.3	7.4
24	7.9	7.3	7.4	7.2	7.0	7.1	8.1	7.3	7.9	7.8	7.5	7.6
25	8.1	7.4	7.6	8.0	6.9	7.3	8.2	8.0	8.1	7.8	7.6	7.7
26	8.1	7.4	7.8	8.0	7.4	7.6	8.2	7.9	8.1	7.7	7.4	7.5
27	7.8	7.2	7.4	8.4	7.5	8.2	8.2	7.9	8.0	7.6	7.4	7.5
28	7.8	7.4	7.4	8.2	7.5	7.7	8.0	7.6	7.8	7.7	7.4	7.5
29	8.0	6.5	7.2	8.2	7.3	7.9	7.9	7.7	7.8	7.9	7.6	7.7
30	7.6	6.6	6.9	8.2	7.3	7.5	7.7	7.6	7.6	7.7	7.4	7.6
31	7.2	6.6	6.7	---	---	---	7.6	7.5	7.5	7.7	7.5	7.6
MONTH	8.5	6.5	7.4	8.4	6.5	7.4	8.4	7.0	7.7	7.9	6.9	7.4
		FEBRUARY			MARCH			APRIL			MAY	
1	7.9	7.5	7.7	8.2	7.9	8.0	7.3	7.1	7.2	8.1	7.1	7.6
2	7.8	7.4	7.6	8.0	7.9	8.0	7.3	7.0	7.1	7.4	7.1	7.2
3	7.9	7.4	7.7	8.1	7.7	7.9	7.2	7.0	7.1	8.2	7.1	7.4
4	8.0	7.8	7.9	8.1	7.7	7.9	7.2	7.0	7.1	8.6	7.5	8.1
5	8.1	7.8	7.9	8.3	7.2	7.6	8.3	7.1	7.5	8.5	7.9	8.1
6	8.2	8.0	8.0	8.2	7.3	7.6	8.1	7.1	7.6	8.0	7.8	7.8
7	8.2	7.7	8.1	7.9	7.2	7.4	7.4	6.9	7.1	8.0	7.8	7.9
8	8.1	7.8	7.9	8.1	7.1	7.4	7.3	7.0	7.2	8.2	7.7	7.8
9	8.2	7.7	7.9	7.5	7.3	7.4	7.7	7.0	7.3	8.0	7.5	7.6
10	8.2	7.3	7.9	8.6	7.3	7.7	8.0	6.9	7.4	8.6	6.9	7.6
11	7.9	7.3	7.7	8.3	7.3	7.4	8.1	7.0	7.4	8.6	7.3	8.2
12	7.8	7.4	7.5	8.4	7.5	8.2	8.1	7.0	7.7	8.6	6.9	7.5
13	7.9	7.2	7.3	8.4	8.0	8.2	7.8	7.6	7.7	8.9	7.0	8.3
14	7.6	7.1	7.2	8.5	8.0	8.3	7.8	7.6	7.7	8.7	6.8	7.4
15	7.4	6.9	7.1	8.7	8.1	8.3	7.8	7.4	7.5	7.0	6.8	6.9
16	7.4	7.0	7.1	8.7	8.1	8.3	7.8	7.5	7.6	7.1	6.8	6.8
17	7.1	7.0	7.1	8.4	8.1	8.2	7.7	7.2	7.4	8.7	6.8	8.0
18	8.0	7.1	7.3	8.1	7.8	7.9	7.4	7.3	7.3	8.8	7.8	8.4
19	8.0	7.1	7.7	8.1	7.7	7.9	7.5	7.0	7.2	8.8	6.9	8.1
20	8.3	7.0	7.6	8.0	7.6	7.8	7.0	6.9	7.0	8.2	6.8	7.3
21	8.2	6.9	7.3	8.0	7.4	7.6	7.1	6.9	7.1	8.8	7.0	8.2
22	8.5	6.9	8.0	8.4	7.4	7.8	7.2	7.0	7.1	8.6	7.1	7.8
23	8.5	7.2	8.2	8.2	7.2	7.4	7.3	6.9	7.1	7.2	6.8	7.0
24	8.4	8.2	8.3	7.9	7.1	7.3	7.7	7.0	7.3	8.7	6.8	7.3
25	8.3	7.8	8.1	8.1	7.7	7.9	8.0	7.2	7.6	8.4	6.8	7.9
26	8.1	7.3	7.9	8.0	7.6	7.7	8.3	7.6	7.9	7.8	7.0	7.3
27	8.3	7.4	8.0	7.8	7.4	7.6	8.1	7.1	7.4	7.9	6.8	7.0
28	8.3	7.9	8.1	7.4	7.0	7.3	8.3	7.1	7.3	6.9	6.7	6.7
29	---	---	---	7.4	7.0	7.2	7.4	7.0	7.1	6.8	6.7	6.7
30	---	---	---	7.4	7.2	7.3	8.5	7.0	7.6	6.7	6.7	6.7
31	---	---	---	7.4	7.3	7.3	---	---	---	7.7	6.7	6.9
MONTH	8.5	6.9	7.7	8.7	7.0	7.7	8.5	6.9	7.4	8.9	6.7	7.5

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, BOTTOM—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.5	7.1	7.3	7.1	6.8	7.0	7.8	7.0	7.3	7.8	7.4	7.7
2	7.5	7.1	7.3	6.8	6.8	6.8	8.0	7.3	7.6	7.5	7.0	7.2
3	7.1	6.9	7.0	7.9	6.8	7.2	7.8	6.8	7.2	7.2	7.0	7.0
4	7.0	6.8	6.9	8.0	7.1	7.6	7.0	6.8	6.9	8.1	7.0	7.5
5	6.9	6.7	6.8	7.9	7.3	7.7	6.9	6.8	6.8	8.0	7.8	7.9
6	6.7	6.6	6.7	7.5	7.2	7.4	6.9	6.8	6.9	8.0	7.7	7.9
7	6.7	6.6	6.7	7.2	6.9	7.0	7.2	6.8	6.9	8.1	7.8	7.9
8	6.7	6.7	6.7	7.6	6.9	7.3	7.9	7.1	7.4	8.0	7.8	7.9
9	6.8	6.7	6.7	7.8	6.9	7.1	7.3	6.8	7.1	8.0	7.5	7.8
10	7.2	6.7	6.9	7.0	6.9	7.0	6.9	6.8	6.8	8.0	7.8	7.9
11	7.8	6.7	7.1	7.0	6.8	6.9	7.0	6.8	6.9	---	---	---
12	7.6	7.0	7.3	7.0	6.9	7.0	7.0	7.0	7.0	---	---	---
13	7.1	6.7	6.9	7.5	6.9	7.2	7.1	7.0	7.0	---	---	---
14	7.1	6.8	7.0	7.3	7.1	7.2	7.0	7.0	7.0	---	---	---
15	7.1	6.7	7.0	7.5	7.0	7.3	7.0	7.0	7.0	---	---	---
16	7.1	7.0	7.0	7.5	7.2	7.4	7.1	7.0	7.0	---	---	---
17	7.1	7.0	7.0	7.4	7.0	7.1	7.2	7.0	7.1	---	---	---
18	7.1	7.0	7.1	7.0	6.9	7.0	7.2	7.1	7.1	---	---	---
19	7.8	7.0	7.4	6.9	6.9	6.9	7.2	7.0	7.1	---	---	---
20	7.8	7.4	7.6	7.0	6.8	6.9	7.1	7.0	7.1	7.9	6.9	7.2
21	7.7	7.1	7.5	6.8	6.7	6.8	7.0	7.0	7.0	8.1	6.9	7.4
22	7.2	6.9	7.0	6.8	6.7	6.8	7.0	7.0	7.0	8.3	7.9	8.1
23	8.1	6.9	7.3	6.8	6.6	6.8	7.0	6.7	7.0	8.1	7.1	7.7
24	8.0	7.6	7.8	8.0	6.7	7.4	7.0	7.0	7.0	7.8	7.0	7.2
25	7.9	7.6	7.8	7.9	6.7	7.1	8.2	7.0	7.8	8.3	7.1	8.0
26	7.7	7.5	7.6	7.3	6.7	6.8	8.3	7.9	8.1	8.3	7.3	7.8
27	7.5	7.2	7.3	6.9	6.7	6.8	8.2	8.0	8.1	8.2	7.3	7.8
28	7.2	7.1	7.2	7.8	6.7	6.9	8.2	7.8	8.0	8.1	7.8	8.0
29	7.7	7.1	7.4	7.8	6.9	7.4	8.2	7.7	7.9	8.0	7.6	7.9
30	7.6	7.1	7.3	7.4	7.0	7.2	8.0	7.0	7.6	8.0	7.6	7.8
31	---	---	---	7.6	7.1	7.3	8.0	6.9	7.3	---	---	---
MONTH	8.1	6.6	7.2	8.0	6.6	7.1	8.3	6.7	7.2	---	---	---

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, TOP
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.7	24.2	24.5	20.5	19.1	19.6	13.7	12.5	13.0	6.0	5.6	5.8
2	25.4	24.4	24.7	20.6	19.6	20.1	12.8	12.1	12.5	6.5	6.0	6.2
3	26.0	24.5	25.0	20.2	19.6	19.8	12.5	11.9	12.2	7.6	6.1	6.5
4	25.4	24.6	24.9	20.6	19.5	19.8	12.6	11.4	12.0	7.6	6.2	6.7
5	25.6	24.6	25.0	19.7	18.6	19.2	12.1	11.0	11.6	8.5	6.5	7.5
6	24.6	23.5	24.1	18.6	17.7	18.0	12.2	11.9	12.0	9.0	8.2	8.6
7	23.5	22.7	23.1	18.1	16.9	17.5	13.5	11.8	12.5	10.1	7.4	9.0
8	22.9	21.9	22.4	17.5	16.8	17.2	15.6	13.3	13.9	11.6	9.4	10.2
9	24.3	22.0	22.7	16.8	15.2	15.9	14.6	13.7	14.0	11.9	10.7	11.1
10	23.5	22.4	22.8	15.2	14.3	14.7	15.2	14.0	14.6	11.5	10.8	11.1
11	22.7	21.7	22.2	15.3	13.8	14.4	14.8	13.3	14.2	12.3	10.1	10.9
12	22.3	21.0	21.5	15.4	14.8	15.1	13.3	12.1	12.7	12.6	10.2	11.0
13	22.3	21.5	21.8	15.3	14.2	14.8	12.8	12.1	12.4	12.5	10.7	11.5
14	21.9	21.2	21.6	14.2	13.0	13.6	12.1	10.7	11.2	13.7	12.2	12.9
15	22.1	20.5	21.3	13.0	12.2	12.6	10.7	8.9	9.8	12.6	11.2	11.9
16	21.4	19.4	20.3	12.4	11.9	12.2	9.3	8.0	8.7	11.2	9.8	10.5
17	20.3	18.8	19.3	12.2	11.4	11.7	9.0	7.8	8.4	9.8	8.0	9.0
18	19.9	18.6	19.3	13.2	11.7	12.6	9.5	8.6	9.0	8.0	6.0	6.9
19	21.1	19.3	20.2	13.1	12.2	12.7	10.1	9.2	9.6	6.8	5.2	6.0
20	21.1	20.7	20.9	13.3	12.6	12.9	9.4	6.7	7.9	6.8	4.6	5.6
21	20.8	20.2	20.5	13.9	13.0	13.4	7.2	6.2	6.7	5.7	5.0	5.4
22	20.2	19.2	19.7	14.6	13.2	13.8	7.4	6.5	6.9	6.4	4.4	5.1
23	19.4	18.4	18.9	14.8	14.0	14.5	8.4	7.0	7.6	5.5	4.0	5.0
24	18.5	17.4	17.7	15.4	14.6	14.9	8.4	7.7	8.2	4.0	3.1	3.5
25	17.4	17.1	17.2	15.5	14.4	15.2	7.7	6.9	7.4	4.0	3.1	3.5
26	17.6	16.7	17.2	14.4	13.2	13.7	6.9	5.5	6.5	4.6	3.4	3.8
27	17.4	16.5	16.9	13.2	12.6	12.8	5.6	4.8	5.1	4.7	3.9	4.2
28	17.9	17.0	17.4	13.5	12.7	13.1	5.1	4.0	4.4	4.0	3.2	3.5
29	17.6	17.0	17.2	13.1	12.4	12.7	5.6	4.4	5.1	3.3	2.1	2.7
30	18.6	17.3	17.9	12.7	12.1	12.4	5.6	5.1	5.4	3.6	2.7	3.2
31	19.8	18.4	18.9	---	---	---	6.0	4.9	5.5	3.9	3.3	3.6
MONTH	26.0	16.5	20.9	20.6	11.4	15.0	15.6	4.0	9.7	13.7	2.1	7.2
		FEBRUARY			MARCH			APRIL			MAY	
1	4.2	3.5	3.8	8.9	8.3	8.7	17.8	16.5	17.0	18.6	17.9	18.1
2	4.8	3.7	4.1	8.3	7.5	7.9	18.1	17.2	17.7	19.6	17.8	18.4
3	4.6	4.1	4.4	7.6	6.8	7.3	17.2	15.2	16.2	19.6	18.0	18.7
4	4.8	4.4	4.5	8.1	5.9	7.1	15.8	14.7	15.3	19.5	18.4	18.8
5	5.3	4.4	4.8	8.2	7.1	7.7	16.6	15.4	16.0	18.8	17.7	18.2
6	6.0	4.7	5.2	9.3	7.5	8.3	17.8	16.1	16.8	17.7	15.7	16.8
7	6.0	5.3	5.6	10.1	8.4	9.2	18.4	17.1	17.7	16.3	15.0	15.6
8	6.7	5.6	6.0	10.5	8.9	9.7	18.9	18.1	18.3	17.8	15.9	16.8
9	7.0	5.6	6.2	9.4	8.2	8.8	18.7	17.3	18.1	19.6	17.1	18.0
10	7.7	5.8	6.7	9.5	8.0	8.8	17.3	16.3	16.7	20.2	17.6	18.9
11	6.3	5.8	6.1	9.9	8.6	9.2	17.8	16.3	16.8	22.2	18.8	19.7
12	6.3	5.4	5.9	9.6	8.8	9.2	17.0	16.2	16.6	23.0	20.4	21.7
13	6.4	5.7	6.0	10.8	8.9	9.5	16.3	15.3	15.9	22.3	20.8	21.5
14	7.8	6.3	6.9	10.3	9.7	10	15.3	14.6	14.9	22.3	20.9	21.3
15	9.6	7.5	8.1	11.1	9.4	10.1	14.6	13.4	14.0	22.8	21.0	21.7
16	10.2	7.8	9.0	10.7	9.3	10.0	13.4	12.6	12.9	22.7	20.6	21.8
17	10.3	9.5	9.9	9.5	8.5	9.0	13.8	12.0	12.8	22.8	21.8	22.2
18	9.5	8.1	8.7	8.9	8.1	8.5	15.1	12.9	13.5	22.9	21.3	22.0
19	8.3	7.4	7.8	9.5	8.8	9.1	16.2	12.6	14.0	22.6	22.0	22.3
20	8.8	7.8	8.2	9.9	9.3	9.5	16.1	13.4	15.0	22.3	21.8	22.1
21	9.8	8.5	9.1	11.5	9.7	10.3	15.4	12.3	14.4	21.8	21.0	21.4
22	10.3	9.4	9.8	11.7	10.4	11.2	17.6	12.8	15.4	21.9	20.5	21.2
23	10.3	9.6	9.9	13.4	11.6	12.6	19.1	14.4	17.7	22.3	21.0	21.6
24	10.1	9.4	9.7	14.3	13.0	13.5	17.8	15.2	16.4	22.9	21.5	22.1
25	9.7	8.4	9.1	14.3	13.6	13.9	15.3	14.1	14.8	22.2	20.4	21.2
26	8.9	7.6	8.3	14.6	13.7	14.1	15.6	14.8	15.1	21.2	19.9	20.6
27	9.1	8.3	8.6	14.6	14.1	14.3	17.8	15.5	16.3	22.2	20.5	21.1
28	8.9	8.3	8.6	15.8	14.6	15.1	17.8	15.6	16.4	22.4	20.5	21.7
29	---	---	---	15.7	14.6	15.2	17.1	15.6	16.5	23.9	22.0	22.9
30	---	---	---	16.8	15.2	15.7	18.3	16.8	17.4	23.9	22.5	23.1
31	---	---	---	17.0	15.7	16.3	---	---	---	22.8	22.1	22.5
MONTH	10.3	3.5	7.2	17.0	5.9	10.6	19.1	12.0	15.9	23.9	15.0	20.5

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, TOP—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	22.3	21.4	21.9	29.0	26.4	27.3	29.9	28.4	28.9	29.8	28.4	29.0
2	22.3	21.0	21.5	29.2	27.0	27.7	30.7	28.5	29.5	30.6	29.0	29.8
3	22.8	21.7	22.0	29.1	27.4	28.0	30.8	28.3	29.3	30.8	28.7	29.4
4	22.3	21.7	22.0	29.8	27.6	28.5	31.2	28.7	29.6	28.8	27.9	28.4
5	23.5	21.6	22.1	30.1	28.1	28.9	31.4	29.4	30.1	27.9	27.0	27.4
6	25.9	21.5	22.2	31.1	28.1	29.3	30.6	29.3	29.9	27.0	26.2	26.6
7	25.9	21.6	22.6	31.0	28.7	29.5	30.0	28.2	29.4	26.4	25.7	26.1
8	24.1	21.4	22.5	29.5	27.9	28.6	29.5	28.7	29.0	26.6	25.6	26.0
9	27.4	22.8	25.5	31.5	28.6	29.5	29.5	28.5	28.9	26.4	25.4	25.9
10	28.2	26.7	27.2	31.1	29.0	29.7	30.7	28.5	29.2	26.1	25.1	25.6
11	27.5	26.7	27.1	30.2	29.2	29.6	30.8	29.3	29.7	---	---	---
12	28.6	26.5	27.4	30.5	28.3	29.2	31.2	28.5	29.7	---	---	---
13	28.3	26.9	27.5	29.2	27.9	28.5	32.0	30.0	30.7	---	---	---
14	28.8	26.3	27.3	28.2	27.2	27.8	31.3	30.2	30.8	---	---	---
15	29.5	26.1	27.4	29.4	27.5	28.2	32.4	30.2	31.0	---	---	---
16	30.7	27.6	28.9	30.9	27.5	28.8	31.6	30.1	31.0	---	---	---
17	29.2	27.5	27.9	29.6	27.7	28.4	31.4	29.6	30.3	---	---	---
18	28.1	26.6	27.3	30.0	27.9	28.8	30.7	29.3	29.9	---	---	---
19	27.4	25.9	26.4	30.6	28.1	29.0	32.0	29.2	30.3	---	---	---
20	26.0	24.5	25.3	31.2	28.0	29.3	33.5	30.1	31.0	29.1	26.5	27.5
21	26.1	24.0	25.0	31.7	28.4	29.6	32.5	30.7	31.4	27.9	27.0	27.4
22	26.7	24.3	25.4	30.9	27.9	29.1	32.6	30.5	31.2	29.9	26.6	27.6
23	26.2	25.0	25.6	31.4	29.2	30.0	31.6	30.3	31.0	30.7	26.8	28.0
24	27.1	25.3	26.1	30.6	29.8	30.2	30.3	28.7	29.5	29.2	26.6	27.4
25	26.5	26.0	26.2	31.9	29.0	30.0	28.7	27.7	28.2	27.9	26.7	27.2
26	27.0	25.8	26.2	33.1	29.4	30.7	28.2	27.1	27.6	27.7	26.3	27.1
27	28.0	26.4	27.0	31.8	30.2	31.1	27.7	27.0	27.3	27.4	26.4	26.9
28	27.7	27.1	27.4	32.8	30.0	30.9	28.3	26.8	27.5	27.2	25.9	26.6
29	27.3	26.5	26.8	30.8	29.8	30.2	28.8	27.5	28.1	28.4	25.4	26.6
30	28.3	26.3	26.9	30.8	29.7	30.1	29.7	28.0	28.6	26.9	25.3	26.0
31	---	---	---	30.0	28.7	29.4	29.8	28.4	29.0	---	---	---
MONTH	30.7	21.0	25.5	33.1	26.4	29.2	33.5	26.8	29.6	---	---	---

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS., BOTTOM
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.9	24.2	24.5	20.0	18.7	19.0	13.8	13.0	13.6	6.6	6.4	6.5
2	24.6	24.4	24.5	19.7	19.2	19.4	13.2	12.4	12.9	6.9	6.5	6.7
3	25.1	24.4	24.7	20.0	18.9	19.4	13.3	12.2	12.7	7.2	6.7	6.9
4	25.0	24.6	24.7	19.8	19.5	19.6	13.2	12.3	12.7	7.3	6.9	7.1
5	25.1	24.5	24.9	19.7	18.8	19.1	13.2	12.1	12.9	7.6	6.6	6.7
6	24.5	23.7	24.0	19.0	18.0	18.5	13.2	12.8	13.1	6.9	6.6	6.7
7	23.7	22.6	23.0	18.6	17.9	18.4	13.5	12.9	13.1	9.5	6.8	7.5
8	22.8	21.9	22.3	18.5	16.7	17.6	13.7	13.4	13.5	8.8	7.7	8.0
9	22.5	21.9	22.2	16.7	15.2	15.9	13.7	13.5	13.6	10.7	8.1	9.3
10	22.9	22.2	22.5	15.2	14.4	14.8	15.0	13.6	14.4	9.8	8.9	9.2
11	22.7	21.6	22.1	14.9	13.9	14.5	14.8	13.7	14.3	9.8	9.1	9.4
12	22.6	21.2	21.9	14.9	14.6	14.8	13.7	12.7	13.3	9.8	9.6	9.7
13	22.4	22.0	22.2	15.0	14.2	14.8	13.6	12.4	13.1	11.3	9.7	10.1
14	22.3	22.1	22.2	14.2	13.0	13.6	12.8	10.8	11.6	13.8	10.9	12.8
15	22.2	22.0	22.1	13.3	12.2	12.7	10.8	9.4	10	12.7	11.3	12.0
16	22.1	21.4	21.8	13.6	12.6	13.1	10.2	8.5	9.4	11.3	10.0	10.6
17	21.6	20.1	21.3	13.4	12.9	13.2	11.3	9.9	10.7	10.1	8.2	9.2
18	21.2	20.1	20.8	13.5	13.2	13.4	10.8	10.2	10.5	8.2	6.4	7.4
19	21.1	20.1	20.8	13.5	13.1	13.4	10.8	10.6	10.8	7.4	6.3	7.0
20	21.1	20.7	21.0	13.6	13.2	13.4	10.7	7.6	8.2	7.6	7.3	7.5
21	21.2	20.8	21.0	13.6	13.2	13.5	8.0	6.9	7.5	7.6	6.8	7.3
22	20.9	19.6	20.4	13.7	13.4	13.6	8.3	7.5	7.9	7.5	6.7	7.2
23	20.8	18.5	19.6	13.8	13.6	13.7	8.6	7.4	8.1	6.9	4.2	5.3
24	20.7	17.9	20.0	14.3	13.7	14.0	8.6	7.8	8.3	4.2	3.3	3.6
25	20.5	17.1	18.9	15.5	14.2	14.8	7.8	7.1	7.5	4.0	3.4	3.9
26	18.4	16.7	17.5	14.5	13.4	13.8	7.2	5.8	6.6	4.4	3.4	4.0
27	19.0	17.8	18.7	13.8	12.8	13.1	6.0	5.2	5.6	4.7	4.2	4.3
28	19.0	17.7	18.6	13.7	13.2	13.5	6.2	4.6	5.7	4.7	3.5	4.1
29	18.6	17.4	18.1	13.6	12.6	12.9	6.0	5.5	5.7	3.7	2.8	3.3
30	18.7	17.5	18.2	13.8	13.1	13.5	6.2	5.9	6.1	3.8	3.3	3.6
31	19.8	18.4	18.7	---	---	---	6.4	6.2	6.3	4.2	3.5	3.8
MONTH	25.1	16.7	21.4	20.0	12.2	15.2	15.0	4.6	10.3	13.8	2.8	7.1
		FEBRUARY			MARCH			APRIL			MAY	
1	4.4	3.7	4.1	9.0	8.4	8.8	17.0	16.2	16.7	18.1	16.6	17.6
2	4.4	4.2	4.2	8.4	7.6	8.0	18.1	16.8	17.7	17.6	16.3	16.8
3	4.6	4.2	4.4	7.8	7.2	7.5	17.2	15.4	16.2	18.5	16.9	17.5
4	4.9	4.5	4.7	7.8	7.2	7.6	15.8	14.6	15.3	19.3	17.9	18.6
5	5.3	4.5	4.9	8.2	7.5	7.9	16.6	15.5	15.9	18.9	17.7	18.2
6	5.8	5.1	5.3	8.2	7.9	8.1	17.1	16.2	16.4	17.7	15.7	16.8
7	5.8	5.4	5.5	9.5	8.0	8.3	18.4	15.9	17.2	15.7	15.0	15.3
8	5.8	5.5	5.7	10.6	8.4	9.6	18.4	17.6	18.1	16.8	15.5	15.9
9	6.0	5.8	5.9	9.4	8.2	8.7	18.6	17.4	18.1	16.6	16.0	16.3
10	7.1	5.9	6.4	9.0	8.1	8.5	17.4	16.1	16.5	19.6	16.5	17.3
11	6.5	5.9	6.2	9.8	8.6	8.9	16.8	16.2	16.4	19.5	18.3	18.8
12	6.2	5.8	5.9	9.6	8.7	9.3	17.2	16.3	16.6	20.3	17.7	18.5
13	6.3	6.0	6.1	10.0	9.4	9.6	16.3	15.3	15.9	22.0	18.1	20.8
14	6.8	6.2	6.3	10.0	9.8	9.9	15.3	14.6	15.0	21.3	18.9	19.9
15	6.8	6.5	6.6	10.2	9.5	9.8	14.6	13.4	14.0	20.1	18.7	19.3
16	6.8	6.3	6.5	9.9	9.3	9.7	13.4	12.7	12.9	20.3	18.8	19.2
17	7.4	6.5	6.7	9.5	8.5	9.0	13.0	12.0	12.6	22.4	19.4	21.5
18	8.6	6.6	7.3	9.1	8.1	8.5	13.7	12.6	13.1	22.4	21.3	21.6
19	8.2	7.5	7.8	9.4	8.8	9.0	13.9	12.6	13.2	22.3	21.1	21.9
20	8.8	7.7	8.0	9.4	9.2	9.3	13.6	12.8	13.1	22.2	21.0	21.6
21	9.3	7.9	8.3	9.8	9.3	9.4	12.8	12.0	12.2	21.8	21.0	21.4
22	10.0	8.3	9.3	11.7	9.4	10.5	14.1	12.2	12.6	21.3	21.0	21.1
23	10.3	9.1	9.8	13.3	9.9	11.4	17.2	13.2	15.3	21.1	20.9	21.0
24	10.0	9.5	9.7	14.0	11.2	12.0	16.0	14.4	15.2	22.2	20.9	21.4
25	9.8	8.6	9.1	14.2	13.3	13.7	15.2	14.3	14.8	21.8	20.4	21.1
26	9.0	7.8	8.4	14.5	13.6	13.8	15.5	14.8	15.0	20.4	19.8	20.1
27	9.0	8.4	8.7	14.3	14.0	14.2	15.7	14.3	15.1	20.8	20.0	20.4
28	8.9	8.4	8.7	15.8	14.1	14.9	15.9	14.6	15.0	20.9	20.4	20.6
29	---	---	---	15.6	14.6	15.1	15.5	14.9	15.0	21.1	20.6	20.7
30	---	---	---	16.1	15.2	15.6	18.2	15.1	16.8	21.0	20.8	20.8
31	---	---	---	16.6	15.7	16.0	---	---	---	22.7	20.8	21.4
MONTH	10.3	3.7	6.8	16.6	7.2	10.4	18.6	12.0	15.3	22.7	15.0	19.5

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS., BOTTOM—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	22.2	21.4	21.9	26.2	25.9	26.0	29.4	28.6	29.2	28.7	28.3	28.5
2	21.8	21.0	21.2	26.1	25.8	25.9	30.2	28.6	29.1	28.6	28.3	28.4
3	21.4	21.1	21.2	28.3	25.9	27.0	29.7	28.9	29.2	28.6	28.4	28.5
4	21.3	21.1	21.2	29.4	27.1	28.0	29.0	28.8	28.9	28.8	27.9	28.5
5	21.5	21.2	21.2	29.0	28.4	28.7	29.2	28.7	28.9	27.9	26.9	27.3
6	21.6	21.1	21.2	28.6	27.9	28.2	29.0	28.5	28.7	26.9	26.3	26.6
7	21.3	21.0	21.1	28.1	27.6	27.8	29.6	28.4	28.9	26.5	25.7	26.1
8	21.4	21.1	21.1	28.7	27.8	28.2	29.7	29.0	29.2	26.2	25.6	25.8
9	22.4	21.1	21.5	28.6	27.8	28.1	29.1	28.5	28.7	26.4	25.4	26.0
10	26.2	21.3	24.0	28.4	28.0	28.2	28.7	28.5	28.6	26.1	25.0	25.6
11	27.0	22.9	25.5	28.5	27.9	28.1	28.7	28.6	28.6	---	---	---
12	26.9	26.1	26.5	28.2	27.9	28.0	28.6	28.4	28.5	---	---	---
13	26.6	24.7	25.7	29.0	28.0	28.4	28.6	28.4	28.4	---	---	---
14	24.8	22.0	22.7	28.0	28.0	28.0	28.5	28.3	28.4	---	---	---
15	22.2	21.9	22.0	28.1	27.8	27.9	28.8	28.4	28.5	---	---	---
16	22.2	21.9	22.0	28.1	27.8	28.0	28.9	28.7	28.8	---	---	---
17	22.6	22.2	22.3	28.0	27.8	27.9	28.9	28.7	28.8	---	---	---
18	23.7	22.4	22.8	28.1	27.8	28.0	29.0	28.8	28.9	---	---	---
19	26.5	22.9	25.4	28.4	28.1	28.3	29.2	28.8	28.9	---	---	---
20	25.7	24.8	25.2	28.4	28.2	28.3	29.2	28.7	28.8	26.9	25.2	25.9
21	24.9	24.0	24.5	28.3	28.1	28.2	28.9	28.6	28.7	27.3	25.5	26.4
22	24.4	24.0	24.2	28.4	28.1	28.2	29.0	28.6	28.8	27.8	26.5	27.1
23	26.1	24.1	24.8	28.6	28.2	28.2	29.2	28.8	28.9	27.6	26.4	27.1
24	26.9	25.5	26.0	29.7	28.2	28.9	29.0	28.9	29.0	27.2	26.1	26.5
25	26.5	26.0	26.2	29.7	28.1	28.8	28.9	27.8	28.3	27.9	26.6	27.2
26	26.2	25.8	26.0	29.1	28.2	28.6	28.0	27.1	27.5	27.5	26.6	27.0
27	26.0	25.8	25.8	29.2	28.3	28.7	27.7	27.1	27.4	27.2	26.5	26.8
28	26.3	25.7	25.9	30.7	28.2	28.9	28.1	26.9	27.4	26.9	26.0	26.5
29	26.9	25.9	26.6	30.7	29.3	30.0	28.5	27.5	27.9	26.5	25.8	26.1
30	26.8	26.1	26.4	30.0	29.4	29.7	28.3	27.7	28.0	26.5	25.7	25.9
31	---	---	---	29.7	29.4	29.6	29.6	27.9	28.6	---	---	---
MONTH	27.0	21.0	23.7	30.7	25.8	28.2	30.2	26.9	28.6	---	---	---

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, TOP
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.5	6.9	7.2	12.0	5.3	8.1	11.9	9.1	10.2	15.4	10.1	13.6
2	8.4	6.8	7.3	10.0	5.8	8.3	11.9	9.5	10.5	17.0	8.3	10.3
3	8.6	6.5	7.3	7.5	4.5	6.0	11.4	9.9	10.7	18.6	12.0	15.7
4	8.3	5.7	6.8	8.2	6.0	7.0	12.1	10.2	11.1	15.6	6.5	10.6
5	8.3	7.0	7.7	8.6	5.9	7.2	11.7	10.6	11.2	12.1	6.0	7.7
6	7.6	6.2	6.7	9.8	8.0	8.6	11.7	5.2	9.3	8.9	7.8	8.2
7	8.7	6.1	7.2	8.7	7.5	8.3	11.3	5.4	9.4	10.0	8.5	9.3
8	8.6	7.3	7.9	8.4	6.8	7.7	15.0	6.0	9.0	10.3	9.3	9.8
9	10.0	7.2	8.7	8.8	7.3	8.3	12.3	6.6	8.9	10.5	9.7	10.0
10	9.6	8.7	9.1	9.4	8.5	9.0	8.0	4.5	6.7	10.7	9.5	10.2
11	8.8	8.1	8.4	9.9	9.0	9.3	9.8	7.2	8.7	10.5	8.7	10
12	9.5	7.8	8.4	10.3	9.0	9.5	9.8	8.5	9.2	10.9	8.3	9.5
13	8.9	5.9	8.0	9.7	8.5	8.8	12.1	8.4	10.0	9.7	6.6	8.6
14	8.7	7.2	7.9	9.6	8.6	9.1	11.9	9.8	10.3	8.9	7.7	8.4
15	8.2	3.9	6.7	10.4	9.4	9.9	11.0	9.7	10.4	9.3	8.3	8.8
16	8.9	5.8	7.1	10.9	10.1	10.4	15.0	10.3	11.5	9.6	9.0	9.2
17	9.9	6.6	8.0	11.0	8.3	10.2	15.8	10.2	12.9	10.4	9.3	9.8
18	10.6	7.0	9.0	11.4	7.2	8.6	15.7	14.0	14.8	11.2	10.1	10.7
19	9.7	5.6	8.3	10.5	7.2	8.5	16.0	8.8	12.4	11.4	9.8	10.8
20	9.0	6.2	8.0	10.5	6.5	8.7	10.8	8.7	10.1	13.4	9.8	11.2
21	8.3	6.4	7.4	11.1	7.3	9.0	11.8	10.1	10.8	12.1	11.4	11.8
22	7.8	6.4	7.0	12.7	7.2	10.3	13.0	10.7	11.6	12.1	10.5	11.5
23	8.5	7.0	7.6	12.1	10.1	11.5	12.8	11.1	11.8	11.7	10.6	11.0
24	8.8	7.5	8.0	11.8	9.8	10.9	11.2	10.4	10.9	12.2	11.3	11.8
25	9.7	8.0	8.7	10.4	6.5	8.3	11.5	10.7	11.1	12.7	11.8	12.2
26	9.9	8.2	8.7	10.4	8.1	9.3	11.3	10.9	11.1	12.9	12.3	12.6
27	10.8	9.1	9.8	11.8	9.6	10.3	12.4	11.2	11.7	12.9	12.4	12.7
28	10.7	9.7	10.2	11.0	9.4	10.2	12.8	11.5	12.2	13.2	12.5	12.8
29	10.8	9.5	10	10.7	9.8	10.2	12.9	11.4	12.3	13.9	12.7	13.3
30	11.6	7.4	9.7	13.0	10.2	11.2	13.9	12.0	13.1	13.6	12.9	13.2
31	10.3	5.7	7.7	---	---	---	15.2	12.8	13.8	13.5	12.9	13.2
MONTH	11.6	3.9	8.1	13.0	4.5	9.1	16.0	4.5	10.9	18.6	6.0	10.9
		FEBRUARY			MARCH			APRIL			MAY	
1	13.7	13.0	13.4	10.9	10.1	10.5	9.9	8.9	9.4	10.0	8.4	8.8
2	14.1	12.9	13.5	10.8	10.2	10.5	9.2	8.2	8.5	11.5	7.9	9.7
3	14.4	13.2	13.8	11.6	10.3	11.0	9.0	8.2	8.6	10.7	8.6	9.5
4	13.7	13.2	13.4	13.5	11.1	11.8	9.6	8.5	9.0	9.9	8.8	9.5
5	13.7	13.0	13.3	12.4	10.7	11.7	10.6	9.1	9.8	9.2	7.8	8.3
6	14.3	13.1	13.7	12.5	11.1	11.7	10.7	9.5	10.1	8.4	7.6	8.0
7	14.4	13.6	13.9	12.3	9.9	11.7	9.9	8.8	9.4	9.8	8.0	8.9
8	15.1	13.5	14.3	10.6	7.8	9.6	9.2	8.6	8.9	11.1	8.4	10.0
9	14.8	13.7	14.5	11.9	9.1	10.0	9.3	8.6	8.9	12.6	9.6	11.0
10	14.1	11.8	13.1	13.0	10.4	11.7	10.2	8.9	9.3	12.5	9.6	11.2
11	12.2	11.7	11.9	13.8	8.8	11.8	10.8	9.1	9.7	12.5	9.8	10.9
12	12.7	11.6	12.2	11.5	9.0	10.7	10.4	9.8	10.1	12.3	9.2	10.6
13	13.6	12.3	12.7	13.4	10.4	11.2	10.0	9.4	9.7	10.0	8.4	9.3
14	13.9	12.3	12.9	11.9	10.8	11.4	10.2	9.3	9.8	9.1	7.7	8.4
15	13.7	12.2	12.7	13.4	11.0	12.1	10.4	9.4	9.9	9.3	6.6	8.2
16	13.7	12.6	13.2	12.5	11.2	12.0	10.8	9.9	10.4	10.2	5.4	8.2
17	12.9	12.1	12.5	11.2	10.3	10.8	11.3	10.2	10.7	9.5	7.7	8.6
18	12.1	11.0	11.6	11.3	10.3	10.8	11.4	10.0	10.6	11.2	7.6	9.4
19	12.3	10.9	11.5	11.5	10.9	11.3	11.9	9.4	10.5	10.7	9.5	9.9
20	12.8	11.8	12.3	11.8	10.6	11.2	10.0	7.3	9.0	9.9	7.7	8.7
21	12.5	11.4	11.9	11.7	10.2	11.4	8.8	5.9	7.7	9.6	7.5	8.4
22	12.3	11.1	11.7	12.0	11.2	11.6	9.0	6.4	7.4	10.4	6.8	9.3
23	12.1	11.2	11.8	11.2	9.9	10.4	8.5	6.9	8.1	10.1	8.5	9.3
24	11.3	10.5	11.0	11.0	9.5	10.1	9.4	7.9	8.7	10.3	8.4	9.2
25	10.9	10.2	10.5	11.2	10.1	10.6	10.5	8.5	9.5	8.5	7.3	7.8
26	11.8	10.1	11.0	11.1	10.2	10.5	11.5	9.3	10.3	9.0	6.3	8.0
27	11.9	10.8	11.4	10.5	9.8	10.1	10.9	9.0	10	9.4	7.0	8.3
28	11.2	10.2	10.6	9.8	8.5	9.3	11.9	9.5	10.4	8.8	7.0	8.0
29	---	---	---	10.1	8.6	9.3	11.4	6.6	9.5	10.5	8.0	9.3
30	---	---	---	11.0	9.3	9.9	10.4	9.1	9.6	9.5	4.1	7.6
31	---	---	---	10.4	9.5	10	---	---	---	8.9	7.8	8.3
MONTH	15.1	10.1	12.5	13.8	7.8	10.9	11.9	5.9	9.4	12.6	4.1	9.1

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, TOP—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.0	7.3	7.7	8.2	5.8	7.0	9.4	5.7	7.1	8.7	5.0	6.4
2	9.0	7.1	7.8	8.6	4.0	6.3	10.4	6.1	7.9	9.6	5.9	7.8
3	9.7	7.0	8.0	7.7	5.1	6.3	11.1	8.2	9.5	8.5	6.5	7.5
4	7.4	5.5	6.6	7.9	5.9	7.0	11.1	5.2	8.8	6.7	6.0	6.3
5	9.8	2.5	5.7	8.1	6.1	7.1	11.2	6.2	8.6	6.7	5.5	6.1
6	8.9	1.6	2.9	8.5	6.2	7.2	8.5	5.1	7.1	6.9	6.0	6.4
7	8.2	0.1	2.4	9.5	5.6	7.6	7.8	3.9	6.7	7.5	6.1	6.7
8	3.4	0.0	1.1	8.3	4.9	6.2	7.4	6.0	6.8	8.0	6.4	7.1
9	9.0	0.1	4.7	12.4	6.4	8.4	8.4	4.9	6.5	7.8	6.5	7.1
10	9.2	7.1	7.8	10.4	6.3	8.8	10.5	7.1	8.3	7.7	6.6	7.1
11	8.2	6.8	7.6	11.3	5.9	8.3	9.1	4.2	7.4	---	---	---
12	8.6	6.1	7.3	9.4	1.9	5.5	9.4	3.0	6.2	---	---	---
13	8.4	4.7	7.2	5.8	0.6	3.3	8.9	4.5	7.2	---	---	---
14	8.1	3.9	6.0	8.4	3.8	5.6	9.4	7.0	7.7	---	---	---
15	8.3	4.6	6.2	10.8	5.8	7.8	8.8	6.5	7.7	---	---	---
16	8.4	5.5	7.1	9.5	5.0	7.5	8.6	0.5	6.6	---	---	---
17	7.9	6.3	7.0	8.6	4.0	6.8	7.5	5.3	6.2	---	---	---
18	8.0	6.1	7.3	8.3	3.6	6.3	7.5	5.8	6.7	---	---	---
19	7.5	6.1	6.9	10.5	1.6	5.6	7.8	5.8	6.7	---	---	---
20	7.5	6.8	7.1	8.2	2.7	5.5	9.2	5.9	7.0	10.8	7.6	9.2
21	9.0	6.8	7.8	11.0	2.4	6.3	8.6	6.6	7.2	8.9	7.5	8.2
22	9.4	7.2	8.0	9.0	2.4	5.3	9.0	4.7	6.8	9.8	7.2	8.4
23	8.3	7.2	7.8	9.1	5.7	7.1	8.4	6.5	7.3	10.4	7.1	8.5
24	8.2	7.0	7.6	8.7	6.6	7.5	8.4	6.1	7.0	10.6	7.1	8.3
25	7.6	7.0	7.3	10.5	7.0	8.1	7.0	5.8	6.3	9.2	6.8	7.7
26	8.6	6.8	7.4	14.7	6.4	8.6	7.8	5.7	6.6	8.0	6.5	7.4
27	8.9	7.4	7.9	12.4	4.3	8.2	6.7	5.7	6.4	8.2	5.3	6.8
28	8.6	7.0	7.9	9.2	2.8	6.6	6.9	5.1	6.1	8.5	6.4	7.4
29	8.2	7.1	7.4	8.0	4.8	6.0	6.9	4.8	6.2	9.9	6.4	7.8
30	10.9	6.7	7.9	7.3	5.5	6.5	8.0	5.8	6.6	7.9	6.2	6.8
31	---	---	---	7.7	6.3	6.8	6.5	5.0	5.8	---	---	---
MONTH	10.9	0.0	6.7	14.7	0.6	6.8	11.2	0.5	7.1	---	---	---

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.0	6.2	6.6	8.2	0.0	2.2	9.9	4.5	7.0	9.0	8.2	8.4
2	6.7	5.3	6.0	6.0	0.0	1.8	9.6	7.0	8.5	8.3	6.7	7.4
3	6.7	4.7	5.6	7.2	0.0	2.1	10.9	6.2	8.8	7.8	5.2	7.1
4	6.5	2.9	5.3	7.0	4.8	6.2	10.3	5.5	8.3	6.5	4.8	5.7
5	7.0	3.2	5.7	7.6	5.5	6.6	9.8	5.0	6.7	8.0	5.9	7.2
6	6.8	3.9	5.8	7.6	3.5	6.1	7.0	4.3	5.5	8.2	7.5	7.9
7	8.5	4.9	6.5	8.0	3.3	4.4	7.7	4.2	5.4	9.4	7.3	8.0
8	8.8	5.5	7.5	8.3	2.7	6.2	7.7	4.4	5.7	8.0	6.4	7.0
9	8.3	6.2	7.3	9.0	7.2	8.2	5.8	5.0	5.4	9.7	5.3	7.5
10	9.2	7.1	8.2	9.2	8.2	8.8	7.0	4.0	5.6	7.8	5.1	6.0
11	9.0	6.4	8.3	9.2	8.2	8.7	7.2	4.3	5.9	7.6	5.6	6.4
12	8.1	1.0	5.2	8.4	7.2	7.8	8.9	3.9	7.1	6.3	4.5	5.3
13	6.9	2.0	3.1	9.2	7.2	8.6	10.5	3.6	6.4	7.2	4.3	5.6
14	5.5	1.2	2.1	9.8	8.7	9.2	10.4	6.9	9.0	8.9	6.1	8.5
15	3.0	1.3	2.0	10.2	9.2	9.7	10.6	9.0	9.7	9.3	8.6	9.0
16	4.4	1.5	2.5	9.9	7.4	8.9	10.2	8.5	9.5	9.4	9.1	9.3
17	4.8	1.5	2.3	9.0	7.4	8.4	8.7	6.1	7.2	10.3	9.0	9.6
18	4.5	1.0	2.3	7.8	7.1	7.4	7.4	5.2	6.5	10.8	9.2	10.1
19	4.2	0.5	1.9	7.8	6.8	7.2	5.2	4.4	4.8	10.8	9.4	9.9
20	2.6	0.0	0.6	7.8	6.0	6.9	10.3	4.8	9.3	9.4	9.0	9.2
21	1.6	0.0	0.2	7.8	5.6	6.2	11.1	8.1	9.5	9.2	8.1	8.6
22	7.9	0.0	3.6	6.1	5.0	5.5	12.0	7.3	9.0	8.5	7.4	8.1
23	8.5	0.0	4.7	5.7	4.2	4.8	12.0	4.9	9.7	11.1	7.9	10.3
24	8.0	0.0	1.8	5.5	2.7	4.0	10.7	7.2	9.9	11.7	11.1	11.3
25	8.9	0.3	4.3	8.9	2.2	5.4	11.0	10.3	10.6	11.7	10.8	11.2
26	8.8	3.8	7.7	9.3	7.6	8.6	10.8	10.5	10.7	11.6	10.1	10.9
27	7.8	0.1	3.3	11.3	6.2	9.9	11.7	10.3	11.0	12.3	10.1	11.5
28	11.2	0.5	2.7	10.4	7.0	8.0	11.5	9.6	10.3	12.3	11.0	11.9
29	11.8	1.1	5.3	10.2	5.8	9.2	10.8	9.8	10.4	12.9	11.9	12.4
30	8.5	1.9	4.4	10.4	5.3	6.7	10.1	9.4	9.7	12.7	11.3	12.0
31	7.0	1.8	2.9	---	---	---	9.5	8.9	9.2	12.6	12.0	12.5
MONTH	11.8	0.0	4.4	11.3	0.0	6.8	12.0	3.6	8.1	12.9	4.3	8.9
		FEBRUARY			MARCH			APRIL			MAY	
1	12.9	11.8	12.5	10.9	9.9	10.4	11.3	8.6	9.9	9.3	2.4	7.1
2	12.9	11.6	12.4	10.6	10.2	10.4	9.9	8.5	9.0	5.9	0.6	2.5
3	13.0	11.3	12.4	11.5	10.2	10.7	9.5	8.7	9.1	9.6	1.1	4.2
4	12.8	12.4	12.6	11.3	9.8	10.7	9.9	8.5	9.1	10.4	5.4	8.7
5	12.7	12.1	12.4	11.8	7.0	9.1	10.4	8.4	9.4	9.8	8.4	9.0
6	13.3	12.5	12.7	11.4	7.7	9.0	10.2	7.5	9.1	9.0	8.2	8.6
7	13.3	11.7	12.8	9.9	7.4	8.0	9.1	4.9	7.7	9.4	7.8	8.8
8	12.9	11.7	12.3	9.9	6.9	8.9	---	---	---	9.8	7.0	7.6
9	13.3	11.5	12.2	9.3	8.0	8.7	---	---	---	8.8	4.7	6.1
10	13.3	10.2	11.8	12.3	7.8	9.6	---	---	---	10.7	4.2	6.0
11	11.6	10.0	11.2	10.9	6.9	8.1	---	---	---	10.7	6.1	9.0
12	11.7	9.7	10.3	11.7	9.0	10.8	---	---	---	10.3	1.6	5.9
13	11.9	8.5	9.3	11.8	10.3	11.0	---	---	---	10.1	3.2	8.3
14	10.8	7.7	8.8	12.0	10.1	11.4	---	---	---	9.3	1.0	4.5
15	9.5	5.9	7.9	12.8	10.5	11.3	---	---	---	4.1	0.8	1.9
16	9.4	6.6	7.5	12.5	10.6	11.4	---	---	---	4.5	0.5	1.2
17	7.9	6.6	7.2	11.6	10.6	11.3	---	---	---	9.6	0.9	7.0
18	11.4	7.4	8.8	11.9	10.8	11.4	---	---	---	10.8	6.5	8.3
19	11.1	7.6	10.2	11.9	10.4	11.4	---	---	---	9.3	2.3	7.0
20	12.2	6.8	9.8	11.6	10.2	11.0	7.3	5.3	6.4	8.5	1.9	4.8
21	12.1	5.4	8.2	12.2	9.1	10.1	7.0	6.0	6.6	9.2	3.0	8.0
22	12.3	5.6	10.5	12.8	8.9	10.7	7.4	5.8	6.4	8.5	4.9	6.7
23	12.2	7.4	11.0	12.4	7.6	9.2	8.1	5.0	6.8	5.2	2.2	3.6
24	11.4	10.5	11.0	11.7	6.7	8.7	9.3	5.3	7.2	8.7	1.4	4.9
25	10.7	9.5	10.3	12.2	10.7	11.5	10.2	6.3	8.8	8.1	2.1	7.1
26	10.8	7.4	9.7	12.2	10.4	11.2	11.3	8.8	10	7.7	4.5	6.2
27	11.4	7.3	10.2	11.6	9.9	10.9	10.4	2.7	6.7	8.0	2.0	4.2
28	11.2	10.2	10.6	11.0	9.4	10.1	10.6	3.0	5.0	3.4	0.8	1.5
29	---	---	---	11.5	9.5	10.3	6.3	1.5	3.2	3.0	0.3	0.8
30	---	---	---	11.4	9.3	10.5	10.4	1.3	6.0	1.0	0.2	0.4
31	---	---	---	11.3	10.1	10.8	---	---	---	8.4	0.1	2.6
MONTH	13.3	5.4	10.6	12.8	6.7	10.3	---	---	---	10.8	0.1	5.6

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.7	5.6	7.2	2.7	0.1	0.9	6.3	0.7	2.3	5.7	3.8	4.9
2	8.1	6.1	7.2	0.3	0.0	0.1	7.4	2.0	4.5	4.0	0.6	2.4
3	6.4	4.2	4.9	6.9	0.0	2.9	6.3	0.5	3.0	2.0	0.0	0.2
4	4.3	2.6	3.5	7.3	1.1	5.4	0.5	0.0	0.3	6.6	0.0	3.6
5	4.1	1.3	2.4	6.9	3.8	5.3	0.1	0.0	0.0	6.7	5.5	6.2
6	3.2	0.4	0.9	5.2	2.8	3.9	0.1	0.0	0.0	7.0	5.7	6.4
7	0.8	0.0	0.2	2.8	0.9	1.5	3.8	0.0	0.6	7.6	5.9	6.6
8	0.2	0.0	0.1	5.8	0.6	3.8	5.4	2.2	3.5	7.0	5.9	6.5
9	0.1	0.0	0.1	6.1	0.3	2.2	4.5	0.1	2.3	7.2	4.3	5.6
10	4.9	0.0	2.3	2.0	0.0	0.9	1.7	0.0	0.4	7.1	6.2	6.7
11	6.7	0.1	3.7	0.9	0.0	0.1	0.6	0.0	0.1	---	---	---
12	6.6	3.1	5.0	0.1	0.0	0.0	0.1	0.0	0.0	---	---	---
13	4.2	0.1	2.3	4.9	0.0	1.9	0.1	0.0	0.0	---	---	---
14	0.2	0.0	0.1	3.2	0.2	1.5	0.1	0.0	0.0	---	---	---
15	0.4	0.0	0.1	4.0	0.1	1.3	0.0	0.0	0.0	---	---	---
16	0.2	0.0	0.1	3.3	0.2	1.4	0.0	0.0	0.0	---	---	---
17	0.2	0.0	0.1	1.2	0.0	0.3	0.0	0.0	0.0	---	---	---
18	0.1	0.0	0.1	0.1	0.0	0.1	0.3	0.0	0.1	---	---	---
19	7.2	0.0	4.4	0.1	0.0	0.1	0.1	0.0	0.1	---	---	---
20	7.2	5.2	6.5	0.5	0.0	0.1	0.1	0.0	0.1	7.3	1.2	3.5
21	7.0	2.0	5.7	0.2	0.0	0.0	0.1	0.0	0.1	7.9	1.0	4.2
22	4.3	0.4	1.6	0.1	0.0	0.0	0.1	0.0	0.1	8.6	6.2	7.4
23	7.7	1.3	4.2	1.0	0.0	0.1	0.2	0.0	0.1	7.4	2.1	5.3
24	7.6	6.0	6.7	6.5	0.0	3.1	0.1	0.0	0.1	5.8	0.8	2.6
25	7.1	5.9	6.8	6.6	0.0	1.4	6.9	0.0	4.4	8.3	2.0	6.7
26	6.8	5.6	6.3	3.2	0.0	0.1	7.4	5.2	6.4	7.3	1.6	5.0
27	5.6	3.5	4.7	0.3	0.0	0.1	6.9	5.9	6.5	7.5	2.0	5.6
28	3.6	1.6	2.8	5.4	0.1	0.6	7.2	5.1	6.1	7.8	5.9	6.6
29	6.6	1.6	3.9	5.8	0.9	4.1	7.2	4.9	6.1	6.7	5.0	5.9
30	5.9	2.2	3.9	4.0	0.4	1.9	6.5	1.1	4.5	7.1	4.5	5.9
31	---	---	---	5.1	0.6	2.2	6.2	0.1	2.5	---	---	---
MONTH	8.1	0.0	3.3	7.3	0.0	1.5	7.4	0.0	1.7	---	---	---

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, TOP
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	91	83	87	134	57	88	113	88	97	124	81	109
2	103	82	88	111	64	92	113	89	99	138	67	83
3	106	79	88	83	49	66	106	92	100	151	97	128
4	101	69	82	92	66	77	114	95	103	127	54	87
5	102	84	93	94	64	78	109	98	103	104	49	65
6	91	73	80	105	84	91	109	48	86	77	66	70
7	102	71	85	91	78	88	107	52	88	89	72	81
8	100	84	92	88	71	81	147	58	88	94	84	87
9	120	83	101	89	75	84	121	64	87	97	88	91
10	113	101	106	93	84	89	78	44	66	97	86	92
11	102	92	97	98	87	92	96	71	85	98	78	90
12	110	88	95	103	89	95	93	81	87	102	74	87
13	102	68	91	97	84	87	114	79	94	89	60	79
14	99	82	90	93	83	88	109	88	94	84	73	80
15	92	45	76	97	89	93	97	86	92	85	78	82
16	98	65	79	102	94	97	131	89	99	85	81	83
17	108	73	87	102	77	95	134	88	110	90	82	85
18	115	76	97	106	68	81	138	120	128	91	85	88
19	107	63	92	99	68	80	140	78	109	90	80	87
20	101	70	90	99	62	82	92	76	86	106	80	89
21	93	71	82	107	70	86	97	83	88	96	90	93
22	86	70	77	125	69	100	108	88	95	95	84	90
23	92	76	82	119	98	113	106	95	99	90	83	86
24	92	79	84	118	98	109	96	89	92	92	86	89
25	101	83	91	104	65	83	96	89	92	97	89	92
26	103	85	91	101	79	90	93	89	90	100	93	96
27	113	94	101	112	91	97	97	88	92	100	95	98
28	113	102	106	106	89	97	98	90	94	99	94	96
29	113	100	104	102	92	96	103	89	97	104	95	98
30	124	79	102	122	96	105	110	96	104	101	96	99
31	112	61	83	---	---	---	120	103	109	103	97	100
MONTH	124	45	90	134	49	90	147	44	95	151	49	90
		FEBRUARY			MARCH			APRIL			MAY	
1	105	98	102	94	87	90	104	92	97	107	89	93
2	110	98	104	92	85	88	97	85	89	123	84	104
3	112	102	106	97	85	91	91	85	88	117	91	102
4	106	102	104	111	91	97	97	84	90	108	95	102
5	108	100	104	105	89	98	109	91	100	99	82	88
6	114	102	108	109	93	100	113	97	104	87	78	83
7	116	108	111	109	86	102	103	92	98	100	80	90
8	122	108	116	93	67	84	99	91	95	117	85	104
9	120	109	117	104	78	87	99	92	94	138	100	117
10	114	96	107	114	89	101	106	92	96	138	102	121
11	98	94	96	122	77	103	114	94	101	143	106	119
12	103	92	98	101	78	93	107	101	104	141	102	121
13	111	99	102	121	91	99	102	94	98	112	95	106
14	113	102	107	106	95	101	102	93	97	104	87	95
15	120	102	108	121	96	108	100	91	96	107	74	93
16	120	109	115	113	98	107	103	94	98	119	60	94
17	115	106	111	98	90	94	109	95	101	110	88	99
18	106	93	99	98	87	93	114	95	102	131	87	108
19	104	92	96	101	94	98	121	91	102	124	109	115
20	110	99	104	104	93	98	99	70	89	114	88	100
21	108	100	104	107	91	102	87	56	75	109	85	95
22	110	98	103	110	101	106	95	61	75	119	77	105
23	108	98	104	103	95	98	91	68	86	115	96	106
24	101	93	97	108	91	98	96	83	89	120	96	106
25	94	88	91	110	97	103	104	84	94	98	82	88
26	102	85	94	109	99	103	116	92	102	102	69	89
27	102	92	98	103	97	99	114	91	102	108	78	93
28	95	88	91	98	85	92	124	96	107	102	79	92
29	---	---	---	102	85	93	118	67	98	125	92	109
30	---	---	---	114	93	100	110	94	100	113	47	89
31	---	---	---	108	96	102	---	---	---	104	90	97
MONTH	122	85	103	122	67	98	124	56	96	143	47	101

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, TOP—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	92	83	88	107	72	88	124	74	93	115	65	84
2	104	80	89	112	50	81	139	79	105	128	77	104
3	113	80	91	101	65	81	148	106	125	114	85	99
4	85	63	75	104	75	91	149	68	116	87	77	81
5	115	28	66	108	78	92	151	82	115	85	70	78
6	110	18	34	115	80	94	113	67	94	87	75	80
7	101	1	28	128	73	100	103	50	89	93	75	83
8	40	0	13	109	63	81	97	78	88	100	79	88
9	114	1	59	164	84	111	110	63	85	97	80	87
10	118	89	98	140	83	116	139	92	109	94	81	87
11	104	85	96	150	78	110	120	55	98	---	---	---
12	111	77	92	124	25	72	127	40	82	---	---	---
13	108	59	91	75	8	43	122	60	97	---	---	---
14	105	48	77	108	49	72	127	94	104	---	---	---
15	107	57	79	146	74	102	121	87	104	---	---	---
16	112	70	93	128	64	97	117	7	90	---	---	---
17	103	80	89	112	51	88	102	70	83	---	---	---
18	100	77	92	110	46	83	101	77	89	---	---	---
19	93	76	86	141	21	73	107	76	90	---	---	---
20	91	82	86	111	35	73	128	79	94	140	95	117
21	112	82	94	150	31	84	117	89	98	114	94	104
22	118	87	98	121	31	70	125	63	93	129	90	107
23	103	88	96	124	75	95	113	88	99	139	89	109
24	103	85	95	116	87	100	111	79	91	136	89	105
25	95	87	91	139	92	108	90	74	81	118	85	98
26	108	84	93	196	84	116	100	72	84	102	82	93
27	114	92	99	168	57	111	85	72	81	104	66	86
28	110	88	100	127	37	89	89	64	77	107	79	92
29	103	89	93	107	64	80	90	61	80	126	79	98
30	138	83	99	98	73	87	106	74	86	99	76	84
31	---	---	---	101	83	89	86	65	75	---	---	---
MONTH	138	0	83	196	8	90	151	7	93	---	---	---

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	84	74	80	90	0	24	95	44	67	73	67	69
2	81	64	72	66	0	20	91	67	81	68	55	61
3	82	56	67	79	0	24	102	59	83	64	43	58
4	79	35	64	77	53	68	97	52	79	54	40	48
5	85	39	69	82	60	72	92	48	63	65	49	59
6	82	47	69	81	38	65	66	41	53	67	62	65
7	99	58	77	85	35	47	74	40	51	82	60	67
8	102	63	87	87	29	65	74	42	55	69	54	59
9	96	71	84	90	74	83	56	48	52	88	46	66
10	107	82	95	92	82	87	70	39	55	69	44	52
11	105	73	96	90	81	85	71	42	57	67	49	56
12	92	12	59	83	71	77	85	38	68	56	40	47
13	79	23	35	90	71	85	100	35	61	66	38	50
14	63	14	24	94	84	89	96	64	83	86	55	81
15	34	15	23	97	87	91	93	81	86	85	81	83
16	50	17	29	94	71	84	88	76	83	85	81	84
17	53	17	26	85	71	80	77	56	65	88	80	84
18	50	11	26	75	68	71	66	47	58	88	78	84
19	46	6	21	75	65	69	47	40	43	88	78	82
20	29	0	7	75	58	66	87	43	79	78	75	77
21	18	0	3	75	54	60	92	68	79	77	67	72
22	87	0	39	59	48	53	100	62	76	71	62	67
23	92	0	50	55	41	46	101	42	82	86	65	81
24	85	0	20	53	26	39	91	62	85	89	84	86
25	93	3	46	89	22	54	92	86	89	89	82	85
26	93	40	81	90	74	83	90	86	87	89	78	83
27	84	1	35	108	60	94	93	82	87	95	78	89
28	118	5	29	100	67	77	89	77	82	94	86	91
29	124	12	56	97	56	88	86	79	83	97	90	93
30	89	20	47	99	51	64	81	76	78	96	86	91
31	77	19	32	---	---	---	77	72	74	97	92	95
MONTH	124	0	50	108	0	67	102	35	72	97	38	73
		FEBRUARY			MARCH			APRIL			MAY	
1	100	91	96	94	85	90	117	88	102	99	25	75
2	99	89	95	90	86	88	104	89	95	62	6	26
3	101	87	96	96	85	90	97	90	93	102	11	44
4	99	96	98	94	83	90	100	84	91	113	57	93
5	100	94	97	100	59	77	107	84	95	106	89	95
6	106	98	100	97	65	77	104	77	94	93	85	89
7	107	93	102	86	63	69	97	50	81	94	78	88
8	103	93	98	88	59	78	---	---	---	101	71	77
9	107	92	98	79	69	75	---	---	---	91	48	62
10	107	83	96	107	67	82	---	---	---	117	43	64
11	94	81	91	96	60	70	---	---	---	117	65	97
12	95	78	83	103	78	94	---	---	---	114	17	64
13	96	69	75	105	90	96	---	---	---	113	34	93
14	88	63	71	107	89	101	---	---	---	105	11	50
15	78	48	65	114	93	100	---	---	---	45	9	21
16	77	54	61	110	93	101	---	---	---	50	5	13
17	65	54	59	101	93	98	---	---	---	111	10	80
18	98	61	73	103	93	98	---	---	---	122	74	94
19	94	64	86	103	90	99	---	---	---	107	26	81
20	105	57	82	102	89	96	70	51	61	98	21	55
21	104	46	70	108	80	88	65	56	62	105	34	90
22	109	48	92	118	78	97	72	54	60	96	55	76
23	109	64	97	114	68	85	82	50	68	58	25	41
24	100	92	97	114	61	81	94	52	72	100	16	55
25	95	82	89	119	103	111	102	62	87	92	24	80
26	91	64	83	120	101	108	113	87	99	85	50	68
27	98	63	88	114	96	106	104	26	67	90	22	47
28	96	88	91	111	93	100	107	30	50	38	9	17
29	---	---	---	116	94	103	63	15	32	34	3	9
30	---	---	---	116	93	106	110	13	63	11	2	4
31	---	---	---	116	103	109	---	---	---	98	1	30
MONTH	109	46	87	120	59	92	---	---	---	122	1	61

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	89	64	82	34	1	11	83	9	30	74	49	63
2	92	69	81	4	0	0	98	26	58	52	8	31
3	72	47	56	89	0	38	83	7	39	26	0	2
4	49	29	39	96	14	70	7	0	4	85	0	46
5	47	15	27	90	49	69	1	0	0	85	70	78
6	36	5	11	67	36	50	1	0	0	88	71	80
7	9	0	2	36	11	19	50	0	7	95	74	82
8	2	0	0	75	8	49	71	29	45	87	72	81
9	1	0	0	79	4	28	58	1	30	90	53	70
10	61	0	28	26	0	12	22	0	5	87	76	82
11	84	1	46	12	0	1	8	0	0	---	---	---
12	83	39	62	1	0	0	1	0	0	---	---	---
13	52	1	29	64	0	24	1	0	0	---	---	---
14	2	0	0	41	3	20	1	0	0	---	---	---
15	5	0	1	51	1	17	0	0	0	---	---	---
16	2	0	0	42	3	18	0	0	0	---	---	---
17	2	0	0	15	0	3	0	0	0	---	---	---
18	1	0	0	1	0	0	4	0	0	---	---	---
19	89	0	54	1	0	0	1	0	0	---	---	---
20	88	63	79	6	0	0	1	0	0	92	15	43
21	84	24	68	3	0	0	1	0	0	100	12	52
22	52	5	19	1	0	0	1	0	0	110	78	94
23	95	16	51	13	0	0	3	0	0	94	26	67
24	96	74	83	86	0	41	1	0	0	73	10	33
25	88	73	84	87	0	18	89	0	57	106	25	84
26	84	69	78	42	0	2	95	66	81	93	20	63
27	69	43	58	4	0	1	88	75	82	94	25	70
28	44	20	35	73	1	8	92	64	78	98	74	83
29	83	20	48	77	12	54	93	63	78	83	62	73
30	74	27	49	53	5	25	83	14	58	88	55	73
31	---	---	---	67	8	29	81	1	33	---	---	---
MONTH	96	0	39	96	0	20	98	0	22	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC

LOCATION.--Lat. 34°56'55", long. 76°48'35", Craven County, Hydrologic Unit 03020204, at U.S. Coast Guard Channel Light 9.

PERIOD OF RECORD.--May 1989 to July 1993, 1996 to current year.

PERIOD OF DAILY RECORD.--
SALINITY (TOP AND BOTTOM): May 1989 to July 1993, June 1996 to current year
pH (TOP AND BOTTOM): June 1996 to current year.
WATER TEMPERATURE (TOP): May 1989 to July 1993, June 1996 to current year.
WATER TEMPERATURE (BOTTOM): June 1996 to current year.
DISSOLVED OXYGEN (TOP AND BOTTOM): May 1989 to July 1993, June 1996 to current year.
DISSOLVED OXYGEN (MID): May 1989 to July 1993.
DISSOLVED OXYGEN, PERCENT SATURATION (TOP AND BOTTOM): May 1989 to July 1993, June 1996 to current year.
DISSOLVED OXYGEN, PERCENT SATURATION (MID): May 1989 to July 1993.

INSTRUMENTATION.-- Water-quality monitor from May 1989 to July 1993. Constituents monitored were: specific conductance top and bottom, water temperature top and bottom, dissolved oxygen top, mid-depth and bottom. Water-quality monitor with satellite telemetry from June 1996 to current water year. Constituents monitored were the same as previous water years except mid-depth dissolved oxygen was not measured, water temperature, bottom, was added as well as pH top and bottom.

REMARKS.--Station operated in cooperation with the North Carolina Department of Environment and Natural Resources. The monitor was removed August 29, 1999 to prevent possible destruction of the equipment during Hurricanes Dennis and Floyd. It was reinstalled on October 5, 1999. The monitor was removed on September 15, 2003 to prevent possible destruction of the equipment during Hurricane Isabel. It was reinstalled on September 26, 2003. The monitor was removed on September 11, 2005 to prevent possible destruction during Hurricane Ophelia. It was reinstalled on September 20, 2005. Prior to June 1996, top constituents were monitored at 8 ft above streambed, mid constituents at 6 ft above streambed and bottom constituents, 2 ft above streambed. Beginning in June 1996, top constituents were monitored at 8 ft above streambed and bottom constituents, 2 ft above streambed. Salinity and dissolved oxygen, percent saturation are computed. The salinity is computed from specific conductance using the conversion from U.S. Geological Survey Water-Supply Paper 2311. The dissolved oxygen percent saturation is computed using a barometric pressure of 760mm of Hg beginning October 1, 2000.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY(TOP), ppt	23.6, August 28, 2002	<0.1, on many days during the period
SALINITY(BOTTOM), ppt	27.8, August 18, 2002	<0.1, on many days during the period
pH(TOP), standard units	10.4, April 19, 1999	4.3, June 13, 1997
pH(BOTTOM), standard units	9.3, March 12, 13, 14, 16-20, 1999	5.7, April 21, 2004
WATER TEMPERATURE (TOP), °C	32.7, July 27, 2005	0.2, January 25, 2003
WATER TEMPERATURE (BOTTOM), °C	31.4, July 29, 1999, July 28, 2005	0.8, January 25, 2003
DISSOLVED OXYGEN (TOP), mg/L	20.7, April 10, 1991	< 1.0, on many days during the period
DISSOLVED OXYGEN (BOTTOM), mg/L	16.8, April 26, 1991	< 1.0, on many days during the period

EXTREMES FOR CURRENT YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY (TOP), ppt	13.5, September 11	0.9, April 11
SALINITY (BOTTOM), ppt	15.3, August 17	1.6, April 16, 17
pH (TOP), standard units	9.1, December 7	6.8, June 11, 12
pH (BOTTOM), standard units	8.7, October 24, 27, December 19, Febuary 17	6.7, May 12, 20, 29, 30
WATER TEMPERATURE (TOP), °C	32.7, July 27	2.4, January 29
WATER TEMPERATURE (BOTTOM), °C	31.4, July 28	2.5, January 29
DISSOLVED OXYGEN (TOP), mg/L	16.0, December 31	0.1, August 8
DISSOLVED OXYGEN (BOTTOM), mg/L	13.4, February 2	0.0, on several days during the year
DISSOLVED OXYGEN, PERCENT SATURATION (TOP),%	154, August 3	1, August 8
DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM),%	129, September 23	0, on several days during the year

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, TOP
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.0	3.2	4.6	8.8	6.7	7.0	9.7	7.2	8.3	7.6	5.6	6.2
2	4.2	2.5	3.2	8.6	6.8	7.4	8.3	8.0	8.2	9.3	5.3	6.9
3	4.9	2.5	2.9	9.0	7.3	7.9	8.1	7.5	7.8	9.3	5.3	7.6
4	5.2	2.7	3.6	10.2	8.6	9.3	7.5	6.6	7.1	8.6	3.4	5.0
5	3.2	2.5	2.8	9.8	9.1	9.4	6.7	4.6	5.7	7.5	4.4	6.0
6	3.7	2.8	3.1	9.5	9.1	9.2	6.2	4.8	5.4	11.8	6.5	9.4
7	4.6	3.2	3.7	9.5	8.9	9.2	10.6	3.9	6.2	11.8	9.1	10.7
8	5.0	3.2	4.0	9.3	7.9	8.6	9.7	5.1	7.9	12.2	10.9	11.7
9	5.0	3.2	3.5	9.2	8.6	8.9	9.5	6.8	8.4	12.0	11.7	11.9
10	4.1	3.1	3.3	9.2	8.6	8.8	9.5	6.4	8.8	12.0	8.6	11.1
11	4.2	3.1	3.3	9.1	8.9	9.0	9.6	7.1	8.5	11.9	8.3	10.7
12	3.4	2.6	3.0	9.7	8.9	9.2	8.5	6.0	8.0	11.9	8.0	10.2
13	5.2	2.6	3.9	9.5	8.8	9.1	7.5	6.0	6.9	12.0	9.3	11.3
14	5.2	3.9	4.4	9.7	8.5	9.0	7.6	6.9	7.2	12.0	10.6	11.6
15	5.7	4.0	4.4	8.5	7.5	7.9	7.2	6.5	6.9	12.0	11.1	11.5
16	7.2	4.5	5.9	8.1	6.8	7.2	7.5	6.8	7.1	11.9	8.2	9.9
17	5.9	4.3	4.9	8.3	7.1	7.8	7.8	7.3	7.5	9.2	7.6	8.3
18	6.7	4.3	5.4	8.0	6.2	6.8	8.6	7.3	7.8	9.6	8.2	8.9
19	9.8	5.5	7.2	10.0	5.8	7.7	8.3	7.2	7.6	9.8	8.0	8.8
20	8.1	6.0	6.9	10.9	6.4	9.2	10.6	7.0	8.2	9.3	7.5	8.4
21	6.7	6.1	6.4	11.3	7.1	9.0	9.5	7.7	8.5	8.6	7.1	7.8
22	7.2	5.9	6.3	11.1	7.5	9.0	9.7	8.1	8.9	8.6	7.3	7.8
23	6.5	5.1	5.8	9.5	8.6	9.0	9.8	8.9	9.4	8.4	7.0	7.7
24	5.9	4.8	5.3	9.3	8.8	9.1	9.7	9.0	9.3	7.5	6.4	6.9
25	6.5	5.0	5.6	11.8	8.8	9.8	9.7	7.8	9.1	9.2	7.1	7.8
26	7.3	5.1	6.3	10.1	8.5	9.4	8.5	6.3	7.6	8.5	7.8	8.0
27	7.3	5.5	6.4	8.8	8.0	8.3	7.6	5.8	6.6	8.5	8.0	8.2
28	6.7	6.2	6.4	8.8	7.4	7.9	9.1	6.0	7.6	8.4	6.5	7.5
29	7.5	6.6	7.0	9.4	7.8	8.5	8.3	6.1	7.6	7.0	4.4	5.6
30	7.1	6.7	6.9	8.3	7.6	7.9	8.7	5.6	6.7	7.6	5.6	6.3
31	7.1	6.7	6.9	---	---	---	8.6	5.8	7.2	6.9	6.2	6.7
MONTH	9.8	2.5	4.9	11.8	5.8	8.6	10.6	3.9	7.7	12.2	3.4	8.6
		FEBRUARY			MARCH			APRIL			MAY	
1	6.6	5.7	5.9	8.3	7.0	7.6	6.0	1.4	2.8	9.1	7.1	8.2
2	6.2	5.1	5.8	7.6	7.1	7.4	7.2	2.1	4.0	8.9	8.1	8.4
3	6.7	5.3	5.6	7.5	6.4	6.9	4.3	2.2	2.7	8.8	8.0	8.4
4	5.8	4.3	4.9	6.7	5.8	6.2	4.1	2.1	2.6	9.0	7.6	8.9
5	5.5	4.1	4.7	7.2	5.9	6.6	4.9	1.6	2.5	9.8	9.0	9.3
6	5.7	4.5	5.0	7.1	5.5	6.1	3.8	1.6	2.1	10.8	6.4	9.2
7	5.2	4.5	4.8	7.3	5.4	6.1	6.2	1.4	3.2	8.3	6.3	7.1
8	6.4	4.9	5.5	9.5	6.2	7.6	5.6	2.3	3.8	7.7	5.6	6.5
9	7.3	4.9	5.5	8.0	7.1	7.4	5.6	3.0	4.1	7.6	5.4	6.1
10	8.8	4.8	5.7	7.9	6.6	7.3	3.8	1.6	2.2	7.7	6.7	7.2
11	9.1	5.4	7.2	7.9	6.1	6.8	2.6	0.9	1.6	7.3	5.9	6.6
12	9.1	7.4	7.9	8.0	7.0	7.5	4.6	2.4	3.5	6.5	5.1	5.7
13	9.7	6.2	7.4	8.1	6.4	7.6	4.8	2.8	4.1	7.1	5.8	6.6
14	9.5	7.3	8.1	8.2	7.6	7.9	5.7	3.7	4.6	6.7	5.3	6.1
15	8.1	7.1	7.5	8.0	4.4	6.7	7.9	2.7	4.3	5.7	3.6	4.9
16	7.9	5.4	7.0	8.0	4.9	6.7	4.1	1.5	2.6	6.2	4.3	5.3
17	7.8	5.2	6.0	9.0	6.2	7.7	2.7	1.1	1.6	6.8	5.5	6.2
18	8.0	5.3	6.1	6.4	3.8	5.0	2.3	1.5	1.9	6.7	5.8	6.1
19	7.9	5.5	6.4	6.4	3.7	5.1	3.0	1.2	1.7	6.2	5.2	5.6
20	8.0	6.2	7.0	5.0	3.8	4.5	4.5	1.5	2.4	5.9	4.9	5.5
21	8.1	6.8	7.5	6.1	3.4	3.8	8.0	2.6	3.9	6.4	5.3	5.6
22	8.3	7.8	8.0	6.5	4.0	5.4	8.0	3.6	5.6	5.7	4.2	4.6
23	8.8	8.1	8.3	5.9	4.7	5.4	11.3	6.7	9.3	5.2	4.2	4.7
24	9.0	8.2	8.6	5.9	4.9	5.4	8.9	5.9	7.8	5.9	4.2	4.9
25	8.5	7.5	8.0	6.2	4.5	5.5	8.6	6.7	7.4	5.6	4.0	4.5
26	7.7	7.0	7.4	5.6	4.5	5.0	10.1	4.5	7.3	5.0	3.7	4.2
27	8.9	7.1	7.7	5.2	3.7	4.5	8.1	5.9	6.9	5.0	3.7	4.4
28	10.2	7.5	8.6	5.0	3.4	4.1	8.1	6.4	7.3	5.4	4.3	4.9
29	---	---	---	4.2	3.3	3.6	8.0	5.9	6.8	5.3	4.2	4.6
30	---	---	---	5.1	2.9	3.6	10.0	7.3	8.1	5.7	3.8	4.2
31	---	---	---	4.4	1.6	3.4	---	---	---	6.2	4.1	5.3
MONTH	10.2	4.1	6.7	9.5	1.6	5.9	11.3	0.9	4.3	10.8	3.6	6.1

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, TOP—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.0	5.2	6.2	9.2	7.3	7.9	9.6	9.0	9.3	10.5	10.2	10.3
2	7.6	5.2	6.3	9.0	7.6	8.0	9.1	7.5	8.4	10.5	10	10.2
3	5.9	4.9	5.3	9.3	8.1	8.6	9.1	6.8	7.9	11.1	9.6	10.1
4	6.0	4.5	5.2	9.5	8.6	9.0	7.6	5.4	6.7	11.2	10.7	11.0
5	7.1	4.1	4.9	9.2	8.3	8.7	8.6	5.8	6.8	12.0	10.8	11.4
6	6.2	4.6	5.3	9.2	7.8	8.2	9.5	6.9	8.0	13.0	11.5	12.3
7	8.6	4.4	5.8	8.2	7.1	7.8	9.9	7.2	8.5	13.1	11.1	11.8
8	8.5	4.9	6.0	9.2	6.5	7.6	9.8	7.9	8.9	11.8	10.8	11.3
9	9.8	6.8	8.2	8.5	6.8	7.5	8.7	7.0	7.8	11.7	10.6	11.1
10	9.9	8.0	8.8	8.8	7.3	7.8	7.8	6.6	7.2	13.3	11.1	12.4
11	9.0	7.0	8.3	8.1	6.8	7.3	8.0	6.1	6.7	---	---	---
12	8.8	6.7	7.7	7.8	6.4	6.9	10.0	5.8	7.1	---	---	---
13	8.6	6.7	7.2	9.8	6.2	7.4	9.7	5.9	8.0	---	---	---
14	7.3	6.3	6.8	9.8	8.2	9.0	10.2	7.3	8.2	---	---	---
15	7.5	5.9	6.7	9.8	8.3	8.8	9.5	5.5	7.0	---	---	---
16	8.8	5.6	7.3	9.1	8.5	8.8	10.2	5.2	6.9	---	---	---
17	9.4	6.4	7.9	9.7	8.0	8.6	9.3	5.3	6.4	---	---	---
18	9.2	7.1	8.2	9.7	7.6	8.3	8.1	5.5	6.9	---	---	---
19	10.1	9.1	9.6	9.0	7.5	8.1	8.5	7.9	8.2	---	---	---
20	10.1	9.0	9.6	8.5	7.0	7.5	10	7.5	8.0	---	---	---
21	9.6	6.5	8.1	8.6	6.7	7.8	9.2	7.5	8.0	11.0	9.2	10.3
22	8.1	6.7	7.5	9.5	7.5	8.4	10	7.4	8.3	11.0	10.4	10.7
23	9.3	8.0	8.4	9.9	7.6	8.8	11.4	7.6	8.4	10.7	9.2	9.8
24	9.5	8.7	9.2	9.8	8.8	9.1	9.8	7.7	8.7	10.6	8.8	9.5
25	9.8	9.0	9.4	9.7	8.9	9.3	10.9	9.3	10.3	11.8	10.6	11.2
26	9.5	7.9	8.7	9.8	8.7	9.2	11.5	10.6	11.0	10.7	10.0	10.4
27	9.3	8.0	8.3	9.4	7.8	8.6	11.5	9.5	10.5	10.7	9.6	10.2
28	9.9	8.1	8.5	9.5	7.6	8.4	11.3	9.8	10.7	11.1	10.7	11.0
29	10.2	8.2	9.0	10.2	9.5	9.9	11.3	9.9	10.6	11.1	9.7	10.3
30	9.2	7.5	8.2	10.1	9.4	9.8	10.8	9.3	9.9	11.3	9.8	10.7
31	---	---	---	9.8	9.2	9.5	10.4	9.7	10.1	---	---	---
MONTH	10.2	4.1	7.6	10.2	6.2	8.4	11.5	5.2	8.4	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, BOTTOM
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.1	2.3	5.2	11.8	8.9	10.3	10.6	7.8	9.2	12.1	9.5	10.8
2	6.5	2.3	4.8	11.7	8.6	10.9	9.2	8.0	8.4	12.4	10.3	11.6
3	7.1	3.2	5.9	12.4	8.0	10.7	9.0	7.7	8.1	12.5	9.5	11.4
4	8.2	2.8	6.3	11.5	8.9	9.9	9.8	7.5	9.0	13.1	10.5	12.5
5	8.3	3.2	6.8	9.9	9.0	9.5	10.2	7.9	9.3	13.4	10.9	12.8
6	7.0	3.1	4.2	10.2	9.0	9.4	12.0	9.4	11.0	14.1	11.7	13.2
7	7.0	3.2	4.1	9.6	8.9	9.2	12.2	9.2	11.7	14.1	10.7	12.4
8	5.4	3.3	4.2	10.1	8.0	9.1	11.5	8.5	10.4	13.3	11.5	12.1
9	5.1	3.3	4.0	10.7	8.6	9.0	11.4	9.9	10.8	12.1	11.7	11.9
10	5.8	3.2	3.9	10.7	8.5	9.0	12.2	8.5	10.3	12.0	11.2	11.7
11	6.0	3.2	4.2	9.4	8.8	9.0	11.7	8.4	9.4	12.0	10.9	11.7
12	5.7	3.6	4.7	10.4	9.0	9.5	9.5	7.1	8.3	12.0	11.1	11.6
13	8.2	3.8	6.1	9.5	8.8	9.2	11.3	7.0	7.7	12.1	11.5	11.8
14	10.6	4.2	6.8	9.6	8.5	9.1	8.4	7.0	7.4	11.8	10.7	11.5
15	12.1	5.0	9.5	9.1	7.8	8.3	9.0	6.4	7.2	11.8	10.9	11.4
16	8.5	5.0	6.9	10.4	7.6	8.9	11.2	6.9	8.5	12.0	8.8	10.3
17	10.9	4.7	7.0	10.4	8.4	9.5	12.4	8.6	10.6	10.4	7.7	9.0
18	12.0	8.0	10.2	11.1	8.2	10.3	12.4	7.8	9.8	11.1	8.4	9.8
19	12.2	6.9	10.5	11.7	10.4	11.0	11.9	7.3	9.6	12.1	8.5	9.9
20	13.0	7.7	10.7	12.4	10.6	11.7	10.7	7.0	8.7	11.3	8.1	9.6
21	7.7	6.2	6.8	12.8	11.2	12.2	10.2	8.5	9.3	11.4	7.6	9.5
22	8.5	5.9	6.5	12.7	10.0	11.4	10.7	9.0	9.8	9.9	7.2	8.5
23	8.1	5.1	6.2	12.1	9.5	10.7	10.7	9.1	9.8	8.4	6.9	7.6
24	7.6	5.4	6.4	11.7	9.2	10.5	10	9.2	9.4	9.3	6.4	7.5
25	8.8	6.5	7.8	12.6	9.0	10.1	10.2	8.0	9.4	9.8	7.1	8.5
26	8.1	6.7	7.4	10.6	9.0	9.7	8.5	6.4	7.7	9.8	8.0	9.0
27	7.8	6.6	7.4	10.6	8.1	9.7	10.0	6.4	8.0	10.0	7.9	8.4
28	9.4	7.2	8.1	10.5	7.5	9.0	10.7	7.1	9.1	8.9	6.4	7.7
29	8.3	7.1	7.7	10.4	8.3	9.3	10.1	7.1	8.5	9.2	5.2	7.7
30	9.2	7.0	7.8	10.4	7.8	9.0	10.5	7.1	9.7	9.0	5.7	7.4
31	10.9	7.0	9.0	---	---	---	11.3	9.5	10.3	8.6	6.4	6.9
MONTH	13.0	2.3	6.7	12.8	7.5	9.8	12.4	6.4	9.2	14.1	5.2	10.2
		FEBRUARY			MARCH			APRIL			MAY	
1	7.7	5.6	6.2	8.9	7.0	7.8	8.9	4.7	6.2	9.7	7.7	8.7
2	7.5	5.4	6.0	7.8	7.2	7.4	9.2	2.3	4.8	9.3	8.5	8.9
3	7.3	5.3	6.0	8.6	6.5	7.1	5.5	2.2	2.9	9.2	8.2	8.6
4	6.2	4.4	5.0	9.5	6.1	8.2	5.1	2.6	3.3	9.2	8.8	9.0
5	7.8	4.7	6.2	10.2	6.5	7.6	7.6	3.5	5.4	9.8	9.0	9.3
6	7.3	4.9	6.0	8.6	5.7	6.8	8.2	3.0	5.9	10.7	6.3	9.2
7	7.8	5.5	6.2	11.2	6.1	7.5	9.8	7.0	8.0	9.0	6.2	7.7
8	7.8	5.7	6.5	9.7	6.5	7.9	9.8	4.1	6.9	8.4	6.4	7.3
9	11.4	6.8	8.9	8.3	7.1	7.5	6.5	3.3	4.6	8.4	5.9	7.5
10	11.6	5.4	8.7	8.3	6.8	7.5	6.8	2.4	4.0	8.3	7.1	7.6
11	11.1	5.5	8.7	8.1	6.3	7.2	7.5	2.8	4.8	7.8	6.7	7.2
12	12.3	7.7	9.2	8.1	7.1	7.7	6.5	2.8	4.1	8.6	5.7	7.0
13	12.8	8.1	11.0	9.2	7.3	8.1	5.0	3.1	4.2	7.6	6.1	6.7
14	11.4	8.4	9.7	8.8	7.8	8.0	5.7	3.7	4.6	7.3	5.8	6.5
15	11.3	8.9	9.8	8.2	6.4	7.7	7.8	2.8	4.4	8.4	5.5	6.8
16	12.4	7.5	10.4	8.6	6.4	7.3	4.1	1.6	2.9	8.9	5.3	6.8
17	11.6	6.0	8.3	9.7	6.5	7.9	4.6	1.6	2.9	6.7	5.6	6.2
18	9.5	5.6	7.5	7.5	5.2	6.4	7.6	2.0	4.3	6.6	5.9	6.2
19	12.7	6.8	8.3	7.5	5.6	6.6	10.4	5.7	8.6	6.3	5.3	5.8
20	10.5	7.1	8.5	8.4	4.8	6.5	11.5	9.3	10.7	6.7	5.1	5.7
21	11.3	7.1	8.4	9.8	4.5	7.7	11.6	4.0	10	6.5	5.3	5.7
22	12.2	7.9	8.6	9.6	4.9	6.4	12.7	7.9	10.6	6.3	4.2	5.0
23	10	8.1	8.4	7.5	5.2	5.7	13.2	7.9	10.9	6.8	4.2	5.1
24	9.2	8.2	8.7	6.5	5.2	5.8	10.6	7.2	8.4	7.2	4.3	5.5
25	8.5	7.5	8.1	6.4	5.3	5.8	8.6	6.7	7.6	6.6	4.2	5.2
26	8.6	7.3	7.7	6.0	4.9	5.3	12.4	6.7	9.7	6.4	3.7	5.0
27	8.9	7.1	8.0	5.8	4.2	4.9	12.4	7.1	9.2	6.7	4.4	5.2
28	10.2	7.5	8.7	6.4	3.5	4.6	9.8	7.0	8.1	8.0	4.5	5.8
29	---	---	---	4.5	3.3	3.8	12.0	6.4	8.4	8.4	4.6	6.5
30	---	---	---	6.4	3.7	5.1	11.6	7.7	9.7	9.1	6.4	7.8
31	---	---	---	5.3	3.4	4.2	---	---	---	7.8	4.7	6.0
MONTH	12.8	4.4	8.0	11.2	3.3	6.7	13.2	1.6	6.5	10.7	3.7	6.8

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, BOTTOM—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.3	5.1	6.2	11.8	7.9	10.4	9.8	9.0	9.3	11.1	10.4	10.6
2	7.3	5.1	6.3	11.5	9.2	10.5	10	8.3	9.1	12.0	10.2	10.9
3	6.9	5.4	6.0	11.8	8.1	9.6	9.7	7.8	8.6	12.5	9.7	10.6
4	8.5	5.6	7.1	10.6	8.7	9.5	10.6	7.6	9.0	11.3	10.8	11.1
5	10.2	7.6	8.9	9.8	8.5	9.1	10.7	9.2	10.1	12.2	10.9	11.5
6	11.4	8.3	10.4	9.8	8.1	8.7	11.2	9.8	10.5	13.1	12.0	12.6
7	11.7	8.3	11.0	10.5	7.8	9.0	12.0	9.6	10.9	13.3	11.3	12.0
8	12.0	10.2	11.5	10.6	7.0	8.7	10.4	8.8	9.6	12.3	11.0	11.6
9	12.1	10.9	11.8	11.4	7.0	8.8	10.1	8.4	9.3	11.7	10.6	11.2
10	12.2	10	11.3	10.6	7.5	9.4	11.2	7.6	9.5	13.3	11.7	12.6
11	11.5	8.3	9.9	11.7	9.1	10.8	12.2	8.8	10.6	---	---	---
12	10.4	8.6	9.4	12.8	9.2	10.9	13.3	10.1	12.5	---	---	---
13	12.7	9.0	10.5	12.8	7.1	9.2	13.7	10.9	12.8	---	---	---
14	12.6	8.5	10.8	10	8.8	9.5	14.0	10.9	13.3	---	---	---
15	14.2	9.9	12.6	10.5	8.6	9.2	14.2	10.4	13.3	---	---	---
16	14.5	8.4	12.2	11.1	8.8	9.7	15.0	12.5	14.1	---	---	---
17	13.0	7.8	10.1	12.5	8.5	10	15.3	8.8	13.3	---	---	---
18	12.7	8.3	10	12.6	8.7	10.2	14.0	9.2	12.1	---	---	---
19	10.8	9.2	9.7	13.5	8.8	10.5	13.2	8.8	10.4	---	---	---
20	10.4	8.9	9.8	13.0	7.3	9.5	13.7	9.0	10.9	---	---	---
21	10.5	8.2	9.0	12.9	7.8	9.8	14.0	9.8	11.8	12.6	9.9	11.3
22	11.5	7.6	9.1	13.1	8.1	10.4	14.6	9.8	12.1	11.7	10.4	10.9
23	11.1	8.0	9.2	12.3	8.1	10.6	14.8	10.2	13.1	11.5	9.8	10.6
24	9.6	8.8	9.2	11.6	9.0	10.1	15.0	8.9	11.9	11.8	9.4	10.3
25	9.8	9.0	9.4	11.3	9.3	9.8	12.2	10.0	10.7	11.8	10.6	11.3
26	10.9	8.0	9.2	11.7	9.3	10.0	11.5	10.6	11.0	11.6	10.4	10.8
27	10.8	9.5	10.2	12.4	9.2	10.8	11.5	9.5	10.7	11.5	9.8	10.5
28	11.2	9.6	10.6	12.8	9.1	11.2	11.6	10.0	10.8	11.5	10.7	11.0
29	11.2	8.4	10.4	10.7	9.6	10.1	11.3	10.2	10.8	11.2	10.1	10.6
30	11.7	7.9	10.0	10.2	9.5	9.9	11.7	9.9	10.6	11.3	10.1	10.8
31	---	---	---	11.0	9.2	9.6	11.7	10.0	10.7	---	---	---
MONTH	14.5	5.1	9.7	13.5	7.0	9.9	15.3	7.6	11.1	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, TOP
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.7	7.0	7.3	8.7	7.7	8.5	8.4	7.9	8.2	9.0	8.2	8.7
2	7.4	7.0	7.2	8.6	7.5	8.3	8.4	8.0	8.2	8.8	7.9	8.4
3	7.5	7.1	7.3	8.3	7.8	8.1	8.3	8.0	8.2	8.9	7.9	8.5
4	7.8	7.0	7.3	8.0	7.6	7.8	8.8	8.3	8.6	9.0	7.9	8.7
5	7.8	7.1	7.4	8.0	7.5	7.7	9.0	8.6	8.8	8.9	8.4	8.7
6	7.5	7.0	7.2	8.0	7.6	7.8	8.9	8.6	8.8	8.8	7.9	8.3
7	8.2	7.0	7.6	8.1	7.6	7.9	9.1	7.6	8.6	8.3	7.8	8.1
8	8.2	7.5	7.9	8.0	7.9	7.9	8.8	8.0	8.2	8.2	7.9	8.1
9	8.5	7.5	7.9	8.0	7.8	7.9	8.7	7.7	8.0	8.2	8.0	8.0
10	8.3	7.6	8.0	8.0	7.8	7.9	8.4	7.6	8.0	8.1	7.7	7.9
11	8.6	7.8	8.1	8.0	7.7	7.9	8.4	8.0	8.1	8.1	7.7	7.9
12	8.7	8.0	8.4	8.0	7.7	7.8	8.5	8.0	8.2	8.1	7.8	7.9
13	8.5	7.7	8.1	7.9	7.7	7.8	8.5	8.2	8.4	8.1	7.7	7.8
14	8.1	7.6	7.9	7.9	7.7	7.8	8.6	8.3	8.5	7.7	7.5	7.6
15	8.2	7.8	8.0	8.0	7.8	7.9	8.5	8.0	8.3	7.7	7.6	7.6
16	8.2	7.5	7.8	8.1	7.8	8.0	8.7	8.2	8.4	7.6	7.5	7.6
17	8.6	7.8	8.2	8.3	7.9	8.1	8.7	8.3	8.5	7.7	7.5	7.6
18	8.6	7.9	8.2	8.6	8.1	8.3	8.7	8.3	8.6	7.7	7.6	7.7
19	8.3	7.6	7.9	8.6	7.7	8.2	8.9	8.6	8.8	7.9	7.6	7.8
20	8.5	7.8	8.1	8.3	7.5	7.9	8.8	8.0	8.3	8.0	7.7	7.9
21	8.3	8.1	8.2	8.4	7.7	8.0	8.3	8.0	8.1	8.0	7.9	7.9
22	8.4	8.1	8.3	8.4	7.6	8.1	8.3	8.0	8.1	8.0	7.8	7.9
23	8.6	8.2	8.4	8.4	8.1	8.3	8.3	8.0	8.1	7.8	7.6	7.7
24	8.7	8.0	8.3	8.4	8.0	8.2	8.1	8.0	8.0	7.7	7.6	7.6
25	8.7	8.0	8.3	8.1	7.3	7.8	8.1	7.9	8.0	7.9	7.7	7.7
26	8.5	8.0	8.2	8.0	7.7	7.9	8.0	7.8	7.9	7.9	7.7	7.8
27	8.8	7.9	8.2	8.2	7.9	8.0	8.1	7.8	7.9	7.9	7.8	7.8
28	8.9	8.0	8.3	8.2	8.0	8.1	8.3	7.9	8.1	7.9	7.7	7.8
29	8.5	7.7	8.1	8.3	8.0	8.2	8.4	8.1	8.2	7.8	7.6	7.7
30	8.6	8.1	8.4	8.4	8.2	8.3	8.6	8.1	8.3	7.9	7.8	7.8
31	8.7	7.8	8.3	---	---	---	9.0	8.0	8.4	7.9	7.8	7.8
MONTH	8.9	7.0	8.0	8.7	7.3	8.0	9.1	7.6	8.3	9.0	7.5	7.9
		FEBRUARY			MARCH			APRIL			MAY	
1	7.9	7.8	7.9	8.2	8.0	8.1	8.6	7.6	8.1	7.8	7.3	7.5
2	8.2	7.8	8.0	8.1	8.0	8.0	8.0	7.2	7.6	7.7	7.2	7.4
3	8.3	8.0	8.2	8.1	7.9	8.0	7.6	7.4	7.5	7.8	7.3	7.5
4	8.2	8.0	8.1	8.6	8.0	8.3	7.9	7.5	7.6	7.4	7.2	7.3
5	8.3	7.9	8.1	8.5	8.3	8.4	8.5	7.4	8.0	7.5	7.1	7.3
6	8.6	8.0	8.3	8.7	8.4	8.5	8.7	7.8	8.3	7.8	7.4	7.6
7	8.6	8.3	8.4	8.7	8.4	8.6	8.3	7.5	8.1	8.0	7.6	7.7
8	8.7	8.1	8.5	8.4	7.7	8.0	8.6	7.5	7.9	8.6	7.7	8.1
9	8.6	8.1	8.5	8.3	7.8	8.0	8.4	7.9	8.1	8.7	8.0	8.5
10	8.6	8.1	8.4	8.3	7.9	8.1	8.5	7.7	8.2	8.5	7.9	8.3
11	8.3	8.0	8.1	8.4	8.0	8.2	8.8	7.8	8.3	8.4	7.8	8.1
12	8.2	7.9	8.1	8.3	7.9	8.0	8.6	7.8	8.2	8.8	8.1	8.5
13	8.4	8.0	8.2	8.3	8.0	8.1	8.0	7.5	7.7	8.2	7.2	7.7
14	8.3	8.2	8.3	8.2	8.0	8.1	7.8	7.5	7.6	8.3	7.3	7.8
15	8.6	8.2	8.4	8.8	8.0	8.3	7.8	7.6	7.6	9.0	8.0	8.4
16	8.7	8.4	8.6	8.6	7.9	8.2	7.8	7.5	7.6	8.7	7.3	8.1
17	8.7	8.5	8.6	7.9	7.7	7.8	8.1	7.5	7.7	8.0	7.5	7.8
18	8.6	8.5	8.6	8.4	7.8	8.1	8.9	7.7	8.3	8.0	7.3	7.6
19	8.7	8.5	8.6	8.3	8.0	8.2	8.9	8.0	8.4	8.1	7.4	7.7
20	8.7	8.5	8.6	8.8	8.1	8.4	8.9	7.7	8.3	7.7	7.0	7.4
21	8.7	8.5	8.6	8.7	8.0	8.5	8.6	7.5	8.1	7.6	7.3	7.4
22	8.6	8.4	8.5	8.7	8.1	8.3	8.2	7.5	7.9	8.5	7.3	8.0
23	8.5	8.4	8.5	8.2	7.7	7.9	7.8	7.3	7.5	8.5	7.4	7.9
24	8.5	8.3	8.4	8.3	7.7	7.9	8.0	7.6	7.8	8.7	7.3	7.9
25	8.4	8.3	8.3	8.0	7.7	7.9	8.1	7.7	7.8	8.2	7.4	7.9
26	8.6	8.3	8.5	8.2	7.8	7.9	8.3	7.6	7.9	8.6	7.5	7.9
27	8.6	8.2	8.4	8.1	7.8	7.9	8.8	7.8	8.3	8.7	7.6	8.1
28	8.2	8.0	8.1	8.2	7.6	7.9	8.5	7.8	8.2	8.4	7.6	8.0
29	---	---	---	8.4	7.7	8.1	8.4	7.7	8.0	8.6	7.6	8.1
30	---	---	---	8.6	7.8	8.2	8.0	7.4	7.7	8.4	7.4	8.1
31	---	---	---	8.5	7.8	8.2	---	---	---	7.9	7.5	7.7
MONTH	8.7	7.8	8.3	8.8	7.6	8.1	8.9	7.2	7.9	9.0	7.0	7.8

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, TOP—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.7	7.4	7.6	8.2	7.4	7.8	8.1	7.3	7.7	8.3	7.5	7.9
2	7.6	7.4	7.5	8.4	7.8	8.1	8.3	7.7	8.0	8.3	7.7	7.9
3	8.1	7.4	7.6	8.2	7.7	8.0	8.7	7.6	8.2	8.1	7.7	8.0
4	8.6	7.4	7.9	8.1	7.6	7.9	8.6	8.0	8.3	8.0	7.8	7.9
5	8.6	7.6	8.1	7.9	7.6	7.8	8.4	7.9	8.3	8.1	7.9	8.0
6	8.5	7.2	7.9	8.0	7.3	7.7	8.4	7.2	7.9	8.1	8.0	8.0
7	8.6	6.9	7.9	8.2	7.6	7.9	8.3	7.2	7.8	8.1	7.9	8.0
8	8.4	7.3	7.8	8.0	7.2	7.8	7.7	6.9	7.0	8.0	7.9	8.0
9	7.6	7.0	7.3	8.2	7.7	7.9	7.7	6.9	7.2	8.1	7.9	8.0
10	7.4	7.0	7.2	8.4	7.5	8.0	8.6	7.2	8.0	8.0	7.9	8.0
11	7.7	6.8	7.1	8.4	7.8	8.2	8.6	7.4	8.2	---	---	---
12	7.6	6.8	7.2	8.4	7.9	8.2	8.5	7.3	8.1	---	---	---
13	7.7	7.0	7.4	8.3	7.2	7.9	8.4	7.2	7.9	---	---	---
14	7.8	7.2	7.4	8.1	7.2	7.5	8.4	7.0	7.7	---	---	---
15	7.9	7.2	7.5	8.3	7.2	7.7	8.3	7.2	7.8	---	---	---
16	8.0	7.0	7.4	8.4	7.5	7.9	8.3	7.2	7.9	---	---	---
17	7.7	7.0	7.4	8.5	7.4	8.0	8.4	7.5	8.0	---	---	---
18	7.9	7.3	7.6	8.5	7.4	8.0	8.5	7.8	8.2	---	---	---
19	7.6	7.3	7.4	8.2	7.7	8.0	8.8	8.1	8.4	---	---	---
20	7.8	7.4	7.6	8.3	7.7	8.0	8.7	7.7	8.4	---	---	---
21	8.0	7.5	7.7	8.3	7.6	8.0	8.6	8.0	8.4	8.2	7.7	8.0
22	8.3	7.6	7.9	8.2	7.5	7.9	8.7	7.9	8.3	8.3	7.9	8.0
23	8.1	7.8	8.0	8.5	7.4	8.0	8.5	7.2	8.2	8.4	7.7	8.0
24	8.0	7.7	7.8	8.2	7.7	8.0	8.3	7.9	8.1	8.2	7.9	8.0
25	7.9	7.4	7.6	8.5	7.6	8.0	8.1	7.8	7.9	8.0	7.8	7.9
26	8.0	7.3	7.6	8.4	7.5	8.0	8.0	7.7	7.8	8.0	7.7	7.8
27	8.0	7.6	7.8	8.6	7.5	8.2	7.9	7.4	7.7	7.9	7.5	7.8
28	8.2	7.6	7.9	8.3	7.9	8.2	7.9	7.3	7.6	7.9	7.4	7.7
29	8.2	7.3	7.7	8.0	7.2	7.5	7.8	7.3	7.5	8.1	7.6	7.8
30	8.3	7.4	7.6	7.6	7.3	7.5	8.2	7.4	7.7	7.9	7.6	7.8
31	---	---	---	8.0	7.4	7.8	8.3	7.6	7.9	---	---	---
MONTH	8.6	6.8	7.6	8.6	7.2	7.9	8.8	6.9	7.9	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, BOTTOM
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.2	7.4	7.7	7.5	7.0	7.1	8.3	7.3	7.8	7.7	7.3	7.4
2	7.6	7.3	7.4	7.5	7.0	7.1	8.3	7.7	8.0	7.6	7.3	7.4
3	7.4	7.1	7.3	8.0	7.0	7.3	8.2	7.8	8.1	7.4	7.3	7.3
4	7.4	7.0	7.1	7.7	7.1	7.5	8.3	7.7	7.9	7.4	7.2	7.3
5	7.7	6.9	7.1	7.9	7.5	7.6	8.2	7.5	7.7	7.6	7.2	7.4
6	8.1	6.9	7.4	7.9	7.3	7.6	8.2	7.4	7.6	8.0	7.3	7.6
7	8.0	7.1	7.5	8.0	7.6	7.8	8.0	7.3	7.5	8.2	7.4	7.7
8	8.1	7.3	7.8	7.9	7.6	7.8	8.0	7.5	7.7	8.1	7.5	7.9
9	7.8	7.2	7.6	7.9	7.7	7.8	7.7	7.3	7.5	8.1	7.9	8.0
10	8.1	7.2	7.6	7.9	7.6	7.8	8.2	7.3	7.7	8.0	7.7	7.9
11	8.3	7.3	7.8	7.9	7.6	7.8	8.3	7.5	7.9	8.0	7.6	7.7
12	7.9	7.5	7.6	7.9	7.4	7.6	8.4	7.8	8.1	7.9	7.6	7.7
13	8.0	7.3	7.6	7.8	7.6	7.7	8.5	7.8	8.2	7.8	7.6	7.7
14	7.8	7.2	7.5	7.8	7.6	7.7	8.5	8.1	8.3	7.7	7.5	7.7
15	8.0	7.4	7.6	7.8	7.6	7.7	8.5	7.9	8.1	7.6	7.5	7.5
16	8.0	7.6	7.8	7.8	7.5	7.7	8.3	7.6	8.0	7.6	7.5	7.5
17	8.1	7.4	7.7	8.0	7.5	7.7	8.1	7.4	7.7	7.6	7.5	7.6
18	7.7	7.4	7.5	8.0	7.4	7.5	8.5	7.4	8.0	7.7	7.5	7.6
19	7.9	7.4	7.5	7.5	7.4	7.5	8.7	7.3	8.1	7.8	7.4	7.6
20	7.7	7.4	7.5	7.6	7.4	7.4	8.5	7.9	8.2	7.9	7.5	7.7
21	8.3	7.7	7.9	7.6	7.4	7.5	8.1	7.8	8.0	7.9	7.5	7.7
22	8.5	7.9	8.2	7.8	7.4	7.5	8.0	7.6	7.8	7.9	7.5	7.7
23	8.6	7.7	8.2	8.0	7.4	7.6	8.1	7.4	7.8	7.7	7.5	7.6
24	8.7	7.7	8.1	8.0	7.3	7.5	8.0	7.7	7.9	7.7	7.5	7.6
25	8.1	7.6	7.7	7.9	7.2	7.6	7.9	7.8	7.8	7.7	7.6	7.6
26	8.6	7.6	8.0	8.0	7.6	7.8	7.9	7.7	7.8	7.8	7.6	7.7
27	8.7	7.8	8.2	8.0	7.7	7.8	7.9	7.7	7.8	7.8	7.5	7.8
28	8.3	7.8	7.9	8.1	7.6	7.9	8.1	7.6	7.8	7.8	7.7	7.8
29	8.4	7.2	7.7	8.1	7.7	7.9	8.1	7.6	7.9	7.8	7.6	7.6
30	8.3	7.0	7.5	8.3	7.5	7.9	8.1	7.5	7.7	7.8	7.6	7.7
31	7.9	7.0	7.2	---	---	---	7.7	7.4	7.5	7.8	7.6	7.7
MONTH	8.7	6.9	7.7	8.3	7.0	7.6	8.7	7.3	7.9	8.2	7.2	7.6
		FEBRUARY			MARCH			APRIL			MAY	
1	7.8	7.6	7.7	8.2	8.0	8.1	8.1	7.2	7.4	7.6	7.2	7.4
2	8.2	7.7	7.9	8.1	7.9	8.0	8.0	7.4	7.7	7.4	7.1	7.2
3	8.3	8.0	8.2	8.1	7.9	8.0	7.8	7.6	7.7	7.7	7.1	7.4
4	8.2	8.0	8.1	8.4	7.9	8.0	7.7	7.4	7.6	7.4	7.1	7.2
5	8.3	8.0	8.2	8.4	7.5	8.2	8.2	7.2	7.5	7.4	7.0	7.3
6	8.6	8.1	8.3	8.6	8.0	8.4	8.4	7.2	7.5	7.6	7.4	7.4
7	8.4	7.9	8.2	8.6	7.6	8.3	7.5	7.2	7.3	7.5	7.3	7.4
8	8.4	7.9	8.2	8.4	7.7	8.0	7.7	7.2	7.3	7.8	7.2	7.5
9	8.3	7.8	7.9	8.2	7.7	7.9	8.6	7.4	8.1	8.1	7.2	7.5
10	8.5	7.8	8.1	8.3	7.9	8.1	8.5	7.6	8.1	8.3	7.0	7.8
11	8.3	8.0	8.1	8.4	8.0	8.2	8.4	7.2	7.8	8.1	7.1	7.6
12	8.2	7.9	8.1	8.3	7.9	8.1	8.4	7.5	8.0	8.4	6.7	7.5
13	8.4	7.8	8.0	8.3	7.9	8.1	8.0	7.4	7.7	7.9	7.1	7.5
14	8.3	7.8	8.2	8.2	8.1	8.1	7.8	7.5	7.6	8.0	6.9	7.4
15	8.3	7.8	8.1	8.4	8.0	8.1	7.7	7.6	7.7	7.9	6.8	7.1
16	8.6	7.5	8.0	8.5	7.7	8.2	7.8	7.4	7.6	8.2	6.8	7.3
17	8.7	7.7	8.3	8.0	7.8	7.9	7.9	7.4	7.6	8.0	7.6	7.8
18	8.6	8.1	8.5	8.1	7.8	7.9	8.1	7.3	7.6	7.9	7.2	7.5
19	8.6	7.6	8.4	8.3	7.8	8.0	7.5	7.2	7.4	8.0	6.9	7.4
20	8.6	7.8	8.4	8.3	7.6	8.0	7.4	7.3	7.3	7.6	6.7	7.1
21	8.6	7.6	8.3	8.3	7.4	7.8	7.8	7.2	7.3	7.4	7.0	7.2
22	8.6	7.4	8.3	8.5	7.4	8.2	7.7	7.2	7.3	8.3	7.0	7.6
23	8.5	8.1	8.4	8.3	7.4	7.9	7.6	7.2	7.4	8.0	6.9	7.4
24	8.4	8.2	8.3	8.3	7.8	7.9	7.9	7.4	7.6	7.9	6.9	7.3
25	8.4	8.2	8.3	8.0	7.8	7.9	7.9	7.6	7.7	7.8	6.8	7.3
26	8.4	8.0	8.3	8.3	7.8	8.0	7.9	7.1	7.5	7.9	6.9	7.3
27	8.5	8.1	8.3	8.2	7.9	8.1	8.2	7.1	7.6	7.7	6.9	7.3
28	8.2	8.0	8.1	8.4	7.5	8.0	8.1	7.4	7.8	7.8	6.8	7.2
29	---	---	---	8.5	8.0	8.2	8.1	7.0	7.7	7.5	6.7	7.0
30	---	---	---	8.3	7.6	7.8	7.8	7.0	7.4	7.1	6.7	6.9
31	---	---	---	8.6	7.4	8.1	---	---	---	7.4	6.9	7.2
MONTH	8.7	7.4	8.2	8.6	7.4	8.0	8.6	7.0	7.6	8.4	6.7	7.4

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, BOTTOM—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.2	7.0	7.1	7.8	6.9	7.2	8.2	7.4	7.8	7.9	7.4	7.7
2	7.2	6.8	7.1	7.7	7.0	7.2	8.0	7.2	7.7	7.8	7.4	7.6
3	7.2	6.8	6.9	8.1	6.9	7.6	8.2	7.1	7.7	8.1	7.2	7.8
4	7.2	6.8	6.9	7.9	7.1	7.6	8.3	7.0	7.5	8.0	7.8	7.9
5	6.9	6.8	6.9	7.8	7.1	7.6	7.8	7.0	7.2	8.1	7.9	8.0
6	7.0	6.8	6.8	7.8	7.1	7.5	7.6	7.0	7.1	8.1	8.0	8.0
7	7.0	6.8	6.9	7.9	7.0	7.4	7.8	7.0	7.2	8.1	7.9	8.0
8	7.0	6.8	6.9	8.0	7.0	7.5	7.5	6.9	7.0	8.1	7.8	8.0
9	6.9	6.8	6.9	8.1	7.1	7.4	7.2	6.9	7.0	8.1	7.8	8.0
10	6.9	6.8	6.8	8.1	7.1	7.4	7.8	6.9	7.1	8.1	8.0	8.0
11	7.1	6.8	6.8	7.4	7.1	7.2	7.3	7.0	7.1	---	---	---
12	7.1	6.8	6.9	7.5	7.0	7.2	7.2	7.1	7.2	---	---	---
13	7.0	6.8	6.9	8.1	7.1	7.5	7.2	7.0	7.2	---	---	---
14	7.1	6.9	7.0	7.9	7.2	7.4	7.3	7.1	7.2	---	---	---
15	7.0	6.8	6.9	8.0	7.1	7.4	7.3	7.1	7.2	---	---	---
16	7.3	6.8	6.9	7.9	7.0	7.4	7.3	7.2	7.2	---	---	---
17	7.4	6.8	7.1	8.2	7.0	7.4	8.0	7.1	7.3	---	---	---
18	7.8	6.8	7.2	7.9	7.0	7.5	8.1	7.2	7.3	---	---	---
19	7.6	7.1	7.4	7.9	7.0	7.4	7.9	7.2	7.5	---	---	---
20	7.8	7.4	7.6	8.0	7.1	7.6	7.8	7.1	7.4	---	---	---
21	7.8	7.1	7.5	7.9	7.0	7.4	7.8	7.1	7.3	8.0	7.3	7.7
22	7.9	7.0	7.4	7.8	7.0	7.4	7.8	7.1	7.3	8.3	7.4	7.9
23	7.9	7.0	7.5	8.1	7.1	7.3	7.5	7.0	7.2	8.4	7.6	7.9
24	7.8	7.4	7.7	7.9	7.0	7.5	8.2	7.0	7.4	8.1	7.2	7.8
25	7.7	7.1	7.5	8.0	7.0	7.6	8.0	7.2	7.7	8.1	7.6	8.0
26	7.7	7.2	7.4	8.0	7.1	7.5	8.0	7.6	7.8	8.0	7.3	7.8
27	7.6	7.2	7.3	7.8	6.8	7.2	7.9	7.2	7.6	7.9	7.3	7.8
28	7.6	7.0	7.2	8.2	6.9	7.2	7.9	6.9	7.4	7.9	7.4	7.8
29	7.7	7.0	7.2	7.6	7.1	7.4	7.8	7.3	7.5	8.0	7.6	7.7
30	7.5	6.9	7.2	7.6	7.3	7.4	7.7	6.9	7.4	7.9	7.6	7.8
31	---	---	---	8.0	7.1	7.7	8.0	7.0	7.6	---	---	---
MONTH	7.9	6.8	7.1	8.2	6.8	7.4	8.3	6.9	7.4	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, TOP
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.5	23.7	24.0	20.6	19.0	20.0	13.6	12.5	13.0	8.0	6.5	7.0
2	24.9	24.0	24.3	21.1	19.4	20.1	13.1	12.3	12.8	8.9	6.8	7.6
3	25.4	24.2	24.6	20.6	19.4	20.1	12.6	11.8	12.3	9.4	7.0	8.2
4	25.9	24.2	25.0	20.0	18.7	19.3	12.4	11.2	11.9	11.0	7.4	9.6
5	25.4	24.1	24.8	19.4	18.2	18.8	12.1	11.0	11.6	10.9	9.3	10.2
6	24.1	22.9	23.7	18.7	17.2	18.0	12.2	11.6	11.9	10.8	8.3	9.6
7	22.9	22.2	22.5	17.9	15.9	17.5	13.8	11.9	13.0	10.6	8.9	9.5
8	22.8	21.8	22.2	17.2	16.5	16.9	15.5	13.4	13.8	11.0	8.8	9.5
9	22.9	21.9	22.3	16.5	15.3	15.9	15.3	13.7	14.1	10.2	9.5	9.8
10	23.1	22.0	22.5	15.5	14.3	14.7	15.5	14.0	14.6	11.9	9.5	10.4
11	22.9	21.8	22.3	15.6	14.2	14.8	15.3	13.6	14.5	11.8	10.0	10.7
12	22.4	21.3	21.7	16.1	14.9	15.4	13.7	12.5	13.2	11.6	10.2	10.9
13	22.2	21.4	21.8	15.5	13.9	15.1	12.7	11.9	12.4	12.2	10.4	11.2
14	21.9	21.5	21.7	14.0	12.3	13.5	12.0	10.4	11.5	13.4	11.3	12.3
15	21.6	20.7	21.2	12.9	12.1	12.4	10.8	8.1	9.7	12.0	10.3	11.4
16	20.7	19.4	20.1	12.3	11.7	11.9	9.6	7.7	8.6	10.7	9.1	10.0
17	20.1	18.7	19.3	13.0	11.2	12.1	9.5	8.0	8.7	9.8	8.0	9.0
18	20.1	19.0	19.6	12.9	11.7	12.4	9.7	8.6	9.2	8.1	5.8	6.9
19	21.5	19.5	20.4	13.1	12.2	12.6	9.4	8.7	9.0	6.9	4.2	5.3
20	21.4	20.7	21.1	13.5	12.5	12.9	9.3	5.5	7.8	6.7	4.3	5.4
21	21.1	20.5	20.8	13.8	12.9	13.4	7.6	5.1	6.5	6.0	5.3	5.7
22	20.5	19.4	20.0	14.1	13.2	13.6	7.7	6.5	7.2	5.4	4.7	5.1
23	19.4	18.2	18.8	14.1	13.7	13.9	9.5	7.7	8.5	5.3	3.7	4.7
24	18.4	17.4	17.7	14.8	14.0	14.4	9.0	8.4	8.7	3.8	2.9	3.4
25	18.4	16.7	17.3	15.3	13.5	14.7	8.4	7.0	7.8	4.4	2.8	3.5
26	17.6	16.4	17.1	14.6	12.8	13.5	7.1	5.5	6.5	4.2	3.5	3.9
27	17.7	16.0	17.2	12.8	12.3	12.6	5.7	4.4	5.3	4.5	4.0	4.2
28	17.7	17.1	17.4	13.5	12.7	13.1	5.5	4.2	4.8	4.1	3.0	3.4
29	17.8	17.1	17.5	13.1	12.2	12.8	5.5	3.5	4.7	3.2	2.4	2.8
30	19.2	17.6	18.2	13.0	12.3	12.6	6.1	4.5	5.3	3.8	3.1	3.5
31	20.7	18.6	19.3	---	---	---	6.8	5.5	6.0	4.0	3.5	3.8
MONTH	25.9	16.0	20.9	21.1	11.2	15.0	15.5	3.5	9.8	13.4	2.4	7.4
		FEBRUARY			MARCH			APRIL			MAY	
1	4.2	3.7	4.0	9.0	8.3	8.7	17.6	15.6	16.6	17.9	17.3	17.6
2	4.7	3.7	4.2	8.4	7.2	7.9	17.5	14.8	16.3	19.4	17.0	17.8
3	4.7	4.0	4.4	7.8	7.0	7.4	15.8	14.1	15.3	19.5	17.8	18.4
4	4.8	4.3	4.6	9.2	6.7	7.7	15.8	14.4	15.1	18.7	17.8	18.2
5	5.5	4.5	4.9	8.8	7.6	8.2	16.7	15.2	15.9	18.4	17.5	18.0
6	6.7	4.6	5.4	10.1	8.1	8.8	18.3	16.0	16.8	17.5	15.0	16.6
7	6.7	5.3	5.8	10.2	8.4	9.3	17.8	16.3	17.3	16.3	14.7	15.5
8	7.3	5.3	6.0	10.5	9.2	9.7	18.2	17.2	17.6	17.5	15.9	16.7
9	7.8	5.4	6.8	9.4	8.5	8.9	18.0	16.7	17.4	19.0	16.8	17.5
10	8.2	5.9	7.6	9.2	8.2	8.8	17.2	15.4	16.4	19.1	17.5	18.3
11	7.4	5.9	6.5	10.1	8.7	9.2	17.3	15.7	16.4	21.1	18.1	18.8
12	6.9	5.3	6.0	10.6	8.1	9.2	16.7	15.7	16.2	21.7	19.2	20.2
13	7.1	5.9	6.5	10.8	9.3	9.9	16.4	15.0	15.7	20.4	19.5	19.8
14	7.8	6.6	7.2	10.5	9.6	10.0	15.2	13.9	14.6	21.0	19.3	20.0
15	8.9	7.5	7.9	10.6	9.2	9.7	14.2	12.7	13.4	23.4	20.4	21.4
16	10.9	8.3	9.5	10.3	9.1	9.8	12.9	11.8	12.4	22.4	20.7	21.6
17	11.2	9.6	10.4	9.1	7.9	8.7	13.2	11.6	12.3	21.6	20.9	21.3
18	10.4	8.8	9.5	8.7	7.8	8.2	14.9	12.2	13.3	21.9	20.5	21.2
19	9.6	8.2	8.6	9.1	8.4	8.7	16.0	13.2	14.6	22.0	21.3	21.7
20	9.6	8.3	9.0	11.6	9.0	9.7	17.1	14.1	15.4	22.0	21.1	21.4
21	10.9	9.0	9.6	11.7	9.7	10.6	17.1	14.4	15.9	21.3	20.5	20.9
22	10.3	9.7	9.9	11.6	10.1	10.8	17.0	14.4	16.1	21.6	20.1	20.9
23	10.0	9.5	9.7	13.4	11.1	11.8	16.4	13.7	15.1	22.4	20.4	21.4
24	9.7	9.3	9.5	13.6	11.9	12.6	16.1	14.2	15.0	23.2	21.2	21.9
25	9.5	8.6	9.1	13.4	12.3	12.8	15.3	12.8	14.5	21.6	20.5	21.1
26	9.3	8.1	8.5	13.8	12.7	13.2	15.7	14.7	15.1	22.2	20.1	20.7
27	8.8	8.2	8.4	14.0	13.2	13.7	17.8	15.4	16.2	22.8	20.7	21.6
28	8.8	8.2	8.5	14.9	13.6	14.3	17.8	15.6	16.5	23.9	21.4	22.2
29	---	---	---	15.4	13.8	14.6	17.0	15.9	16.5	24.6	22.2	23.2
30	---	---	---	15.9	14.6	15.2	18.0	16.8	17.2	24.0	22.5	23.3
31	---	---	---	16.5	14.8	15.7	---	---	---	22.9	22.1	22.5
MONTH	11.2	3.7	7.4	16.5	6.7	10.4	18.3	11.6	15.6	24.6	14.7	20.1

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, TOP—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	22.2	21.4	21.8	29.6	26.9	27.8	29.0	28.0	28.7	30.6	28.3	29.1
2	21.9	21.1	21.4	29.6	27.5	28.2	29.3	28.1	28.6	30.8	28.4	29.2
3	23.2	21.7	22.4	28.3	27.3	27.9	30.6	28.3	29.1	29.5	28.3	28.8
4	24.4	22.3	23.2	29.0	27.3	28.2	30.8	29.0	29.8	28.7	27.4	28.3
5	25.6	22.8	24.0	29.4	28.0	28.5	30.6	29.1	29.7	27.9	26.5	27.1
6	26.3	23.5	24.7	30.5	27.9	29.1	30.5	29.0	29.6	26.8	25.6	26.3
7	26.6	22.3	24.8	31.6	29.0	29.9	30.0	29.3	29.7	26.5	25.8	26.1
8	27.0	23.6	25.3	30.2	28.4	29.4	29.3	27.9	28.6	26.4	25.9	26.1
9	25.3	23.0	24.5	30.2	28.8	29.4	29.4	28.3	28.7	26.5	25.9	26.2
10	26.3	23.3	24.7	30.9	28.8	29.6	29.5	28.5	28.9	26.1	24.9	25.5
11	25.3	23.8	24.6	30.4	29.2	29.7	30.1	28.4	29.2	---	---	---
12	26.9	23.8	25.4	30.8	29.1	29.8	31.1	29.3	29.9	---	---	---
13	27.8	25.1	26.7	30.0	28.6	29.3	31.2	29.5	30.2	---	---	---
14	28.2	26.1	27.1	28.8	28.0	28.4	31.2	29.4	30.1	---	---	---
15	29.4	26.7	27.9	30.1	27.7	28.6	32.6	29.4	30.3	---	---	---
16	29.9	26.4	28.1	30.2	28.4	29.2	31.6	30.1	30.7	---	---	---
17	28.7	26.9	27.6	30.1	28.8	29.4	31.6	30.0	30.4	---	---	---
18	27.4	26.3	27.1	30.6	28.8	29.4	30.5	29.6	30.0	---	---	---
19	26.5	25.4	25.9	30.9	28.9	29.7	31.9	29.5	30.3	---	---	---
20	25.4	24.5	25.0	31.0	29.1	29.9	31.9	29.8	30.5	---	---	---
21	26.0	24.3	25.0	31.0	29.4	29.9	32.4	30.3	31.1	27.6	26.6	27.1
22	26.3	24.2	25.2	30.7	29.3	29.8	31.4	30.1	30.7	27.8	26.5	27.1
23	26.3	25.3	25.7	31.2	28.9	29.8	31.2	29.9	30.5	28.5	26.4	27.2
24	26.4	25.3	25.9	30.0	29.1	29.5	30.1	28.9	29.5	28.1	27.0	27.4
25	26.4	25.4	25.9	31.4	28.6	29.6	29.0	27.8	28.4	27.3	26.6	26.9
26	27.3	25.4	26.0	31.4	29.3	30.2	28.1	27.4	27.7	27.5	26.2	26.8
27	27.8	26.3	26.9	32.7	30.2	31.2	28.0	27.2	27.6	27.0	26.3	26.6
28	27.8	27.0	27.4	32.0	30.6	31.3	28.2	27.4	27.9	26.6	25.8	26.2
29	27.4	26.2	26.7	30.9	29.5	30.1	28.7	27.9	28.2	27.0	25.8	26.2
30	28.2	25.8	26.7	30.2	29.3	29.7	29.6	27.9	28.5	26.3	24.9	25.7
31	---	---	---	29.6	28.9	29.3	29.6	28.3	28.9	---	---	---
MONTH	29.9	21.1	25.5	32.7	26.9	29.4	32.6	27.2	29.4	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, BOTTOM
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.7	23.9	24.2	19.1	18.1	18.4	13.7	12.6	13.2	6.5	6.1	6.3
2	24.4	24.0	24.2	19.1	18.1	18.4	13.2	12.2	12.8	6.5	6.0	6.2
3	25.0	24.3	24.4	20.2	18.0	18.8	12.7	12.0	12.4	6.8	6.2	6.4
4	25.0	24.3	24.5	19.5	18.4	19.0	12.7	11.9	12.5	6.8	6.1	6.4
5	24.6	24.3	24.4	19.4	18.4	18.9	12.8	12.1	12.5	7.6	6.2	6.5
6	24.4	23.1	24.0	18.7	17.3	18.2	12.8	12.4	12.7	8.4	6.2	6.8
7	23.6	22.3	22.8	18.0	16.1	17.5	13.4	12.6	12.8	9.9	6.9	8.3
8	23.1	21.9	22.4	17.5	16.6	17.1	13.7	13.0	13.3	10.4	7.7	8.9
9	22.8	22.0	22.4	16.7	15.5	16.0	13.6	13.0	13.3	10.1	9.4	9.7
10	23.0	22.1	22.6	16.0	14.1	14.8	15.2	13.0	13.9	10.8	9.7	10.0
11	22.8	21.9	22.4	15.4	13.9	14.7	14.7	13.5	14.2	10.9	9.7	10.1
12	22.4	21.7	22.1	15.7	15.1	15.4	13.7	12.4	13.1	10.4	9.9	10.2
13	22.4	21.8	22.1	15.6	14.0	15.2	13.5	12.1	12.6	12.2	10.0	10.7
14	22.3	21.6	22.0	14.6	12.5	13.7	12.2	10.4	11.5	13.4	11.3	12.3
15	22.1	20.8	21.8	13.0	12.2	12.7	11.2	8.6	9.9	12.1	10.3	11.4
16	21.1	19.9	20.5	12.8	12.0	12.5	11.3	8.3	9.6	10.7	9.3	10.1
17	20.6	19.1	19.7	12.8	12.1	12.5	11.2	9.3	10.5	10.1	8.2	9.2
18	20.9	20.1	20.5	13.1	12.3	12.8	11.2	9.1	10.0	8.7	6.7	7.6
19	21.0	20.0	20.7	13.1	12.7	12.9	10.9	9.0	9.8	8.6	5.4	6.6
20	21.2	20.9	21.0	13.1	12.9	13.0	10.0	6.5	8.1	7.2	4.7	6.0
21	21.2	20.7	20.9	13.2	12.9	13.0	7.6	6.5	7.1	7.2	5.4	6.2
22	20.8	19.8	20.2	13.3	13.0	13.2	8.0	6.9	7.5	6.0	4.8	5.3
23	19.9	18.8	19.1	13.7	13.2	13.4	9.6	7.5	8.3	5.5	3.7	4.7
24	18.9	17.8	18.5	14.5	13.2	13.6	9.5	8.3	8.7	4.4	3.0	3.5
25	18.9	17.9	18.4	15.2	13.2	14.4	8.3	7.0	7.8	4.3	2.9	3.7
26	18.5	17.1	17.6	14.6	12.6	13.6	7.1	5.6	6.5	4.4	3.8	4.0
27	18.0	17.4	17.6	13.9	12.6	13.3	6.8	5.4	5.9	4.6	4.0	4.2
28	18.4	17.5	17.9	13.7	12.9	13.2	6.3	4.2	5.5	4.2	3.0	3.5
29	18.2	17.7	17.9	13.2	12.7	13.0	6.0	4.3	5.2	3.9	2.5	3.2
30	18.8	17.6	18.1	13.2	12.4	12.8	6.2	5.2	6.0	3.8	3.4	3.6
31	18.8	18.2	18.4	---	---	---	6.3	6.0	6.2	4.0	3.5	3.8
MONTH	25.0	17.1	21.1	20.2	12.0	14.9	15.2	4.2	10.1	13.4	2.5	6.9
		FEBRUARY			MARCH			APRIL			MAY	
1	4.3	3.8	4.0	8.9	8.2	8.6	16.5	14.3	14.8	17.7	17.1	17.5
2	4.5	3.8	4.1	8.4	7.2	7.8	17.4	14.3	16.0	18.1	17.1	17.3
3	4.5	4.0	4.3	7.8	7.0	7.4	15.9	13.8	15.3	19.2	17.6	18.1
4	4.7	4.2	4.5	8.4	7.4	7.7	15.8	14.6	15.1	18.6	17.7	18.2
5	4.9	4.5	4.6	8.6	7.6	8.1	16.2	14.8	15.3	18.3	17.4	17.9
6	6.1	4.8	5.2	9.3	7.8	8.4	16.3	15.0	15.5	17.4	14.9	16.5
7	5.6	4.9	5.2	10.1	8.0	8.9	16.5	15.0	15.4	16.1	14.9	15.4
8	5.8	4.8	5.3	10.2	8.8	9.5	17.3	15.2	16.4	17.0	15.8	16.4
9	6.0	4.9	5.2	9.2	7.9	8.8	17.9	16.7	17.2	17.8	16.4	17.0
10	7.8	5.2	6.4	9.3	8.3	8.8	16.9	15.7	16.3	19.1	16.9	18.0
11	7.3	5.6	6.2	9.7	8.9	9.2	16.9	16.0	16.4	18.9	17.6	18.4
12	6.3	5.5	5.9	10.4	8.2	9.3	16.3	15.7	16.0	20.5	16.8	18.7
13	6.8	5.8	6.1	10.7	9.4	9.8	16.0	14.9	15.6	20.0	19.1	19.7
14	7.7	6.0	6.8	10.2	9.9	10.1	15.0	13.9	14.5	20.6	18.7	19.6
15	7.6	6.4	7.1	10.1	9.3	9.6	14.1	12.6	13.3	21.2	18.9	19.8
16	8.8	6.2	7.3	10.4	9.2	9.9	13.3	11.8	12.4	21.7	18.8	20.5
17	10.4	7.1	9.0	9.2	8.2	8.8	12.7	11.9	12.3	21.5	21.0	21.2
18	9.7	8.5	9.1	8.8	7.8	8.3	12.8	11.8	12.3	21.8	20.6	21.2
19	9.1	7.3	8.4	9.1	8.7	8.9	12.5	11.5	11.8	21.9	20.8	21.4
20	9.2	8.0	8.6	9.5	8.9	9.1	12.3	11.3	11.6	21.7	20.4	21.2
21	9.9	7.9	9.1	10.1	8.8	9.3	14.8	11.4	12.4	21.3	20.5	20.9
22	10.0	8.0	9.6	11.6	8.9	10.4	15.2	11.9	12.8	21.4	20.1	20.8
23	9.9	9.3	9.6	13.5	9.8	11.6	15.6	12.3	13.9	22.1	20.4	21.1
24	9.6	9.2	9.4	13.5	12.1	12.5	15.8	14.1	14.8	22.1	21.0	21.4
25	9.4	8.6	9.0	13.2	12.3	12.8	15.0	12.8	14.4	21.5	20.6	21.1
26	8.8	8.1	8.4	13.8	12.8	13.3	15.0	14.6	14.7	20.8	20.2	20.5
27	8.8	8.1	8.4	13.9	13.3	13.6	16.8	14.6	15.4	21.8	20.6	21.1
28	8.8	8.1	8.4	15.0	13.2	14.2	16.4	15.4	15.8	22.8	20.9	21.6
29	---	---	---	15.3	13.8	14.5	16.8	15.2	16.1	23.6	20.8	21.8
30	---	---	---	15.7	14.2	14.6	17.8	15.5	16.6	22.6	20.7	21.5
31	---	---	---	16.8	14.8	15.4	---	---	---	22.7	21.5	22.2
MONTH	10.4	3.8	7.0	16.8	7.0	10.3	17.9	11.3	14.7	23.6	14.9	19.6

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, BOTTOM—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	22.0	21.4	21.7	27.5	25.8	26.5	29.0	28.0	28.7	29.4	28.2	28.6
2	21.8	21.1	21.4	27.8	25.9	26.6	28.8	28.3	28.6	28.9	28.4	28.7
3	22.3	21.4	21.7	28.1	25.8	27.3	28.9	28.4	28.6	29.2	27.9	28.6
4	22.3	21.1	21.6	28.3	26.8	27.7	29.5	28.6	28.9	28.7	27.4	28.2
5	22.1	21.1	21.3	28.7	27.3	28.1	29.5	28.8	29.0	27.9	26.4	27.0
6	22.0	21.0	21.2	29.5	27.7	28.4	29.5	28.7	29.1	26.6	25.6	26.1
7	22.0	21.0	21.3	29.7	27.5	28.5	29.6	28.7	29.2	26.3	25.7	26.0
8	22.3	21.0	21.3	29.8	27.5	28.9	29.2	28.1	28.6	26.4	25.5	26.0
9	22.0	21.2	21.4	29.5	28.5	29.0	28.8	28.6	28.7	26.4	25.9	26.2
10	23.1	21.2	21.8	29.5	28.8	29.0	28.9	28.6	28.7	26.1	24.9	25.5
11	24.5	21.3	22.8	29.3	28.8	28.9	29.0	28.5	28.7	---	---	---
12	24.9	22.5	23.7	29.4	28.7	29.0	29.1	28.6	28.8	---	---	---
13	25.0	21.3	23.1	29.5	28.6	29.0	29.5	28.7	29.0	---	---	---
14	25.6	21.3	23.5	28.7	28.0	28.4	29.4	28.9	29.0	---	---	---
15	25.0	21.6	22.8	29.2	27.6	28.2	29.3	28.8	29.0	---	---	---
16	27.3	22.2	24.2	29.2	28.3	28.6	29.6	28.8	29.1	---	---	---
17	27.5	24.5	26.3	29.6	28.2	28.8	30.2	28.8	29.3	---	---	---
18	27.3	24.6	26.4	29.2	28.2	28.8	30.1	29.3	29.6	---	---	---
19	26.5	25.4	25.9	29.6	28.2	29.0	30.0	29.2	29.6	---	---	---
20	25.5	24.5	25.0	30.4	28.6	29.4	30.0	29.0	29.6	---	---	---
21	25.0	24.2	24.5	30.1	28.7	29.4	30.4	29.1	29.7	27.1	26.2	26.7
22	25.8	23.9	24.6	30.0	28.7	29.3	30.4	29.0	29.7	27.6	26.5	26.9
23	26.1	24.1	25.2	30.3	29.0	29.3	30.2	29.0	29.5	27.9	26.5	27.1
24	26.4	25.2	25.8	29.9	29.0	29.4	29.9	29.0	29.4	27.8	26.5	27.1
25	26.4	25.3	25.8	29.8	28.9	29.2	29.4	27.9	28.6	27.3	26.6	26.9
26	26.6	25.4	25.7	29.8	29.0	29.4	28.1	27.4	27.8	27.3	26.5	26.8
27	26.6	25.7	26.0	30.1	28.9	29.4	27.9	27.0	27.5	26.9	26.3	26.7
28	27.0	25.8	26.2	31.4	28.9	29.7	28.2	27.4	27.8	26.7	25.9	26.3
29	26.6	25.8	26.2	30.5	29.7	29.9	28.6	27.9	28.2	26.8	25.8	26.1
30	26.9	25.8	26.1	29.9	29.4	29.6	28.7	28.1	28.3	26.4	25.0	25.8
31	---	---	---	29.6	29.0	29.3	29.2	28.0	28.5	---	---	---
MONTH	27.5	21.0	23.8	31.4	25.8	28.8	30.4	27.0	28.9	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, TOP
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.4	5.9	7.1	10.1	6.6	9.0	11.2	8.5	9.7	15.7	11.7	14.2
2	7.9	5.9	6.8	10.0	5.4	8.4	10.7	8.9	9.6	14.8	10.3	12.6
3	8.3	6.6	7.4	8.2	6.8	7.5	10.6	9.0	9.9	15.0	10.3	13.2
4	8.8	5.9	7.2	8.2	6.1	7.0	14.2	10.0	11.5	15.4	10.3	13.6
5	8.8	6.6	7.6	8.1	6.3	7.2	15.1	11.6	12.9	14.1	12.0	13.0
6	8.2	6.1	7.0	8.5	6.9	7.6	14.2	11.3	12.6	13.0	10.2	11.3
7	8.8	6.0	7.4	8.8	7.3	8.0	14.1	7.4	11.7	11.8	9.9	10.7
8	8.8	6.9	7.9	8.6	7.9	8.2	12.1	8.5	9.6	11.2	10.2	10.5
9	9.5	6.9	8.0	8.5	7.9	8.2	12.4	7.8	8.9	10.8	10.0	10.3
10	9.2	7.5	8.4	8.9	8.0	8.5	10.4	7.4	8.6	10.8	9.5	10.1
11	9.7	7.8	8.6	9.0	7.9	8.6	10.5	8.4	9.0	10.9	9.1	10.2
12	10.5	8.2	9.1	8.8	7.7	8.2	10.7	8.5	9.4	10.7	9.2	10.2
13	9.5	7.1	8.4	8.5	7.8	8.2	11.3	9.5	10.1	10.7	8.6	9.3
14	8.8	7.4	8.1	9.0	8.0	8.5	11.4	9.6	10.2	9.9	8.2	8.5
15	9.1	7.4	8.4	9.6	8.6	9.1	10.8	9.5	10.2	9.1	8.2	8.6
16	9.7	6.5	8.1	11.1	9.0	9.8	12.8	10.4	11.4	9.8	8.7	9.3
17	10.9	8.2	9.4	11.3	9.8	10.4	13.4	11.1	12.1	10.3	9.2	9.8
18	10.7	8.3	9.4	12.3	9.8	11.2	12.9	10.5	11.9	11.2	9.9	10.5
19	9.6	5.8	8.1	12.8	8.8	10.6	13.8	11.6	12.8	12.1	10.3	11.2
20	9.6	6.8	8.4	11.4	7.7	9.1	12.4	9.1	10.3	12.3	10.8	11.6
21	9.1	8.1	8.7	11.2	8.1	9.7	10.8	9.9	10.3	12.1	11.6	11.8
22	9.2	8.2	8.7	11.2	7.9	9.9	11.5	10.0	10.7	12.1	11.3	11.8
23	10.2	8.7	9.4	10.9	9.4	10.3	11.4	9.7	10.5	11.7	10.8	11.2
24	10.8	8.7	9.5	10.8	8.8	9.9	10.4	10.0	10.2	12.4	11.2	11.7
25	11.2	7.3	9.4	9.7	5.7	8.2	10.6	9.8	10.2	12.6	11.3	12.0
26	10.4	8.2	9.4	9.6	8.2	8.9	10.9	10.3	10.6	12.9	11.7	12.3
27	11.9	7.6	9.3	10.7	8.9	9.4	11.9	10.6	11.1	12.9	12.1	12.4
28	11.1	6.5	9.0	10.3	9.2	9.5	12.4	10.8	11.6	13.0	12.1	12.5
29	9.2	4.8	7.7	10.7	9.0	9.7	12.8	11.5	12.0	13.2	12.4	12.8
30	10.1	7.8	9.0	11.5	9.9	10.5	13.7	11.7	12.6	13.4	12.4	12.8
31	10.5	7.3	8.7	---	---	---	16.0	11.2	13.0	13.0	12.3	12.7
MONTH	11.9	4.8	8.4	12.8	5.4	9.0	16.0	7.4	10.8	15.7	8.2	11.4
		FEBRUARY			MARCH			APRIL			MAY	
1	13.7	12.4	12.8	10.8	10.2	10.5	10.9	8.4	10	7.8	5.2	6.7
2	13.4	12.6	12.9	11.0	10.3	10.6	9.3	7.2	8.6	7.7	4.8	6.0
3	13.2	12.3	12.8	11.2	10.5	10.9	9.2	8.3	8.8	7.5	5.2	6.2
4	12.7	12.3	12.4	13.0	11.0	12.0	10.1	8.7	9.3	5.7	4.6	5.1
5	12.7	12.1	12.3	12.5	11.5	11.9	11.1	8.9	9.9	6.6	3.8	5.3
6	13.7	12.3	13.0	12.8	11.5	12.1	11.2	9.3	10.3	7.8	5.8	6.9
7	13.8	12.9	13.3	12.2	10.6	11.7	10.1	7.9	9.6	8.4	7.0	7.6
8	14.1	12.3	13.4	11.1	9.4	10	10.8	8.1	9.1	9.6	7.5	8.6
9	13.9	12.2	13.4	11.3	9.3	10.0	10.2	8.9	9.4	9.8	8.0	9.0
10	13.4	11.9	12.7	11.4	9.8	10.7	10.4	8.5	9.6	---	---	---
11	11.9	11.3	11.6	11.7	10.1	11.0	10.8	9.4	10.0	---	---	---
12	12.4	11.4	11.9	11.1	9.9	10.5	10.2	8.4	9.4	---	---	---
13	13.0	11.8	12.5	11.5	10.1	10.7	9.0	7.9	8.5	---	---	---
14	12.7	11.9	12.3	10.6	10.1	10.3	9.2	8.1	8.6	---	---	---
15	13.4	11.9	12.6	12.8	10.1	11.0	9.6	8.9	9.2	---	---	---
16	13.7	12.7	13.2	12.2	10.1	10.9	10.0	9.2	9.6	---	---	---
17	13.2	12.2	12.7	10.6	9.9	10.2	10.6	9.5	10	---	---	---
18	12.5	11.7	12.1	11.9	10.4	11.1	12.4	10.0	11.0	---	---	---
19	13.1	11.5	12.3	11.6	10.6	11.2	12.3	10.1	10.9	8.5	6.2	7.5
20	12.9	11.9	12.4	13.6	11.2	12.1	11.9	9.2	10.6	7.6	4.3	6.7
21	12.3	11.4	11.9	12.9	10.9	12.2	11.3	8.4	9.9	7.4	5.8	6.6
22	12.0	11.1	11.6	12.3	10.9	11.3	10.0	8.4	9.4	9.3	6.2	8.1
23	11.8	11.0	11.5	11.1	9.6	10.2	9.0	7.2	8.1	9.3	6.7	7.9
24	11.2	10.4	10.9	10.8	9.5	10.2	9.1	8.0	8.6	9.7	5.6	7.7
25	11.0	10.3	10.6	10.2	9.5	10.0	9.5	8.1	8.8	8.4	6.2	7.5
26	12.2	10.7	11.3	10.7	9.7	10.1	9.8	7.7	8.8	9.4	6.5	7.7
27	11.9	10.7	11.4	10.6	9.7	10.1	11.6	8.3	9.6	9.7	6.8	8.2
28	10.7	10.1	10.4	10.3	9.1	9.9	10.1	8.2	9.1	8.8	6.9	7.8
29	---	---	---	10.7	9.2	10.1	9.9	7.7	8.6	9.4	6.5	8.0
30	---	---	---	11.2	9.4	10.4	8.2	5.9	7.3	8.6	5.5	7.7
31	---	---	---	10.8	9.2	10.1	---	---	---	8.9	6.0	7.2
MONTH	14.1	10.1	12.2	13.6	9.1	10.8	12.4	5.9	9.4	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, TOP—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.2	5.7	7.2	8.8	6.2	7.3	8.2	4.8	6.3	9.1	4.5	6.2
2	8.0	5.4	6.5	9.2	6.5	7.7	9.1	6.3	7.4	9.2	5.4	6.5
3	9.8	6.1	8.0	8.0	6.0	7.1	11.5	5.4	8.2	7.4	5.5	6.5
4	10.8	6.1	8.4	7.9	5.4	6.7	10.4	6.8	8.4	6.7	5.4	6.2
5	10.7	6.4	8.8	7.0	5.8	6.4	9.1	6.0	7.8	6.9	6.0	6.4
6	9.2	5.3	7.5	7.7	4.5	6.4	8.5	2.8	5.9	7.2	6.4	6.8
7	8.7	2.5	6.5	8.2	6.0	7.0	7.3	3.1	5.5	7.5	6.5	7.0
8	8.5	4.5	6.8	7.2	3.6	6.2	5.0	0.1	1.8	7.7	6.4	7.0
9	6.0	2.8	4.6	8.3	5.9	6.9	6.3	0.5	3.5	7.8	6.8	7.3
10	5.8	1.8	3.8	9.4	5.1	7.6	10.4	3.3	6.8	7.4	6.8	7.1
11	5.9	1.6	3.7	9.3	6.3	8.0	9.8	4.3	7.4	---	---	---
12	6.3	0.2	3.9	8.5	6.0	7.7	9.5	2.7	6.8	---	---	---
13	6.5	2.1	5.2	8.1	3.0	6.2	7.8	2.6	5.5	---	---	---
14	6.6	4.4	5.7	7.9	3.0	5.2	9.0	1.8	4.9	---	---	---
15	6.7	4.5	5.7	9.4	3.4	6.6	8.0	2.9	6.1	---	---	---
16	7.3	3.1	5.4	10.0	5.8	7.6	8.2	2.9	6.3	---	---	---
17	6.9	3.5	5.7	9.8	4.1	7.5	9.1	5.0	6.8	---	---	---
18	7.6	5.7	6.7	10.3	4.3	7.3	8.6	5.5	7.3	---	---	---
19	6.9	5.6	6.3	8.4	5.8	7.2	10.4	6.1	7.9	---	---	---
20	8.1	6.3	7.1	8.7	6.0	7.1	10.0	4.0	7.3	---	---	---
21	8.8	7.0	7.7	8.8	4.7	6.8	8.5	5.0	7.3	8.7	6.3	7.5
22	9.4	7.4	8.0	7.9	4.1	6.2	10.3	4.7	6.9	9.5	6.9	7.6
23	8.2	7.0	7.7	10.4	3.8	6.7	7.7	1.8	6.1	10.6	6.3	8.0
24	7.6	6.6	7.1	7.7	4.7	6.6	7.0	5.0	6.1	8.6	7.0	7.8
25	7.1	5.2	6.4	10.3	4.5	6.8	6.5	4.7	5.8	7.7	6.3	6.9
26	7.7	5.2	6.4	8.8	4.3	6.8	7.0	5.2	6.1	7.8	6.0	6.7
27	7.9	6.3	7.3	11.3	4.7	7.8	6.8	4.4	5.6	7.3	5.1	6.5
28	8.5	6.3	7.5	8.0	5.7	7.0	6.8	4.4	5.4	6.9	4.5	6.1
29	8.4	4.9	6.6	6.4	3.5	4.8	6.4	4.3	5.2	8.3	5.2	6.3
30	9.8	5.7	6.9	5.9	3.9	4.9	8.0	4.6	5.9	7.0	5.5	6.5
31	---	---	---	7.3	4.3	6.2	7.9	5.4	6.1	---	---	---
MONTH	10.8	0.2	6.5	11.3	3.0	6.8	11.5	0.1	6.3	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.0	4.8	6.0	5.9	2.1	3.6	11.0	6.2	9.0	10.2	8.1	8.8
2	5.8	3.6	4.7	6.1	2.3	3.3	11.2	8.5	9.8	9.5	7.9	8.7
3	5.2	2.1	3.6	7.6	1.6	3.8	10.7	8.6	10.1	8.9	7.9	8.5
4	4.9	0.9	2.8	7.3	3.3	6.0	10.9	8.6	9.4	9.0	7.8	8.3
5	6.5	0.6	2.1	7.9	6.2	7.0	10.2	7.3	8.5	9.5	7.4	8.5
6	7.1	1.8	5.2	8.3	5.3	7.2	10.4	6.6	7.8	10.6	8.3	9.3
7	7.4	2.0	5.2	8.6	7.0	7.8	9.3	6.0	7.1	11.5	8.5	9.7
8	7.2	3.6	5.7	8.3	6.7	7.8	9.5	7.3	8.3	11.0	9.0	10.2
9	6.0	2.0	4.6	8.4	7.2	8.0	7.9	6.2	7.1	10.8	10.0	10.3
10	7.2	1.4	4.3	8.8	6.8	8.2	10.0	5.6	7.8	10.6	9.5	10.1
11	6.8	2.3	5.1	8.8	7.2	8.3	11.0	6.8	9.0	11.2	8.8	9.7
12	5.7	3.0	4.0	8.5	5.9	7.2	11.1	8.7	9.8	10.5	8.8	9.5
13	5.4	2.0	3.5	8.1	7.1	7.8	11.4	7.8	10.2	9.9	8.8	9.4
14	5.2	1.1	3.0	8.8	7.6	8.3	11.2	9.5	10.6	9.5	8.6	9.1
15	5.1	0.9	2.6	8.9	7.9	8.6	11.0	8.4	9.6	9.6	8.7	9.1
16	5.4	2.8	4.1	9.5	7.8	8.7	10.3	6.7	8.8	10.2	9.2	9.6
17	5.6	1.4	3.8	10.2	7.7	8.9	9.5	5.8	7.5	10.6	9.1	9.9
18	2.9	0.0	1.3	10.4	7.0	7.9	11.1	5.8	8.6	11.2	9.2	10.3
19	4.5	0.0	1.4	8.2	7.1	7.6	11.9	5.1	9.1	11.8	8.3	10.4
20	2.0	0.0	0.8	8.2	6.8	7.2	10.5	6.6	8.5	12.1	8.8	10.7
21	4.5	1.6	2.9	8.3	6.7	7.4	8.5	6.2	7.4	12.2	8.9	10.7
22	5.8	2.8	4.5	9.1	6.6	7.6	8.4	5.9	7.2	12.2	10.1	11.5
23	5.8	2.2	4.4	9.6	6.5	7.8	8.7	5.9	7.1	11.8	10.7	11.2
24	6.3	1.6	3.5	9.6	5.9	7.4	8.8	6.9	7.9	12.2	11.0	11.6
25	4.3	0.2	1.8	9.5	5.6	8.1	8.7	7.6	8.1	12.3	10.9	11.5
26	5.7	0.5	3.3	9.6	8.5	9.1	10.4	8.4	9.2	12.2	10.6	11.4
27	6.2	1.4	3.9	10.0	8.2	9.0	10.7	9.4	10.1	12.6	10.1	12.0
28	5.3	1.1	2.9	10.2	7.9	9.3	11.4	9.1	10.2	13.0	11.9	12.4
29	7.4	0.8	4.5	10.2	8.5	9.6	11.7	9.2	10.8	12.8	11.3	12.1
30	9.4	1.7	5.5	11.1	7.4	9.5	11.7	8.8	9.7	13.2	11.5	12.5
31	7.8	1.8	4.1	---	---	---	10.3	8.5	9.0	13.1	11.6	12.6
MONTH	9.4	0.0	3.7	11.1	1.6	7.6	11.9	5.1	8.8	13.2	7.4	10.3
		FEBRUARY			MARCH			APRIL			MAY	
1	13.3	12.1	12.8	10.3	9.5	9.9	10.4	5.8	7.7	7.4	5.2	6.6
2	---	---	---	10.7	9.8	10.2	10.3	7.6	9.2	6.5	4.5	5.4
3	---	---	---	10.9	10.2	10.6	10.1	9.4	9.8	7.5	4.6	6.2
4	---	---	---	12.0	9.9	10.4	10.2	8.6	9.3	6.6	4.9	5.8
5	---	---	---	11.5	8.0	10.8	9.7	5.8	7.5	6.7	4.7	6.1
6	---	---	---	12.2	9.8	11.2	10.1	5.0	7.1	7.6	6.6	7.1
7	---	---	---	11.3	8.3	10.5	7.0	4.6	5.8	7.6	6.4	7.1
8	---	---	---	10.6	8.8	9.5	8.2	4.9	6.3	8.7	6.0	7.5
9	---	---	---	10.6	9.0	9.4	9.6	7.2	8.6	9.0	5.4	7.4
10	---	---	---	11.5	9.1	10.5	9.8	7.3	8.8	---	---	---
11	---	---	---	12.0	10.0	11.0	9.6	5.7	8.0	---	---	---
12	---	---	---	11.3	10.0	10.7	9.4	7.1	8.6	---	---	---
13	---	---	---	11.7	10.0	10.8	8.7	6.8	8.1	---	---	---
14	---	---	---	11.0	10.6	10.8	9.0	7.8	8.3	---	---	---
15	---	---	---	11.9	10.1	10.9	9.3	8.6	8.9	---	---	---
16	---	---	---	11.8	8.9	11.0	9.7	8.5	9.2	---	---	---
17	---	---	---	11.1	10.3	10.8	10.0	7.9	9.1	---	---	---
18	---	---	---	11.6	10.1	10.9	10.2	6.6	8.6	---	---	---
19	11.9	9.1	11.2	12.0	10.0	10.9	8.2	5.8	6.9	8.4	3.2	6.1
20	12.0	9.3	11.1	11.9	9.5	11.0	7.2	6.2	6.7	5.9	1.2	4.2
21	11.9	8.5	10.7	12.0	8.7	10.4	8.9	5.6	6.8	6.5	3.9	5.2
22	11.1	7.5	10.5	12.1	8.7	11.3	8.5	5.7	6.5	7.5	3.5	5.6
23	11.1	9.6	10.7	11.4	8.8	10.6	8.0	5.5	6.9	6.6	2.0	5.0
24	10.4	8.1	9.2	11.5	10.2	10.6	8.9	6.8	7.9	7.2	2.4	4.9
25	9.2	7.6	8.4	11.0	10.2	10.7	8.8	7.6	8.2	6.4	1.8	4.8
26	8.9	6.5	8.0	11.5	10.1	10.9	8.6	4.0	7.0	6.7	2.9	4.9
27	10.5	6.1	8.8	11.1	10.1	10.7	9.5	3.9	7.1	---	---	---
28	10.2	8.8	9.7	11.3	8.3	10.4	8.9	6.4	8.1	---	---	---
29	---	---	---	11.6	10.3	10.8	8.9	3.3	7.4	---	---	---
30	---	---	---	10.9	9.0	10	7.9	3.5	6.2	---	---	---
31	---	---	---	11.6	7.9	10.2	---	---	---	---	---	---
MONTH	---	---	---	12.2	7.9	10.6	10.4	3.3	7.8	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	6.8	0.6	3.4	7.9	4.6	6.1	6.2	3.1	5.0
2	---	---	---	5.5	0.7	2.6	7.2	2.8	5.7	5.8	2.7	4.3
3	---	---	---	7.2	0.0	4.9	7.7	1.6	5.5	7.0	1.1	5.2
4	---	---	---	6.6	1.8	4.9	8.7	0.8	4.2	6.5	4.9	6.0
5	---	---	---	6.2	1.3	5.0	6.1	0.6	2.7	6.9	5.9	6.4
6	---	---	---	6.6	2.0	5.0	5.0	0.1	2.0	7.2	6.3	6.7
7	2.8	0.8	1.4	6.6	0.3	3.7	5.5	0.0	1.8	7.5	6.5	6.9
8	2.7	0.3	0.9	7.0	0.3	4.5	4.5	0.0	0.8	7.3	5.6	6.7
9	1.5	0.1	0.7	7.6	1.7	4.3	2.1	0.0	0.4	7.6	5.3	6.9
10	1.2	0.1	0.3	7.6	1.7	3.7	5.6	0.0	1.1	7.2	5.6	6.8
11	4.2	0.1	0.8	4.3	0.7	2.2	2.7	0.0	0.9	---	---	---
12	3.9	0.1	1.5	4.4	0.0	1.6	1.0	0.0	0.1	---	---	---
13	2.0	0.1	0.5	6.7	0.3	3.8	0.7	0.0	0.1	---	---	---
14	2.0	0.1	0.8	6.6	2.4	3.5	1.6	0.0	0.1	---	---	---
15	1.7	0.1	0.5	6.0	0.7	3.9	2.5	0.0	0.2	---	---	---
16	4.6	0.3	1.5	6.4	0.6	3.4	1.0	0.0	0.2	---	---	---
17	6.0	1.1	3.9	7.6	0.4	3.8	6.2	0.0	0.9	---	---	---
18	6.9	1.7	4.4	6.4	0.3	3.9	5.8	0.1	1.4	---	---	---
19	6.7	4.2	5.9	6.4	0.4	3.7	5.3	0.2	2.9	---	---	---
20	7.5	6.0	6.7	7.3	0.8	4.8	4.2	0.1	2.1	---	---	---
21	7.7	4.4	6.7	6.4	0.5	3.7	4.1	0.1	1.6	7.1	4.0	5.7
22	7.3	3.6	5.9	6.2	0.1	3.3	3.9	0.1	1.2	8.6	4.1	6.5
23	7.2	3.4	5.8	7.2	0.3	2.6	3.1	0.1	0.7	10.1	4.7	6.7
24	7.0	5.5	6.3	6.8	0.4	3.7	6.6	0.0	2.3	7.4	2.6	5.9
25	6.5	3.6	5.7	7.2	0.1	4.3	6.6	2.6	4.9	7.0	4.5	6.4
26	6.6	4.5	5.4	6.6	0.5	3.9	7.0	5.3	6.0	6.7	2.6	5.4
27	6.1	3.9	4.8	5.8	0.1	2.2	6.7	3.4	5.5	6.5	3.2	5.7
28	5.8	2.5	4.0	6.9	0.1	1.9	6.6	2.1	4.9	6.8	3.1	5.7
29	6.4	2.1	3.8	5.5	2.1	3.8	6.2	4.1	5.0	7.4	4.7	5.8
30	5.7	1.7	3.7	5.0	3.0	4.1	5.7	0.7	4.5	7.0	5.3	6.5
31	---	---	---	6.7	1.5	5.7	6.4	1.7	4.7	---	---	---
MONTH	---	---	---	7.6	0.0	3.7	8.7	0.0	2.6	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, TOP
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	101	70	85	112	71	100	107	82	92	129	96	117
2	96	70	81	111	59	93	102	84	91	124	85	106
3	101	79	89	91	75	83	100	85	92	129	85	112
4	108	71	88	90	66	76	133	93	106	134	87	120
5	108	79	92	88	68	77	141	107	119	128	105	116
6	98	72	83	91	73	80	133	105	117	118	88	99
7	102	69	86	93	75	84	136	71	111	105	86	94
8	102	80	92	89	82	85	121	82	93	101	88	92
9	111	80	93	87	80	83	122	76	87	95	88	91
10	108	86	97	88	80	84	103	72	85	100	83	91
11	113	91	100	90	78	85	103	82	88	99	81	92
12	121	93	104	88	77	82	102	81	90	97	83	92
13	108	81	96	84	78	82	105	89	95	99	79	84
14	100	84	92	86	78	82	105	89	94	94	75	80
15	103	84	95	91	80	85	95	85	90	82	76	79
16	108	73	90	103	83	91	112	88	98	86	78	82
17	120	89	102	105	90	97	116	96	104	89	81	85
18	118	90	103	116	92	105	113	91	104	91	83	86
19	106	65	90	120	83	99	121	101	111	94	84	88
20	108	76	95	108	73	87	107	79	87	98	86	92
21	102	91	97	108	77	93	89	81	84	97	92	94
22	101	90	96	108	75	95	96	83	89	96	90	93
23	110	93	102	106	91	100	98	84	90	92	84	87
24	114	92	101	107	87	97	90	85	87	94	85	88
25	117	78	98	97	55	81	89	83	86	97	86	91
26	108	85	97	92	79	85	89	85	86	99	89	94
27	125	79	97	101	84	89	94	84	88	100	93	95
28	117	68	94	99	87	91	97	86	90	98	92	94
29	97	50	80	102	85	92	100	90	94	98	92	95
30	110	82	96	109	93	99	108	93	99	102	93	97
31	116	79	94	---	---	---	131	90	105	99	93	96
MONTH	125	50	94	120	55	89	141	71	95	134	75	94
		FEBRUARY			MARCH			APRIL			MAY	
1	105	94	98	93	87	90	114	85	103	82	54	70
2	104	96	99	94	86	89	96	71	88	81	50	64
3	103	95	99	94	87	91	93	84	88	80	55	66
4	98	96	97	113	90	101	102	86	93	61	49	54
5	101	94	96	106	97	101	114	89	100	70	40	56
6	111	96	103	112	98	104	119	95	106	80	61	71
7	112	103	107	107	94	102	105	81	100	86	70	77
8	115	97	108	97	82	88	115	84	95	101	76	89
9	115	97	110	97	81	87	108	92	98	106	83	94
10	113	96	106	99	85	92	108	86	98	---	---	---
11	99	91	94	104	88	96	113	95	102	---	---	---
12	101	90	96	99	86	91	105	85	96	---	---	---
13	107	95	101	103	88	95	92	80	86	---	---	---
14	106	98	102	95	89	92	90	81	85	---	---	---
15	116	99	106	115	88	97	91	85	88	---	---	---
16	122	109	116	108	88	97	94	86	90	---	---	---
17	119	108	113	91	85	88	101	89	93	---	---	---
18	111	101	107	102	88	95	123	93	106	---	---	---
19	112	99	105	100	92	97	122	98	108	98	70	86
20	111	103	108	123	97	107	123	90	106	87	48	76
21	109	100	105	118	96	110	115	82	100	83	65	74
22	107	99	103	113	97	102	102	82	96	106	69	91
23	105	96	101	103	90	94	91	70	81	108	75	90
24	99	91	95	104	89	96	91	79	85	114	63	88
25	96	90	92	98	89	95	95	79	86	94	70	85
26	107	91	97	103	92	96	99	76	87	107	72	86
27	102	91	97	102	93	98	122	83	98	113	76	93
28	92	86	89	102	88	97	107	83	94	103	78	90
29	---	---	---	107	90	99	102	80	89	112	75	94
30	---	---	---	113	94	104	86	61	76	102	64	91
31	---	---	---	110	91	102	---	---	---	103	70	83
MONTH	122	86	102	123	81	97	123	61	94	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, TOP—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	94	65	83	114	78	94	107	62	82	121	58	82
2	92	61	74	121	83	100	119	81	96	124	70	86
3	115	71	92	103	77	91	154	70	107	97	71	84
4	130	71	98	103	68	87	139	89	112	86	69	80
5	131	76	105	92	74	83	121	78	102	87	75	81
6	112	63	91	103	58	83	113	37	78	90	79	84
7	107	29	79	112	78	93	97	41	72	93	80	86
8	107	53	84	95	46	82	66	1	24	96	79	87
9	73	33	55	110	77	91	82	6	45	97	84	90
10	72	21	46	127	66	100	136	43	89	91	84	87
11	72	19	45	124	82	105	128	56	98	---	---	---
12	78	2	48	112	79	101	127	36	91	---	---	---
13	83	26	65	108	39	82	105	34	73	---	---	---
14	85	55	72	102	39	67	120	24	66	---	---	---
15	88	56	73	130	44	87	111	38	81	---	---	---
16	96	39	70	133	75	100	110	39	84	---	---	---
17	88	44	73	130	54	98	124	66	92	---	---	---
18	96	72	84	138	56	96	115	73	97	---	---	---
19	85	69	78	112	76	96	142	80	105	---	---	---
20	99	77	86	117	79	94	134	53	98	---	---	---
21	109	84	94	118	62	90	117	67	99	111	79	95
22	117	89	98	106	54	83	138	63	93	121	86	96
23	102	86	94	140	50	89	104	24	82	136	78	101
24	95	81	88	102	62	87	93	66	80	110	88	99
25	88	64	79	140	59	90	84	61	74	98	79	87
26	97	64	79	119	56	90	89	66	77	99	75	84
27	101	78	92	152	63	106	86	56	71	92	64	81
28	109	80	96	110	76	95	87	57	69	86	56	76
29	105	61	83	86	46	64	82	55	68	105	64	78
30	126	71	86	79	51	65	105	59	76	91	68	80
31	---	---	---	96	57	82	104	70	80	---	---	---
MONTH	131	2	80	152	39	89	154	1	83	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	84	57	71	64	22	39	104	59	86	83	66	71
2	69	43	56	66	25	36	107	81	93	76	64	70
3	62	25	43	84	17	42	100	81	94	73	64	69
4	60	11	33	80	35	65	102	81	88	73	63	67
5	78	7	25	85	67	76	95	69	80	80	60	69
6	85	22	62	88	56	77	98	62	74	90	68	77
7	86	24	61	91	74	82	89	57	67	102	70	83
8	84	42	66	86	70	81	92	70	79	98	76	88
9	69	23	53	85	74	81	76	59	68	95	88	91
10	84	16	50	87	69	81	99	54	76	96	85	90
11	79	27	59	87	71	82	108	65	88	101	78	87
12	65	34	47	85	59	73	106	83	94	94	78	85
13	62	23	40	81	71	78	108	75	96	91	78	85
14	59	13	34	84	75	80	103	88	98	88	79	85
15	56	10	30	84	75	81	99	74	85	87	80	84
16	60	31	46	89	74	82	90	61	77	90	82	85
17	61	16	41	95	73	84	84	53	67	91	81	86
18	32	0	15	97	67	75	97	53	76	92	78	86
19	50	0	16	77	68	72	104	46	80	94	71	85
20	23	0	9	78	65	68	91	56	72	98	73	86
21	51	18	33	79	64	70	70	52	61	97	74	86
22	64	31	50	87	63	73	70	50	60	96	81	91
23	63	24	47	93	62	75	75	50	61	93	83	88
24	66	17	37	94	56	71	76	61	68	91	84	87
25	46	2	19	95	54	79	73	64	68	92	84	87
26	59	5	34	92	82	87	83	69	75	94	81	88
27	65	15	41	95	79	86	85	76	81	98	78	92
28	56	12	30	97	76	88	90	74	81	97	90	94
29	78	8	48	97	81	91	92	74	85	95	86	91
30	100	18	59	105	71	90	92	71	78	100	87	94
31	84	19	43	---	---	---	83	69	73	100	88	96
MONTH	100	0	42	105	17	75	108	46	78	102	60	85
		FEBRUARY			MARCH			APRIL			MAY	
1	102	93	98	89	82	85	107	57	76	78	54	69
2	---	---	---	91	83	86	106	76	94	68	47	56
3	---	---	---	91	85	88	102	94	98	80	48	66
4	---	---	---	103	84	87	101	85	92	71	52	61
5	---	---	---	99	68	91	99	58	75	71	50	65
6	---	---	---	107	84	96	103	50	71	77	68	73
7	---	---	---	100	70	90	72	46	59	76	65	71
8	---	---	---	93	76	84	86	49	65	90	61	76
9	---	---	---	92	77	81	101	75	90	95	56	77
10	---	---	---	100	78	91	101	75	90	---	---	---
11	---	---	---	106	87	96	99	58	82	---	---	---
12	---	---	---	101	87	93	96	72	87	---	---	---
13	---	---	---	105	88	95	88	69	82	---	---	---
14	---	---	---	98	94	96	88	77	82	---	---	---
15	---	---	---	106	89	96	88	82	85	---	---	---
16	---	---	---	105	79	97	92	80	87	---	---	---
17	---	---	---	96	89	93	94	75	85	---	---	---
18	---	---	---	98	87	93	97	61	80	---	---	---
19	102	76	96	104	86	95	77	54	64	96	36	69
20	105	79	95	104	82	95	67	57	62	67	13	47
21	103	72	93	107	75	91	88	52	64	73	44	59
22	99	64	92	111	75	102	85	53	62	85	39	62
23	98	84	94	109	78	98	81	51	67	74	22	56
24	91	71	81	111	95	100	88	67	78	83	27	55
25	81	66	72	105	97	102	87	74	81	72	20	54
26	76	56	68	111	97	104	85	39	69	75	32	54
27	90	52	75	108	97	103	98	38	71	---	---	---
28	88	75	83	112	79	102	91	64	82	---	---	---
29	---	---	---	116	101	107	91	33	76	---	---	---
30	---	---	---	110	88	98	82	35	64	---	---	---
31	---	---	---	119	78	102	---	---	---	---	---	---
MONTH	---	---	---	119	68	95	107	33	77	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	86	7	42	103	60	79	81	40	65
2	---	---	---	70	9	33	93	36	74	76	35	56
3	---	---	---	92	0	62	100	21	71	91	14	68
4	---	---	---	85	23	63	115	10	55	84	63	77
5	---	---	---	80	16	64	80	8	35	87	74	80
6	---	---	---	87	26	65	66	1	26	90	78	83
7	32	9	16	87	4	47	73	0	23	93	80	85
8	31	3	11	93	4	58	59	0	10	91	69	83
9	17	1	8	100	22	56	27	0	5	95	66	86
10	14	1	4	100	22	48	73	0	14	88	68	84
11	51	1	10	56	9	29	35	0	12	---	---	---
12	47	1	18	58	0	21	13	0	2	---	---	---
13	24	1	6	88	4	50	9	0	1	---	---	---
14	25	1	10	85	31	45	21	0	1	---	---	---
15	20	1	6	82	9	51	33	0	2	---	---	---
16	58	3	18	83	8	44	13	0	2	---	---	---
17	76	13	48	100	5	49	83	0	12	---	---	---
18	87	21	54	84	4	50	77	1	19	---	---	---
19	83	52	73	84	5	48	70	3	38	---	---	---
20	90	73	81	97	10	64	55	1	27	---	---	---
21	93	53	81	85	6	49	55	1	21	89	50	72
22	90	43	72	82	1	44	52	1	16	109	51	81
23	89	41	71	96	4	35	41	1	9	129	59	85
24	87	67	78	90	5	48	87	0	30	94	32	75
25	81	44	70	95	1	57	85	34	63	89	56	81
26	83	55	66	87	7	51	90	67	77	85	32	68
27	76	48	60	77	1	29	85	43	70	82	40	71
28	73	31	50	94	1	26	85	27	63	85	39	71
29	80	26	47	73	28	50	80	53	65	93	58	72
30	71	21	46	66	40	54	74	9	57	89	65	79
31	---	---	---	88	20	74	84	22	61	---	---	---
MONTH	---	---	---	100	0	49	115	0	34	---	---	---

0209270650 CRAB POINT THOROFARE NEAR MOREHEAD CITY, NC

LOCATION.--Lat 34°44'18", long 76°42'25", Carteret County, Hydrologic Unit 03020106, at private dock on west side of Newport River near Crab Point Thorofare, near southern end of Secondary Road 1177, approximately 1.2 mi north of U.S. Highway 70 at Morehead City.

PERIOD OF RECORD.--June 2005 to February 2006 (discontinued).

PERIOD OF DAILY RECORD.--
SALINITY: June 2005 to February 2006.
pH: June 2005 to February 2006.
WATER TEMPERATURE: June 2005 to February 2006.
DISSOLVED OXYGEN: June 2005 to February 2006.
DISSOLVED OXYGEN, PERCENT SATURATION: June 2005 to February 2006.
TURBIDITY: June 2005 to February 2006.
CHLOROPHYLL: June 2005 to February 2006.

INSTRUMENTATION.--Water-quality monitor with satellite telemetry from June 2005 to February 2006.

REMARKS.--Station operated in cooperation with the National Oceanic and Atmospheric Administration (NOAA). The salinity is computed from specific conductance using the conversion from U.S. Geological Survey Water-Supply Paper 2311. Dissolved oxygen, percent saturation, is computed using a barometric pressure of 760 mm of Hg. The chlorophyll data have not been calibrated to actual chlorophyll values determined from samples sent to the National Water Quality Laboratory.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY, ppt	35.4, August 17, 2005	4.4, October 10, 2005
pH, standard units	8.6, December 24, 2005	7.1, October 9, 10, 2005
WATER TEMPERATURE , °C	33.5, August 21, 22, 2005	4.4, December 22, 2005
DISSOLVED OXYGEN , mg/L	12.1, December 22, 2005	3.0, August 12, 2005
DISSOLVED OXYGEN, PERCENT SATURATION, %	180, August 3, 2005	46, August 12, 2005
TURBIDITY, FNU	280, September 15, 2005	0.3, July 28, 2005
CHLOROPHYLL, total, fluorometric, 650-700 nm, in-situ sensor, ug/L	62.5, August 3, 2005	0.9, July 27, 2005

0209270650 CRAB POINT THOROFARE NEAR MOREHEAD CITY, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	31.8	23.9	28.2	---	---	---	34.4	30.2	32.3
2	---	---	---	32.4	25.1	29.0	33.0	21.4	26.4	35.0	30.0	32.2
3	---	---	---	31.7	23.5	27.6	33.2	18.4	26.5	34.7	30.2	32.5
4	---	---	---	32.0	24.7	27.7	32.3	20.0	26.5	35.0	30.7	32.6
5	---	---	---	32.2	24.4	28.0	32.2	21.9	27.4	34.5	28.5	31.6
6	---	---	---	32.2	25.3	28.9	32.1	24.9	28.4	32.5	22.8	27.1
7	---	---	---	32.5	26.2	29.2	31.7	25.4	28.4	31.7	19.6	24.4
8	---	---	---	32.5	27.9	30.3	31.9	25.6	28.7	31.4	20.0	24.7
9	---	---	---	32.4	25.3	29.2	32.3	25.8	29.4	30.6	20.8	24.8
10	---	---	---	32.4	27.5	29.6	32.6	26.6	29.9	28.7	21.3	23.5
11	---	---	---	32.2	27.8	29.8	33.2	27.7	30.6	22.6	16.4	18.6
12	---	---	---	32.3	27.8	30.3	33.2	27.9	30.6	---	---	---
13	---	---	---	32.5	25.5	29.8	33.4	27.7	30.7	32.2	17.5	23.2
14	---	---	---	31.9	25.9	28.8	33.6	28.2	31.2	33.6	21.2	28.2
15	---	---	---	32.0	25.5	28.4	35.0	29.0	31.9	33.0	14.1	21.7
16	---	---	---	32.5	23.2	27.6	35.1	29.8	32.4	33.7	13.1	23.0
17	---	---	---	32.6	23.3	28.1	35.4	29.7	32.4	33.4	16.9	24.6
18	---	---	---	32.9	24.2	28.7	35.1	29.7	32.4	32.7	19.1	26.1
19	---	---	---	33.3	25.5	29.2	35.1	28.2	32.1	32.6	17.1	25.3
20	---	---	---	33.3	27.0	30.0	35.0	29.7	32.6	32.5	17.7	26.3
21	---	---	---	33.5	26.8	30.1	34.9	30.9	32.7	32.8	20.0	26.1
22	---	---	---	34.1	28.5	31.2	34.9	31.3	33.0	32.6	20.1	26.6
23	33.9	26.5	29.6	33.8	25.7	30.4	34.9	31.0	32.7	32.8	20.8	27.3
24	33.5	26.0	29.3	33.6	26.9	30.1	34.2	30.7	32.2	32.6	22.3	27.1
25	33.4	25.2	28.8	33.7	27.3	30.6	34.2	30.3	31.9	31.4	21.7	25.6
26	33.0	25.6	29.0	33.9	29.0	31.2	33.7	26.8	29.9	31.9	21.8	26.8
27	32.9	25.3	29.0	34.1	27.1	31.1	33.5	26.1	29.4	31.9	23.5	27.8
28	32.5	25.8	29.2	33.6	28.4	30.9	33.5	26.4	30.0	31.4	23.3	27.0
29	32.3	25.4	28.8	---	---	---	34.2	27.3	30.7	33.0	24.7	29.4
30	31.8	21.1	27.8	---	---	---	34.8	28.7	32.0	32.2	24.2	28.3
31	---	---	---	---	---	---	34.7	30.7	32.9	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

0209270650 CRAB POINT THOROFARE NEAR MOREHEAD CITY, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	32.5	25.5	28.6	31.4	18.3	25.1	---	---	---	32.7	23.0	28.0
2	31.5	24.5	27.6	31.7	19.9	25.9	---	---	---	32.7	24.9	29.1
3	31.6	24.0	27.4	31.9	19.9	25.8	---	---	---	32.7	24.3	29.1
4	32.0	23.3	27.1	31.7	21.2	26.7	---	---	---	33.0	22.8	27.6
5	32.8	23.0	27.8	31.5	23.5	26.7	31.9	22.5	27.4	32.9	25.1	29.5
6	33.0	24.1	28.6	31.6	23.2	27.2	---	---	---	32.4	24.0	28.4
7	32.2	23.3	27.6	31.4	23.8	27.3	---	---	---	32.5	22.9	27.4
8	32.0	19.0	26.2	32.0	23.0	27.8	30.6	21.5	25.1	31.5	23.1	27.1
9	29.2	7.3	17.9	31.9	24.7	28.7	32.6	19.4	26.2	31.6	24.7	27.3
10	30.4	4.4	13.0	31.9	25.3	29.1	31.6	19.1	25.8	31.4	21.0	25.3
11	29.4	5.5	13.6	32.7	26.4	29.4	32.8	21.7	27.2	31.7	19.7	25.0
12	29.6	5.2	15.6	32.7	26.8	29.5	32.6	22.8	27.9	32.0	19.5	25.5
13	33.0	9.1	20.4	32.2	26.8	29.5	32.8	23.2	27.5	31.8	19.3	26.2
14	33.0	13.0	23.3	---	---	---	33.0	22.5	27.2	32.3	23.4	28.9
15	32.8	17.8	26.4	32.5	27.7	30.1	32.8	22.3	27.3	32.5	18.6	26.9
16	33.0	22.0	27.6	32.5	28.5	30.4	32.5	19.5	26.3	32.9	24.8	29.6
17	32.8	21.6	26.9	32.5	28.3	30.1	31.8	17.1	23.7	32.5	27.1	29.8
18	32.5	22.3	27.3	32.6	25.7	29.2	30.5	17.4	21.5	32.8	29.0	30.7
19	32.5	23.2	27.2	---	---	---	29.5	12.7	19.5	31.1	28.2	29.3
20	32.6	24.1	27.8	31.6	21.0	26.1	29.3	11.1	19.2	31.7	25.7	28.7
21	32.6	24.5	27.9	31.7	21.3	26.6	28.5	11.3	18.1	31.7	26.5	28.6
22	31.9	23.9	27.7	31.0	19.5	26.5	27.8	11.4	17.3	31.0	23.3	27.0
23	---	---	---	31.9	20.1	26.9	29.4	13.5	19.6	31.4	22.1	26.1
24	29.9	18.1	23.8	31.7	22.6	28.1	28.5	16.1	21.5	31.1	22.0	26.1
25	30.5	14.9	22.8	29.8	19.9	24.0	29.8	20.5	24.9	31.6	20.5	26.6
26	30.6	16.6	23.3	---	---	---	30.6	21.2	26.2	32.5	21.7	26.9
27	30.0	16.9	22.2	---	---	---	31.4	19.9	25.3	32.9	22.0	27.5
28	28.7	14.9	20.5	31.3	18.8	25.3	31.9	19.0	26.1	32.8	23.5	28.5
29	29.3	15.6	21.8	---	---	---	31.9	22.9	28.1	33.0	25.7	30.1
30	29.7	15.4	22.6	---	---	---	32.5	21.1	27.4	33.5	25.7	30.7
31	31.3	17.5	24.4	---	---	---	32.5	22.5	28.9	33.3	26.5	30.5
MONTH	---	---	---	---	---	---	---	---	---	33.5	18.6	28.0
		FEBRUARY			MARCH			APRIL			MAY	
1	33.0	26.4	30.3	---	---	---	---	---	---	---	---	---
2	33.0	27.2	30.7	---	---	---	---	---	---	---	---	---
3	33.0	29.1	31.1	---	---	---	---	---	---	---	---	---
4	33.0	29.8	31.1	---	---	---	---	---	---	---	---	---
5	33.0	29.5	30.9	---	---	---	---	---	---	---	---	---
6	32.5	27.9	29.9	---	---	---	---	---	---	---	---	---
7	31.9	26.7	29.1	---	---	---	---	---	---	---	---	---
8	31.9	25.2	28.4	---	---	---	---	---	---	---	---	---
9	31.9	22.3	27.1	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

0209270650 CRAB POINT THOROFARE NEAR MOREHEAD CITY, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	8.0	7.8	7.9	---	---	---	8.1	7.8	7.9
2	---	---	---	8.0	7.8	7.9	8.1	7.7	8.0	8.0	7.8	7.9
3	---	---	---	8.0	7.8	7.9	8.4	7.8	8.0	8.0	7.8	7.9
4	---	---	---	8.0	7.8	7.9	8.2	7.9	8.0	8.0	7.8	7.9
5	---	---	---	8.0	7.8	7.9	8.1	7.8	8.0	8.1	7.9	8.0
6	---	---	---	8.0	7.8	7.9	8.1	7.8	8.0	8.1	7.9	8.0
7	---	---	---	8.0	7.8	7.9	8.1	7.8	8.0	8.1	7.9	8.0
8	---	---	---	8.1	7.8	8.0	8.1	7.8	8.0	8.1	7.9	8.0
9	---	---	---	8.0	7.8	8.0	8.1	7.8	8.0	8.1	7.8	8.0
10	---	---	---	8.0	7.8	7.9	8.1	7.8	8.0	8.1	7.9	8.0
11	---	---	---	8.0	7.8	8.0	8.1	7.7	8.0	8.0	7.9	8.0
12	---	---	---	8.0	7.7	7.9	8.1	7.7	8.0	---	---	---
13	---	---	---	8.0	7.8	7.9	8.1	7.8	8.0	8.2	7.8	8.0
14	---	---	---	8.0	7.7	7.9	8.1	7.7	8.0	8.2	7.9	8.1
15	---	---	---	8.0	7.7	7.9	8.1	7.7	7.9	8.2	7.7	8.0
16	---	---	---	8.1	7.7	7.9	8.0	7.7	7.9	8.2	7.6	7.9
17	---	---	---	8.0	7.7	7.9	8.0	7.7	7.9	8.2	7.6	7.9
18	---	---	---	8.0	7.7	7.9	8.0	7.7	7.9	8.2	7.6	7.9
19	---	---	---	8.0	7.8	7.9	8.0	7.8	7.9	8.0	7.5	7.8
20	---	---	---	8.0	7.8	7.9	8.0	7.8	7.9	8.0	7.4	7.8
21	---	---	---	8.0	7.8	7.9	8.0	7.7	7.9	8.0	7.6	7.8
22	---	---	---	8.1	7.8	8.0	8.0	7.7	7.9	8.0	7.5	7.8
23	8.1	7.9	8.0	8.1	7.8	8.0	8.0	7.7	7.8	8.0	7.5	7.8
24	8.1	7.8	8.0	8.1	7.8	8.0	8.0	7.6	7.8	8.0	7.6	7.8
25	8.1	7.8	8.0	8.1	7.8	8.0	8.0	7.7	7.9	8.0	7.6	7.8
26	8.0	7.8	8.0	8.1	7.8	7.9	8.1	7.9	8.0	8.0	7.6	7.8
27	8.0	7.8	8.0	8.1	7.7	7.9	8.1	7.9	8.0	8.0	7.7	7.9
28	8.1	7.8	7.9	8.1	7.7	7.9	8.1	7.8	7.9	8.1	7.8	7.9
29	8.0	7.7	7.9	---	---	---	8.1	7.8	8.0	8.1	7.9	8.0
30	8.1	7.8	7.9	---	---	---	8.1	7.8	8.0	8.1	7.9	8.0
31	---	---	---	---	---	---	8.1	7.8	8.0	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

0209270650 CRAB POINT THOROFARE NEAR MOREHEAD CITY, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.1	7.9	8.0	---	---	---	---	---	---	8.2	8.1	8.2
2	8.1	8.0	8.0	---	---	---	---	---	---	8.2	8.1	8.2
3	8.1	8.0	8.1	---	---	---	---	---	---	8.2	8.1	8.2
4	8.2	8.0	8.1	---	---	---	---	---	---	8.2	8.0	8.1
5	8.1	7.9	8.1	---	---	---	8.3	8.2	8.3	8.2	7.9	8.1
6	8.1	7.9	8.0	---	---	---	---	---	---	8.0	7.9	8.0
7	8.1	7.8	8.0	---	---	---	---	---	---	8.0	7.8	8.0
8	8.1	7.8	8.0	---	---	---	8.5	8.2	8.3	8.0	7.9	8.0
9	8.1	7.1	7.7	---	---	---	8.5	8.3	8.4	8.0	7.9	8.0
10	8.1	7.1	7.5	---	---	---	8.5	8.3	8.4	8.0	7.9	8.0
11	8.1	7.2	7.5	8.2	8.0	8.1	8.5	8.4	8.4	8.1	7.9	8.0
12	8.0	7.2	7.6	8.1	8.0	8.1	8.5	8.4	8.4	8.1	8.0	8.0
13	8.1	7.4	7.8	8.1	8.0	8.1	8.5	8.3	8.4	8.1	8.0	8.0
14	8.1	7.5	7.8	---	---	---	8.5	8.3	8.4	8.0	7.9	8.0
15	8.1	7.6	7.9	8.1	8.0	8.1	8.4	8.3	8.3	8.0	7.8	8.0
16	8.1	7.7	7.9	8.1	8.0	8.1	8.3	8.2	8.3	8.0	7.9	8.0
17	8.1	7.7	7.9	8.2	8.0	8.1	8.3	8.1	8.2	8.0	7.9	8.0
18	8.1	7.7	7.9	8.2	8.1	8.2	8.4	8.2	8.2	8.0	7.9	8.0
19	8.1	7.8	8.0	---	---	---	8.4	8.2	8.3	8.0	7.9	8.0
20	8.1	7.8	8.0	8.2	8.2	8.2	8.4	8.0	8.3	8.0	7.9	8.0
21	8.1	7.9	8.0	8.2	8.1	8.2	8.4	8.0	8.3	8.0	7.9	8.0
22	8.1	7.8	8.0	8.2	8.1	8.2	8.4	8.1	8.3	8.0	7.9	7.9
23	---	---	---	8.2	8.1	8.2	8.5	8.3	8.4	8.0	7.9	8.0
24	8.1	7.8	7.9	8.2	8.1	8.2	8.6	8.4	8.5	8.0	7.9	8.0
25	8.1	7.8	8.0	8.2	8.0	8.1	8.4	8.3	8.4	8.0	7.9	8.0
26	---	---	---	---	---	---	8.4	8.2	8.3	8.0	7.9	8.0
27	---	---	---	---	---	---	8.3	8.2	8.2	8.0	7.9	8.0
28	---	---	---	8.2	8.1	8.2	8.3	8.2	8.3	8.0	8.0	8.0
29	---	---	---	---	---	---	8.3	8.2	8.2	8.0	8.0	8.0
30	---	---	---	---	---	---	8.2	8.2	8.2	8.0	8.0	8.0
31	---	---	---	---	---	---	8.2	8.2	8.2	8.0	7.9	8.0
MONTH	---	---	---	---	---	---	---	---	---	8.2	7.8	8.0
		FEBRUARY			MARCH			APRIL			MAY	
1	8.0	7.9	8.0	---	---	---	---	---	---	---	---	---
2	8.0	7.9	8.0	---	---	---	---	---	---	---	---	---
3	8.0	7.9	8.0	---	---	---	---	---	---	---	---	---
4	8.0	7.9	8.0	---	---	---	---	---	---	---	---	---
5	8.0	7.9	8.0	---	---	---	---	---	---	---	---	---
6	8.0	7.9	8.0	---	---	---	---	---	---	---	---	---
7	8.0	7.9	8.0	---	---	---	---	---	---	---	---	---
8	8.0	7.9	8.0	---	---	---	---	---	---	---	---	---
9	8.1	8.0	8.0	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

0209270650 CRAB POINT THOROFARE NEAR MOREHEAD CITY, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	29.3	26.8	27.9	---	---	---	30.6	28.4	29.4
2	---	---	---	29.5	27.3	28.3	30.8	27.3	28.4	31.2	28.7	29.6
3	---	---	---	30.6	27.4	28.6	32.3	27.6	29.0	31.7	28.5	29.5
4	---	---	---	30.6	27.2	28.5	33.3	28.3	29.9	29.0	26.9	28.2
5	---	---	---	31.6	27.6	29.2	32.4	29.1	30.2	27.1	25.8	26.7
6	---	---	---	32.2	28.0	29.5	32.5	29.2	30.4	26.7	25.2	25.9
7	---	---	---	32.7	28.5	30.1	30.3	28.8	29.6	26.9	24.4	25.7
8	---	---	---	31.6	28.4	29.7	28.9	27.7	28.4	27.6	24.6	26.1
9	---	---	---	32.2	28.8	30.0	30.5	27.6	28.9	27.5	24.8	26.2
10	---	---	---	32.2	28.8	30.0	31.6	28.0	29.5	26.6	24.0	25.1
11	---	---	---	30.9	29.1	29.8	31.9	28.5	30.0	24.8	23.7	24.1
12	---	---	---	32.1	28.6	29.8	32.3	29.2	30.5	---	---	---
13	---	---	---	29.5	27.3	28.6	32.1	29.3	30.6	25.8	24.7	25.4
14	---	---	---	28.1	27.1	27.6	32.1	29.6	30.7	25.6	24.7	25.2
15	---	---	---	29.4	26.6	27.8	32.0	29.8	30.8	25.9	24.2	24.6
16	---	---	---	30.4	27.9	28.8	32.3	29.8	30.7	26.6	24.5	25.6
17	---	---	---	30.0	28.1	28.9	31.4	29.2	30.0	28.7	25.9	27.0
18	---	---	---	29.9	28.0	28.7	31.9	28.8	29.7	29.7	26.9	27.8
19	---	---	---	30.6	27.8	28.8	32.8	28.9	30.1	28.9	27.4	28.0
20	---	---	---	31.7	27.8	29.1	32.3	29.4	30.4	29.8	27.1	28.2
21	---	---	---	31.9	27.4	29.1	33.5	29.7	31.0	29.9	27.0	28.2
22	---	---	---	31.4	27.5	28.9	33.5	30.1	31.4	29.7	26.6	28.1
23	28.7	24.5	25.9	32.1	27.9	29.3	31.3	30.0	30.6	29.5	26.7	28.2
24	29.2	24.6	26.4	30.9	28.1	29.1	30.5	29.0	29.7	28.8	26.7	27.9
25	26.9	25.2	26.0	31.0	27.5	28.8	29.1	26.6	28.0	28.4	26.0	27.3
26	28.9	25.1	26.5	31.3	28.3	29.4	28.4	25.7	27.2	27.5	25.6	26.8
27	30.7	25.9	27.9	32.6	29.2	30.3	27.7	26.2	27.0	27.2	25.8	26.7
28	28.9	27.3	27.9	33.2	29.9	31.0	28.9	26.4	27.6	26.5	24.4	25.7
29	27.8	26.0	26.6	---	---	---	29.0	27.5	28.3	27.3	25.3	26.2
30	28.5	25.7	26.8	---	---	---	30.5	28.1	28.9	27.2	24.2	25.5
31	---	---	---	---	---	---	30.9	28.5	29.4	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

0209270650 CRAB POINT THOROFARE NEAR MOREHEAD CITY, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	26.1	23.8	24.7	18.3	15.9	17.4	---	---	---	12.5	10.8	11.3
2	25.9	23.9	24.6	18.6	16.8	17.9	---	---	---	12.0	10.7	11.4
3	25.8	24.0	24.9	18.9	16.1	17.8	---	---	---	13.4	11.6	12.5
4	26.5	24.1	25.2	19.3	16.5	18.3	---	---	---	11.9	11.0	11.4
5	26.7	25.0	25.7	19.6	17.5	18.8	14.7	13.7	14.1	12.5	10.7	11.5
6	25.9	25.1	25.5	20.5	18.0	19.4	---	---	---	11.8	9.7	10.8
7	25.4	24.5	24.8	21.1	18.5	19.8	---	---	---	10.9	8.0	9.5
8	25.7	24.4	25.0	20.7	18.0	19.6	11.7	7.8	9.5	10.0	7.7	9.3
9	27.4	24.5	25.6	20.6	18.9	19.9	11.9	9.5	11.0	12.4	9.3	10.5
10	25.9	24.0	24.8	20.2	17.2	19.2	11.5	7.7	10.0	12.9	10.4	11.5
11	26.6	23.5	24.8	18.2	14.3	16.6	11.9	9.5	10.7	13.1	11.3	12.1
12	25.1	22.6	24.0	17.3	14.6	16.5	11.3	9.3	10.5	14.7	11.7	12.9
13	24.3	21.3	22.8	18.0	15.7	17.1	11.3	7.5	9.8	14.9	12.2	13.3
14	23.9	20.9	22.3	---	---	---	10.2	6.8	8.3	14.3	10.7	13.0
15	23.7	21.5	22.6	20.1	18.4	19.1	10.4	6.8	9.0	10.8	7.8	9.7
16	23.3	21.7	22.5	20.7	18.9	19.7	11.8	10.1	10.9	10.6	8.0	9.8
17	22.8	20.8	21.8	20.1	15.0	18.3	10.8	9.2	9.8	12.3	9.7	10.9
18	22.6	19.7	21.5	16.9	13.2	15.1	10.3	8.4	9.1	13.3	10.7	12.4
19	23.1	20.5	22.1	---	---	---	10.2	7.6	9.0	12.1	9.5	10.8
20	23.7	21.2	22.6	15.3	12.2	13.9	10.1	6.8	8.7	12.4	9.1	11.2
21	24.6	21.8	23.3	16.5	13.9	15.4	9.7	5.4	7.7	14.1	11.1	12.6
22	24.7	22.4	23.7	16.5	13.1	14.7	9.4	4.4	7.0	13.5	11.4	12.3
23	---	---	---	14.4	9.8	12.5	9.8	5.2	7.7	14.1	11.5	12.6
24	21.8	19.1	20.3	14.0	10.6	12.7	9.9	6.2	8.3	13.9	12.5	13.3
25	20.5	16.0	18.6	13.3	8.9	10.8	10.9	9.0	10	13.2	10.1	11.8
26	18.9	14.6	16.9	---	---	---	10.6	9.4	10.0	11.1	7.6	9.5
27	18.8	14.6	16.8	---	---	---	9.8	8.0	9.1	9.7	6.9	8.7
28	18.1	14.0	16.0	15.3	12.4	13.8	10.3	8.7	9.6	10.2	8.0	9.3
29	17.2	13.5	15.2	---	---	---	12.1	10.1	10.9	11.9	9.4	10.5
30	17.3	13.9	15.7	---	---	---	11.7	10.0	10.6	12.7	10.9	11.6
31	17.9	14.8	16.7	---	---	---	12.0	9.9	10.9	12.1	10.5	11.4
MONTH	---	---	---	---	---	---	---	---	---	14.9	6.9	11.3
		FEBRUARY			MARCH			APRIL			MAY	
1	11.7	9.5	10.6	---	---	---	---	---	---	---	---	---
2	11.9	9.4	10.9	---	---	---	---	---	---	---	---	---
3	14.2	11.5	12.7	---	---	---	---	---	---	---	---	---
4	14.3	11.9	13.3	---	---	---	---	---	---	---	---	---
5	12.8	9.8	11.4	---	---	---	---	---	---	---	---	---
6	10.7	7.9	9.6	---	---	---	---	---	---	---	---	---
7	10.2	8.5	9.4	---	---	---	---	---	---	---	---	---
8	10.0	7.5	9.2	---	---	---	---	---	---	---	---	---
9	9.6	7.5	8.8	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

0209270650 CRAB POINT THOROFARE NEAR MOREHEAD CITY, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	7.6	5.2	6.4	---	---	---	7.5	4.2	5.6
2	---	---	---	7.1	4.8	6.1	8.0	4.6	6.1	7.4	4.2	5.7
3	---	---	---	7.4	5.3	6.4	11.9	5.0	6.6	7.9	4.6	5.9
4	---	---	---	8.0	5.2	6.4	9.3	5.0	6.4	7.3	4.6	5.8
5	---	---	---	8.2	5.2	6.6	7.7	4.4	5.9	7.4	5.0	6.3
6	---	---	---	8.3	5.4	6.8	7.4	4.5	5.9	8.0	6.0	7.0
7	---	---	---	8.5	5.3	6.9	7.3	4.4	5.9	9.1	6.5	7.5
8	---	---	---	8.4	5.5	7.2	6.9	4.1	5.9	8.7	6.1	7.4
9	---	---	---	8.3	5.5	7.0	6.9	4.0	6.0	---	---	---
10	---	---	---	8.2	5.2	7.0	7.1	3.9	6.0	---	---	---
11	---	---	---	7.8	5.2	6.8	7.2	3.2	6.0	---	---	---
12	---	---	---	8.4	4.8	7.0	7.1	3.0	5.8	---	---	---
13	---	---	---	7.5	5.3	6.7	7.0	3.6	5.5	7.4	5.6	6.3
14	---	---	---	7.8	5.4	6.8	6.9	3.1	5.4	6.9	6.0	6.4
15	---	---	---	8.7	5.8	7.4	6.7	3.2	5.3	6.9	5.8	6.5
16	---	---	---	8.7	5.7	7.3	6.1	3.5	5.0	6.5	4.8	6.0
17	---	---	---	7.6	5.4	6.6	6.4	3.7	5.1	6.1	4.6	5.4
18	---	---	---	7.2	5.3	6.4	7.7	4.3	5.7	6.5	4.3	5.7
19	---	---	---	7.5	5.3	6.4	7.8	4.7	5.8	6.5	4.7	5.7
20	---	---	---	7.2	5.0	6.2	6.6	4.0	5.5	6.5	4.1	5.7
21	---	---	---	7.0	4.9	6.0	6.5	3.6	5.3	7.0	4.5	5.9
22	---	---	---	7.2	4.9	6.2	6.7	3.6	5.5	6.6	4.6	5.8
23	7.9	5.4	6.9	7.3	4.4	6.1	6.0	3.8	5.0	6.7	4.4	5.8
24	8.0	5.3	6.8	7.1	4.3	6.1	6.3	3.5	5.2	6.4	4.5	5.5
25	7.0	5.4	6.5	6.7	4.6	6.0	7.1	4.4	5.9	7.1	5.2	6.0
26	7.9	5.4	6.7	6.7	4.1	5.7	7.3	5.1	6.3	6.6	4.9	5.9
27	7.9	5.1	6.7	6.8	3.9	5.6	6.6	4.8	5.8	6.8	4.8	5.9
28	7.1	5.0	6.3	6.8	3.9	5.5	6.8	4.5	5.7	7.0	5.3	6.0
29	6.7	5.4	6.2	---	---	---	6.8	4.4	5.7	7.0	4.7	5.8
30	7.1	5.3	6.3	---	---	---	6.6	4.4	5.6	7.0	4.7	6.0
31	---	---	---	---	---	---	6.9	4.4	5.7	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

0209270650 CRAB POINT THOROFARE NEAR MOREHEAD CITY, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.8	5.5	6.3	8.6	7.2	7.9	---	---	---	9.4	8.3	8.8
2	8.3	5.8	6.6	8.4	7.4	7.8	---	---	---	9.0	8.2	8.7
3	7.9	6.1	6.7	8.8	7.3	7.9	---	---	---	9.1	8.3	8.8
4	8.1	6.0	6.7	8.8	7.5	7.9	---	---	---	9.4	8.3	8.9
5	7.2	5.7	6.5	8.6	7.3	7.9	9.1	8.2	8.6	9.4	8.5	8.9
6	6.8	5.5	6.2	8.2	7.2	7.7	---	---	---	9.5	8.6	8.9
7	6.6	5.5	6.2	8.1	6.9	7.6	---	---	---	9.8	8.7	9.3
8	6.7	6.2	6.5	8.3	6.8	7.5	10.4	8.8	9.7	10.1	8.9	9.6
9	6.8	5.3	6.0	7.8	6.7	7.3	10.1	8.9	9.5	10.1	9.2	9.5
10	6.6	5.7	6.1	7.6	6.8	7.3	10.4	9.0	9.7	10.0	9.0	9.5
11	6.4	5.7	6.1	8.2	7.2	7.6	10.2	8.7	9.5	10.3	8.9	9.4
12	6.5	5.8	6.2	8.5	7.2	7.7	10.4	8.9	9.5	10.5	8.8	9.4
13	6.7	5.5	6.1	8.6	7.2	7.7	10.3	8.9	9.6	10.3	8.7	9.3
14	6.5	5.7	6.0	---	---	---	10.9	9.0	10.1	9.1	8.6	8.8
15	6.4	5.3	6.0	8.1	7.0	7.4	10.7	9.2	9.9	10.7	8.9	9.5
16	6.8	5.3	6.2	7.8	6.8	7.4	10.6	9.2	9.8	10.0	9.0	9.4
17	7.2	5.9	6.6	8.0	6.7	7.4	10.5	9.3	10	9.9	9.0	9.4
18	7.5	6.0	6.8	9.2	7.5	8.2	10.9	9.5	10.4	9.3	8.7	9.0
19	7.8	6.2	7.0	---	---	---	11.8	9.6	10.8	10.2	8.9	9.5
20	7.6	6.4	7.0	9.7	8.1	8.8	11.7	9.9	10.9	10.2	9.3	9.7
21	7.4	6.1	6.8	8.6	7.7	8.2	11.9	9.9	11.1	10.0	9.2	9.5
22	7.4	5.8	6.7	8.8	7.6	8.2	12.1	10.0	11.3	9.8	8.9	9.4
23	---	---	---	9.2	8.0	8.6	11.5	9.7	10.9	10.0	9.0	9.5
24	7.4	6.8	7.2	9.1	8.2	8.7	11.0	9.6	10.3	9.7	8.6	9.1
25	8.3	7.0	7.6	10.0	8.5	9.4	9.6	8.9	9.2	9.9	8.6	9.3
26	8.3	7.2	7.8	---	---	---	9.4	8.7	9.1	10.8	9.1	9.9
27	8.3	7.5	7.9	---	---	---	9.8	8.7	9.2	11.1	9.5	10.4
28	8.7	7.5	8.1	9.8	8.5	9.0	9.9	8.4	9.0	11.1	9.6	10.3
29	9.2	7.5	8.3	---	---	---	9.2	8.5	8.8	10.5	9.3	9.9
30	9.0	7.5	8.2	---	---	---	9.5	8.4	8.8	9.9	9.1	9.4
31	8.8	7.3	8.0	---	---	---	9.1	8.0	8.7	9.5	8.9	9.3
MONTH	---	---	---	---	---	---	---	---	---	11.1	8.2	9.4
		FEBRUARY			MARCH			APRIL			MAY	
1	10.1	9.1	9.6	---	---	---	---	---	---	---	---	---
2	10.3	9.3	9.6	---	---	---	---	---	---	---	---	---
3	9.8	8.8	9.4	---	---	---	---	---	---	---	---	---
4	9.4	8.5	9.0	---	---	---	---	---	---	---	---	---
5	9.9	8.7	9.3	---	---	---	---	---	---	---	---	---
6	10.7	9.5	10	---	---	---	---	---	---	---	---	---
7	10.4	9.6	10	---	---	---	---	---	---	---	---	---
8	10.9	9.6	10.2	---	---	---	---	---	---	---	---	---
9	11.4	9.7	10.5	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

0209270650 CRAB POINT THOROFARE NEAR MOREHEAD CITY, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	115	76	97	---	---	---	119	66	88
2	---	---	---	108	71	93	121	67	91	118	66	90
3	---	---	---	113	80	96	180	74	100	127	71	93
4	---	---	---	123	78	97	145	75	98	113	71	90
5	---	---	---	128	79	101	121	67	91	110	74	95
6	---	---	---	132	81	106	117	69	92	115	86	101
7	---	---	---	136	81	108	113	67	91	128	88	106
8	---	---	---	133	85	112	105	61	89	124	83	106
9	---	---	---	131	83	110	107	59	92	---	---	---
10	---	---	---	131	79	110	112	58	93	---	---	---
11	---	---	---	123	80	107	116	48	94	---	---	---
12	---	---	---	135	73	110	115	46	91	---	---	---
13	---	---	---	118	81	102	114	55	88	102	75	88
14	---	---	---	117	80	102	112	50	86	98	83	92
15	---	---	---	135	84	111	108	50	85	97	79	89
16	---	---	---	132	84	111	98	55	80	91	66	83
17	---	---	---	116	82	101	102	58	82	92	63	79
18	---	---	---	110	79	97	124	68	90	99	61	85
19	---	---	---	116	82	98	126	74	92	99	68	84
20	---	---	---	114	78	96	107	64	88	100	59	85
21	---	---	---	111	76	93	108	57	86	103	65	87
22	---	---	---	113	76	96	111	58	89	103	65	87
23	119	78	101	116	68	95	98	61	80	104	64	87
24	121	76	101	111	66	94	101	54	81	99	65	83
25	103	78	95	105	69	93	110	66	90	106	74	88
26	119	77	99	107	62	89	110	74	94	100	68	86
27	124	75	102	109	60	88	100	69	86	100	69	86
28	109	74	95	112	61	88	105	65	86	100	73	86
29	100	78	91	---	---	---	107	67	87	104	70	85
30	107	75	93	---	---	---	105	67	87	99	69	87
31	---	---	---	---	---	---	111	70	90	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

0209270650 CRAB POINT THOROFARE NEAR MOREHEAD CITY, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	112	76	90	103	88	96	---	---	---	102	91	97
2	118	82	94	103	89	96	---	---	---	99	92	96
3	112	85	95	107	89	97	---	---	---	102	93	99
4	116	83	95	110	89	99	---	---	---	100	93	97
5	104	80	93	108	89	99	103	94	99	104	92	98
6	97	77	90	106	88	98	---	---	---	100	93	97
7	95	76	88	107	86	98	---	---	---	101	91	97
8	98	85	92	109	84	96	105	94	100	105	92	99
9	99	70	81	105	84	96	107	99	102	110	96	102
10	89	72	79	100	87	94	106	92	101	109	96	102
11	90	73	79	98	85	93	109	95	102	111	98	103
12	88	76	80	103	85	94	112	96	102	117	98	105
13	84	75	79	108	87	96	107	97	101	116	99	104
14	86	74	80	---	---	---	107	99	102	104	94	101
15	90	71	81	106	91	97	107	99	103	103	95	99
16	95	71	84	104	89	97	112	99	105	107	94	100
17	99	77	88	101	88	95	105	98	102	110	96	103
18	101	78	91	107	89	97	105	101	103	106	97	102
19	105	81	94	---	---	---	113	101	106	114	94	104
20	104	83	95	109	95	101	112	99	106	113	97	106
21	106	81	95	100	94	96	108	98	105	115	99	108
22	107	78	93	98	90	95	109	96	104	108	101	104
23	---	---	---	102	88	96	109	99	104	113	96	105
24	99	85	92	103	91	98	108	96	101	110	96	103
25	100	90	93	104	94	99	98	93	96	107	93	101
26	102	86	93	---	---	---	100	90	95	109	98	103
27	102	86	93	---	---	---	98	86	94	113	100	106
28	98	89	93	112	96	101	99	89	94	117	103	108
29	102	88	94	---	---	---	102	91	95	113	104	108
30	104	86	95	---	---	---	100	92	94	110	102	105
31	105	89	96	---	---	---	99	88	95	105	99	103
MONTH	---	---	---	---	---	---	---	---	---	117	91	102
		FEBRUARY			MARCH			APRIL			MAY	
1	111	97	104	---	---	---	---	---	---	---	---	---
2	115	99	106	---	---	---	---	---	---	---	---	---
3	115	99	107	---	---	---	---	---	---	---	---	---
4	109	98	105	---	---	---	---	---	---	---	---	---
5	111	96	104	---	---	---	---	---	---	---	---	---
6	114	98	106	---	---	---	---	---	---	---	---	---
7	109	101	105	---	---	---	---	---	---	---	---	---
8	114	99	107	---	---	---	---	---	---	---	---	---
9	115	102	108	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

0209270650 CRAB POINT THOROFARE NEAR MOREHEAD CITY, NC—Continued

TURBIDITY, WATER, MONOCHROME NEAR INFRA-RED LED LIGHT, 780-900 NM, DETECTION ANGLE 90 +/ -2.5 DEGREES, FNU
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	9.0	1.8	4.7	---	---	---	13	2.0	6.9
2	---	---	---	7.7	1.1	4.4	13	1.2	5.6	15	2.2	6.9
3	---	---	---	20	1.8	6.1	13	0.9	5.0	19	3.2	8.6
4	---	---	---	12	1.7	5.5	17	1.1	5.9	28	2.8	9.8
5	---	---	---	8.9	1.2	4.7	16	0.9	5.9	35	3.7	13
6	---	---	---	10	1.2	5.0	14	1.4	6.3	27	5.2	14
7	---	---	---	11	1.2	5.4	13	1.6	6.9	21	3.9	10
8	---	---	---	13	2.0	6.8	13	1.5	6.6	13	3.4	7.7
9	---	---	---	13	2.6	7.2	13	1.8	6.5	17	3.1	8.6
10	---	---	---	12	2.8	7.0	19	2.5	6.8	32	5.7	18
11	---	---	---	11	2.7	6.9	---	---	---	39	12	22
12	---	---	---	9.8	2.7	6.1	---	---	---	---	---	---
13	---	---	---	18	2.1	7.1	---	---	---	52	8.5	16
14	---	---	---	18	0.9	6.4	---	---	---	150	11	57
15	---	---	---	10	1.6	6.0	---	---	---	280	19	110
16	---	---	---	9.7	1.5	5.5	14	2.0	7.4	190	14	57
17	---	---	---	10	1.2	5.5	19	2.2	8.6	120	9.8	39
18	---	---	---	13	1.2	6.5	18	2.6	9.4	97	3.5	27
19	---	---	---	15	1.6	7.6	16	2.1	9.0	59	3.0	21
20	---	---	---	16	1.7	8.0	15	1.4	8.2	39	2.5	18
21	---	---	---	15	1.5	8.1	15	1.5	8.7	30	2.2	15
22	---	---	---	13	0.5	6.8	14	2.8	9.0	24	1.9	12
23	16	1.8	7.5	16	1.0	6.8	17	3.3	9.0	17	2.5	8.8
24	10	1.5	6.4	20	1.1	8.1	25	3.5	11	---	---	---
25	15	1.5	7.2	10	1.2	6.3	15	4.8	9.4	---	---	---
26	11	2.2	7.2	8.0	0.6	5.0	12	4.0	7.5	---	---	---
27	8.9	2.1	6.0	8.6	0.7	4.6	9.0	3.4	6.2	---	---	---
28	9.2	1.8	5.1	9.5	0.3	4.8	9.9	3.0	5.7	---	---	---
29	14	1.7	6.8	---	---	---	10	1.9	5.3	17	3.0	8.0
30	10	1.3	5.4	---	---	---	9.1	1.8	4.9	64	6.4	14
31	---	---	---	---	---	---	14	2.5	6.8	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

0209270650 CRAB POINT THOROFARE NEAR MOREHEAD CITY, NC—Continued

TURBIDITY, WATER, MONOCHROME NEAR INFRA-RED LED LIGHT, 780-900 NM, DETECTION ANGLE 90 +/ -2.5 DEGREES, FNU
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	26	4.7	11	10	3.8	7.0	---	---	---	14	3.7	7.1
2	25	3.7	11	32	5.2	13	---	---	---	16	3.6	7.4
3	21	4.5	11	14	4.2	8.6	---	---	---	28	3.2	11
4	22	3.6	10	12	3.7	7.6	---	---	---	28	4.3	12
5	23	4.2	11	13	3.3	7.3	18	3.9	9.3	7.7	2.2	4.8
6	22	5.1	12	12	3.6	7.4	---	---	---	23	2.5	9.0
7	39	5.4	16	14	4.3	7.4	---	---	---	10	1.7	4.3
8	32	7.0	17	11	3.3	6.5	24	4.2	9.4	5.5	1.4	2.9
9	24	4.9	12	27	2.9	6.7	31	3.8	12	16	2.0	5.0
10	32	6.3	14	34	3.5	9.8	12	4.4	7.4	16	2.2	7.2
11	28	6.1	13	17	2.3	6.3	15	4.4	7.1	11	1.8	5.7
12	30	4.8	13	13	1.9	4.8	11	3.8	5.9	7.7	1.9	4.4
13	23	4.0	10	8.5	1.4	4.9	50	3.8	17	10	1.8	4.0
14	21	3.7	9.7	12	1.4	5.5	28	4.6	12	39	2.4	7.0
15	20	3.7	9.7	10	1.7	6.1	13	3.5	6.4	91	4.0	31
16	15	3.4	9.4	13	2.3	6.7	14	3.6	6.5	25	2.8	9.3
17	17	3.1	9.0	41	3.8	11	18	4.5	7.6	18	1.6	6.6
18	17	3.1	8.8	23	2.3	8.7	42	5.9	19	39	5.6	16
19	14	3.1	8.8	---	---	---	26	3.1	10	18	3.6	7.7
20	14	2.9	8.8	6.5	1.2	2.9	13	2.8	7.5	9.0	2.0	4.6
21	12	2.8	7.4	26	1.3	6.8	11	3.5	6.4	7.5	1.8	3.7
22	16	2.5	7.3	19	2.5	9.6	11	2.8	4.8	38	3.7	15
23	---	---	---	18	3.1	6.8	32	2.4	4.5	14	1.8	5.7
24	28	3.4	8.9	15	3.1	7.1	16	2.0	3.6	22	2.5	7.9
25	20	2.4	9.5	30	5.5	14	12	1.8	4.4	38	3.3	11
26	12	5.3	8.0	---	---	---	11	3.5	6.3	30	5.0	18
27	14	4.2	6.3	---	---	---	14	4.3	7.5	27	2.9	11
28	35	5.7	12	17	3.2	6.7	14	3.4	6.7	14	3.1	6.1
29	17	4.9	8.8	---	---	---	12	4.7	7.5	15	2.5	6.9
30	12	4.3	6.5	---	---	---	13	4.7	7.3	20	3.1	7.0
31	12	4.2	6.6	---	---	---	16	5.1	7.8	70	3.6	18
MONTH	---	---	---	---	---	---	---	---	---	91	1.4	8.9
		FEBRUARY			MARCH			APRIL			MAY	
1	27	3.5	12	---	---	---	---	---	---	---	---	---
2	8.8	1.9	5.3	---	---	---	---	---	---	---	---	---
3	31	2.3	7.5	---	---	---	---	---	---	---	---	---
4	17	2.5	6.8	---	---	---	---	---	---	---	---	---
5	38	3.4	11	---	---	---	---	---	---	---	---	---
6	20	3.1	6.1	---	---	---	---	---	---	---	---	---
7	14	2.2	4.8	---	---	---	---	---	---	---	---	---
8	11	1.9	4.1	---	---	---	---	---	---	---	---	---
9	9.7	1.4	4.0	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

0209270650 CRAB POINT THOROFARE NEAR MOREHEAD CITY, NC—Continued

CHLOROPHYLL, TOTAL, WATER, FLUOROMETRIC, 650-700 NANOMETERS, IN-SITU SENSOR, MICROGRAMS PER LITER
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	12.3	2.7	6.2	---	---	---	17.5	4.1	8.1
2	---	---	---	10.9	2.1	5.2	22.4	4.0	9.4	12.1	4.0	7.4
3	---	---	---	10.7	2.0	5.9	62.5	3.1	10.7	11.6	3.6	6.8
4	---	---	---	11.0	2.1	6.4	39.4	3.0	10.1	12.2	3.3	6.9
5	---	---	---	12.1	2.0	6.1	16.4	3.2	7.9	13.8	4.2	7.8
6	---	---	---	11.6	2.3	5.6	15.2	2.2	7.2	13.4	4.9	8.9
7	---	---	---	10.4	1.7	5.5	17.7	3.1	7.9	12.3	5.9	9.0
8	---	---	---	15.3	2.1	5.6	19.4	2.7	7.9	10.7	5.4	8.2
9	---	---	---	12.4	2.2	6.8	14.8	3.1	7.3	12.4	5.4	8.0
10	---	---	---	8.5	2.0	5.6	13.7	3.2	7.5	15.0	5.8	10.7
11	---	---	---	10.7	1.9	6.1	12.4	2.9	6.9	13.0	10.0	11.2
12	---	---	---	9.9	2.3	6.1	14.9	3.2	7.2	---	---	---
13	---	---	---	9.9	3.2	6.2	30.2	3.2	8.1	16.1	5.9	10.9
14	---	---	---	11.0	2.5	6.9	27.8	3.5	8.2	16.6	6.6	10.8
15	---	---	---	11.5	4.9	8.3	17.2	3.0	7.9	20.2	5.0	13.4
16	---	---	---	15.4	4.7	9.1	12.2	2.6	5.9	17.0	3.0	9.3
17	---	---	---	13.5	3.9	7.8	16.8	2.8	6.9	14.9	2.6	7.9
18	---	---	---	13.1	3.6	7.6	16.2	3.3	8.5	11.7	3.6	7.8
19	---	---	---	15.2	2.9	8.3	17.5	2.4	8.0	15.4	3.6	8.2
20	---	---	---	16.5	2.9	7.7	12.0	2.1	6.0	11.1	3.4	7.6
21	---	---	---	18.5	3.9	9.5	9.6	2.0	5.5	17.8	3.9	8.6
22	---	---	---	19.6	1.9	8.1	9.1	1.7	5.4	10.9	4.3	7.9
23	8.4	2.2	4.9	11.5	2.0	5.4	9.0	1.7	5.6	10.3	4.1	7.3
24	8.5	2.2	4.9	11.0	1.9	5.5	11.6	3.0	6.5	11.0	4.7	7.4
25	9.7	2.2	5.9	8.2	1.5	4.8	12.0	3.7	7.5	11.3	5.6	8.8
26	9.4	2.7	6.0	8.3	1.3	3.9	14.9	4.3	7.8	11.3	5.8	8.3
27	10.9	3.1	5.7	8.6	0.9	4.0	17.4	4.0	7.5	10.4	4.7	7.5
28	7.1	2.8	5.1	12.0	1.7	4.5	15.8	4.1	7.2	13.9	5.5	7.8
29	9.2	2.8	5.2	---	---	---	13.8	4.5	7.0	12.7	3.6	6.9
30	11.1	3.4	6.1	---	---	---	10.1	3.3	5.9	19.5	5.0	9.4
31	---	---	---	---	---	---	13.6	3.3	6.3	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

0209270650 CRAB POINT THOROFARE NEAR MOREHEAD CITY, NC—Continued

CHLOROPHYLL, TOTAL, WATER, FLUOROMETRIC, 650-700 NANOMETERS, IN-SITU SENSOR, MICROGRAMS PER LITER
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	18.8	4.2	10.1	11.6	3.9	7.1	---	---	---	12.8	3.9	7.3
2	19.8	5.4	11.0	12.0	3.9	7.5	---	---	---	11.5	4.8	7.5
3	18.7	5.1	10.8	9.4	3.7	6.7	---	---	---	13.5	3.5	7.2
4	16.9	5.2	10.2	12.2	3.8	6.5	---	---	---	14.0	4.4	8.6
5	16.7	5.4	9.5	9.5	3.5	6.3	11.2	4.6	7.3	8.2	3.1	5.3
6	14.1	5.6	9.3	10.4	3.2	6.3	---	---	---	21.6	3.1	6.6
7	12.1	5.1	7.9	10.5	3.0	6.2	---	---	---	8.5	3.1	5.9
8	10.0	5.0	7.4	9.3	2.6	5.9	12.4	5.3	8.7	8.6	2.9	5.2
9	15.6	5.6	10.9	9.3	2.1	5.3	15.3	4.0	8.6	7.3	3.0	5.2
10	20.5	5.5	14.4	10.2	2.8	5.5	11.8	5.0	8.2	10.3	2.7	6.8
11	21.2	6.0	15.3	8.5	2.1	5.0	10.7	4.0	7.5	16.8	3.0	8.7
12	20.1	4.7	13.6	7.2	1.8	4.6	10.0	4.3	7.0	17.1	3.0	8.9
13	18.0	1.9	10.8	6.9	2.8	4.8	12.2	4.1	8.4	24.6	3.3	8.8
14	15.7	2.1	9.0	8.5	2.7	5.2	10.7	4.2	7.9	11.5	2.5	5.6
15	12.1	2.3	6.7	8.0	2.2	5.1	10.4	4.2	7.0	16.8	2.5	9.9
16	8.6	2.8	6.1	6.9	2.6	5.0	12.5	3.6	7.2	8.8	1.9	5.1
17	10.1	2.8	7.1	9.7	3.1	6.3	13.2	4.2	9.2	6.8	1.4	4.4
18	10.8	2.9	7.2	9.3	2.7	6.1	16.9	5.9	13.1	8.5	2.3	5.3
19	11.1	3.7	7.5	---	---	---	19.1	4.3	13.8	6.6	2.3	4.9
20	9.4	3.9	6.8	8.3	3.5	6.2	19.0	4.3	12.9	5.5	2.8	4.4
21	8.7	3.4	6.3	8.0	3.0	5.5	19.9	6.7	13.4	5.8	2.7	4.2
22	8.7	3.9	6.1	10.4	3.6	6.3	23.6	6.8	14.0	11.1	3.3	7.0
23	---	---	---	9.7	2.6	5.6	29.6	6.4	16.0	8.6	3.6	6.2
24	10.2	4.7	7.6	7.1	3.1	4.9	39.2	7.2	16.6	8.3	3.7	5.8
25	12.3	5.5	8.3	11.2	4.5	8.2	30.9	6.7	13.3	11.2	3.1	6.1
26	10.9	5.5	8.0	---	---	---	19.2	6.1	11.5	10.7	4.6	8.1
27	10.3	5.7	8.1	---	---	---	22.6	6.0	12.6	9.7	3.8	6.6
28	14.3	6.7	9.7	10.4	3.8	6.7	46.8	5.6	13.0	7.6	2.9	4.9
29	14.3	5.2	9.0	---	---	---	29.9	5.4	9.7	7.1	2.5	4.4
30	11.5	4.2	7.9	---	---	---	16.0	4.7	9.2	6.7	2.0	4.1
31	10.8	3.7	7.1	---	---	---	14.4	4.8	8.2	11.7	2.5	5.4
MONTH	---	---	---	---	---	---	---	---	---	24.6	1.4	6.3
		FEBRUARY			MARCH			APRIL			MAY	
1	7.3	1.4	4.7	---	---	---	---	---	---	---	---	---
2	5.3	1.7	3.4	---	---	---	---	---	---	---	---	---
3	6.4	1.8	3.4	---	---	---	---	---	---	---	---	---
4	5.9	1.7	3.6	---	---	---	---	---	---	---	---	---
5	7.7	2.3	4.3	---	---	---	---	---	---	---	---	---
6	5.9	2.7	4.1	---	---	---	---	---	---	---	---	---
7	6.4	3.1	4.3	---	---	---	---	---	---	---	---	---
8	5.9	3.0	4.5	---	---	---	---	---	---	---	---	---
9	9.5	3.0	5.8	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

0209270680 GALLANT CHANNEL AT AIRPORT AT BEAUFORT, NC

LOCATION.--Lat 34°43'38", long 76°39'58", Carteret County, Hydrologic Unit 03020106, at Maritime Museum dock, on east side of Newport River, near the mouth of Town Creek and Gallant Channel, approximately 0.3 mi north of U.S. Highway 70 at Beaufort.

PERIOD OF RECORD.--June 2005 to February 2006 (discontinued).

PERIOD OF DAILY RECORD.--
SALINITY: June 2005 to February 2006.
pH: June 2005 to February 2006.
WATER TEMPERATURE: June 2005 to February 2006.
DISSOLVED OXYGEN: June 2005 to January 2006.
DISSOLVED OXYGEN, PERCENT SATURATION: June 2005 to January 2006.
TURBIDITY: June 2005 to January 2006.
CHLOROPHYLL: June 2005 to February 2006.

INSTRUMENTATION.--Water-quality monitor with satellite telemetry from June 2005 to February 2006.

REMARKS.--Station operated in cooperation with the National Oceanic and Atmospheric Administration (NOAA). The salinity is computed from specific conductance using the conversion from U.S. Geological Survey Water-Supply Paper 2311. Dissolved oxygen, percent saturation, is computed using a barometric pressure of 760 mm of Hg. The chlorophyll data have not been calibrated to actual chlorophyll values determined from samples sent to the National Water Quality Laboratory.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY, ppt	35.5, August 31, September 1, 2005	14.7, September 15, 2005
pH, standard units	8.5, December 22, 23, 24, 2005	7.6, September 17, October 9, 10, 11, 2005
WATER TEMPERATURE , °C	32.7, August 22, 2005	6.3, December 24, 2005
DISSOLVED OXYGEN , mg/L	10.0, January 8, 2006	4.6, August 22, 23, 24, 2005
DISSOLVED OXYGEN, PERCENT SATURATION, %	128, July 15, 2005	72, August 24, September 17, 2005
TURBIDITY, FNU	77, September 14, 2005	0.1, August 22, September 5, 2005
CHLOROPHYLL, total, fluorometric, 650-700 nm, in-situ sensor, ug/L	29.7, August 25, 2005	1.5, July 23, 2005

0209270680 GALLANT CHANNEL AT AIRPORT AT BEAUFORT, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	30.7	26.9	28.8	31.6	26.8	29.9	35.5	33.6	34.8
2	---	---	---	31.4	28.2	29.6	32.5	29.1	30.9	35.3	33.3	34.5
3	---	---	---	32.0	29.2	30.5	32.1	28.4	30.8	35.1	33.0	34.3
4	---	---	---	31.8	29.0	30.7	32.4	29.4	30.7	35.2	33.1	34.4
5	---	---	---	31.4	28.7	30.3	32.5	29.1	31.1	35.1	31.3	34.0
6	---	---	---	30.8	28.5	29.8	32.7	29.7	31.4	34.7	29.0	32.4
7	---	---	---	31.5	28.7	29.9	33.0	30.4	31.9	33.0	26.9	30.6
8	---	---	---	32.5	29.9	31.3	33.1	30.9	32.2	31.9	27.2	30.0
9	---	---	---	32.1	30.2	31.3	33.5	31.3	32.2	30.9	28.4	29.9
10	---	---	---	32.1	30.2	31.1	33.5	31.4	32.4	31.0	23.5	28.4
11	---	---	---	32.0	30.1	31.0	33.6	31.0	32.7	28.4	23.3	25.9
12	---	---	---	31.7	30.1	30.8	33.6	31.9	32.7	27.6	22.1	25.4
13	---	---	---	32.4	26.6	30.5	33.7	31.9	32.8	30.3	25.6	27.6
14	---	---	---	31.9	27.0	29.8	34.0	32.1	33.0	33.3	26.6	29.9
15	---	---	---	31.6	26.3	29.2	33.9	31.9	32.9	28.9	14.7	20.9
16	---	---	---	30.4	24.9	28.2	34.6	31.8	33.1	28.7	17.6	22.2
17	---	---	---	30.9	25.8	28.2	34.8	32.0	33.5	29.8	19.4	25.1
18	---	---	---	31.2	26.8	28.6	35.0	32.8	34.1	29.8	22.1	26.0
19	---	---	---	31.1	26.7	28.6	34.6	32.7	33.9	30.6	23.9	27.8
20	---	---	---	31.4	27.5	29.2	34.8	31.9	33.7	30.1	24.9	27.9
21	---	---	---	32.7	28.7	30.5	34.7	32.7	33.8	30.6	25.1	28.5
22	---	---	---	34.6	29.6	31.7	35.0	33.0	34.0	31.1	27.2	29.2
23	---	---	---	34.7	31.4	33.3	34.8	32.1	33.8	31.0	27.3	28.9
24	32.7	29.6	31.3	34.7	32.5	33.7	34.5	32.6	33.7	30.7	27.6	29.2
25	32.7	29.8	31.4	34.4	31.7	33.2	34.4	32.3	33.7	30.6	27.0	29.3
26	32.4	28.1	30.7	34.2	31.4	32.9	34.7	31.9	33.7	30.9	27.7	29.4
27	31.9	27.7	30.3	34.6	32.2	33.3	34.7	32.2	33.5	31.0	28.7	30.0
28	31.9	28.2	30.5	34.9	32.6	33.9	34.7	32.8	33.9	32.4	29.9	31.2
29	31.8	27.3	30.1	34.9	32.6	33.8	35.2	33.3	34.4	32.4	30.8	31.4
30	30.6	26.7	29.1	34.2	31.1	32.9	35.3	33.6	34.5	32.8	30.4	31.9
31	---	---	---	32.9	26.1	31.1	35.5	34.2	34.9	---	---	---
MONTH	---	---	---	34.9	24.9	30.9	35.5	26.8	32.9	35.5	14.7	29.4

0209270680 GALLANT CHANNEL AT AIRPORT AT BEAUFORT, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	32.4	30.2	31.4	---	---	---	32.5	27.4	30.2	32.7	27.9	30.5
2	31.2	28.2	29.9	---	---	---	32.3	26.3	29.4	33.0	29.3	31.1
3	30.8	27.9	29.6	---	---	---	32.5	27.0	30.1	32.5	28.9	30.5
4	30.5	27.3	29.3	---	---	---	30.6	27.1	28.8	32.9	29.4	31.1
5	31.4	28.4	30.2	---	---	---	32.8	27.1	30.0	32.7	30.4	31.4
6	32.1	29.4	30.9	---	---	---	31.8	27.1	30.2	32.8	30.0	31.5
7	31.4	21.6	28.4	---	---	---	32.1	26.9	30.0	32.5	27.6	30.6
8	31.6	17.4	26.3	---	---	---	31.4	25.6	29.4	30.2	25.7	28.2
9	27.8	19.3	23.3	---	---	---	32.2	24.6	29.1	30.1	25.4	27.3
10	25.3	18.8	21.8	---	---	---	31.4	26.2	29.3	29.9	22.7	28.1
11	26.5	17.6	22.0	32.7	30.4	31.7	30.9	26.2	28.5	30.6	22.1	28.1
12	26.6	21.5	24.8	32.7	30.6	31.9	32.4	26.4	29.8	30.6	25.4	28.8
13	27.8	23.3	25.8	32.9	30.3	31.7	33.1	28.7	31.2	31.3	26.6	29.4
14	30.9	25.0	27.8	32.9	30.4	31.6	33.0	28.2	30.9	31.6	28.9	30.1
15	31.5	27.1	29.1	33.0	30.5	31.6	33.1	26.2	30.9	30.4	26.8	28.4
16	32.0	27.3	29.6	33.1	30.1	31.6	32.3	24.5	29.0	32.9	28.1	30.9
17	31.6	28.2	29.5	33.0	30.1	31.6	31.0	26.1	29.0	33.2	29.9	31.8
18	31.1	25.8	28.0	32.7	28.8	31.0	30.4	20.8	25.8	33.0	29.7	31.9
19	30.9	25.8	27.8	32.3	28.7	30.6	25.8	19.6	23.8	31.6	29.5	30.5
20	29.7	25.8	27.8	31.2	27.5	29.7	25.7	21.0	23.5	31.5	28.6	30.6
21	31.3	26.6	29.0	32.4	27.3	29.9	27.0	22.1	24.6	31.5	28.5	30.2
22	31.8	28.4	29.7	30.4	26.5	28.7	27.2	21.7	24.6	31.9	26.6	30.4
23	30.4	27.3	29.3	28.1	25.1	26.5	27.1	20.9	23.7	30.9	25.6	28.6
24	30.9	23.1	28.7	30.3	27.8	29.1	26.6	21.2	23.6	30.6	27.3	29.0
25	23.1	18.0	20.8	31.3	27.1	29.0	29.6	24.5	26.9	30.5	26.6	28.4
26	26.8	19.0	21.6	29.7	25.9	28.3	28.7	22.6	25.6	29.9	26.3	28.2
27	---	---	---	30.2	25.6	29.0	29.7	22.6	26.9	32.4	27.3	30.6
28	---	---	---	31.5	27.8	30.4	31.0	25.7	29.0	33.3	28.4	30.8
29	---	---	---	32.7	27.9	31.0	32.0	26.8	29.4	33.3	29.0	31.3
30	---	---	---	32.2	27.1	29.9	31.9	26.3	29.2	33.8	29.9	32.6
31	---	---	---	---	---	---	32.5	27.8	29.8	33.5	31.0	32.5
MONTH	---	---	---	---	---	---	33.1	19.6	28.1	33.8	22.1	30.1
		FEBRUARY			MARCH			APRIL			MAY	
1	33.6	31.0	32.4	---	---	---	---	---	---	---	---	---
2	33.8	30.9	32.9	---	---	---	---	---	---	---	---	---
3	33.6	31.0	32.8	---	---	---	---	---	---	---	---	---
4	33.7	31.9	32.7	---	---	---	---	---	---	---	---	---
5	33.7	29.8	32.3	---	---	---	---	---	---	---	---	---
6	32.7	28.9	31.0	---	---	---	---	---	---	---	---	---
7	32.5	28.8	30.9	---	---	---	---	---	---	---	---	---
8	32.2	27.4	30.4	---	---	---	---	---	---	---	---	---
9	31.6	27.1	30.0	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

0209270680 GALLANT CHANNEL AT AIRPORT AT BEAUFORT, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	8.1	8.0	8.0	8.0	7.9	8.0	8.2	8.1	8.1
2	---	---	---	8.0	7.9	8.0	8.1	7.9	8.0	8.1	8.0	8.1
3	---	---	---	8.0	7.9	7.9	8.1	7.9	8.0	8.0	7.9	8.0
4	---	---	---	7.9	7.9	7.9	8.0	7.9	8.0	8.0	7.9	8.0
5	---	---	---	7.9	7.8	7.9	8.1	7.9	8.0	8.0	7.9	8.0
6	---	---	---	8.0	7.8	7.9	8.1	7.9	8.0	8.0	7.9	8.0
7	---	---	---	8.0	7.8	7.9	8.1	8.0	8.0	8.0	7.9	8.0
8	---	---	---	8.0	7.8	7.9	8.1	8.0	8.0	8.1	7.9	8.0
9	---	---	---	8.0	7.9	7.9	8.1	7.9	8.0	8.1	8.0	8.0
10	---	---	---	8.0	7.9	7.9	8.1	8.0	8.0	8.0	8.0	8.0
11	---	---	---	8.0	7.9	7.9	8.1	8.0	8.0	8.0	7.9	8.0
12	---	---	---	8.0	7.8	7.9	8.1	8.0	8.0	8.0	7.9	8.0
13	---	---	---	8.0	7.9	7.9	8.1	8.0	8.0	8.1	7.9	8.0
14	---	---	---	8.0	7.8	7.9	8.1	8.0	8.0	8.1	8.0	8.1
15	---	---	---	8.1	8.0	8.0	8.1	8.0	8.0	8.0	7.8	7.9
16	---	---	---	8.1	8.0	8.0	8.0	7.9	8.0	8.1	7.8	7.9
17	---	---	---	8.1	7.9	8.0	8.1	7.9	8.0	8.1	7.6	7.9
18	---	---	---	8.1	7.9	8.0	8.1	8.0	8.0	8.1	7.8	7.9
19	---	---	---	8.1	7.9	8.0	8.1	7.9	8.0	8.1	7.8	8.0
20	---	---	---	8.1	8.0	8.0	8.0	7.9	8.0	8.1	7.9	8.0
21	---	---	---	8.1	8.0	8.0	8.0	7.9	8.0	8.1	7.9	8.0
22	---	---	---	8.1	7.9	8.0	8.0	7.9	8.0	8.1	7.9	8.0
23	---	---	---	8.1	7.9	8.0	8.0	7.9	8.0	8.1	8.0	8.0
24	8.1	8.0	8.0	8.1	8.0	8.1	8.0	7.9	8.0	8.1	8.0	8.0
25	8.1	8.0	8.0	8.1	8.0	8.0	8.2	7.9	8.0	8.1	8.0	8.0
26	8.1	7.9	8.0	8.1	7.9	8.0	8.2	8.1	8.1	8.1	7.9	8.0
27	8.1	7.9	8.0	8.1	8.0	8.0	8.2	8.1	8.1	8.1	8.0	8.0
28	8.1	7.9	8.0	8.1	8.0	8.0	8.2	8.1	8.1	8.1	8.0	8.0
29	8.0	7.9	8.0	8.1	8.0	8.0	8.2	8.1	8.1	8.1	8.0	8.0
30	8.1	7.9	8.0	8.1	8.0	8.0	8.1	8.0	8.1	8.1	8.0	8.0
31	---	---	---	8.0	7.9	8.0	8.2	8.0	8.1	---	---	---
MONTH	---	---	---	8.1	7.8	8.0	8.2	7.9	8.0	8.2	7.6	8.0

0209270680 GALLANT CHANNEL AT AIRPORT AT BEAUFORT, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.1	8.0	8.0	---	---	---	8.0	8.0	8.0	8.4	8.0	8.2
2	8.1	8.0	8.0	---	---	---	8.1	8.0	8.0	8.4	8.1	8.2
3	8.1	8.0	8.0	---	---	---	8.1	8.0	8.1	8.3	8.1	8.1
4	8.1	8.0	8.1	---	---	---	8.1	8.0	8.1	8.4	7.9	8.2
5	8.1	8.0	8.1	---	---	---	8.1	8.0	8.0	8.4	8.1	8.1
6	8.1	8.0	8.0	---	---	---	8.1	8.0	8.1	8.1	8.1	8.1
7	8.0	7.9	8.0	---	---	---	8.1	8.1	8.1	8.1	8.0	8.1
8	8.0	7.7	8.0	---	---	---	8.2	8.0	8.1	8.1	8.1	8.1
9	8.0	7.6	7.9	---	---	---	8.2	8.0	8.1	8.1	8.0	8.1
10	7.9	7.6	7.8	---	---	---	8.2	8.0	8.1	8.1	8.0	8.1
11	8.0	7.6	7.8	8.2	8.2	8.2	8.2	8.0	8.1	8.1	8.0	8.1
12	7.9	7.8	7.9	8.2	8.2	8.2	8.2	8.1	8.1	8.1	8.0	8.1
13	8.0	7.8	7.9	8.2	8.2	8.2	8.2	8.1	8.1	8.1	8.1	8.1
14	8.0	7.9	8.0	8.2	8.1	8.2	8.2	8.0	8.2	8.1	8.0	8.1
15	8.1	7.8	8.0	8.2	8.1	8.2	8.2	8.0	8.1	8.1	8.0	8.0
16	8.1	7.8	8.0	8.2	8.0	8.1	8.2	8.0	8.1	8.1	8.0	8.1
17	8.1	7.9	8.0	8.1	8.0	8.0	8.2	8.0	8.2	8.1	8.0	8.1
18	8.1	7.9	8.0	8.1	8.0	8.1	8.3	8.0	8.1	8.1	8.0	8.1
19	8.1	7.9	8.0	8.2	8.1	8.2	8.2	8.1	8.1	8.1	8.0	8.0
20	8.1	8.0	8.0	8.2	8.1	8.2	8.2	8.1	8.2	8.1	8.0	8.1
21	8.1	8.0	8.0	8.2	8.1	8.1	8.2	8.1	8.2	8.1	8.0	8.1
22	8.1	8.0	8.0	8.1	8.1	8.1	8.5	8.2	8.2	8.1	8.0	8.1
23	8.1	8.0	8.1	8.2	8.1	8.1	8.5	8.2	8.2	8.1	8.0	8.1
24	8.1	8.0	8.1	8.2	8.1	8.2	8.5	8.2	8.2	8.1	8.0	8.1
25	8.1	7.9	8.0	8.2	8.1	8.2	8.2	8.1	8.2	8.1	8.0	8.1
26	8.1	7.9	8.0	8.2	8.2	8.2	8.4	8.1	8.2	8.1	8.0	8.1
27	---	---	---	8.2	8.2	8.2	8.4	7.8	8.2	8.1	8.1	8.1
28	---	---	---	8.2	8.1	8.2	8.4	7.9	8.2	8.1	8.1	8.1
29	---	---	---	8.2	8.0	8.1	8.4	7.9	8.2	8.1	8.1	8.1
30	---	---	---	8.0	8.0	8.0	8.4	8.1	8.2	8.1	8.1	8.1
31	---	---	---	---	---	---	8.4	8.1	8.2	8.1	8.0	8.1
MONTH	---	---	---	---	---	---	8.5	7.8	8.1	8.4	7.9	8.1
		FEBRUARY			MARCH			APRIL			MAY	
1	8.1	8.0	8.1	---	---	---	---	---	---	---	---	---
2	8.1	8.1	8.1	---	---	---	---	---	---	---	---	---
3	8.1	8.0	8.1	---	---	---	---	---	---	---	---	---
4	8.1	8.0	8.1	---	---	---	---	---	---	---	---	---
5	8.1	8.1	8.1	---	---	---	---	---	---	---	---	---
6	8.1	8.1	8.1	---	---	---	---	---	---	---	---	---
7	8.1	8.1	8.1	---	---	---	---	---	---	---	---	---
8	8.1	8.1	8.1	---	---	---	---	---	---	---	---	---
9	8.2	8.1	8.1	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

0209270680 GALLANT CHANNEL AT AIRPORT AT BEAUFORT, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	29.8	27.0	28.2	28.9	28.0	28.6	29.8	28.6	29.2
2	---	---	---	29.5	27.8	28.5	29.3	27.8	28.4	30.0	28.7	29.3
3	---	---	---	29.1	27.8	28.4	30.6	27.8	28.8	29.9	28.6	29.1
4	---	---	---	29.0	27.4	28.2	31.0	28.6	29.6	29.0	27.7	28.3
5	---	---	---	30.3	27.7	28.8	31.3	29.2	30.1	27.8	26.5	27.0
6	---	---	---	30.8	28.3	29.4	31.4	29.2	30.2	26.7	25.6	26.2
7	---	---	---	32.0	28.7	30.0	30.3	29.1	29.7	26.5	25.2	25.8
8	---	---	---	30.6	28.7	29.4	29.3	28.2	28.6	26.9	25.5	26.0
9	---	---	---	30.6	28.5	29.5	30.2	28.1	29.0	27.1	25.8	26.4
10	---	---	---	30.9	28.8	29.7	30.6	28.7	29.5	26.7	25.0	25.9
11	---	---	---	30.4	29.2	29.8	31.2	28.9	30.0	25.1	24.1	24.6
12	---	---	---	30.7	28.8	29.7	31.5	29.7	30.6	25.2	24.0	24.5
13	---	---	---	30.0	27.7	28.8	31.8	30.2	30.9	25.8	24.9	25.4
14	---	---	---	28.3	27.2	27.7	31.9	30.3	31.0	25.6	25.0	25.4
15	---	---	---	29.5	26.9	28.0	32.1	30.4	31.2	25.0	24.4	24.6
16	---	---	---	30.6	28.0	29.1	32.2	30.2	30.9	26.2	24.6	25.3
17	---	---	---	30.1	28.6	29.1	30.6	29.5	29.9	29.1	25.9	26.9
18	---	---	---	29.7	28.1	28.8	30.5	28.9	29.6	29.4	26.9	27.8
19	---	---	---	30.1	28.0	28.9	31.1	29.0	29.8	28.6	27.4	27.9
20	---	---	---	30.7	28.2	29.2	31.9	29.3	30.3	29.8	27.5	28.3
21	---	---	---	30.6	27.8	29.0	32.6	29.6	30.8	28.6	27.6	28.1
22	---	---	---	30.3	27.9	29.0	32.7	30.0	31.1	29.6	27.5	28.3
23	---	---	---	30.3	27.7	28.8	31.2	30.0	30.6	29.6	27.7	28.5
24	27.3	24.9	25.8	29.9	28.0	28.8	30.2	29.2	29.7	28.8	27.4	28.2
25	26.4	25.2	25.9	30.5	28.0	29.0	29.2	28.0	28.5	28.2	26.9	27.6
26	28.3	25.2	26.3	30.6	28.6	29.5	28.0	26.9	27.5	27.9	26.4	27.1
27	29.7	26.3	27.6	31.8	29.1	30.3	27.6	27.1	27.3	27.1	26.3	26.8
28	28.4	27.5	27.9	31.1	30.0	30.6	28.4	26.9	27.6	26.5	25.7	26.2
29	27.6	26.2	26.8	30.9	29.7	30.0	29.0	27.7	28.3	27.0	25.5	26.2
30	28.2	25.9	26.9	30.0	29.1	29.4	30.1	28.1	28.9	26.6	25.1	25.9
31	---	---	---	30.1	28.3	29.1	30.1	28.6	29.2	---	---	---
MONTH	---	---	---	32.0	26.9	29.1	32.7	26.9	29.6	30.0	24.0	26.9

0209270680 GALLANT CHANNEL AT AIRPORT AT BEAUFORT, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	25.7	24.7	25.1	---	---	---	16.2	14.8	15.6	12.0	10.9	11.3
2	25.4	24.3	24.8	---	---	---	14.9	12.4	14.0	11.9	11.1	11.4
3	26.1	24.3	25.0	---	---	---	13.4	11.6	12.7	12.8	11.6	12.3
4	26.2	24.8	25.4	---	---	---	14.5	12.9	13.7	12.4	11.3	11.7
5	26.3	25.3	25.7	---	---	---	14.6	14.1	14.4	12.4	11.1	11.6
6	25.9	25.4	25.7	---	---	---	14.5	12.0	13.3	11.9	10.5	11.3
7	25.6	24.5	24.9	---	---	---	12.6	11.2	11.9	10.8	9.3	10.0
8	26.2	24.5	25.1	---	---	---	12.0	9.8	10.8	9.8	8.5	9.2
9	27.3	24.9	25.8	---	---	---	11.9	10.0	11.0	11.3	9.4	10.3
10	26.5	24.7	25.5	---	---	---	11.3	9.8	10.6	11.7	10.6	11.1
11	25.6	24.2	24.9	18.8	16.8	17.7	11.1	9.9	10.5	13.1	11.4	11.9
12	25.2	23.7	24.6	17.4	16.6	17.0	11.2	10.0	10.5	13.8	12.1	12.7
13	24.0	22.4	23.3	17.9	16.5	17.3	11.5	9.2	10.5	13.8	12.5	13.1
14	23.3	22.0	22.5	19.3	17.4	18.3	10.0	8.4	8.9	13.8	11.7	13.0
15	23.5	22.0	22.6	19.6	18.6	19.1	11.1	7.8	9.3	11.7	8.9	9.9
16	23.3	22.1	22.7	20.4	19.2	19.7	11.7	10.1	10.8	10.7	8.1	9.8
17	22.5	21.5	22.0	20.1	17.8	19.1	10.6	10.1	10.3	12.0	10.1	10.9
18	22.1	20.7	21.5	17.9	15.5	16.4	10.2	9.0	9.6	12.4	11.1	11.9
19	23.4	21.1	22.1	15.7	14.1	14.8	9.8	8.6	9.2	11.9	10.0	11.1
20	24.1	21.8	22.8	14.9	13.9	14.5	9.7	8.1	9.0	12.4	10.7	11.5
21	24.9	22.7	23.6	16.5	14.6	15.6	9.3	7.8	8.6	13.4	11.5	12.5
22	25.1	23.3	24.2	16.4	13.3	15.0	8.7	7.0	8.1	13.1	11.8	12.4
23	24.4	22.1	23.0	13.3	11.0	12.2	9.1	6.8	8.1	14.0	11.8	12.6
24	22.5	20.3	21.6	13.7	12.0	12.8	9.2	6.3	8.4	13.3	12.7	13.0
25	20.4	16.4	18.1	13.9	11.1	12.5	10.9	9.0	9.9	12.9	10.8	12.1
26	17.8	15.0	16.5	12.3	10.8	11.4	10.3	9.3	9.9	11.1	8.9	10
27	---	---	---	12.9	11.1	11.9	9.9	8.6	9.3	9.7	8.5	9.0
28	---	---	---	14.5	12.5	13.8	10.2	9.1	9.7	9.8	8.4	9.2
29	---	---	---	16.0	14.3	15.1	11.6	10.1	10.7	11.3	9.1	10.3
30	---	---	---	17.4	15.7	16.2	11.0	10.1	10.6	11.9	10.9	11.3
31	---	---	---	---	---	---	11.4	10.3	10.9	11.6	10.8	11.2
MONTH	---	---	---	---	---	---	16.2	6.3	10.7	14.0	8.1	11.3
		FEBRUARY			MARCH			APRIL			MAY	
1	11.7	10.0	10.7	---	---	---	---	---	---	---	---	---
2	11.8	10.2	11.0	---	---	---	---	---	---	---	---	---
3	13.4	11.4	12.4	---	---	---	---	---	---	---	---	---
4	13.6	11.8	12.9	---	---	---	---	---	---	---	---	---
5	13.0	10.6	11.7	---	---	---	---	---	---	---	---	---
6	10.7	9.5	10.0	---	---	---	---	---	---	---	---	---
7	10.0	9.2	9.6	---	---	---	---	---	---	---	---	---
8	10.2	8.9	9.5	---	---	---	---	---	---	---	---	---
9	9.7	8.4	9.1	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

0209270680 GALLANT CHANNEL AT AIRPORT AT BEAUFORT, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	7.5	6.2	7.0	6.4	5.0	5.7	6.6	5.1	5.8
2	---	---	---	7.3	5.7	6.6	7.2	5.0	6.0	7.6	5.1	5.9
3	---	---	---	7.2	6.0	6.5	8.1	5.2	6.4	7.4	5.2	6.0
4	---	---	---	7.3	5.9	6.5	7.3	5.4	6.3	6.9	5.3	6.0
5	---	---	---	7.5	5.6	6.4	7.3	5.4	6.3	7.1	5.3	6.2
6	---	---	---	7.8	5.4	6.6	7.1	5.4	6.2	7.3	5.5	6.4
7	---	---	---	7.7	5.2	6.4	6.8	5.2	6.0	7.5	5.8	6.6
8	---	---	---	7.4	5.7	6.5	6.4	5.3	5.9	7.6	5.8	6.6
9	---	---	---	7.7	5.4	6.4	6.7	5.3	6.0	7.4	5.9	6.6
10	---	---	---	7.6	5.5	6.4	6.9	5.3	6.1	6.8	5.9	6.4
11	---	---	---	7.3	5.4	6.3	7.0	5.3	6.1	7.1	6.2	6.6
12	---	---	---	7.2	5.0	6.3	6.8	5.4	6.1	7.6	6.3	6.7
13	---	---	---	6.4	5.5	6.1	6.7	5.6	6.1	7.0	6.0	6.5
14	---	---	---	6.6	5.3	5.9	6.8	5.5	6.1	6.8	6.1	6.5
15	---	---	---	8.3	5.8	6.9	6.8	5.6	6.1	7.0	6.2	6.7
16	---	---	---	7.8	6.0	7.1	6.4	5.0	5.6	6.8	5.9	6.5
17	---	---	---	7.1	5.8	6.4	6.6	4.8	5.5	7.0	5.2	6.1
18	---	---	---	7.2	5.4	6.3	6.8	5.1	5.8	7.4	5.4	6.2
19	---	---	---	7.4	5.6	6.4	7.1	5.1	5.8	6.7	5.2	6.0
20	---	---	---	7.3	5.6	6.4	7.0	4.9	5.8	7.3	5.3	6.2
21	---	---	---	6.9	5.6	6.2	6.7	4.8	5.8	6.8	5.2	6.1
22	---	---	---	7.1	5.7	6.3	6.6	4.6	5.7	7.4	5.5	6.3
23	---	---	---	7.2	5.3	6.2	6.3	4.6	5.6	7.8	5.7	6.5
24	7.8	5.8	6.8	7.3	5.2	6.3	6.5	4.6	5.6	6.7	5.6	6.2
25	7.2	5.9	6.6	7.3	5.4	6.3	7.3	5.2	6.1	7.1	5.3	6.0
26	7.8	5.9	6.8	7.1	5.2	6.2	7.1	5.4	6.3	7.6	5.1	6.3
27	7.9	5.6	6.9	7.3	5.4	6.3	6.5	5.6	6.1	7.0	5.6	6.2
28	7.3	5.9	6.7	7.1	5.4	6.3	6.8	5.4	6.0	6.8	5.4	6.1
29	6.9	6.0	6.5	6.9	5.6	6.2	6.8	5.3	6.0	7.0	5.6	6.2
30	8.1	6.0	6.9	7.1	5.4	6.1	6.8	5.3	5.9	6.7	5.7	6.2
31	---	---	---	7.2	5.2	6.0	6.6	5.3	5.9	---	---	---
MONTH	---	---	---	8.3	5.0	6.4	8.1	4.6	6.0	7.8	5.1	6.3

0209270680 GALLANT CHANNEL AT AIRPORT AT BEAUFORT, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.1	5.7	6.3	---	---	---	---	---	---	---	---	---
2	7.8	5.9	6.6	---	---	---	---	---	---	---	---	---
3	7.9	6.2	6.8	---	---	---	---	---	---	---	---	---
4	7.6	6.2	6.8	---	---	---	---	---	---	---	---	---
5	7.2	6.1	6.6	---	---	---	---	---	---	---	---	---
6	6.7	5.8	6.3	---	---	---	---	---	---	9.3	8.7	8.9
7	6.6	5.9	6.3	---	---	---	---	---	---	9.8	8.8	9.2
8	6.6	6.2	6.4	---	---	---	---	---	---	10.0	9.4	9.7
9	6.9	5.4	6.2	---	---	---	9.6	8.9	9.2	9.9	9.3	9.7
10	6.2	5.4	5.8	---	---	---	---	---	---	9.7	8.9	9.3
11	6.2	5.4	5.8	8.0	7.0	7.4	---	---	---	---	---	---
12	6.1	5.6	5.9	7.8	7.1	7.5	---	---	---	---	---	---
13	6.3	5.6	5.9	8.1	7.2	7.6	---	---	---	---	---	---
14	6.4	5.8	6.1	8.0	7.2	7.6	---	---	---	---	---	---
15	6.6	5.6	6.2	7.8	7.1	7.4	---	---	---	---	---	---
16	6.9	5.7	6.4	7.8	7.0	7.3	---	---	---	---	---	---
17	7.4	5.9	6.6	7.6	7.0	7.2	---	---	---	---	---	---
18	7.6	6.3	7.0	8.3	7.1	7.6	---	---	---	---	---	---
19	7.9	6.6	7.2	8.4	7.6	7.9	---	---	---	---	---	---
20	8.0	6.7	7.3	8.0	7.5	7.8	---	---	---	---	---	---
21	7.9	6.5	7.1	7.7	6.8	7.2	---	---	---	---	---	---
22	7.6	6.4	7.0	7.3	6.7	7.0	---	---	---	---	---	---
23	7.6	6.4	7.0	---	---	---	---	---	---	---	---	---
24	7.1	6.5	6.8	---	---	---	---	---	---	---	---	---
25	8.4	6.7	7.7	---	---	---	---	---	---	---	---	---
26	8.6	7.7	8.1	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

0209270680 GALLANT CHANNEL AT AIRPORT AT BEAUFORT, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	115	92	105	97	77	87	106	80	92
2	---	---	---	113	86	100	112	75	92	121	81	94
3	---	---	---	111	91	100	127	79	99	118	82	95
4	---	---	---	112	90	99	116	83	98	108	82	94
5	---	---	---	117	85	99	116	85	99	108	81	95
6	---	---	---	123	82	102	113	84	97	109	82	96
7	---	---	---	123	80	101	107	82	95	111	84	96
8	---	---	---	117	89	102	99	82	92	113	83	97
9	---	---	---	122	84	101	106	82	93	111	86	97
10	---	---	---	121	85	101	110	82	96	98	85	92
11	---	---	---	116	84	99	114	83	97	99	86	92
12	---	---	---	114	77	99	111	86	98	108	86	93
13	---	---	---	101	85	93	109	89	99	100	85	92
14	---	---	---	99	80	89	112	88	99	101	88	94
15	---	---	---	128	86	104	112	90	100	96	83	92
16	---	---	---	121	91	108	105	81	90	95	82	89
17	---	---	---	109	88	99	105	76	88	102	72	88
18	---	---	---	111	81	96	109	81	93	109	78	92
19	---	---	---	115	84	98	115	81	93	101	76	90
20	---	---	---	114	85	98	115	78	94	110	78	94
21	---	---	---	108	86	96	111	77	93	104	76	93
22	---	---	---	113	87	98	110	74	93	114	82	96
23	---	---	---	115	82	97	103	75	90	121	85	98
24	117	84	100	116	81	98	104	72	90	102	84	93
25	107	87	97	116	83	99	115	80	96	108	78	90
26	118	86	100	114	81	99	110	82	97	114	75	94
27	123	83	104	119	85	101	100	85	93	105	83	93
28	112	89	102	116	87	102	106	82	92	101	80	90
29	102	89	96	111	89	99	108	82	94	105	82	92
30	122	88	102	112	85	96	109	83	94	99	85	91
31	---	---	---	112	81	93	106	83	94	---	---	---
MONTH	---	---	---	128	77	99	127	72	94	121	72	93

0209270680 GALLANT CHANNEL AT AIRPORT AT BEAUFORT, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	104	83	91	---	---	---	---	---	---	---	---	---
2	112	84	95	---	---	---	---	---	---	---	---	---
3	115	88	98	---	---	---	---	---	---	---	---	---
4	111	88	98	---	---	---	---	---	---	---	---	---
5	106	88	96	---	---	---	---	---	---	---	---	---
6	99	85	92	---	---	---	---	---	---	101	97	100
7	93	86	90	---	---	---	---	---	---	104	94	99
8	96	84	90	---	---	---	---	---	---	105	97	101
9	100	73	87	---	---	---	104	97	101	107	99	103
10	88	73	81	---	---	---	---	---	---	104	96	101
11	87	74	80	101	89	94	---	---	---	---	---	---
12	85	76	82	99	89	94	---	---	---	---	---	---
13	85	76	81	102	92	96	---	---	---	---	---	---
14	88	78	83	104	92	97	---	---	---	---	---	---
15	92	75	85	102	93	97	---	---	---	---	---	---
16	96	77	88	104	92	97	---	---	---	---	---	---
17	102	80	91	98	91	95	---	---	---	---	---	---
18	102	84	94	101	89	94	---	---	---	---	---	---
19	108	87	97	101	90	95	---	---	---	---	---	---
20	111	90	99	95	87	92	---	---	---	---	---	---
21	112	89	100	91	83	87	---	---	---	---	---	---
22	110	89	99	85	81	83	---	---	---	---	---	---
23	105	88	96	---	---	---	---	---	---	---	---	---
24	98	85	91	---	---	---	---	---	---	---	---	---
25	102	85	92	---	---	---	---	---	---	---	---	---
26	102	92	95	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

0209270680 GALLANT CHANNEL AT AIRPORT AT BEAUFORT, NC—Continued

TURBIDITY, WATER, MONOCHROME NEAR INFRA-RED LED LIGHT, 780-900 NM, DETECTION ANGLE 90 +/ -2.5 DEGREES, FNU
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	4.9	1.2	2.6	---	---	---	8.2	1.5	3.4
2	---	---	---	3.9	0.4	2.0	---	---	---	6.6	0.7	3.0
3	---	---	---	6.6	0.9	2.5	4.6	0.6	1.9	7.6	0.2	2.4
4	---	---	---	8.1	0.9	2.7	5.0	0.9	2.1	7.3	0.2	2.6
5	---	---	---	5.7	0.8	2.1	7.6	0.6	2.3	8.2	0.1	2.7
6	---	---	---	5.0	0.9	2.3	6.5	0.4	2.2	6.1	0.6	3.0
7	---	---	---	5.1	0.6	2.3	5.5	0.7	2.3	5.2	1.5	3.0
8	---	---	---	15	1.0	3.0	5.9	1.6	3.0	7.5	1.2	2.9
9	---	---	---	7.4	0.8	2.2	7.7	0.9	3.0	7.6	0.9	3.2
10	---	---	---	4.1	0.8	2.0	5.4	0.6	2.3	13	1.5	4.7
11	---	---	---	4.7	0.7	2.1	4.6	0.4	2.1	17	2.7	5.6
12	---	---	---	5.1	0.6	2.3	6.7	0.8	2.1	21	2.5	5.5
13	---	---	---	22	1.2	3.1	7.0	1.2	2.4	25	2.5	7.5
14	---	---	---	5.5	1.2	3.2	4.6	1.0	2.3	77	6.1	25
15	---	---	---	6.2	2.5	3.9	4.9	0.8	2.4	59	14	29
16	---	---	---	8.6	2.3	3.7	7.3	0.8	2.9	33	8.5	16
17	---	---	---	6.7	1.9	3.4	8.6	0.7	3.2	34	7.2	13
18	---	---	---	10	2.1	3.7	8.7	0.2	3.3	34	3.4	11
19	---	---	---	10	2.4	4.7	9.8	0.9	3.6	29	3.0	9.2
20	---	---	---	11	1.6	5.2	8.7	0.7	3.4	28	2.9	7.5
21	---	---	---	8.2	2.1	4.0	8.0	0.6	3.3	17	2.6	6.6
22	---	---	---	7.7	2.0	3.8	6.6	0.1	2.8	18	2.4	5.5
23	---	---	---	6.8	1.3	3.4	5.3	0.5	2.8	13	2.4	5.0
24	10	1.3	4.3	6.1	1.3	3.2	6.9	0.7	3.5	11	3.0	5.4
25	10	1.3	4.4	6.1	1.6	2.9	8.0	1.3	3.6	12	3.4	5.7
26	9.9	1.9	4.6	5.6	1.5	2.7	7.3	1.2	2.7	13	3.5	5.4
27	9.3	1.9	4.5	3.9	1.2	2.3	4.7	1.1	2.4	11	4.2	6.0
28	9.7	2.0	3.8	5.2	1.2	2.3	5.8	0.5	2.4	---	---	---
29	7.0	1.9	3.5	7.7	1.4	3.0	4.9	0.8	2.1	9.8	3.0	4.8
30	5.9	1.7	3.3	6.0	2.0	3.4	4.5	0.8	2.2	19	2.9	6.0
31	---	---	---	7.6	2.7	4.2	18	1.4	3.6	---	---	---
MONTH	---	---	---	22	0.4	3.0	---	---	---	---	---	---

0209270680 GALLANT CHANNEL AT AIRPORT AT BEAUFORT, NC—Continued

TURBIDITY, WATER, MONOCHROME NEAR INFRA-RED LED LIGHT, 780-900 NM, DETECTION ANGLE 90 +/ -2.5 DEGREES, FNU
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	16	3.2	5.7	---	---	---	11	3.5	5.3	8.4	2.7	4.2
2	16	3.4	6.0	---	---	---	12	4.3	6.5	7.0	2.3	3.9
3	12	3.0	5.6	---	---	---	12	4.2	6.7	8.4	2.4	4.6
4	15	3.0	5.7	---	---	---	16	4.6	8.7	6.9	2.4	4.3
5	13	2.5	5.4	---	---	---	18	5.7	9.9	5.2	2.1	3.2
6	16	3.0	6.2	---	---	---	18	4.8	9.2	5.3	2.0	3.3
7	15	3.5	7.8	---	---	---	8.5	3.4	4.7	5.3	2.1	3.0
8	20	4.9	9.0	---	---	---	7.5	2.5	4.1	4.3	1.8	2.5
9	11	5.0	7.2	---	---	---	12	2.0	4.4	10	2.2	4.1
10	13	5.4	7.4	---	---	---	12	2.3	3.7	6.7	2.3	3.6
11	11	5.2	7.0	7.8	2.4	4.1	4.7	2.4	3.2	5.7	2.1	3.1
12	17	4.0	6.6	6.3	2.4	3.7	8.2	2.6	3.6	5.5	1.9	2.8
13	14	3.4	5.9	7.4	2.0	3.9	8.4	2.6	4.1	4.8	1.7	2.6
14	16	2.8	5.8	6.2	2.1	3.9	6.2	2.6	3.8	8.0	1.7	4.0
15	14	2.5	5.3	7.5	2.4	4.4	7.7	2.0	3.5	17	4.5	11
16	13	2.7	5.1	8.3	2.7	4.3	7.7	2.6	4.2	12	2.7	4.6
17	11	2.1	4.7	8.4	3.0	5.2	7.7	2.7	4.0	8.2	1.9	3.3
18	11	2.1	4.8	7.4	2.5	4.4	13	3.3	5.1	14	1.9	5.4
19	11	1.7	4.4	5.8	2.2	3.3	5.6	3.4	4.3	7.8	3.3	5.0
20	10	1.5	3.9	5.4	1.9	2.9	7.8	3.0	3.9	8.2	2.4	3.7
21	8.1	1.2	3.3	6.1	2.0	3.6	4.5	2.5	3.4	8.5	2.0	3.0
22	9.7	1.1	3.2	15	3.7	8.1	3.5	2.0	2.7	5.8	2.2	3.2
23	6.6	1.5	3.7	9.0	4.4	6.2	3.2	1.9	2.3	17	1.4	3.8
24	7.8	0.9	3.2	7.1	4.0	5.0	2.8	1.7	2.1	6.7	2.3	3.4
25	21	6.3	11	7.0	3.3	4.8	3.2	1.6	2.2	---	---	---
26	12	4.1	6.9	5.2	2.7	3.7	10	2.0	4.4	---	---	---
27	---	---	---	4.7	2.5	3.4	11	3.5	4.6	---	---	---
28	---	---	---	12	2.9	4.3	11	2.7	3.9	---	---	---
29	---	---	---	11	3.1	4.6	11	3.1	4.2	---	---	---
30	---	---	---	10	3.3	4.8	9.5	3.1	4.4	---	---	---
31	---	---	---	---	---	---	8.4	2.5	4.6	---	---	---
MONTH	---	---	---	---	---	---	18	1.6	4.6	---	---	---

0209270680 GALLANT CHANNEL AT AIRPORT AT BEAUFORT, NC—Continued

CHLOROPHYLL, TOTAL, WATER, FLUOROMETRIC, 650-700 NANOMETERS, IN-SITU SENSOR, MICROGRAMS PER LITER
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	10.7	4.7	7.6	16.2	4.3	7.5	12.1	3.0	6.4
2	---	---	---	7.9	2.6	4.9	11.6	3.7	7.3	18.2	3.7	7.5
3	---	---	---	6.2	1.9	3.7	21.4	5.0	7.3	21.5	4.0	7.2
4	---	---	---	9.5	2.0	4.1	16.1	4.4	7.0	10.8	4.5	7.0
5	---	---	---	11.8	2.2	4.5	11.9	3.6	6.5	9.6	3.8	6.7
6	---	---	---	8.2	2.6	4.7	9.9	3.2	5.9	10.7	5.1	7.3
7	---	---	---	8.3	2.5	4.6	8.8	3.1	5.6	15.9	6.3	8.6
8	---	---	---	6.5	2.0	4.0	11.1	3.7	6.0	12.8	6.1	8.9
9	---	---	---	6.3	1.8	3.8	9.4	3.8	5.9	12.4	6.7	8.7
10	---	---	---	7.5	2.4	4.0	10.7	3.2	5.8	11.1	6.7	9.0
11	---	---	---	8.0	2.8	4.6	7.0	3.1	5.3	13.2	7.4	10.0
12	---	---	---	9.2	3.2	5.6	8.6	3.6	5.4	13.8	7.6	9.8
13	---	---	---	7.5	2.4	5.1	8.2	4.0	5.7	12.4	5.9	8.5
14	---	---	---	10.4	1.8	5.2	8.9	3.7	6.4	13.6	4.4	7.4
15	---	---	---	14.1	4.9	8.7	16.8	4.6	7.4	13.2	6.4	9.7
16	---	---	---	13.2	6.2	8.8	17.2	4.1	8.0	9.8	4.4	7.1
17	---	---	---	11.5	5.4	7.7	29.3	3.1	7.1	14.5	3.4	6.6
18	---	---	---	15.9	4.8	8.4	19.4	2.7	6.5	23.0	4.6	8.5
19	---	---	---	16.9	6.1	10	24.1	3.4	7.6	15.0	5.1	8.3
20	---	---	---	15.1	4.5	9.5	26.1	2.3	7.2	22.1	4.7	9.0
21	---	---	---	14.0	3.6	7.3	15.6	2.6	5.9	14.2	4.5	7.7
22	---	---	---	16.4	3.4	6.7	11.2	2.4	5.3	12.8	4.3	7.2
23	---	---	---	10.1	1.5	5.2	11.2	2.2	5.6	14.9	4.8	8.2
24	9.4	2.3	4.7	8.0	2.3	4.7	10.7	3.0	5.4	11.1	5.5	7.4
25	9.8	3.0	5.4	9.1	2.9	4.7	29.7	3.7	7.4	13.4	4.9	7.3
26	10.4	3.1	6.1	10.1	2.6	4.8	8.6	4.7	6.3	16.4	4.4	8.9
27	18.9	4.1	6.7	9.1	2.6	4.7	10.1	4.3	6.2	11.1	4.7	7.2
28	12.5	3.5	5.9	11.0	2.2	4.7	11.3	3.8	6.0	8.4	3.1	5.7
29	9.8	2.9	5.4	16.0	2.8	5.4	8.5	3.4	5.6	11.9	4.3	6.4
30	14.1	3.6	7.1	12.6	3.4	6.6	10.5	3.2	5.7	11.6	3.1	6.1
31	---	---	---	18.6	4.1	7.8	8.5	3.1	5.7	---	---	---
MONTH	---	---	---	18.6	1.5	5.9	29.7	2.2	6.3	23.0	3.0	7.8

0209270680 GALLANT CHANNEL AT AIRPORT AT BEAUFORT, NC—Continued

CHLOROPHYLL, TOTAL, WATER, FLUOROMETRIC, 650-700 NANOMETERS, IN-SITU SENSOR, MICROGRAMS PER LITER
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	10.5	3.8	6.2	---	---	---	7.9	3.6	5.5	7.7	2.8	5.0
2	16.7	5.1	8.1	---	---	---	8.3	3.9	5.6	6.3	3.1	4.6
3	12.2	5.3	7.9	---	---	---	7.4	3.8	5.3	6.3	2.9	4.2
4	12.1	5.3	7.7	---	---	---	8.9	4.1	6.3	5.3	3.0	4.1
5	10.2	5.2	7.2	---	---	---	8.4	3.6	5.8	6.0	2.5	4.0
6	11.0	4.9	7.3	---	---	---	8.3	4.1	5.5	6.0	3.1	4.3
7	11.7	4.8	6.9	---	---	---	7.7	4.1	5.4	6.7	3.0	4.3
8	11.1	4.0	6.5	---	---	---	8.5	4.1	5.6	9.0	3.4	5.3
9	11.9	5.3	8.4	---	---	---	9.2	3.1	5.4	9.4	3.9	6.2
10	10.7	6.4	8.9	---	---	---	7.7	4.2	5.5	14.4	4.1	6.2
11	10.2	6.1	8.1	5.1	2.2	3.5	9.8	3.8	6.1	23.9	3.9	7.9
12	8.0	4.3	6.0	5.4	2.0	3.4	9.4	3.6	5.2	15.5	4.0	7.4
13	6.4	4.2	5.1	5.6	2.1	3.6	8.4	3.0	4.6	12.3	4.3	7.2
14	5.7	3.1	4.3	6.6	2.1	3.8	6.3	2.7	4.2	8.5	3.9	5.9
15	6.0	2.5	3.9	7.2	2.4	4.3	6.7	2.3	3.8	10.3	4.3	7.8
16	7.3	2.5	4.3	12.4	2.6	4.6	6.3	2.9	4.2	7.6	2.9	4.7
17	8.9	3.3	5.1	6.7	2.3	4.5	8.0	3.4	5.1	6.0	2.4	4.0
18	10.4	3.6	6.4	6.7	2.8	4.3	15.4	3.9	7.9	7.1	2.4	3.8
19	9.7	3.6	6.4	6.9	2.7	4.3	18.5	6.1	10.1	6.7	3.4	4.7
20	10.8	4.3	6.6	7.5	3.0	4.8	15.9	7.0	10.6	5.8	3.0	4.2
21	7.9	3.0	5.6	5.8	2.9	4.0	17.6	6.7	10.9	6.3	2.9	4.3
22	6.7	3.2	4.8	6.8	3.3	5.0	16.9	5.9	10.9	8.5	2.7	4.6
23	9.2	4.0	5.8	6.7	4.1	5.4	18.7	6.7	10.5	7.9	3.6	5.3
24	7.6	3.5	5.0	5.8	3.5	4.4	16.1	6.6	9.4	8.5	3.9	5.3
25	11.9	5.7	8.6	6.6	3.2	4.8	11.9	5.1	8.2	7.6	3.5	5.5
26	11.4	6.8	9.3	7.9	3.7	4.9	12.1	5.7	8.0	7.2	4.4	5.9
27	---	---	---	6.8	3.7	4.8	14.5	5.5	8.0	8.4	3.5	5.5
28	---	---	---	5.8	3.5	4.4	14.5	4.5	6.8	7.6	2.7	4.5
29	---	---	---	6.9	3.3	4.5	11.2	4.4	6.3	5.9	2.3	4.1
30	---	---	---	7.5	3.4	5.3	9.6	4.0	5.6	5.2	2.2	3.6
31	---	---	---	---	---	---	9.2	3.8	5.8	5.6	3.0	3.9
MONTH	---	---	---	---	---	---	18.7	2.3	6.7	23.9	2.2	5.1
		FEBRUARY			MARCH			APRIL			MAY	
1	9.7	2.2	3.9	---	---	---	---	---	---	---	---	---
2	4.8	2.0	3.2	---	---	---	---	---	---	---	---	---
3	4.7	2.1	3.0	---	---	---	---	---	---	---	---	---
4	4.8	2.2	3.3	---	---	---	---	---	---	---	---	---
5	4.9	2.7	3.8	---	---	---	---	---	---	---	---	---
6	5.7	3.3	4.2	---	---	---	---	---	---	---	---	---
7	5.7	2.9	4.2	---	---	---	---	---	---	---	---	---
8	8.3	2.6	4.5	---	---	---	---	---	---	---	---	---
9	7.6	3.5	4.8	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---