

02092162 NEUSE RIVER AT NEW BERN, NC

LOCATION.--Lat 35°06'33", long 77°01'59", Craven County, Hydrologic Unit 03020204, at U.S. Coast Guard Channel Marker 38.

DRAINAGE AREA.--4,470 mi².

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. 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 dissolved oxygen percent saturation is computed using a barometric pressure of 760mm of Hg beginning October 1, 2000. Salinity, minimum extremes are reported as <0.1 ppt. Dissolved oxygen, minimum extremes are reported as <1.0 mg/L. Dissolved oxygen, percent saturation, minimum extremes are reported only as <10%. Daily records of salinity and water temperature for October 1956 to September 1967 are available in the files of the District Office in 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 (BOTTOM), 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), °C	33.4, August 1, 1999	1.0, January 29, 2000
WATER TEMPERATURE (BOTTOM), °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	21.8, August 1	<0.1, on several days during the year
SALINITY (BOTTOM), ppt	22.1, August 1	<0.1, on several days during the year
pH (TOP), standard units	9.2, October 22	6.2, March 7
pH (BOTTOM), standard units	9.0, May 26	6.1, August 18
WATER TEMPERATURE (TOP), °C	31.8, July 29	3.8, January 5
WATER TEMPERATURE (BOTTOM), °C	30.6, July 19	5.1, January 4
DISSOLVED OXYGEN (TOP), mg/L	16.9, November 20	<1.0, on many days during the year
DISSOLVED OXYGEN (BOTTOM), mg/L	13.7, November 25	<1.0, on many days during the year
DISSOLVED OXYGEN, PERCENT SATURATION (TOP),%	174, November 20	<10, on several days during the year
DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM),%	163, May 26	<10, on many days during the year

02092162 NEUSE RIVER AT NEW BERN, NC--Continued

SALINITY (PARTS PER THOUSAND), TOP, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	7.7	6.1	6.9	12.0	7.8	10.0	9.5	5.2	7.0	13.5	8.6	11.9
2	8.7	6.7	7.4	11.3	7.6	9.6	13.2	7.6	11.4	14.0	9.2	11.9
3	8.4	6.8	7.9	10.6	7.5	8.8	13.9	11.1	12.9	12.6	10.6	11.7
4	9.7	6.4	7.2	15.4	5.5	11.8	15.3	12.6	14.0	12.0	11.0	11.5
5	8.2	5.9	6.9	15.5	7.6	10.8	15.8	13.1	14.5	11.3	8.8	10.4
6	10.1	5.0	6.0	11.7	9.6	11.2	16.3	11.3	14.2	13.4	7.8	9.8
7	8.2	4.9	5.8	11.8	9.6	11.3	17.4	7.0	13.6	10.5	7.5	8.7
8	10.7	5.2	7.0	12.2	10.3	11.6	17.5	10.2	15.6	12.2	5.5	8.4
9	10.9	6.4	8.2	12.9	7.4	10.4	16.7	7.8	13.6	11.3	3.3	6.5
10	---	---	---	12.3	9.7	11.1	16.7	13.9	16.0	8.5	2.7	4.3
11	7.8	5.3	6.8	11.7	7.5	9.6	16.6	12.0	15.3	12.1	2.4	6.2
12	---	---	---	12.7	7.1	9.1	16.1	15.8	16.0	11.1	2.0	7.0
13	---	---	---	12.7	7.4	11.0	16.0	14.9	15.7	14.3	1.6	8.3
14	---	---	---	12.6	8.6	10.9	15.2	9.2	13.1	8.5	1.4	7.1
15	---	---	---	12.5	7.7	10.5	13.9	8.4	10.5	8.1	1.1	5.3
16	---	---	---	13.8	10.8	12.2	14.2	9.3	11.8	14.7	1.9	10.5
17	---	---	---	13.9	8.4	11.9	13.3	9.5	11.6	12.0	1.7	5.0
18	---	---	---	13.8	9.8	12.6	11.6	6.3	9.2	16.3	1.7	12.6
19	---	---	---	13.9	12.3	13.0	12.5	9.0	11.2	16.5	3.3	11.5
20	7.8	3.3	5.3	12.8	7.8	10.9	11.1	7.1	9.2	10.4	3.9	6.7
21	8.3	4.3	6.4	12.0	9.3	10.5	11.3	7.8	9.7	10.4	2.1	7.1
22	6.6	2.0	4.4	13.0	11.3	12.1	13.3	6.9	10.7	15.0	3.9	11.0
23	7.7	2.3	4.9	12.8	10.1	11.5	13.3	8.8	11.5	6.0	1.9	4.3
24	7.7	2.9	5.1	12.6	9.9	11.0	9.4	5.8	8.2	3.5	1.6	2.2
25	6.1	4.6	5.1	10.1	8.2	9.6	13.7	5.4	11.1	4.1	0.85	1.6
26	9.1	4.5	6.3	11.9	8.9	10.4	13.9	9.7	11.9	9.1	0.84	2.9
27	9.9	7.4	8.6	13.0	9.3	11.4	13.6	9.6	10.7	1.8	0.73	1.1
28	10.5	6.3	8.4	12.2	6.7	9.9	10.9	8.7	9.9	5.3	0.55	0.80
29	8.4	6.6	7.4	12.2	4.9	9.7	10.6	8.1	9.7	2.3	0.67	1.2
30	10.6	5.6	8.6	10.4	3.7	6.4	10.4	7.5	8.9	2.6	0.82	1.3
31	12.4	4.3	9.2	---	---	---	12.9	8.5	11.5	1.7	0.49	0.90
MONTH	---	---	---	15.5	3.7	10.7	17.5	5.2	11.9	16.5	0.49	6.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	0.65	0.23	0.40	11.1	2.9	6.3	0.30	0.07	0.17	5.9	2.5	3.6
2	1.4	0.16	0.46	---	---	---	0.13	0.06	0.08	4.2	1.5	2.6
3	2.9	0.25	1.0	6.7	1.7	3.1	---	---	---	5.9	1.7	3.1
4	10.0	1.8	5.0	3.5	1.3	2.2	---	---	---	6.1	2.2	3.5
5	6.9	1.3	3.7	2.5	0.52	1.4	---	---	---	3.3	1.7	2.7
6	7.4	1.0	2.5	1.2	0.45	0.68	0.23	0.04	0.06	6.0	2.1	4.0
7	8.9	0.59	2.5	0.58	0.13	0.26	0.09	0.05	0.06	3.6	2.3	3.1
8	6.8	2.0	4.1	0.26	0.11	0.16	0.06	0.04	0.05	3.7	1.8	2.6
9	7.7	1.4	4.4	---	---	---	0.05	0.04	0.04	3.5	1.3	2.4
10	5.4	1.1	2.4	0.46	0.10	0.22	0.06	0.04	0.05	4.4	1.2	2.1
11	5.1	1.3	2.8	5.8	0.28	0.66	0.06	0.04	0.05	8.4	1.5	5.6
12	5.4	1.2	2.5	0.51	0.22	0.32	0.05	0.04	0.05	7.2	3.7	5.4
13	2.8	0.43	0.92	0.75	0.16	0.31	0.06	0.05	0.05	3.9	2.0	3.1
14	10.2	0.45	4.7	1.1	0.37	0.72	0.06	0.05	0.06	5.4	1.9	4.2
15	7.0	0.99	2.6	0.41	0.22	0.33	0.06	0.05	0.06	8.9	3.6	5.0
16	5.7	0.97	2.3	0.26	0.13	0.20	0.06	0.06	0.06	7.3	3.2	4.8
17	5.6	1.2	3.4	1.2	0.14	0.35	0.07	0.06	0.06	4.8	3.2	3.8
18	4.5	1.4	2.6	1.9	0.17	0.41	0.08	0.06	0.06	6.2	1.8	3.5
19	4.1	1.1	2.5	8.4	0.44	1.4	0.31	0.06	0.11	5.7	3.5	4.2
20	2.7	1.0	1.2	2.3	0.56	1.2	5.0	0.12	0.71	6.5	3.0	4.4
21	2.1	0.67	1.2	2.0	0.80	1.2	12.3	0.23	3.6	8.8	2.8	5.2
22	6.9	0.36	1.5	5.4	1.4	3.1	9.7	1.5	3.6	9.5	3.8	7.5
23	12.4	6.1	10.1	3.6	0.72	2.2	12.4	2.1	8.7	9.8	5.1	7.8
24	13.1	5.3	9.7	2.1	0.60	1.3	11.8	4.0	5.8	8.9	5.4	6.7
25	11.6	4.5	9.5	1.0	0.39	0.58	5.8	1.8	3.5	8.0	4.3	5.8
26	---	---	---	0.39	0.12	0.26	5.8	1.9	3.8	6.2	4.9	5.7
27	---	---	---	0.69	0.11	0.30	8.0	1.3	3.1	6.3	4.4	5.4
28	8.9	3.3	5.0	0.67	0.10	0.27	3.7	0.66	2.2	5.9	4.2	5.1
29	---	---	---	0.58	0.13	0.20	4.0	0.77	2.0	6.3	4.1	5.1
30	---	---	---	0.15	0.07	0.09	6.3	1.9	3.7	6.9	4.1	4.9
31	---	---	---	0.17	0.07	0.12	---	---	---	7.1	3.9	5.3
MONTH	---	---	---	---	---	---	---	---	---	9.8	1.2	4.5

NEUSE RIVER BASIN

02092162 NEUSE RIVER AT NEW BERN, NC--Continued

SALINITY (PARTS PER THOUSAND), TOP, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.8	4.4	5.2	10.7	4.3	7.2	21.8	13.9	19.4	17.9	10.7	14.8
2	9.5	3.5	5.8	8.5	4.4	6.0	20.1	11.6	15.6	18.7	16.6	18.0
3	10.9	3.4	8.2	7.4	4.1	5.1	16.3	7.0	10.7	18.8	14.4	17.7
4	10.4	5.2	6.7	6.9	3.9	4.9	13.7	8.0	11.6	15.3	8.8	12.5
5	6.7	5.3	6.0	7.8	4.1	5.0	12.4	10.0	10.7	---	---	---
6	6.5	2.0	5.6	11.7	4.2	6.4	14.6	7.4	10.7	17.5	13.4	16.1
7	7.5	0.91	4.8	11.3	4.9	6.9	14.9	10.9	12.1	17.7	13.6	16.3
8	7.3	4.4	6.0	9.2	5.0	6.3	14.7	12.0	13.1	18.0	13.1	16.8
9	8.7	4.9	6.6	8.4	5.4	6.5	14.6	11.7	12.7	17.1	10.2	14.3
10	7.8	4.0	6.0	7.4	4.8	5.5	15.3	10.4	12.6	14.5	11.4	13.3
11	7.0	4.6	5.9	9.1	5.4	6.7	14.7	10.6	12.4	14.1	10.1	12.1
12	6.8	4.6	5.7	9.7	5.8	7.9	13.7	11.6	12.2	15.1	9.5	12.7
13	7.2	4.5	5.3	10.3	6.2	7.2	13.1	10.7	11.8	13.3	9.0	10.6
14	6.7	3.9	5.3	8.5	5.6	6.9	12.7	10.6	11.3	11.7	5.6	7.9
15	9.0	4.6	6.4	12.8	4.8	7.7	12.5	10.8	11.5	9.2	6.0	7.6
16	10.6	4.0	8.4	13.7	5.4	8.8	11.9	10.2	11.1	8.7	4.5	6.1
17	10.9	4.5	7.1	14.5	8.8	11.8	12.4	8.8	10.1	14.3	7.2	11.0
18	10.9	5.8	7.6	9.8	7.0	8.2	14.0	8.7	10.7	14.5	8.6	12.2
19	9.8	5.4	6.9	7.7	6.2	7.0	17.3	10.5	13.8	14.8	6.8	10.7
20	9.2	5.2	7.0	11.3	5.5	7.3	15.4	9.6	12.5	9.4	5.7	7.4
21	10.0	5.7	8.0	12.8	6.2	9.9	19.3	9.5	14.6	9.7	4.6	6.8
22	8.9	6.7	7.2	12.9	7.8	11.1	16.1	11.0	13.3	14.0	3.8	7.8
23	8.2	5.6	6.8	10.6	7.5	8.7	17.0	10.8	13.2	14.6	4.5	8.9
24	8.4	5.0	6.5	9.5	7.6	8.3	15.0	10.7	12.7	14.8	7.7	12.8
25	8.1	4.4	5.6	10.9	5.7	7.6	16.6	10.7	14.1	14.6	10.9	13.3
26	6.2	4.2	5.1	13.3	7.2	9.8	16.8	12.3	14.4	14.6	10.3	12.2
27	5.0	3.1	4.3	13.5	6.5	9.5	15.8	11.7	14.2	10.6	7.7	9.4
28	6.3	3.2	4.3	11.6	7.1	9.4	16.4	11.6	13.8	10.7	6.0	9.0
29	9.6	4.2	6.1	11.5	6.0	8.0	16.3	11.1	14.6	10.9	6.7	9.0
30	11.1	6.3	8.6	20.4	5.8	13.3	17.4	13.9	15.9	11.5	7.8	9.8
31	---	---	---	21.7	9.1	19.5	18.8	16.2	17.8	---	---	---
MONTH	11.1	0.91	6.3	21.7	3.9	8.2	21.8	7.0	13.1	---	---	---

SALINITY (PARTS PER THOUSAND), BOTTOM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	12.0	9.9	10.8	12.8	12.0	12.3	11.9	8.9	10.9	13.9	12.9	13.5
2	12.6	10.2	11.4	14.9	12.6	14.1	13.2	11.5	12.5	13.8	11.7	13.6
3	13.6	10.4	12.8	15.6	13.5	14.9	14.4	13.0	13.4	13.7	11.2	12.3
4	13.6	11.3	12.6	15.7	15.1	15.5	15.9	12.8	15.1	12.0	10.8	11.5
5	13.6	8.6	12.4	15.6	11.1	14.5	17.1	15.5	16.5	12.4	11.0	11.5
6	12.2	7.7	10.6	14.1	11.3	12.2	17.8	16.9	17.4	13.9	8.6	11.9
7	12.3	8.9	10.1	12.2	11.5	11.9	17.9	15.3	17.4	12.5	9.1	10.5
8	12.0	9.8	10.9	12.3	11.8	12.1	17.9	16.0	17.4	12.9	10.3	11.9
9	11.9	9.2	10.6	13.9	11.3	12.4	17.4	15.9	16.7	12.5	9.5	11.7
10	---	---	---	13.9	11.0	13.0	16.9	16.4	16.6	14.4	11.8	13.2
11	11.3	9.2	10.3	13.8	10.7	12.2	16.6	15.5	16.0	14.3	12.5	13.8
12	---	---	---	13.7	12.3	13.0	16.1	15.9	16.0	14.2	13.7	14.0
13	---	---	---	13.5	12.0	13.1	16.0	15.6	15.8	14.1	9.6	12.8
14	---	---	---	13.1	12.2	12.8	15.7	11.5	14.8	12.9	10.4	12.1
15	---	---	---	13.4	12.4	13.1	14.6	13.0	13.9	14.2	10.7	13.1
16	---	---	---	14.3	13.3	13.9	14.5	11.2	13.5	15.5	13.9	14.7
17	---	---	---	14.3	13.8	14.1	13.6	10.0	12.8	15.7	14.3	14.9
18	---	---	---	14.1	11.9	13.9	12.2	7.4	10.5	16.9	15.7	16.3
19	---	---	---	14.1	12.8	13.7	12.9	11.3	12.3	17.1	12.6	16.1
20	12.8	10.4	11.9	13.5	10.6	13.0	12.5	10.3	11.3	15.6	10.8	14.1
21	12.7	10.9	12.1	13.1	11.7	12.6	14.0	10.6	12.1	14.7	13.6	14.3
22	12.7	10.9	12.2	13.3	10.6	12.9	14.1	11.9	13.4	15.9	14.3	15.0
23	12.6	12.2	12.5	13.6	13.0	13.4	14.3	10.2	13.2	14.9	12.3	14.3
24	12.6	10.4	12.2	13.5	9.7	12.5	13.2	9.1	10.9	14.7	11.3	13.4
25	12.0	8.8	11.0	12.0	10.0	10.8	13.9	13.2	13.6	15.4	11.2	14.2
26	12.2	8.6	11.0	12.7	10.6	11.8	14.0	13.4	13.8	15.3	14.2	14.8
27	10.8	8.3	9.6	13.1	10.9	12.6	13.8	12.4	13.4	15.2	11.9	14.7
28	11.1	9.1	10.3	13.1	12.3	12.8	13.0	9.6	11.4	15.5	12.6	15.0
29	11.1	9.2	10.6	13.3	12.0	12.9	12.4	9.5	11.0	15.9	15.2	15.5
30	12.4	11.1	11.8	12.8	6.4	10.8	12.1	9.1	11.0	15.9	14.5	15.6
31	12.6	11.7	12.3	---	---	---	12.9	12.1	12.5	15.7	14.5	15.3
MONTH	---	---	---	15.7	6.4	13.0	17.9	7.4	13.8	17.1	8.6	13.7

02092162 NEUSE RIVER AT NEW BERN, NC--Continued

SALINITY (PARTS PER THOUSAND), BOTTOM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	15.2	0.20	2.3	13.3	9.1	11.7	0.45	0.07	0.22	8.4	5.2	6.4
2	15.2	0.17	10.6	---	---	---	0.16	0.06	0.08	6.4	2.6	3.9
3	15.0	13.7	14.4	7.8	2.6	4.6	0.07	0.06	0.06	7.4	3.1	5.3
4	16.0	7.3	13.4	7.4	3.7	5.6	1.3	0.05	0.33	6.7	5.0	6.1
5	10.8	5.9	8.8	9.7	3.5	7.8	0.06	0.05	0.05	6.7	3.4	4.9
6	11.5	8.6	10.9	9.1	1.0	6.3	0.31	0.04	0.07	7.8	4.1	6.8
7	11.6	8.5	10.8	8.0	0.80	4.2	0.14	0.05	0.08	5.2	2.8	4.2
8	12.9	11.2	12.2	8.8	1.1	6.0	0.08	0.04	0.05	8.0	2.9	5.1
9	12.9	11.9	12.5	---	---	---	0.04	0.04	0.04	8.0	2.0	5.4
10	13.1	9.2	11.8	6.7	0.10	1.1	0.06	0.04	0.05	7.2	2.1	4.2
11	11.6	4.5	8.6	8.6	3.5	7.1	0.06	0.04	0.05	10.0	7.0	8.8
12	9.4	6.5	7.7	6.7	2.3	4.1	0.05	0.04	0.05	9.2	5.8	8.3
13	10.7	7.0	8.9	4.9	1.3	3.5	0.06	0.04	0.05	7.1	2.0	4.4
14	11.0	10.1	10.6	6.8	2.7	5.2	0.06	0.05	0.06	5.7	2.2	4.5
15	10.7	10.1	10.5	4.5	0.27	1.9	0.06	0.05	0.06	11.1	5.6	8.1
16	11.2	10.4	10.8	0.30	0.16	0.22	0.06	0.06	0.06	10.6	3.8	8.8
17	11.1	4.9	8.8	7.3	0.17	2.7	0.11	0.06	0.06	7.9	3.4	5.7
18	11.1	4.8	8.2	10.2	2.2	7.0	0.84	0.06	0.15	6.4	1.7	3.7
19	10.6	6.8	9.8	12.9	8.2	10.7	9.3	0.09	5.1	7.1	3.8	5.1
20	10.2	1.0	6.2	11.6	3.9	7.7	10.0	0.87	7.0	9.5	6.3	7.9
21	8.8	1.0	3.9	12.4	3.0	8.9	12.3	9.4	10.9	9.8	7.4	9.0
22	10.5	8.5	9.3	10.6	3.2	5.6	11.6	5.4	9.6	10.0	8.3	9.4
23	13.3	10.3	12.1	6.0	2.9	4.6	12.8	10.6	12.1	10.4	8.3	9.6
24	14.2	11.9	13.5	4.6	1.1	3.0	12.4	6.2	9.9	10.0	6.3	8.6
25	13.8	10.5	12.8	2.8	0.50	1.5	7.3	2.6	4.8	9.7	6.5	8.1
26	---	---	---	2.9	0.16	0.68	8.3	2.6	6.7	8.4	5.1	7.1
27	---	---	---	1.0	0.13	0.40	9.0	5.9	8.0	7.6	5.6	6.4
28	11.3	6.3	8.5	3.6	0.20	1.3	7.3	0.93	4.4	7.9	5.9	6.9
29	---	---	---	3.6	0.12	2.1	8.0	1.3	3.7	8.5	5.8	7.1
30	---	---	---	0.15	0.07	0.09	7.9	3.2	6.2	8.6	6.4	7.7
31	---	---	---	0.53	0.07	0.30	---	---	---	8.8	5.8	7.6
MONTH	---	---	---	---	---	---	12.8	0.04	3.0	11.1	1.7	6.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	8.0	5.4	6.3	15.9	13.0	14.9	22.1	21.4	21.9	18.3	17.9	18.2
2	10.0	5.9	8.1	15.4	10.9	14.1	21.9	20.1	21.4	18.8	18.1	18.6
3	11.0	9.7	10.4	14.8	7.7	12.0	21.4	17.8	20.3	18.6	17.8	18.4
4	10.7	6.4	8.4	13.5	7.5	10.8	20.5	15.7	18.6	18.1	16.2	17.8
5	7.3	5.9	6.6	13.4	9.0	11.7	18.6	14.1	16.3	---	---	---
6	7.0	5.0	6.4	14.3	9.0	13.4	18.9	13.5	15.8	17.8	17.4	17.6
7	8.2	4.6	6.2	13.9	11.9	13.1	17.0	14.5	15.7	17.9	17.5	17.7
8	8.9	6.7	8.0	13.1	8.1	11.9	16.2	12.9	14.5	18.3	17.8	18.1
9	9.5	7.9	8.8	11.9	6.6	9.9	15.7	13.2	14.5	18.3	14.7	17.2
10	9.5	5.7	8.2	10.7	6.1	7.3	16.8	14.2	15.2	16.5	13.3	15.1
11	8.5	5.6	7.4	10.9	6.8	9.3	16.3	13.0	15.0	15.6	12.3	13.9
12	9.2	5.1	7.0	13.3	10.6	12.2	15.8	12.0	14.2	16.1	14.7	15.4
13	10.5	5.1	7.1	14.1	11.6	12.7	15.9	11.7	13.9	15.5	14.5	14.9
14	7.9	4.7	6.4	12.4	8.8	11.1	15.6	11.7	13.4	15.4	8.9	13.2
15	9.7	6.1	7.8	13.3	10.4	12.2	13.3	11.4	12.5	13.1	9.0	11.4
16	12.0	8.9	10.6	13.9	11.0	12.9	13.5	11.9	12.8	11.7	6.1	9.2
17	12.6	9.5	11.0	14.4	13.1	14.0	15.7	13.1	14.4	14.9	9.7	12.7
18	12.7	9.7	11.4	14.0	9.6	12.8	16.8	14.1	15.5	15.1	13.8	14.7
19	12.5	10.3	11.5	12.2	7.0	10.0	18.9	16.2	17.4	15.3	12.6	14.8
20	12.5	9.2	11.1	13.0	8.6	10.9	19.9	17.9	19.1	15.0	13.3	14.4
21	12.6	8.5	10.3	14.5	11.9	13.2	20.5	18.6	19.8	15.1	13.2	14.6
22	11.1	9.0	10.2	15.9	13.7	15.1	19.6	14.9	18.4	15.2	11.3	14.5
23	10.2	8.6	9.5	16.0	8.2	12.9	19.5	14.9	17.1	14.9	14.0	14.6
24	9.6	6.1	8.6	10.9	9.0	9.8	19.8	13.6	17.6	15.3	14.7	15.0
25	11.4	5.6	8.3	14.3	8.8	11.1	18.4	13.8	16.3	15.6	15.1	15.4
26	9.4	4.8	7.1	15.2	12.0	14.0	17.5	14.9	16.3	15.3	12.2	14.1
27	6.1	3.4	5.0	15.9	11.7	14.5	16.4	15.2	15.9	12.2	9.2	11.0
28	8.8	4.5	5.3	15.3	11.7	14.7	16.6	15.1	16.1	11.3	9.7	10.6
29	12.6	7.5	10.1	17.7	13.8	15.9	17.1	16.1	16.7	12.2	10.8	11.6
30	15.7	12.6	14.5	20.3	16.5	18.6	17.7	16.7	17.3	12.5	11.5	12.0
31	---	---	---	21.8	20.3	21.1	18.8	17.5	18.3	---	---	---
MONTH	15.7	3.4	8.6	21.8	6.1	12.8	22.1	11.4	16.5	---	---	---

NEUSE RIVER BASIN

02092162 NEUSE RIVER AT NEW BERN, NC--Continued

PH, WATER, WHOLE, FIELD STANDARD UNITS, TOP, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.3	7.6	7.9	7.8	7.1	7.3	8.9	8.0	8.5	8.1	7.9	8.0
2	7.9	7.7	7.8	7.4	7.0	7.2	8.4	6.8	7.2	8.3	7.9	8.0
3	8.6	7.8	8.0	7.7	7.0	7.3	7.1	6.8	6.9	8.2	7.9	8.0
4	8.6	7.2	8.1	8.1	6.9	7.3	6.9	6.7	6.8	8.1	7.8	7.9
5	8.8	6.7	7.7	7.8	6.9	7.3	6.9	6.7	6.8	8.1	7.8	7.9
6	8.8	7.4	8.5	7.7	7.1	7.4	7.6	6.7	6.9	8.0	7.7	7.9
7	8.7	7.0	7.8	8.2	7.3	7.5	8.2	6.8	7.0	7.8	7.6	7.7
8	8.4	6.9	7.5	7.8	7.0	7.3	6.9	6.7	6.8	7.9	7.5	7.7
9	8.2	7.1	7.7	8.3	7.2	7.9	7.3	6.7	6.8	7.9	7.3	7.6
10	---	---	---	8.3	7.0	7.5	7.0	6.8	6.8	7.6	7.1	7.3
11	8.6	7.3	7.9	8.5	7.4	8.0	6.9	6.8	6.8	8.0	7.2	7.5
12	---	---	---	8.6	7.2	8.0	6.9	6.8	6.9	7.8	6.9	7.5
13	---	---	---	8.3	7.1	7.6	7.1	6.8	6.9	7.9	7.1	7.6
14	---	---	---	8.7	7.1	7.7	7.3	7.0	7.1	7.7	6.8	7.5
15	---	---	---	8.4	7.2	7.9	7.4	7.1	7.2	8.4	6.8	7.7
16	---	---	---	8.3	7.5	7.8	7.4	7.2	7.3	8.7	7.6	8.0
17	---	---	---	8.6	7.3	7.9	7.5	7.2	7.3	8.5	7.2	7.7
18	---	---	---	8.3	7.4	7.7	7.7	7.3	7.5	8.4	7.7	8.1
19	---	---	---	8.0	7.2	7.7	7.6	7.3	7.4	8.3	7.4	7.9
20	8.9	7.7	8.4	9.0	7.6	8.3	7.7	7.3	7.5	8.3	7.4	7.8
21	8.2	7.4	7.7	8.8	7.8	8.2	8.0	7.5	7.7	8.2	7.4	8.0
22	9.2	7.5	8.3	8.6	7.5	7.9	8.2	7.7	7.9	8.8	7.5	8.0
23	8.4	7.6	7.9	8.8	7.5	8.0	8.2	7.6	7.9	8.4	7.2	7.8
24	9.1	7.5	7.9	8.9	7.5	8.4	8.1	7.6	7.9	7.3	7.1	7.2
25	8.6	7.4	8.0	8.9	8.1	8.7	7.9	7.4	7.7	7.2	6.9	7.2
26	8.1	7.6	7.9	8.7	7.2	8.2	8.1	7.7	7.9	7.4	6.8	7.1
27	8.1	7.7	7.9	7.9	6.9	7.2	8.1	7.8	7.9	7.0	6.8	6.9
28	8.4	7.8	8.1	8.4	6.8	7.1	8.1	7.7	7.9	6.9	6.6	6.8
29	8.8	7.9	8.4	7.2	6.8	7.0	8.3	7.8	8.0	6.8	6.7	6.7
30	8.8	7.9	8.2	8.8	6.7	7.8	8.2	7.8	8.0	6.8	6.6	6.7
31	8.4	7.2	7.8	---	---	---	8.2	7.9	8.0	6.8	6.6	6.6
MONTH	---	---	---	9.0	6.7	7.7	8.9	6.7	7.4	8.8	6.6	7.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	6.7	6.5	6.6	9.0	7.4	8.1	7.2	7.0	7.1	7.2	6.8	7.0
2	6.7	6.5	6.6	---	---	---	7.1	6.8	6.9	7.4	6.9	7.1
3	6.7	6.4	6.5	7.9	7.0	7.2	---	---	---	7.6	7.0	7.3
4	7.2	6.5	6.8	7.4	7.0	7.2	---	---	---	7.7	7.1	7.3
5	7.2	6.9	7.1	7.2	6.7	6.9	---	---	---	7.3	7.0	7.2
6	7.1	6.7	6.8	6.9	6.5	6.7	6.9	6.6	6.7	7.3	6.9	7.1
7	7.2	6.7	6.9	6.7	6.2	6.4	6.8	6.6	6.7	7.7	7.1	7.4
8	7.2	6.8	7.0	6.5	6.3	6.4	6.8	6.6	6.7	7.5	7.0	7.3
9	7.1	6.8	7.0	---	---	---	6.8	6.7	6.7	7.5	7.0	7.1
10	6.9	6.8	6.9	6.8	6.4	6.6	6.8	6.7	6.7	7.5	6.9	7.2
11	7.2	6.8	7.0	7.0	6.6	6.8	6.8	6.7	6.7	7.9	6.9	7.2
12	7.1	7.0	7.1	6.7	6.4	6.6	6.7	6.7	6.7	8.3	7.1	7.5
13	7.0	6.7	6.9	6.7	6.4	6.6	6.8	6.7	6.8	8.3	7.6	7.9
14	7.2	6.7	7.0	6.8	6.6	6.7	6.8	6.7	6.8	8.6	7.6	7.9
15	7.1	6.7	6.8	6.8	6.5	6.7	6.9	6.8	6.8	8.7	7.7	8.1
16	7.0	6.6	6.8	6.7	6.5	6.6	6.9	6.8	6.8	8.6	7.5	8.0
17	7.2	6.7	7.0	7.0	6.6	6.8	6.9	6.8	6.8	8.5	7.2	7.9
18	7.2	7.0	7.1	7.0	6.6	6.8	6.9	6.8	6.9	7.8	7.2	7.5
19	8.6	6.9	7.3	7.0	6.7	6.8	7.0	6.8	6.9	7.9	7.3	7.5
20	7.0	6.8	6.9	7.1	6.8	6.9	7.0	6.7	6.9	7.9	7.3	7.6
21	7.1	6.9	7.0	7.1	6.9	7.0	7.0	6.4	6.8	8.6	7.2	7.7
22	7.1	6.7	6.9	7.2	6.9	7.1	7.1	6.7	6.9	8.2	7.0	7.6
23	7.2	6.9	7.0	7.2	6.9	7.1	7.0	6.6	6.8	8.2	7.0	7.6
24	7.6	6.9	7.2	7.1	7.0	7.0	7.1	6.6	6.9	8.6	7.1	8.0
25	8.5	7.2	7.8	7.1	6.9	7.0	7.2	6.8	7.0	8.7	7.1	8.2
26	---	---	---	7.1	6.9	7.0	7.2	6.9	7.1	9.0	7.9	8.5
27	---	---	---	7.2	7.0	7.1	7.1	6.8	7.0	8.7	8.0	8.4
28	8.5	7.1	7.8	7.2	7.0	7.1	7.1	6.9	7.1	8.8	7.9	8.5
29	---	---	---	7.1	7.0	7.0	7.4	7.0	7.2	8.9	7.9	8.4
30	---	---	---	7.1	7.0	7.0	7.4	6.8	7.1	8.6	7.0	7.9
31	---	---	---	7.2	7.0	7.1	---	---	---	7.8	7.0	7.4
MONTH	---	---	---	---	---	---	---	---	---	9.0	6.8	7.7

02092162 NEUSE RIVER AT NEW BERN, NC--Continued

PH, WATER, WHOLE, FIELD STANDARD UNITS, TOP, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

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

PH, WATER, WHOLE, FIELD, STANDARD UNITS, BOTTOM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

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

NEUSE RIVER BASIN

02092162 NEUSE RIVER AT NEW BERN, NC--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, BOTTOM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.1	6.6	6.7	8.1	7.3	7.6	7.3	7.2	7.3	6.8	6.6	6.7
2	7.2	6.6	7.0	---	---	---	7.3	7.0	7.1	7.6	6.7	7.0
3	7.2	7.0	7.1	8.0	7.2	7.5	7.1	6.8	6.9	7.4	6.9	7.1
4	7.3	7.1	7.2	7.6	7.3	7.4	7.2	6.8	7.0	7.4	7.0	7.2
5	7.4	7.3	7.4	7.3	7.0	7.2	6.9	6.7	6.8	7.4	7.1	7.3
6	7.3	7.2	7.3	7.0	6.8	6.9	7.0	6.7	6.8	7.2	7.1	7.1
7	7.3	7.2	7.2	6.9	6.6	6.8	6.9	6.7	6.8	7.6	7.0	7.2
8	7.3	7.2	7.2	6.9	6.7	6.8	6.8	6.7	6.7	7.4	6.9	7.1
9	7.3	7.1	7.2	---	---	---	6.9	6.7	6.8	7.1	6.6	6.9
10	7.3	7.0	7.1	7.0	6.7	6.9	6.9	6.8	6.8	7.3	6.8	6.9
11	7.3	6.9	7.1	6.9	6.8	6.8	6.9	6.8	6.8	7.0	6.7	6.9
12	7.2	7.0	7.1	6.9	6.7	6.8	6.8	6.7	6.8	7.5	6.8	7.0
13	7.1	6.9	7.0	6.9	6.7	6.8	6.9	6.8	6.8	8.0	6.9	7.4
14	7.2	7.0	7.1	6.9	6.7	6.8	6.9	6.8	6.9	8.4	7.2	7.7
15	7.2	7.0	7.1	6.9	6.7	6.8	7.0	6.8	6.9	7.8	7.2	7.4
16	7.1	6.9	7.0	7.0	6.9	6.9	7.0	6.8	6.9	8.3	6.8	7.2
17	7.3	7.0	7.1	7.0	6.7	6.8	7.0	6.9	6.9	8.4	6.7	7.4
18	7.3	7.0	7.2	6.8	6.7	6.8	7.0	6.7	6.9	8.4	7.3	7.7
19	7.5	7.0	7.1	6.8	6.7	6.7	7.0	6.4	6.8	7.9	7.3	7.4
20	7.1	6.8	7.0	6.8	6.7	6.7	6.9	6.6	6.7	7.5	6.9	7.2
21	7.2	6.8	7.0	6.7	6.6	6.6	6.8	6.7	6.7	7.1	6.8	6.9
22	7.1	6.8	7.0	6.9	6.6	6.8	6.8	6.6	6.7	8.0	6.9	7.2
23	7.1	6.9	7.0	6.8	6.7	6.8	6.8	6.6	6.7	7.9	6.9	7.1
24	7.3	6.9	7.0	6.9	6.7	6.8	6.8	6.5	6.7	8.0	6.8	7.1
25	8.3	6.9	7.2	7.0	6.7	6.8	7.2	6.6	6.9	7.7	6.8	7.0
26	---	---	---	7.2	6.8	7.0	7.1	6.8	7.0	9.0	6.7	7.2
27	---	---	---	7.2	7.0	7.1	6.9	6.6	6.8	8.7	6.8	7.6
28	8.2	7.2	7.8	7.2	6.9	7.1	7.1	6.6	6.8	8.6	6.9	7.3
29	---	---	---	7.2	6.8	7.0	7.2	6.7	7.0	8.2	6.9	7.3
30	---	---	---	7.3	7.1	7.2	7.0	6.7	6.8	7.7	7.0	7.2
31	---	---	---	7.4	7.2	7.3	---	---	---	7.2	7.0	7.1
MONTH	---	---	---	---	---	---	7.3	6.4	6.8	9.0	6.6	7.2
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.7	7.0	7.3	7.2	7.0	7.1	7.2	7.2	7.2	7.4	6.9	7.3
2	7.2	7.1	7.1	7.2	6.8	7.0	7.2	7.1	7.2	7.4	7.0	7.3
3	7.3	7.1	7.2	7.0	6.7	6.9	7.2	6.9	7.1	7.4	7.1	7.2
4	7.5	6.7	7.2	6.9	6.7	6.8	7.2	6.8	7.0	7.5	7.1	7.3
5	7.9	6.8	7.2	6.9	6.7	6.8	7.0	6.8	6.9	---	---	---
6	7.6	6.8	7.2	6.9	6.7	6.8	7.3	6.8	7.0	7.4	7.2	7.3
7	7.4	6.8	7.0	7.1	6.8	6.9	7.3	6.9	7.0	7.3	7.3	7.3
8	7.3	7.0	7.2	7.2	6.9	7.0	7.6	6.9	7.2	7.4	7.3	7.3
9	7.2	7.0	7.1	7.7	6.8	7.0	7.3	6.8	7.0	7.6	7.3	7.4
10	8.3	7.0	7.2	7.9	6.8	7.2	7.2	6.5	6.8	7.6	7.4	7.5
11	7.7	6.8	7.1	7.7	7.1	7.3	7.2	6.7	7.0	7.5	7.3	7.3
12	7.5	6.7	7.0	7.5	7.1	7.2	7.9	6.9	7.1	7.4	7.2	7.3
13	7.2	6.7	6.8	7.3	7.1	7.2	7.6	6.7	7.0	7.3	7.0	7.1
14	7.6	6.7	6.9	8.1	7.1	7.3	7.7	6.7	7.0	7.3	7.0	7.1
15	7.1	6.8	6.9	7.3	6.8	7.1	7.7	6.8	7.1	7.0	6.9	7.0
16	6.8	6.8	6.8	7.0	6.8	6.9	7.1	6.4	6.7	7.2	6.8	6.9
17	6.8	6.8	6.8	6.9	6.8	6.9	6.6	6.2	6.4	7.1	7.0	7.0
18	6.9	6.8	6.8	7.0	6.7	6.8	6.5	6.1	6.3	7.1	7.0	7.0
19	6.9	6.8	6.8	7.9	6.7	7.0	7.1	6.5	6.8	7.2	7.0	7.1
20	6.9	6.8	6.8	7.2	6.7	6.9	7.2	6.9	7.1	7.2	6.9	7.0
21	7.5	6.8	7.0	7.1	6.8	6.9	7.2	6.9	7.1	7.0	6.8	7.0
22	6.9	6.7	6.8	7.1	6.8	7.0	7.3	7.0	7.1	7.0	6.8	7.0
23	6.8	6.7	6.8	7.6	6.9	7.1	7.3	6.9	7.1	7.0	6.9	7.0
24	6.9	6.7	6.7	7.6	6.8	7.1	7.3	6.9	7.1	7.0	7.0	7.0
25	6.9	6.7	6.8	7.5	6.7	7.0	7.4	6.9	7.2	7.1	7.0	7.0
26	7.4	6.7	7.0	6.9	6.8	6.9	7.1	7.0	7.1	7.0	6.8	6.9
27	7.8	7.2	7.5	7.2	6.8	6.9	7.3	7.0	7.2	7.5	6.8	7.2
28	7.9	7.0	7.4	7.1	6.8	7.0	7.4	7.1	7.2	7.5	6.9	7.2
29	7.1	6.9	7.0	7.1	7.0	7.1	7.6	7.3	7.4	7.2	6.8	7.0
30	7.1	7.0	7.1	7.1	6.9	7.1	7.5	7.4	7.4	7.2	6.8	6.9
31	---	---	---	7.2	7.1	7.1	7.4	7.2	7.3	---	---	---
MONTH	8.3	6.7	7.0	8.1	6.7	7.0	7.9	6.1	7.0	---	---	---

NEUSE RIVER BASIN

02092162 NEUSE RIVER AT NEW BERN, NC--Continued

WATER TEMPERATURE, DEGREES CELSIUS, TOP, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	20.6	19.5	20.0	16.8	15.4	16.0	18.7	17.8	18.3	9.0	8.0	8.6
2	20.9	19.7	20.0	17.4	15.8	16.4	18.2	16.8	17.4	8.9	6.7	7.9
3	21.0	20.2	20.5	17.8	16.9	17.3	17.3	16.9	17.1	6.9	5.9	6.6
4	22.6	20.9	21.5	18.3	16.4	17.1	17.3	16.7	17.1	6.0	5.2	5.5
5	22.7	21.5	21.9	17.6	15.2	16.6	17.1	16.7	16.9	5.6	3.8	4.9
6	23.1	21.6	22.6	15.5	14.5	14.9	17.7	16.6	17.0	6.4	5.1	5.7
7	21.8	20.6	20.9	15.4	14.1	14.6	17.8	16.5	17.3	6.4	5.8	6.2
8	21.0	18.8	19.8	15.2	14.6	14.9	17.6	16.4	16.8	6.2	5.1	5.7
9	20.4	18.0	18.9	15.5	14.7	15.1	17.6	16.6	17.0	6.9	5.1	6.0
10	---	---	---	15.9	15.3	15.5	16.7	16.0	16.5	6.9	5.4	6.1
11	20.6	19.0	19.7	15.8	14.6	15.3	16.6	15.8	16.4	7.8	6.2	6.8
12	---	---	---	15.5	14.1	14.7	16.5	16.3	16.4	7.3	6.5	7.0
13	---	---	---	15.3	12.5	14.3	16.7	16.2	16.5	8.1	6.3	7.1
14	---	---	---	15.3	14.0	14.8	17.0	16.4	16.7	7.5	6.5	7.2
15	---	---	---	15.1	14.4	14.8	17.1	16.2	16.9	7.4	6.4	7.0
16	---	---	---	15.7	14.4	14.8	16.7	14.7	15.8	7.9	6.5	7.6
17	---	---	---	15.9	14.7	15.2	16.2	14.7	15.8	8.4	6.6	7.5
18	---	---	---	15.2	14.4	14.8	16.2	15.3	15.9	8.2	7.9	8.0
19	---	---	---	15.4	14.9	15.0	15.9	15.3	15.7	9.1	7.9	8.4
20	20.3	18.0	18.5	16.5	15.0	15.6	15.8	13.2	14.5	8.8	7.8	8.3
21	20.6	18.8	19.6	15.2	14.0	14.6	13.8	11.3	12.6	8.4	7.9	8.3
22	21.1	19.7	20.6	15.1	14.7	14.9	12.9	10.6	11.8	9.7	7.5	8.6
23	21.2	20.2	20.7	15.0	13.4	14.5	13.2	11.9	12.5	9.2	8.3	8.8
24	22.6	20.8	21.6	15.2	14.1	14.6	12.9	11.7	12.4	11.0	8.6	9.8
25	23.5	21.2	22.5	15.8	15.0	15.3	12.8	10.6	12.1	11.2	9.1	10.3
26	21.4	18.0	19.8	15.7	15.3	15.5	12.3	11.0	11.7	10.0	8.5	9.3
27	18.1	16.3	17.2	15.9	15.3	15.5	11.7	9.0	10.2	10.8	8.9	9.6
28	16.3	14.0	15.1	17.1	15.6	16.0	10.5	8.6	9.4	11.3	9.6	10.2
29	15.7	13.1	14.4	17.0	15.8	16.3	9.7	8.4	9.0	11.8	10.0	10.8
30	17.1	14.6	15.1	18.5	16.2	17.5	9.1	8.1	8.6	13.7	11.0	12.1
31	16.3	14.0	15.2	---	---	---	9.3	8.6	9.0	14.3	12.3	13.3
MONTH	---	---	---	18.5	12.5	15.4	18.7	8.1	14.6	14.3	3.8	8.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	15.8	13.5	14.6	11.0	8.4	10.0	20.1	18.8	19.3	22.9	21.8	22.1
2	15.0	13.4	14.3	---	---	---	20.2	18.9	19.5	24.7	22.0	23.1
3	13.4	12.1	12.8	13.0	11.1	12.2	---	---	---	24.7	23.2	23.9
4	12.3	9.7	11.6	12.9	10.6	11.9	---	---	---	23.6	21.4	22.3
5	9.7	7.8	8.8	11.9	9.4	10.6	---	---	---	21.7	20.1	20.7
6	9.2	8.1	8.9	12.3	10.0	11.2	17.5	15.9	16.4	21.5	19.8	20.6
7	9.1	8.2	8.8	13.4	10.7	11.8	16.8	14.6	15.6	23.5	21.2	22.4
8	9.9	8.3	8.9	13.3	11.7	12.6	16.6	14.7	15.6	25.1	23.0	23.5
9	10.0	9.0	9.5	---	---	---	18.2	15.7	16.8	26.0	22.8	24.2
10	10.6	9.6	10.2	15.0	13.7	14.4	18.2	17.2	17.7	27.6	24.2	25.3
11	11.2	10.0	10.6	14.2	12.6	13.3	18.6	16.9	17.8	25.0	23.2	24.0
12	11.5	9.4	10.6	14.0	12.6	13.3	19.3	17.5	18.4	25.3	23.5	24.1
13	10.9	9.5	10.3	14.7	13.9	14.1	19.4	18.6	19.1	26.2	24.6	25.4
14	10.7	9.1	10.1	16.7	14.1	15.2	21.2	19.1	19.9	25.2	23.0	24.1
15	10.7	8.8	9.7	16.7	15.3	15.9	21.7	20.1	20.8	23.4	21.5	22.5
16	10.8	9.6	10.2	18.1	16.4	17.2	22.6	20.7	21.6	24.0	22.1	22.9
17	10.9	9.8	10.4	18.0	16.5	17.2	23.7	21.7	22.5	24.9	22.5	23.5
18	9.8	8.5	9.1	17.5	15.9	16.5	24.8	22.3	23.3	24.4	22.7	23.6
19	10.2	8.3	9.5	16.6	14.9	16.1	25.1	23.6	24.3	22.7	20.4	21.5
20	11.5	9.9	10.7	17.7	15.6	16.5	24.8	21.3	23.9	21.0	19.8	20.5
21	13.3	11.4	12.1	17.5	16.1	16.7	26.3	18.3	23.3	22.0	19.1	20.6
22	12.4	11.2	11.7	16.2	14.2	14.9	25.6	20.8	24.2	20.7	19.3	20.2
23	11.2	10.7	11.0	14.8	13.0	14.0	24.1	20.2	21.6	21.0	19.2	20.1
24	11.6	9.7	10.8	15.5	13.4	14.7	22.0	20.5	21.2	21.7	20.1	21.0
25	12.0	10.1	11.3	16.9	14.7	15.5	22.1	20.7	21.5	23.6	21.3	22.0
26	---	---	---	17.3	15.9	16.6	21.7	20.1	20.8	25.2	22.8	24.0
27	---	---	---	17.3	16.5	17.0	21.2	20.2	20.6	25.4	24.2	24.8
28	11.2	8.9	10.0	17.5	15.2	16.3	22.2	20.2	21.2	26.1	24.5	25.4
29	---	---	---	17.3	15.5	16.4	23.1	21.7	22.3	25.5	24.6	25.1
30	---	---	---	18.2	16.7	17.4	23.6	20.9	21.8	26.5	24.7	25.5
31	---	---	---	19.6	17.9	18.7	---	---	---	27.1	24.9	25.8
MONTH	---	---	---	---	---	---	---	---	---	27.6	19.1	23.1

NEUSE RIVER BASIN

02092162 NEUSE RIVER AT NEW BERN, NC--Continued

WATER TEMPERATURE, DEGREES CELSIUS, TOP, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	27.4	25.9	26.6	29.4	27.9	28.5	30.6	28.8	29.4	28.1	26.9	27.5
2	28.3	25.8	26.7	29.4	28.6	29.0	31.3	29.3	30.3	27.6	26.9	27.2
3	28.0	25.4	26.3	30.5	28.7	29.4	31.4	29.4	30.3	27.6	26.9	27.1
4	28.0	25.8	27.1	31.1	29.3	29.9	30.7	29.7	30.3	28.9	27.5	28.0
5	28.4	26.9	27.5	30.8	29.5	30.0	30.7	28.8	29.8	---	---	---
6	28.9	27.2	28.0	30.5	28.9	29.5	30.5	29.0	29.7	27.6	27.1	27.3
7	28.1	26.5	27.5	30.2	28.2	29.2	29.5	27.5	28.6	27.4	26.6	27.1
8	26.5	25.4	25.9	29.8	27.9	28.8	28.4	26.7	27.5	27.7	26.8	27.1
9	26.1	24.0	25.1	30.6	28.6	29.2	27.8	26.3	27.1	27.3	25.9	26.6
10	26.5	24.9	25.6	30.3	28.7	29.2	27.8	25.8	26.8	26.2	25.8	26.0
11	27.8	26.1	26.8	29.3	27.4	28.3	28.0	26.3	26.9	26.7	25.4	25.9
12	28.1	26.7	27.4	27.9	26.1	27.1	28.2	27.0	27.5	26.1	24.8	25.8
13	28.9	27.1	27.8	27.3	26.1	26.7	28.9	27.8	28.1	26.1	24.6	25.2
14	28.9	27.5	28.1	27.7	26.1	26.9	28.9	27.8	28.3	26.0	25.2	25.7
15	28.6	27.4	28.0	28.3	27.1	27.4	28.9	28.1	28.6	26.8	25.8	26.2
16	28.4	27.5	27.8	31.0	27.2	28.4	29.2	28.2	28.5	26.8	26.1	26.5
17	28.3	26.7	27.5	29.3	27.2	28.2	29.8	28.4	28.8	26.8	26.3	26.4
18	28.2	26.7	27.5	30.7	29.1	29.7	30.0	28.8	29.2	26.8	26.3	26.6
19	27.0	25.9	26.5	31.2	30.0	30.5	29.8	28.3	28.9	26.9	25.9	26.5
20	26.3	25.5	25.9	31.1	29.7	30.6	29.6	28.8	29.2	26.8	25.6	26.3
21	26.2	25.2	25.7	30.4	29.3	29.7	29.4	28.0	28.8	27.1	26.0	26.8
22	26.5	25.3	25.9	30.0	29.5	29.7	29.3	27.8	28.5	27.7	25.8	26.6
23	27.9	25.6	26.5	30.0	28.7	29.3	29.7	28.4	29.0	27.6	26.6	26.9
24	29.8	26.6	27.7	29.4	28.6	29.0	30.4	29.1	29.6	26.7	26.0	26.5
25	29.5	27.3	28.4	29.5	28.4	29.0	30.3	28.9	29.4	26.7	25.7	26.3
26	29.6	28.3	28.8	30.1	28.8	29.1	30.3	29.0	29.4	26.5	25.2	25.9
27	29.2	28.0	28.4	30.5	28.9	29.3	29.9	29.0	29.3	26.8	25.6	26.3
28	28.9	27.0	27.9	31.2	29.1	29.7	29.6	27.6	28.6	27.6	26.5	26.8
29	28.8	27.2	27.8	31.8	29.7	30.3	28.7	27.4	28.3	26.8	25.8	26.4
30	28.6	27.8	28.1	31.0	28.7	29.9	28.6	28.1	28.3	26.6	25.3	26.0
31	---	---	---	31.7	28.6	29.2	28.1	27.8	28.0	---	---	---
MONTH	29.8	24.0	27.2	31.8	26.1	29.1	31.4	25.8	28.7	---	---	---

WATER TEMPERATURE, DEGREES CELSIUS, BOTTOM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	21.5	20.0	20.6	15.5	15.1	15.2	17.1	16.2	16.6	8.9	8.6	8.7
2	20.5	20.1	20.3	15.8	15.2	15.5	17.3	16.5	16.8	8.8	7.1	8.6
3	20.8	20.1	20.3	16.1	15.5	15.9	17.2	16.8	17.1	8.1	6.3	7.0
4	21.0	20.4	20.6	16.4	16.0	16.2	17.1	16.5	16.7	6.3	5.1	5.4
5	21.5	20.5	20.9	16.5	16.4	16.4	16.6	16.4	16.5	5.9	5.4	5.6
6	22.1	21.1	21.5	16.5	14.8	15.4	16.5	16.3	16.4	6.1	5.6	5.9
7	21.6	20.8	21.2	15.1	14.5	14.9	16.7	16.3	16.5	6.3	5.9	6.1
8	21.2	20.1	20.8	15.3	14.8	15.1	16.8	16.3	16.5	6.5	5.9	6.2
9	20.7	19.0	20.0	15.4	15.1	15.2	16.7	16.5	16.6	6.7	6.3	6.4
10	---	---	---	15.8	15.3	15.5	16.6	16.5	16.6	7.0	6.6	6.7
11	20.0	19.6	19.9	15.8	15.2	15.6	16.6	16.4	16.5	6.9	6.5	6.7
12	---	---	---	15.6	15.2	15.4	16.5	16.5	16.5	7.0	6.6	6.8
13	---	---	---	15.4	14.6	15.2	16.6	16.4	16.5	7.9	6.8	7.1
14	---	---	---	15.4	14.8	15.2	16.7	16.6	16.6	7.6	7.2	7.4
15	---	---	---	15.2	14.6	14.9	16.8	16.5	16.7	8.2	7.4	7.6
16	---	---	---	14.8	14.3	14.5	16.6	15.4	16.2	8.2	7.7	7.8
17	---	---	---	14.8	14.4	14.6	16.4	15.9	16.2	8.2	7.9	8.0
18	---	---	---	15.0	14.7	14.8	16.3	15.6	15.9	8.2	7.9	8.0
19	---	---	---	15.3	14.8	15.0	15.9	15.6	15.7	8.6	7.9	8.1
20	19.6	19.1	19.4	15.7	15.1	15.3	15.9	14.0	15.0	8.5	8.2	8.4
21	19.5	19.3	19.4	15.5	14.7	15.0	14.6	12.1	13.8	8.6	8.3	8.4
22	19.6	19.3	19.5	15.1	14.7	15.0	13.8	12.5	13.0	8.7	8.4	8.5
23	19.7	19.1	19.4	15.1	14.9	15.0	13.4	12.4	12.9	8.9	8.6	8.8
24	20.3	19.1	19.5	15.2	14.9	15.1	12.9	11.7	12.4	9.7	8.8	9.0
25	21.3	19.7	20.2	15.4	15.0	15.2	12.7	12.3	12.5	10.1	9.2	9.4
26	20.0	19.6	19.8	15.3	15.2	15.2	12.4	11.6	12.0	9.6	9.3	9.4
27	19.6	16.8	18.0	15.5	15.2	15.3	11.9	11.3	11.7	9.7	9.4	9.6
28	16.9	15.2	15.7	15.5	15.3	15.4	11.5	9.5	10.8	9.7	9.6	9.7
29	16.0	14.2	15.2	15.8	15.5	15.6	10.8	9.0	9.9	9.9	9.7	9.8
30	15.5	14.8	15.3	17.5	15.7	16.2	10.1	8.7	9.1	10.2	9.9	10.0
31	15.5	14.8	15.1	---	---	---	9.5	8.7	9.1	10.9	10.1	10.4
MONTH	---	---	---	17.5	14.3	15.3	17.3	8.7	14.7	10.9	5.1	7.9

NEUSE RIVER BASIN

02092162 NEUSE RIVER AT NEW BERN, NC--Continued

WATER TEMPERATURE, DEGREES CELSIUS, BOTTOM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	15.7	10.9	14.0	10.9	10.1	10.4	19.8	18.7	19.2	21.8	21.4	21.6
2	15.0	11.4	12.6	---	---	---	20.2	18.7	19.4	23.7	21.6	22.3
3	12.1	11.6	11.8	12.8	11.1	11.7	20.8	19.2	19.8	23.5	21.9	22.7
4	12.2	9.8	11.5	12.6	11.9	12.2	20.1	17.6	18.8	23.2	22.0	22.6
5	9.8	8.7	9.1	12.0	10.7	11.5	18.1	16.7	17.5	22.5	20.6	21.2
6	9.2	8.9	9.1	11.9	11.5	11.6	17.2	15.9	16.3	21.5	21.0	21.2
7	9.3	8.9	9.1	11.8	11.0	11.5	16.4	14.4	15.3	23.4	21.4	21.9
8	9.2	8.9	9.1	12.0	11.4	11.6	16.5	14.6	15.4	23.4	21.0	22.1
9	9.4	9.1	9.3	---	---	---	18.2	15.6	16.6	25.3	21.1	22.5
10	9.8	9.3	9.5	15.1	13.1	14.2	18.0	17.2	17.6	24.9	22.3	23.6
11	11.6	9.7	10.4	13.6	12.0	12.5	18.6	16.9	17.6	23.5	21.9	22.7
12	10.8	10.4	10.6	13.0	12.6	12.9	19.1	17.4	18.0	24.4	23.0	23.5
13	10.8	10.4	10.6	14.1	12.9	13.2	19.4	18.5	18.9	26.0	23.8	24.9
14	10.7	10.5	10.6	14.4	12.9	13.4	20.3	19.0	19.4	25.2	23.4	24.2
15	10.8	10.7	10.8	16.6	13.9	15.0	21.6	20.0	20.6	23.5	22.3	22.8
16	10.9	10.7	10.8	18.0	16.1	16.7	22.4	20.6	21.2	24.1	22.7	23.0
17	11.1	10.0	10.7	17.8	14.0	16.2	23.5	21.5	22.1	24.3	22.8	23.3
18	10.3	8.8	9.7	16.4	14.2	14.6	23.4	22.1	22.5	24.4	22.7	23.6
19	10.1	9.7	9.9	14.5	14.2	14.3	24.4	18.6	21.3	23.0	21.4	21.8
20	11.5	9.9	10.5	15.9	14.4	15.2	23.4	18.8	20.6	21.5	20.6	21.1
21	11.6	10.7	11.3	16.3	14.4	14.9	19.7	18.1	18.6	21.1	20.6	20.8
22	10.7	10.4	10.5	15.5	14.3	14.9	22.8	18.9	20.3	20.7	19.9	20.5
23	11.1	10.6	10.9	15.1	14.3	14.7	20.8	19.7	20.1	20.6	19.9	20.2
24	11.1	10.7	11.0	15.3	14.3	14.7	21.7	20.1	20.7	21.2	20.2	20.6
25	11.6	11.0	11.2	16.0	14.7	15.1	21.9	20.7	21.3	21.8	20.4	21.0
26	---	---	---	17.3	15.1	16.3	21.6	20.4	20.6	25.1	21.1	22.1
27	---	---	---	17.3	16.6	16.9	20.7	20.2	20.4	25.2	22.5	23.9
28	11.4	9.9	10.9	16.7	15.2	15.9	22.2	20.5	21.1	25.0	23.3	24.0
29	---	---	---	17.2	15.9	16.4	22.4	21.1	21.8	25.3	22.7	24.3
30	---	---	---	18.1	16.7	17.4	22.4	21.2	21.6	25.1	23.7	24.3
31	---	---	---	19.5	17.9	18.6	---	---	---	26.0	24.1	24.8
MONTH	---	---	---	---	---	---	24.4	14.4	19.5	26.0	19.9	22.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	26.5	25.0	25.9	27.5	26.8	27.0	28.7	28.5	28.6	28.0	27.6	27.9
2	26.4	25.0	25.4	28.2	26.8	27.3	29.2	28.5	28.7	27.6	27.0	27.3
3	25.9	25.2	25.5	28.9	27.1	27.8	29.8	28.7	29.0	27.4	26.9	27.1
4	27.8	25.6	26.6	29.1	27.6	28.2	29.9	29.0	29.4	27.6	27.2	27.3
5	28.3	26.8	27.4	29.1	27.8	28.3	30.2	29.3	29.7	---	---	---
6	28.4	27.4	27.8	29.2	27.7	28.1	30.2	29.0	29.6	27.2	27.0	27.1
7	28.0	26.8	27.5	28.9	28.0	28.3	29.4	28.7	29.0	27.1	27.0	27.0
8	26.8	25.6	26.1	29.2	28.3	28.6	28.7	27.3	28.0	27.1	27.0	27.0
9	25.8	25.1	25.6	29.7	28.5	28.9	27.6	26.8	27.3	27.1	26.4	26.8
10	26.1	25.4	25.7	29.7	28.5	29.0	27.6	26.9	27.2	26.5	26.0	26.1
11	27.3	25.8	26.3	29.2	27.9	28.5	27.4	27.0	27.2	26.1	25.6	25.9
12	28.0	25.9	26.8	28.1	27.6	27.9	28.1	27.2	27.4	26.0	25.8	25.9
13	28.2	26.0	27.1	27.8	27.5	27.6	28.2	27.3	27.6	26.0	25.9	26.0
14	28.8	27.1	27.9	27.8	27.2	27.4	28.8	27.5	28.0	26.1	25.9	26.0
15	28.4	27.5	27.8	27.4	27.0	27.2	28.8	28.2	28.5	26.1	25.9	26.0
16	27.6	27.2	27.4	27.4	26.9	27.1	28.6	28.3	28.4	26.7	25.9	26.2
17	27.7	26.9	27.3	27.6	26.9	27.1	28.5	28.0	28.2	26.6	26.1	26.2
18	27.4	26.8	27.1	29.2	27.2	27.8	28.6	28.1	28.3	26.3	26.2	26.2
19	27.1	26.6	26.8	30.6	28.2	29.2	28.4	27.8	28.0	26.4	26.2	26.3
20	26.7	26.0	26.3	30.3	28.4	29.4	28.3	27.7	27.8	26.6	26.3	26.4
21	26.2	25.4	25.9	29.3	28.6	29.0	28.2	27.7	27.8	26.6	26.4	26.4
22	25.9	25.6	25.8	29.0	28.5	28.7	28.8	28.0	28.2	26.7	26.3	26.4
23	26.2	25.6	25.9	29.6	28.5	28.9	28.9	28.0	28.4	26.7	26.4	26.5
24	28.0	26.0	26.5	29.4	28.9	29.1	29.6	28.0	28.5	26.8	26.6	26.7
25	28.4	25.9	26.9	29.2	28.5	28.8	29.4	28.5	29.0	26.9	26.7	26.8
26	29.2	26.8	27.7	28.8	28.4	28.6	29.2	28.8	29.0	26.7	26.0	26.3
27	28.8	27.9	28.3	29.2	28.4	28.6	29.3	29.1	29.2	26.8	26.1	26.4
28	28.1	27.3	27.6	29.1	28.6	28.7	29.1	28.7	29.0	26.8	26.5	26.6
29	27.9	27.1	27.4	29.0	28.5	28.7	29.0	28.5	28.8	26.8	26.5	26.7
30	27.2	26.8	26.9	28.8	28.5	28.6	28.5	28.1	28.3	26.6	26.0	26.3
31	---	---	---	28.9	28.5	28.6	28.1	27.9	28.0	---	---	---
MONTH	29.2	25.0	26.8	30.6	26.8	28.3	30.2	26.8	28.4	---	---	---

NEUSE RIVER BASIN

02092162 NEUSE RIVER AT NEW BERN, NC--Continued

OXYGEN DISSOLVED (MG/L), TOP, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	10.6	6.0	7.9	12.9	7.8	10.3	11.8	10.1	10.7
2	---	---	---	8.5	5.9	7.5	9.0	1.4	3.8	12.6	9.5	10.7
3	---	---	---	10.7	6.7	8.4	5.3	1.5	2.5	11.7	10.4	10.9
4	---	---	---	11.7	3.1	6.3	2.0	1.0	1.6	12.2	10.7	11.4
5	12.0	0.3	7.0	10.3	2.4	7.2	2.5	0.8	1.2	13.3	11.7	12.4
6	12.1	5.2	10.0	9.7	6.1	7.9	8.2	0.8	2.4	13.1	10.7	12.2
7	12.3	5.0	8.3	14.6	7.1	9.0	11.6	0.9	4.1	12.0	11.1	11.6
8	10.8	1.8	7.2	10.4	5.4	7.5	3.9	0.9	1.5	12.9	11.3	12.0
9	10.2	3.7	7.8	13.0	5.9	10.0	6.4	1.0	2.3	13.1	11.9	12.3
10	---	---	---	12.0	4.6	7.6	3.3	1.1	1.5	13.0	11.5	12.0
11	12.4	6.5	8.9	13.3	6.9	10.3	3.9	1.1	1.8	13.1	11.1	11.9
12	---	---	---	12.2	4.9	9.9	1.8	1.2	1.4	12.9	11.4	11.9
13	---	---	---	12.4	3.4	7.3	2.3	0.7	1.5	13.1	10.3	11.9
14	---	---	---	14.3	2.9	7.3	5.8	0.6	2.1	12.4	11.4	11.9
15	---	---	---	11.8	3.0	8.0	6.8	2.3	5.0	13.4	10.8	12.2
16	---	---	---	10.3	6.2	8.1	7.0	3.6	5.2	16.4	9.0	10.7
17	---	---	---	13.1	5.1	8.3	7.6	3.9	5.8	13.5	9.6	10.9
18	---	---	---	9.8	4.2	7.0	8.4	5.4	7.3	12.5	7.8	10.9
19	---	---	---	9.0	3.3	6.9	8.6	6.3	7.0	12.4	7.8	9.9
20	13.1	8.0	10.5	16.9	7.1	10.1	9.3	6.4	8.2	12.1	9.0	10.4
21	9.5	5.5	7.4	14.0	6.7	9.6	10.3	7.6	9.3	11.8	10.1	11.0
22	14.5	7.7	10.0	11.4	3.9	6.9	11.5	8.1	9.7	15.9	8.1	10.6
23	9.9	5.8	8.3	13.0	4.1	7.5	11.9	7.9	10.0	12.6	9.4	10.9
24	14.2	5.3	8.3	12.4	3.5	9.2	11.6	9.6	10.6	9.7	9.2	9.5
25	9.8	5.7	8.1	11.8	8.8	10.8	10.5	7.0	8.9	9.7	8.5	9.3
26	8.8	5.3	7.3	10.5	4.5	8.4	10.8	8.0	9.4	9.2	7.9	8.7
27	8.5	5.8	7.4	8.0	2.3	5.1	11.5	8.2	10.5	8.7	8.1	8.4
28	10.7	7.3	8.8	11.7	1.6	4.4	11.9	9.7	11.0	8.5	7.8	8.2
29	13.4	9.1	10.6	7.7	1.3	3.7	12.9	10.1	11.6	8.1	7.5	7.8
30	13.3	7.6	9.6	12.9	0.6	8.5	12.4	10.4	11.3	8.0	7.2	7.6
31	11.1	6.3	8.6	---	---	---	11.9	9.8	10.8	7.7	7.1	7.5
MONTH	---	---	---	16.9	0.6	7.9	12.9	0.6	6.1	16.4	7.1	10.6
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.9	7.2	7.5	16.6	8.3	10.8	7.2	6.2	6.7	6.8	3.2	5.5
2	8.7	7.0	7.6	---	---	---	6.5	5.9	6.1	7.6	4.1	6.2
3	7.9	6.0	7.0	---	6.9	8.3	---	---	---	7.9	4.3	6.6
4	7.7	4.4	6.5	9.5	7.8	8.6	---	---	---	8.2	5.2	6.6
5	9.3	7.7	8.9	8.8	6.7	7.7	---	---	---	7.0	5.1	6.2
6	8.7	7.8	8.2	7.7	5.9	7.0	6.9	5.9	6.4	7.3	3.3	5.5
7	9.0	7.1	8.6	7.7	6.2	7.1	7.1	6.5	6.8	8.4	5.5	7.5
8	9.2	8.3	8.7	8.1	5.9	7.1	7.6	6.5	7.0	8.0	4.7	6.6
9	9.1	8.0	8.6	---	---	---	7.8	6.9	7.3	8.8	4.2	6.1
10	9.0	8.0	8.7	8.0	5.9	7.4	7.3	6.4	7.0	8.1	4.7	6.4
11	9.3	8.4	8.9	7.9	3.7	7.4	7.3	6.6	6.9	7.9	1.9	5.0
12	9.4	7.9	9.0	7.8	5.1	6.9	7.0	6.3	6.7	9.6	3.5	6.1
13	9.4	8.6	9.1	7.7	5.7	6.8	6.9	6.2	6.5	8.8	6.7	7.7
14	9.3	6.0	7.9	7.6	6.1	6.8	6.6	6.0	6.3	9.3	5.6	7.1
15	9.2	7.3	8.4	7.6	5.7	6.7	6.3	5.8	6.1	9.3	4.3	7.3
16	9.5	7.5	8.4	7.1	5.3	6.3	6.1	5.0	5.7	10.3	5.0	7.4
17	8.9	7.7	8.5	7.5	6.6	7.1	6.1	4.9	5.5	9.7	6.2	8.2
18	9.8	8.8	9.4	6.8	5.7	6.5	5.8	4.8	5.3	7.5	5.7	6.8
19	13.6	9.1	10.2	7.1	1.5	6.0	5.7	4.5	5.1	8.2	5.7	6.9
20	9.6	8.4	9.2	7.2	4.7	6.4	6.0	2.3	5.2	8.7	5.9	7.4
21	9.5	8.9	9.2	7.1	5.4	6.6	6.0	0.1	3.8	10.5	5.4	7.7
22	9.2	6.8	8.6	7.0	5.5	6.4	7.2	1.5	4.6	9.5	3.1	6.8
23	7.1	4.7	5.7	7.2	5.6	6.6	5.8	0.3	2.5	10.4	4.0	7.3
24	9.4	4.4	6.9	7.6	6.5	7.0	6.3	0.3	4.9	12.4	5.2	9.2
25	13.8	6.9	10.1	7.5	6.8	7.2	6.7	3.8	5.5	12.4	5.3	9.8
26	---	---	---	7.4	6.6	7.2	6.8	5.3	5.9	13.3	7.9	10.4
27	---	---	---	7.5	6.5	7.2	6.4	4.4	5.6	10.4	7.5	9.2
28	12.8	7.1	10.2	7.4	6.8	7.2	6.8	5.0	6.3	10.8	6.9	8.7
29	---	---	---	7.4	6.7	7.1	7.2	5.8	6.4	9.6	6.5	8.0
30	---	---	---	7.3	6.7	7.0	7.7	3.2	5.4	9.9	2.1	7.2
31	---	---	---	7.2	6.8	7.1	---	---	---	7.8	2.3	5.6
MONTH	---	---	---	---	---	---	---	---	---	13.3	1.9	7.2

02092162 NEUSE RIVER AT NEW BERN, NC--Continued

OXYGEN DISSOLVED (MG/L), TOP, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	9.1	3.1	5.6	8.7	2.7	5.7	4.4	0.1	0.7	3.9	0.2	1.1
2	7.2	2.2	4.6	7.9	2.7	5.6	8.0	0.2	1.9	0.9	0.1	0.4
3	7.5	2.0	3.7	8.6	4.2	6.5	9.2	1.4	6.1	2.9	0.2	0.7
4	7.3	2.1	5.4	7.0	3.1	5.2	7.5	4.0	5.7	7.1	0.4	3.4
5	8.6	4.6	6.3	8.3	1.3	4.6	9.2	5.4	7.3	---	---	---
6	8.7	3.8	6.0	7.4	0.4	4.0	9.8	2.9	6.9	1.8	0.1	0.6
7	6.8	3.2	5.7	7.2	0.4	4.5	6.4	1.2	4.4	2.3	0.2	0.5
8	7.7	3.9	5.5	8.6	0.5	5.1	8.6	2.3	5.3	4.4	0.3	1.7
9	7.7	2.6	4.9	9.4	3.8	6.3	7.9	3.4	6.2	5.6	1.1	3.4
10	9.0	2.1	5.6	8.0	4.0	6.8	8.8	3.2	6.3	5.4	3.5	4.6
11	9.4	2.2	6.2	7.0	3.6	5.9	10.3	3.3	6.6	4.6	2.7	3.5
12	7.9	2.5	5.2	6.6	3.5	5.1	8.4	3.8	6.7	4.5	2.4	3.2
13	7.5	2.0	4.0	8.2	3.0	7.2	9.8	3.7	6.7	5.7	2.6	4.1
14	5.3	0.7	3.1	8.4	4.0	6.9	7.8	3.7	5.5	7.5	3.4	6.1
15	5.7	0.4	3.3	10.1	0.4	5.7	7.4	3.1	5.8	8.8	3.9	6.0
16	6.7	0.6	2.2	9.6	1.3	4.7	7.3	3.1	5.9	8.9	3.2	6.4
17	6.4	0.4	3.5	6.1	0.5	3.5	7.2	3.7	6.0	5.4	1.8	3.3
18	6.0	0.6	3.3	9.4	2.8	6.1	8.0	2.2	5.3	3.7	1.0	1.9
19	10.0	2.5	5.7	9.5	5.3	7.3	5.2	1.8	2.7	9.0	0.1	2.7
20	7.7	4.1	6.3	8.5	3.4	6.3	8.4	1.9	3.4	9.1	3.9	6.7
21	9.1	4.7	6.6	7.5	0.7	3.5	8.1	0.1	4.3	11.4	3.9	7.7
22	9.8	4.7	6.9	3.8	0.6	2.0	7.3	2.3	5.4	9.2	0.5	4.7
23	10.0	4.4	6.8	7.8	0.6	3.8	7.7	0.7	5.5	7.4	0.5	3.7
24	9.2	1.5	5.7	6.5	2.7	4.8	7.6	3.3	5.3	2.9	0.4	1.1
25	10.4	2.1	4.8	6.8	2.0	4.4	6.3	0.7	3.4	4.6	0.6	1.7
26	8.9	1.6	5.5	7.6	0.9	2.6	5.6	0.3	2.1	6.7	0.8	3.3
27	7.4	5.0	6.5	8.4	1.6	3.0	6.5	0.3	2.6	7.0	3.9	5.6
28	9.5	5.3	7.0	8.7	1.6	3.6	6.5	0.3	2.6	8.7	2.9	5.3
29	8.5	2.9	5.8	9.8	2.1	4.9	5.3	0.1	1.2	6.0	1.7	3.9
30	5.9	2.6	3.8	4.3	0.1	1.9	0.8	0.1	0.3	8.6	1.8	3.3
31	---	---	---	6.1	0.1	0.5	0.9	0.1	0.3	---	---	---
MONTH	10.4	0.4	5.2	10.1	0.1	4.8	10.3	0.1	4.5	---	---	---

OXYGEN DISSOLVED (MG/L), BOTTOM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	5.1	3.3	4.4	3.0	0.1	0.8	10.6	9.6	10.2
2	---	---	---	4.4	2.2	3.1	3.5	0.1	1.6	11.6	9.1	9.4
3	---	---	---	3.7	1.3	2.3	2.7	1.3	2.0	11.3	9.2	10.5
4	---	---	---	3.6	1.4	2.5	1.9	0.8	1.4	12.3	10.5	11.5
5	1.7	0.1	0.4	6.8	1.2	3.7	1.6	0.5	1.2	12.1	10.2	11.1
6	6.2	0.2	1.1	9.6	3.8	6.9	1.2	0.1	0.7	12.1	9.2	10.7
7	4.5	0.4	3.3	9.0	5.5	6.9	2.7	0.1	0.3	12.2	9.8	10.9
8	5.9	0.5	3.2	6.9	4.0	5.5	0.5	0.1	0.2	11.4	9.7	10.5
9	6.2	0.5	3.8	7.7	3.9	5.6	1.3	0.1	0.5	13.4	9.4	10.9
10	---	---	---	7.9	2.6	4.5	1.2	0.1	0.3	10.4	8.4	9.6
11	3.6	0.7	2.0	8.5	2.5	4.7	1.7	0.1	0.5	12.3	8.5	10.4
12	---	---	---	6.9	2.5	4.6	0.6	0.1	0.3	11.3	9.2	10.1
13	---	---	---	6.7	2.3	3.9	1.0	0.1	0.4	12.4	9.2	10.4
14	---	---	---	6.8	1.4	2.9	2.7	0.0	0.4	11.5	9.0	10.0
15	---	---	---	6.8	2.2	4.4	4.2	0.1	1.9	11.1	8.2	9.2
16	---	---	---	7.6	3.4	6.0	5.5	2.7	4.3	10.9	8.2	9.4
17	---	---	---	7.5	3.4	5.6	7.9	3.0	4.5	10.0	8.3	9.1
18	---	---	---	6.8	2.8	4.9	8.5	4.3	7.0	8.8	7.2	8.1
19	---	---	---	6.7	2.1	3.6	7.4	6.0	6.8	11.0	7.9	8.9
20	3.0	0.5	1.5	11.8	2.6	5.5	9.3	5.6	7.4	9.5	8.1	8.8
21	2.8	0.6	1.4	10.2	4.4	7.3	10.2	7.6	8.8	8.9	6.9	8.0
22	2.8	0.6	1.0	6.5	3.2	4.8	9.3	7.8	8.5	9.5	6.7	7.8
23	1.5	0.7	1.0	5.4	2.3	4.2	10.1	7.5	8.7	10.0	6.8	8.2
24	1.7	0.8	1.0	11.7	2.0	3.8	10.9	7.4	9.0	9.4	6.2	7.9
25	2.2	1.0	1.2	13.7	2.0	7.3	8.3	7.2	7.8	8.6	5.4	6.7
26	6.0	1.0	2.5	8.6	0.6	3.9	8.9	7.2	8.2	6.8	5.2	6.1
27	8.0	3.8	6.4	3.7	0.2	1.4	9.9	7.8	8.4	7.0	3.7	5.8
28	8.9	6.3	8.0	1.4	0.2	0.7	11.6	8.0	9.8	6.5	3.5	4.8
29	8.4	6.1	7.2	0.9	0.1	0.4	12.0	8.2	10.0	4.0	3.0	3.5
30	6.9	4.9	5.8	6.4	0.1	1.0	11.4	9.7	10.7	4.8	2.3	3.3
31	6.8	4.6	5.9	---	---	---	10.8	9.2	10.0	3.6	1.6	2.8
MONTH	---	---	---	13.7	0.1	4.2	12.0	0.0	4.6	13.4	1.6	8.5

NEUSE RIVER BASIN

02092162 NEUSE RIVER AT NEW BERN, NC--Continued

OXYGEN DISSOLVED (MG/L), BOTTOM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	7.8	1.8	6.6	8.5	5.7	7.0	7.5	6.5	7.1	4.3	0.6	2.4
2	7.4	1.6	3.6	---	---	---	6.9	6.1	6.5	8.2	1.9	5.2
3	3.0	1.3	2.2	9.6	7.3	8.6	6.2	5.4	5.7	7.0	1.3	3.2
4	7.5	1.1	3.3	9.1	7.0	8.0	6.5	5.7	6.1	5.7	1.1	3.8
5	8.4	7.0	7.8	8.3	4.6	5.9	5.9	5.5	5.7	6.6	3.3	5.0
6	7.6	6.8	7.1	7.1	3.9	5.0	6.3	5.5	5.9	5.3	2.3	3.4
7	8.2	6.3	7.0	7.3	2.4	4.9	6.5	5.9	6.2	7.9	2.5	4.9
8	7.6	6.5	6.9	5.9	2.0	3.2	6.8	6.0	6.3	7.4	1.9	4.0
9	7.2	5.7	6.4	---	---	---	7.0	6.4	6.6	7.0	1.4	3.3
10	7.2	5.0	6.0	8.7	2.7	7.4	6.6	6.0	6.3	7.4	0.9	3.8
11	8.4	5.0	6.6	5.1	2.6	3.3	6.5	6.0	6.2	4.4	0.1	2.2
12	7.6	5.5	6.7	6.1	2.8	4.6	6.2	5.5	5.8	7.8	0.6	3.3
13	6.9	4.2	5.7	7.0	3.6	5.0	6.2	5.5	5.8	9.2	2.0	6.4
14	6.1	4.8	5.7	4.8	2.4	3.4	5.9	5.1	5.5	10.3	5.2	7.6
15	6.4	4.5	5.3	7.7	2.6	5.4	5.7	5.3	5.5	7.7	3.1	5.6
16	5.5	4.0	4.6	7.7	6.7	7.2	5.5	4.7	5.1	9.9	1.4	3.8
17	8.5	4.1	5.8	7.6	1.2	4.3	5.4	4.7	5.0	9.9	0.7	5.6
18	8.5	4.8	6.6	3.9	0.8	1.7	5.2	4.0	4.6	8.9	6.1	7.3
19	9.1	4.4	5.9	1.3	0.8	1.1	4.8	0.4	2.0	8.3	5.5	6.6
20	9.4	3.8	6.4	3.7	0.6	1.8	4.4	0.4	1.1	6.8	3.3	5.3
21	9.7	3.6	7.5	4.3	0.4	1.0	0.7	0.4	0.4	5.0	1.1	3.4
22	6.3	3.5	5.2	6.8	0.6	4.9	2.9	0.4	0.9	9.4	2.5	5.2
23	5.7	3.7	4.6	6.1	4.4	5.2	2.6	0.4	0.6	8.4	3.0	4.5
24	7.1	3.6	4.2	7.6	3.6	5.6	4.3	0.4	1.4	9.7	2.5	4.8
25	11.9	3.1	5.6	6.9	4.9	6.0	7.1	2.2	5.7	7.9	1.4	4.0
26	---	---	---	7.7	4.4	6.8	6.4	4.4	5.4	13.4	0.1	3.6
27	---	---	---	7.9	6.6	7.4	5.1	2.4	3.7	10.4	0.1	5.6
28	9.2	7.0	8.5	7.6	4.9	6.6	7.2	3.0	5.0	8.6	0.8	3.5
29	---	---	---	7.7	4.0	5.7	7.3	1.6	5.7	7.5	0.0	3.4
30	---	---	---	7.6	7.1	7.4	5.9	1.6	3.8	5.7	0.1	2.2
31	---	---	---	7.7	7.3	7.5	---	---	---	2.7	0.0	0.8
MONTH	---	---	---	---	---	---	7.5	0.4	4.7	13.4	0.0	4.3
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	5.7	0.0	2.7	0.2	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0
2	1.7	0.0	0.3	0.2	0.0	0.1	0.0	0.0	0.0	0.7	0.0	0.3
3	0.2	0.0	0.1	2.3	0.0	0.4	0.0	0.0	0.0	0.4	0.0	0.2
4	7.1	0.1	2.2	2.0	0.0	0.4	0.2	0.0	0.0	0.6	0.0	0.1
5	8.4	3.2	5.8	1.7	0.0	0.1	0.5	0.0	0.1	---	---	---
6	7.2	2.9	5.3	1.8	0.0	0.1	1.8	0.0	0.3	0.2	0.0	0.1
7	6.6	2.5	4.6	0.5	0.0	0.0	2.0	0.0	0.8	0.2	0.1	0.1
8	5.4	2.6	3.9	3.3	0.0	0.4	7.0	0.0	3.1	1.2	0.1	0.4
9	3.6	1.3	2.6	6.9	0.0	1.2	4.2	1.5	2.9	4.3	0.4	1.5
10	8.3	0.3	1.9	6.5	0.3	3.4	3.9	0.2	2.0	4.8	2.1	3.8
11	7.0	0.2	2.9	5.6	0.9	3.5	3.8	0.1	1.4	4.5	2.8	3.4
12	6.3	0.1	3.0	4.1	0.2	1.1	7.4	0.2	1.7	3.3	1.7	2.6
13	5.5	0.1	1.8	0.4	0.2	0.2	6.2	0.1	1.2	2.7	0.6	1.7
14	5.9	0.3	2.7	7.5	0.2	1.3	6.0	0.0	1.9	6.5	0.4	1.9
15	4.0	1.0	2.4	2.2	0.0	0.8	5.8	1.3	3.8	2.6	0.1	1.0
16	1.5	0.0	0.8	1.8	0.0	0.5	5.1	0.9	2.7	5.7	0.0	1.8
17	0.6	0.0	0.1	1.2	0.0	0.6	1.5	0.0	0.2	3.7	1.0	1.8
18	0.5	0.0	0.0	3.4	0.0	0.3	1.5	0.0	0.2	2.2	0.0	0.7
19	0.7	0.0	0.1	6.4	0.0	1.7	0.0	0.0	0.0	0.5	0.0	0.0
20	2.4	0.0	0.6	3.9	0.0	1.5	0.3	0.0	0.0	0.2	0.0	0.0
21	6.8	0.0	2.4	1.3	0.0	0.5	0.1	0.0	0.0	0.1	0.0	0.0
22	3.0	0.2	1.5	0.1	0.0	0.0	2.3	0.0	0.3	0.4	0.0	0
23	1.9	0.0	0.9	5.4	0.0	1.1	2.3	0.0	0.3	0.1	0.1	0.1
24	3.5	0.0	0.7	5.2	0.0	2.4	3.1	0.0	0.3	0.1	0.1	0.1
25	2.2	0.0	0.4	4.6	0.0	1.4	2.9	0.0	1.0	0.3	0.1	0.1
26	6.7	0.0	2.0	0.9	0.0	0.1	0.7	0.0	0.2	2.5	0.1	0.5
27	7.6	4.5	6.2	2.4	0.0	0.1	1.0	0.0	0.4	6.2	0.6	4.5
28	7.4	1.2	5.7	0.8	0.0	0.0	0.5	0.0	0.1	6.2	2.1	4.4
29	2.5	0.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	3.8	1.0	2.4
30	0.5	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	3.4	0.3	1.5
31	---	---	---	0.0	0.0	0.0	0.2	0.0	0.1	---	---	---
MONTH	8.4	0.0	2.2	7.5	0.0	0.8	7.4	0.0	0.8	---	---	---

NEUSE RIVER BASIN

02092162 NEUSE RIVER AT NEW BERN, NC--Continued

OXYGEN DISSOLVED (% OF SATURATION), TOP, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	108	60	80	138	82	110	102	87	92
2	---	---	---	87	59	77	96	14	40	104	82	90
3	---	---	---	113	69	88	55	15	26	96	85	89
4	---	---	---	125	32	66	21	10	16	97	85	91
5	140	4	80	106	25	74	26	8	12	105	91	97
6	142	59	117	97	60	78	87	8	25	103	86	97
7	138	56	93	146	70	89	122	9	42	97	90	94
8	119	20	79	103	54	74	41	9	15	103	90	96
9	112	41	85	128	59	100	67	10	24	106	94	99
10	---	---	---	121	46	77	34	11	15	104	92	97
11	137	72	98	134	69	103	40	11	19	107	90	98
12	---	---	---	120	49	98	18	12	14	105	94	98
13	---	---	---	119	33	71	24	7	15	107	85	98
14	---	---	---	143	29	73	61	6	21	103	93	99
15	---	---	---	117	30	79	71	23	52	111	90	100
16	---	---	---	102	61	80	70	37	52	138	76	89
17	---	---	---	133	51	83	77	40	58	113	80	91
18	---	---	---	97	41	69	84	55	74	106	66	93
19	---	---	---	90	33	69	86	64	71	105	66	84
20	142	86	112	174	72	102	89	65	81	104	77	88
21	106	60	81	139	66	95	96	73	88	100	85	94
22	164	84	112	113	39	69	105	77	90	140	69	91
23	111	64	93	126	41	73	112	75	94	109	81	95
24	165	60	94	121	34	90	110	90	99	88	80	84
25	116	66	93	119	88	108	99	66	83	87	75	83
26	97	58	80	105	45	85	99	74	87	81	70	76
27	87	62	77	80	23	51	102	76	93	78	71	74
28	105	74	88	122	16	44	104	87	96	77	69	73
29	134	88	104	80	13	38	112	89	100	73	68	70
30	139	76	96	138	6	90	106	88	97	77	67	71
31	108	63	86	---	---	---	102	86	94	75	67	71
MONTH	---	---	---	174	6	79	138	6	58	140	66	89
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	79	70	74	148	74	96	78	67	73	78	36	63
2	86	70	75	---	---	---	71	64	67	90	47	73
3	75	56	66	89	65	78	---	---	---	94	51	78
4	68	41	60	88	74	80	---	---	---	93	60	76
5	81	68	77	78	62	69	---	---	---	78	58	69
6	75	68	71	69	53	64	71	60	66	83	37	62
7	77	62	74	71	58	66	71	65	68	99	63	87
8	80	72	76	78	55	67	78	65	70	96	56	78
9	80	70	76	---	---	---	83	69	76	108	50	73
10	81	71	77	79	58	73	77	67	74	102	56	78
11	83	76	80	76	35	71	77	71	73	95	22	60
12	86	72	81	74	50	66	76	66	71	115	41	72
13	85	77	81	75	55	66	75	66	70	109	82	94
14	83	54	70	77	59	68	74	66	70	111	66	85
15	79	66	74	76	59	68	72	66	69	107	50	84
16	85	67	75	75	54	65	69	56	65	122	58	87
17	81	69	76	78	68	73	72	56	63	115	72	96
18	86	77	81	70	59	67	70	56	63	90	67	80
19	120	80	89	73	14	61	69	53	62	93	65	78
20	86	74	83	73	48	66	72	26	62	98	66	82
21	89	82	86	72	56	68	74	1	45	119	61	86
22	85	62	80	69	54	63	86	17	55	106	35	76
23	64	42	51	70	55	64	67	4	28	118	44	81
24	86	40	62	75	64	69	71	4	55	139	58	103
25	127	63	93	75	69	72	75	44	62	147	60	112
26	---	---	---	77	67	74	77	60	66	162	93	124
27	---	---	---	78	67	75	71	49	63	126	90	111
28	114	65	90	76	71	73	75	56	71	132	84	107
29	---	---	---	77	68	73	84	66	74	118	79	98
30	---	---	---	77	69	73	91	37	62	124	25	88
31	---	---	---	79	72	76	---	---	---	98	29	69
MONTH	---	---	---	---	---	---	---	---	---	162	22	84

NEUSE RIVER BASIN

02092162 NEUSE RIVER AT NEW BERN, NC--Continued

OXYGEN DISSOLVED (% OF SATURATION), TOP, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	116	39	70	112	35	73	59	1	10	49	3	14
2	93	28	57	104	36	73	109	2	25	11	1	4
3	94	24	46	114	54	86	125	18	82	37	2	9
4	94	26	68	93	42	69	101	53	76	91	6	44
5	111	58	80	111	17	61	123	72	96	---	---	---
6	113	48	77	99	6	53	131	38	91	23	1	8
7	86	40	72	95	5	59	84	16	57	29	3	6
8	95	48	68	111	6	66	110	30	67	57	4	21
9	95	31	59	131	50	82	101	43	78	69	14	42
10	110	26	69	106	53	89	111	40	79	67	43	56
11	120	27	78	90	47	76	130	41	83	58	33	43
12	101	32	66	83	45	65	106	48	85	56	29	39
13	98	25	51	103	37	90	128	47	86	69	32	50
14	69	9	40	107	50	86	100	48	72	93	42	75
15	74	5	42	130	5	72	96	40	75	110	48	74
16	86	7	28	129	16	61	95	40	76	111	40	80
17	83	5	45	80	7	45	96	48	78	68	22	41
18	76	7	42	126	37	81	106	28	69	46	12	24
19	124	31	71	129	71	97	69	23	35	112	1	33
20	95	51	78	115	44	85	110	24	44	113	49	84
21	112	58	81	100	9	46	106	0	55	144	49	97
22	122	58	85	51	8	26	---	---	---	115	6	59
23	128	54	85	103	7	50	102	9	71	93	6	46
24	122	19	73	85	35	63	101	43	70	36	5	14
25	137	26	62	89	27	58	84	10	45	57	7	21
26	116	21	72	100	11	34	74	4	27	83	10	41
27	95	66	84	113	21	40	86	4	34	88	48	70
28	124	67	89	116	21	47	83	4	33	111	36	67
29	109	36	75	131	28	66	68	1	15	75	21	48
30	76	34	49	57	2	26	11	1	3	108	22	41
31	---	---	---	83	1	7	---	---	---	---	---	---
MONTH	137	5	65	131	1	62	---	---	---	---	---	---

OXYGEN DISSOLVED (% OF SATURATION), BOTTOM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	51	33	44	31	1	8	91	83	88
2	---	---	---	44	22	31	36	1	17	96	78	81
3	---	---	---	37	13	23	28	14	21	92	79	86
4	---	---	---	37	14	26	20	8	15	97	85	91
5	20	1	5	69	12	38	17	5	12	96	82	89
6	72	2	12	96	39	69	13	1	7	97	74	86
7	50	5	37	89	55	69	28	1	3	99	79	88
8	65	6	36	69	40	55	5	1	2	92	78	85
9	68	5	42	77	39	56	13	1	5	109	77	89
10	---	---	---	80	26	45	12	1	3	85	70	79
11	40	7	22	86	26	47	17	1	5	101	70	85
12	---	---	---	68	25	46	6	1	3	93	76	83
13	---	---	---	66	23	39	11	1	4	104	76	87
14	---	---	---	68	14	29	27	0	5	96	75	83
15	---	---	---	67	22	44	43	1	20	93	70	77
16	---	---	---	74	34	59	56	28	44	91	69	79
17	---	---	---	74	33	56	80	31	46	85	70	77
18	---	---	---	68	28	48	86	44	70	74	61	68
19	---	---	---	67	21	36	75	61	69	94	67	75
20	33	6	17	119	26	55	91	57	73	81	69	76
21	30	7	15	101	43	72	96	74	85	76	59	68
22	30	7	11	65	31	48	89	75	80	82	57	67
23	17	8	10	53	23	41	95	71	82	86	59	71
24	19	9	11	116	20	38	102	70	84	81	53	68
25	25	11	13	136	20	73	78	68	74	76	47	59
26	66	11	27	86	6	39	82	67	76	60	45	53
27	84	42	67	37	2	14	91	73	78	61	32	51
28	89	65	81	14	2	7	102	74	88	57	31	42
29	84	61	72	9	1	4	105	74	88	35	26	31
30	69	50	58	67	1	10	100	85	93	43	21	29
31	68	46	58	---	---	---	93	81	87	32	14	25
MONTH	---	---	---	136	1	42	105	0	43	109	14	71

NEUSE RIVER BASIN

02092162 NEUSE RIVER AT NEW BERN, NC--Continued

OXYGEN DISSOLVED (% OF SATURATION), BOTTOM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	79	16	65	76	51	63	82	70	77	49	6	28
2	73	15	35	---	---	---	76	66	71	98	22	61
3	28	12	21	88	69	80	68	59	63	82	15	37
4	66	10	31	85	66	75	70	61	65	66	13	44
5	73	61	68	75	42	54	61	58	60	73	38	57
6	66	59	62	65	36	47	64	56	60	60	26	39
7	71	55	61	67	22	45	65	59	62	93	28	56
8	66	57	60	54	18	29	69	59	63	87	22	47
9	63	50	56	---	---	---	74	64	68	85	16	39
10	63	44	52	85	26	73	69	63	66	89	10	45
11	77	45	59	49	25	31	68	63	65	52	1	26
12	69	49	61	58	27	44	67	58	62	94	7	39
13	63	38	52	68	34	48	67	59	62	114	24	78
14	55	43	51	46	22	32	64	55	59	123	62	91
15	58	40	48	79	26	54	65	59	62	91	36	66
16	50	36	42	79	70	74	63	53	58	118	16	45
17	76	37	52	79	12	45	63	54	57	118	9	66
18	75	43	58	39	8	17	61	46	54	106	71	86
19	81	40	52	13	8	11	57	4	23	94	64	75
20	86	34	57	38	6	18	52	4	12	78	37	59
21	89	32	69	44	4	10	7	4	4	56	13	38
22	56	32	47	67	6	48	33	4	10	104	28	58
23	51	34	41	60	43	51	29	4	7	93	34	50
24	64	33	38	75	35	55	48	4	15	110	28	54
25	110	28	51	71	48	60	80	25	64	91	16	45
26	---	---	---	80	43	70	71	49	61	163	1	42
27	---	---	---	82	68	76	57	26	41	126	1	67
28	82	64	77	76	50	67	82	34	56	104	10	42
29	---	---	---	80	40	58	84	18	65	91	0	41
30	---	---	---	81	73	77	68	19	43	70	1	26
31	---	---	---	82	78	80	---	---	---	34	0	10
MONTH	---	---	---	---	---	---	84	4	51	163	0	50
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	71	0	33	2	2	2	0	0	0	1	0	0
2	21	0	3	3	1	1	0	0	0	8	0	4
3	3	0	1	29	0	5	0	0	0	5	0	2
4	90	1	28	26	0	5	2	0	0	8	0	1
5	109	41	74	22	0	1	7	0	1	---	---	---
6	93	37	67	24	0	2	24	0	4	2	0	1
7	83	31	59	6	0	1	26	0	11	2	2	2
8	68	33	49	44	0	5	89	0	40	15	2	6
9	44	15	32	91	0	16	53	19	36	53	5	19
10	103	4	23	86	3	44	50	3	25	60	26	47
11	89	3	36	74	12	45	48	1	18	56	35	42
12	80	1	38	52	3	14	95	3	22	41	21	32
13	71	1	23	5	3	3	80	1	16	33	7	21
14	77	4	35	95	3	17	78	0	24	80	5	24
15	52	13	30	28	1	10	75	17	49	32	1	13
16	19	0	11	23	0	6	66	12	35	71	0	23
17	7	0	1	15	0	7	19	0	2	46	12	22
18	6	0	1	45	0	3	20	0	2	27	0	8
19	9	0	1	86	0	23	0	0	0	6	0	0
20	30	0	8	52	0	19	3	0	0	2	0	0
21	84	0	30	16	0	6	1	0	0	1	0	0
22	37	2	18	1	0	0	---	---	---	5	0	0
23	23	0	11	71	0	14	30	0	4	1	1	1
24	44	0	9	69	0	32	41	0	3	1	1	1
25	28	0	5	60	0	18	38	0	14	4	1	2
26	87	0	26	11	0	1	9	0	2	31	1	7
27	97	58	80	32	0	1	13	0	5	78	7	56
28	94	16	73	11	0	0	6	0	1	78	26	55
29	32	2	11	0	0	0	1	0	0	48	12	30
30	6	2	2	1	0	0	1	0	0	42	4	19
31	---	---	---	0	0	0	---	---	---	---	---	---
MONTH	109	0	27	95	0	10	---	---	---	---	---	---