

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 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. The monitor was removed on September 16, 2003, to prevent possible destruction of equipment during Hurricane Isabel. It was reinstalled September 19, 2003. 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. 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	16.5, July 16	<0.1, on many days during the year
SALINITY (BOTTOM), ppt	17.0, July 16	<0.1, on many days during the year
pH (TOP), standard units	8.9, July 13	6.3, August 20
pH (BOTTOM), standard units	8.4, July 31	6.2, August 20
WATER TEMPERATURE (TOP), °C	31.6, July 9	2.6, January 31
WATER TEMPERATURE (BOTTOM), °C	30.1, July 27, 28	3.0, January 29
DISSOLVED OXYGEN (TOP), mg/L	12.7, January 28, 29, 30	<1.0, on several days during the year
DISSOLVED OXYGEN (BOTTOM), mg/L	12.5, January 29, February 1	<1.0, on many days during the year
DISSOLVED OXYGEN, PERCENT SATURATION (TOP),%	170, July 13	<10, on several days during the year
DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM),%	121, July 31	<10, on many days during the year

NEUSE RIVER BASIN

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, TOP
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	0.77	0.11	0.21	0.06	0.04	0.05	0.61	0.06	0.12	0.14	0.07	0.09
2	0.57	0.13	0.26	0.05	0.04	0.04	1.5	0.31	0.87	0.11	0.07	0.09
3	0.57	0.10	0.28	0.05	0.04	0.04	0.43	0.21	0.29	0.14	0.08	0.11
4	0.13	0.08	0.09	0.05	0.04	0.05	0.70	0.18	0.27	0.12	0.06	0.10
5	0.13	0.07	0.09	0.05	0.04	0.05	0.73	0.09	0.19	0.12	0.06	0.08
6	0.14	0.07	0.09	0.05	0.04	0.05	0.63	0.10	0.20	1.2	0.06	0.25
7	0.09	0.07	0.07	0.06	0.05	0.05	0.39	0.16	0.30	1.6	0.52	1.1
8	0.43	0.08	0.14	0.06	0.04	0.05	0.23	0.12	0.16	0.96	0.37	0.52
9	0.36	0.14	0.21	0.05	0.04	0.05	0.13	0.09	0.11	3.2	0.32	0.71
10	0.27	0.10	0.16	0.06	0.05	0.06	0.23	0.08	0.11	3.7	0.79	2.2
11	0.19	0.08	0.11	0.07	0.05	0.06	0.18	0.06	0.08	2.4	1.2	1.6
12	0.17	0.10	0.14	0.08	0.06	0.07	0.10	0.06	0.08	2.7	1.1	1.7
13	0.20	0.11	0.14	0.09	0.06	0.08	0.10	0.07	0.08	1.4	0.48	0.92
14	0.16	0.10	0.12	0.07	0.06	0.07	0.11	0.05	0.07	2.1	0.47	0.86
15	0.11	0.08	0.09	0.07	0.07	0.07	0.07	0.06	0.07	2.1	0.31	0.93
16	0.12	0.08	0.10	0.09	0.06	0.07	0.08	0.04	0.05	1.2	0.30	0.70
17	0.12	0.08	0.11	0.07	0.06	0.07	0.05	0.04	0.04	0.77	0.15	0.26
18	0.12	0.08	0.10	0.10	0.06	0.07	0.05	0.04	0.04	0.68	0.14	0.26
19	0.12	0.07	0.09	0.10	0.07	0.08	0.04	0.04	0.04	0.85	0.14	0.32
20	0.10	0.08	0.09	0.49	0.07	0.21	0.05	0.04	0.04	0.60	0.23	0.34
21	0.10	0.08	0.10	0.29	0.08	0.14	0.04	0.04	0.04	0.57	0.15	0.22
22	0.10	0.07	0.08	0.10	0.07	0.08	0.04	0.04	0.04	0.35	0.16	0.26
23	0.22	0.09	0.16	0.09	0.07	0.08	0.04	0.04	0.04	1.5	0.26	0.77
24	0.24	0.13	0.18	0.09	0.08	0.08	0.05	0.04	0.04	1.2	0.32	0.61
25	0.25	0.09	0.13	0.12	0.07	0.08	0.05	0.04	0.04	2.0	0.50	1.0
26	0.09	0.08	0.09	0.08	0.07	0.07	0.04	0.04	0.04	0.74	0.25	0.35
27	0.11	0.09	0.10	0.07	0.06	0.07	0.06	0.04	0.05	0.42	0.24	0.32
28	0.11	0.10	0.11	0.08	0.06	0.07	0.08	0.04	0.06	1.0	0.23	0.54
29	0.12	0.10	0.10	0.08	0.06	0.07	0.08	0.06	0.07	0.70	0.45	0.53
30	0.13	0.07	0.11	0.08	0.07	0.07	0.17	0.06	0.09	0.45	0.14	0.22
31	0.12	0.05	0.06	---	---	---	0.13	0.06	0.08	1.2	0.14	0.53
MONTH	0.77	0.05	0.13	0.49	0.04	0.07	1.5	0.04	0.12	3.7	0.06	0.60
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	0.19	0.11	0.16	0.06	0.05	0.05	0.07	0.06	0.07	0.07	0.07	0.07
2	0.18	0.10	0.14	0.08	0.05	0.05	0.08	0.06	0.07	0.07	0.06	0.07
3	0.22	0.11	0.16	0.06	0.05	0.05	0.08	0.07	0.08	0.08	0.06	0.07
4	0.26	0.12	0.19	0.06	0.05	0.05	0.27	0.07	0.11	0.11	0.07	0.08
5	0.18	0.11	0.15	0.06	0.05	0.06	0.69	0.17	0.42	0.07	0.06	0.06
6	0.12	0.07	0.09	0.06	0.05	0.06	0.60	0.29	0.48	0.06	0.04	0.05
7	0.18	0.08	0.11	0.06	0.05	0.06	0.29	0.10	0.22	0.04	0.04	0.04
8	0.22	0.09	0.16	0.06	0.05	0.06	0.12	0.08	0.08	0.05	0.04	0.04
9	0.19	0.07	0.11	0.07	0.05	0.06	0.16	0.08	0.10	0.04	0.04	0.04
10	0.08	0.07	0.07	0.06	0.05	0.06	0.15	0.08	0.11	0.05	0.04	0.04
11	0.08	0.07	0.07	0.06	0.06	0.06	0.08	0.07	0.08	0.04	0.04	0.04
12	0.15	0.06	0.09	0.07	0.06	0.06	0.09	0.07	0.08	0.04	0.04	0.04
13	0.10	0.06	0.08	0.07	0.06	0.06	0.09	0.07	0.08	0.04	0.04	0.04
14	0.07	0.06	0.07	0.06	0.06	0.06	0.12	0.07	0.09	0.05	0.04	0.04
15	0.47	0.06	0.13	0.06	0.06	0.06	0.09	0.08	0.09	0.05	0.04	0.05
16	0.50	0.06	0.11	0.07	0.06	0.06	0.09	0.06	0.06	0.05	0.05	0.05
17	0.07	0.06	0.06	0.10	0.06	0.07	0.06	0.05	0.06	0.06	0.05	0.05
18	0.09	0.06	0.07	0.10	0.06	0.07	0.06	0.05	0.06	0.06	0.05	0.06
19	0.07	0.05	0.06	0.50	0.06	0.17	0.06	0.05	0.06	0.06	0.06	0.06
20	0.05	0.04	0.05	0.48	0.07	0.15	0.06	0.05	0.06	0.28	0.06	0.09
21	0.06	0.04	0.05	0.13	0.06	0.07	0.06	0.05	0.06	0.24	0.07	0.12
22	0.06	0.04	0.05	0.13	0.06	0.09	0.06	0.05	0.05	0.36	0.09	0.18
23	0.05	0.04	0.05	0.07	0.06	0.06	0.06	0.05	0.06	0.54	0.19	0.29
24	0.05	0.04	0.05	0.06	0.06	0.06	0.07	0.06	0.06	0.65	0.16	0.36
25	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	1.2	0.21	0.43
26	0.05	0.04	0.05	0.07	0.06	0.06	0.06	0.06	0.06	1.1	0.16	0.26
27	0.05	0.04	0.05	0.07	0.06	0.06	0.07	0.06	0.07	7.3	0.26	1.5
28	0.06	0.04	0.06	0.08	0.06	0.06	0.07	0.06	0.07	7.3	1.0	2.8
29	0.07	0.06	0.06	0.07	0.06	0.06	0.07	0.06	0.07	12.4	2.1	6.7
30	---	---	---	0.06	0.06	0.06	0.07	0.07	0.07	8.6	3.5	5.0
31	---	---	---	0.07	0.06	0.06	---	---	---	3.9	0.98	2.4
MONTH	0.50	0.04	0.09	0.50	0.05	0.07	0.69	0.05	0.10	12.4	0.04	0.68

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, TOP—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.6	1.2	2.8	2.8	0.26	0.63	3.7	2.2	3.0	0.11	0.06	0.07
2	10.0	3.2	5.9	0.43	0.11	0.22	3.2	1.4	2.1	0.31	0.06	0.10
3	9.5	2.5	4.4	0.55	0.10	0.21	5.7	1.5	3.0	0.07	0.06	0.07
4	5.1	2.2	3.5	1.1	0.15	0.38	4.2	1.3	2.6	0.08	0.06	0.07
5	4.5	1.8	2.9	0.41	0.19	0.31	3.2	1.2	1.9	0.08	0.06	0.07
6	8.3	1.8	5.1	12.3	0.21	5.6	5.0	1.2	2.8	0.10	0.06	0.06
7	4.6	1.6	3.3	11.9	1.7	7.8	3.3	1.6	2.4	0.06	0.06	0.06
8	4.7	1.7	3.4	5.1	1.4	2.2	5.6	1.9	3.7	0.06	0.04	0.05
9	3.6	0.60	1.5	3.6	0.45	1.6	4.0	0.90	2.2	0.07	0.04	0.06
10	1.2	0.43	0.82	6.5	0.82	2.5	4.2	0.53	1.4	---	---	---
11	2.9	0.23	0.71	11.9	1.0	4.4	1.1	0.54	0.73	---	---	---
12	5.7	0.81	1.9	6.7	1.6	2.4	1.5	0.38	0.64	---	---	---
13	5.6	0.67	1.7	2.6	1.8	2.1	1.2	0.38	0.75	---	---	---
14	0.91	0.29	0.52	4.3	1.3	2.1	2.1	0.31	0.71	---	---	---
15	0.35	0.12	0.25	6.0	1.4	2.6	0.55	0.12	0.27	---	---	---
16	0.14	0.07	0.11	16.5	2.5	8.4	0.15	0.07	0.10	---	---	---
17	0.09	0.07	0.08	12.7	5.2	8.2	0.17	0.04	0.09	---	---	---
18	0.48	0.07	0.16	7.1	3.5	5.5	0.06	0.04	0.05	---	---	---
19	8.2	0.08	0.37	9.8	3.3	4.9	0.05	0.04	0.05	---	---	---
20	9.4	0.38	2.2	8.5	4.0	5.9	0.05	0.04	0.04	---	---	---
21	4.1	1.1	1.7	9.3	3.2	5.0	0.05	0.04	0.05	---	---	---
22	2.5	0.64	1.3	9.3	3.6	6.2	0.05	0.04	0.05	---	---	---
23	1.0	0.63	0.84	6.2	3.7	4.9	0.07	0.04	0.05	0.06	0.05	0.05
24	5.5	0.86	1.4	4.5	2.0	2.7	0.14	0.07	0.10	0.09	0.05	0.06
25	6.6	1.0	2.7	10.2	3.3	5.1	0.17	0.06	0.11	0.10	0.05	0.07
26	5.0	0.99	1.7	8.3	4.6	5.8	0.19	0.07	0.10	0.09	0.05	0.06
27	5.3	0.76	2.3	5.8	3.6	4.7	0.09	0.05	0.06	0.21	0.05	0.06
28	6.0	0.59	1.8	5.4	2.5	4.0	0.06	0.04	0.05	0.06	0.05	0.05
29	7.3	1.5	3.2	5.2	2.4	3.9	0.10	0.04	0.06	0.06	0.05	0.06
30	4.2	0.44	0.85	4.0	2.6	3.2	0.09	0.05	0.06	0.09	0.06	0.07
31	---	---	---	4.1	2.4	3.3	0.07	0.06	0.06	---	---	---
MONTH	10.0	0.07	2.0	16.5	0.10	3.8	5.7	0.04	0.94	---	---	---

NEUSE RIVER BASIN

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, BOTTOM
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	4.0	1.7	3.5	0.06	0.04	0.05	3.4	0.06	0.77	7.8	0.17	3.5
2	3.2	0.27	1.5	0.08	0.04	0.05	3.5	0.87	1.6	7.7	0.24	2.9
3	0.76	0.14	0.32	0.05	0.04	0.04	1.5	0.23	0.56	2.7	0.14	0.38
4	0.35	0.08	0.11	0.05	0.04	0.05	0.75	0.18	0.30	0.57	0.07	0.19
5	0.23	0.09	0.13	0.05	0.04	0.05	0.75	0.10	0.31	0.21	0.06	0.09
6	0.18	0.07	0.10	0.05	0.04	0.05	0.65	0.10	0.32	3.3	0.07	0.72
7	1.7	0.07	0.21	0.06	0.05	0.05	0.62	0.31	0.45	5.4	0.66	3.0
8	2.4	0.09	0.92	0.06	0.04	0.05	2.3	0.20	0.73	7.1	3.1	5.1
9	1.1	0.15	0.38	0.05	0.04	0.05	2.7	0.96	2.2	7.8	3.1	6.5
10	0.33	0.10	0.18	0.06	0.05	0.06	2.4	0.09	1.1	7.5	1.5	4.6
11	0.19	0.08	0.11	0.08	0.05	0.07	0.18	0.06	0.09	4.9	1.4	3.3
12	0.20	0.10	0.16	0.09	0.06	0.08	0.14	0.06	0.10	3.9	1.6	2.8
13	1.1	0.12	0.32	0.09	0.06	0.08	0.10	0.07	0.08	4.1	1.6	2.8
14	0.36	0.09	0.16	0.08	0.06	0.07	0.12	0.05	0.07	4.1	0.92	2.5
15	0.10	0.08	0.09	0.08	0.07	0.07	0.08	0.06	0.07	2.8	0.52	1.8
16	0.12	0.08	0.10	0.10	0.07	0.08	0.08	0.04	0.05	1.8	0.64	1.2
17	0.12	0.08	0.10	0.12	0.07	0.08	0.05	0.04	0.04	2.8	1.0	1.9
18	0.12	0.09	0.10	2.7	0.08	0.65	0.05	0.04	0.04	1.7	0.14	0.84
19	0.12	0.07	0.09	0.32	0.06	0.09	0.04	0.04	0.04	1.2	0.24	0.50
20	0.16	0.08	0.09	0.49	0.06	0.23	0.05	0.04	0.04	1.1	0.28	0.59
21	0.12	0.08	0.09	0.30	0.10	0.17	0.04	0.04	0.04	2.5	0.21	1.3
22	0.10	0.07	0.08	0.12	0.08	0.09	0.04	0.04	0.04	2.7	0.71	1.8
23	0.24	0.09	0.17	0.10	0.07	0.08	0.04	0.04	0.04	3.0	1.1	2.0
24	0.38	0.13	0.21	0.09	0.07	0.07	0.05	0.04	0.04	2.5	0.48	1.2
25	0.25	0.09	0.13	0.15	0.06	0.08	0.05	0.04	0.04	2.3	0.52	1.3
26	0.16	0.08	0.10	0.08	0.06	0.07	0.05	0.04	0.04	1.6	0.31	0.64
27	0.15	0.09	0.11	0.08	0.06	0.07	0.15	0.04	0.06	1.4	0.30	0.76
28	0.16	0.10	0.11	0.07	0.06	0.06	6.7	0.09	2.3	1.2	0.38	0.76
29	0.12	0.09	0.10	0.09	0.06	0.07	7.0	0.14	0.79	0.99	0.49	0.64
30	0.13	0.07	0.12	0.08	0.07	0.07	5.0	0.06	0.43	2.6	0.25	0.88
31	0.12	0.05	0.06	---	---	---	7.8	0.14	4.6	3.2	0.46	1.1
MONTH	4.0	0.05	0.32	2.7	0.04	0.09	7.8	0.04	0.56	7.8	0.06	1.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	2.5	0.17	1.2	0.06	0.05	0.05	0.07	0.06	0.07	0.07	0.07	0.07
2	2.5	1.1	2.2	0.07	0.05	0.05	0.08	0.06	0.07	0.07	0.06	0.07
3	2.4	0.12	1.2	0.06	0.05	0.05	0.08	0.07	0.07	0.08	0.06	0.07
4	1.6	0.20	0.77	0.06	0.05	0.05	0.39	0.07	0.14	0.12	0.07	0.08
5	1.7	0.12	0.46	0.06	0.05	0.06	0.87	0.18	0.58	0.07	0.05	0.06
6	0.17	0.07	0.10	0.06	0.05	0.05	0.87	0.36	0.65	0.06	0.05	0.05
7	0.20	0.07	0.12	0.06	0.05	0.06	0.45	0.14	0.26	0.05	0.04	0.05
8	0.21	0.08	0.16	0.06	0.05	0.06	0.18	0.07	0.11	0.05	0.04	0.05
9	0.19	0.07	0.11	0.06	0.05	0.06	0.26	0.07	0.12	0.04	0.04	0.04
10	0.08	0.06	0.07	0.06	0.05	0.06	0.15	0.08	0.11	0.05	0.04	0.04
11	0.10	0.07	0.07	0.06	0.06	0.06	0.09	0.07	0.07	0.04	0.04	0.04
12	0.42	0.07	0.14	0.07	0.06	0.06	0.09	0.07	0.07	0.04	0.04	0.04
13	0.17	0.07	0.10	0.06	0.06	0.06	0.09	0.06	0.07	---	---	---
14	0.08	0.06	0.07	0.06	0.06	0.06	0.11	0.07	0.08	---	---	---
15	0.90	0.06	0.18	0.06	0.06	0.06	0.09	0.07	0.08	---	---	---
16	0.66	0.06	0.12	0.06	0.06	0.06	0.08	0.05	0.06	---	---	---
17	0.06	0.06	0.06	0.12	0.06	0.08	0.06	0.05	0.05	---	---	---
18	0.09	0.06	0.07	0.10	0.06	0.07	0.06	0.05	0.05	---	---	---
19	0.07	0.05	0.06	0.70	0.06	0.19	0.06	0.05	0.05	---	---	---
20	0.05	0.04	0.05	0.64	0.07	0.17	0.06	0.05	0.05	---	---	---
21	0.06	0.04	0.05	0.13	0.06	0.07	0.06	0.05	0.05	7.5	0.07	3.5
22	0.06	0.04	0.05	0.12	0.06	0.09	0.06	0.05	0.05	9.8	1.1	6.5
23	0.05	0.04	0.05	0.07	0.06	0.06	0.06	0.05	0.06	9.0	0.29	2.1
24	0.05	0.04	0.05	0.06	0.06	0.06	0.07	0.06	0.06	3.5	0.18	1.1
25	0.05	0.04	0.05	0.06	0.06	0.06	0.06	0.06	0.06	2.9	0.23	0.97
26	0.05	0.04	0.05	0.06	0.05	0.06	0.06	0.06	0.06	7.1	0.40	3.8
27	0.05	0.04	0.05	0.06	0.06	0.06	0.07	0.06	0.07	11.5	5.7	9.1
28	0.06	0.04	0.06	0.07	0.05	0.06	0.07	0.07	0.07	13.9	9.1	11.2
29	0.07	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	14.2	10.7	13.6
30	---	---	---	0.06	0.06	0.06	0.07	0.07	0.07	11.8	4.5	8.4
31	---	---	---	0.07	0.06	0.06	---	---	---	6.8	4.1	5.5
MONTH	2.5	0.04	0.27	0.70	0.05	0.07	0.87	0.05	0.11	---	---	---

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, BOTTOM—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.1	5.6	8.5	7.7	2.8	6.1	6.0	2.9	4.2	0.12	0.06	0.07
2	10.4	6.6	9.8	7.3	2.7	5.4	6.3	3.0	4.7	0.31	0.06	0.10
3	9.9	6.8	9.1	10.3	5.2	8.5	7.5	2.7	4.5	0.07	0.06	0.06
4	9.0	2.7	6.6	10.7	5.3	9.3	7.5	3.9	5.9	0.08	0.06	0.07
5	7.4	4.0	5.7	10.9	1.1	6.5	10.7	4.0	7.7	0.08	0.06	0.07
6	9.0	5.4	7.7	12.8	10.6	11.7	10.7	5.1	8.0	0.10	0.05	0.06
7	8.0	5.8	7.2	13.2	9.5	12.2	9.4	7.3	8.6	0.06	0.05	0.06
8	9.0	7.6	8.4	11.8	3.9	9.6	9.5	7.0	9.1	0.06	0.04	0.05
9	8.8	4.7	7.2	12.6	8.2	10.8	10.6	7.0	9.8	0.06	0.04	0.05
10	9.0	1.7	6.8	14.3	11.9	13.3	11.1	4.8	9.3	---	---	---
11	10.4	1.2	7.9	15.2	11.9	14.4	10.3	2.3	8.0	---	---	---
12	11.1	3.4	8.9	14.5	6.3	11.9	9.2	0.97	5.7	---	---	---
13	10.7	2.5	7.8	13.2	5.3	9.4	11.9	0.38	2.3	---	---	---
14	5.1	0.30	1.9	14.6	9.5	13.4	6.0	0.33	1.9	---	---	---
15	1.8	0.12	0.34	15.4	11.1	14.0	1.9	0.20	0.94	---	---	---
16	0.16	0.07	0.11	17.0	15.3	16.3	1.7	0.08	0.51	---	---	---
17	0.18	0.07	0.09	16.9	11.3	16.1	4.4	0.05	0.98	---	---	---
18	1.6	0.07	0.30	15.6	9.4	14.6	0.08	0.04	0.05	---	---	---
19	9.5	0.30	5.5	15.2	11.8	14.3	0.05	0.04	0.05	---	---	---
20	11.7	8.5	10.3	15.1	10.8	13.9	0.05	0.04	0.04	---	---	---
21	11.7	7.6	10.7	15.8	12.0	14.6	0.05	0.04	0.04	---	---	---
22	9.7	1.5	6.0	15.8	9.1	14.4	0.06	0.04	0.05	---	---	---
23	9.5	1.4	4.3	14.1	6.5	11.6	10.3	0.04	4.4	0.06	0.05	0.05
24	11.4	7.1	10.3	14.7	5.6	11.3	11.7	9.1	10.2	1.9	0.05	0.17
25	11.5	3.3	9.3	14.9	13.1	14.4	10.4	0.19	5.2	1.9	0.06	0.53
26	8.1	1.4	4.4	14.6	11.8	13.8	2.9	0.07	0.38	0.13	0.05	0.07
27	9.0	5.5	7.7	13.3	5.1	10.1	0.12	0.05	0.07	0.58	0.04	0.07
28	9.2	5.6	7.8	8.6	3.4	5.8	0.10	0.04	0.06	0.06	0.04	0.05
29	9.1	4.8	7.6	7.6	3.6	5.4	0.10	0.05	0.07	0.09	0.05	0.06
30	7.9	5.0	7.1	8.1	4.9	6.7	0.12	0.05	0.06	0.12	0.06	0.07
31	---	---	---	8.0	3.8	6.2	0.07	0.06	0.06	---	---	---
MONTH	11.7	0.07	6.5	17.0	1.1	11.2	11.9	0.04	3.6	---	---	---

NEUSE RIVER BASIN

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, TOP
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	6.7	6.6	6.6	6.6	6.4	6.5	7.3	7.0	7.1	7.0	6.9	6.9
2	6.8	6.6	6.7	6.5	6.4	6.4	7.4	7.2	7.3	7.0	6.9	6.9
3	6.9	6.7	6.8	6.5	6.4	6.4	7.3	7.2	7.2	7.0	6.9	7.0
4	6.7	6.6	6.7	6.6	6.4	6.4	7.3	7.1	7.2	7.1	6.9	7.0
5	6.7	6.6	6.7	6.6	6.4	6.5	7.4	7.2	7.2	7.2	7.0	7.1
6	6.8	6.6	6.7	6.6	6.4	6.5	7.4	7.2	7.3	7.3	7.1	7.2
7	6.9	6.8	6.8	6.6	6.5	6.6	7.4	7.4	7.4	7.3	7.1	7.2
8	6.9	6.9	6.9	6.8	6.5	6.6	7.4	7.2	7.3	7.2	7.0	7.2
9	7.0	6.9	7.0	6.9	6.6	6.8	7.2	7.1	7.2	7.2	7.0	7.1
10	7.2	7.0	7.1	6.8	6.5	6.6	7.2	7.1	7.1	7.3	7.1	7.2
11	7.2	7.1	7.2	6.6	6.5	6.6	7.5	7.2	7.3	7.3	7.2	7.2
12	7.2	7.1	7.2	6.8	6.6	6.7	7.4	7.3	7.4	7.3	7.2	7.2
13	7.2	7.0	7.1	7.1	6.8	6.9	7.4	7.1	7.2	7.2	7.2	7.2
14	7.1	6.9	7.0	7.1	7.0	7.1	7.4	7.0	7.2	7.4	7.2	7.2
15	7.2	7.0	7.1	7.1	7.0	7.1	7.1	7.0	7.1	7.4	7.2	7.3
16	7.2	7.1	7.2	7.1	6.8	7.0	7.1	6.7	6.9	7.4	7.3	7.3
17	7.2	6.8	7.0	6.9	6.8	6.8	6.9	6.7	6.8	7.3	7.2	7.3
18	7.1	6.8	7.0	6.9	6.8	6.8	6.8	6.6	6.7	7.3	7.2	7.3
19	7.0	6.9	7.0	7.1	6.8	7.0	6.7	6.6	6.7	7.4	7.3	7.3
20	7.0	6.9	6.9	7.2	7.0	7.1	6.8	6.6	6.7	7.4	7.3	7.3
21	7.0	6.9	7.0	7.2	7.0	7.1	6.8	6.7	6.7	7.4	7.3	7.3
22	7.2	7.0	7.1	7.0	6.8	7.0	6.8	6.7	6.7	7.3	7.2	7.3
23	7.2	7.0	7.2	6.9	6.8	6.8	6.8	6.7	6.7	7.5	7.3	7.4
24	7.4	7.2	7.2	6.9	6.8	6.9	6.9	6.7	6.8	7.4	7.3	7.4
25	7.4	7.2	7.3	7.1	6.9	7.0	6.9	6.8	6.8	7.6	7.4	7.5
26	7.2	7.0	7.1	7.1	6.9	7.0	6.9	6.8	6.8	7.5	7.4	7.5
27	7.1	7.0	7.1	7.0	6.8	6.9	6.9	6.8	6.9	7.5	7.4	7.5
28	7.1	7.1	7.1	7.1	6.8	6.9	6.9	6.8	6.9	7.6	7.3	7.5
29	7.2	7.1	7.1	7.4	7.1	7.2	7.0	6.9	6.9	7.6	7.5	7.5
30	7.1	6.8	7.0	7.3	7.2	7.3	7.0	6.9	7.0	---	---	---
31	7.0	6.5	6.7	---	---	---	7.0	6.9	6.9	7.5	7.2	7.4
MONTH	7.4	6.5	7.0	7.4	6.4	6.8	7.5	6.6	7.0	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	7.3	7.2	7.2	7.0	6.9	7.0	7.1	6.9	7.0	7.2	6.9	7.0
2	7.2	7.1	7.2	7.2	6.9	7.0	7.2	7.0	7.2	7.1	7.0	7.1
3	7.2	7.2	7.2	7.1	6.9	7.0	7.3	7.2	7.3	7.2	7.0	7.1
4	7.3	7.2	7.3	7.0	6.8	7.0	7.4	7.2	7.3	7.3	6.8	7.1
5	7.3	7.2	7.2	7.1	6.9	7.0	7.4	7.2	7.3	6.8	6.6	6.8
6	7.2	7.1	7.2	7.2	6.9	7.0	7.6	7.3	7.4	6.8	6.6	6.6
7	7.3	7.1	7.2	7.2	6.9	7.1	7.4	7.2	7.3	6.7	6.6	6.6
8	7.5	7.3	7.4	7.2	7.0	7.1	7.3	7.1	7.2	6.6	6.6	6.6
9	7.5	7.2	7.3	7.2	7.0	7.1	7.5	7.2	7.3	6.6	6.5	6.5
10	7.2	7.0	7.1	7.3	7.0	7.1	7.6	7.2	7.4	6.6	6.5	6.6
11	7.1	7.0	7.0	7.3	7.2	7.3	7.4	7.2	7.3	6.6	6.4	6.5
12	7.1	7.0	7.0	7.2	7.0	7.1	7.3	7.1	7.2	6.6	6.4	6.5
13	7.1	7.0	7.0	7.3	7.1	7.2	7.3	7.1	7.1	6.6	6.5	6.5
14	7.0	6.9	7.0	7.2	7.0	7.1	7.2	7.0	7.1	6.6	6.5	6.5
15	7.0	6.8	6.9	7.1	7.0	7.1	7.5	7.1	7.3	6.6	6.5	6.6
16	7.0	6.8	6.9	7.1	7.0	7.0	7.4	6.8	7.0	6.7	6.6	6.6
17	6.8	6.7	6.8	7.2	7.0	7.1	6.9	6.7	6.8	6.7	6.6	6.6
18	7.1	6.7	6.9	7.1	7.0	7.0	6.9	6.8	6.8	6.8	6.6	6.7
19	7.0	6.6	6.7	7.2	7.0	7.1	7.0	6.8	6.9	6.9	6.7	6.8
20	7.0	6.5	6.8	7.3	7.1	7.2	7.1	6.9	7.0	7.0	6.8	6.9
21	7.2	6.9	7.0	7.3	7.1	7.2	7.0	6.8	6.9	7.0	6.7	6.9
22	7.1	6.8	7.0	7.4	7.2	7.3	7.0	6.7	6.9	7.6	7.0	7.1
23	7.0	6.8	6.9	7.3	7.0	7.2	7.0	6.8	6.9	7.7	7.1	7.2
24	7.0	6.9	7.0	7.1	7.0	7.1	7.2	6.8	6.9	7.5	7.1	7.2
25	7.1	6.9	7.0	7.1	6.7	7.0	7.0	6.8	6.9	8.0	6.9	7.3
26	7.2	7.0	7.1	7.0	6.9	6.9	7.0	6.8	6.9	8.6	7.0	7.6
27	7.2	7.0	7.2	7.0	6.9	7.0	7.1	6.9	7.0	7.7	6.8	7.3
28	7.0	6.9	7.0	7.2	6.9	7.0	7.5	7.0	7.2	7.4	6.8	7.1
29	7.0	6.9	7.0	7.3	7.1	7.2	7.2	6.9	7.0	7.4	6.7	7.0
30	---	---	---	7.2	7.0	7.1	7.3	6.9	7.0	7.7	7.0	7.4
31	---	---	---	7.3	7.0	7.0	---	---	---	7.2	6.8	7.0
MONTH	7.5	6.5	7.1	7.4	6.7	7.1	7.6	6.7	7.1	8.6	6.4	6.9

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, TOP—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

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

NEUSE RIVER BASIN

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, BOTTOM
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

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

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, BOTTOM—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

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

NEUSE RIVER BASIN

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	22.9	21.5	22.1	17.0	15.8	16.3	11.7	10.8	11.2	8.4	7.3	7.9
2	21.8	20.4	21.1	18.6	15.7	16.7	11.3	9.8	10.8	8.3	7.4	7.9
3	20.8	18.8	20.1	18.0	16.1	17.0	10.2	8.8	9.3	9.4	7.6	8.5
4	20.1	19.0	19.6	17.9	16.9	17.2	9.0	8.3	8.7	10.8	9.1	9.8
5	21.6	19.1	20.1	19.2	17.6	18.2	9.1	8.7	8.9	12.9	10.6	11.5
6	20.3	19.4	19.8	19.6	18.5	18.8	8.9	8.1	8.7	13.0	10.7	12.1
7	20.7	19.6	20.2	19.4	19.1	19.3	8.3	7.3	7.9	10.7	8.5	9.4
8	20.5	19.9	20.2	19.3	17.6	18.7	8.2	6.9	7.6	9.2	7.4	8.3
9	20.6	19.7	20.2	17.6	16.2	16.8	8.3	7.2	7.7	9.5	7.4	8.0
10	20.6	20.2	20.4	16.2	15.2	15.5	9.2	7.7	8.2	7.5	6.2	6.9
11	20.6	20.0	20.3	15.8	14.6	14.9	10.0	8.6	9.2	6.2	5.2	5.6
12	20.9	19.9	20.4	16.4	15.2	15.8	9.7	8.5	9.0	6.4	4.7	5.7
13	22.2	20.4	21.0	16.4	15.2	16.0	9.2	8.6	8.9	6.8	5.6	6.2
14	21.6	21.0	21.2	15.2	13.5	14.2	9.2	8.6	8.9	6.7	5.7	6.1
15	21.1	19.7	20.1	13.6	12.6	13.0	8.6	7.9	8.3	7.0	5.6	6.2
16	19.8	18.9	19.3	14.1	12.9	13.4	8.5	7.7	8.0	6.2	5.1	5.8
17	19.6	18.7	19.0	14.9	13.9	14.5	9.1	7.8	8.4	6.1	4.5	5.3
18	19.7	18.6	19.0	15.5	14.5	14.9	8.5	7.7	8.1	7.4	5.6	6.4
19	19.5	17.9	18.7	15.9	15.0	15.4	7.7	6.9	7.3	7.4	6.9	7.2
20	19.4	18.2	18.6	15.7	14.7	15.2	7.0	6.0	6.7	6.9	5.2	5.8
21	19.4	18.3	18.8	16.6	14.3	15.0	6.4	5.5	5.9	5.8	4.7	5.2
22	19.4	18.6	19.1	16.3	14.3	15.1	6.3	5.4	5.8	6.6	4.9	5.8
23	18.7	17.8	18.1	15.8	14.8	15.2	6.7	5.7	6.2	6.3	5.7	5.9
24	17.9	17.0	17.5	15.7	14.7	15.3	8.4	6.7	7.5	6.3	5.1	5.8
25	17.2	16.1	16.6	15.5	14.2	15.0	7.8	7.2	7.6	6.0	4.5	5.1
26	17.8	16.6	17.0	14.3	13.6	13.8	7.5	6.9	7.1	4.5	3.8	4.3
27	18.6	17.4	18.0	13.8	13.5	13.7	7.3	6.4	6.9	4.2	3.8	4.0
28	18.6	18.1	18.3	14.8	13.3	13.9	7.3	6.2	6.8	4.4	3.4	4.0
29	18.4	17.5	17.9	14.2	12.1	12.6	7.4	6.5	6.9	4.4	3.0	3.8
30	18.9	17.2	17.9	12.4	10.7	11.3	8.9	7.1	8.0	4.6	3.6	4.1
31	17.6	16.5	16.9	---	---	---	8.7	7.4	8.0	4.3	2.6	3.8
MONTH	22.9	16.1	19.3	19.6	10.7	15.4	11.7	5.4	8.0	13.0	2.6	6.5
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3.9	2.8	3.3	9.6	7.1	8.2	15.8	14.9	15.3	22.0	21.4	21.6
2	4.7	3.0	3.8	12.4	8.9	10.2	14.9	14.1	14.3	22.3	21.1	21.7
3	5.8	4.4	5.1	13.1	10.8	11.7	14.4	13.6	14.1	22.2	21.2	21.6
4	6.6	5.2	5.9	14.6	11.9	13.2	15.1	13.8	14.3	21.9	20.1	20.8
5	6.2	5.4	5.8	15.9	13.6	14.7	14.5	12.9	13.6	20.8	19.3	20.0
6	8.8	5.7	7.0	17.2	15.0	16.2	14.8	12.2	13.5	21.8	18.8	19.9
7	10.5	8.8	9.8	17.7	16.7	17.0	15.6	13.7	14.4	21.7	19.4	20.4
8	9.8	8.6	9.1	16.7	15.0	15.6	17.3	15.2	16.2	23.2	20.6	21.7
9	8.9	7.2	7.9	15.8	13.8	14.7	19.1	16.7	17.5	23.2	21.5	22.2
10	8.5	8.0	8.2	14.8	12.5	13.4	18.5	17.5	18.0	23.6	21.7	22.4
11	8.8	8.1	8.4	12.7	11.4	12.1	18.9	17.7	18.3	23.6	22.0	22.7
12	8.8	8.0	8.4	13.2	11.8	12.5	18.5	17.8	18.0	24.2	22.5	23.2
13	9.1	7.9	8.5	13.4	12.2	12.8	19.0	17.9	18.3	24.4	23.0	23.6
14	8.9	8.5	8.7	13.2	12.3	12.8	18.3	16.8	17.6	24.7	23.1	23.8
15	8.6	8.2	8.5	14.2	13.0	13.5	17.2	16.1	16.7	25.1	23.7	24.5
16	8.2	7.0	7.4	14.0	13.8	13.9	19.5	16.3	17.5	25.9	24.4	25.0
17	7.2	6.2	6.5	13.9	12.7	13.4	18.3	16.5	17.3	26.5	24.8	25.6
18	7.3	5.7	6.4	12.9	12.0	12.6	19.4	17.3	18.3	26.6	25.4	25.9
19	7.4	5.6	6.4	14.0	12.6	13.3	20.6	18.4	19.5	27.4	25.1	26.1
20	8.5	6.3	7.3	14.6	12.7	13.6	21.5	19.2	20.1	28.0	25.7	26.4
21	10.0	7.6	8.8	14.5	13.2	13.8	22.0	20.4	21.1	27.9	26.0	26.6
22	10.4	8.6	9.4	13.9	12.5	13.0	22.5	20.7	21.6	29.0	26.5	27.6
23	10.1	8.8	9.5	14.3	11.8	12.8	23.0	21.1	22.1	28.5	27.0	27.8
24	9.7	9.0	9.3	13.7	12.6	13.2	23.1	21.8	22.5	28.1	26.9	27.4
25	9.4	8.6	9.0	14.6	12.5	13.5	22.4	21.8	22.1	28.2	26.8	27.3
26	9.0	7.7	8.2	15.7	13.6	14.5	23.3	21.8	22.5	29.4	26.8	28.1
27	7.7	6.8	7.3	16.8	14.8	15.8	22.8	21.7	22.3	29.2	26.8	28.2
28	7.6	6.0	6.8	16.8	15.8	16.4	22.8	20.6	21.5	29.0	26.8	27.9
29	8.6	6.4	7.3	15.9	14.8	15.3	21.8	20.2	21.1	27.8	25.8	26.8
30	---	---	---	16.3	14.5	15.3	22.3	20.8	21.7	27.0	25.5	26.0
31	---	---	---	16.2	15.6	15.9	---	---	---	27.1	25.5	26.3
MONTH	10.5	2.8	7.5	17.7	7.1	13.7	23.3	12.2	18.4	29.4	18.8	24.5

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	27.5	26.0	26.7	28.0	26.6	27.2	30.0	28.5	29.2	26.5	25.7	26.0
2	27.7	25.7	26.6	27.5	26.2	26.8	29.6	29.0	29.3	26.3	24.9	25.5
3	28.2	26.1	27.0	27.1	26.1	26.5	29.1	28.3	28.6	26.8	25.0	25.8
4	28.3	27.2	27.8	28.2	26.6	27.3	29.5	27.8	28.6	26.9	25.8	26.3
5	28.7	26.5	27.4	29.6	27.1	28.2	29.7	28.2	29.0	27.0	25.9	26.4
6	27.7	26.4	27.0	29.3	27.6	28.2	29.5	27.0	28.1	26.8	25.3	26.0
7	28.7	27.3	27.6	30.3	27.9	28.6	28.1	26.0	27.0	25.4	25.0	25.2
8	28.5	27.4	27.7	30.4	28.9	29.6	27.6	26.2	27.1	25.9	24.9	25.4
9	28.4	27.2	27.7	31.6	28.9	29.8	27.6	26.1	26.9	26.3	25.2	25.7
10	28.8	26.8	27.6	31.2	29.4	30.0	28.1	26.4	27.0	---	---	---
11	29.5	26.3	27.7	30.9	28.7	29.6	27.7	26.5	27.2	---	---	---
12	27.5	26.0	26.6	30.4	28.6	29.3	27.6	26.7	27.0	---	---	---
13	26.6	24.8	25.8	31.0	29.0	29.9	26.9	26.3	26.6	---	---	---
14	25.8	24.9	25.4	30.9	29.2	29.9	26.5	25.3	25.9	---	---	---
15	26.7	24.6	25.6	30.8	29.4	30.0	25.4	24.4	24.8	---	---	---
16	26.9	25.6	26.2	30.1	28.1	28.8	25.1	23.9	24.5	---	---	---
17	27.0	26.0	26.4	29.7	28.7	29.2	25.9	23.5	24.5	---	---	---
18	27.4	26.6	26.9	29.5	28.3	28.9	25.5	23.9	24.6	---	---	---
19	30.5	26.6	28.4	30.9	28.4	29.0	25.6	23.9	24.6	---	---	---
20	29.2	26.7	27.7	29.2	27.0	28.0	26.4	24.7	25.3	---	---	---
21	28.8	25.6	27.1	29.9	28.5	28.8	26.7	25.5	26.0	---	---	---
22	28.8	27.5	28.1	29.9	28.6	29.2	26.1	25.5	25.7	---	---	---
23	29.7	27.7	28.5	29.8	28.7	29.4	26.8	24.9	25.8	24.2	22.0	23.0
24	29.3	28.0	28.4	30.5	28.1	29.1	26.6	24.8	25.7	23.4	22.7	23.0
25	29.8	27.6	28.5	29.4	27.8	28.4	26.3	24.6	25.5	23.6	22.4	23.0
26	29.1	27.6	28.3	30.3	28.1	29.0	25.8	24.9	25.4	23.3	22.5	23.0
27	29.1	27.1	27.8	30.9	29.7	30.2	26.5	24.9	25.6	23.9	22.6	23.2
28	28.6	27.2	27.9	30.4	28.7	29.5	28.5	25.5	26.3	24.0	23.1	23.5
29	28.5	27.1	27.7	29.0	27.8	28.4	27.6	26.0	26.7	26.2	23.1	24.1
30	28.7	27.0	27.7	29.3	27.6	28.4	26.8	25.9	26.4	24.9	23.8	24.2
31	---	---	---	29.6	28.1	28.8	27.4	25.9	26.4	---	---	---
MONTH	30.5	24.6	27.3	31.6	26.1	28.8	30.0	23.5	26.5	---	---	---

NEUSE RIVER BASIN

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	23.6	22.3	23.1	16.5	15.6	16.0	12.8	10.7	11.4	8.9	7.5	8.3
2	22.9	20.6	21.8	16.8	15.6	16.2	12.5	10.3	11.2	8.7	7.6	8.1
3	21.0	18.6	19.7	17.5	16.0	16.6	11.2	8.9	9.6	9.1	7.7	8.2
4	19.7	18.9	19.3	17.7	16.8	17.1	9.2	8.2	8.7	10.7	8.7	9.5
5	20.3	19.0	19.6	18.8	17.6	17.9	9.1	8.5	8.8	12.6	10.3	11.3
6	20.1	19.2	19.5	19.1	18.4	18.6	9.1	8.4	8.7	12.9	10.7	12.1
7	20.6	19.4	19.8	19.4	19.0	19.3	8.6	7.6	8.2	10.7	9.1	9.9
8	20.5	20.0	20.2	19.2	17.6	18.7	8.8	7.1	8.0	10.4	9.3	10
9	20.6	19.8	20.2	17.6	16.1	16.8	9.0	7.9	8.6	10.4	9.3	10
10	20.6	20.1	20.4	16.1	15.1	15.4	9.0	7.9	8.5	9.5	6.5	7.7
11	20.6	20.0	20.3	15.3	14.5	14.7	9.9	8.4	9.1	7.2	5.3	6.2
12	20.5	19.9	20.1	16.3	15.0	15.7	9.1	8.4	8.9	6.6	5.6	6.1
13	21.5	20.3	20.7	16.4	15.1	15.9	9.0	8.5	8.7	6.9	6.0	6.5
14	21.5	20.9	21.1	15.2	13.3	13.9	9.0	8.5	8.8	7.0	6.0	6.5
15	21.0	19.6	20.0	13.5	12.5	12.8	8.5	7.8	8.2	7.1	5.8	6.5
16	19.7	18.7	19.1	13.8	12.8	13.1	8.4	7.6	7.9	6.3	5.7	6.0
17	18.9	18.4	18.7	14.3	13.7	14.0	9.1	7.8	8.3	6.5	5.7	6.2
18	19.2	18.5	18.8	15.0	14.0	14.4	8.5	7.6	8.1	7.3	6.0	6.6
19	18.5	17.7	18.0	15.8	14.7	15.3	7.6	6.9	7.3	7.5	7.0	7.2
20	18.4	18.0	18.1	15.6	14.8	15.1	6.9	6.0	6.6	7.0	5.3	6.1
21	19.3	18.2	18.7	15.2	14.2	14.5	6.4	5.5	5.8	6.8	4.7	5.9
22	19.2	18.5	18.9	15.1	14.1	14.4	6.3	5.4	5.8	6.9	5.9	6.4
23	18.5	17.4	18.0	15.1	14.4	14.7	6.6	5.6	6.1	7.0	6.0	6.4
24	17.8	16.9	17.3	15.6	14.6	15.0	8.3	6.6	7.4	6.3	5.2	5.9
25	17.1	16.0	16.4	15.4	14.0	14.9	7.8	7.1	7.5	6.1	4.6	5.2
26	17.1	16.3	16.6	14.1	13.4	13.6	7.5	6.8	7.1	4.8	3.9	4.3
27	18.0	17.1	17.6	13.7	13.3	13.5	7.3	6.4	6.8	4.6	3.9	4.2
28	18.3	18.0	18.2	14.7	13.1	13.7	8.0	6.2	7.0	4.4	3.8	4.1
29	18.3	17.3	17.7	14.0	11.8	12.4	7.7	6.7	7.1	4.4	3.0	3.9
30	18.1	17.0	17.5	12.2	10.6	11.0	8.8	7.2	8.0	4.5	3.8	4.3
31	17.4	16.3	16.6	---	---	---	8.8	7.9	8.5	4.5	3.6	4.0
MONTH	23.6	16.0	19.1	19.4	10.6	15.2	12.8	5.4	8.1	12.9	3.0	6.9
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	4.2	3.4	4.0	9.5	7.0	8.1	15.8	14.9	15.3	22.1	21.4	21.7
2	4.4	3.7	4.1	12.1	8.7	10	14.9	14.1	14.3	22.3	21.1	21.6
3	5.5	4.4	4.9	12.6	10.6	11.2	14.4	13.6	14.1	22.1	21.3	21.6
4	6.4	4.9	5.6	14.3	11.8	13.0	15.1	13.8	14.4	21.3	20.1	20.5
5	6.2	5.2	5.8	15.8	13.4	14.4	14.4	13.2	13.7	20.8	19.2	19.8
6	8.7	5.7	6.9	17.1	14.8	16.0	14.0	12.7	13.4	20.2	18.7	19.1
7	10.4	8.7	9.7	17.4	16.4	16.8	14.8	13.6	14.0	20.8	19.2	19.7
8	9.8	8.6	9.1	16.6	14.7	15.4	17.2	14.6	15.9	22.8	20.5	21.4
9	8.9	7.3	7.9	15.0	13.7	14.3	18.4	16.4	17.2	22.8	21.4	21.9
10	8.5	7.9	8.2	14.5	12.4	13.3	18.5	17.5	18.0	23.5	21.6	22.1
11	8.6	8.1	8.4	12.6	11.1	12.0	18.8	17.7	18.2	23.6	21.9	22.4
12	8.8	8.0	8.4	13.1	11.7	12.4	18.5	17.7	18.0	24.1	22.4	22.9
13	8.9	7.8	8.3	13.2	12.0	12.6	19.0	17.9	18.3	---	---	---
14	8.8	8.5	8.6	13.1	12.2	12.5	18.3	16.8	17.6	---	---	---
15	8.6	8.1	8.5	13.7	12.8	13.1	17.2	16.1	16.7	---	---	---
16	8.1	6.9	7.3	13.8	13.5	13.8	18.1	16.3	16.7	---	---	---
17	7.2	6.2	6.5	13.8	12.6	13.3	18.3	16.5	17.2	---	---	---
18	7.2	5.7	6.3	12.7	11.9	12.4	19.4	17.2	18.1	---	---	---
19	7.3	5.6	6.3	13.8	12.6	13.1	20.7	18.4	19.4	---	---	---
20	8.4	6.3	7.1	14.4	12.6	13.3	20.9	19.1	19.5	---	---	---
21	9.8	7.5	8.7	14.4	13.1	13.7	22.0	20.2	20.9	26.6	23.3	25.0
22	9.9	8.5	9.1	13.8	12.1	12.9	22.5	20.7	21.5	27.6	23.0	24.3
23	9.9	8.7	9.3	13.4	11.6	12.2	23.0	21.0	21.9	28.5	23.5	26.7
24	9.6	8.9	9.2	13.6	12.2	12.9	23.0	21.6	22.4	28.1	26.6	27.2
25	9.3	8.5	8.9	14.4	12.3	13.1	22.4	21.8	22.1	27.6	26.6	27.0
26	8.9	7.5	8.1	15.0	13.5	14.0	23.2	21.8	22.5	27.4	25.2	26.3
27	7.6	6.7	7.2	16.8	14.5	15.5	22.8	21.7	22.3	25.8	24.7	25.0
28	7.5	6.0	6.6	16.8	15.6	16.3	21.7	20.5	20.9	25.6	24.8	25.1
29	8.4	6.3	7.1	16.0	14.8	15.3	21.7	20.1	20.9	26.0	24.7	25.0
30	---	---	---	16.1	14.4	15.1	22.3	20.7	21.5	26.1	25.5	25.8
31	---	---	---	16.3	15.5	15.9	---	---	---	25.9	25.5	25.7
MONTH	10.4	3.4	7.5	17.4	7.0	13.5	23.2	12.7	18.2	---	---	---

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	26.0	25.2	25.5	27.8	27.1	27.5	30.0	28.7	29.2	26.5	25.7	26.0
2	26.5	25.2	25.4	27.5	26.7	27.2	29.6	29.2	29.4	26.3	24.9	25.5
3	26.5	25.6	25.8	27.5	27.0	27.2	29.5	28.3	28.7	26.7	25.0	25.7
4	27.8	25.7	26.6	27.3	27.0	27.1	28.7	28.5	28.6	26.8	25.7	26.2
5	27.4	26.8	27.1	27.6	27.1	27.2	28.8	28.4	28.5	27.0	25.8	26.4
6	27.1	26.8	26.9	27.6	27.2	27.4	28.6	28.2	28.3	26.8	25.3	26.0
7	27.0	26.7	26.8	28.0	27.4	27.6	28.3	27.5	27.8	25.3	25.0	25.2
8	26.8	26.5	26.6	29.0	27.6	28.1	27.7	27.4	27.5	25.8	24.9	25.3
9	27.1	26.5	26.8	28.6	27.7	28.1	27.5	27.0	27.2	26.2	25.2	25.7
10	27.4	26.5	26.9	28.4	27.7	27.9	27.3	26.8	27.0	---	---	---
11	27.8	26.5	26.9	28.4	27.9	28.0	27.2	26.9	27.1	---	---	---
12	27.4	26.5	26.8	29.1	27.8	28.3	27.4	26.9	27.1	---	---	---
13	26.8	26.2	26.6	29.3	28.0	28.6	26.9	26.3	26.6	---	---	---
14	26.3	25.2	25.7	28.6	27.9	28.1	26.7	25.5	26.2	---	---	---
15	26.0	24.5	25.2	28.7	27.9	28.2	25.7	24.6	25.1	---	---	---
16	26.8	25.5	26.0	28.2	27.9	28.0	25.4	24.0	24.5	---	---	---
17	27.0	25.9	26.3	28.9	27.8	28.0	25.6	23.6	24.3	---	---	---
18	27.3	26.5	26.7	28.6	28.0	28.2	25.0	23.8	24.2	---	---	---
19	27.2	26.2	26.6	28.4	27.9	28.1	25.4	23.8	24.3	---	---	---
20	26.5	26.3	26.4	28.4	27.9	28.0	26.1	24.7	25.1	---	---	---
21	26.8	26.2	26.4	28.1	27.8	27.9	26.6	25.4	25.9	---	---	---
22	28.1	26.5	27.1	28.9	27.8	28.1	26.1	25.5	25.7	---	---	---
23	28.2	26.8	27.5	29.0	27.9	28.4	25.8	24.9	25.4	23.7	21.7	22.5
24	27.5	26.5	26.8	28.9	28.0	28.4	25.9	25.7	25.8	23.4	22.6	22.9
25	28.6	26.4	27.0	28.5	28.0	28.2	26.0	24.6	25.4	23.6	22.5	23.0
26	28.4	27.5	27.9	28.6	28.0	28.2	25.7	24.8	25.3	23.2	22.4	22.9
27	27.9	27.2	27.5	30.1	28.1	28.9	26.4	24.9	25.6	23.7	22.6	23.1
28	27.9	27.2	27.5	30.1	28.7	29.4	27.1	25.5	25.9	23.8	23.1	23.4
29	27.7	27.3	27.5	29.0	28.3	28.6	27.0	26.0	26.6	24.7	23.0	23.3
30	27.7	27.3	27.5	28.6	28.3	28.5	26.8	25.9	26.4	24.3	23.2	23.9
31	---	---	---	29.6	28.4	28.8	26.9	25.8	26.2	---	---	---
MONTH	28.6	24.5	26.7	30.1	26.7	28.1	30.0	23.6	26.5	---	---	---

NEUSE RIVER BASIN

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, TOP
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	4.2	2.9	3.6	5.8	5.5	5.7	9.8	8.8	9.3	10.3	10.0	10.1
2	5.1	3.8	4.3	6.1	5.7	5.8	9.8	9.2	9.6	10.3	10.0	10.2
3	5.7	4.8	5.2	6.2	5.8	6.0	10.2	9.6	10	10.4	10.0	10.2
4	5.1	4.4	4.7	5.9	5.2	5.6	10.6	9.5	9.9	10.4	10.0	10.2
5	5.2	4.4	4.8	5.6	5.0	5.3	10.6	10.2	10.3	10.2	9.8	10.0
6	5.2	4.4	4.8	5.3	4.7	5.1	10.9	10.2	10.4	10.0	9.0	9.7
7	6.1	4.9	5.6	5.8	5.0	5.4	11.0	10.6	10.8	10.1	9.2	9.6
8	6.1	5.2	5.8	6.5	5.1	5.8	11.0	10.3	10.8	10.3	9.5	9.8
9	6.6	5.6	6.1	7.5	6.3	6.9	10.4	10.1	10.2	10.0	7.6	9.6
10	7.1	6.5	6.8	7.2	4.8	5.7	10.6	10.1	10.3	10.8	9.7	10.1
11	7.2	6.6	6.9	5.0	4.4	4.7	11.2	9.9	10.8	10.8	10.1	10.4
12	6.9	6.5	6.7	6.6	4.8	5.5	11.2	10.0	10.8	11.3	10.1	10.6
13	6.8	5.9	6.4	8.0	6.3	7.1	10.6	9.6	10.0	11.3	10.4	10.8
14	6.3	5.6	6.0	8.6	7.8	8.2	10.6	9.3	9.8	11.4	10.5	11.1
15	6.7	5.8	6.2	8.7	8.1	8.4	10.0	9.6	9.9	11.4	10.7	11.1
16	6.9	6.2	6.5	8.4	7.1	7.6	9.8	9.1	9.4	11.8	11.1	11.4
17	6.4	5.1	5.7	7.3	6.9	7.1	9.8	9.1	9.4	12.0	11.0	11.7
18	6.6	5.4	6.0	7.9	7.0	7.3	9.8	9.0	9.3	11.8	11.1	11.5
19	7.0	6.2	6.5	8.3	7.3	7.9	9.8	9.1	9.5	11.6	11.0	11.3
20	6.7	5.9	6.4	8.6	7.7	8.3	10.3	9.4	9.8	12.0	11.2	11.6
21	7.0	6.0	6.5	8.7	7.8	8.3	10.4	9.9	10.1	12.0	11.5	11.7
22	7.6	6.5	7.1	7.9	6.9	7.4	10.6	10.1	10.3	11.9	11.1	11.5
23	7.7	6.7	7.4	7.1	6.6	6.9	10.7	10.3	10.5	11.7	11.2	11.5
24	8.2	7.4	7.7	7.5	6.7	7.0	10.8	10.0	10.4	11.9	11.3	11.6
25	8.2	7.6	7.9	8.5	7.4	8.0	10.6	10.1	10.3	12.3	11.5	11.9
26	7.8	7.2	7.5	8.5	7.4	8.1	10.4	9.9	10.2	12.6	12.0	12.3
27	7.5	7.2	7.3	7.5	7.1	7.3	10.4	10.0	10.2	12.5	11.9	12.3
28	7.5	7.0	7.2	8.7	7.1	7.7	10.6	10.1	10.3	12.7	11.7	12.2
29	7.6	7.2	7.4	9.7	8.6	9.2	10.6	10.2	10.4	12.7	11.9	12.3
30	7.3	6.0	6.6	9.9	9.3	9.6	10.7	10.2	10.5	12.7	11.8	12.2
31	6.2	5.5	5.8	---	---	---	10.6	10.0	10.3	12.3	11.4	11.9
MONTH	8.2	2.9	6.2	9.9	4.4	7.0	11.2	8.8	10.1	12.7	7.6	11.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.3	12.1	12.2	10.8	10.4	10.6	---	---	---	7.9	6.5	6.9
2	12.2	12.0	12.1	10.6	10.3	10.4	---	---	---	7.1	6.4	6.9
3	12.0	11.7	11.8	10.3	10.0	10.2	---	---	---	7.0	6.6	6.8
4	11.8	11.5	11.7	10.2	9.6	9.8	---	---	---	7.3	6.1	6.8
5	11.8	11.6	11.7	9.6	8.9	9.3	---	---	---	6.2	5.3	5.8
6	11.8	11.1	11.6	9.0	8.6	8.8	---	---	---	5.7	4.8	5.3
7	11.1	10.5	10.7	8.9	8.3	8.6	---	---	---	5.3	4.9	5.0
8	10.7	10.2	10.5	8.4	7.4	8.1	---	---	---	5.6	5.0	5.3
9	11.2	10.3	10.8	8.7	8.2	8.4	---	---	---	5.5	4.5	4.9
10	10.9	10.6	10.8	8.9	8.2	8.6	---	---	---	5.2	4.7	4.9
11	10.8	10.5	10.6	9.2	8.8	9.0	---	---	---	5.1	4.6	4.8
12	10.6	9.9	10.4	9.0	8.5	8.7	---	---	---	5.0	4.3	4.6
13	10.4	10.2	10.3	9.2	8.5	8.8	---	---	---	5.0	4.2	4.6
14	10.3	9.8	10	8.9	8.3	8.7	---	---	---	4.7	4.1	4.4
15	10.0	9.7	9.8	8.5	8.2	8.3	---	---	---	4.9	4.1	4.5
16	10.6	9.8	10.4	8.3	8.0	8.2	---	---	---	5.3	4.3	4.6
17	10.6	10.2	10.3	8.2	8.0	8.1	---	---	---	5.8	4.2	4.8
18	11.1	10.2	10.6	8.1	7.8	7.9	---	---	---	6.2	4.7	5.1
19	11.0	10.6	10.8	8.3	7.8	8.0	---	---	---	6.6	4.8	5.5
20	11.1	10.5	10.7	8.4	7.8	8.1	---	---	---	7.3	5.1	6.1
21	10.9	10.6	10.7	8.3	7.9	8.1	---	---	---	7.1	6.0	6.7
22	11.0	10.2	10.6	8.5	8.1	8.3	---	---	---	8.3	6.4	7.0
23	10.7	10.0	10.4	8.5	7.8	8.2	7.4	6.7	7.0	8.5	6.8	7.4
24	10.4	10.1	10.2	8.2	7.8	8.0	8.0	6.5	7.1	8.2	6.7	7.3
25	10.5	10.1	10.3	8.4	7.7	8.0	7.2	6.6	6.9	9.3	6.5	7.6
26	10.8	10.3	10.5	---	---	---	7.1	6.5	6.8	10.0	6.6	8.0
27	11.0	10.5	10.8	---	---	---	7.7	6.8	7.1	8.8	2.8	7.4
28	10.5	9.9	10.1	---	---	---	8.6	6.9	7.5	7.0	2.8	6.0
29	10.7	9.9	10.3	---	---	---	8.0	6.4	7.0	6.8	0.1	4.5
30	---	---	---	---	---	---	8.4	6.2	6.9	7.2	3.8	6.6
31	---	---	---	---	---	---	---	---	---	6.2	4.7	5.4
MONTH	12.3	9.7	10.7	---	---	---	---	---	---	10.0	0.1	5.9

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, TOP
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.0	4.9	6.1	4.9	2.0	4.0	8.0	7.0	7.4	5.8	4.6	5.3
2	7.7	0.1	4.3	4.6	3.3	4.0	8.1	5.4	7.0	6.5	5.5	6.0
3	7.4	0.3	4.9	4.3	3.0	3.8	7.3	5.4	6.4	6.3	5.0	5.6
4	8.0	3.3	6.3	4.3	3.2	3.7	6.9	3.1	4.7	5.4	4.6	5.0
5	6.8	4.3	5.5	4.5	3.6	4.0	6.0	1.9	3.8	5.5	5.0	5.2
6	5.7	1.1	3.2	4.0	0.1	2.1	6.7	3.3	5.5	5.6	4.6	5.1
7	6.4	2.9	4.5	3.8	0.1	1.3	6.2	2.4	4.2	4.8	4.2	4.6
8	5.2	1.4	3.1	4.0	2.1	3.3	4.5	1.3	2.6	5.7	4.2	4.8
9	4.9	1.4	3.1	7.9	2.6	4.9	5.2	2.2	3.5	5.9	4.6	5.2
10	7.5	2.6	4.9	7.6	3.7	5.6	7.1	2.1	4.8	---	---	---
11	6.9	4.5	5.9	8.6	1.1	5.0	7.5	2.6	5.1	---	---	---
12	6.8	3.7	5.7	10.6	2.6	7.7	7.4	4.4	5.9	---	---	---
13	6.1	2.8	5.0	12.6	7.0	10.2	6.8	5.6	6.3	---	---	---
14	6.0	5.1	5.5	11.7	4.0	8.5	6.2	3.2	5.0	---	---	---
15	6.2	5.0	5.6	10.3	4.3	7.6	5.2	3.6	4.5	---	---	---
16	6.8	5.5	6.0	6.9	0.2	3.7	4.8	4.3	4.6	---	---	---
17	6.8	5.8	6.2	6.9	0.3	3.3	5.0	3.8	4.3	---	---	---
18	6.6	6.0	6.3	7.1	4.3	6.2	4.9	3.8	4.4	---	---	---
19	9.3	0.6	7.2	10.4	1.9	6.5	4.6	3.9	4.3	---	---	---
20	7.6	0.7	5.7	8.3	1.6	5.0	5.2	3.8	4.5	---	---	---
21	8.0	3.5	6.2	7.6	0.2	5.5	5.3	4.6	4.9	---	---	---
22	7.2	3.8	5.6	8.9	0.6	4.4	4.9	4.2	4.7	---	---	---
23	8.9	5.7	7.0	9.1	5.1	7.7	4.5	4.0	4.3	5.2	4.1	4.7
24	8.9	3.5	7.0	11.1	5.9	8.0	4.8	3.9	4.3	6.4	4.9	5.7
25	7.3	1.5	4.9	7.7	0.0	4.8	5.0	4.1	4.5	6.4	5.9	6.1
26	7.3	3.5	5.7	8.8	0.0	5.3	4.9	4.0	4.3	6.3	5.8	6.1
27	6.6	2.4	5.0	8.5	5.8	7.6	5.3	3.8	4.6	6.7	6.0	6.3
28	5.8	2.1	4.3	8.6	4.4	6.7	5.3	4.0	4.7	7.0	6.1	6.4
29	5.1	1.5	3.6	7.9	3.0	5.7	5.7	3.8	4.7	7.8	6.2	7.1
30	5.2	2.4	4.4	10.4	6.5	8.3	6.5	5.4	5.9	7.3	6.0	6.7
31	---	---	---	9.4	6.7	8.4	5.9	5.0	5.5	---	---	---
MONTH	9.3	0.1	5.3	12.6	0.0	5.6	8.1	1.3	4.9	---	---	---

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	2.2	0.0	0.2	---	---	---	9.1	7.3	8.2	9.6	3.3	6.9
2	4.8	0.0	2.5	---	---	---	9.2	7.5	8.6	9.5	3.7	6.4
3	5.7	4.1	5.2	---	---	---	9.6	8.5	9.2	9.7	6.0	9.4
4	4.8	4.1	4.6	---	---	---	10.0	8.9	9.3	9.9	9.1	9.6
5	4.8	4.1	4.6	5.4	5.0	5.2	9.9	9.3	9.5	9.8	9.5	9.7
6	5.1	4.3	4.6	5.3	4.8	5.1	10.0	9.2	9.7	9.7	6.7	9.0
7	6.1	3.6	5.0	5.9	4.8	5.4	10.4	9.8	10.1	9.2	6.1	7.9
8	6.3	2.6	4.5	6.6	5.3	5.9	10.3	9.0	9.9	8.3	5.3	6.8
9	6.7	4.0	5.9	7.6	6.3	7.0	9.7	8.1	9.1	7.3	4.7	6.1
10	6.9	6.4	6.7	7.2	4.8	5.7	10.0	8.0	9.1	10.2	6.2	8.7
11	7.1	6.8	6.9	5.0	4.5	4.7	10.5	9.3	10.1	10.4	8.6	9.7
12	7.0	6.1	6.6	6.7	4.5	5.5	10.5	9.5	10.1	10.6	8.8	9.7
13	6.6	3.7	5.8	8.0	6.5	7.3	10.1	9.2	9.6	10.4	8.6	9.6
14	6.3	5.1	5.8	8.7	7.9	8.4	10.2	8.9	9.3	11.1	8.4	9.8
15	6.8	5.8	6.3	8.6	8.1	8.5	9.6	9.1	9.5	11.2	9.2	10.4
16	6.8	6.2	6.5	8.3	7.1	7.7	9.4	9.0	9.1	11.5	10.6	11.1
17	---	---	---	7.2	6.7	7.0	9.5	9.0	9.2	11.3	10.1	10.7
18	---	---	---	7.2	4.8	6.1	9.4	8.8	9.0	11.5	9.8	10.8
19	---	---	---	7.5	5.8	7.0	9.4	8.9	9.1	11.5	10.7	11.2
20	---	---	---	7.6	6.7	7.4	9.8	9.2	9.5	11.8	11.0	11.4
21	---	---	---	7.7	7.3	7.5	9.9	9.6	9.8	11.8	9.9	10.9
22	---	---	---	7.4	6.4	6.8	10.0	9.8	9.9	11.0	9.2	10.2
23	---	---	---	6.5	6.0	6.2	10.2	10.0	10.1	11.5	9.2	10.6
24	---	---	---	6.8	6.1	6.4	10.2	9.7	10.0	11.6	10.5	11.1
25	---	---	---	7.8	6.7	7.3	10.1	9.8	10	12.3	11.2	11.8
26	---	---	---	7.8	6.9	7.5	10.0	9.7	9.8	12.4	12.0	12.2
27	---	---	---	7.0	6.4	6.7	10.0	9.5	9.9	12.4	11.6	12.1
28	---	---	---	8.0	6.5	7.0	9.9	3.2	6.6	12.4	11.4	12.0
29	---	---	---	9.1	7.9	8.6	9.8	3.5	7.8	12.5	11.6	12.1
30	---	---	---	9.2	8.6	9.0	10.2	5.6	9.6	12.3	11.0	11.8
31	---	---	---	---	---	---	9.7	3.8	5.6	12.2	11.3	11.9
MONTH	---	---	---	---	---	---	10.5	3.2	9.2	12.5	3.3	10.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.5	11.1	11.7	9.8	9.4	9.6	7.8	7.2	7.6	7.5	6.1	6.5
2	11.6	10.2	10.9	9.7	9.3	9.5	8.3	7.7	8.0	6.9	6.3	6.6
3	12.1	9.2	10.8	9.4	8.9	9.1	8.6	8.1	8.3	6.9	6.4	6.6
4	12.0	9.3	11.0	9.3	8.6	8.8	8.7	8.0	8.4	6.9	5.9	6.6
5	12.4	9.9	11.5	8.6	8.0	8.3	9.0	8.1	8.6	6.0	5.1	5.5
6	12.3	11.4	12.0	8.1	7.7	7.9	9.3	8.7	9.0	5.4	4.3	4.9
7	11.6	10.9	11.3	7.8	7.3	7.6	9.2	8.4	8.8	4.8	4.3	4.6
8	11.3	10.7	11.0	7.6	6.3	7.2	8.8	8.1	8.4	5.2	4.4	4.8
9	11.6	10.8	11.2	7.7	7.1	7.5	9.3	8.2	8.6	5.0	4.0	4.4
10	11.3	10.8	11.1	8.3	7.3	8.0	9.5	5.2	8.5	4.9	4.3	4.5
11	11.1	10.6	10.8	8.7	8.2	8.5	8.7	4.1	7.4	4.7	4.2	4.4
12	11.0	10.1	10.6	8.6	8.0	8.2	8.6	7.5	8.1	4.7	3.9	4.3
13	10.7	10.1	10.4	8.6	8.1	8.4	7.9	7.0	7.6	---	---	---
14	10.5	9.7	10	8.5	7.9	8.2	7.2	6.6	7.0	---	---	---
15	10.0	8.2	9.6	8.0	7.6	7.8	8.2	7.2	7.7	---	---	---
16	10.7	9.4	10.3	7.9	7.5	7.7	8.3	6.5	7.4	---	---	---
17	10.5	9.9	10.2	8.0	7.6	7.8	7.4	6.7	7.0	---	---	---
18	10.9	9.8	10.3	7.8	7.4	7.6	7.6	7.1	7.4	---	---	---
19	10.7	10.1	10.4	8.1	7.6	7.8	7.8	7.5	7.6	---	---	---
20	10.3	9.4	9.9	8.2	7.6	8.0	7.8	7.0	7.5	---	---	---
21	9.6	9.3	9.4	8.3	7.8	8.0	7.7	7.0	7.3	6.2	0.2	2.6
22	9.6	8.8	9.2	8.7	8.0	8.3	7.7	6.6	7.2	5.3	0.0	0.9
23	9.4	8.7	9.0	8.7	7.8	8.2	7.0	6.2	6.6	8.0	0.1	4.8
24	9.2	8.8	9.0	8.3	7.8	8.0	7.8	6.2	6.8	7.4	3.7	6.0
25	9.3	8.8	9.1	8.4	7.7	8.0	7.0	6.4	6.6	7.1	3.9	6.0
26	9.7	9.1	9.3	8.2	7.6	7.9	6.9	6.2	6.5	6.6	0.7	3.3
27	10.0	9.4	9.7	8.1	7.4	7.8	7.3	6.4	6.8	1.9	0.0	0.7
28	9.4	8.9	9.1	8.0	7.2	7.7	7.3	6.5	6.9	0.7	0.0	0.3
29	9.6	8.9	9.3	8.3	7.8	8.0	7.7	6.2	6.6	2.1	0.0	0.2
30	---	---	---	8.2	7.6	7.9	8.0	6.2	6.6	6.0	0.0	2.4
31	---	---	---	8.7	7.2	7.6	---	---	---	4.6	0.9	3.0
MONTH	12.5	8.2	10.3	9.8	6.3	8.1	9.5	4.1	7.6	---	---	---

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	4.2	0.0	1.3	2.1	0.0	0.5	8.8	0.9	6.0	---	---	---
2	3.7	0.0	0.3	2.2	0.0	0.4	7.4	1.9	4.0	---	---	---
3	2.8	0.0	0.3	0.4	0.0	0.1	6.5	2.4	5.4	---	---	---
4	8.3	0.0	2.6	1.2	0.0	0.1	4.7	0.8	2.5	---	---	---
5	5.8	2.5	4.2	3.5	0.0	0.9	2.6	0.4	0.8	---	---	---
6	3.1	1.2	1.9	0.1	0.0	0.0	4.8	0.4	1.9	---	---	---
7	2.3	0.1	0.8	0.5	0.0	0.1	2.3	0.6	1.2	---	---	---
8	0.5	0.0	0.1	2.6	0.0	0.4	0.8	0.6	0.6	---	---	---
9	1.3	0.0	0.3	0.7	0.0	0.1	0.8	0.6	0.7	---	---	---
10	3.8	0.0	0.6	0.2	0.1	0.1	1.6	0.6	0.7	---	---	---
11	4.8	0.0	0.5	0.1	0.1	0.1	3.8	0.6	1.0	---	---	---
12	3.5	0.0	1.0	2.0	0.1	0.4	5.7	0.2	1.8	---	---	---
13	4.6	0.0	1.4	2.1	0.1	0.3	7.0	0.5	4.7	---	---	---
14	6.2	1.5	4.0	0.4	0.0	0.1	6.2	0.8	4.0	---	---	---
15	5.7	4.4	5.2	0.2	0.0	0.0	5.0	2.6	3.8	---	---	---
16	6.8	5.3	6.0	0.0	0.0	0.0	5.0	2.2	3.9	---	---	---
17	6.7	5.9	6.2	0.1	0.0	0.0	4.6	0.1	3.1	---	---	---
18	7.5	5.6	6.4	1.5	0.0	0.1	4.7	3.7	4.1	---	---	---
19	7.3	0.1	2.5	0.1	0.0	0.0	4.3	3.5	3.9	---	---	---
20	0.3	0.1	0.1	0.3	0.0	0.0	4.8	3.5	4.1	---	---	---
21	1.2	0.1	0.2	2.5	0.0	0.2	5.0	4.4	4.6	---	---	---
22	5.9	0.1	2.0	0.6	0.1	0.1	4.8	4.1	4.5	---	---	---
23	6.4	0.2	2.6	6.6	0.1	0.7	4.2	0.0	2.2	5.1	3.8	4.4
24	1.4	0.0	0.2	4.3	0.1	0.9	0.2	0.0	0.0	6.1	4.1	5.4
25	3.5	0.0	0.6	0.1	0.1	0.1	4.2	0.0	1.9	6.2	4.0	5.5
26	5.2	0.8	2.7	0.1	0.1	0.1	4.2	3.0	3.8	6.2	5.6	5.9
27	2.9	0.0	0.9	5.1	0.1	1.2	5.1	3.7	4.5	6.4	5.5	6.0
28	1.9	0.0	0.4	7.0	0.1	3.4	5.0	3.6	4.2	7.1	5.8	6.4
29	1.8	0.1	0.7	7.2	0.8	3.7	5.3	3.5	4.3	7.3	6.2	6.8
30	1.4	0.0	0.3	6.3	0.3	2.3	6.0	5.0	5.4	6.6	5.5	6.2
31	---	---	---	9.2	0.2	3.3	5.1	4.4	4.8	---	---	---
MONTH	8.3	0.0	1.9	9.2	0.0	0.6	8.8	0.0	3.2	---	---	---

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, TOP
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	48	33	41	60	56	58	89	80	85	88	83	86
2	57	43	48	65	58	60	89	84	87	88	84	86
3	62	53	57	66	59	62	88	85	87	90	85	87
4	56	48	52	62	54	58	92	82	85	93	87	90
5	59	48	53	61	53	56	92	88	89	95	89	92
6	57	48	53	57	50	55	92	88	90	95	84	91
7	68	54	62	63	54	58	93	90	91	87	81	84
8	68	58	64	69	55	63	92	86	90	87	81	84
9	74	62	68	77	64	71	88	85	86	84	67	81
10	79	72	76	72	48	57	92	85	87	88	80	83
11	80	73	77	50	44	47	97	88	94	86	80	83
12	76	72	75	67	48	56	97	87	94	90	80	85
13	77	66	73	80	64	72	91	83	87	90	85	87
14	72	63	67	84	77	80	92	80	85	92	85	89
15	74	64	69	83	77	80	86	82	84	92	87	90
16	75	68	71	80	69	73	84	77	80	94	89	91
17	69	55	62	71	67	70	83	77	81	95	88	92
18	71	59	65	79	69	73	83	76	79	96	89	93
19	76	66	69	84	73	79	82	76	79	96	91	94
20	73	63	68	85	77	83	85	77	80	96	91	93
21	76	64	70	89	78	82	83	80	81	95	90	93
22	83	70	77	78	70	74	85	80	83	95	89	92
23	82	72	78	72	65	69	88	82	85	94	89	92
24	85	77	81	76	67	70	89	85	87	95	90	92
25	85	78	82	83	74	80	89	84	86	96	91	94
26	82	74	77	83	72	78	87	82	84	96	93	95
27	79	75	77	73	68	70	86	82	84	96	91	94
28	80	75	77	85	68	75	88	82	85	97	89	93
29	81	76	78	90	83	87	88	83	86	96	90	94
30	77	63	70	90	86	88	92	85	88	97	91	94
31	65	57	60	---	---	---	90	84	87	93	87	90
MONTH	85	33	68	90	44	69	97	76	86	97	67	90
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	93	90	92	95	86	90	---	---	---	90	74	78
2	95	90	92	98	89	93	---	---	---	82	72	79
3	95	91	93	98	91	94	---	---	---	80	75	78
4	96	92	94	97	89	94	---	---	---	82	68	76
5	95	92	94	96	88	92	---	---	---	69	58	63
6	97	93	95	94	86	90	---	---	---	63	53	58
7	97	93	95	94	86	89	---	---	---	60	53	56
8	94	89	91	87	74	81	---	---	---	66	56	61
9	93	88	91	86	80	82	---	---	---	63	51	56
10	93	90	92	85	80	83	---	---	---	62	54	57
11	93	89	91	87	81	84	---	---	---	60	53	56
12	91	84	89	85	79	82	---	---	---	60	50	54
13	90	86	88	88	81	84	---	---	---	60	49	54
14	89	84	86	84	79	83	---	---	---	57	48	52
15	86	83	84	83	78	80	---	---	---	60	49	54
16	89	83	86	81	78	80	---	---	---	65	52	56
17	86	83	84	80	76	78	---	---	---	72	51	59
18	90	84	86	77	73	75	---	---	---	78	57	63
19	91	84	88	80	74	76	---	---	---	84	58	68
20	95	85	89	83	76	78	---	---	---	94	63	76
21	96	89	93	81	75	78	---	---	---	91	75	84
22	98	88	93	81	77	79	---	---	---	108	80	90
23	95	86	91	80	75	77	86	76	81	110	86	94
24	92	88	89	79	74	77	93	75	82	105	84	93
25	92	87	89	80	75	77	83	76	79	120	82	96
26	91	87	89	---	---	---	82	74	78	131	85	103
27	91	86	89	---	---	---	89	78	82	115	35	95
28	86	80	83	---	---	---	100	78	85	91	35	76
29	91	81	86	---	---	---	91	73	79	86	1	56
30	---	---	---	---	---	---	97	70	79	88	48	81
31	---	---	---	---	---	---	---	---	---	78	58	68
MONTH	98	80	90	---	---	---	---	---	---	131	1	71

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, TOP—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	100	62	76	63	25	51	106	91	97	72	57	66
2	97	1	54	58	41	51	106	71	92	81	67	73
3	94	4	62	54	37	47	95	70	83	77	62	69
4	103	42	81	55	40	47	90	41	61	68	57	62
5	87	54	69	59	46	51	79	25	50	69	62	65
6	73	14	40	52	1	27	86	42	70	70	56	63
7	81	37	58	51	1	17	78	30	53	59	51	55
8	67	18	40	53	27	44	57	17	33	70	51	59
9	63	18	40	107	34	65	66	27	44	72	57	64
10	97	33	62	103	49	75	91	27	61	---	---	---
11	91	57	75	116	14	66	96	33	65	---	---	---
12	85	46	71	141	34	101	94	55	74	---	---	---
13	75	35	62	170	93	135	84	70	78	---	---	---
14	74	62	67	157	53	113	77	39	62	---	---	---
15	78	60	69	139	57	101	63	44	54	---	---	---
16	85	68	74	92	3	49	58	51	55	---	---	---
17	86	72	77	90	4	43	61	45	52	---	---	---
18	84	75	79	92	57	81	59	45	52	---	---	---
19	125	8	94	140	25	86	56	47	51	---	---	---
20	100	9	73	107	21	64	65	46	56	---	---	---
21	104	44	78	101	3	71	66	56	61	---	---	---
22	93	48	72	118	8	58	61	52	58	---	---	---
23	118	73	91	120	67	101	56	49	52	62	47	54
24	117	45	90	148	76	104	60	47	52	75	58	67
25	96	19	63	101	0	62	62	50	55	75	68	72
26	95	45	73	116	0	69	60	49	53	74	67	71
27	84	31	64	113	77	101	66	46	57	80	70	74
28	75	27	55	115	58	88	66	49	58	83	72	76
29	66	19	45	102	39	74	72	48	59	97	73	85
30	68	31	56	136	84	107	81	67	73	88	71	80
31	---	---	---	124	87	110	75	62	68	---	---	---
MONTH	125	1	67	170	0	73	106	17	61	---	---	---

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

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

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	52	0	16	27	0	6	117	12	78	---	---	---
2	46	0	4	28	0	5	97	25	53	---	---	---
3	35	0	4	5	0	0	85	31	70	---	---	---
4	106	0	32	15	0	2	61	10	32	---	---	---
5	74	31	53	44	0	11	34	5	10	---	---	---
6	39	15	24	1	0	0	62	5	25	---	---	---
7	29	1	10	6	0	1	30	8	15	---	---	---
8	6	0	0	34	0	5	10	8	8	---	---	---
9	16	0	4	9	0	2	10	8	9	---	---	---
10	48	0	8	3	1	1	20	8	9	---	---	---
11	61	0	7	1	1	1	48	8	13	---	---	---
12	44	0	12	26	1	4	72	3	22	---	---	---
13	58	0	17	28	1	4	88	6	59	---	---	---
14	76	19	49	5	0	0	77	10	49	---	---	---
15	69	53	64	3	0	0	60	32	46	---	---	---
16	85	65	74	0	0	0	60	27	47	---	---	---
17	83	73	77	1	0	0	55	1	37	---	---	---
18	95	70	80	19	0	0	57	44	49	---	---	---
19	92	1	31	1	0	0	52	42	47	---	---	---
20	4	1	1	4	0	0	59	42	50	---	---	---
21	15	1	2	32	0	2	63	54	57	---	---	---
22	76	1	26	8	1	1	59	50	55	---	---	---
23	82	3	34	86	1	9	52	0	26	60	44	51
24	18	0	2	56	1	11	2	0	0	71	48	63
25	45	0	8	1	1	1	52	0	23	73	47	65
26	67	10	35	1	1	1	52	37	47	73	65	69
27	37	0	11	68	1	16	63	45	55	75	64	70
28	24	0	5	93	1	45	62	44	52	84	68	75
29	23	1	8	93	10	48	67	43	54	86	73	80
30	18	0	4	82	4	30	74	62	67	79	65	73
31	---	---	---	121	3	43	63	54	59	---	---	---
MONTH	106	0	23	121	0	8	117	0	39	---	---	---