

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. The monitor was removed on September 11, 2005 to prevent possible destruction during Hurricane Ophelia. It was reinstalled on September 19, 2005. Top constituents were monitored at 8 feet above the streambed, and bottom constituents, 2 feet above the streambed. Salinity and dissolved oxygen, percent saturation are computed. The salinity is computed from specific conductance using the conversion from U.S. Geological Survey Water-Supply Paper 2311. The dissolved oxygen percent saturation is computed using a barometric pressure of 760mm of Hg beginning October 1, 2000. Daily records of salinity and water temperature for October 1956 to September 1967 are available in the files of the USGS Water Science Center, Raleigh, NC.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY (TOP), ppt	21.8, August 1, 2002	<0.1, on many days during the period
SALINITY (BOTOM), ppt	22.1, August 1, 2002	<0.1, on many days during the period
pH (TOP), standard units	9.9, June 6, 7, 1999	5.7, September 29, 30, 1999, October 9, 14, 15, 1999
pH (BOTTOM), standard units	9.7, July 10, 11, 1997	4.9, October 13, 15-17, 1999
WATER TEMPERATURE (TOP), °C	34.1, July 28, 2005	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	10.6, August 24	.04, on many days during the year
SALINITY (BOTTOM), ppt	11.1, June 20	.04, on many days during the year
pH (TOP), standard units	9.2, September 1	6.5, May 10, 11, 12, 14, 15
pH (BOTTOM), standard units	9.0, June 12	6.3, May 11, 14, 15
WATER TEMPERATURE (TOP), °C	34.1, July 28	1.8, January 24
WATER TEMPERATURE (BOTTOM), °C	30.8, July 29, 30	2.7, January 24
DISSOLVED OXYGEN (TOP), mg/L	14.2, September 1	0.0, August 18
DISSOLVED OXYGEN (BOTTOM), mg/L	12.6, December 27	0.0, on many days during the year
DISSOLVED OXYGEN, PERCENT SATURATION (TOP),%	194, September 1	0, August 18
DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM),%	137, June 12	0, on many days during the year

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

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

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

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

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

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

NEUSE RIVER BASIN

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

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

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

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

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

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

NEUSE RIVER BASIN

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

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

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

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

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

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

NEUSE RIVER BASIN

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

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

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

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

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

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

NEUSE RIVER BASIN

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

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

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

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

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

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

NEUSE RIVER BASIN

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

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

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

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

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

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

NEUSE RIVER BASIN

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

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

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

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

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

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

NEUSE RIVER BASIN

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

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

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

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

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

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

NEUSE RIVER BASIN

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

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

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

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

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

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

NEUSE RIVER BASIN

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

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

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

02092162 NEUSE RIVER AT NEW BERN, NC—Continued

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

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