

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC

LOCATION.--Lat. 34°56'55", long. 76°48'35", Craven County, Hydrologic Unit 03020204, at U.S. Coast Guard Channel Light 9.

PERIOD OF RECORD.--May 1989 to July 1993, 1996 to current year.

PERIOD OF DAILY RECORD.--

SALINITY (TOP AND BOTTOM): May 1989 to July 1993, June 1996 to current year

pH (TOP AND BOTTOM): June 1996 to current year.

WATER TEMPERATURE (TOP): May 1989 to July 1993, June 1996 to current year.

WATER TEMPERATURE (BOTTOM): June 1996 to current year.

DISSOLVED OXYGEN (TOP AND BOTTOM): May 1989 to July 1993, June 1996 to current year.

DISSOLVED OXYGEN (MID): May 1989 to July 1993.

DISSOLVED OXYGEN, PERCENT SATURATION (TOP AND BOTTOM): May 1989 to July 1993, June 1996 to current year.

DISSOLVED OXYGEN, PERCENT SATURATION (MID): May 1989 to July 1993.

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

REMARKS.--Station operated in cooperation with the North Carolina Department of Environment and Natural Resources. The monitor was removed August 29, 1999 to prevent possible destruction of the equipment during Hurricanes Dennis and Floyd. It was reinstalled on October 5, 1999. The monitor was removed on September 15, 2003 to prevent possible destruction of the equipment during Hurricane Isabel. It was reinstalled on September 26, 2003. The monitor was removed on September 11, 2005 to prevent possible destruction during Hurricane Ophelia. It was reinstalled on September 20, 2005. Prior to June 1996, top constituents were monitored at 8 ft above streambed, mid constituents at 6 ft above streambed and bottom constituents, 2 ft above streambed. Beginning in June 1996, top constituents were monitored at 8 ft above streambed and bottom constituents, 2 ft above streambed. Salinity and dissolved oxygen, percent saturation are computed. The salinity is computed from specific conductance using the conversion from U.S. Geological Survey Water-Supply Paper 2311. The dissolved oxygen percent saturation is computed using a barometric pressure of 760mm of Hg beginning October 1, 2000.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY(TOP), ppt	23.6, August 28, 2002	<0.1, on many days during the period
SALINITY(BOTTOM), ppt	27.8, August 18, 2002	<0.1, on many days during the period
pH(TOP), standard units	10.4, April 19, 1999	4.3, June 13, 1997
pH(BOTTOM), standard units	9.3, March 12, 13, 14, 16-20, 1999	5.7, April 21, 2004
WATER TEMPERATURE (TOP), °C	32.7, July 27, 2005	0.2, January 25, 2003
WATER TEMPERATURE (BOTTOM), °C	31.4, July 29, 1999, July 28, 2005	0.8, January 25, 2003
DISSOLVED OXYGEN (TOP), mg/L	20.7, April 10, 1991	< 1.0, on many days during the period
DISSOLVED OXYGEN (BOTTOM), mg/L	16.8, April 26, 1991	< 1.0, on many days during the period

EXTREMES FOR CURRENT YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY (TOP), ppt	13.5, September 11	0.9, April 11
SALINITY (BOTTOM), ppt	15.3, August 17	1.6, April 16, 17
pH (TOP), standard units	9.1, December 7	6.8, June 11, 12
pH (BOTTOM), standard units	8.7, October 24, 27, December 19, February 17	6.7, May 12, 20, 29, 30
WATER TEMPERATURE (TOP), °C	32.7, July 27	2.4, January 29
WATER TEMPERATURE (BOTTOM), °C	31.4, July 28	2.5, January 29
DISSOLVED OXYGEN (TOP), mg/L	16.0, December 31	0.1, August 8
DISSOLVED OXYGEN (BOTTOM), mg/L	13.4, February 2	0.0, on several days during the year
DISSOLVED OXYGEN, PERCENT SATURATION (TOP),%	154, August 3	1, August 8
DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM),%	129, September 23	0, on several days during the year

NEUSE RIVER BASIN

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.0	3.2	4.6	8.8	6.7	7.0	9.7	7.2	8.3	7.6	5.6	6.2
2	4.2	2.5	3.2	8.6	6.8	7.4	8.3	8.0	8.2	9.3	5.3	6.9
3	4.9	2.5	2.9	9.0	7.3	7.9	8.1	7.5	7.8	9.3	5.3	7.6
4	5.2	2.7	3.6	10.2	8.6	9.3	7.5	6.6	7.1	8.6	3.4	5.0
5	3.2	2.5	2.8	9.8	9.1	9.4	6.7	4.6	5.7	7.5	4.4	6.0
6	3.7	2.8	3.1	9.5	9.1	9.2	6.2	4.8	5.4	11.8	6.5	9.4
7	4.6	3.2	3.7	9.5	8.9	9.2	10.6	3.9	6.2	11.8	9.1	10.7
8	5.0	3.2	4.0	9.3	7.9	8.6	9.7	5.1	7.9	12.2	10.9	11.7
9	5.0	3.2	3.5	9.2	8.6	8.9	9.5	6.8	8.4	12.0	11.7	11.9
10	4.1	3.1	3.3	9.2	8.6	8.8	9.5	6.4	8.8	12.0	8.6	11.1
11	4.2	3.1	3.3	9.1	8.9	9.0	9.6	7.1	8.5	11.9	8.3	10.7
12	3.4	2.6	3.0	9.7	8.9	9.2	8.5	6.0	8.0	11.9	8.0	10.2
13	5.2	2.6	3.9	9.5	8.8	9.1	7.5	6.0	6.9	12.0	9.3	11.3
14	5.2	3.9	4.4	9.7	8.5	9.0	7.6	6.9	7.2	12.0	10.6	11.6
15	5.7	4.0	4.4	8.5	7.5	7.9	7.2	6.5	6.9	12.0	11.1	11.5
16	7.2	4.5	5.9	8.1	6.8	7.2	7.5	6.8	7.1	11.9	8.2	9.9
17	5.9	4.3	4.9	8.3	7.1	7.8	7.8	7.3	7.5	9.2	7.6	8.3
18	6.7	4.3	5.4	8.0	6.2	6.8	8.6	7.3	7.8	9.6	8.2	8.9
19	9.8	5.5	7.2	10.0	5.8	7.7	8.3	7.2	7.6	9.8	8.0	8.8
20	8.1	6.0	6.9	10.9	6.4	9.2	10.6	7.0	8.2	9.3	7.5	8.4
21	6.7	6.1	6.4	11.3	7.1	9.0	9.5	7.7	8.5	8.6	7.1	7.8
22	7.2	5.9	6.3	11.1	7.5	9.0	9.7	8.1	8.9	8.6	7.3	7.8
23	6.5	5.1	5.8	9.5	8.6	9.0	9.8	8.9	9.4	8.4	7.0	7.7
24	5.9	4.8	5.3	9.3	8.8	9.1	9.7	9.0	9.3	7.5	6.4	6.9
25	6.5	5.0	5.6	11.8	8.8	9.8	9.7	7.8	9.1	9.2	7.1	7.8
26	7.3	5.1	6.3	10.1	8.5	9.4	8.5	6.3	7.6	8.5	7.8	8.0
27	7.3	5.5	6.4	8.8	8.0	8.3	7.6	5.8	6.6	8.5	8.0	8.2
28	6.7	6.2	6.4	8.8	7.4	7.9	9.1	6.0	7.6	8.4	6.5	7.5
29	7.5	6.6	7.0	9.4	7.8	8.5	8.3	6.1	7.6	7.0	4.4	5.6
30	7.1	6.7	6.9	8.3	7.6	7.9	8.7	5.6	6.7	7.6	5.6	6.3
31	7.1	6.7	6.9	---	---	---	8.6	5.8	7.2	6.9	6.2	6.7
MONTH	9.8	2.5	4.9	11.8	5.8	8.6	10.6	3.9	7.7	12.2	3.4	8.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.6	5.7	5.9	8.3	7.0	7.6	6.0	1.4	2.8	9.1	7.1	8.2
2	6.2	5.1	5.8	7.6	7.1	7.4	7.2	2.1	4.0	8.9	8.1	8.4
3	6.7	5.3	5.6	7.5	6.4	6.9	4.3	2.2	2.7	8.8	8.0	8.4
4	5.8	4.3	4.9	6.7	5.8	6.2	4.1	2.1	2.6	9.0	7.6	8.9
5	5.5	4.1	4.7	7.2	5.9	6.6	4.9	1.6	2.5	9.8	9.0	9.3
6	5.7	4.5	5.0	7.1	5.5	6.1	3.8	1.6	2.1	10.8	6.4	9.2
7	5.2	4.5	4.8	7.3	5.4	6.1	6.2	1.4	3.2	8.3	6.3	7.1
8	6.4	4.9	5.5	9.5	6.2	7.6	5.6	2.3	3.8	7.7	5.6	6.5
9	7.3	4.9	5.5	8.0	7.1	7.4	5.6	3.0	4.1	7.6	5.4	6.1
10	8.8	4.8	5.7	7.9	6.6	7.3	3.8	1.6	2.2	7.7	6.7	7.2
11	9.1	5.4	7.2	7.9	6.1	6.8	2.6	0.9	1.6	7.3	5.9	6.6
12	9.1	7.4	7.9	8.0	7.0	7.5	4.6	2.4	3.5	6.5	5.1	5.7
13	9.7	6.2	7.4	8.1	6.4	7.6	4.8	2.8	4.1	7.1	5.8	6.6
14	9.5	7.3	8.1	8.2	7.6	7.9	5.7	3.7	4.6	6.7	5.3	6.1
15	8.1	7.1	7.5	8.0	4.4	6.7	7.9	2.7	4.3	5.7	3.6	4.9
16	7.9	5.4	7.0	8.0	4.9	6.7	4.1	1.5	2.6	6.2	4.3	5.3
17	7.8	5.2	6.0	9.0	6.2	7.7	2.7	1.1	1.6	6.8	5.5	6.2
18	8.0	5.3	6.1	6.4	3.8	5.0	2.3	1.5	1.9	6.7	5.8	6.1
19	7.9	5.5	6.4	6.4	3.7	5.1	3.0	1.2	1.7	6.2	5.2	5.6
20	8.0	6.2	7.0	5.0	3.8	4.5	4.5	1.5	2.4	5.9	4.9	5.5
21	8.1	6.8	7.5	6.1	3.4	3.8	8.0	2.6	3.9	6.4	5.3	5.6
22	8.3	7.8	8.0	6.5	4.0	5.4	8.0	3.6	5.6	5.7	4.2	4.6
23	8.8	8.1	8.3	5.9	4.7	5.4	11.3	6.7	9.3	5.2	4.2	4.7
24	9.0	8.2	8.6	5.9	4.9	5.4	8.9	5.9	7.8	5.9	4.2	4.9
25	8.5	7.5	8.0	6.2	4.5	5.5	8.6	6.7	7.4	5.6	4.0	4.5
26	7.7	7.0	7.4	5.6	4.5	5.0	10.1	4.5	7.3	5.0	3.7	4.2
27	8.9	7.1	7.7	5.2	3.7	4.5	8.1	5.9	6.9	5.0	3.7	4.4
28	10.2	7.5	8.6	5.0	3.4	4.1	8.1	6.4	7.3	5.4	4.3	4.9
29	---	---	---	4.2	3.3	3.6	8.0	5.9	6.8	5.3	4.2	4.6
30	---	---	---	5.1	2.9	3.6	10.0	7.3	8.1	5.7	3.8	4.2
31	---	---	---	4.4	1.6	3.4	---	---	---	6.2	4.1	5.3
MONTH	10.2	4.1	6.7	9.5	1.6	5.9	11.3	0.9	4.3	10.8	3.6	6.1

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.0	5.2	6.2	9.2	7.3	7.9	9.6	9.0	9.3	10.5	10.2	10.3
2	7.6	5.2	6.3	9.0	7.6	8.0	9.1	7.5	8.4	10.5	10	10.2
3	5.9	4.9	5.3	9.3	8.1	8.6	9.1	6.8	7.9	11.1	9.6	10.1
4	6.0	4.5	5.2	9.5	8.6	9.0	7.6	5.4	6.7	11.2	10.7	11.0
5	7.1	4.1	4.9	9.2	8.3	8.7	8.6	5.8	6.8	12.0	10.8	11.4
6	6.2	4.6	5.3	9.2	7.8	8.2	9.5	6.9	8.0	13.0	11.5	12.3
7	8.6	4.4	5.8	8.2	7.1	7.8	9.9	7.2	8.5	13.1	11.1	11.8
8	8.5	4.9	6.0	9.2	6.5	7.6	9.8	7.9	8.9	11.8	10.8	11.3
9	9.8	6.8	8.2	8.5	6.8	7.5	8.7	7.0	7.8	11.7	10.6	11.1
10	9.9	8.0	8.8	8.8	7.3	7.8	7.8	6.6	7.2	13.3	11.1	12.4
11	9.0	7.0	8.3	8.1	6.8	7.3	8.0	6.1	6.7	---	---	---
12	8.8	6.7	7.7	7.8	6.4	6.9	10.0	5.8	7.1	---	---	---
13	8.6	6.7	7.2	9.8	6.2	7.4	9.7	5.9	8.0	---	---	---
14	7.3	6.3	6.8	9.8	8.2	9.0	10.2	7.3	8.2	---	---	---
15	7.5	5.9	6.7	9.8	8.3	8.8	9.5	5.5	7.0	---	---	---
16	8.8	5.6	7.3	9.1	8.5	8.8	10.2	5.2	6.9	---	---	---
17	9.4	6.4	7.9	9.7	8.0	8.6	9.3	5.3	6.4	---	---	---
18	9.2	7.1	8.2	9.7	7.6	8.3	8.1	5.5	6.9	---	---	---
19	10.1	9.1	9.6	9.0	7.5	8.1	8.5	7.9	8.2	---	---	---
20	10.1	9.0	9.6	8.5	7.0	7.5	10	7.5	8.0	---	---	---
21	9.6	6.5	8.1	8.6	6.7	7.8	9.2	7.5	8.0	11.0	9.2	10.3
22	8.1	6.7	7.5	9.5	7.5	8.4	10	7.4	8.3	11.0	10.4	10.7
23	9.3	8.0	8.4	9.9	7.6	8.8	11.4	7.6	8.4	10.7	9.2	9.8
24	9.5	8.7	9.2	9.8	8.8	9.1	9.8	7.7	8.7	10.6	8.8	9.5
25	9.8	9.0	9.4	9.7	8.9	9.3	10.9	9.3	10.3	11.8	10.6	11.2
26	9.5	7.9	8.7	9.8	8.7	9.2	11.5	10.6	11.0	10.7	10.0	10.4
27	9.3	8.0	8.3	9.4	7.8	8.6	11.5	9.5	10.5	10.7	9.6	10.2
28	9.9	8.1	8.5	9.5	7.6	8.4	11.3	9.8	10.7	11.1	10.7	11.0
29	10.2	8.2	9.0	10.2	9.5	9.9	11.3	9.9	10.6	11.1	9.7	10.3
30	9.2	7.5	8.2	10.1	9.4	9.8	10.8	9.3	9.9	11.3	9.8	10.7
31	---	---	---	9.8	9.2	9.5	10.4	9.7	10.1	---	---	---
MONTH	10.2	4.1	7.6	10.2	6.2	8.4	11.5	5.2	8.4	---	---	---

NEUSE RIVER BASIN

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.1	2.3	5.2	11.8	8.9	10.3	10.6	7.8	9.2	12.1	9.5	10.8
2	6.5	2.3	4.8	11.7	8.6	10.9	9.2	8.0	8.4	12.4	10.3	11.6
3	7.1	3.2	5.9	12.4	8.0	10.7	9.0	7.7	8.1	12.5	9.5	11.4
4	8.2	2.8	6.3	11.5	8.9	9.9	9.8	7.5	9.0	13.1	10.5	12.5
5	8.3	3.2	6.8	9.9	9.0	9.5	10.2	7.9	9.3	13.4	10.9	12.8
6	7.0	3.1	4.2	10.2	9.0	9.4	12.0	9.4	11.0	14.1	11.7	13.2
7	7.0	3.2	4.1	9.6	8.9	9.2	12.2	9.2	11.7	14.1	10.7	12.4
8	5.4	3.3	4.2	10.1	8.0	9.1	11.5	8.5	10.4	13.3	11.5	12.1
9	5.1	3.3	4.0	10.7	8.6	9.0	11.4	9.9	10.8	12.1	11.7	11.9
10	5.8	3.2	3.9	10.7	8.5	9.0	12.2	8.5	10.3	12.0	11.2	11.7
11	6.0	3.2	4.2	9.4	8.8	9.0	11.7	8.4	9.4	12.0	10.9	11.7
12	5.7	3.6	4.7	10.4	9.0	9.5	9.5	7.1	8.3	12.0	11.1	11.6
13	8.2	3.8	6.1	9.5	8.8	9.2	11.3	7.0	7.7	12.1	11.5	11.8
14	10.6	4.2	6.8	9.6	8.5	9.1	8.4	7.0	7.4	11.8	10.7	11.5
15	12.1	5.0	9.5	9.1	7.8	8.3	9.0	6.4	7.2	11.8	10.9	11.4
16	8.5	5.0	6.9	10.4	7.6	8.9	11.2	6.9	8.5	12.0	8.8	10.3
17	10.9	4.7	7.0	10.4	8.4	9.5	12.4	8.6	10.6	10.4	7.7	9.0
18	12.0	8.0	10.2	11.1	8.2	10.3	12.4	7.8	9.8	11.1	8.4	9.8
19	12.2	6.9	10.5	11.7	10.4	11.0	11.9	7.3	9.6	12.1	8.5	9.9
20	13.0	7.7	10.7	12.4	10.6	11.7	10.7	7.0	8.7	11.3	8.1	9.6
21	7.7	6.2	6.8	12.8	11.2	12.2	10.2	8.5	9.3	11.4	7.6	9.5
22	8.5	5.9	6.5	12.7	10.0	11.4	10.7	9.0	9.8	9.9	7.2	8.5
23	8.1	5.1	6.2	12.1	9.5	10.7	10.7	9.1	9.8	8.4	6.9	7.6
24	7.6	5.4	6.4	11.7	9.2	10.5	10	9.2	9.4	9.3	6.4	7.5
25	8.8	6.5	7.8	12.6	9.0	10.1	10.2	8.0	9.4	9.8	7.1	8.5
26	8.1	6.7	7.4	10.6	9.0	9.7	8.5	6.4	7.7	9.8	8.0	9.0
27	7.8	6.6	7.4	10.6	8.1	9.7	10.0	6.4	8.0	10.0	7.9	8.4
28	9.4	7.2	8.1	10.5	7.5	9.0	10.7	7.1	9.1	8.9	6.4	7.7
29	8.3	7.1	7.7	10.4	8.3	9.3	10.1	7.1	8.5	9.2	5.2	7.7
30	9.2	7.0	7.8	10.4	7.8	9.0	10.5	7.1	9.7	9.0	5.7	7.4
31	10.9	7.0	9.0	---	---	---	11.3	9.5	10.3	8.6	6.4	6.9
MONTH	13.0	2.3	6.7	12.8	7.5	9.8	12.4	6.4	9.2	14.1	5.2	10.2
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.7	5.6	6.2	8.9	7.0	7.8	8.9	4.7	6.2	9.7	7.7	8.7
2	7.5	5.4	6.0	7.8	7.2	7.4	9.2	2.3	4.8	9.3	8.5	8.9
3	7.3	5.3	6.0	8.6	6.5	7.1	5.5	2.2	2.9	9.2	8.2	8.6
4	6.2	4.4	5.0	9.5	6.1	8.2	5.1	2.6	3.3	9.2	8.8	9.0
5	7.8	4.7	6.2	10.2	6.5	7.6	7.6	3.5	5.4	9.8	9.0	9.3
6	7.3	4.9	6.0	8.6	5.7	6.8	8.2	3.0	5.9	10.7	6.3	9.2
7	7.8	5.5	6.2	11.2	6.1	7.5	9.8	7.0	8.0	9.0	6.2	7.7
8	7.8	5.7	6.5	9.7	6.5	7.9	9.8	4.1	6.9	8.4	6.4	7.3
9	11.4	6.8	8.9	8.3	7.1	7.5	6.5	3.3	4.6	8.4	5.9	7.5
10	11.6	5.4	8.7	8.3	6.8	7.5	6.8	2.4	4.0	8.3	7.1	7.6
11	11.1	5.5	8.7	8.1	6.3	7.2	7.5	2.8	4.8	7.8	6.7	7.2
12	12.3	7.7	9.2	8.1	7.1	7.7	6.5	2.8	4.1	8.6	5.7	7.0
13	12.8	8.1	11.0	9.2	7.3	8.1	5.0	3.1	4.2	7.6	6.1	6.7
14	11.4	8.4	9.7	8.8	7.8	8.0	5.7	3.7	4.6	7.3	5.8	6.5
15	11.3	8.9	9.8	8.2	6.4	7.7	7.8	2.8	4.4	8.4	5.5	6.8
16	12.4	7.5	10.4	8.6	6.4	7.3	4.1	1.6	2.9	8.9	5.3	6.8
17	11.6	6.0	8.3	9.7	6.5	7.9	4.6	1.6	2.9	6.7	5.6	6.2
18	9.5	5.6	7.5	7.5	5.2	6.4	7.6	2.0	4.3	6.6	5.9	6.2
19	12.7	6.8	8.3	7.5	5.6	6.6	10.4	5.7	8.6	6.3	5.3	5.8
20	10.5	7.1	8.5	8.4	4.8	6.5	11.5	9.3	10.7	6.7	5.1	5.7
21	11.3	7.1	8.4	9.8	4.5	7.7	11.6	4.0	10	6.5	5.3	5.7
22	12.2	7.9	8.6	9.6	4.9	6.4	12.7	7.9	10.6	6.3	4.2	5.0
23	10	8.1	8.4	7.5	5.2	5.7	13.2	7.9	10.9	6.8	4.2	5.1
24	9.2	8.2	8.7	6.5	5.2	5.8	10.6	7.2	8.4	7.2	4.3	5.5
25	8.5	7.5	8.1	6.4	5.3	5.8	8.6	6.7	7.6	6.6	4.2	5.2
26	8.6	7.3	7.7	6.0	4.9	5.3	12.4	6.7	9.7	6.4	3.7	5.0
27	8.9	7.1	8.0	5.8	4.2	4.9	12.4	7.1	9.2	6.7	4.4	5.2
28	10.2	7.5	8.7	6.4	3.5	4.6	9.8	7.0	8.1	8.0	4.5	5.8
29	---	---	---	4.5	3.3	3.8	12.0	6.4	8.4	8.4	4.6	6.5
30	---	---	---	6.4	3.7	5.1	11.6	7.7	9.7	9.1	6.4	7.8
31	---	---	---	5.3	3.4	4.2	---	---	---	7.8	4.7	6.0
MONTH	12.8	4.4	8.0	11.2	3.3	6.7	13.2	1.6	6.5	10.7	3.7	6.8

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.3	5.1	6.2	11.8	7.9	10.4	9.8	9.0	9.3	11.1	10.4	10.6
2	7.3	5.1	6.3	11.5	9.2	10.5	10	8.3	9.1	12.0	10.2	10.9
3	6.9	5.4	6.0	11.8	8.1	9.6	9.7	7.8	8.6	12.5	9.7	10.6
4	8.5	5.6	7.1	10.6	8.7	9.5	10.6	7.6	9.0	11.3	10.8	11.1
5	10.2	7.6	8.9	9.8	8.5	9.1	10.7	9.2	10.1	12.2	10.9	11.5
6	11.4	8.3	10.4	9.8	8.1	8.7	11.2	9.8	10.5	13.1	12.0	12.6
7	11.7	8.3	11.0	10.5	7.8	9.0	12.0	9.6	10.9	13.3	11.3	12.0
8	12.0	10.2	11.5	10.6	7.0	8.7	10.4	8.8	9.6	12.3	11.0	11.6
9	12.1	10.9	11.8	11.4	7.0	8.8	10.1	8.4	9.3	11.7	10.6	11.2
10	12.2	10	11.3	10.6	7.5	9.4	11.2	7.6	9.5	13.3	11.7	12.6
11	11.5	8.3	9.9	11.7	9.1	10.8	12.2	8.8	10.6	---	---	---
12	10.4	8.6	9.4	12.8	9.2	10.9	13.3	10.1	12.5	---	---	---
13	12.7	9.0	10.5	12.8	7.1	9.2	13.7	10.9	12.8	---	---	---
14	12.6	8.5	10.8	10	8.8	9.5	14.0	10.9	13.3	---	---	---
15	14.2	9.9	12.6	10.5	8.6	9.2	14.2	10.4	13.3	---	---	---
16	14.5	8.4	12.2	11.1	8.8	9.7	15.0	12.5	14.1	---	---	---
17	13.0	7.8	10.1	12.5	8.5	10	15.3	8.8	13.3	---	---	---
18	12.7	8.3	10	12.6	8.7	10.2	14.0	9.2	12.1	---	---	---
19	10.8	9.2	9.7	13.5	8.8	10.5	13.2	8.8	10.4	---	---	---
20	10.4	8.9	9.8	13.0	7.3	9.5	13.7	9.0	10.9	---	---	---
21	10.5	8.2	9.0	12.9	7.8	9.8	14.0	9.8	11.8	12.6	9.9	11.3
22	11.5	7.6	9.1	13.1	8.1	10.4	14.6	9.8	12.1	11.7	10.4	10.9
23	11.1	8.0	9.2	12.3	8.1	10.6	14.8	10.2	13.1	11.5	9.8	10.6
24	9.6	8.8	9.2	11.6	9.0	10.1	15.0	8.9	11.9	11.8	9.4	10.3
25	9.8	9.0	9.4	11.3	9.3	9.8	12.2	10.0	10.7	11.8	10.6	11.3
26	10.9	8.0	9.2	11.7	9.3	10.0	11.5	10.6	11.0	11.6	10.4	10.8
27	10.8	9.5	10.2	12.4	9.2	10.8	11.5	9.5	10.7	11.5	9.8	10.5
28	11.2	9.6	10.6	12.8	9.1	11.2	11.6	10.0	10.8	11.5	10.7	11.0
29	11.2	8.4	10.4	10.7	9.6	10.1	11.3	10.2	10.8	11.2	10.1	10.6
30	11.7	7.9	10.0	10.2	9.5	9.9	11.7	9.9	10.6	11.3	10.1	10.8
31	---	---	---	11.0	9.2	9.6	11.7	10.0	10.7	---	---	---
MONTH	14.5	5.1	9.7	13.5	7.0	9.9	15.3	7.6	11.1	---	---	---

NEUSE RIVER BASIN

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

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

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

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

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

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

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

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

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

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

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

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

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.5	23.7	24.0	20.6	19.0	20.0	13.6	12.5	13.0	8.0	6.5	7.0
2	24.9	24.0	24.3	21.1	19.4	20.1	13.1	12.3	12.8	8.9	6.8	7.6
3	25.4	24.2	24.6	20.6	19.4	20.1	12.6	11.8	12.3	9.4	7.0	8.2
4	25.9	24.2	25.0	20.0	18.7	19.3	12.4	11.2	11.9	11.0	7.4	9.6
5	25.4	24.1	24.8	19.4	18.2	18.8	12.1	11.0	11.6	10.9	9.3	10.2
6	24.1	22.9	23.7	18.7	17.2	18.0	12.2	11.6	11.9	10.8	8.3	9.6
7	22.9	22.2	22.5	17.9	15.9	17.5	13.8	11.9	13.0	10.6	8.9	9.5
8	22.8	21.8	22.2	17.2	16.5	16.9	15.5	13.4	13.8	11.0	8.8	9.5
9	22.9	21.9	22.3	16.5	15.3	15.9	15.3	13.7	14.1	10.2	9.5	9.8
10	23.1	22.0	22.5	15.5	14.3	14.7	15.5	14.0	14.6	11.9	9.5	10.4
11	22.9	21.8	22.3	15.6	14.2	14.8	15.3	13.6	14.5	11.8	10.0	10.7
12	22.4	21.3	21.7	16.1	14.9	15.4	13.7	12.5	13.2	11.6	10.2	10.9
13	22.2	21.4	21.8	15.5	13.9	15.1	12.7	11.9	12.4	12.2	10.4	11.2
14	21.9	21.5	21.7	14.0	12.3	13.5	12.0	10.4	11.5	13.4	11.3	12.3
15	21.6	20.7	21.2	12.9	12.1	12.4	10.8	8.1	9.7	12.0	10.3	11.4
16	20.7	19.4	20.1	12.3	11.7	11.9	9.6	7.7	8.6	10.7	9.1	10.0
17	20.1	18.7	19.3	13.0	11.2	12.1	9.5	8.0	8.7	9.8	8.0	9.0
18	20.1	19.0	19.6	12.9	11.7	12.4	9.7	8.6	9.2	8.1	5.8	6.9
19	21.5	19.5	20.4	13.1	12.2	12.6	9.4	8.7	9.0	6.9	4.2	5.3
20	21.4	20.7	21.1	13.5	12.5	12.9	9.3	5.5	7.8	6.7	4.3	5.4
21	21.1	20.5	20.8	13.8	12.9	13.4	7.6	5.1	6.5	6.0	5.3	5.7
22	20.5	19.4	20.0	14.1	13.2	13.6	7.7	6.5	7.2	5.4	4.7	5.1
23	19.4	18.2	18.8	14.1	13.7	13.9	9.5	7.7	8.5	5.3	3.7	4.7
24	18.4	17.4	17.7	14.8	14.0	14.4	9.0	8.4	8.7	3.8	2.9	3.4
25	18.4	16.7	17.3	15.3	13.5	14.7	8.4	7.0	7.8	4.4	2.8	3.5
26	17.6	16.4	17.1	14.6	12.8	13.5	7.1	5.5	6.5	4.2	3.5	3.9
27	17.7	16.0	17.2	12.8	12.3	12.6	5.7	4.4	5.3	4.5	4.0	4.2
28	17.7	17.1	17.4	13.5	12.7	13.1	5.5	4.2	4.8	4.1	3.0	3.4
29	17.8	17.1	17.5	13.1	12.2	12.8	5.5	3.5	4.7	3.2	2.4	2.8
30	19.2	17.6	18.2	13.0	12.3	12.6	6.1	4.5	5.3	3.8	3.1	3.5
31	20.7	18.6	19.3	---	---	---	6.8	5.5	6.0	4.0	3.5	3.8
MONTH	25.9	16.0	20.9	21.1	11.2	15.0	15.5	3.5	9.8	13.4	2.4	7.4
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	4.2	3.7	4.0	9.0	8.3	8.7	17.6	15.6	16.6	17.9	17.3	17.6
2	4.7	3.7	4.2	8.4	7.2	7.9	17.5	14.8	16.3	19.4	17.0	17.8
3	4.7	4.0	4.4	7.8	7.0	7.4	15.8	14.1	15.3	19.5	17.8	18.4
4	4.8	4.3	4.6	9.2	6.7	7.7	15.8	14.4	15.1	18.7	17.8	18.2
5	5.5	4.5	4.9	8.8	7.6	8.2	16.7	15.2	15.9	18.4	17.5	18.0
6	6.7	4.6	5.4	10.1	8.1	8.8	18.3	16.0	16.8	17.5	15.0	16.6
7	6.7	5.3	5.8	10.2	8.4	9.3	17.8	16.3	17.3	16.3	14.7	15.5
8	7.3	5.3	6.0	10.5	9.2	9.7	18.2	17.2	17.6	17.5	15.9	16.7
9	7.8	5.4	6.8	9.4	8.5	8.9	18.0	16.7	17.4	19.0	16.8	17.5
10	8.2	5.9	7.6	9.2	8.2	8.8	17.2	15.4	16.4	19.1	17.5	18.3
11	7.4	5.9	6.5	10.1	8.7	9.2	17.3	15.7	16.4	21.1	18.1	18.8
12	6.9	5.3	6.0	10.6	8.1	9.2	16.7	15.7	16.2	21.7	19.2	20.2
13	7.1	5.9	6.5	10.8	9.3	9.9	16.4	15.0	15.7	20.4	19.5	19.8
14	7.8	6.6	7.2	10.5	9.6	10.0	15.2	13.9	14.6	21.0	19.3	20.0
15	8.9	7.5	7.9	10.6	9.2	9.7	14.2	12.7	13.4	23.4	20.4	21.4
16	10.9	8.3	9.5	10.3	9.1	9.8	12.9	11.8	12.4	22.4	20.7	21.6
17	11.2	9.6	10.4	9.1	7.9	8.7	13.2	11.6	12.3	21.6	20.9	21.3
18	10.4	8.8	9.5	8.7	7.8	8.2	14.9	12.2	13.3	21.9	20.5	21.2
19	9.6	8.2	8.6	9.1	8.4	8.7	16.0	13.2	14.6	22.0	21.3	21.7
20	9.6	8.3	9.0	11.6	9.0	9.7	17.1	14.1	15.4	22.0	21.1	21.4
21	10.9	9.0	9.6	11.7	9.7	10.6	17.1	14.4	15.9	21.3	20.5	20.9
22	10.3	9.7	9.9	11.6	10.1	10.8	17.0	14.4	16.1	21.6	20.1	20.9
23	10.0	9.5	9.7	13.4	11.1	11.8	16.4	13.7	15.1	22.4	20.4	21.4
24	9.7	9.3	9.5	13.6	11.9	12.6	16.1	14.2	15.0	23.2	21.2	21.9
25	9.5	8.6	9.1	13.4	12.3	12.8	15.3	12.8	14.5	21.6	20.5	21.1
26	9.3	8.1	8.5	13.8	12.7	13.2	15.7	14.7	15.1	22.2	20.1	20.7
27	8.8	8.2	8.4	14.0	13.2	13.7	17.8	15.4	16.2	22.8	20.7	21.6
28	8.8	8.2	8.5	14.9	13.6	14.3	17.8	15.6	16.5	23.9	21.4	22.2
29	---	---	---	15.4	13.8	14.6	17.0	15.9	16.5	24.6	22.2	23.2
30	---	---	---	15.9	14.6	15.2	18.0	16.8	17.2	24.0	22.5	23.3
31	---	---	---	16.5	14.8	15.7	---	---	---	22.9	22.1	22.5
MONTH	11.2	3.7	7.4	16.5	6.7	10.4	18.3	11.6	15.6	24.6	14.7	20.1

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.2	21.4	21.8	29.6	26.9	27.8	29.0	28.0	28.7	30.6	28.3	29.1
2	21.9	21.1	21.4	29.6	27.5	28.2	29.3	28.1	28.6	30.8	28.4	29.2
3	23.2	21.7	22.4	28.3	27.3	27.9	30.6	28.3	29.1	29.5	28.3	28.8
4	24.4	22.3	23.2	29.0	27.3	28.2	30.8	29.0	29.8	28.7	27.4	28.3
5	25.6	22.8	24.0	29.4	28.0	28.5	30.6	29.1	29.7	27.9	26.5	27.1
6	26.3	23.5	24.7	30.5	27.9	29.1	30.5	29.0	29.6	26.8	25.6	26.3
7	26.6	22.3	24.8	31.6	29.0	29.9	30.0	29.3	29.7	26.5	25.8	26.1
8	27.0	23.6	25.3	30.2	28.4	29.4	29.3	27.9	28.6	26.4	25.9	26.1
9	25.3	23.0	24.5	30.2	28.8	29.4	29.4	28.3	28.7	26.5	25.9	26.2
10	26.3	23.3	24.7	30.9	28.8	29.6	29.5	28.5	28.9	26.1	24.9	25.5
11	25.3	23.8	24.6	30.4	29.2	29.7	30.1	28.4	29.2	---	---	---
12	26.9	23.8	25.4	30.8	29.1	29.8	31.1	29.3	29.9	---	---	---
13	27.8	25.1	26.7	30.0	28.6	29.3	31.2	29.5	30.2	---	---	---
14	28.2	26.1	27.1	28.8	28.0	28.4	31.2	29.4	30.1	---	---	---
15	29.4	26.7	27.9	30.1	27.7	28.6	32.6	29.4	30.3	---	---	---
16	29.9	26.4	28.1	30.2	28.4	29.2	31.6	30.1	30.7	---	---	---
17	28.7	26.9	27.6	30.1	28.8	29.4	31.6	30.0	30.4	---	---	---
18	27.4	26.3	27.1	30.6	28.8	29.4	30.5	29.6	30.0	---	---	---
19	26.5	25.4	25.9	30.9	28.9	29.7	31.9	29.5	30.3	---	---	---
20	25.4	24.5	25.0	31.0	29.1	29.9	31.9	29.8	30.5	---	---	---
21	26.0	24.3	25.0	31.0	29.4	29.9	32.4	30.3	31.1	27.6	26.6	27.1
22	26.3	24.2	25.2	30.7	29.3	29.8	31.4	30.1	30.7	27.8	26.5	27.1
23	26.3	25.3	25.7	31.2	28.9	29.8	31.2	29.9	30.5	28.5	26.4	27.2
24	26.4	25.3	25.9	30.0	29.1	29.5	30.1	28.9	29.5	28.1	27.0	27.4
25	26.4	25.4	25.9	31.4	28.6	29.6	29.0	27.8	28.4	27.3	26.6	26.9
26	27.3	25.4	26.0	31.4	29.3	30.2	28.1	27.4	27.7	27.5	26.2	26.8
27	27.8	26.3	26.9	32.7	30.2	31.2	28.0	27.2	27.6	27.0	26.3	26.6
28	27.8	27.0	27.4	32.0	30.6	31.3	28.2	27.4	27.9	26.6	25.8	26.2
29	27.4	26.2	26.7	30.9	29.5	30.1	28.7	27.9	28.2	27.0	25.8	26.2
30	28.2	25.8	26.7	30.2	29.3	29.7	29.6	27.9	28.5	26.3	24.9	25.7
31	---	---	---	29.6	28.9	29.3	29.6	28.3	28.9	---	---	---
MONTH	29.9	21.1	25.5	32.7	26.9	29.4	32.6	27.2	29.4	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.7	23.9	24.2	19.1	18.1	18.4	13.7	12.6	13.2	6.5	6.1	6.3
2	24.4	24.0	24.2	19.1	18.1	18.4	13.2	12.2	12.8	6.5	6.0	6.2
3	25.0	24.3	24.4	20.2	18.0	18.8	12.7	12.0	12.4	6.8	6.2	6.4
4	25.0	24.3	24.5	19.5	18.4	19.0	12.7	11.9	12.5	6.8	6.1	6.4
5	24.6	24.3	24.4	19.4	18.4	18.9	12.8	12.1	12.5	7.6	6.2	6.5
6	24.4	23.1	24.0	18.7	17.3	18.2	12.8	12.4	12.7	8.4	6.2	6.8
7	23.6	22.3	22.8	18.0	16.1	17.5	13.4	12.6	12.8	9.9	6.9	8.3
8	23.1	21.9	22.4	17.5	16.6	17.1	13.7	13.0	13.3	10.4	7.7	8.9
9	22.8	22.0	22.4	16.7	15.5	16.0	13.6	13.0	13.3	10.1	9.4	9.7
10	23.0	22.1	22.6	16.0	14.1	14.8	15.2	13.0	13.9	10.8	9.7	10.0
11	22.8	21.9	22.4	15.4	13.9	14.7	14.7	13.5	14.2	10.9	9.7	10.1
12	22.4	21.7	22.1	15.7	15.1	15.4	13.7	12.4	13.1	10.4	9.9	10.2
13	22.4	21.8	22.1	15.6	14.0	15.2	13.5	12.1	12.6	12.2	10.0	10.7
14	22.3	21.6	22.0	14.6	12.5	13.7	12.2	10.4	11.5	13.4	11.3	12.3
15	22.1	20.8	21.8	13.0	12.2	12.7	11.2	8.6	9.9	12.1	10.3	11.4
16	21.1	19.9	20.5	12.8	12.0	12.5	11.3	8.3	9.6	10.7	9.3	10.1
17	20.6	19.1	19.7	12.8	12.1	12.5	11.2	9.3	10.5	10.1	8.2	9.2
18	20.9	20.1	20.5	13.1	12.3	12.8	11.2	9.1	10.0	8.7	6.7	7.6
19	21.0	20.0	20.7	13.1	12.7	12.9	10.9	9.0	9.8	8.6	5.4	6.6
20	21.2	20.9	21.0	13.1	12.9	13.0	10.0	6.5	8.1	7.2	4.7	6.0
21	21.2	20.7	20.9	13.2	12.9	13.0	7.6	6.5	7.1	7.2	5.4	6.2
22	20.8	19.8	20.2	13.3	13.0	13.2	8.0	6.9	7.5	6.0	4.8	5.3
23	19.9	18.8	19.1	13.7	13.2	13.4	9.6	7.5	8.3	5.5	3.7	4.7
24	18.9	17.8	18.5	14.5	13.2	13.6	9.5	8.3	8.7	4.4	3.0	3.5
25	18.9	17.9	18.4	15.2	13.2	14.4	8.3	7.0	7.8	4.3	2.9	3.7
26	18.5	17.1	17.6	14.6	12.6	13.6	7.1	5.6	6.5	4.4	3.8	4.0
27	18.0	17.4	17.6	13.9	12.6	13.3	6.8	5.4	5.9	4.6	4.0	4.2
28	18.4	17.5	17.9	13.7	12.9	13.2	6.3	4.2	5.5	4.2	3.0	3.5
29	18.2	17.7	17.9	13.2	12.7	13.0	6.0	4.3	5.2	3.9	2.5	3.2
30	18.8	17.6	18.1	13.2	12.4	12.8	6.2	5.2	6.0	3.8	3.4	3.6
31	18.8	18.2	18.4	---	---	---	6.3	6.0	6.2	4.0	3.5	3.8
MONTH	25.0	17.1	21.1	20.2	12.0	14.9	15.2	4.2	10.1	13.4	2.5	6.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	4.3	3.8	4.0	8.9	8.2	8.6	16.5	14.3	14.8	17.7	17.1	17.5
2	4.5	3.8	4.1	8.4	7.2	7.8	17.4	14.3	16.0	18.1	17.1	17.3
3	4.5	4.0	4.3	7.8	7.0	7.4	15.9	13.8	15.3	19.2	17.6	18.1
4	4.7	4.2	4.5	8.4	7.4	7.7	15.8	14.6	15.1	18.6	17.7	18.2
5	4.9	4.5	4.6	8.6	7.6	8.1	16.2	14.8	15.3	18.3	17.4	17.9
6	6.1	4.8	5.2	9.3	7.8	8.4	16.3	15.0	15.5	17.4	14.9	16.5
7	5.6	4.9	5.2	10.1	8.0	8.9	16.5	15.0	15.4	16.1	14.9	15.4
8	5.8	4.8	5.3	10.2	8.8	9.5	17.3	15.2	16.4	17.0	15.8	16.4
9	6.0	4.9	5.2	9.2	7.9	8.8	17.9	16.7	17.2	17.8	16.4	17.0
10	7.8	5.2	6.4	9.3	8.3	8.8	16.9	15.7	16.3	19.1	16.9	18.0
11	7.3	5.6	6.2	9.7	8.9	9.2	16.9	16.0	16.4	18.9	17.6	18.4
12	6.3	5.5	5.9	10.4	8.2	9.3	16.3	15.7	16.0	20.5	16.8	18.7
13	6.8	5.8	6.1	10.7	9.4	9.8	16.0	14.9	15.6	20.0	19.1	19.7
14	7.7	6.0	6.8	10.2	9.9	10.1	15.0	13.9	14.5	20.6	18.7	19.6
15	7.6	6.4	7.1	10.1	9.3	9.6	14.1	12.6	13.3	21.2	18.9	19.8
16	8.8	6.2	7.3	10.4	9.2	9.9	13.3	11.8	12.4	21.7	18.8	20.5
17	10.4	7.1	9.0	9.2	8.2	8.8	12.7	11.9	12.3	21.5	21.0	21.2
18	9.7	8.5	9.1	8.8	7.8	8.3	12.8	11.8	12.3	21.8	20.6	21.2
19	9.1	7.3	8.4	9.1	8.7	8.9	12.5	11.5	11.8	21.9	20.8	21.4
20	9.2	8.0	8.6	9.5	8.9	9.1	12.3	11.3	11.6	21.7	20.4	21.2
21	9.9	7.9	9.1	10.1	8.8	9.3	14.8	11.4	12.4	21.3	20.5	20.9
22	10.0	8.0	9.6	11.6	8.9	10.4	15.2	11.9	12.8	21.4	20.1	20.8
23	9.9	9.3	9.6	13.5	9.8	11.6	15.6	12.3	13.9	22.1	20.4	21.1
24	9.6	9.2	9.4	13.5	12.1	12.5	15.8	14.1	14.8	22.1	21.0	21.4
25	9.4	8.6	9.0	13.2	12.3	12.8	15.0	12.8	14.4	21.5	20.6	21.1
26	8.8	8.1	8.4	13.8	12.8	13.3	15.0	14.6	14.7	20.8	20.2	20.5
27	8.8	8.1	8.4	13.9	13.3	13.6	16.8	14.6	15.4	21.8	20.6	21.1
28	8.8	8.1	8.4	15.0	13.2	14.2	16.4	15.4	15.8	22.8	20.9	21.6
29	---	---	---	15.3	13.8	14.5	16.8	15.2	16.1	23.6	20.8	21.8
30	---	---	---	15.7	14.2	14.6	17.8	15.5	16.6	22.6	20.7	21.5
31	---	---	---	16.8	14.8	15.4	---	---	---	22.7	21.5	22.2
MONTH	10.4	3.8	7.0	16.8	7.0	10.3	17.9	11.3	14.7	23.6	14.9	19.6

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.0	21.4	21.7	27.5	25.8	26.5	29.0	28.0	28.7	29.4	28.2	28.6
2	21.8	21.1	21.4	27.8	25.9	26.6	28.8	28.3	28.6	28.9	28.4	28.7
3	22.3	21.4	21.7	28.1	25.8	27.3	28.9	28.4	28.6	29.2	27.9	28.6
4	22.3	21.1	21.6	28.3	26.8	27.7	29.5	28.6	28.9	28.7	27.4	28.2
5	22.1	21.1	21.3	28.7	27.3	28.1	29.5	28.8	29.0	27.9	26.4	27.0
6	22.0	21.0	21.2	29.5	27.7	28.4	29.5	28.7	29.1	26.6	25.6	26.1
7	22.0	21.0	21.3	29.7	27.5	28.5	29.6	28.7	29.2	26.3	25.7	26.0
8	22.3	21.0	21.3	29.8	27.5	28.9	29.2	28.1	28.6	26.4	25.5	26.0
9	22.0	21.2	21.4	29.5	28.5	29.0	28.8	28.6	28.7	26.4	25.9	26.2
10	23.1	21.2	21.8	29.5	28.8	29.0	28.9	28.6	28.7	26.1	24.9	25.5
11	24.5	21.3	22.8	29.3	28.8	28.9	29.0	28.5	28.7	---	---	---
12	24.9	22.5	23.7	29.4	28.7	29.0	29.1	28.6	28.8	---	---	---
13	25.0	21.3	23.1	29.5	28.6	29.0	29.5	28.7	29.0	---	---	---
14	25.6	21.3	23.5	28.7	28.0	28.4	29.4	28.9	29.0	---	---	---
15	25.0	21.6	22.8	29.2	27.6	28.2	29.3	28.8	29.0	---	---	---
16	27.3	22.2	24.2	29.2	28.3	28.6	29.6	28.8	29.1	---	---	---
17	27.5	24.5	26.3	29.6	28.2	28.8	30.2	28.8	29.3	---	---	---
18	27.3	24.6	26.4	29.2	28.2	28.8	30.1	29.3	29.6	---	---	---
19	26.5	25.4	25.9	29.6	28.2	29.0	30.0	29.2	29.6	---	---	---
20	25.5	24.5	25.0	30.4	28.6	29.4	30.0	29.0	29.6	---	---	---
21	25.0	24.2	24.5	30.1	28.7	29.4	30.4	29.1	29.7	27.1	26.2	26.7
22	25.8	23.9	24.6	30.0	28.7	29.3	30.4	29.0	29.7	27.6	26.5	26.9
23	26.1	24.1	25.2	30.3	29.0	29.3	30.2	29.0	29.5	27.9	26.5	27.1
24	26.4	25.2	25.8	29.9	29.0	29.4	29.9	29.0	29.4	27.8	26.5	27.1
25	26.4	25.3	25.8	29.8	28.9	29.2	29.4	27.9	28.6	27.3	26.6	26.9
26	26.6	25.4	25.7	29.8	29.0	29.4	28.1	27.4	27.8	27.3	26.5	26.8
27	26.6	25.7	26.0	30.1	28.9	29.4	27.9	27.0	27.5	26.9	26.3	26.7
28	27.0	25.8	26.2	31.4	28.9	29.7	28.2	27.4	27.8	26.7	25.9	26.3
29	26.6	25.8	26.2	30.5	29.7	29.9	28.6	27.9	28.2	26.8	25.8	26.1
30	26.9	25.8	26.1	29.9	29.4	29.6	28.7	28.1	28.3	26.4	25.0	25.8
31	---	---	---	29.6	29.0	29.3	29.2	28.0	28.5	---	---	---
MONTH	27.5	21.0	23.8	31.4	25.8	28.8	30.4	27.0	28.9	---	---	---

NEUSE RIVER BASIN

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.4	5.9	7.1	10.1	6.6	9.0	11.2	8.5	9.7	15.7	11.7	14.2
2	7.9	5.9	6.8	10.0	5.4	8.4	10.7	8.9	9.6	14.8	10.3	12.6
3	8.3	6.6	7.4	8.2	6.8	7.5	10.6	9.0	9.9	15.0	10.3	13.2
4	8.8	5.9	7.2	8.2	6.1	7.0	14.2	10.0	11.5	15.4	10.3	13.6
5	8.8	6.6	7.6	8.1	6.3	7.2	15.1	11.6	12.9	14.1	12.0	13.0
6	8.2	6.1	7.0	8.5	6.9	7.6	14.2	11.3	12.6	13.0	10.2	11.3
7	8.8	6.0	7.4	8.8	7.3	8.0	14.1	7.4	11.7	11.8	9.9	10.7
8	8.8	6.9	7.9	8.6	7.9	8.2	12.1	8.5	9.6	11.2	10.2	10.5
9	9.5	6.9	8.0	8.5	7.9	8.2	12.4	7.8	8.9	10.8	10.0	10.3
10	9.2	7.5	8.4	8.9	8.0	8.5	10.4	7.4	8.6	10.8	9.5	10.1
11	9.7	7.8	8.6	9.0	7.9	8.6	10.5	8.4	9.0	10.9	9.1	10.2
12	10.5	8.2	9.1	8.8	7.7	8.2	10.7	8.5	9.4	10.7	9.2	10.2
13	9.5	7.1	8.4	8.5	7.8	8.2	11.3	9.5	10.1	10.7	8.6	9.3
14	8.8	7.4	8.1	9.0	8.0	8.5	11.4	9.6	10.2	9.9	8.2	8.5
15	9.1	7.4	8.4	9.6	8.6	9.1	10.8	9.5	10.2	9.1	8.2	8.6
16	9.7	6.5	8.1	11.1	9.0	9.8	12.8	10.4	11.4	9.8	8.7	9.3
17	10.9	8.2	9.4	11.3	9.8	10.4	13.4	11.1	12.1	10.3	9.2	9.8
18	10.7	8.3	9.4	12.3	9.8	11.2	12.9	10.5	11.9	11.2	9.9	10.5
19	9.6	5.8	8.1	12.8	8.8	10.6	13.8	11.6	12.8	12.1	10.3	11.2
20	9.6	6.8	8.4	11.4	7.7	9.1	12.4	9.1	10.3	12.3	10.8	11.6
21	9.1	8.1	8.7	11.2	8.1	9.7	10.8	9.9	10.3	12.1	11.6	11.8
22	9.2	8.2	8.7	11.2	7.9	9.9	11.5	10.0	10.7	12.1	11.3	11.8
23	10.2	8.7	9.4	10.9	9.4	10.3	11.4	9.7	10.5	11.7	10.8	11.2
24	10.8	8.7	9.5	10.8	8.8	9.9	10.4	10.0	10.2	12.4	11.2	11.7
25	11.2	7.3	9.4	9.7	5.7	8.2	10.6	9.8	10.2	12.6	11.3	12.0
26	10.4	8.2	9.4	9.6	8.2	8.9	10.9	10.3	10.6	12.9	11.7	12.3
27	11.9	7.6	9.3	10.7	8.9	9.4	11.9	10.6	11.1	12.9	12.1	12.4
28	11.1	6.5	9.0	10.3	9.2	9.5	12.4	10.8	11.6	13.0	12.1	12.5
29	9.2	4.8	7.7	10.7	9.0	9.7	12.8	11.5	12.0	13.2	12.4	12.8
30	10.1	7.8	9.0	11.5	9.9	10.5	13.7	11.7	12.6	13.4	12.4	12.8
31	10.5	7.3	8.7	---	---	---	16.0	11.2	13.0	13.0	12.3	12.7
MONTH	11.9	4.8	8.4	12.8	5.4	9.0	16.0	7.4	10.8	15.7	8.2	11.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	13.7	12.4	12.8	10.8	10.2	10.5	10.9	8.4	10	7.8	5.2	6.7
2	13.4	12.6	12.9	11.0	10.3	10.6	9.3	7.2	8.6	7.7	4.8	6.0
3	13.2	12.3	12.8	11.2	10.5	10.9	9.2	8.3	8.8	7.5	5.2	6.2
4	12.7	12.3	12.4	13.0	11.0	12.0	10.1	8.7	9.3	5.7	4.6	5.1
5	12.7	12.1	12.3	12.5	11.5	11.9	11.1	8.9	9.9	6.6	3.8	5.3
6	13.7	12.3	13.0	12.8	11.5	12.1	11.2	9.3	10.3	7.8	5.8	6.9
7	13.8	12.9	13.3	12.2	10.6	11.7	10.1	7.9	9.6	8.4	7.0	7.6
8	14.1	12.3	13.4	11.1	9.4	10	10.8	8.1	9.1	9.6	7.5	8.6
9	13.9	12.2	13.4	11.3	9.3	10.0	10.2	8.9	9.4	9.8	8.0	9.0
10	13.4	11.9	12.7	11.4	9.8	10.7	10.4	8.5	9.6	---	---	---
11	11.9	11.3	11.6	11.7	10.1	11.0	10.8	9.4	10.0	---	---	---
12	12.4	11.4	11.9	11.1	9.9	10.5	10.2	8.4	9.4	---	---	---
13	13.0	11.8	12.5	11.5	10.1	10.7	9.0	7.9	8.5	---	---	---
14	12.7	11.9	12.3	10.6	10.1	10.3	9.2	8.1	8.6	---	---	---
15	13.4	11.9	12.6	12.8	10.1	11.0	9.6	8.9	9.2	---	---	---
16	13.7	12.7	13.2	12.2	10.1	10.9	10.0	9.2	9.6	---	---	---
17	13.2	12.2	12.7	10.6	9.9	10.2	10.6	9.5	10	---	---	---
18	12.5	11.7	12.1	11.9	10.4	11.1	12.4	10.0	11.0	---	---	---
19	13.1	11.5	12.3	11.6	10.6	11.2	12.3	10.1	10.9	8.5	6.2	7.5
20	12.9	11.9	12.4	13.6	11.2	12.1	11.9	9.2	10.6	7.6	4.3	6.7
21	12.3	11.4	11.9	12.9	10.9	12.2	11.3	8.4	9.9	7.4	5.8	6.6
22	12.0	11.1	11.6	12.3	10.9	11.3	10.0	8.4	9.4	9.3	6.2	8.1
23	11.8	11.0	11.5	11.1	9.6	10.2	9.0	7.2	8.1	9.3	6.7	7.9
24	11.2	10.4	10.9	10.8	9.5	10.2	9.1	8.0	8.6	9.7	5.6	7.7
25	11.0	10.3	10.6	10.2	9.5	10.0	9.5	8.1	8.8	8.4	6.2	7.5
26	12.2	10.7	11.3	10.7	9.7	10.1	9.8	7.7	8.8	9.4	6.5	7.7
27	11.9	10.7	11.4	10.6	9.7	10.1	11.6	8.3	9.6	9.7	6.8	8.2
28	10.7	10.1	10.4	10.3	9.1	9.9	10.1	8.2	9.1	8.8	6.9	7.8
29	---	---	---	10.7	9.2	10.1	9.9	7.7	8.6	9.4	6.5	8.0
30	---	---	---	11.2	9.4	10.4	8.2	5.9	7.3	8.6	5.5	7.7
31	---	---	---	10.8	9.2	10.1	---	---	---	8.9	6.0	7.2
MONTH	14.1	10.1	12.2	13.6	9.1	10.8	12.4	5.9	9.4	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.2	5.7	7.2	8.8	6.2	7.3	8.2	4.8	6.3	9.1	4.5	6.2
2	8.0	5.4	6.5	9.2	6.5	7.7	9.1	6.3	7.4	9.2	5.4	6.5
3	9.8	6.1	8.0	8.0	6.0	7.1	11.5	5.4	8.2	7.4	5.5	6.5
4	10.8	6.1	8.4	7.9	5.4	6.7	10.4	6.8	8.4	6.7	5.4	6.2
5	10.7	6.4	8.8	7.0	5.8	6.4	9.1	6.0	7.8	6.9	6.0	6.4
6	9.2	5.3	7.5	7.7	4.5	6.4	8.5	2.8	5.9	7.2	6.4	6.8
7	8.7	2.5	6.5	8.2	6.0	7.0	7.3	3.1	5.5	7.5	6.5	7.0
8	8.5	4.5	6.8	7.2	3.6	6.2	5.0	0.1	1.8	7.7	6.4	7.0
9	6.0	2.8	4.6	8.3	5.9	6.9	6.3	0.5	3.5	7.8	6.8	7.3
10	5.8	1.8	3.8	9.4	5.1	7.6	10.4	3.3	6.8	7.4	6.8	7.1
11	5.9	1.6	3.7	9.3	6.3	8.0	9.8	4.3	7.4	---	---	---
12	6.3	0.2	3.9	8.5	6.0	7.7	9.5	2.7	6.8	---	---	---
13	6.5	2.1	5.2	8.1	3.0	6.2	7.8	2.6	5.5	---	---	---
14	6.6	4.4	5.7	7.9	3.0	5.2	9.0	1.8	4.9	---	---	---
15	6.7	4.5	5.7	9.4	3.4	6.6	8.0	2.9	6.1	---	---	---
16	7.3	3.1	5.4	10.0	5.8	7.6	8.2	2.9	6.3	---	---	---
17	6.9	3.5	5.7	9.8	4.1	7.5	9.1	5.0	6.8	---	---	---
18	7.6	5.7	6.7	10.3	4.3	7.3	8.6	5.5	7.3	---	---	---
19	6.9	5.6	6.3	8.4	5.8	7.2	10.4	6.1	7.9	---	---	---
20	8.1	6.3	7.1	8.7	6.0	7.1	10.0	4.0	7.3	---	---	---
21	8.8	7.0	7.7	8.8	4.7	6.8	8.5	5.0	7.3	8.7	6.3	7.5
22	9.4	7.4	8.0	7.9	4.1	6.2	10.3	4.7	6.9	9.5	6.9	7.6
23	8.2	7.0	7.7	10.4	3.8	6.7	7.7	1.8	6.1	10.6	6.3	8.0
24	7.6	6.6	7.1	7.7	4.7	6.6	7.0	5.0	6.1	8.6	7.0	7.8
25	7.1	5.2	6.4	10.3	4.5	6.8	6.5	4.7	5.8	7.7	6.3	6.9
26	7.7	5.2	6.4	8.8	4.3	6.8	7.0	5.2	6.1	7.8	6.0	6.7
27	7.9	6.3	7.3	11.3	4.7	7.8	6.8	4.4	5.6	7.3	5.1	6.5
28	8.5	6.3	7.5	8.0	5.7	7.0	6.8	4.4	5.4	6.9	4.5	6.1
29	8.4	4.9	6.6	6.4	3.5	4.8	6.4	4.3	5.2	8.3	5.2	6.3
30	9.8	5.7	6.9	5.9	3.9	4.9	8.0	4.6	5.9	7.0	5.5	6.5
31	---	---	---	7.3	4.3	6.2	7.9	5.4	6.1	---	---	---
MONTH	10.8	0.2	6.5	11.3	3.0	6.8	11.5	0.1	6.3	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.0	4.8	6.0	5.9	2.1	3.6	11.0	6.2	9.0	10.2	8.1	8.8
2	5.8	3.6	4.7	6.1	2.3	3.3	11.2	8.5	9.8	9.5	7.9	8.7
3	5.2	2.1	3.6	7.6	1.6	3.8	10.7	8.6	10.1	8.9	7.9	8.5
4	4.9	0.9	2.8	7.3	3.3	6.0	10.9	8.6	9.4	9.0	7.8	8.3
5	6.5	0.6	2.1	7.9	6.2	7.0	10.2	7.3	8.5	9.5	7.4	8.5
6	7.1	1.8	5.2	8.3	5.3	7.2	10.4	6.6	7.8	10.6	8.3	9.3
7	7.4	2.0	5.2	8.6	7.0	7.8	9.3	6.0	7.1	11.5	8.5	9.7
8	7.2	3.6	5.7	8.3	6.7	7.8	9.5	7.3	8.3	11.0	9.0	10.2
9	6.0	2.0	4.6	8.4	7.2	8.0	7.9	6.2	7.1	10.8	10.0	10.3
10	7.2	1.4	4.3	8.8	6.8	8.2	10.0	5.6	7.8	10.6	9.5	10.1
11	6.8	2.3	5.1	8.8	7.2	8.3	11.0	6.8	9.0	11.2	8.8	9.7
12	5.7	3.0	4.0	8.5	5.9	7.2	11.1	8.7	9.8	10.5	8.8	9.5
13	5.4	2.0	3.5	8.1	7.1	7.8	11.4	7.8	10.2	9.9	8.8	9.4
14	5.2	1.1	3.0	8.8	7.6	8.3	11.2	9.5	10.6	9.5	8.6	9.1
15	5.1	0.9	2.6	8.9	7.9	8.6	11.0	8.4	9.6	9.6	8.7	9.1
16	5.4	2.8	4.1	9.5	7.8	8.7	10.3	6.7	8.8	10.2	9.2	9.6
17	5.6	1.4	3.8	10.2	7.7	8.9	9.5	5.8	7.5	10.6	9.1	9.9
18	2.9	0.0	1.3	10.4	7.0	7.9	11.1	5.8	8.6	11.2	9.2	10.3
19	4.5	0.0	1.4	8.2	7.1	7.6	11.9	5.1	9.1	11.8	8.3	10.4
20	2.0	0.0	0.8	8.2	6.8	7.2	10.5	6.6	8.5	12.1	8.8	10.7
21	4.5	1.6	2.9	8.3	6.7	7.4	8.5	6.2	7.4	12.2	8.9	10.7
22	5.8	2.8	4.5	9.1	6.6	7.6	8.4	5.9	7.2	12.2	10.1	11.5
23	5.8	2.2	4.4	9.6	6.5	7.8	8.7	5.9	7.1	11.8	10.7	11.2
24	6.3	1.6	3.5	9.6	5.9	7.4	8.8	6.9	7.9	12.2	11.0	11.6
25	4.3	0.2	1.8	9.5	5.6	8.1	8.7	7.6	8.1	12.3	10.9	11.5
26	5.7	0.5	3.3	9.6	8.5	9.1	10.4	8.4	9.2	12.2	10.6	11.4
27	6.2	1.4	3.9	10.0	8.2	9.0	10.7	9.4	10.1	12.6	10.1	12.0
28	5.3	1.1	2.9	10.2	7.9	9.3	11.4	9.1	10.2	13.0	11.9	12.4
29	7.4	0.8	4.5	10.2	8.5	9.6	11.7	9.2	10.8	12.8	11.3	12.1
30	9.4	1.7	5.5	11.1	7.4	9.5	11.7	8.8	9.7	13.2	11.5	12.5
31	7.8	1.8	4.1	---	---	---	10.3	8.5	9.0	13.1	11.6	12.6
MONTH	9.4	0.0	3.7	11.1	1.6	7.6	11.9	5.1	8.8	13.2	7.4	10.3
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	13.3	12.1	12.8	10.3	9.5	9.9	10.4	5.8	7.7	7.4	5.2	6.6
2	---	---	---	10.7	9.8	10.2	10.3	7.6	9.2	6.5	4.5	5.4
3	---	---	---	10.9	10.2	10.6	10.1	9.4	9.8	7.5	4.6	6.2
4	---	---	---	12.0	9.9	10.4	10.2	8.6	9.3	6.6	4.9	5.8
5	---	---	---	11.5	8.0	10.8	9.7	5.8	7.5	6.7	4.7	6.1
6	---	---	---	12.2	9.8	11.2	10.1	5.0	7.1	7.6	6.6	7.1
7	---	---	---	11.3	8.3	10.5	7.0	4.6	5.8	7.6	6.4	7.1
8	---	---	---	10.6	8.8	9.5	8.2	4.9	6.3	8.7	6.0	7.5
9	---	---	---	10.6	9.0	9.4	9.6	7.2	8.6	9.0	5.4	7.4
10	---	---	---	11.5	9.1	10.5	9.8	7.3	8.8	---	---	---
11	---	---	---	12.0	10.0	11.0	9.6	5.7	8.0	---	---	---
12	---	---	---	11.3	10.0	10.7	9.4	7.1	8.6	---	---	---
13	---	---	---	11.7	10.0	10.8	8.7	6.8	8.1	---	---	---
14	---	---	---	11.0	10.6	10.8	9.0	7.8	8.3	---	---	---
15	---	---	---	11.9	10.1	10.9	9.3	8.6	8.9	---	---	---
16	---	---	---	11.8	8.9	11.0	9.7	8.5	9.2	---	---	---
17	---	---	---	11.1	10.3	10.8	10.0	7.9	9.1	---	---	---
18	---	---	---	11.6	10.1	10.9	10.2	6.6	8.6	---	---	---
19	11.9	9.1	11.2	12.0	10.0	10.9	8.2	5.8	6.9	8.4	3.2	6.1
20	12.0	9.3	11.1	11.9	9.5	11.0	7.2	6.2	6.7	5.9	1.2	4.2
21	11.9	8.5	10.7	12.0	8.7	10.4	8.9	5.6	6.8	6.5	3.9	5.2
22	11.1	7.5	10.5	12.1	8.7	11.3	8.5	5.7	6.5	7.5	3.5	5.6
23	11.1	9.6	10.7	11.4	8.8	10.6	8.0	5.5	6.9	6.6	2.0	5.0
24	10.4	8.1	9.2	11.5	10.2	10.6	8.9	6.8	7.9	7.2	2.4	4.9
25	9.2	7.6	8.4	11.0	10.2	10.7	8.8	7.6	8.2	6.4	1.8	4.8
26	8.9	6.5	8.0	11.5	10.1	10.9	8.6	4.0	7.0	6.7	2.9	4.9
27	10.5	6.1	8.8	11.1	10.1	10.7	9.5	3.9	7.1	---	---	---
28	10.2	8.8	9.7	11.3	8.3	10.4	8.9	6.4	8.1	---	---	---
29	---	---	---	11.6	10.3	10.8	8.9	3.3	7.4	---	---	---
30	---	---	---	10.9	9.0	10	7.9	3.5	6.2	---	---	---
31	---	---	---	11.6	7.9	10.2	---	---	---	---	---	---
MONTH	---	---	---	12.2	7.9	10.6	10.4	3.3	7.8	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

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

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	6.8	0.6	3.4	7.9	4.6	6.1	6.2	3.1	5.0
2	---	---	---	5.5	0.7	2.6	7.2	2.8	5.7	5.8	2.7	4.3
3	---	---	---	7.2	0.0	4.9	7.7	1.6	5.5	7.0	1.1	5.2
4	---	---	---	6.6	1.8	4.9	8.7	0.8	4.2	6.5	4.9	6.0
5	---	---	---	6.2	1.3	5.0	6.1	0.6	2.7	6.9	5.9	6.4
6	---	---	---	6.6	2.0	5.0	5.0	0.1	2.0	7.2	6.3	6.7
7	2.8	0.8	1.4	6.6	0.3	3.7	5.5	0.0	1.8	7.5	6.5	6.9
8	2.7	0.3	0.9	7.0	0.3	4.5	4.5	0.0	0.8	7.3	5.6	6.7
9	1.5	0.1	0.7	7.6	1.7	4.3	2.1	0.0	0.4	7.6	5.3	6.9
10	1.2	0.1	0.3	7.6	1.7	3.7	5.6	0.0	1.1	7.2	5.6	6.8
11	4.2	0.1	0.8	4.3	0.7	2.2	2.7	0.0	0.9	---	---	---
12	3.9	0.1	1.5	4.4	0.0	1.6	1.0	0.0	0.1	---	---	---
13	2.0	0.1	0.5	6.7	0.3	3.8	0.7	0.0	0.1	---	---	---
14	2.0	0.1	0.8	6.6	2.4	3.5	1.6	0.0	0.1	---	---	---
15	1.7	0.1	0.5	6.0	0.7	3.9	2.5	0.0	0.2	---	---	---
16	4.6	0.3	1.5	6.4	0.6	3.4	1.0	0.0	0.2	---	---	---
17	6.0	1.1	3.9	7.6	0.4	3.8	6.2	0.0	0.9	---	---	---
18	6.9	1.7	4.4	6.4	0.3	3.9	5.8	0.1	1.4	---	---	---
19	6.7	4.2	5.9	6.4	0.4	3.7	5.3	0.2	2.9	---	---	---
20	7.5	6.0	6.7	7.3	0.8	4.8	4.2	0.1	2.1	---	---	---
21	7.7	4.4	6.7	6.4	0.5	3.7	4.1	0.1	1.6	7.1	4.0	5.7
22	7.3	3.6	5.9	6.2	0.1	3.3	3.9	0.1	1.2	8.6	4.1	6.5
23	7.2	3.4	5.8	7.2	0.3	2.6	3.1	0.1	0.7	10.1	4.7	6.7
24	7.0	5.5	6.3	6.8	0.4	3.7	6.6	0.0	2.3	7.4	2.6	5.9
25	6.5	3.6	5.7	7.2	0.1	4.3	6.6	2.6	4.9	7.0	4.5	6.4
26	6.6	4.5	5.4	6.6	0.5	3.9	7.0	5.3	6.0	6.7	2.6	5.4
27	6.1	3.9	4.8	5.8	0.1	2.2	6.7	3.4	5.5	6.5	3.2	5.7
28	5.8	2.5	4.0	6.9	0.1	1.9	6.6	2.1	4.9	6.8	3.1	5.7
29	6.4	2.1	3.8	5.5	2.1	3.8	6.2	4.1	5.0	7.4	4.7	5.8
30	5.7	1.7	3.7	5.0	3.0	4.1	5.7	0.7	4.5	7.0	5.3	6.5
31	---	---	---	6.7	1.5	5.7	6.4	1.7	4.7	---	---	---
MONTH	---	---	---	7.6	0.0	3.7	8.7	0.0	2.6	---	---	---

NEUSE RIVER BASIN

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	101	70	85	112	71	100	107	82	92	129	96	117
2	96	70	81	111	59	93	102	84	91	124	85	106
3	101	79	89	91	75	83	100	85	92	129	85	112
4	108	71	88	90	66	76	133	93	106	134	87	120
5	108	79	92	88	68	77	141	107	119	128	105	116
6	98	72	83	91	73	80	133	105	117	118	88	99
7	102	69	86	93	75	84	136	71	111	105	86	94
8	102	80	92	89	82	85	121	82	93	101	88	92
9	111	80	93	87	80	83	122	76	87	95	88	91
10	108	86	97	88	80	84	103	72	85	100	83	91
11	113	91	100	90	78	85	103	82	88	99	81	92
12	121	93	104	88	77	82	102	81	90	97	83	92
13	108	81	96	84	78	82	105	89	95	99	79	84
14	100	84	92	86	78	82	105	89	94	94	75	80
15	103	84	95	91	80	85	95	85	90	82	76	79
16	108	73	90	103	83	91	112	88	98	86	78	82
17	120	89	102	105	90	97	116	96	104	89	81	85
18	118	90	103	116	92	105	113	91	104	91	83	86
19	106	65	90	120	83	99	121	101	111	94	84	88
20	108	76	95	108	73	87	107	79	87	98	86	92
21	102	91	97	108	77	93	89	81	84	97	92	94
22	101	90	96	108	75	95	96	83	89	96	90	93
23	110	93	102	106	91	100	98	84	90	92	84	87
24	114	92	101	107	87	97	90	85	87	94	85	88
25	117	78	98	97	55	81	89	83	86	97	86	91
26	108	85	97	92	79	85	89	85	86	99	89	94
27	125	79	97	101	84	89	94	84	88	100	93	95
28	117	68	94	99	87	91	97	86	90	98	92	94
29	97	50	80	102	85	92	100	90	94	98	92	95
30	110	82	96	109	93	99	108	93	99	102	93	97
31	116	79	94	---	---	---	131	90	105	99	93	96
MONTH	125	50	94	120	55	89	141	71	95	134	75	94
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	105	94	98	93	87	90	114	85	103	82	54	70
2	104	96	99	94	86	89	96	71	88	81	50	64
3	103	95	99	94	87	91	93	84	88	80	55	66
4	98	96	97	113	90	101	102	86	93	61	49	54
5	101	94	96	106	97	101	114	89	100	70	40	56
6	111	96	103	112	98	104	119	95	106	80	61	71
7	112	103	107	107	94	102	105	81	100	86	70	77
8	115	97	108	97	82	88	115	84	95	101	76	89
9	115	97	110	97	81	87	108	92	98	106	83	94
10	113	96	106	99	85	92	108	86	98	---	---	---
11	99	91	94	104	88	96	113	95	102	---	---	---
12	101	90	96	99	86	91	105	85	96	---	---	---
13	107	95	101	103	88	95	92	80	86	---	---	---
14	106	98	102	95	89	92	90	81	85	---	---	---
15	116	99	106	115	88	97	91	85	88	---	---	---
16	122	109	116	108	88	97	94	86	90	---	---	---
17	119	108	113	91	85	88	101	89	93	---	---	---
18	111	101	107	102	88	95	123	93	106	---	---	---
19	112	99	105	100	92	97	122	98	108	98	70	86
20	111	103	108	123	97	107	123	90	106	87	48	76
21	109	100	105	118	96	110	115	82	100	83	65	74
22	107	99	103	113	97	102	102	82	96	106	69	91
23	105	96	101	103	90	94	91	70	81	108	75	90
24	99	91	95	104	89	96	91	79	85	114	63	88
25	96	90	92	98	89	95	95	79	86	94	70	85
26	107	91	97	103	92	96	99	76	87	107	72	86
27	102	91	97	102	93	98	122	83	98	113	76	93
28	92	86	89	102	88	97	107	83	94	103	78	90
29	---	---	---	107	90	99	102	80	89	112	75	94
30	---	---	---	113	94	104	86	61	76	102	64	91
31	---	---	---	110	91	102	---	---	---	103	70	83
MONTH	122	86	102	123	81	97	123	61	94	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

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

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	94	65	83	114	78	94	107	62	82	121	58	82
2	92	61	74	121	83	100	119	81	96	124	70	86
3	115	71	92	103	77	91	154	70	107	97	71	84
4	130	71	98	103	68	87	139	89	112	86	69	80
5	131	76	105	92	74	83	121	78	102	87	75	81
6	112	63	91	103	58	83	113	37	78	90	79	84
7	107	29	79	112	78	93	97	41	72	93	80	86
8	107	53	84	95	46	82	66	1	24	96	79	87
9	73	33	55	110	77	91	82	6	45	97	84	90
10	72	21	46	127	66	100	136	43	89	91	84	87
11	72	19	45	124	82	105	128	56	98	---	---	---
12	78	2	48	112	79	101	127	36	91	---	---	---
13	83	26	65	108	39	82	105	34	73	---	---	---
14	85	55	72	102	39	67	120	24	66	---	---	---
15	88	56	73	130	44	87	111	38	81	---	---	---
16	96	39	70	133	75	100	110	39	84	---	---	---
17	88	44	73	130	54	98	124	66	92	---	---	---
18	96	72	84	138	56	96	115	73	97	---	---	---
19	85	69	78	112	76	96	142	80	105	---	---	---
20	99	77	86	117	79	94	134	53	98	---	---	---
21	109	84	94	118	62	90	117	67	99	111	79	95
22	117	89	98	106	54	83	138	63	93	121	86	96
23	102	86	94	140	50	89	104	24	82	136	78	101
24	95	81	88	102	62	87	93	66	80	110	88	99
25	88	64	79	140	59	90	84	61	74	98	79	87
26	97	64	79	119	56	90	89	66	77	99	75	84
27	101	78	92	152	63	106	86	56	71	92	64	81
28	109	80	96	110	76	95	87	57	69	86	56	76
29	105	61	83	86	46	64	82	55	68	105	64	78
30	126	71	86	79	51	65	105	59	76	91	68	80
31	---	---	---	96	57	82	104	70	80	---	---	---
MONTH	131	2	80	152	39	89	154	1	83	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	84	57	71	64	22	39	104	59	86	83	66	71
2	69	43	56	66	25	36	107	81	93	76	64	70
3	62	25	43	84	17	42	100	81	94	73	64	69
4	60	11	33	80	35	65	102	81	88	73	63	67
5	78	7	25	85	67	76	95	69	80	80	60	69
6	85	22	62	88	56	77	98	62	74	90	68	77
7	86	24	61	91	74	82	89	57	67	102	70	83
8	84	42	66	86	70	81	92	70	79	98	76	88
9	69	23	53	85	74	81	76	59	68	95	88	91
10	84	16	50	87	69	81	99	54	76	96	85	90
11	79	27	59	87	71	82	108	65	88	101	78	87
12	65	34	47	85	59	73	106	83	94	94	78	85
13	62	23	40	81	71	78	108	75	96	91	78	85
14	59	13	34	84	75	80	103	88	98	88	79	85
15	56	10	30	84	75	81	99	74	85	87	80	84
16	60	31	46	89	74	82	90	61	77	90	82	85
17	61	16	41	95	73	84	84	53	67	91	81	86
18	32	0	15	97	67	75	97	53	76	92	78	86
19	50	0	16	77	68	72	104	46	80	94	71	85
20	23	0	9	78	65	68	91	56	72	98	73	86
21	51	18	33	79	64	70	70	52	61	97	74	86
22	64	31	50	87	63	73	70	50	60	96	81	91
23	63	24	47	93	62	75	75	50	61	93	83	88
24	66	17	37	94	56	71	76	61	68	91	84	87
25	46	2	19	95	54	79	73	64	68	92	84	87
26	59	5	34	92	82	87	83	69	75	94	81	88
27	65	15	41	95	79	86	85	76	81	98	78	92
28	56	12	30	97	76	88	90	74	81	97	90	94
29	78	8	48	97	81	91	92	74	85	95	86	91
30	100	18	59	105	71	90	92	71	78	100	87	94
31	84	19	43	---	---	---	83	69	73	100	88	96
MONTH	100	0	42	105	17	75	108	46	78	102	60	85
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	102	93	98	89	82	85	107	57	76	78	54	69
2	---	---	---	91	83	86	106	76	94	68	47	56
3	---	---	---	91	85	88	102	94	98	80	48	66
4	---	---	---	103	84	87	101	85	92	71	52	61
5	---	---	---	99	68	91	99	58	75	71	50	65
6	---	---	---	107	84	96	103	50	71	77	68	73
7	---	---	---	100	70	90	72	46	59	76	65	71
8	---	---	---	93	76	84	86	49	65	90	61	76
9	---	---	---	92	77	81	101	75	90	95	56	77
10	---	---	---	100	78	91	101	75	90	---	---	---
11	---	---	---	106	87	96	99	58	82	---	---	---
12	---	---	---	101	87	93	96	72	87	---	---	---
13	---	---	---	105	88	95	88	69	82	---	---	---
14	---	---	---	98	94	96	88	77	82	---	---	---
15	---	---	---	106	89	96	88	82	85	---	---	---
16	---	---	---	105	79	97	92	80	87	---	---	---
17	---	---	---	96	89	93	94	75	85	---	---	---
18	---	---	---	98	87	93	97	61	80	---	---	---
19	102	76	96	104	86	95	77	54	64	96	36	69
20	105	79	95	104	82	95	67	57	62	67	13	47
21	103	72	93	107	75	91	88	52	64	73	44	59
22	99	64	92	111	75	102	85	53	62	85	39	62
23	98	84	94	109	78	98	81	51	67	74	22	56
24	91	71	81	111	95	100	88	67	78	83	27	55
25	81	66	72	105	97	102	87	74	81	72	20	54
26	76	56	68	111	97	104	85	39	69	75	32	54
27	90	52	75	108	97	103	98	38	71	---	---	---
28	88	75	83	112	79	102	91	64	82	---	---	---
29	---	---	---	116	101	107	91	33	76	---	---	---
30	---	---	---	110	88	98	82	35	64	---	---	---
31	---	---	---	119	78	102	---	---	---	---	---	---
MONTH	---	---	---	119	68	95	107	33	77	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9, NC—Continued

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

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	86	7	42	103	60	79	81	40	65
2	---	---	---	70	9	33	93	36	74	76	35	56
3	---	---	---	92	0	62	100	21	71	91	14	68
4	---	---	---	85	23	63	115	10	55	84	63	77
5	---	---	---	80	16	64	80	8	35	87	74	80
6	---	---	---	87	26	65	66	1	26	90	78	83
7	32	9	16	87	4	47	73	0	23	93	80	85
8	31	3	11	93	4	58	59	0	10	91	69	83
9	17	1	8	100	22	56	27	0	5	95	66	86
10	14	1	4	100	22	48	73	0	14	88	68	84
11	51	1	10	56	9	29	35	0	12	---	---	---
12	47	1	18	58	0	21	13	0	2	---	---	---
13	24	1	6	88	4	50	9	0	1	---	---	---
14	25	1	10	85	31	45	21	0	1	---	---	---
15	20	1	6	82	9	51	33	0	2	---	---	---
16	58	3	18	83	8	44	13	0	2	---	---	---
17	76	13	48	100	5	49	83	0	12	---	---	---
18	87	21	54	84	4	50	77	1	19	---	---	---
19	83	52	73	84	5	48	70	3	38	---	---	---
20	90	73	81	97	10	64	55	1	27	---	---	---
21	93	53	81	85	6	49	55	1	21	89	50	72
22	90	43	72	82	1	44	52	1	16	109	51	81
23	89	41	71	96	4	35	41	1	9	129	59	85
24	87	67	78	90	5	48	87	0	30	94	32	75
25	81	44	70	95	1	57	85	34	63	89	56	81
26	83	55	66	87	7	51	90	67	77	85	32	68
27	76	48	60	77	1	29	85	43	70	82	40	71
28	73	31	50	94	1	26	85	27	63	85	39	71
29	80	26	47	73	28	50	80	53	65	93	58	72
30	71	21	46	66	40	54	74	9	57	89	65	79
31	---	---	---	88	20	74	84	22	61	---	---	---
MONTH	---	---	---	100	0	49	115	0	34	---	---	---