

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9 AT CHERRY POINT, NC

Neuse Basin
Lower Neuse Subbasin

LOCATION.--Lat 34°56'55", long 76°48'35" referenced to North American Datum of 1983, Craven County, NC, Hydrologic Unit 03020204, at U.S. Coast Guard Channel Light 9.

WATER-QUALITY RECORDS

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.--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.

COOPERATION.--Station operated in cooperation with the North Carolina Department of Environment and Natural Resources.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SALINITY (TOP): Maximum recorded, 23.6 ppt, August 28, 2002; minimum recorded, <0.1 ppt, on many days during the period.

SALINITY (BOTTOM): Maximum recorded, 27.8 ppt, August 18, 2002; minimum recorded, <0.1 ppt, on many days during the period.

pH (TOP): Maximum recorded, 10.4 standard units, April 19, 1999; minimum recorded, 4.3 standard units, June 13, 1997.

pH (BOTTOM): Maximum recorded, 9.3 standard units, March 12, 13, 14, 16-20, 1999; minimum recorded, 5.7 standard units, April 21, 2004.

WATER TEMPERATURE (TOP): Maximum recorded, 32.8°C, August 4, 2006; minimum recorded, 0.2°C, January 25, 2003.

WATER TEMPERATURE (BOTTOM): Maximum recorded, 31.4°C, July 29, 1999, July 28, 2005; minimum recorded, 0.8°C, January 25, 2003.

DISSOLVED OXYGEN (TOP): Maximum recorded, 20.7 mg/L, April 10, 1991; minimum recorded, <1.0 mg/L, on many days during the period.

DISSOLVED OXYGEN (BOTTOM): Maximum recorded, 16.8 mg/L, April 26, 1991; minimum recorded, <1.0 mg/L, on many days during the period.

EXTREMES FOR CURRENT YEAR.--

SALINITY (TOP): Maximum recorded, 19.9 ppt, July 17, September 19; minimum recorded, 0.3 ppt, November 27.

SALINITY (BOTTOM): Maximum recorded, 25.7 ppt, July 20; minimum recorded, 1.6 ppt, November 27.

pH (TOP): Maximum recorded, 9.4 standard units, March 23, 24, 26; minimum recorded, 6.3 standard units, November 29.

pH (BOTTOM): Maximum recorded, 9.1 standard units, March 12; minimum recorded, 6.4 standard units, April 4.

WATER TEMPERATURE (TOP): Maximum recorded, 31.7°C, August 21; minimum recorded, 4.5°C, February 7.

WATER TEMPERATURE (BOTTOM): Maximum recorded, 30.5°C, August 9; minimum recorded, 4.4°C, February 7.

DISSOLVED OXYGEN (TOP): Maximum recorded, 16.6 mg/L, March 23; minimum recorded, 1.3 mg/L, July 17.

DISSOLVED OXYGEN (BOTTOM): Maximum recorded, 14.5 mg/L, February 27, 28; minimum recorded, 0.0 mg/L, October 4, 5, March 25, September 23.

DISSOLVED OXYGEN, PERCENT SATURATION (TOP): Maximum recorded, 178%, August 21; minimum recorded, 19%, July 17.

DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM): Maximum recorded, 136%, February 28; minimum recorded, 0%, October 4, 5, March 25, September 23.

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9 AT CHERRY POINT, NC—Continued

**SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, TOP
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	9.1	8.0	8.2	11.3	8.4	9.1	9.6	0.4	3.4	5.7	1.7	3.2
2	10.7	7.8	8.2	10.3	7.2	8.1	5.2	2.2	3.3	4.8	2.9	3.7
3	8.5	7.6	7.8	8.6	6.2	7.4	5.9	2.6	4.0	3.6	2.1	2.6
4	9.7	7.6	8.0	8.3	6.5	7.3	3.3	1.4	2.0	3.4	1.6	2.4
5	9.9	7.7	8.4	9.0	7.7	8.4	4.5	1.8	2.6	3.1	1.3	1.9
6	12.6	9.2	10.6	9.5	8.5	9.0	3.7	2.4	3.0	4.4	2.0	2.8
7	10.9	9.6	10.2	9.7	8.8	9.1	3.1	1.5	2.4	3.3	1.9	2.4
8	11.4	10.2	10.6	9.5	8.4	8.9	2.8	1.7	2.1	3.5	1.5	2.4
9	11.0	10.3	10.6	9.0	8.3	8.8	3.6	1.8	2.4	3.0	1.6	2.2
10	11.2	10.3	10.8	8.4	7.8	8.1	3.8	2.4	3.0	5.0	2.4	4.0
11	10.3	9.0	9.7	10.0	7.3	8.0	3.7	2.3	2.7	4.1	3.3	3.5
12	10.0	9.0	9.5	12.2	7.5	9.7	4.8	1.9	2.8	3.6	2.6	2.9
13	10.7	9.8	10.4	11.4	10.1	10.8	4.6	2.6	3.3	3.0	2.1	2.5
14	10.7	10	10.4	10.7	7.5	8.8	3.2	1.4	2.3	2.7	0.9	1.7
15	11.1	9.8	10.4	12.5	8.0	9.8	2.3	0.6	1.1	4.5	0.9	2.2
16	10.7	10.2	10.5	14.3	9.8	12.1	8.9	0.5	3.3	4.5	2.2	3.1
17	10.9	10.6	10.7	10.9	9.2	10.2	6.4	1.0	4.5	4.1	2.7	3.5
18	11.1	10.2	10.6	9.2	5.4	7.5	4.6	0.7	2.0	3.9	3.3	3.6
19	10.8	10.3	10.5	5.9	3.5	4.5	10.9	1.3	5.0	4.8	3.0	3.9
20	10.8	10.3	10.5	8.8	3.4	5.3	9.2	3.9	7.3	4.8	3.7	4.2
21	11.1	10.2	10.6	12.6	4.3	7.6	6.8	5.0	6.2	4.7	4.0	4.4
22	11.1	10.4	10.7	7.4	4.2	5.4	9.2	5.2	6.5	5.2	4.3	4.7
23	10.4	8.7	9.7	6.9	5.0	6.0	9.2	4.7	6.3	4.7	4.1	4.5
24	11.0	8.5	9.8	7.5	3.7	6.0	6.5	3.6	4.7	4.6	3.2	4.0
25	11.1	9.2	10.0	3.7	1.8	3.2	8.2	5.1	6.3	4.1	3.0	3.4
26	10.6	9.0	9.8	1.9	0.7	1.4	6.8	5.3	5.9	3.3	2.6	2.9
27	11.7	8.9	9.6	0.9	0.3	0.5	5.8	4.7	5.3	4.4	2.8	3.6
28	12.7	10.1	11.3	1.3	0.4	0.7	5.1	3.4	4.1	4.5	3.2	3.8
29	11.2	10	10.8	1.3	0.4	0.7	5.5	3.0	3.5	4.8	3.1	3.6
30	10.2	9.2	9.7	1.7	0.5	1.1	4.5	2.5	3.2	3.3	2.7	2.9
31	10.2	9.1	9.4	---	---	---	4.3	2.1	2.9	3.7	3.0	3.5
Month	12.7	7.6	9.9	14.3	0.3	6.8	10.9	0.4	3.8	5.7	0.9	3.2

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**SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, TOP
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	4.2	3.4	3.7	6.9	5.2	6.0	5.2	3.3	4.4	---	---	---
2	4.1	2.4	3.5	6.8	4.6	6.0	5.4	3.3	4.4	9.2	6.2	8.0
3	3.8	2.5	3.1	5.7	4.6	5.1	6.5	4.0	4.5	9.4	7.6	8.7
4	3.2	2.3	2.8	5.9	4.8	5.2	6.0	4.7	5.3	9.8	8.2	9.2
5	3.6	2.5	3.0	5.4	4.2	4.7	6.5	5.2	5.7	9.8	7.8	9.1
6	3.3	2.4	2.7	5.5	3.9	4.7	7.5	4.6	5.5	10.5	8.9	9.8
7	4.0	2.4	3.1	5.4	4.1	4.7	6.8	5.0	6.3	11.3	7.6	9.6
8	3.9	2.7	3.2	5.1	4.2	4.7	7.1	6.0	6.6	8.9	6.9	7.8
9	3.7	2.9	3.2	6.0	3.3	4.8	6.9	6.1	6.6	9.7	8.5	9.2
10	3.1	2.9	3.0	3.9	3.2	3.6	---	---	---	9.5	9.3	9.5
11	3.6	2.6	2.8	4.7	3.4	3.8	7.3	6.8	7.1	9.5	9.1	9.4
12	3.2	2.1	2.6	5.0	3.5	4.1	7.1	6.2	6.7	9.5	8.7	9.1
13	3.7	2.2	2.8	4.5	3.0	3.6	7.1	6.7	7.0	9.3	8.3	9.0
14	4.1	2.9	3.4	3.8	2.6	3.3	7.3	6.6	6.9	10	8.9	9.4
15	3.6	2.5	2.9	4.2	2.3	3.2	7.3	5.6	6.9	9.7	8.7	9.2
16	3.3	2.0	2.3	7.2	2.9	4.2	6.9	4.4	5.3	9.7	9.0	9.3
17	3.3	1.5	2.1	6.0	3.9	4.8	7.2	5.1	6.6	9.4	9.1	9.3
18	4.1	2.7	3.4	6.0	3.6	4.7	8.4	6.2	6.9	9.5	8.5	9.1
19	4.1	3.2	3.5	6.0	3.4	4.3	7.1	6.2	6.7	8.7	7.4	7.9
20	4.9	3.7	4.3	4.8	4.1	4.4	6.6	4.9	5.8	8.5	7.3	7.8
21	4.9	3.7	4.5	5.7	4.4	5.1	5.8	3.9	4.5	9.9	8.1	8.5
22	5.3	3.2	4.0	5.2	3.9	4.7	5.8	3.0	3.7	9.8	8.6	9.4
23	6.0	3.7	4.6	4.8	3.3	4.0	6.2	2.5	3.6	9.8	8.3	9.3
24	5.7	4.2	4.8	4.7	2.6	3.7	5.9	3.6	4.7	9.7	8.2	8.7
25	7.6	4.4	5.4	6.0	1.8	4.0	6.4	3.4	5.0	8.8	7.8	8.1
26	6.4	4.9	5.7	6.8	4.6	5.6	7.0	5.2	6.2	8.7	8.0	8.1
27	6.5	5.1	6.0	5.3	3.2	4.2	11.5	6.1	9.2	9.0	8.1	8.4
28	6.9	5.6	6.1	4.8	3.1	3.6	8.8	5.2	7.2	8.9	8.1	8.5
29	---	---	---	6.1	4.5	5.1	8.6	5.5	6.5	10.9	8.2	8.9
30	---	---	---	5.9	4.7	5.4	8.5	4.5	5.7	10.3	9.2	9.7
31	---	---	---	5.1	3.8	4.4	---	---	---	10.7	9.3	10.1
Month	7.6	1.5	3.7	7.2	1.8	4.5	---	---	---	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9 AT CHERRY POINT, NC—Continued

**SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, TOP
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	10.4	9.5	10.1	13.7	12.5	13.1	17.5	17.2	17.4	19.0	14.7	16.9
2	10.5	9.5	10	14.6	13.5	14.0	17.6	16.9	17.3	19.8	17.5	18.8
3	10.9	9.2	10.3	14.7	13.6	14.4	17.2	16.9	17.1	18.7	18.3	18.4
4	10.3	9.2	9.7	14.4	13.4	14.0	17.3	16.3	16.7	18.6	17.9	18.3
5	11.0	9.7	10.3	14.0	13.1	13.7	17.1	16.1	16.4	19.0	17.3	18.0
6	10.7	10.0	10.4	14.3	13.1	13.5	18.0	15.9	16.9	19.3	17.5	18.4
7	11.1	9.5	10.1	15.3	12.6	13.3	17.4	16.6	16.9	19.3	18.5	18.8
8	10.7	8.7	9.9	14.3	12.0	12.8	17.6	16.7	17.2	19.2	17.0	17.9
9	11.2	9.3	10.6	14.6	11.8	12.7	17.7	16.9	17.3	19.0	16.2	17.8
10	12.4	10.4	11.1	14.7	12.0	13.2	18.6	17.2	17.8	17.5	16.1	16.8
11	12.2	10.8	11.5	15.7	14.0	14.7	18.8	18.0	18.4	17.7	16.7	17.3
12	11.3	8.5	9.8	16.9	14.5	15.5	18.9	18.4	18.6	18.4	17.1	17.7
13	12.0	8.5	10.3	15.8	13.1	14.5	18.7	17.9	18.4	18.7	17.5	18.3
14	12.7	11.3	11.7	14.9	12.1	13.2	18.5	16.9	17.5	18.6	17.6	18.2
15	12.2	10.9	11.6	15.7	11.5	13.4	19.0	17.7	18.2	18.2	17.5	17.8
16	11.8	10.0	10.7	16.4	12.1	13.7	18.0	16.5	17.4	18.4	17.8	18.2
17	10.9	9.5	10.1	19.9	13.9	15.5	18.7	16.7	17.9	19.5	17.9	18.6
18	11.7	9.2	9.7	17.5	14.7	16.0	18.4	17.8	18.1	19.8	18.3	18.9
19	11.6	9.3	10.1	16.9	13.5	15.4	18.4	17.9	18.2	19.9	17.6	18.6
20	12.0	9.7	10.9	18.0	14.9	16.5	18.6	17.3	17.9	18.7	17.5	18.0
21	12.2	10.8	11.2	17.5	16.9	17.3	18.8	17.8	18.3	18.5	16.4	17.6
22	11.7	10.2	10.7	17.5	14.6	16.4	19.4	18.6	18.8	18.1	16.9	17.3
23	12.4	10.5	11.5	16.7	13.7	14.4	19.2	18.9	19.1	19.3	15.8	16.5
24	12.4	11.6	12.0	17.2	14.7	15.7	19.2	18.8	19.0	19.3	16.3	17.6
25	12.3	11.3	11.9	17.2	15.3	16.3	19.1	17.7	18.3	18.4	16.9	17.4
26	12.3	10.9	11.4	17.1	16.4	16.7	18.4	17.4	18.0	17.9	16.3	17.0
27	13.1	10.9	11.5	17.1	16.2	16.7	18.2	17.3	17.6	17.9	16.4	17.0
28	14.0	10.9	11.7	17.1	15.8	16.4	18.9	17.5	18.4	17.7	16.0	16.6
29	13.9	11.2	12.3	17.5	16.3	16.7	18.9	18.5	18.8	17.6	15.8	16.7
30	13.3	12.4	12.9	17.5	16.3	17.0	19.3	18.4	18.8	18.8	16.5	17.6
31	---	---	---	17.7	17.1	17.4	19.3	17.5	19.0	---	---	---
Month	14.0	8.5	10.9	19.9	11.5	15.0	19.4	15.9	17.9	19.9	14.7	17.8

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9 AT CHERRY POINT, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, BOTTOM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	14.2	8.3	10.7	14.5	10.7	12.7	13.9	7.8	11.3	9.2	2.9	5.7
2	12.4	8.1	10.3	15.4	7.8	12.2	9.8	2.5	6.0	4.9	2.9	4.0
3	14.3	8.8	11.1	12.3	7.1	9.0	6.0	2.7	4.3	4.5	2.3	3.3
4	15.1	10.4	13.1	12.8	7.1	9.0	5.0	1.9	2.9	5.5	2.6	3.8
5	15.6	9.1	13.0	11.5	8.2	9.2	6.5	2.4	3.8	8.7	3.2	4.8
6	15.0	10.1	12.1	10.7	8.6	9.2	5.9	3.3	4.2	8.7	2.8	4.9
7	12.8	9.6	10.8	10.6	9.0	9.4	8.1	2.5	4.3	8.6	2.1	4.3
8	12.6	10.4	10.9	10.0	8.8	9.3	6.8	1.7	2.5	8.7	1.9	4.5
9	11.8	10.4	10.8	9.3	8.5	9.0	7.5	2.1	4.4	4.8	1.9	2.7
10	11.3	10.6	10.9	12.4	8.5	9.9	10.2	4.7	7.9	5.2	2.7	4.4
11	11.1	9.7	10.2	15.7	9.6	13.3	10.5	7.1	9.8	4.8	3.4	4.1
12	11.6	9.5	10.3	15.7	9.9	12.8	10.6	6.2	9.6	4.4	2.8	3.5
13	11.5	10.2	10.7	12.2	10.5	11.0	10.3	7.1	9.0	4.6	2.8	3.8
14	11.1	10.0	10.5	13.5	10.0	12.1	10.6	9.2	10.2	7.7	3.2	5.3
15	11.8	10.3	10.8	14.7	11.4	13.2	11.1	9.9	10.6	9.3	4.1	7.5
16	11.8	10.4	10.9	14.7	10.3	12.9	12.6	10.0	10.8	10.7	2.7	7.7
17	11.5	10.6	10.9	13.1	9.9	10.9	12.8	10.2	11.2	6.8	2.8	3.6
18	11.4	10.4	10.8	13.3	7.3	10.3	13.4	11.4	12.6	6.8	3.3	4.0
19	11.9	10.5	11.0	13.4	9.3	12.0	13.5	10.9	12.3	5.0	3.0	4.0
20	11.6	10.3	10.7	14.7	6.5	11.6	13.1	7.5	9.6	5.2	3.9	4.4
21	11.2	10.3	10.8	12.8	4.6	8.4	9.6	6.2	7.3	5.2	4.1	4.6
22	11.2	10.4	10.7	11.3	4.3	6.4	10.6	7.6	8.7	5.3	4.5	4.8
23	10.5	8.8	9.9	8.8	5.1	6.5	11.4	6.5	8.2	5.0	4.4	4.6
24	11.0	8.6	9.9	8.6	4.1	6.7	9.7	5.6	7.8	5.0	3.7	4.3
25	11.5	9.5	10.4	7.4	2.9	5.6	9.7	6.2	7.0	4.7	3.0	3.8
26	12.8	9.6	10.6	6.4	1.8	4.6	7.1	5.3	6.0	5.6	2.7	3.5
27	13.6	9.3	12.2	8.9	1.6	6.0	7.0	4.9	5.4	5.4	3.2	4.2
28	13.5	10.3	11.7	10.2	5.5	8.0	7.7	4.2	6.2	5.9	3.6	4.2
29	11.3	10.2	10.9	13.0	6.0	9.4	8.0	5.3	7.1	5.0	3.1	4.1
30	13.0	9.7	10.9	13.3	7.6	11.1	7.9	3.2	5.3	6.0	2.9	3.7
31	13.4	10.2	11.7	---	---	---	7.9	3.5	4.9	5.2	3.2	3.6
Month	15.6	8.1	11.0	15.7	1.6	9.7	13.9	1.7	7.5	10.7	1.9	4.4

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9 AT CHERRY POINT, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, BOTTOM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	5.0	3.5	3.9	7.0	5.2	6.1	7.6	4.5	5.8	---	---	---
2	4.4	2.6	3.8	6.8	5.0	5.9	7.0	4.5	5.4	14.5	8.3	10.6
3	4.5	2.6	3.5	6.0	4.7	5.1	10.6	5.9	8.0	13.6	8.5	9.8
4	3.7	2.4	3.0	5.7	4.6	5.0	9.5	5.6	7.9	11.2	8.6	9.5
5	4.3	2.6	3.3	5.2	4.0	4.6	10.1	5.4	6.4	10.4	8.6	9.5
6	3.4	2.4	2.8	7.3	4.0	4.8	8.2	5.0	6.6	10.5	9.0	9.8
7	4.2	2.4	3.3	5.2	4.1	4.7	7.7	5.8	6.6	11.3	7.8	9.7
8	4.2	2.8	3.4	5.3	4.0	4.5	7.1	6.4	6.7	9.0	7.1	8.0
9	4.0	3.1	3.4	5.7	3.6	4.7	7.4	6.4	6.8	9.7	8.5	9.3
10	3.6	2.9	3.0	4.8	3.5	3.8	---	---	---	9.6	9.3	9.5
11	4.1	2.6	3.1	5.7	3.3	4.0	7.8	7.0	7.2	9.5	9.2	9.4
12	3.7	2.7	3.2	5.1	3.6	4.3	7.3	6.4	6.9	10.2	9.0	9.5
13	4.7	3.0	3.7	4.6	3.4	3.8	7.1	6.8	7.0	9.9	8.5	9.1
14	5.0	3.0	3.5	6.1	3.3	4.4	7.5	6.7	7.1	10	8.9	9.5
15	4.0	3.0	3.4	8.8	3.3	5.5	7.5	5.7	7.0	10.2	9.0	9.5
16	4.2	2.0	2.5	9.8	3.8	6.5	7.9	4.5	5.5	9.8	9.1	9.4
17	5.5	2.5	3.6	5.7	3.8	4.8	7.8	6.2	7.0	9.5	9.2	9.3
18	5.3	2.9	3.5	6.5	3.9	5.1	8.6	6.4	7.4	9.5	8.6	9.2
19	4.5	3.2	3.9	7.8	4.2	5.7	7.8	6.4	7.0	9.3	7.6	8.4
20	6.3	4.0	4.6	7.9	4.3	6.0	6.9	5.0	6.0	9.9	7.6	8.6
21	5.7	4.4	4.8	6.9	4.6	5.5	7.8	4.9	6.1	10.9	8.3	8.9
22	6.8	3.3	4.5	6.5	4.7	5.4	7.7	4.6	6.5	10.3	9.0	9.6
23	6.5	3.6	4.7	8.1	5.3	6.5	8.8	4.4	7.6	9.9	8.5	9.4
24	7.6	4.8	5.8	10.2	5.4	7.3	10.7	4.5	6.3	9.7	8.2	8.8
25	9.9	5.5	6.8	10.9	3.1	7.1	11.1	5.8	8.4	9.5	8.0	8.6
26	8.1	5.5	6.0	7.4	5.3	6.1	12.1	6.5	9.4	10.2	8.0	8.8
27	6.7	5.4	6.0	8.4	4.2	5.7	13.7	9.9	11.6	10.9	8.7	9.7
28	6.8	5.5	5.9	8.5	3.4	5.9	11.7	6.0	8.9	12.6	8.9	10.5
29	---	---	---	7.3	4.4	5.5	12.0	6.0	8.0	12.2	8.5	10.3
30	---	---	---	6.9	4.9	5.5	16.5	5.4	9.3	11.8	9.5	10.3
31	---	---	---	7.1	4.5	5.5	---	---	---	11.1	9.7	10.4
Month	9.9	2.0	4.0	10.9	3.1	5.3	---	---	---	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9 AT CHERRY POINT, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, BOTTOM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	10.6	9.6	10.3	16.3	12.7	13.5	17.7	17.2	17.4	19.9	17.5	19.0
2	11.4	9.7	10.3	14.9	13.7	14.3	17.7	17.0	17.4	19.7	17.8	19.0
3	11.0	9.3	10.4	15.4	14.1	14.5	17.3	16.9	17.2	18.8	18.3	18.4
4	11.7	9.2	9.9	14.9	13.8	14.3	17.9	16.4	17.1	19.6	17.9	18.5
5	11.8	9.7	10.7	14.7	13.7	14.1	17.9	16.4	17.1	19.9	17.5	18.7
6	12.0	10.4	10.7	15.8	13.2	14.0	18.3	17.2	17.6	19.9	17.7	18.7
7	13.3	10.3	11.5	16.9	13.2	14.6	18.3	17.0	17.7	19.4	18.7	19.0
8	16.3	10.4	11.8	17.4	13.9	15.0	19.6	17.3	18.0	19.6	17.2	18.5
9	15.7	10.6	11.6	18.2	13.3	15.6	19.9	17.3	18.0	19.1	16.4	17.9
10	13.5	10.7	11.8	19.7	13.0	16.6	20.8	17.5	18.5	19.3	16.2	17.3
11	13.2	11.6	12.1	20.0	14.5	16.0	19.6	17.9	18.3	18.3	17.1	17.7
12	12.6	10.3	11.2	18.1	15.0	16.0	19.0	18.3	18.5	19.0	17.2	17.9
13	12.8	9.9	11.4	18.9	14.1	16.4	18.6	17.9	18.3	18.5	17.7	18.2
14	12.8	11.3	11.8	18.0	14.2	15.7	19.0	16.9	17.9	18.4	17.4	18.0
15	12.8	11.1	11.9	20.5	15.5	17.7	19.3	17.7	18.6	18.3	17.3	17.7
16	13.2	10.6	11.7	22.0	16.2	19.1	19.2	17.5	18.1	18.2	17.6	17.9
17	12.9	9.8	11.3	23.1	16.6	20.4	19.6	17.1	18.3	19.2	17.7	18.3
18	13.7	9.9	12.0	23.3	17.7	20.7	19.0	17.9	18.3	19.6	18.1	18.7
19	14.1	11.7	13.0	24.7	18.0	21.8	18.8	18.1	18.3	19.6	17.5	18.5
20	15.0	10.9	12.9	---	---	---	19.8	17.5	18.2	18.6	17.3	17.8
21	13.8	11.2	11.9	---	---	---	20.1	17.9	18.5	18.9	16.6	17.6
22	14.4	10.2	11.5	---	---	---	19.5	18.6	19.0	19.1	17.0	17.7
23	14.1	10.9	12.4	---	---	---	19.6	19.1	19.2	19.5	16.2	18.1
24	13.7	11.8	12.3	---	---	---	19.5	18.9	19.2	19.5	16.9	18.0
25	13.1	11.8	12.2	---	---	---	19.6	18.0	18.8	18.5	16.9	17.7
26	13.7	11.7	12.5	---	---	---	19.6	17.9	18.6	18.6	16.9	17.7
27	14.7	12.0	13.5	17.9	16.4	17.1	20.3	17.5	18.6	18.5	16.4	17.6
28	17.1	12.1	14.7	18.8	16.4	17.1	21.0	18.0	19.0	18.3	15.9	17.1
29	17.8	12.2	14.2	18.9	16.7	17.5	19.1	18.6	18.9	17.9	15.7	16.7
30	17.1	12.8	13.8	18.8	16.7	17.6	19.3	18.5	18.9	18.6	16.1	17.3
31	---	---	---	18.1	17.1	17.4	19.5	18.6	19.0	---	---	---
Month	17.8	9.2	11.9	---	---	---	21.0	16.4	18.3	19.9	15.7	18.0

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9 AT CHERRY POINT, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, TOP
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	October			November			December			January		
1	8.1	7.4	7.8	8.4	7.8	8.2	7.3	6.4	6.9	7.6	7.3	7.4
2	8.4	7.3	7.9	8.5	8.0	8.4	7.2	6.9	7.0	7.6	7.3	7.4
3	8.5	8.0	8.1	8.4	8.2	8.3	7.3	7.0	7.2	7.5	7.3	7.3
4	8.4	7.7	8.2	8.4	8.1	8.2	7.2	7.0	7.1	7.4	7.3	7.3
5	8.5	7.8	8.1	8.2	7.9	8.1	7.2	7.0	7.1	7.3	7.2	7.3
6	8.1	7.1	7.8	8.1	8.0	8.1	7.2	7.1	7.2	7.4	7.2	7.3
7	8.0	7.3	7.7	8.1	7.8	8.1	7.2	6.9	7.1	7.4	7.2	7.3
8	7.8	7.6	7.7	8.2	7.8	7.9	7.3	7.1	7.2	7.3	7.1	7.2
9	7.9	7.5	7.6	8.0	7.8	7.9	7.3	7.2	7.2	7.3	7.2	7.2
10	8.1	7.5	7.7	8.3	7.8	8.0	7.3	7.2	7.2	7.4	7.2	7.3
11	8.5	7.7	7.9	8.2	7.8	8.0	7.2	7.1	7.2	7.6	7.3	7.3
12	8.4	7.5	8.1	8.1	7.3	7.6	7.4	7.1	7.2	7.9	7.4	7.4
13	8.2	7.9	8.1	7.5	7.4	7.5	7.4	7.0	7.2	7.4	7.3	7.4
14	8.2	8.0	8.1	8.0	7.5	7.7	7.1	7.0	7.1	7.6	7.2	7.3
15	8.3	7.9	8.1	8.2	7.5	7.8	7.1	6.9	7.0	7.6	7.1	7.4
16	8.4	8.1	8.2	8.1	7.6	7.7	7.3	6.8	7.0	7.6	7.3	7.4
17	8.2	7.9	8.0	8.5	7.8	7.9	7.4	6.9	7.1	7.6	7.4	7.5
18	8.3	7.7	7.9	8.8	8.0	8.2	7.3	6.9	7.0	7.6	7.5	7.6
19	8.2	7.7	8.0	8.1	7.8	7.9	7.4	6.8	7.1	7.7	7.4	7.5
20	8.1	7.9	8.0	8.5	7.7	8.0	7.5	7.2	7.3	7.5	7.5	7.5
21	8.1	7.8	8.0	8.5	7.8	8.1	7.6	7.2	7.3	7.7	7.5	7.6
22	8.1	7.9	8.0	8.0	7.7	7.8	7.5	7.2	7.4	7.7	7.6	7.6
23	8.2	7.9	8.1	7.9	7.6	7.8	7.5	7.2	7.4	7.7	7.6	7.6
24	8.1	7.8	7.9	7.9	7.4	7.6	7.5	7.2	7.4	7.9	7.6	7.7
25	8.0	7.8	7.9	7.4	7.1	7.3	7.5	7.3	7.4	7.8	7.6	7.8
26	8.3	7.8	8.0	7.1	6.6	7.0	7.4	7.3	7.3	7.7	7.6	7.6
27	8.3	7.7	8.2	6.6	6.4	6.5	7.4	7.3	7.4	7.8	7.6	7.7
28	8.0	7.3	7.8	6.6	6.4	6.5	8.1	7.3	7.5	9.0	7.6	7.7
29	8.1	7.6	7.8	6.5	6.3	6.5	7.8	7.4	7.5	7.7	7.5	7.6
30	8.3	8.0	8.0	6.7	6.4	6.5	7.7	7.4	7.5	7.8	7.6	7.7
31	8.3	8.0	8.2	---	---	---	8.1	7.4	7.6	7.9	7.6	7.7
Max	8.5	8.1	8.2	8.8	8.2	8.4	8.1	7.4	7.6	9.0	7.6	7.8
Min	7.8	7.1	7.6	6.5	6.3	6.5	7.1	6.4	6.9	7.3	7.1	7.2

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9 AT CHERRY POINT, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, TOP
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	February			March			April			May		
1	8.0	7.6	7.7	8.8	8.2	8.6	9.3	8.0	8.6	---	---	---
2	8.6	7.5	7.7	8.6	7.6	8.1	9.0	7.6	8.3	8.3	7.5	7.9
3	7.9	7.5	7.7	8.6	7.8	8.3	8.9	7.0	8.4	8.0	7.6	7.8
4	7.8	7.5	7.6	8.6	7.9	8.1	8.8	7.3	8.3	7.7	7.4	7.5
5	8.0	7.5	7.6	8.6	7.9	8.2	8.6	7.5	8.2	7.8	7.4	7.5
6	7.8	7.5	7.5	8.6	7.9	8.3	9.0	8.0	8.3	7.6	7.3	7.5
7	8.1	7.5	7.6	8.8	7.8	8.2	8.7	6.9	7.5	7.7	7.5	7.6
8	8.0	7.5	7.6	8.6	8.1	8.4	8.4	7.3	7.7	7.8	7.5	7.5
9	7.8	7.6	7.6	8.7	8.3	8.4	8.7	7.8	8.2	7.9	7.6	7.8
10	7.7	7.6	7.6	8.7	8.2	8.6	---	---	---	8.0	7.7	7.8
11	7.8	7.5	7.6	8.8	8.5	8.7	8.4	7.9	8.0	8.0	7.8	7.9
12	7.8	7.6	7.6	9.2	8.4	8.7	8.4	7.8	8.0	8.2	7.7	7.9
13	8.0	7.6	7.7	9.2	8.4	8.8	8.6	8.0	8.2	8.0	7.7	7.8
14	7.9	7.6	7.6	9.2	8.7	8.9	8.2	7.9	8.1	7.8	7.6	7.7
15	7.8	7.5	7.6	8.9	8.4	8.7	8.0	7.6	7.8	7.9	7.5	7.7
16	7.7	7.5	7.5	8.7	7.3	8.4	8.2	7.6	7.7	7.8	7.3	7.5
17	7.8	7.5	7.6	8.0	7.5	7.6	7.8	7.5	7.6	7.7	7.4	7.6
18	8.3	7.6	7.6	8.5	7.6	7.7	7.7	7.4	7.6	7.6	7.3	7.5
19	7.8	7.5	7.6	8.7	7.9	8.4	7.6	7.5	7.6	7.8	7.3	7.5
20	7.8	7.6	7.6	9.1	8.2	8.5	7.8	7.5	7.6	8.0	7.5	7.7
21	8.4	7.5	7.9	9.2	8.4	8.9	8.5	7.5	7.8	8.1	7.3	7.7
22	8.2	7.4	7.8	9.3	8.5	8.9	9.0	7.8	8.4	7.6	7.3	7.5
23	7.9	7.3	7.4	9.4	8.7	9.0	8.9	7.5	8.6	7.7	7.2	7.5
24	7.6	7.3	7.4	9.4	8.4	8.9	8.1	7.5	7.9	7.6	7.3	7.5
25	8.2	7.4	7.9	9.1	8.0	8.9	8.9	7.6	7.9	7.8	7.3	7.6
26	8.6	7.6	8.0	9.4	7.8	8.8	8.5	7.6	7.9	7.9	7.4	7.6
27	8.8	7.6	8.6	9.3	8.6	8.9	8.0	7.4	7.7	8.0	7.5	7.7
28	9.0	8.5	8.7	9.3	8.8	9.1	8.6	7.8	8.3	8.0	7.6	7.8
29	---	---	---	9.1	8.3	8.7	8.7	8.0	8.3	7.9	7.3	7.7
30	---	---	---	9.1	8.1	8.7	9.0	7.9	8.7	8.1	7.5	7.9
31	---	---	---	9.1	8.2	8.9	---	---	---	8.1	7.5	7.9
Max	9.0	8.5	8.7	9.4	8.8	9.1	---	---	---	---	---	---
Min	7.6	7.3	7.4	8.0	7.3	7.6	---	---	---	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9 AT CHERRY POINT, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, TOP
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	June			July			August			September		
1	8.2	7.6	7.8	7.9	7.6	7.8	8.0	7.8	7.9	8.5	8.1	8.3
2	7.9	7.4	7.7	8.0	7.7	7.8	8.3	7.9	8.0	8.3	8.2	8.2
3	7.5	7.2	7.4	8.0	7.7	7.8	8.2	8.0	8.1	8.3	8.2	8.2
4	7.8	7.4	7.5	7.9	7.6	7.7	8.5	8.0	8.2	8.2	8.0	8.1
5	8.1	7.5	7.8	7.9	7.7	7.8	8.4	8.0	8.2	8.2	8.0	8.2
6	8.2	7.7	7.9	8.1	7.6	7.9	8.4	7.8	8.2	8.2	7.9	8.1
7	8.3	7.9	8.1	8.2	7.5	7.9	8.3	8.1	8.2	8.1	8.0	8.0
8	8.4	7.8	8.0	8.2	7.8	8.0	8.3	8.0	8.2	8.0	7.8	7.9
9	8.2	7.6	7.9	8.3	7.9	8.1	8.2	7.9	8.1	7.9	7.8	7.8
10	8.1	7.8	7.9	8.2	7.8	8.0	8.2	7.5	7.9	8.0	7.7	7.8
11	8.1	7.7	7.9	7.9	7.6	7.8	8.0	7.8	8.0	8.0	7.7	7.8
12	8.3	7.9	8.1	8.0	7.5	7.8	8.0	7.8	7.9	7.8	7.7	7.8
13	8.1	7.7	8.0	8.2	7.8	8.0	8.1	7.9	8.0	7.9	7.7	7.9
14	8.1	7.7	7.9	8.2	7.9	8.1	8.1	8.0	8.1	7.9	7.8	7.8
15	8.2	7.8	8.0	8.3	8.0	8.1	8.1	7.7	8.0	8.0	7.7	7.9
16	8.3	7.9	8.1	8.2	7.8	8.1	8.4	8.0	8.2	8.1	7.9	8.0
17	8.5	7.8	8.2	8.1	7.3	7.9	8.4	7.8	8.0	8.1	7.9	8.0
18	8.5	7.8	8.3	8.0	7.7	7.9	8.2	8.0	8.1	8.0	7.9	8.0
19	8.5	7.9	8.2	8.2	7.8	8.1	8.2	8.0	8.1	8.0	7.9	8.0
20	8.3	7.8	8.0	8.1	7.7	7.9	8.3	8.0	8.2	8.1	7.9	7.9
21	8.4	7.6	8.0	8.0	7.8	7.9	8.3	8.0	8.2	8.1	7.9	8.0
22	8.3	7.8	8.1	8.2	7.9	8.0	8.3	8.0	8.2	8.1	7.9	8.0
23	8.2	7.8	8.0	8.2	7.9	8.0	8.2	7.9	8.1	8.2	7.9	8.0
24	8.1	7.7	8.0	8.4	8.0	8.1	8.1	7.9	8.0	8.1	7.8	8.1
25	8.1	7.6	7.9	8.3	8.0	8.2	8.2	7.9	8.1	8.2	7.9	8.1
26	8.2	7.7	7.9	8.3	7.9	8.1	8.2	8.0	8.1	8.2	7.8	8.1
27	8.1	7.6	7.8	8.2	8.0	8.0	8.2	8.0	8.1	8.3	8.0	8.1
28	8.1	7.3	7.8	8.2	7.9	8.1	8.2	7.9	8.0	8.3	8.0	8.1
29	8.0	7.4	7.8	8.2	7.9	8.1	8.1	7.9	8.0	8.2	8.1	8.2
30	8.0	7.6	7.8	8.2	7.7	8.0	8.3	7.9	8.1	8.2	8.0	8.1
31	---	---	---	8.0	7.7	7.9	8.3	8.0	8.1	---	---	---
Max	8.5	7.9	8.3	8.4	8.0	8.2	8.5	8.1	8.2	8.5	8.2	8.3
Min	7.5	7.2	7.4	7.9	7.3	7.7	8.0	7.5	7.9	7.8	7.7	7.8

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9 AT CHERRY POINT, NC—Continued

**PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, BOTTOM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	October			November			December			January		
1	8.1	7.2	7.5	8.3	7.8	8.0	7.3	7.1	7.2	7.7	7.3	7.4
2	8.0	7.2	7.6	8.8	7.5	8.0	7.2	7.0	7.1	7.7	7.4	7.5
3	8.2	7.2	7.5	8.7	8.1	8.4	7.3	7.0	7.2	7.6	7.3	7.4
4	7.6	7.1	7.3	8.5	7.7	8.3	7.2	7.0	7.1	7.5	7.3	7.4
5	8.5	7.1	7.3	8.5	7.6	8.2	7.3	7.0	7.1	7.4	7.1	7.3
6	8.1	7.1	7.4	8.4	7.9	8.3	7.2	7.0	7.2	7.4	7.1	7.3
7	8.1	7.4	7.7	8.4	7.6	8.3	7.2	7.0	7.1	7.5	7.2	7.3
8	8.0	7.5	7.9	8.3	7.8	8.1	7.2	7.1	7.1	7.4	7.1	7.3
9	8.1	7.5	7.8	8.2	7.9	8.1	7.3	7.1	7.2	7.3	7.2	7.3
10	8.4	7.8	8.0	8.1	7.6	7.8	7.4	7.2	7.3	7.5	7.2	7.4
11	8.2	7.8	8.0	7.9	7.3	7.6	7.4	7.2	7.3	7.6	7.4	7.4
12	8.3	7.6	8.1	7.8	7.5	7.6	7.4	7.2	7.3	7.6	7.4	7.5
13	8.3	7.7	8.2	7.8	7.6	7.7	7.4	7.2	7.3	7.6	7.3	7.4
14	8.3	8.1	8.2	7.8	7.6	7.7	7.4	7.2	7.3	7.4	7.1	7.2
15	8.4	7.8	8.2	7.9	7.6	7.7	7.4	7.2	7.3	7.4	7.1	7.2
16	8.5	7.7	8.2	7.9	7.5	7.6	7.4	7.2	7.3	7.4	7.0	7.1
17	8.3	7.8	8.1	8.3	7.6	7.8	7.5	7.2	7.3	7.6	7.2	7.5
18	8.2	7.7	7.9	8.4	7.5	8.0	7.5	7.3	7.4	7.6	7.3	7.4
19	8.1	7.4	7.7	8.1	7.6	7.8	7.7	7.3	7.5	7.6	7.4	7.4
20	8.2	7.5	8.1	8.5	7.4	8.0	7.9	7.6	7.6	7.6	7.5	7.5
21	8.2	7.8	8.0	8.5	7.8	8.1	7.8	7.6	7.7	7.7	7.5	7.5
22	8.2	7.9	8.1	8.0	7.7	7.8	7.9	7.6	7.7	7.7	7.6	7.6
23	8.3	8.0	8.2	7.9	7.6	7.7	7.8	7.3	7.7	7.7	7.6	7.6
24	8.2	8.0	8.1	7.8	7.5	7.6	7.8	7.4	7.6	7.7	7.3	7.6
25	8.1	7.8	8.0	7.7	7.2	7.5	7.8	7.4	7.6	7.7	7.4	7.5
26	8.5	7.8	8.2	7.5	7.0	7.3	7.7	7.5	7.6	7.7	7.3	7.4
27	8.6	7.6	7.9	7.4	7.0	7.2	7.7	7.6	7.7	7.6	7.4	7.5
28	8.3	7.6	8.0	7.3	7.0	7.2	7.8	7.6	7.7	7.7	7.1	7.4
29	8.5	8.0	8.1	7.3	7.0	7.1	8.2	7.6	7.7	7.6	7.2	7.4
30	8.4	8.0	8.2	7.3	7.0	7.2	8.1	7.6	7.7	7.6	7.4	7.5
31	8.5	7.9	8.2	---	---	---	7.9	7.5	7.7	7.8	7.4	7.5
Max	8.6	8.1	8.2	8.8	8.1	8.4	8.2	7.6	7.7	7.8	7.6	7.6
Min	7.6	7.1	7.3	7.3	7.0	7.1	7.2	7.0	7.1	7.3	7.0	7.1

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9 AT CHERRY POINT, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, BOTTOM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	February			March			April			May		
1	7.8	7.4	7.6	8.7	7.4	8.6	8.4	6.7	7.2	---	---	---
2	8.3	7.4	7.5	8.6	7.4	8.0	7.9	6.9	7.4	8.0	7.1	7.5
3	7.8	7.4	7.6	8.4	7.8	8.1	7.2	6.5	6.8	7.9	7.0	7.6
4	7.7	7.3	7.6	8.6	8.0	8.2	7.7	6.4	6.7	7.8	7.3	7.5
5	7.8	7.4	7.5	8.7	7.9	8.2	8.6	6.6	8.0	7.8	7.3	7.5
6	7.6	7.3	7.4	8.6	7.7	8.2	8.4	7.5	8.0	7.7	7.4	7.6
7	7.9	7.3	7.4	8.8	7.8	8.3	8.2	6.8	7.4	7.8	7.6	7.7
8	7.8	7.3	7.5	8.6	8.1	8.4	8.3	7.2	7.6	7.9	7.5	7.6
9	7.7	7.4	7.5	8.7	8.3	8.5	8.6	7.4	7.9	8.0	7.6	7.8
10	7.7	7.5	7.5	8.6	8.2	8.5	---	---	---	8.1	7.6	7.9
11	7.8	7.4	7.5	8.8	8.1	8.5	8.1	7.4	7.8	8.0	7.4	7.9
12	7.6	7.3	7.5	9.1	8.3	8.6	8.2	7.4	7.8	7.9	7.2	7.6
13	7.9	7.3	7.5	8.8	8.0	8.5	8.3	7.7	8.0	8.0	7.4	7.8
14	7.8	7.3	7.5	8.8	7.3	8.4	8.0	7.4	7.8	7.8	7.4	7.7
15	7.6	7.4	7.5	8.5	6.9	7.8	7.7	7.4	7.6	7.8	7.1	7.6
16	8.0	7.3	7.4	8.2	6.9	7.3	7.9	7.2	7.4	7.7	7.2	7.5
17	7.8	7.1	7.5	7.9	7.3	7.5	7.4	7.2	7.3	7.7	7.4	7.6
18	8.2	7.2	7.5	8.3	7.3	7.5	7.4	7.1	7.2	7.6	7.4	7.6
19	7.6	7.3	7.4	8.5	7.8	8.2	7.3	7.1	7.2	7.8	7.3	7.5
20	7.6	7.1	7.4	8.6	7.4	8.1	7.4	7.1	7.3	7.9	7.4	7.6
21	7.9	7.1	7.4	8.9	7.5	8.6	7.4	7.0	7.1	8.2	7.3	7.8
22	8.1	7.1	7.5	8.7	7.0	7.9	7.3	6.9	7.1	7.9	7.4	7.7
23	8.0	7.3	7.5	7.9	6.7	7.0	7.9	6.9	7.0	7.9	7.5	7.7
24	8.0	7.4	7.6	7.4	6.8	7.0	7.8	6.9	7.2	8.0	7.7	7.8
25	8.3	7.6	8.0	8.7	6.7	7.6	7.8	6.9	7.0	8.1	7.4	7.7
26	8.7	7.6	7.9	8.8	7.2	7.6	7.3	6.9	7.0	8.1	7.2	7.7
27	8.8	7.8	8.4	8.8	6.9	7.8	7.5	7.0	7.2	7.9	7.2	7.5
28	9.0	8.4	8.7	8.9	6.8	7.5	8.1	7.1	7.5	7.9	7.2	7.5
29	---	---	---	8.6	7.0	8.0	8.2	7.1	7.7	8.0	7.3	7.6
30	---	---	---	8.7	7.0	7.9	8.2	7.0	7.3	8.1	7.4	7.8
31	---	---	---	8.6	6.8	7.9	---	---	---	8.0	7.2	7.6
Max	9.0	8.4	8.7	9.1	8.3	8.6	---	---	---	---	---	---
Min	7.6	7.1	7.4	7.4	6.7	7.0	---	---	---	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9 AT CHERRY POINT, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, BOTTOM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	June			July			August			September		
1	7.9	7.3	7.6	7.8	7.3	7.8	8.1	7.6	7.9	8.3	7.9	8.0
2	7.8	7.0	7.5	7.8	7.4	7.7	8.2	7.8	8.0	8.2	8.0	8.1
3	7.6	7.2	7.4	8.2	7.3	8.0	8.1	7.7	8.0	8.2	7.8	7.9
4	7.7	7.4	7.5	8.1	7.5	7.8	8.3	7.6	8.0	8.1	7.7	7.9
5	8.0	7.4	7.7	8.1	7.5	7.8	8.1	7.7	7.9	8.0	7.8	7.9
6	8.2	7.7	7.9	8.2	7.4	7.9	8.0	7.6	7.9	8.2	7.8	8.0
7	8.1	7.6	7.9	8.2	7.4	7.7	8.1	7.6	7.9	8.2	8.0	8.1
8	8.1	7.3	7.9	8.1	7.5	7.8	8.2	7.6	7.8	8.1	7.9	8.1
9	8.2	7.2	7.8	8.2	7.5	7.8	8.1	7.4	8.0	8.1	8.0	8.1
10	8.1	7.5	7.8	8.2	7.4	7.8	8.3	7.5	7.9	8.1	7.9	8.0
11	8.0	7.3	7.8	7.9	7.4	7.8	8.2	7.9	8.1	8.2	7.9	8.1
12	8.0	7.5	7.9	8.1	7.5	7.7	8.1	8.0	8.0	8.1	7.9	8.1
13	8.1	7.4	7.8	8.2	7.4	7.8	8.2	7.9	8.1	8.2	8.0	8.1
14	8.1	7.5	7.9	8.2	7.5	7.9	8.2	7.8	8.1	8.2	8.0	8.1
15	8.2	7.6	7.9	8.2	7.2	7.6	8.3	7.5	7.9	8.2	7.9	8.1
16	8.0	7.3	7.8	8.0	7.2	7.4	8.2	7.6	8.0	8.2	8.0	8.1
17	8.1	7.3	7.7	7.9	7.2	7.4	8.3	7.4	8.0	8.2	8.0	8.1
18	8.1	7.3	7.7	7.9	7.4	7.5	8.2	7.9	8.1	8.2	8.0	8.1
19	7.9	7.2	7.5	7.8	7.2	7.5	8.1	8.0	8.1	8.2	8.0	8.1
20	8.2	7.1	7.6	7.8	7.3	7.4	8.2	7.6	8.0	8.1	8.0	8.0
21	8.5	7.4	7.9	8.0	7.5	7.8	8.3	7.8	8.1	8.1	7.9	8.0
22	8.4	7.5	8.1	8.1	7.7	7.9	8.2	7.9	8.1	8.0	7.8	7.9
23	8.5	7.5	8.0	8.0	7.8	7.9	8.2	7.9	8.0	8.1	7.7	7.9
24	8.6	7.8	8.3	8.0	7.7	7.8	8.1	7.9	8.0	8.2	7.7	8.0
25	8.4	7.5	8.2	8.2	7.5	7.8	8.1	7.5	8.0	8.1	7.9	8.0
26	8.2	7.4	7.7	8.2	7.7	8.0	8.1	7.6	8.0	8.2	7.7	7.9
27	8.4	7.4	7.7	8.3	7.7	8.1	8.2	7.5	7.9	8.1	7.5	7.9
28	7.8	7.0	7.5	8.2	7.4	8.0	8.2	7.6	8.0	8.3	7.6	8.0
29	7.8	7.0	7.4	8.2	7.3	7.9	8.1	7.9	8.0	8.3	7.9	8.2
30	7.8	7.1	7.6	8.2	7.2	7.7	8.2	7.9	8.0	8.2	8.1	8.2
31	---	---	---	8.1	7.5	8.0	8.2	7.9	8.0	---	---	---
Max	8.6	7.8	8.3	8.3	7.8	8.1	8.3	8.0	8.1	8.3	8.1	8.2
Min	7.6	7.0	7.4	7.8	7.2	7.4	8.0	7.4	7.8	8.0	7.5	7.9

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9 AT CHERRY POINT, NC—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS, TOP
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	23.9	22.7	23.4	17.5	16.8	17.1	15.3	12.9	14.4	13.8	12.8	13.3
2	24.8	23.0	23.6	17.9	17.2	17.6	15.4	14.7	15.0	13.6	12.8	13.2
3	24.4	23.1	23.5	17.2	15.0	16.1	14.7	13.9	14.1	13.1	12.4	12.8
4	24.2	23.0	23.5	15.2	13.5	14.1	13.9	12.3	13.3	13.3	12.4	12.8
5	24.6	22.9	23.6	14.0	13.1	13.6	13.0	11.1	12.0	14.1	12.7	13.5
6	24.6	23.5	23.9	14.0	13.0	13.5	11.8	11.1	11.5	15.0	14.1	14.6
7	24.0	22.6	23.0	14.5	13.3	13.8	12.2	11.3	11.7	15.1	14.3	14.7
8	22.9	22.4	22.7	15.0	14.3	14.6	11.6	8.3	10.2	15.5	14.6	15.1
9	22.7	22.1	22.5	15.8	14.5	15.1	9.2	7.8	8.6	14.6	13.1	13.9
10	22.8	22.2	22.5	16.5	15.4	15.8	9.1	6.8	8.2	13.1	11.0	12.1
11	22.6	21.8	22.2	16.9	15.7	16.1	8.9	7.4	8.1	11.6	10.3	10.8
12	23.1	21.9	22.4	16.6	14.7	15.8	10.5	7.4	9.0	11.6	10.7	11.1
13	22.6	21.7	22.1	14.9	14.1	14.7	10.5	9.7	9.9	12.0	11.0	11.6
14	21.8	20.4	21.0	15.5	14.3	14.8	10.4	9.4	10.1	12.9	11.6	12.2
15	21.1	19.0	20.2	15.8	14.9	15.3	11.3	10.1	10.8	13.8	12.3	12.9
16	20.1	19.3	19.7	16.5	15.2	15.8	11.7	10.3	11.1	14.0	13.2	13.5
17	19.9	19.4	19.6	16.2	15.3	15.8	11.7	10.8	11.2	13.3	10.9	12.2
18	21.1	19.8	20.2	15.7	14.7	15.2	12.3	10.6	11.4	10.9	10.3	10.5
19	21.3	20.1	20.7	14.9	14.1	14.5	12.4	11.1	11.9	10.5	9.2	9.8
20	22.3	20.7	21.2	14.4	13.3	13.8	11.8	10.6	11.1	9.5	8.3	9.2
21	21.3	20.6	20.9	13.3	12.2	12.7	12.0	10.8	11.2	9.2	7.9	8.7
22	20.6	20.2	20.3	13.1	12.2	12.7	12.2	10.9	11.4	9.1	8.5	8.8
23	20.2	18.6	19.5	13.0	12.2	12.7	14.0	11.7	13.0	8.8	8.2	8.6
24	18.7	16.9	17.8	12.6	11.9	12.3	14.0	13.0	13.4	8.8	7.8	8.3
25	16.9	14.6	16.0	12.5	11.5	12.0	13.7	12.5	13.0	8.5	7.9	8.3
26	15.6	14.3	15.1	12.9	11.6	12.1	14.3	13.4	13.9	7.9	6.6	7.3
27	16.3	14.5	15.1	12.5	11.7	12.1	13.5	12.3	12.9	8.1	6.3	7.4
28	17.6	16.1	17.0	12.9	12.0	12.4	12.8	10.8	12.3	10.3	7.6	8.1
29	16.8	16.0	16.3	13.1	12.3	12.7	12.7	11.5	12.2	8.1	6.0	7.0
30	17.0	15.6	16.0	13.8	12.5	13.2	12.7	11.8	12.3	6.2	5.5	5.9
31	17.2	16.0	16.5	---	---	---	13.0	12.0	12.5	6.2	5.4	5.9
Month	24.8	14.3	20.4	17.9	11.5	14.3	15.4	6.8	11.7	15.5	5.4	10.8

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9 AT CHERRY POINT, NC—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS, TOP
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	5.8	5.4	5.5	11.0	10.0	10.4	17.8	16.0	16.7	---	---	---
2	6.1	5.3	5.6	14.2	10.4	11.9	18.7	16.7	17.6	22.5	20.4	21.3
3	6.1	5.5	5.9	12.7	12.2	12.4	19.4	17.5	18.4	21.7	21.1	21.5
4	6.5	5.5	5.9	12.4	11.4	12.0	19.8	18.0	19.0	21.1	19.9	20.6
5	6.0	5.5	5.8	12.0	10.8	11.5	19.0	17.4	18.2	21.0	19.4	20.1
6	5.6	4.6	5.0	11.6	10.4	11.1	17.8	16.6	17.0	20.5	18.8	20.0
7	6.1	4.5	5.2	12.5	10.2	11.0	16.9	13.7	15.6	18.9	16.7	17.6
8	5.8	5.2	5.5	11.6	11.0	11.3	14.8	13.6	14.2	17.7	16.5	17.1
9	5.8	4.9	5.4	11.5	10.5	11.0	14.6	13.2	13.9	18.8	17.5	18.1
10	5.8	5.2	5.5	12.2	11.2	11.6	---	---	---	20.4	18.4	19.3
11	6.2	5.0	5.4	12.8	11.5	12.1	14.2	14.0	14.1	21.8	19.5	20.4
12	6.4	4.8	5.8	13.2	11.6	12.3	15.6	14.1	14.8	23.6	20.7	21.9
13	7.3	5.8	6.7	14.3	12.1	12.9	16.6	14.9	15.6	23.0	21.2	22.2
14	8.0	6.9	7.5	15.2	12.8	13.8	16.7	15.6	15.9	21.4	20.3	21.0
15	7.6	6.5	6.9	16.0	13.4	14.6	18.0	16.0	16.6	21.9	20.5	21.0
16	6.5	5.5	6.1	15.8	13.3	14.9	17.1	14.7	15.5	22.7	20.5	21.3
17	6.8	5.2	6.0	14.5	12.0	12.8	15.2	13.8	14.6	21.7	21.2	21.5
18	6.9	6.2	6.4	12.2	11.4	11.7	15.3	14.4	14.9	21.3	20.4	20.9
19	6.3	5.3	5.8	12.3	10.0	11.5	14.8	14.1	14.5	21.4	19.7	20.5
20	7.6	5.4	6.1	13.9	11.4	12.5	15.2	14.2	14.6	22.9	20.2	21.1
21	7.6	6.6	7.1	13.7	12.7	13.2	16.8	14.4	15.1	23.4	20.6	21.5
22	9.4	7.0	8.3	15.3	12.9	13.9	17.7	15.4	16.3	22.3	21.2	21.5
23	8.8	7.5	8.2	16.6	14.1	14.9	18.4	16.2	17.0	22.2	20.8	21.5
24	8.5	7.3	7.9	18.4	14.9	16.1	18.2	16.5	17.3	22.5	21.6	22.0
25	8.6	7.7	8.1	17.5	15.6	16.6	20.4	17.3	18.3	24.0	22.0	22.5
26	10.5	8.5	9.3	17.3	15.4	16.1	20.5	17.8	18.8	24.1	22.1	23.0
27	10.6	9.0	9.8	18.7	16.0	17.0	19.3	17.4	18.3	25.0	22.9	23.8
28	11.0	9.8	10.3	19.2	17.4	18.1	21.6	18.7	20.3	26.0	23.4	24.6
29	---	---	---	17.7	15.9	17.0	21.6	19.8	20.7	25.8	24.1	24.7
30	---	---	---	16.7	15.2	15.9	22.5	20.2	21.2	25.3	24.4	24.9
31	---	---	---	16.9	15.3	16.1	---	---	---	25.9	24.2	24.9
Month	11.0	4.5	6.7	19.2	10.0	13.5	---	---	---	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9 AT CHERRY POINT, NC—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS, TOP
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	26.5	24.7	25.3	27.8	26.9	27.4	28.8	27.3	27.9	28.6	27.5	28.0
2	25.3	24.2	24.8	27.2	26.5	26.8	28.7	27.6	28.2	27.8	26.5	27.0
3	24.6	23.4	24.1	26.7	25.7	26.3	28.9	28.1	28.4	27.4	26.4	27.0
4	25.6	22.9	24.3	27.4	25.7	26.4	30.3	28.1	28.8	27.7	26.9	27.3
5	26.3	24.1	25.0	26.9	26.1	26.6	29.8	28.6	29.2	28.1	26.9	27.4
6	26.4	24.8	25.5	28.3	26.0	27.1	29.9	28.3	29.2	28.3	27.1	27.7
7	27.2	25.8	26.4	28.5	26.9	27.5	31.1	29.1	29.7	27.9	27.1	27.5
8	28.1	25.9	26.8	28.8	27.2	27.7	31.4	29.2	29.8	27.4	26.8	27.1
9	28.5	26.2	27.2	28.9	27.4	28.0	31.3	29.4	30.2	27.1	26.1	26.7
10	27.5	26.4	27.1	28.2	27.4	27.9	30.7	29.1	29.9	27.5	25.4	26.4
11	27.0	25.6	26.2	29.3	27.0	27.8	29.8	28.8	29.5	27.8	26.0	26.8
12	27.2	25.1	26.3	29.2	27.3	27.9	29.0	28.3	28.6	27.2	26.6	26.9
13	26.6	25.5	25.9	28.9	27.4	28.3	30.8	28.0	28.8	26.9	26.4	26.7
14	25.6	24.3	25.0	29.0	27.7	28.4	29.7	28.4	28.8	27.2	26.4	26.8
15	24.8	23.4	24.2	28.8	28.0	28.4	29.8	28.5	28.9	27.0	26.4	26.6
16	24.6	23.3	24.0	29.1	27.6	28.4	29.6	28.6	29.1	26.4	24.6	25.6
17	26.3	23.8	24.8	30.0	27.8	28.6	29.3	28.6	28.8	25.1	23.6	24.5
18	27.1	24.6	25.8	29.7	28.1	28.7	29.2	28.3	28.7	24.1	22.9	23.8
19	27.4	25.4	26.4	30.6	28.9	29.6	29.2	27.5	28.3	24.0	23.3	23.7
20	27.1	25.6	26.2	30.1	28.4	29.1	29.7	28.0	28.6	24.0	23.7	23.8
21	27.8	25.3	26.1	28.5	27.0	27.7	31.7	28.3	29.1	24.2	23.6	23.9
22	28.0	25.5	26.5	27.2	25.6	26.2	29.8	28.4	29.2	25.3	23.9	24.4
23	27.8	26.1	26.6	26.4	24.9	25.7	29.7	28.6	29.2	26.7	24.5	25.3
24	27.3	25.8	26.5	28.3	25.3	26.8	30.2	28.6	29.3	26.0	24.7	25.5
25	28.0	26.3	26.9	27.6	26.3	27.0	30.3	29.0	29.5	26.1	24.9	25.4
26	28.0	26.6	27.1	28.1	26.9	27.6	30.6	29.4	29.7	26.8	25.2	26.0
27	28.6	26.9	27.5	29.5	27.5	28.1	29.8	29.1	29.4	27.3	25.7	26.1
28	29.0	26.9	27.7	28.2	27.5	27.9	29.6	28.7	29.1	27.0	25.6	26.3
29	29.4	26.7	27.7	28.8	27.4	28.1	29.5	28.2	28.8	26.4	24.6	25.4
30	28.3	26.9	27.6	28.4	27.5	28.0	29.7	28.3	28.8	24.6	23.6	24.0
31	---	---	---	28.1	27.3	27.7	28.7	28.0	28.4	---	---	---
Month	29.4	22.9	26.1	30.6	24.9	27.7	31.7	27.3	29.0	28.6	22.9	26.0

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9 AT CHERRY POINT, NC—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS, BOTTOM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	23.9	23.3	23.7	16.8	16.4	16.7	14.8	13.1	13.8	13.8	12.6	13.0
2	24.0	23.3	23.7	17.8	16.6	17.1	15.0	14.6	14.8	13.6	12.9	13.2
3	23.9	23.4	23.7	17.2	15.7	16.4	14.7	13.9	14.1	13.3	12.5	12.9
4	23.9	23.4	23.7	16.1	14.0	14.8	13.9	12.8	13.4	13.2	12.8	13.0
5	24.1	23.3	23.7	15.7	13.3	14.1	13.4	11.9	12.6	13.4	13.0	13.1
6	24.1	23.4	23.8	14.5	13.0	13.6	12.8	11.5	12.0	14.8	12.8	14.0
7	24.0	22.6	23.1	14.5	13.4	13.9	13.5	11.4	12.1	15.0	13.2	14.5
8	23.1	22.5	22.8	14.9	14.3	14.6	12.3	9.4	10.4	15.3	13.2	14.6
9	22.9	22.3	22.5	15.5	14.5	15.0	11.0	8.4	9.8	14.7	13.1	14.0
10	22.8	22.3	22.5	15.6	15.1	15.4	12.5	9.0	10.9	13.1	11.6	12.3
11	22.6	21.8	22.3	15.7	15.0	15.3	12.4	10.3	11.7	12.0	10.5	11.1
12	22.8	22.1	22.4	16.0	14.7	15.3	12.0	10.4	11.2	11.6	10.7	11.1
13	22.8	21.9	22.2	14.9	14.3	14.7	11.4	10.7	11.0	12.0	11.3	11.6
14	21.9	20.5	21.1	15.1	14.6	14.9	11.5	11.1	11.3	12.6	11.9	12.2
15	21.7	19.8	20.6	15.1	14.9	15.0	11.5	11.2	11.4	13.0	12.2	12.5
16	21.0	19.5	20.1	16.4	14.9	15.6	11.6	10.9	11.3	13.6	12.5	12.9
17	20.3	19.5	19.8	16.0	14.9	15.7	11.4	10.8	11.2	13.2	11.0	12.2
18	20.6	20.0	20.2	15.9	14.9	15.5	11.2	10.8	10.9	11.3	10.3	10.7
19	21.0	20.2	20.5	15.5	14.7	15.1	11.3	10.7	11.0	10.6	9.3	9.9
20	22.0	20.4	21.2	15.5	13.2	14.6	11.2	10.7	11.0	9.7	9.0	9.3
21	21.3	20.6	20.9	13.7	12.2	12.8	11.3	10.8	11.0	9.6	8.2	8.9
22	20.7	20.2	20.4	13.1	12.2	12.6	11.8	10.8	11.2	9.2	8.7	8.9
23	20.2	18.7	19.6	13.2	12.3	12.8	13.2	11.4	12.3	9.1	8.5	8.7
24	18.8	17.0	17.9	12.7	12.1	12.4	13.3	12.0	12.5	9.2	8.1	8.6
25	17.0	15.9	16.4	12.6	11.5	12.2	13.7	11.9	12.8	9.0	7.9	8.5
26	17.2	14.9	15.8	12.5	11.8	12.2	14.3	13.3	13.8	8.2	7.1	7.6
27	17.4	15.2	16.6	12.7	12.3	12.5	13.5	12.4	12.9	8.1	7.3	7.7
28	17.9	16.7	17.1	13.0	12.2	12.7	12.8	12.5	12.7	8.5	7.8	8.0
29	16.8	16.0	16.4	13.4	12.6	13.0	12.7	12.3	12.6	8.1	6.7	7.3
30	16.6	15.8	16.1	13.6	12.7	13.2	12.8	12.1	12.5	7.2	5.8	6.4
31	16.8	16.1	16.4	---	---	---	12.9	12.4	12.6	6.7	5.4	5.9
Month	24.1	14.9	20.6	17.8	11.5	14.3	15.0	8.4	12.0	15.3	5.4	10.8

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9 AT CHERRY POINT, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, BOTTOM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	6.2	5.4	5.6	10.9	9.5	10.2	17.0	15.3	16.1	---	---	---
2	5.9	5.4	5.6	14.2	9.5	11.8	17.6	16.1	16.8	21.9	19.0	20.3
3	6.2	5.6	6.0	12.7	12.3	12.5	17.2	15.3	16.3	21.7	19.7	21.2
4	6.4	5.6	6.0	12.4	11.6	12.1	18.7	15.6	16.8	21.0	20.0	20.6
5	6.1	5.6	5.9	12.1	10.9	11.6	18.9	16.4	17.9	21.0	19.6	20.2
6	5.6	4.6	5.1	11.6	10.6	11.2	17.7	16.2	16.9	20.5	18.8	20.0
7	6.1	4.4	5.3	12.6	10.2	11.0	16.7	14.9	15.6	18.9	16.8	17.6
8	5.9	5.2	5.5	11.6	11.1	11.4	14.9	13.6	14.2	17.7	16.5	17.1
9	6.0	5.0	5.5	11.5	10.6	11.1	14.5	13.4	14.0	18.8	17.5	18.0
10	5.9	5.2	5.5	12.0	11.2	11.6	---	---	---	20.4	18.4	19.1
11	6.1	5.0	5.5	12.8	11.3	12.0	14.3	13.9	14.0	20.8	19.4	19.9
12	6.1	5.5	5.8	13.2	11.6	12.2	15.6	14.0	14.7	21.8	19.3	20.4
13	7.2	5.8	6.2	13.4	11.9	12.5	16.5	14.8	15.5	22.9	19.8	21.8
14	7.9	6.2	7.4	14.1	11.8	12.7	16.6	15.2	15.7	21.4	20.2	21.0
15	7.4	6.8	7.0	14.5	11.5	12.8	17.9	15.9	16.5	21.2	20.1	20.9
16	6.9	5.9	6.2	14.8	11.5	13.4	17.0	13.6	15.4	22.4	20.5	21.2
17	6.6	5.9	6.3	14.5	11.9	12.8	15.1	14.0	14.6	21.6	21.2	21.4
18	6.9	6.1	6.4	12.2	11.5	11.9	15.1	14.4	14.8	21.3	20.4	20.9
19	6.2	5.3	5.8	12.3	11.6	12.1	14.8	14.1	14.5	21.2	19.8	20.5
20	6.9	5.6	6.1	12.9	12.0	12.3	14.9	14.1	14.5	21.3	20.2	20.6
21	7.3	6.6	6.9	13.7	12.4	13.0	15.5	14.5	14.8	21.9	20.5	21.1
22	9.4	6.6	7.9	13.9	12.9	13.3	15.9	14.7	15.2	21.9	20.9	21.5
23	8.9	7.6	8.2	14.5	12.9	13.5	17.0	14.8	15.4	22.2	20.9	21.5
24	8.0	7.2	7.7	14.8	12.9	13.9	18.0	15.2	16.5	22.6	21.6	22.0
25	8.6	7.2	7.9	17.1	12.6	14.9	18.6	15.1	16.5	22.8	22.0	22.2
26	10.0	8.5	9.0	16.2	15.0	15.5	17.8	15.2	16.6	23.6	22.0	22.5
27	10.3	9.1	9.5	17.6	14.4	16.0	18.4	15.9	17.0	23.9	22.1	22.8
28	10.9	9.9	10.3	18.5	14.9	16.7	21.1	18.1	19.5	24.1	22.1	23.0
29	---	---	---	17.6	15.9	16.7	21.3	18.6	20.2	24.3	22.5	23.7
30	---	---	---	16.5	15.0	15.8	21.4	18.5	20.0	25.2	23.6	24.5
31	---	---	---	16.6	15.4	16.0	---	---	---	25.7	23.8	24.6
Month	10.9	4.4	6.6	18.5	9.5	13.0	---	---	---	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9 AT CHERRY POINT, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, BOTTOM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	25.2	24.4	24.8	27.8	26.9	27.4	28.5	27.2	27.7	28.7	27.6	28.3
2	25.1	23.7	24.6	27.2	26.5	26.8	28.6	27.4	28.0	28.0	26.6	27.2
3	24.7	23.5	24.0	26.7	25.7	26.3	28.7	28.1	28.3	27.4	26.4	27.0
4	24.8	23.0	24.1	26.9	25.8	26.2	29.3	28.0	28.4	27.6	26.8	27.2
5	25.7	24.2	24.9	26.9	26.1	26.4	29.1	28.1	28.6	27.6	27.0	27.2
6	26.3	24.8	25.4	27.8	26.1	26.8	29.7	28.0	28.8	28.3	27.2	27.7
7	26.6	25.4	25.8	28.1	26.6	27.1	29.6	28.6	29.1	28.0	27.1	27.6
8	26.8	25.3	26.1	27.8	26.8	27.3	30.0	28.6	29.2	27.4	26.8	27.1
9	28.0	25.6	26.6	27.7	26.9	27.3	30.5	28.8	29.6	27.1	26.3	26.8
10	27.5	26.5	27.0	27.8	27.1	27.4	30.3	29.1	29.6	26.8	25.7	26.3
11	26.6	25.6	26.1	28.5	27.1	27.6	29.8	28.8	29.4	27.6	26.2	26.8
12	26.5	25.7	26.1	28.5	27.2	27.6	28.9	28.3	28.6	27.3	26.7	26.9
13	26.4	25.7	25.9	28.5	27.4	27.9	29.1	27.9	28.3	26.9	26.4	26.7
14	25.8	24.4	25.0	28.4	27.6	27.9	28.8	28.3	28.5	27.1	26.4	26.7
15	24.8	23.5	24.3	28.1	27.2	27.7	29.3	28.5	28.7	26.9	26.4	26.6
16	24.4	23.6	24.0	28.5	27.2	27.7	29.4	28.4	28.8	26.4	24.6	25.6
17	24.5	23.7	24.1	28.1	27.4	27.7	29.3	28.4	28.8	25.0	23.7	24.4
18	25.1	23.8	24.4	28.8	27.3	27.9	29.0	28.2	28.7	24.1	22.6	23.7
19	25.6	24.0	24.6	28.7	27.2	27.8	28.7	27.5	28.2	24.0	23.2	23.6
20	26.3	24.1	25.2	28.6	27.3	28.0	28.9	28.0	28.4	23.9	23.6	23.8
21	26.6	24.9	25.6	28.5	27.0	27.7	29.4	28.3	28.8	24.1	23.5	23.8
22	26.3	25.1	25.8	27.3	25.9	26.4	29.6	28.4	29.1	24.5	23.9	24.1
23	27.0	25.5	26.1	26.7	25.0	25.8	29.7	28.6	29.2	24.9	24.0	24.4
24	27.1	25.7	26.4	26.6	25.6	26.2	29.5	28.7	29.1	25.5	24.1	25.1
25	27.2	25.9	26.6	27.2	26.3	26.7	29.8	29.0	29.2	25.6	24.9	25.1
26	26.9	25.5	26.2	27.8	26.9	27.2	30.0	29.1	29.5	25.8	25.0	25.4
27	27.7	25.1	26.2	28.1	27.2	27.6	29.6	29.2	29.4	26.1	25.1	25.6
28	27.7	25.2	26.2	27.8	27.0	27.5	29.7	28.7	29.3	27.0	25.3	26.1
29	28.1	25.4	26.8	28.1	27.1	27.5	29.5	28.3	28.9	26.4	24.6	25.5
30	27.9	25.9	27.1	28.2	27.2	27.6	29.3	28.2	28.7	24.7	23.6	24.1
31	---	---	---	28.0	27.1	27.5	28.8	28.1	28.4	---	---	---
Month	28.1	23.0	25.5	28.8	25.0	27.2	30.5	27.2	28.8	28.7	22.6	25.9

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9 AT CHERRY POINT, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, TOP
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	9.4	6.6	8.2	10.9	8.2	9.9	7.9	5.5	7.1	10.3	8.7	9.7
2	11.3	5.5	9.0	10.9	8.6	10.1	8.1	7.2	7.6	9.9	9.1	9.4
3	12.2	8.7	9.7	10.4	8.9	9.6	8.3	7.6	8.0	10.1	9.4	9.6
4	10.8	7.1	9.6	11.4	9.2	10.1	8.6	7.8	8.3	10.1	9.3	9.7
5	10.9	7.1	8.7	10.3	9.2	9.8	8.6	7.2	8.0	10.0	9.2	9.7
6	8.8	3.4	6.7	10.3	9.2	9.9	8.5	7.2	8.0	9.6	8.6	9.3
7	8.8	5.1	6.9	10.4	8.8	9.7	8.8	6.7	7.9	9.8	9.1	9.4
8	7.6	6.7	7.1	10.3	8.5	9.3	9.3	8.4	8.8	9.4	8.4	9.1
9	8.5	6.4	7.2	9.5	8.7	9.1	9.2	7.3	8.5	9.5	9.0	9.2
10	9.2	6.9	7.7	11.0	8.7	9.7	9.3	8.1	8.6	10.0	9.0	9.6
11	12.9	7.5	9.2	10.5	9.0	9.7	9.1	7.8	8.6	10.8	9.8	10.2
12	10.3	6.8	9.3	9.7	7.0	8.4	9.0	7.3	8.4	11.4	10.2	10.5
13	9.6	7.8	8.8	8.6	8.0	8.2	8.8	6.4	7.9	10.6	10.2	10.4
14	9.2	7.9	8.5	10.0	8.3	9.0	9.0	6.0	7.9	11.3	10.2	10.5
15	10.2	7.0	9.0	9.5	6.3	8.2	9.3	7.6	8.7	10.5	9.3	10.2
16	10.8	8.4	9.1	8.5	6.2	7.1	8.8	5.5	7.4	10.3	8.3	9.7
17	9.1	7.5	8.2	10.5	7.0	8.5	8.6	6.0	7.2	10.4	9.7	10.0
18	10.5	6.4	7.7	13.2	7.6	9.1	9.6	6.4	8.1	10.7	10.3	10.5
19	9.6	6.3	7.9	9.5	8.2	8.9	10.8	6.4	8.6	10.9	10.3	10.6
20	8.5	7.3	7.9	9.9	8.2	9.1	10.3	9.1	9.7	11.2	10.5	10.7
21	8.5	7.0	7.7	9.4	8.3	8.8	10.9	9.3	10	11.5	10.6	11.1
22	8.3	7.2	7.8	9.3	7.8	8.7	10.5	8.6	10	11.4	10.9	11.1
23	9.1	7.4	8.3	8.9	8.3	8.6	10.3	8.6	9.7	11.5	11.0	11.2
24	8.6	7.3	8.1	9.0	7.9	8.4	10.5	8.9	9.8	12.0	10.3	11.5
25	9.2	7.5	8.6	8.8	7.7	8.4	9.9	8.4	9.5	12.1	11.5	11.8
26	11.0	8.3	9.8	8.4	7.2	7.8	9.4	8.8	9.1	12.0	11.5	11.7
27	11.2	7.0	10.1	7.5	6.0	6.8	9.8	9.3	9.6	11.9	11.4	11.7
28	8.8	6.2	7.8	7.0	5.1	6.4	11.3	9.6	9.9	15.5	11.2	12.0
29	10.0	7.9	8.7	7.1	5.5	6.5	10.5	9.6	10.1	11.6	10.8	11.3
30	10.7	8.8	9.4	7.1	5.0	6.3	10.7	9.7	10.2	12.4	11.5	12.0
31	10.6	9.1	10	---	---	---	11.6	10.0	10.4	12.4	11.7	11.9
Month	12.9	3.4	8.5	13.2	5.0	8.7	11.6	5.5	8.8	15.5	8.3	10.5

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9 AT CHERRY POINT, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, TOP
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	12.6	11.5	12.1	13.7	11.7	12.7	13.7	8.4	10.7	---	---	---
2	14.0	11.6	12.1	12.2	9.8	11.0	12.3	7.5	9.8	8.2	6.2	7.2
3	12.5	11.6	12.1	12.7	10.4	11.4	---	---	---	7.2	6.5	7.0
4	12.2	11.6	12.0	12.7	10.5	11.3	---	---	---	7.3	6.0	6.7
5	12.5	11.5	12.0	13.0	10.8	11.6	---	---	---	7.7	6.2	6.7
6	12.3	11.8	12.0	12.8	11.0	11.8	---	---	---	7.3	5.8	6.8
7	12.9	11.5	12.0	13.1	10.8	11.6	---	---	---	8.2	7.1	7.7
8	12.5	11.5	11.9	12.9	11.2	12.0	---	---	---	8.5	7.8	8.1
9	12.3	11.8	12.0	13.0	11.7	12.2	---	---	---	8.9	8.0	8.4
10	12.1	11.9	11.9	13.4	11.8	12.6	---	---	---	9.2	8.1	8.6
11	12.3	11.7	11.9	14.1	12.0	13.1	9.1	7.8	8.2	9.1	8.1	8.6
12	12.3	11.8	12.0	14.5	11.3	12.8	9.6	7.8	8.6	9.8	7.9	8.8
13	12.3	11.6	12.0	14.5	11.7	12.9	9.7	8.1	8.9	8.8	7.7	8.2
14	12.0	10.9	11.3	14.4	11.7	12.9	9.2	8.1	8.7	8.0	7.2	7.6
15	11.6	11.0	11.1	12.6	10.6	11.7	8.3	7.5	7.9	8.8	7.2	7.9
16	11.6	11.1	11.3	11.6	6.4	10.5	8.4	7.5	7.9	8.6	6.9	7.6
17	11.6	11.3	11.5	10.4	9.0	9.7	8.4	7.4	7.8	8.3	7.0	7.7
18	12.3	11.0	11.3	12.6	10.0	11.0	8.3	6.3	7.7	8.1	7.2	7.6
19	11.7	11.0	11.3	13.7	11.3	12.3	8.3	7.2	7.8	9.0	7.6	8.3
20	11.5	10.7	11.2	15.4	11.8	13.1	8.8	7.6	8.2	9.8	8.0	8.7
21	12.6	10.6	11.5	15.0	11.8	13.6	10.7	7.9	9.1	9.9	7.0	8.5
22	13.4	10.7	12.0	15.6	11.7	13.5	12.1	8.4	10.4	8.3	7.2	7.8
23	12.1	10.8	11.2	16.6	11.3	13.9	11.5	7.4	10.2	8.4	6.9	7.7
24	11.8	10.8	11.1	15.4	8.0	12.5	9.6	7.3	8.9	8.6	7.5	8.1
25	12.9	11.2	12.0	12.5	8.3	11.5	11.4	8.0	9.2	9.3	7.4	8.3
26	14.3	11.3	12.2	14.6	7.8	11.1	10.2	7.5	8.6	9.3	7.6	8.5
27	15.7	11.2	13.8	14.1	10.4	12.2	8.7	5.7	7.3	9.3	7.5	8.5
28	15.2	13.2	14.0	13.8	11.0	12.2	10.5	7.6	8.8	9.6	7.7	8.4
29	---	---	---	11.8	8.9	10.3	10.6	7.9	9.3	8.6	6.9	7.9
30	---	---	---	13.2	8.7	10.9	11.6	8.0	10.1	8.9	7.3	8.2
31	---	---	---	12.9	8.7	11.9	---	---	---	9.1	6.0	8.0
Month	15.7	10.6	11.9	16.6	6.4	12.0	---	---	---	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9 AT CHERRY POINT, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, TOP
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	9.1	6.7	7.7	7.0	5.7	6.4	7.6	5.2	6.2	8.0	4.8	6.4
2	8.2	6.3	7.2	7.4	5.8	6.4	8.2	4.5	6.1	6.9	5.3	6.2
3	7.6	5.1	6.5	7.3	5.6	6.6	6.8	5.3	6.0	7.1	5.6	6.4
4	8.9	7.0	7.7	7.2	4.9	5.9	10.8	4.9	7.2	6.7	4.4	5.6
5	9.8	7.1	8.4	7.0	5.5	6.4	8.7	4.8	6.8	7.1	3.7	5.7
6	10.2	7.6	8.8	8.0	5.2	6.8	8.7	3.7	6.5	7.5	5.0	6.4
7	10.3	8.3	9.3	8.3	4.6	6.7	8.2	5.2	6.9	7.3	5.8	6.5
8	10.9	7.8	8.8	8.6	5.9	7.2	8.3	4.2	6.2	7.1	4.9	6.2
9	9.1	6.9	8.0	8.6	6.0	7.5	7.5	4.1	5.9	7.1	5.9	6.5
10	9.0	7.2	8.0	7.9	5.2	6.6	8.0	3.3	5.8	9.1	6.1	7.2
11	9.3	6.9	7.9	7.0	4.9	5.9	6.3	4.6	5.6	8.7	5.5	7.3
12	10.3	8.2	9.1	8.8	4.6	6.8	6.8	5.1	5.8	7.8	5.3	6.9
13	9.3	6.8	8.3	10.2	6.8	8.6	7.6	5.2	6.3	7.7	5.5	6.8
14	7.8	6.4	7.2	9.6	7.5	8.5	7.7	6.0	6.8	8.5	6.3	7.2
15	8.6	6.0	7.3	9.1	7.5	8.3	7.0	3.0	5.8	8.8	6.0	7.4
16	9.3	6.6	7.6	8.3	5.6	7.4	7.6	5.2	6.5	8.4	6.6	7.6
17	9.7	6.3	8.0	8.2	1.3	6.0	6.8	3.2	5.2	8.3	6.0	7.4
18	9.7	6.4	8.5	7.4	3.8	6.3	6.7	4.6	5.6	8.0	6.5	7.5
19	9.8	6.4	8.0	7.4	5.8	6.9	7.2	5.2	6.1	8.0	7.1	7.6
20	8.4	5.7	7.0	7.0	4.1	5.4	9.6	5.5	7.4	7.7	6.9	7.3
21	10.1	5.2	7.4	6.8	5.0	5.8	12.2	5.3	8.5	8.1	6.4	7.4
22	9.1	6.6	8.0	7.4	6.1	6.7	10.8	5.5	8.5	8.4	5.5	7.1
23	8.6	6.4	7.3	8.1	6.4	7.3	9.4	4.8	6.6	9.6	5.8	8.1
24	8.0	5.8	7.3	9.8	6.8	7.8	6.2	3.9	5.1	8.6	6.0	7.9
25	7.7	5.4	6.6	8.5	6.2	7.7	7.2	3.6	5.8	8.4	6.7	7.5
26	8.3	5.2	6.6	7.7	6.5	7.1	7.6	3.7	5.8	8.9	3.5	7.5
27	7.5	4.4	6.2	7.7	6.4	6.9	7.3	3.3	5.7	9.3	4.5	7.2
28	7.5	2.6	6.1	7.5	5.8	6.8	7.0	3.5	5.5	8.7	5.8	7.5
29	7.4	3.5	6.0	8.0	4.3	6.5	6.4	2.3	4.6	8.5	7.1	7.8
30	7.4	5.2	6.2	7.3	4.0	5.8	8.3	2.2	5.2	8.5	7.2	7.8
31	---	---	---	6.6	4.5	5.8	7.2	4.2	5.3	---	---	---
Month	10.9	2.6	7.6	10.2	1.3	6.8	12.2	2.2	6.2	9.6	3.5	7.1

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9 AT CHERRY POINT, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	8.5	0.5	4.8	8.5	4.9	7.4	7.2	3.7	5.4	9.4	6.3	7.9
2	7.9	2.4	5.5	10.2	4.2	7.2	7.4	5.0	6.5	9.3	8.2	8.8
3	8.5	1.0	5.2	10.1	7.2	8.6	8.6	7.2	8.0	9.3	8.4	8.9
4	5.2	0.0	2.1	9.7	5.2	8.4	8.8	6.7	8.0	9.2	7.0	8.5
5	8.9	0.0	2.5	9.8	5.7	8.6	8.9	5.9	7.7	8.8	4.2	7.8
6	7.5	0.1	4.0	9.9	6.7	9.3	8.8	6.6	7.6	8.8	4.4	7.7
7	7.6	3.0	5.9	9.9	6.3	9.1	9.4	5.1	7.2	9.2	6.3	8.1
8	7.5	3.8	6.5	9.6	6.4	8.6	10.0	7.0	9.1	8.6	5.4	7.5
9	8.3	3.8	6.8	9.1	8.2	8.7	9.8	6.3	7.9	8.9	7.3	8.4
10	9.2	6.8	7.7	8.9	6.4	7.7	8.0	5.2	6.7	9.2	8.4	8.9
11	9.0	5.2	7.7	7.8	4.8	6.4	7.6	4.7	6.1	10.1	8.9	9.3
12	8.8	3.0	6.9	7.9	5.4	6.8	8.0	5.4	6.7	10.0	9.0	9.6
13	9.1	4.4	7.2	7.7	4.8	6.9	7.4	4.8	6.5	---	---	---
14	8.7	6.1	7.5	7.5	5.0	5.9	6.8	4.6	5.6	---	---	---
15	9.2	3.4	6.6	7.6	4.4	5.7	6.8	4.6	5.8	---	---	---
16	8.9	3.0	6.5	8.2	4.4	6.3	7.0	5.4	6.0	---	---	---
17	8.1	5.2	6.7	10.2	5.5	7.3	6.8	5.4	6.1	---	---	---
18	7.3	3.3	5.6	10.3	4.8	7.0	6.5	4.9	5.7	---	---	---
19	6.8	2.7	4.5	8.4	4.5	6.1	7.6	5.2	6.6	---	---	---
20	7.3	3.3	6.2	9.8	4.6	6.9	9.6	6.7	8.3	---	---	---
21	7.6	4.6	6.5	9.2	8.2	8.7	9.3	7.7	8.8	---	---	---
22	7.3	5.8	6.8	9.2	6.7	8.4	9.4	7.5	8.5	---	---	---
23	8.6	6.1	7.6	8.8	7.4	8.3	9.4	5.8	8.3	---	---	---
24	8.2	7.3	7.8	8.9	6.7	7.9	9.3	7.1	8.4	11.8	7.6	10.1
25	8.3	5.4	7.7	9.2	6.1	7.5	9.4	6.9	8.7	11.8	10.9	11.4
26	10.0	5.1	8.2	8.0	6.0	6.9	8.9	8.3	8.6	11.5	10.6	11.3
27	10.3	4.4	6.6	7.3	5.1	6.3	9.2	8.7	9.0	11.6	10.4	11.3
28	8.8	5.0	7.4	7.1	4.0	5.8	9.3	8.2	8.7	11.9	9.5	11.2
29	9.9	7.6	8.5	5.7	3.6	4.8	10.4	8.1	8.7	11.6	10.6	11.2
30	9.0	7.0	8.4	5.8	3.4	4.7	10.2	8.3	9.0	12.0	10.3	11.5
31	9.5	6.8	8.2	---	---	---	9.9	7.8	9.1	12.3	10.7	11.7
Month	10.3	0.0	6.5	10.3	3.4	7.3	10.4	3.7	7.5	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9 AT CHERRY POINT, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	12.3	10.6	11.9	12.6	8.7	11.8	7.8	0.3	4.1	---	---	---
2	13.5	11.4	11.9	11.7	8.4	10.4	5.7	2.0	4.3	7.6	3.0	5.6
3	12.4	11.0	11.9	11.5	9.6	10.7	4.1	0.7	2.2	7.7	2.8	6.4
4	12.2	10.8	11.9	12.1	9.8	10.7	7.8	0.2	2.7	7.6	4.9	6.6
5	12.5	11.2	12.0	12.9	10.3	11.0	10.4	1.0	7.9	8.3	5.2	6.5
6	12.5	11.6	12.1	12.2	8.9	11.0	10.0	6.7	8.2	7.8	5.9	7.1
7	12.9	11.0	12.0	12.4	9.4	11.0	9.5	2.8	7.5	8.7	7.4	8.2
8	12.6	11.3	12.1	12.2	10.6	11.4	11.8	7.7	9.3	9.1	8.0	8.5
9	12.4	11.9	12.2	12.2	11.0	11.5	12.9	8.2	10.2	9.4	7.6	8.7
10	12.5	12.0	12.2	12.1	10.9	11.4	---	---	---	9.6	8.0	9.0
11	12.5	11.5	12.1	13.0	8.8	11.6	9.2	6.4	7.9	9.1	7.0	8.5
12	12.4	11.6	12.0	13.4	9.7	11.3	9.5	5.5	7.5	8.8	4.9	7.3
13	12.6	10.8	12.0	12.4	9.3	11.1	9.8	8.3	9.1	8.8	5.9	7.9
14	12.4	10.4	11.5	11.9	5.3	9.8	9.2	7.3	8.5	8.3	6.6	7.7
15	11.7	10.9	11.4	10.7	2.6	7.0	8.3	7.5	7.9	8.2	5.3	7.3
16	12.5	11.1	11.6	9.6	2.5	6.1	9.1	7.0	7.8	7.8	5.5	7.2
17	12.2	8.6	11.3	9.6	8.2	8.8	8.0	6.5	7.3	7.8	6.7	7.3
18	12.7	10.0	11.6	11.4	8.2	9.8	7.8	5.9	6.8	7.9	7.0	7.4
19	12.1	11.3	11.6	11.7	9.1	10.7	7.8	6.1	7.0	8.5	6.0	7.4
20	12.0	9.4	11.5	12.3	7.3	9.9	8.3	6.4	7.4	8.2	6.1	7.7
21	12.6	9.6	11.4	13.1	6.0	11.1	---	---	---	9.1	5.5	7.8
22	13.0	8.7	11.5	11.7	4.0	8.9	---	---	---	8.0	5.9	7.6
23	12.0	10.6	11.2	8.5	0.2	4.6	---	---	---	8.4	6.8	7.7
24	11.7	10.5	11.0	7.2	0.7	3.7	---	---	---	8.6	7.6	8.1
25	12.6	10.1	11.6	11.0	0.0	5.6	---	---	---	8.9	5.8	7.5
26	13.8	10.0	11.5	11.3	5.8	8.0	---	---	---	8.8	4.7	7.2
27	14.5	10.7	12.5	10.8	1.2	6.9	---	---	---	8.2	4.3	6.4
28	14.5	12.0	13.3	9.5	0.4	5.1	---	---	---	7.9	3.2	5.9
29	---	---	---	8.1	2.7	6.2	---	---	---	8.1	4.1	6.5
30	---	---	---	8.2	2.0	6.0	---	---	---	8.3	5.5	7.3
31	---	---	---	8.9	0.8	5.5	---	---	---	7.8	3.8	6.3
Month	14.5	8.6	11.8	13.4	0.0	9.0	---	---	---	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9 AT CHERRY POINT, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	7.2	4.5	6.0	6.6	2.3	5.7	7.6	2.9	5.7	7.2	3.8	5.2
2	6.8	1.8	5.2	6.6	3.9	5.7	7.8	3.8	5.7	7.2	4.4	6.1
3	6.6	4.5	5.7	6.7	2.5	5.5	6.5	4.0	5.4	7.4	5.5	6.6
4	7.3	5.7	6.5	5.1	1.7	3.2	9.0	2.5	5.6	6.8	3.2	5.3
5	8.1	5.6	7.1	5.3	1.2	3.3	6.4	2.7	4.4	8.0	1.8	4.7
6	9.0	6.2	7.6	6.4	0.5	4.0	6.3	2.0	4.3	7.3	3.5	5.8
7	8.1	5.7	7.3	---	---	---	6.6	1.9	4.2	7.4	5.7	6.5
8	8.3	3.0	6.6	---	---	---	6.7	0.7	3.6	7.2	4.5	5.9
9	8.1	2.4	6.2	---	---	---	6.1	0.2	4.1	7.4	5.8	6.6
10	7.7	4.2	6.3	---	---	---	7.6	0.4	3.9	8.0	4.1	6.7
11	7.2	3.5	5.9	---	---	---	6.3	3.6	5.4	8.9	3.7	6.9
12	7.5	4.0	6.5	7.8	3.1	5.6	6.3	4.1	5.3	8.0	4.3	6.7
13	7.5	3.9	5.9	8.4	1.9	5.2	7.3	4.4	5.7	7.3	5.1	6.6
14	8.1	4.1	6.7	7.8	2.7	5.6	6.8	2.8	5.3	8.1	5.9	6.8
15	8.8	5.9	7.4	7.4	0.2	3.6	6.3	0.2	3.3	8.2	4.8	6.8
16	7.8	3.8	6.3	5.5	0.2	2.1	6.6	1.4	4.3	8.0	6.3	7.1
17	8.0	3.9	6.2	4.6	0.2	1.4	6.0	0.6	4.2	8.1	5.4	7.0
18	8.2	4.1	5.9	5.1	0.2	1.7	6.5	4.0	5.1	7.8	6.0	7.2
19	7.0	2.5	4.6	4.9	0.1	1.6	7.0	4.2	5.7	7.8	6.2	7.3
20	6.9	1.4	4.0	---	---	---	7.9	0.8	5.3	7.6	6.0	7.0
21	7.3	1.7	4.0	---	---	---	7.3	1.9	5.3	7.8	5.1	6.8
22	7.0	1.8	4.6	---	---	---	6.7	3.2	4.9	7.1	3.9	5.8
23	6.8	1.7	4.1	---	---	---	6.9	3.4	5.2	8.2	0.0	5.3
24	6.5	1.9	4.7	---	---	---	6.0	3.7	4.9	8.2	4.8	6.6
25	---	---	---	---	---	---	6.6	0.4	4.6	7.8	2.8	6.2
26	---	---	---	---	---	---	6.5	0.9	4.6	7.5	2.3	5.2
27	---	---	---	8.1	4.0	6.5	6.2	0.2	3.9	6.8	0.1	4.8
28	---	---	---	7.3	1.6	5.6	6.9	0.4	4.5	8.2	2.5	5.8
29	6.0	0.1	3.3	6.9	0.6	4.5	7.1	4.1	5.7	8.3	4.7	7.2
30	6.1	0.7	4.5	7.4	0.3	3.7	7.3	3.2	5.3	8.1	6.6	7.4
31	---	---	---	6.7	1.8	5.6	6.6	3.4	5.0	---	---	---
Month	---	---	---	---	---	---	9.0	0.2	4.9	8.9	0.0	6.3

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9 AT CHERRY POINT, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, TOP
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	117	81	101	120	90	109	80	53	71	100	87	95
2	144	70	111	120	95	112	82	73	77	98	89	92
3	153	107	120	110	96	102	83	75	80	98	89	93
4	135	89	118	116	95	103	83	76	80	98	90	93
5	138	90	109	106	93	99	80	69	76	97	89	95
6	113	43	85	104	94	101	80	68	75	96	86	93
7	109	63	86	105	91	99	82	63	74	99	91	95
8	94	83	88	107	88	97	83	77	80	95	85	92
9	105	79	89	101	91	96	80	64	74	92	87	90
10	114	85	95	119	92	103	78	72	74	96	87	92
11	158	91	112	112	98	104	78	67	74	100	92	94
12	127	83	114	104	75	90	79	63	74	107	94	98
13	118	95	108	90	85	87	80	58	72	100	95	98
14	112	95	102	105	87	94	81	54	72	107	96	99
15	121	84	105	102	67	87	85	69	79	102	92	98
16	126	98	106	93	67	77	80	53	69	102	82	95
17	106	88	96	114	75	91	79	56	67	98	94	96
18	125	75	90	140	80	95	91	59	75	99	95	97
19	116	74	94	96	83	90	103	61	83	100	93	96
20	102	87	95	100	82	91	98	87	93	99	95	96
21	102	83	92	94	84	88	105	88	95	102	95	98
22	98	85	92	92	76	85	99	85	95	101	97	99
23	105	86	97	87	81	85	103	85	96	102	97	99
24	96	81	91	87	77	82	104	89	97	106	90	101
25	100	80	93	83	73	80	98	83	94	106	101	103
26	117	89	103	79	68	73	94	88	91	102	97	99
27	117	77	107	70	56	64	96	92	94	103	97	100
28	98	69	87	66	48	60	110	91	96	139	97	105
29	109	87	95	68	52	62	102	92	97	99	92	96
30	116	95	101	69	48	60	103	93	97	102	95	98
31	116	98	108	---	---	---	111	95	100	102	95	98
Month	158	43	100	140	48	89	111	53	83	139	82	97

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9 AT CHERRY POINT, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, TOP
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	104	95	99	129	108	118	148	90	114	---	---	---
2	116	95	99	124	92	106	134	80	106	97	73	86
3	103	95	99	124	101	111	---	---	---	87	77	84
4	101	96	98	123	101	109	---	---	---	85	71	78
5	102	94	98	125	102	110	---	---	---	92	72	78
6	99	94	96	121	103	111	---	---	---	86	68	80
7	106	94	96	127	100	109	---	---	---	90	81	86
8	102	93	97	122	105	113	---	---	---	94	84	88
9	100	95	97	123	109	114	---	---	---	101	88	94
10	98	96	97	128	110	119	---	---	---	107	92	99
11	101	94	96	136	115	125	93	79	83	109	95	101
12	101	94	98	141	108	123	101	77	89	122	94	106
13	104	95	100	144	112	125	103	84	93	108	92	99
14	102	93	97	146	116	128	97	86	92	96	85	91
15	99	92	94	130	104	118	90	80	85	105	85	94
16	95	91	93	119	64	108	88	78	82	105	81	91
17	96	91	94	101	87	95	88	76	80	100	84	92
18	104	92	94	121	95	105	86	66	80	96	85	91
19	97	90	92	130	104	117	85	74	80	107	88	97
20	98	90	93	151	112	127	91	77	84	119	93	103
21	108	90	98	149	115	134	113	80	93	122	84	102
22	118	92	105	158	115	135	128	87	108	100	86	94
23	105	93	98	174	116	141	122	79	108	102	82	93
24	103	93	97	163	85	130	105	78	96	105	91	98
25	114	97	105	133	87	121	130	86	102	115	89	101
26	132	101	111	156	82	117	115	84	97	116	92	104
27	146	101	126	155	109	130	98	63	83	118	92	106
28	144	123	131	151	119	133	123	87	103	124	96	107
29	---	---	---	128	94	110	126	91	108	110	88	100
30	---	---	---	140	90	114	138	93	119	115	93	105
31	---	---	---	136	92	124	---	---	---	119	77	102
Month	146	90	100	174	64	119	---	---	---	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9 AT CHERRY POINT, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, TOP
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	120	86	100	96	77	88	108	73	87	113	68	91
2	106	80	92	101	78	87	117	64	86	97	75	86
3	96	65	82	99	75	89	97	75	85	100	77	89
4	116	87	97	98	66	80	156	70	103	95	62	79
5	129	91	108	94	74	86	125	68	97	101	52	80
6	134	98	114	111	70	93	126	53	93	107	70	91
7	136	109	122	115	63	92	122	75	100	104	81	92
8	147	103	116	120	81	99	124	61	90	100	68	86
9	125	91	107	120	83	103	112	59	87	98	83	90
10	121	96	108	109	72	91	118	48	85	127	83	98
11	124	92	104	99	67	82	92	66	82	122	76	101
12	138	108	119	124	64	95	98	73	83	108	74	95
13	121	90	108	143	95	120	113	74	91	108	76	95
14	102	83	93	134	104	118	112	86	97	119	87	101
15	111	77	94	127	104	116	102	43	84	122	83	103
16	119	83	97	116	79	103	110	75	93	115	90	103
17	127	80	102	116	19	85	97	46	75	112	80	99
18	127	82	111	107	54	89	97	66	81	106	85	99
19	130	83	105	107	84	99	104	74	87	107	93	100
20	112	75	92	101	59	77	139	78	105	101	91	96
21	137	68	97	95	70	82	178	76	123	107	84	98
22	124	88	106	100	83	92	158	79	124	113	72	94
23	117	85	98	109	87	98	137	69	96	128	77	108
24	108	76	97	137	92	108	92	57	74	117	80	107
25	105	72	88	118	85	107	105	52	84	114	90	102
26	113	70	89	108	91	100	112	54	85	123	48	101
27	103	61	83	109	90	98	106	48	83	130	61	99
28	104	35	83	105	81	95	102	51	79	120	79	102
29	104	47	81	114	61	91	93	33	67	114	95	105
30	102	71	85	103	56	82	121	32	75	113	95	102
31	---	---	---	93	63	82	102	60	76	---	---	---
Month	147	35	99	143	19	94	178	32	89	130	48	96

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9 AT CHERRY POINT, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	106	6	61	94	55	82	74	38	56	92	63	78
2	98	31	68	113	48	80	75	52	67	92	81	87
3	107	13	65	107	79	93	85	72	80	91	82	86
4	65	0	26	101	57	88	87	66	79	89	69	83
5	112	0	32	101	62	88	84	58	74	86	42	77
6	95	1	51	100	70	95	83	64	72	89	44	77
7	96	38	73	101	66	93	88	52	69	92	64	82
8	93	48	81	100	67	90	90	68	83	87	55	76
9	103	47	84	97	86	92	86	60	72	87	74	83
10	114	83	95	94	68	82	74	51	63	89	82	85
11	110	64	95	84	52	69	72	47	60	93	84	87
12	108	37	85	85	59	74	75	53	65	93	85	89
13	111	55	88	81	51	73	71	47	62	---	---	---
14	106	74	90	80	54	63	66	45	55	---	---	---
15	109	42	78	81	47	61	67	45	57	---	---	---
16	105	36	77	89	48	69	68	53	59	---	---	---
17	95	61	78	110	60	78	66	53	60	---	---	---
18	86	39	67	108	52	75	64	48	56	---	---	---
19	81	32	53	88	49	65	74	51	64	---	---	---
20	89	39	75	99	51	73	92	66	80	---	---	---
21	91	55	78	92	82	86	89	74	84	---	---	---
22	86	68	80	91	66	83	90	73	82	---	---	---
23	100	72	88	88	73	82	94	57	81	---	---	---
24	92	82	87	86	67	77	92	70	83	103	68	89
25	90	60	84	87	60	72	93	68	86	104	97	101
26	106	57	88	76	58	67	90	83	87	99	93	97
27	109	49	73	70	50	62	90	86	88	100	91	98
28	97	57	83	70	40	58	90	81	86	104	84	97
29	109	83	93	57	37	49	102	80	86	100	91	96
30	97	78	92	58	35	48	100	81	87	100	88	96
31	105	76	91	---	---	---	96	77	89	101	91	97
Month	114	0	76	113	35	76	102	38	73	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9 AT CHERRY POINT, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	101	89	97	118	80	110	83	3	44	---	---	---
2	111	94	97	119	77	101	61	21	46	92	35	66
3	102	91	98	112	94	104	44	7	24	93	33	76
4	100	90	98	117	95	103	86	2	29	89	58	78
5	104	93	98	124	97	105	115	11	87	99	61	76
6	101	94	97	116	85	103	107	74	88	91	69	83
7	107	90	97	120	89	103	98	30	79	96	85	91
8	103	93	98	116	100	107	121	79	95	101	86	93
9	102	97	99	115	103	108	132	83	103	107	85	98
10	103	97	99	115	102	108	---	---	---	112	91	103
11	103	95	98	126	84	110	94	66	80	107	81	99
12	102	95	98	131	92	109	100	56	77	105	57	86
13	107	90	99	120	89	106	105	86	95	108	70	95
14	105	87	98	117	51	95	97	76	89	99	79	92
15	99	92	96	107	25	69	90	80	85	97	62	86
16	105	91	96	98	24	62	93	73	81	95	65	86
17	101	72	94	93	79	86	83	68	75	94	80	87
18	107	84	97	110	79	94	81	62	70	93	83	88
19	100	93	95	113	89	104	80	63	72	100	70	87
20	100	80	96	120	72	96	85	66	76	97	71	90
21	108	82	97	130	60	110	---	---	---	109	65	93
22	114	76	100	116	40	89	---	---	---	97	70	91
23	105	93	98	85	2	46	---	---	---	102	81	92
24	102	92	96	74	7	37	---	---	---	105	91	98
25	111	90	102	117	0	59	---	---	---	109	70	90
26	126	91	103	119	60	83	---	---	---	109	57	88
27	135	97	114	114	12	73	---	---	---	103	53	79
28	136	111	123	103	4	55	---	---	---	98	40	73
29	---	---	---	86	29	66	---	---	---	102	51	82
30	---	---	---	87	21	63	---	---	---	106	70	93
31	---	---	---	94	8	58	---	---	---	102	48	80
Month	136	72	99	131	0	88	---	---	---	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9 AT CHERRY POINT, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	93	57	77	91	32	78	108	41	81	103	55	75
2	87	23	67	90	53	77	111	53	81	102	62	86
3	84	57	72	90	34	74	93	57	77	104	76	92
4	94	72	83	69	23	43	129	35	79	96	45	74
5	106	72	91	72	16	44	92	38	63	113	25	66
6	119	81	99	88	7	54	91	28	61	104	49	82
7	106	75	96	---	---	---	96	27	61	105	81	91
8	111	40	87	---	---	---	97	10	51	101	63	83
9	110	32	83	---	---	---	88	3	59	102	81	92
10	104	57	84	---	---	---	112	6	56	110	57	92
11	96	47	79	---	---	---	92	53	78	125	51	96
12	99	53	86	109	44	78	91	59	77	112	60	93
13	98	52	77	117	27	72	105	63	82	102	71	91
14	105	54	87	109	38	79	96	40	76	113	81	94
15	114	76	95	104	3	50	91	3	48	114	66	94
16	99	49	81	78	3	30	96	20	62	109	85	97
17	102	50	79	65	3	20	86	9	61	109	72	93
18	106	52	76	73	3	24	93	58	74	104	79	95
19	92	32	59	70	1	24	99	60	81	103	81	96
20	91	18	53	---	---	---	113	12	76	100	79	91
21	97	22	53	---	---	---	104	28	76	103	67	90
22	93	24	60	---	---	---	98	46	72	93	52	77
23	91	23	54	---	---	---	101	49	75	110	0	71
24	87	25	63	---	---	---	88	54	71	111	64	89
25	---	---	---	---	---	---	96	6	67	106	38	83
26	---	---	---	---	---	---	95	13	67	101	31	71
27	---	---	---	114	56	92	90	3	56	92	1	65
28	---	---	---	102	22	79	101	6	66	112	34	79
29	82	1	45	97	8	63	104	59	82	111	64	97
30	84	10	62	104	4	52	106	46	76	107	86	98
31	---	---	---	94	25	78	95	49	72	---	---	---
Month	---	---	---	---	---	---	129	3	70	125	0	86