

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. The monitor was removed on September 4, 2008 to prevent possible destruction during Tropical Storm Hanna. It was reinstalled on September 11, 2008. 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, 23.0 ppt, September 30; minimum recorded, 5.3 ppt, April 18.

SALINITY (BOTTOM): Maximum recorded, 25.0 ppt, August 6; minimum recorded, 5.8 ppt, April 16.

pH (TOP): Maximum recorded, 9.4 standard units, March 12; minimum recorded, 6.9 standard units, April 28.

pH (BOTTOM): Maximum recorded, 8.7 standard units, March 6; minimum recorded, 6.7 standard units, April 28, May 3.

WATER TEMPERATURE (TOP): Maximum recorded, 31.8°C, August 7; minimum recorded, 5.0°C, January 28.

WATER TEMPERATURE (BOTTOM): Maximum recorded, 30.7°C, August 7, 8; minimum recorded, 5.8°C, January 22.

DISSOLVED OXYGEN (TOP): Maximum recorded, 15.4 mg/L, March 12; minimum recorded, 0.0 mg/L, July 25, August 6.

DISSOLVED OXYGEN (BOTTOM): Maximum recorded, 13.4 mg/L, March 3; minimum recorded, 0.0 mg/L, on several days during the year.

DISSOLVED OXYGEN, PERCENT SATURATION (TOP): Maximum recorded, 209%, June 24; minimum recorded, 0%, July 25, August 6.

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

DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM): Maximum recorded, 136%, March 3, July 10, September 3; minimum recorded, 0%, on several days during the year.

**SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, TOP
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	18.7	17.1	17.9	17.8	17.4	17.6	19.4	17.5	18.5	19.2	16.9	17.4
2	18.5	16.8	17.3	19.1	13.7	17.7	19.7	18.4	19.0	19.2	16.0	17.8
3	18.6	16.7	17.1	17.3	12.6	14.0	19.0	18.2	18.5	17.7	15.7	16.8
4	17.8	16.9	17.3	18.0	15.5	16.9	19.2	18.4	18.7	16.1	14.7	15.1
5	18.1	17.2	17.7	18.5	15.7	17.3	19.8	19.0	19.4	16.0	13.9	15.0
6	18.4	16.9	17.3	17.4	15.7	16.5	19.5	18.9	19.3	17.3	13.8	15.6
7	17.3	16.5	16.9	16.4	15.7	16.1	19.4	18.6	18.9	18.6	14.5	16.5
8	17.5	15.7	16.3	16.2	15.7	16.0	18.8	17.9	18.5	19.7	14.7	17.6
9	17.3	15.8	16.3	16.5	16.0	16.3	19.7	17.8	18.6	19.4	16.4	18.1
10	17.9	15.6	16.0	16.9	15.9	16.4	18.8	17.1	17.9	20.8	16.7	18.2
11	17.5	15.9	16.7	16.7	16.3	16.5	19.8	16.9	18.1	20.7	17.5	18.5
12	18.4	17.1	17.6	16.9	16.3	16.5	19.6	17.8	18.6	19.6	17.1	18.2
13	18.0	17.2	17.6	17.5	16.4	17.0	19.8	18.1	18.9	19.7	11.2	17.1
14	18.4	17.1	17.4	18.2	16.6	17.1	19.9	18.9	19.3	17.8	11.2	14.8
15	19.0	17.4	18.1	19.2	17.1	18.3	20.1	19.6	19.8	18.2	14.9	16.1
16	19.0	17.9	18.6	19.0	18.6	18.8	19.7	18.6	19.1	19.5	15.3	16.4
17	19.0	18.0	18.6	18.8	17.7	18.4	19.5	18.1	18.9	18.6	16.0	17.0
18	18.8	18.5	18.7	17.9	17.5	17.6	19.2	18.4	18.7	18.0	16.2	17.0
19	18.8	18.1	18.5	18.1	17.1	17.4	19.1	16.9	17.9	17.5	16.2	16.8
20	18.8	18.4	18.5	17.9	16.8	17.3	18.8	16.9	17.5	18.1	16.2	17.2
21	18.6	18.4	18.5	17.6	15.1	16.2	18.8	17.8	18.5	17.3	15.9	16.5
22	18.7	17.9	18.3	18.5	16.1	17.4	18.8	17.1	18.1	16.9	16.3	16.7
23	19.0	18.2	18.5	19.0	17.2	18.2	19.1	16.0	17.1	17.1	16.2	16.5
24	19.4	18.2	18.8	18.8	17.5	18.1	17.4	16.8	17.1	17.1	16.2	16.6
25	19.4	18.2	18.9	19.0	17.7	18.3	18.0	16.9	17.2	17.1	15.9	16.6
26	19.0	18.5	18.8	18.9	18.1	18.5	18.1	17.1	17.6	16.9	15.2	16.4
27	18.9	18.2	18.5	19.2	18.6	18.8	17.8	15.6	16.8	16.5	14.3	15.3
28	18.6	17.3	18.1	19.6	18.7	19.2	18.6	16.0	17.6	15.9	13.0	13.9
29	17.3	16.5	17.0	19.4	18.6	18.9	18.6	17.5	17.8	16.5	13.3	15.5
30	17.5	16.4	16.9	19.1	18.4	18.8	18.4	17.1	17.7	19.4	14.1	17.0
31	18.8	17.3	18.1	---	---	---	18.4	16.9	17.3	17.2	16.5	16.9
Month	19.4	15.6	17.8	19.6	12.6	17.4	20.1	15.6	18.3	20.8	11.2	16.6

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

**SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, TOP
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	17.3	16.5	17.1	13.1	9.3	10.8	13.2	11.4	12.2	13.6	9.5	11.0
2	17.1	16.7	16.9	13.7	11.1	12.2	13.0	11.1	12.0	13.1	11.0	11.9
3	16.9	16.4	16.6	13.5	11.4	12.9	15.3	10.8	13.4	12.5	10.3	11.4
4	17.5	16.1	16.5	17.1	12.2	14.3	13.3	10.7	11.6	12.7	10.2	11.5
5	16.5	15.0	15.9	17.3	11.8	13.8	12.4	9.7	11.2	13.1	11.8	12.5
6	18.4	16.1	17.2	15.1	11.5	12.9	12.6	9.5	10.6	13.5	12.4	13.0
7	18.7	16.5	17.6	14.7	12.1	13.2	12.2	8.2	9.2	12.4	8.4	10.7
8	17.7	15.9	16.6	14.5	9.0	13.0	8.2	5.9	7.0	11.8	9.2	10.3
9	17.9	16.5	17.1	13.3	10.2	11.6	8.0	5.7	6.6	12.0	9.4	10.9
10	18.0	17.3	17.7	11.7	8.8	10.0	9.2	5.5	6.7	11.5	10.0	11.0
11	18.3	17.6	17.9	15.1	6.5	9.1	10	6.3	7.8	12.7	10.1	11.8
12	18.4	17.7	18.1	13.3	5.9	8.5	13.3	7.5	10.6	11.9	10.3	11.0
13	18.0	17.3	17.7	14.8	7.5	10.1	11.6	7.9	9.0	12.9	10.4	10.9
14	17.7	16.7	17.2	15.3	9.2	12.8	9.7	8.0	8.5	13.0	9.0	10.0
15	17.1	15.1	16.1	15.1	9.2	12.4	9.9	7.4	8.8	10.9	8.8	9.4
16	17.2	14.3	16.0	14.0	12.5	13.1	9.4	5.7	7.0	12.4	9.2	10.3
17	18.1	15.6	16.9	15.0	11.5	12.5	7.5	5.6	5.9	11.4	10	10.7
18	17.6	14.2	16.6	13.7	10.7	12.3	8.4	5.3	6.3	12.8	10.0	11.5
19	16.7	14.5	15.7	15.2	11.3	13.3	13.6	6.8	8.7	12.8	12.2	12.5
20	16.3	14.7	15.4	14.5	11.1	12.2	14.1	9.9	12.0	14.4	11.7	12.7
21	16.3	14.6	15.6	13.2	9.8	11.8	13.5	11.0	11.9	13.7	12.4	13.0
22	16.0	11.3	14.3	11.5	9.0	10.3	12.8	10.6	11.6	13.7	11.6	12.3
23	15.3	8.0	11.1	13.1	10.9	12.0	11.8	10.4	11.1	14.8	11.5	12.9
24	12.9	10.4	11.5	12.6	12.0	12.3	11.1	9.0	9.9	13.7	12.8	13.2
25	12.9	9.7	10.9	12.2	9.2	11.3	11.0	7.5	9.4	13.7	11.4	12.7
26	15.2	9.4	11.6	10.8	8.4	9.6	10.7	6.2	7.8	12.6	10.4	11.2
27	13.2	11.8	12.5	11.1	8.6	10.2	13.2	8.1	10.2	13.1	10.9	11.8
28	13.0	10.2	11.5	11.5	9.9	10.7	13.3	9.0	11.5	13.1	11.6	12.5
29	11.0	9.4	10.3	12.0	8.8	11.1	13.1	11.5	12.0	13.8	12.3	13.2
30	---	---	---	15.5	12.0	13.9	13.0	10.2	11.5	14.1	13.3	13.8
31	---	---	---	14.6	11.7	12.7	---	---	---	14.5	12.9	13.5
Month	18.7	8.0	15.4	17.3	5.9	11.8	15.3	5.3	9.7	14.8	8.4	11.8

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

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, TOP
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	15.0	13.3	14.3	19.4	18.8	19.1	18.5	17.4	18.0	21.9	21.2	21.6
2	14.9	14.2	14.5	19.3	17.5	18.4	19.4	18.1	18.5	21.7	21.1	21.3
3	14.9	14.1	14.5	18.8	17.4	18.0	19.4	18.1	18.6	21.3	19.4	20.7
4	15.6	13.8	14.5	20.1	17.9	18.6	21.0	17.8	18.5	---	---	---
5	15.7	13.8	14.5	21.1	19.1	19.7	19.2	16.9	17.8	---	---	---
6	14.8	13.1	13.7	21.3	18.9	19.9	19.9	17.1	17.9	---	---	---
7	14.1	12.3	12.7	20.1	19.6	19.8	19.6	17.7	18.4	---	---	---
8	14.3	11.1	12.2	20.0	19.0	19.4	21.3	18.7	20.0	---	---	---
9	15.1	11.4	12.6	19.9	18.4	19.4	21.9	20.1	21.0	---	---	---
10	15.9	12.2	14.0	19.9	17.3	18.9	21.6	20.8	21.3	---	---	---
11	16.0	13.5	14.8	19.0	17.4	18.2	21.7	20.9	21.1	---	---	---
12	16.8	15.4	15.9	18.9	17.2	17.9	21.3	20.7	21.0	20.7	18.1	19.6
13	16.5	16.0	16.3	18.7	17.0	17.9	21.4	21.0	21.3	19.4	14.5	15.9
14	16.6	16.3	16.4	19.7	16.2	17.0	21.4	20.8	21.0	17.2	14.7	16.0
15	16.5	16.2	16.3	17.5	16.0	16.5	21.2	20.8	21.0	19.5	16.3	17.7
16	16.8	16.3	16.5	18.0	16.3	17.3	21.2	20.9	21.0	17.9	17.3	17.5
17	17.0	15.2	16.1	18.4	16.6	17.6	21.5	20.6	21.1	17.7	13.4	15.8
18	17.4	15.9	16.5	18.6	17.5	18.0	21.4	21.0	21.3	15.4	13.0	14.0
19	17.5	15.4	16.3	19.0	17.5	18.1	21.5	20.9	21.3	17.9	13.0	15.5
20	16.4	15.5	16.0	19.3	17.1	18.6	21.6	20.8	21.2	15.4	13.4	14.1
21	17.2	16.1	16.5	17.5	16.3	16.9	21.9	21.0	21.6	16.5	13.7	15.2
22	17.3	16.1	16.4	17.1	16.2	16.5	21.2	20.5	20.9	17.0	15.6	16.3
23	17.9	16.1	16.6	17.9	15.8	16.8	21.2	20.5	20.8	17.5	14.2	16.2
24	17.3	16.1	16.6	18.3	16.3	17.2	21.3	20.6	21.0	16.8	13.1	14.2
25	17.3	16.1	16.4	18.2	17.7	17.9	21.2	20.8	21.0	16.9	13.5	14.7
26	17.9	15.9	16.4	18.4	16.9	17.7	21.6	20.8	21.0	17.9	16.3	17.0
27	17.6	16.5	17.0	18.6	16.5	17.2	22.3	21.3	21.6	18.6	17.1	17.7
28	18.6	16.5	17.2	18.6	16.4	17.2	21.8	21.1	21.5	19.9	16.1	17.3
29	19.0	17.5	18.4	17.5	15.7	16.4	21.4	20.8	21.1	21.3	13.9	18.4
30	19.4	17.6	18.6	19.4	16.1	17.4	21.2	20.4	20.7	23.0	13.6	17.2
31	---	---	---	19.3	16.1	17.6	21.8	20.1	20.9	---	---	---
Month	19.4	11.1	15.6	21.3	15.7	18.0	22.3	16.9	20.4	---	---	---

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

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, BOTTOM
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	18.4	16.9	17.9	18.0	17.2	17.6	19.4	17.5	18.5	19.8	17.1	17.8
2	18.1	16.7	17.2	18.9	14.7	18.0	19.6	18.6	19.0	19.0	15.9	17.7
3	18.2	16.6	17.3	18.4	13.5	16.5	19.0	18.3	18.5	17.5	15.7	16.7
4	17.9	16.7	17.2	20.2	16.8	18.7	19.3	18.4	18.8	18.7	15.0	17.3
5	18.0	17.0	17.6	20.5	16.9	18.6	20.0	19.2	19.5	19.3	16.2	18.0
6	18.1	16.8	17.2	20.4	16.2	17.7	19.5	18.9	19.3	20.6	18.2	19.2
7	18.2	16.6	17.2	16.5	15.7	16.0	19.4	18.6	18.9	21.4	18.8	20.2
8	19.6	16.1	17.4	16.8	15.7	15.9	19.3	18.5	18.9	21.5	18.9	20.7
9	19.6	16.1	17.5	17.3	15.9	16.4	19.8	18.4	19.1	21.5	18.6	20.5
10	19.4	15.9	17.3	17.3	16.1	16.6	20.1	18.3	19.3	21.6	18.8	20.3
11	19.2	16.2	17.2	17.5	16.2	16.5	20.5	17.7	19.7	22.3	19.0	20.7
12	18.9	17.2	18.0	18.4	16.6	17.3	20.5	18.4	19.4	22.8	19.1	21.0
13	19.2	17.3	17.9	18.8	16.7	17.4	21.1	18.7	19.8	20.1	16.9	19.3
14	20.5	17.3	18.5	19.4	17.1	18.2	21.4	19.2	19.8	19.8	15.5	18.2
15	20.8	17.8	19.2	20.3	18.4	19.2	20.2	19.6	19.8	20.5	16.2	17.9
16	19.2	18.4	18.8	19.0	18.6	18.8	19.9	18.6	19.2	20.1	16.5	18.7
17	19.3	18.4	18.8	19.5	17.9	18.6	19.6	18.1	18.9	18.9	16.4	17.5
18	19.2	18.6	18.8	19.6	17.5	18.1	19.7	18.4	19.0	18.7	16.1	17.6
19	18.9	18.2	18.6	20.8	17.5	18.9	19.8	17.8	18.9	19.1	16.5	17.7
20	18.8	18.4	18.6	20.7	17.2	18.8	19.9	18.1	19.2	18.2	16.7	17.4
21	18.8	18.4	18.6	21.7	17.0	19.4	19.0	17.7	18.4	17.9	16.2	17.0
22	19.7	18.1	18.5	22.6	18.1	20.2	18.8	17.2	18.2	18.1	16.6	17.2
23	19.6	18.5	18.9	19.6	17.3	18.5	19.9	17.3	18.3	18.2	16.4	17.0
24	19.8	18.6	19.1	20.2	17.5	18.3	19.2	16.9	17.5	18.0	16.3	16.9
25	19.5	18.3	19.1	18.9	17.9	18.5	19.6	16.9	17.9	17.7	16.3	16.9
26	19.2	18.6	18.9	20.2	18.6	19.1	18.8	17.0	17.6	18.8	16.4	17.2
27	19.1	18.3	18.6	19.9	18.6	19.1	19.0	16.0	17.7	18.9	15.1	16.6
28	18.6	17.6	18.2	19.5	18.7	19.2	19.2	17.7	18.7	18.8	14.8	17.0
29	17.9	16.5	17.1	19.6	18.6	18.9	18.7	17.5	18.0	19.9	16.1	17.5
30	18.7	16.4	17.2	19.2	18.6	18.9	19.9	17.9	18.7	19.9	16.3	17.8
31	18.6	17.3	18.0	---	---	---	19.0	16.7	17.8	17.1	16.5	16.8
Month	20.8	15.9	18.1	22.6	13.5	18.1	21.4	16.0	18.8	22.8	14.8	18.1

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

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, BOTTOM
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	17.6	16.7	17.0	19.0	10.7	13.5	13.9	11.5	12.6	14.9	11.7	13.1
2	17.1	16.7	16.9	16.3	11.5	14.4	13.3	11.2	12.3	14.3	11.7	13.5
3	17.5	16.5	16.7	16.9	13.1	14.6	15.1	12.4	13.6	18.7	11.7	13.8
4	18.0	16.3	17.2	18.0	14.1	16.0	15.1	11.3	12.8	17.3	11.5	13.6
5	18.8	15.8	17.5	17.4	13.4	14.8	15.4	10.9	12.7	15.9	11.9	13.4
6	20.2	17.1	18.4	16.7	12.6	14.0	15.7	9.6	12.7	14.9	12.7	13.3
7	19.9	17.2	18.1	15.9	12.9	14.3	13.3	8.6	10.7	13.6	9.5	12.0
8	18.8	15.9	17.0	14.7	9.3	13.5	9.5	6.7	7.8	12.8	10.0	11.4
9	18.8	17.1	17.8	15.5	11.1	12.3	9.7	6.8	7.8	12.6	10.8	11.6
10	18.1	17.3	17.7	16.6	13.0	14.9	14.1	8.5	11.6	14.3	10.6	11.8
11	18.6	17.6	17.9	17.3	14.3	16.0	15.4	11.6	13.0	13.5	11.3	12.5
12	18.5	17.8	18.0	17.7	10.1	15.2	15.7	11.2	13.4	11.9	10.2	11.0
13	17.9	17.3	17.7	18.1	12.6	15.9	13.1	8.3	9.7	14.7	10.4	11.5
14	18.5	17.1	17.5	19.2	15.4	18.4	12.8	8.0	9.7	14.3	10.5	12.8
15	19.4	15.7	17.2	19.0	12.3	15.6	11.7	8.0	9.3	14.9	9.8	12.3
16	17.9	15.1	16.7	17.3	12.4	14.1	10.3	5.8	7.7	15.3	10.4	12.6
17	18.2	15.9	17.4	15.3	11.6	13.3	8.9	6.3	7.8	14.2	10.4	11.3
18	18.4	15.8	17.2	14.1	11.6	13.0	14.5	8.2	11.0	15.4	11.3	12.7
19	16.7	15.0	15.9	15.1	12.8	14.1	16.5	12.5	14.8	13.2	12.3	12.6
20	17.5	15.0	16.0	14.7	11.4	12.7	17.1	13.3	16.0	15.3	12.4	13.3
21	16.5	15.1	15.7	13.8	10.9	12.7	15.1	11.5	12.5	14.5	12.6	13.5
22	16.4	11.9	14.9	15.0	10.2	12.2	12.8	11.1	11.9	15.3	11.8	13.0
23	17.8	12.5	14.6	14.2	10.9	12.2	12.2	10.5	11.4	16.1	12.5	14.2
24	15.9	11.5	13.7	12.7	11.8	12.2	12.5	10.6	11.2	15.1	12.9	13.7
25	16.6	11.1	13.8	13.4	10.2	11.7	13.2	11.2	12.0	14.7	12.1	13.5
26	17.9	12.7	15.6	12.8	9.0	10.4	14.2	10.1	12.8	15.7	11.7	14.1
27	15.7	12.2	12.9	13.5	10.1	11.1	15.9	12.1	14.1	16.5	12.2	14.6
28	13.7	10.2	11.9	12.6	10	11.0	16.7	12.6	15.1	15.7	11.9	13.6
29	17.2	11.1	13.2	12.1	10.4	11.2	14.2	11.5	12.3	14.1	12.8	13.3
30	---	---	---	15.4	11.9	13.8	13.3	10.5	11.8	14.2	13.3	13.9
31	---	---	---	15.0	11.9	13.1	---	---	---	15.9	13.2	13.9
Month	20.2	10.2	16.3	19.2	9.0	13.6	17.1	5.8	11.7	18.7	9.5	12.9

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

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, BOTTOM
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	15.1	13.8	14.3	19.6	18.8	19.1	21.9	17.7	19.1	21.9	21.4	21.7
2	14.8	13.9	14.2	20.6	17.7	18.8	23.0	18.6	20.3	21.8	21.1	21.4
3	14.8	14.0	14.4	21.2	17.9	19.4	22.2	18.6	19.8	22.7	20.8	21.3
4	16.2	14.1	14.6	22.4	18.4	19.7	22.9	19.7	21.2	---	---	---
5	16.1	14.3	14.9	21.8	19.1	20.0	24.0	18.6	21.2	---	---	---
6	17.1	13.8	15.3	21.5	19.2	19.7	25.0	18.4	21.7	---	---	---
7	18.3	13.2	16.0	19.7	19.3	19.5	24.9	19.3	21.5	---	---	---
8	19.9	13.0	16.2	19.9	18.7	19.2	23.5	18.8	21.2	---	---	---
9	20.7	14.1	18.8	20.6	18.8	19.4	22.3	20.5	21.6	---	---	---
10	20.5	15.2	18.9	20.9	18.5	19.2	21.8	21.0	21.4	---	---	---
11	21.2	15.7	19.2	21.1	17.7	18.9	22.2	21.0	21.2	---	---	---
12	18.5	15.5	16.7	20.1	17.4	18.8	21.4	20.8	21.2	21.5	19.6	20.2
13	17.0	16.1	16.5	20.1	18.1	18.7	21.4	20.4	21.3	22.0	17.9	20.3
14	17.1	16.3	16.6	21.2	18.2	19.4	21.4	20.8	21.1	22.7	17.7	20.6
15	16.7	16.3	16.4	21.7	16.3	19.3	21.5	20.8	21.0	23.6	17.9	20.1
16	17.4	16.3	16.6	20.5	17.4	18.4	21.4	20.8	21.0	23.1	17.5	18.7
17	17.1	15.9	16.6	18.9	17.2	18.0	21.7	20.8	21.2	18.6	15.7	17.3
18	18.0	15.9	17.2	20.2	17.9	18.6	21.7	21.1	21.3	19.4	13.9	17.0
19	18.1	16.1	17.1	20.3	18.1	19.1	21.4	20.9	21.2	18.8	14.2	16.6
20	18.1	16.1	16.6	19.5	17.5	18.9	21.4	20.8	21.2	19.2	13.7	16.4
21	18.0	16.3	17.4	19.2	16.9	17.8	21.7	21.4	21.5	18.6	15.9	17.1
22	18.9	16.2	17.3	20.7	16.7	18.7	21.7	20.5	20.9	18.1	15.1	16.1
23	19.3	16.6	17.8	21.4	17.3	19.2	21.8	20.5	21.0	16.5	14.4	15.7
24	19.1	16.4	17.4	20.8	16.7	18.5	22.9	20.6	21.3	19.4	12.3	14.9
25	19.3	16.5	17.6	20.0	17.9	18.8	22.6	20.8	21.4	19.4	12.5	14.5
26	19.6	16.6	17.4	19.8	18.1	18.7	22.7	20.8	21.7	19.9	15.3	16.5
27	18.4	16.9	17.3	20.7	17.7	19.1	22.5	21.2	21.7	21.2	16.5	19.2
28	19.2	16.9	17.6	21.4	17.3	19.0	21.9	21.2	21.6	23.4	18.1	21.5
29	19.1	17.7	18.5	22.1	17.7	20.1	22.2	20.9	21.4	24.0	19.6	22.4
30	19.6	17.7	18.8	22.9	18.2	20.2	23.1	21.0	21.7	24.0	18.4	23.2
31	---	---	---	21.7	17.1	18.9	23.1	20.8	21.6	---	---	---
Month	21.2	13.0	16.8	22.9	16.3	19.1	25.0	17.7	21.2	---	---	---

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

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, TOP
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

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

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

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, TOP
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	February			March			April			May		
1	8.1	8.0	8.1	8.7	8.3	8.6	7.8	7.3	7.6	8.3	7.6	8.0
2	8.2	8.0	8.1	8.9	8.4	8.6	7.8	7.3	7.6	8.0	7.5	7.8
3	8.3	8.1	8.2	8.9	8.6	8.7	7.9	7.4	7.5	7.9	7.5	7.7
4	8.3	8.1	8.2	8.8	7.6	8.6	8.0	7.3	7.7	8.1	7.4	7.8
5	8.3	8.1	8.3	8.8	7.6	8.5	8.0	7.3	7.6	7.8	7.5	7.8
6	8.2	8.0	8.2	8.8	8.0	8.7	8.2	7.4	7.8	8.2	7.6	7.8
7	8.3	8.0	8.2	8.7	8.0	8.4	8.2	7.7	8.0	8.5	7.4	8.0
8	8.3	8.1	8.2	8.4	7.6	7.9	8.4	7.9	8.2	8.1	7.4	7.9
9	8.3	8.1	8.2	8.4	7.9	8.0	8.4	7.9	8.1	8.1	7.4	7.7
10	8.2	8.0	8.1	8.7	7.9	8.4	8.2	7.5	7.8	8.5	7.1	7.6
11	8.2	8.0	8.1	9.2	7.9	8.6	8.6	7.5	8.1	8.0	7.4	7.5
12	8.1	8.0	8.0	9.4	7.9	8.8	8.4	7.1	7.5	7.6	7.4	7.5
13	8.0	7.9	8.0	8.7	7.7	8.2	8.5	7.4	8.0	7.8	7.5	7.6
14	8.1	7.9	8.0	8.4	7.2	7.9	8.6	8.0	8.2	8.4	7.5	8.0
15	8.2	8.0	8.1	8.5	7.5	8.1	8.5	7.8	8.3	8.4	7.5	8.2
16	8.2	8.0	8.1	8.1	7.7	7.9	8.4	7.8	8.2	8.2	7.8	8.0
17	8.1	7.9	8.0	8.1	7.7	7.9	8.7	8.0	8.2	8.3	7.7	8.0
18	8.1	7.8	7.9	8.3	7.9	8.1	8.9	8.0	8.3	8.4	7.5	8.0
19	8.0	7.8	8.0	8.2	7.3	8.0	8.6	7.1	8.3	8.2	7.7	7.9
20	8.0	7.8	7.9	7.8	7.4	7.7	7.9	7.1	7.5	8.3	7.5	8.0
21	8.0	7.9	7.9	8.2	7.4	7.7	8.0	7.3	7.6	8.0	7.1	7.6
22	8.1	7.9	7.9	8.2	7.6	7.9	7.8	7.5	7.6	7.8	7.2	7.6
23	8.2	7.9	8.1	8.0	7.4	7.8	7.7	7.4	7.6	7.7	7.1	7.5
24	8.3	8.0	8.2	8.2	7.6	7.7	8.2	7.5	7.8	7.6	7.3	7.5
25	8.8	8.1	8.4	8.3	7.6	8.0	8.2	7.2	7.7	7.8	7.1	7.3
26	8.7	7.9	8.4	8.4	8.0	8.3	8.5	7.6	8.1	7.7	7.3	7.5
27	8.4	8.0	8.2	8.4	7.6	8.0	7.9	7.0	7.3	7.6	7.2	7.4
28	8.6	7.9	8.3	8.3	7.6	7.9	7.8	6.9	7.2	7.3	7.0	7.2
29	8.6	8.2	8.4	8.4	7.7	7.8	7.6	7.1	7.4	7.5	7.1	7.2
30	---	---	---	7.7	7.5	7.6	8.1	7.3	7.5	7.5	7.1	7.3
31	---	---	---	7.8	7.5	7.6	---	---	---	7.5	7.0	7.3
Max	8.8	8.2	8.4	9.4	8.6	8.8	8.9	8.0	8.3	8.5	7.8	8.2
Min	8.0	7.8	7.9	7.7	7.2	7.6	7.6	6.9	7.2	7.3	7.0	7.2

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

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, TOP
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

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

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

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, BOTTOM
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

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

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

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, BOTTOM
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

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

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

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, BOTTOM
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

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

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

TEMPERATURE, WATER, DEGREES CELSIUS, TOP
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	24.1	23.3	23.7	20.2	19.2	19.6	12.3	11.6	11.9	12.4	11.3	12.0
2	24.1	23.4	23.8	20.0	17.9	19.1	12.0	10.8	11.5	11.3	9.0	10.3
3	24.9	23.8	24.3	18.0	17.1	17.6	13.1	12.0	12.6	9.0	6.8	7.8
4	25.1	24.2	24.7	18.2	15.9	17.6	12.3	10.4	11.4	7.1	6.3	6.7
5	25.3	24.7	25.0	17.9	16.0	17.0	11.0	10.3	10.7	6.9	5.2	6.1
6	25.5	24.9	25.2	16.9	15.9	16.6	10.5	9.6	10	7.4	5.7	6.6
7	26.7	24.9	25.3	16.4	15.0	15.6	9.6	9.1	9.3	8.3	6.9	7.5
8	27.2	25.3	26.0	15.1	14.2	14.5	9.8	9.1	9.3	9.1	7.5	8.2
9	27.4	25.8	26.3	14.2	13.6	13.9	11.4	9.4	10.1	10.4	8.3	9.3
10	26.5	25.6	25.9	14.0	13.1	13.5	12.1	10.2	11.0	11.2	9.1	10.1
11	25.8	24.2	25.2	13.3	12.5	13.0	12.5	10.8	11.7	11.8	10.4	11.1
12	24.4	23.1	23.7	13.5	12.3	12.8	13.5	11.0	12.0	11.9	10.8	11.6
13	23.4	22.4	22.9	13.7	13.0	13.3	13.8	11.9	12.5	12.1	10.8	11.3
14	22.9	22.0	22.4	14.7	13.4	13.9	13.5	12.4	12.8	11.9	10.6	11.3
15	22.9	21.8	22.3	14.4	13.2	14.1	12.8	12.2	12.5	10.6	9.1	10.0
16	22.8	21.5	22.4	13.4	12.3	12.9	13.7	12.4	13.1	9.3	8.5	8.9
17	23.4	22.5	22.9	12.6	11.5	12.2	12.5	9.9	11.3	8.6	8.1	8.5
18	24.0	23.0	23.4	13.1	11.8	12.4	10.6	9.7	10.1	8.8	8.3	8.6
19	24.8	23.5	23.8	13.6	12.3	12.9	10.1	9.0	9.6	8.6	8.2	8.4
20	24.4	23.6	24.0	14.3	12.8	13.5	10.1	9.0	9.6	8.2	6.9	7.8
21	24.1	23.3	23.6	14.8	13.6	14.2	9.9	9.5	9.8	7.1	5.8	6.5
22	23.9	23.0	23.3	15.1	14.0	14.6	10.8	9.7	10.1	6.5	5.5	6.0
23	24.2	23.2	23.7	15.0	13.4	14.4	11.5	10.1	10.7	7.9	6.4	7.1
24	24.8	23.9	24.2	13.4	12.1	12.8	11.6	11.0	11.2	7.8	7.2	7.6
25	24.3	24.0	24.2	12.5	11.8	12.1	11.3	10.8	11.0	7.3	6.5	6.9
26	24.0	23.8	23.9	13.1	11.9	12.6	10.9	10.3	10.6	6.8	5.6	6.3
27	23.8	23.3	23.6	13.8	12.9	13.4	10.7	9.7	10.2	6.6	5.4	6.0
28	23.4	21.4	22.6	13.4	12.7	13.1	11.0	10.2	10.6	6.5	5.0	5.9
29	21.7	19.8	20.6	13.1	12.5	12.8	12.8	11.0	11.9	7.4	5.8	6.7
30	19.8	18.7	19.1	12.9	12.3	12.6	12.6	11.9	12.4	8.9	7.4	8.2
31	19.7	18.6	19.1	---	---	---	12.4	11.8	12.2	8.7	7.7	8.2
Month	27.4	18.6	23.6	20.2	11.5	14.3	13.8	9.0	11.1	12.4	5.0	8.3

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

TEMPERATURE, WATER, DEGREES CELSIUS, TOP
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	10.4	8.2	9.0	11.6	9.7	10.5	15.8	13.9	14.5	20.6	19.1	19.7
2	10.1	8.9	9.4	11.8	10.5	11.1	15.7	14.6	15.1	20.6	19.5	20.1
3	10.5	9.6	9.9	13.0	10.4	11.6	14.7	13.8	14.2	21.3	19.7	20.4
4	11.3	9.7	10.4	14.2	11.9	12.7	15.9	14.1	15.1	22.6	20.5	21.3
5	12.4	10.8	11.8	15.4	13.2	14.3	16.6	15.6	16.0	21.9	21.2	21.5
6	13.1	11.4	12.1	16.0	14.2	15.0	17.6	15.9	16.7	22.6	21.0	21.7
7	13.4	11.8	12.7	15.3	14.4	14.8	16.9	15.8	16.3	23.0	21.6	22.1
8	13.5	12.5	13.0	15.6	13.1	15.1	15.9	15.0	15.4	22.5	21.3	22.2
9	13.4	12.4	12.9	14.6	12.9	13.7	15.4	14.8	15.1	23.1	21.8	22.4
10	12.9	11.8	12.3	14.3	12.1	13.5	16.6	15.2	15.6	24.0	22.3	22.9
11	11.9	10.7	11.5	14.5	13.0	13.8	18.2	15.7	16.9	23.1	21.6	22.2
12	11.8	11.0	11.3	15.1	13.3	14.1	18.8	16.5	17.4	21.6	19.5	20.8
13	13.9	11.6	12.6	15.5	13.6	14.8	19.1	17.9	18.4	19.8	18.8	19.3
14	13.2	12.0	12.5	15.6	14.5	14.9	18.6	17.3	17.7	20.1	18.1	19.3
15	12.2	11.4	11.9	15.2	14.4	14.7	17.4	15.7	16.5	20.7	19.4	20.0
16	12.2	11.4	11.9	15.4	14.7	15.0	16.3	15.1	15.5	21.5	20.1	20.6
17	12.4	11.3	11.8	15.1	13.9	14.4	16.5	14.4	15.3	22.1	20.3	21.1
18	13.9	12.2	13.0	14.7	13.3	14.1	18.4	15.4	16.3	21.4	20.3	20.8
19	13.4	12.4	13.0	16.2	13.9	14.8	18.1	15.8	17.0	22.0	20.3	20.9
20	13.4	12.0	12.5	16.0	15.3	15.6	17.6	16.1	17.1	23.0	21.0	21.7
21	12.4	11.2	11.7	16.5	14.7	15.2	17.8	17.0	17.3	23.3	21.5	22.0
22	11.5	10.7	11.2	16.6	14.5	15.2	18.1	16.9	17.4	23.3	21.4	22.5
23	12.0	10.6	11.4	15.9	14.8	15.2	18.9	17.5	18.1	23.2	21.9	22.6
24	11.9	11.2	11.5	14.8	13.6	14.2	20.6	18.4	19.3	22.9	22.1	22.5
25	12.4	10.9	11.5	14.5	12.3	13.4	21.2	18.8	19.9	23.6	21.5	22.4
26	12.2	11.3	11.8	14.4	12.8	13.5	22.2	19.9	21.0	23.7	22.3	22.9
27	12.0	10.9	11.6	14.8	13.3	13.9	21.8	19.8	20.5	24.0	22.3	23.3
28	11.0	9.3	10.1	16.5	14.1	15.0	21.1	19.6	20.3	23.3	21.9	22.8
29	10.2	8.7	9.7	15.6	14.0	14.9	20.4	19.4	19.9	22.4	21.2	21.7
30	---	---	---	14.0	12.9	13.4	20.0	18.1	19.2	23.8	21.7	22.3
31	---	---	---	14.7	12.9	13.5	---	---	---	24.6	22.5	23.3
Month	13.9	8.2	11.6	16.6	9.7	14.1	22.2	13.8	17.2	24.6	18.1	21.6

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

TEMPERATURE, WATER, DEGREES CELSIUS, TOP
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	25.7	22.8	24.1	28.6	27.5	27.9	30.9	28.7	29.5	28.4	27.6	28.1
2	25.4	23.5	24.4	28.4	26.8	27.6	31.1	28.9	30.0	28.4	27.1	27.8
3	25.3	24.0	24.7	28.4	27.1	27.7	31.1	29.0	30.0	29.3	27.1	27.8
4	26.4	24.3	25.0	29.0	26.9	27.8	30.9	29.8	30.2	---	---	---
5	27.6	24.4	25.8	28.4	27.6	27.9	31.2	29.4	30.3	---	---	---
6	29.2	26.0	27.2	28.2	26.6	27.6	31.4	30.0	30.6	---	---	---
7	29.8	27.3	28.2	28.4	27.1	27.8	31.8	30.4	31.0	---	---	---
8	31.0	27.7	29.0	28.6	27.4	27.9	31.0	29.6	30.2	---	---	---
9	30.1	27.9	28.9	28.3	27.2	27.8	30.3	29.3	29.6	---	---	---
10	30.0	27.4	28.7	28.8	27.1	27.8	29.4	28.7	29.1	---	---	---
11	29.1	27.2	28.4	28.4	27.5	27.9	30.1	28.1	29.0	---	---	---
12	29.0	27.6	28.3	28.4	27.2	27.7	29.4	28.4	28.9	28.7	27.1	27.8
13	28.5	27.6	28.1	29.0	27.4	28.0	28.4	27.0	27.7	29.3	27.6	28.3
14	29.3	27.6	28.2	30.0	27.6	28.6	28.4	26.5	27.0	29.2	28.1	28.6
15	28.2	27.5	27.8	29.3	28.6	28.9	28.5	26.5	27.2	29.4	27.8	28.5
16	28.7	26.9	27.6	29.3	28.0	28.5	28.4	26.7	27.3	28.8	27.4	28.0
17	29.4	26.9	28.1	28.9	28.0	28.4	27.5	27.0	27.3	27.5	25.6	26.7
18	28.5	27.2	27.7	29.7	28.1	28.8	27.6	26.6	27.2	26.4	24.4	25.1
19	28.3	26.7	27.5	29.4	28.5	28.9	29.2	27.0	27.8	24.8	23.7	24.2
20	28.2	26.8	27.3	29.0	28.0	28.5	28.4	27.4	27.9	24.0	22.6	23.2
21	27.3	26.5	26.9	29.8	28.1	28.8	28.2	27.6	27.9	23.6	22.8	23.3
22	27.7	26.1	26.8	30.2	28.8	29.4	28.0	27.4	27.6	23.5	22.8	23.1
23	27.3	26.6	27.0	30.0	29.2	29.6	27.7	27.1	27.4	22.9	22.1	22.5
24	28.9	26.0	26.8	30.0	28.5	29.0	28.2	27.1	27.6	22.2	20.8	21.5
25	28.1	26.7	27.2	29.2	28.5	28.9	28.9	27.3	27.9	20.9	20.2	20.6
26	28.7	26.9	27.6	29.6	28.1	28.8	28.4	27.8	28.1	21.9	20.9	21.1
27	29.1	27.2	27.9	30.0	28.6	29.2	28.0	27.4	27.7	22.1	21.1	21.5
28	29.3	27.6	28.1	31.1	28.5	29.5	28.5	27.3	27.7	24.0	21.4	22.5
29	29.6	27.2	27.9	31.0	29.5	30.0	28.9	27.6	28.1	23.2	22.0	22.5
30	28.4	27.0	27.9	30.9	28.9	29.7	29.4	27.8	28.5	23.6	21.9	22.8
31	---	---	---	31.0	28.8	29.8	29.2	28.4	28.7	---	---	---
Month	31.0	22.8	27.3	31.1	26.6	28.5	31.8	26.5	28.5	---	---	---

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

TEMPERATURE, WATER, DEGREES CELSIUS, BOTTOM
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	24.1	23.1	23.7	20.1	19.0	19.6	12.9	11.8	12.1	12.5	11.5	12.2
2	24.2	23.2	23.8	20.0	18.1	19.2	12.1	10.9	11.7	11.5	9.4	10.5
3	24.9	23.9	24.2	18.8	17.4	18.1	13.2	12.1	12.8	9.4	7.0	8.0
4	25.1	24.2	24.6	18.2	17.3	18.0	12.5	11.0	11.6	8.8	6.6	7.8
5	25.3	24.7	25.0	18.2	16.5	17.5	11.2	10.7	11.0	8.6	7.0	7.9
6	25.6	24.9	25.1	18.0	16.4	17.1	10.8	9.8	10.1	8.7	7.7	8.2
7	25.4	24.9	25.1	16.4	15.0	15.7	9.8	9.3	9.5	8.9	7.8	8.4
8	25.7	25.2	25.4	15.2	14.2	14.5	10.1	9.4	9.7	8.8	8.2	8.6
9	26.2	25.4	25.8	14.8	13.7	14.1	10.5	9.6	10.1	9.6	8.4	9.0
10	26.2	25.4	25.8	14.6	13.2	13.7	11.2	10.1	10.4	10.2	8.9	9.5
11	25.8	24.4	25.2	13.7	12.5	13.1	12.4	10.2	10.8	11.7	8.8	9.7
12	24.4	23.1	23.8	13.9	12.7	13.3	12.7	10.8	11.7	11.6	8.8	10.1
13	23.5	22.5	23.0	13.8	13.1	13.4	12.7	11.1	12.1	11.4	10.7	11.1
14	23.7	22.2	22.8	14.0	13.6	13.8	13.4	11.6	12.7	11.6	10.8	11.2
15	23.7	21.8	22.8	14.5	13.4	14.1	12.9	12.2	12.6	11.1	9.6	10.4
16	22.8	21.8	22.5	13.6	12.6	13.1	13.8	12.5	13.2	10.0	9.1	9.4
17	23.3	22.5	22.8	13.2	12.0	12.5	12.7	10.1	11.6	9.2	8.3	8.7
18	23.9	23.0	23.3	13.2	12.0	12.6	11.0	9.8	10.5	9.0	8.6	8.9
19	24.5	23.4	23.7	13.8	12.5	13.2	10.8	10.0	10.4	9.1	8.5	8.8
20	24.2	23.5	23.9	14.1	13.0	13.5	11.0	10.1	10.6	8.7	7.7	8.2
21	23.8	23.3	23.5	14.1	13.2	13.7	10.5	9.8	10	8.0	6.0	7.1
22	23.7	23.0	23.3	14.9	13.8	14.2	10.9	9.9	10.3	7.6	5.8	6.7
23	24.0	23.2	23.6	15.2	13.5	14.5	11.4	10.6	10.9	8.0	6.6	7.2
24	24.7	23.8	24.1	13.8	12.2	13.0	11.6	11.2	11.4	8.0	7.3	7.7
25	24.3	24.0	24.1	12.9	12.0	12.4	11.5	11.0	11.3	7.4	6.9	7.1
26	24.0	23.7	23.9	12.9	12.3	12.6	11.1	10.6	10.9	7.5	6.7	7.1
27	23.9	23.3	23.6	13.8	12.4	13.4	10.9	10.1	10.6	7.4	6.2	6.6
28	23.3	21.6	22.6	13.6	12.8	13.2	11.1	10.7	10.8	7.5	6.3	6.9
29	21.7	19.8	20.6	13.2	12.7	12.9	12.8	11.1	11.8	7.7	6.6	7.2
30	21.0	18.8	19.3	13.0	12.5	12.8	12.5	11.2	11.9	9.2	7.6	8.3
31	19.6	18.6	19.1	---	---	---	12.4	11.7	12.2	9.0	7.9	8.4
Month	26.2	18.6	23.5	20.1	12.0	14.4	13.8	9.3	11.2	12.5	5.8	8.6

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

TEMPERATURE, WATER, DEGREES CELSIUS, BOTTOM
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	10.2	8.3	9.1	11.4	10.1	10.9	15.6	13.6	14.6	19.7	19.1	19.3
2	10.0	9.1	9.5	11.7	10.7	11.3	15.8	14.8	15.3	20.4	19.1	19.6
3	10.2	9.3	9.8	13.4	11.2	11.9	14.8	14.0	14.3	21.0	19.0	20.1
4	10.8	9.1	9.7	14.1	11.4	12.4	15.7	14.2	14.7	21.9	19.7	20.7
5	11.6	9.1	10.2	14.9	13.2	14.1	16.5	14.2	15.5	21.8	20.7	21.2
6	12.2	9.0	11.0	16.0	13.5	14.8	17.4	14.7	16.0	22.3	20.8	21.5
7	13.4	10.8	12.5	15.4	13.9	14.6	16.9	16.1	16.4	22.7	21.6	21.9
8	13.6	12.3	13.0	15.7	13.2	15.1	16.2	15.4	15.6	22.4	21.4	22.0
9	13.4	12.2	12.8	14.7	13.2	13.8	15.7	15.1	15.3	22.9	21.6	22.2
10	13.0	11.9	12.5	14.2	13.6	14.0	15.4	15.1	15.2	23.9	22.1	22.8
11	12.1	11.2	11.7	15.1	13.9	14.2	15.8	15.1	15.3	22.8	21.6	22.2
12	11.9	11.2	11.5	14.6	13.8	14.3	18.0	15.0	16.5	21.6	19.5	20.8
13	14.0	11.7	12.7	14.9	14.1	14.4	18.8	17.1	18.2	20.0	18.7	19.4
14	13.4	12.3	12.6	14.7	13.9	14.1	18.6	17.2	17.7	19.9	18.9	19.6
15	12.5	11.7	12.2	15.0	14.0	14.4	17.6	15.8	16.7	20.4	19.6	19.9
16	12.3	11.8	12.1	15.5	14.3	15.0	16.6	15.3	15.6	21.1	19.6	20.2
17	12.2	11.6	11.9	15.2	14.2	14.6	15.9	14.8	15.4	21.4	20.0	20.7
18	13.9	11.8	13.0	14.7	13.5	14.4	15.9	15.0	15.5	21.1	20.0	20.6
19	13.5	12.6	13.1	16.2	14.3	14.9	16.1	15.1	15.4	21.3	20.2	20.8
20	13.1	11.9	12.6	16.3	15.5	15.8	17.2	15.2	15.8	22.5	20.6	21.5
21	12.5	11.2	11.8	15.6	14.9	15.2	17.7	16.4	17.2	22.4	21.5	21.8
22	11.6	10.7	11.3	16.0	14.9	15.5	18.1	17.0	17.4	23.3	21.5	22.3
23	11.8	11.1	11.4	15.8	14.9	15.4	18.5	17.6	18.0	23.1	22.0	22.6
24	11.9	11.3	11.7	15.1	13.8	14.4	19.1	18.1	18.6	23.1	22.2	22.5
25	11.7	11.2	11.4	14.4	12.5	13.6	19.6	18.3	18.8	23.1	21.7	22.3
26	12.2	11.3	11.7	14.3	13.2	13.8	19.8	18.0	19.1	23.2	22.2	22.6
27	12.1	11.1	11.8	14.6	13.5	13.9	19.9	18.3	18.8	23.2	22.1	22.6
28	11.1	9.9	10.4	16.2	14.1	14.9	19.9	18.3	18.8	23.2	22.0	22.7
29	10.9	9.4	10.4	15.5	14.1	15.0	20.2	19.5	19.9	22.3	21.3	21.8
30	---	---	---	14.1	13.0	13.5	19.9	18.5	19.3	22.8	21.9	22.2
31	---	---	---	14.9	12.7	13.5	---	---	---	23.9	22.0	23.0
Month	14.0	8.3	11.6	16.3	10.1	14.1	20.2	13.6	16.7	23.9	18.7	21.4

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

TEMPERATURE, WATER, DEGREES CELSIUS, BOTTOM
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	24.7	22.8	23.5	28.6	27.6	28.0	29.8	28.7	29.3	28.5	27.6	28.1
2	25.0	23.5	24.2	28.0	26.9	27.4	30.3	29.0	29.5	28.3	27.3	27.7
3	25.1	23.7	24.3	27.8	27.4	27.6	30.3	29.0	29.6	28.2	27.2	27.5
4	25.9	23.5	24.7	28.4	27.3	27.7	30.2	29.5	29.7	---	---	---
5	26.6	24.4	25.2	28.1	27.5	27.9	30.0	29.4	29.7	---	---	---
6	26.8	25.0	25.9	27.9	27.1	27.5	30.5	29.4	29.9	---	---	---
7	27.4	25.1	26.2	28.2	27.1	27.7	30.7	29.6	30.3	---	---	---
8	28.0	25.4	26.8	28.4	27.4	27.8	30.7	29.6	29.9	---	---	---
9	27.9	25.2	26.4	28.2	27.1	27.6	30.1	29.4	29.7	---	---	---
10	27.8	25.8	26.5	28.3	27.0	27.6	29.5	28.7	29.1	---	---	---
11	27.7	25.4	26.4	28.1	27.6	27.8	30.0	28.2	29.0	---	---	---
12	28.6	26.9	27.9	27.9	27.3	27.6	29.4	28.3	28.6	28.1	27.3	27.7
13	28.5	27.6	28.1	28.0	27.6	27.8	28.4	27.0	27.7	28.2	27.6	27.8
14	28.3	27.2	27.9	28.6	27.5	27.9	27.3	26.1	26.7	28.4	27.7	28.0
15	28.1	27.3	27.7	29.2	27.5	28.3	28.2	26.6	27.0	29.0	27.8	28.2
16	28.0	26.9	27.5	29.0	28.0	28.4	27.5	26.8	27.2	28.4	27.5	28.1
17	29.2	26.9	27.8	28.8	27.9	28.4	27.5	27.1	27.3	27.6	26.5	27.1
18	28.2	27.2	27.5	29.2	28.0	28.5	27.6	26.6	27.2	27.4	25.1	26.0
19	27.8	27.0	27.3	29.0	28.0	28.6	28.2	27.0	27.4	25.9	23.8	24.7
20	27.8	26.7	27.2	29.0	28.2	28.5	28.4	27.5	28.0	25.0	23.2	24.2
21	27.5	27.0	27.2	29.1	27.9	28.3	28.2	27.7	28.0	24.4	23.8	24.0
22	27.3	26.2	26.8	30.1	28.2	28.8	28.0	27.3	27.6	24.2	23.0	23.4
23	27.1	26.7	26.9	29.5	28.4	29.1	27.7	26.8	27.3	23.2	22.4	22.7
24	27.0	26.0	26.5	29.6	28.5	28.9	27.8	27.0	27.4	22.7	20.9	21.8
25	27.4	26.5	26.9	29.1	28.6	28.8	28.1	27.2	27.6	21.5	20.3	20.8
26	28.5	26.7	27.4	28.9	28.4	28.7	28.1	27.2	27.8	21.3	21.1	21.2
27	28.6	26.8	27.8	29.6	28.8	29.0	28.0	27.4	27.6	21.4	21.2	21.3
28	28.5	27.6	28.0	29.5	28.6	29.0	28.1	27.3	27.6	21.7	21.3	21.4
29	29.0	27.1	28.0	29.6	28.9	29.1	28.6	27.6	27.9	22.5	21.4	21.6
30	28.5	27.2	27.8	29.5	28.9	29.2	28.5	27.6	28.0	22.5	21.5	21.7
31	---	---	---	30.1	28.9	29.4	29.2	27.7	28.5	---	---	---
Month	29.2	22.8	26.7	30.1	26.9	28.3	30.7	26.1	28.3	---	---	---

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

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, TOP
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	8.8	7.4	8.1	10.0	8.9	9.4	10.1	9.6	9.8	9.8	8.9	9.6
2	8.8	7.6	8.2	9.2	8.3	8.7	10.0	9.2	9.7	10.2	9.3	9.7
3	9.2	7.0	8.1	9.6	8.3	8.8	9.6	9.1	9.3	10.5	9.7	10.0
4	8.6	5.6	8.0	10.6	7.8	8.8	9.6	9.0	9.3	12.9	9.9	11.2
5	8.4	6.7	7.8	10.1	7.6	9.3	9.8	9.1	9.6	13.2	11.3	12.3
6	8.4	3.9	7.1	10.2	9.0	9.6	10.1	9.6	9.8	14.2	9.9	12.2
7	9.1	4.2	7.2	9.5	8.8	9.2	10.4	9.8	10.1	14.9	10.4	11.8
8	9.8	6.5	8.4	9.6	8.8	9.2	10.6	9.1	10.1	13.0	10.1	11.7
9	9.7	5.3	8.5	9.7	8.5	9.1	10.6	9.1	10.3	11.7	10.4	11.1
10	9.8	5.2	8.4	9.4	8.7	9.0	10.8	8.6	10.3	11.6	9.2	10.8
11	8.4	1.4	7.0	9.3	8.3	8.8	10.6	9.8	10.2	11.2	9.5	10.2
12	8.3	6.6	7.3	9.8	8.2	9.1	10.3	9.6	10.1	10.3	8.5	9.8
13	8.5	6.9	7.8	9.5	8.8	9.1	10.3	9.5	10.0	11.3	8.8	9.8
14	9.0	6.0	8.1	10.4	7.6	9.5	10.3	8.9	9.9	11.1	9.2	10.4
15	9.2	7.3	8.2	9.9	8.4	9.0	10.0	9.3	9.6	10.6	8.6	10.1
16	8.7	6.5	8.0	9.4	8.6	9.0	9.3	8.8	9.1	10.6	9.4	10.2
17	8.8	6.1	7.8	10.2	8.6	9.5	9.7	9.0	9.3	10.4	9.6	10.0
18	8.2	6.3	7.4	10.2	9.7	9.9	10.4	9.3	9.8	10.3	9.5	10.0
19	7.9	5.4	6.8	10.4	9.4	10.1	10.9	9.9	10.4	10.5	10.0	10.3
20	8.2	5.1	6.8	10.5	9.7	10.1	11.4	9.8	10.7	10.8	10.0	10.4
21	8.4	1.8	6.7	10.8	9.8	10.3	10.8	9.9	10.2	11.4	10.6	10.9
22	9.0	4.4	7.3	10.0	9.0	9.6	10.7	9.9	10.3	12.1	10.9	11.4
23	7.8	2.2	6.7	9.6	8.9	9.3	11.0	10.2	10.5	12.1	10.8	11.7
24	7.9	2.1	6.7	9.8	9.1	9.4	10.8	10.1	10.4	12.2	10.7	11.6
25	8.3	4.7	7.0	9.8	9.1	9.5	10.6	9.9	10.4	11.9	11.0	11.4
26	7.3	4.9	6.5	9.8	8.9	9.3	10.1	9.6	9.8	12.7	10.8	11.8
27	7.7	3.2	6.4	10.0	8.9	9.5	10.7	9.6	10.1	13.1	11.8	12.5
28	8.6	6.1	7.4	9.8	9.0	9.5	10.9	8.7	9.9	13.8	12.3	13.2
29	9.5	7.8	8.6	9.9	9.1	9.6	10.3	9.3	10	13.4	11.9	12.5
30	9.8	8.2	9.0	10.0	9.3	9.6	10.0	8.2	9.7	11.9	10.7	11.4
31	9.5	8.6	9.3	---	---	---	9.9	8.8	9.7	11.6	11.1	11.3
Month	9.8	1.4	7.6	10.8	7.6	9.4	11.4	8.2	9.9	14.9	8.5	11.0

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

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, TOP
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	11.2	10.6	10.9	14.1	12.1	13.2	10.1	8.3	9.5	11.2	8.6	9.8
2	11.7	10.5	11.0	15.2	12.0	13.1	9.8	8.5	9.3	9.6	7.5	8.8
3	12.5	11.1	11.7	14.3	12.3	13.3	9.8	8.7	9.1	9.0	7.8	8.3
4	12.9	11.5	12.2	13.7	8.1	11.3	10.6	7.8	9.5	9.1	7.0	8.0
5	12.4	11.2	11.9	12.9	8.1	10.7	10.0	7.7	9.1	8.0	6.5	7.4
6	11.4	10.4	11.0	12.8	8.6	11.9	10.8	8.1	9.6	9.0	6.4	7.5
7	10.9	10.0	10.5	11.5	8.4	10.1	10.4	9.2	9.7	9.6	3.0	7.7
8	11.0	10.1	10.7	9.4	7.0	8.6	11.0	9.4	10.2	---	---	---
9	10.6	9.9	10.3	10.6	8.8	9.4	11.6	9.8	10.4	---	---	---
10	10.3	9.7	10	12.2	6.7	10.4	11.5	8.6	10.1	---	---	---
11	10.7	9.6	10.2	14.3	7.9	11.3	12.4	8.5	10.5	---	---	---
12	10.6	9.7	10.1	15.4	7.8	11.8	10.2	6.9	8.5	---	---	---
13	10.2	9.4	9.9	13.2	8.6	10.8	11.5	8.5	9.7	---	---	---
14	10.8	9.6	10.1	11.9	7.0	9.5	12.0	9.5	10.4	---	---	---
15	11.2	10.0	10.7	11.5	8.2	10.1	10.7	9.3	10.1	---	---	---
16	10.9	10.2	10.6	10.1	8.8	9.5	11.3	9.8	10.4	---	---	---
17	10.6	9.3	10.1	10.8	8.9	10	13.5	10.1	11.3	---	---	---
18	10.4	9.0	9.6	11.6	10.0	10.6	13.9	9.9	11.7	---	---	---
19	10.4	9.4	9.9	11.1	7.5	9.5	11.8	5.8	10.1	---	---	---
20	10.3	9.5	9.9	9.2	7.9	8.8	9.4	4.6	7.7	---	---	---
21	10.4	9.9	10.2	10.8	8.4	9.4	9.0	7.6	8.3	---	---	---
22	11.3	10.1	10.5	11.0	8.6	10.1	9.3	7.9	8.4	8.9	5.8	8.1
23	11.6	10.1	11.0	10.1	8.2	9.5	9.1	7.8	8.6	8.8	5.6	7.6
24	11.8	10.7	11.2	10.9	8.8	9.4	10.6	8.3	9.4	9.0	7.4	8.1
25	14.5	10.9	12.4	11.3	9.4	10.2	10.2	7.0	8.9	10.7	6.0	8.1
26	13.6	9.8	11.6	11.7	10.1	10.9	10.6	8.1	9.5	9.3	6.8	8.3
27	11.8	9.9	10.8	11.1	9.1	10.2	9.1	5.4	7.4	9.0	5.8	7.8
28	13.5	10.4	11.7	10.6	9.2	9.8	8.8	4.1	6.4	7.6	6.1	7.0
29	13.8	11.8	12.6	10.7	9.1	9.5	8.7	6.3	7.6	8.6	6.4	7.3
30	---	---	---	9.5	8.8	9.1	10.8	7.5	8.5	8.9	5.6	7.2
31	---	---	---	9.9	8.9	9.3	---	---	---	8.8	4.9	7.4
Month	14.5	9.0	10.8	15.4	6.7	10.4	13.9	4.1	9.3	---	---	---

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

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, TOP
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	9.0	3.9	6.6	9.4	6.1	7.6	12.0	3.6	6.8	7.8	5.0	6.6
2	9.2	2.4	6.6	11.2	5.4	8.3	11.8	0.3	6.9	7.8	4.8	6.4
3	8.8	4.7	7.1	10.7	1.5	8.7	11.3	1.1	7.1	9.7	2.4	7.2
4	7.8	1.8	6.2	10.7	7.0	9.2	10.6	1.9	7.4	---	---	---
5	9.6	3.1	6.7	9.1	4.7	7.8	10.4	3.6	7.4	---	---	---
6	8.5	5.7	7.4	8.6	3.6	7.1	10.2	0.0	7.2	---	---	---
7	8.8	5.9	7.7	9.3	4.3	7.7	11.1	4.5	7.9	---	---	---
8	9.2	6.0	7.7	10.3	3.3	7.9	8.1	2.8	6.2	---	---	---
9	8.8	4.3	6.7	10.1	5.6	8.1	6.8	1.5	4.9	---	---	---
10	8.2	3.6	6.2	10.7	7.2	8.6	6.0	0.1	4.0	---	---	---
11	7.6	3.0	6.4	9.6	6.6	8.1	6.9	1.9	5.1	---	---	---
12	7.9	4.2	6.4	9.0	7.1	8.0	7.3	3.1	5.2	10.0	6.7	8.3
13	7.2	5.8	6.5	11.1	7.3	8.7	5.7	3.2	4.5	11.3	6.5	9.0
14	7.6	5.1	6.4	10.7	3.7	8.1	8.9	3.1	5.7	10.8	7.6	9.4
15	6.9	4.2	5.8	9.1	7.5	8.3	9.3	4.0	6.6	10.1	3.7	7.5
16	6.6	4.2	5.4	8.3	6.8	7.6	8.2	4.2	6.4	8.0	6.2	7.4
17	7.4	3.2	5.8	7.9	6.4	7.2	7.5	5.2	6.7	10.0	6.6	7.6
18	7.6	2.7	5.6	8.9	5.7	7.3	7.0	4.9	6.2	10.3	7.2	8.6
19	8.3	4.0	6.7	8.0	3.1	5.7	8.9	3.5	6.6	10.0	7.5	8.6
20	9.4	3.7	7.2	6.8	3.7	5.8	7.5	2.4	6.6	9.1	6.8	8.1
21	8.4	3.8	6.8	9.4	1.8	6.7	6.4	5.1	5.8	9.4	5.7	7.6
22	10.3	3.0	7.7	10.1	1.2	7.2	7.1	5.7	6.4	8.9	6.3	8.1
23	9.5	4.8	7.7	9.0	3.3	7.3	7.3	4.0	6.3	9.4	7.7	8.5
24	14.7	5.7	8.6	10.8	1.3	7.0	7.2	1.5	5.5	8.9	7.7	8.4
25	9.5	5.7	8.2	9.6	0.0	6.4	8.3	4.1	6.6	9.1	7.6	8.4
26	11.8	6.3	8.2	---	---	---	8.7	3.0	7.0	8.5	6.4	7.5
27	8.6	6.6	7.6	---	---	---	8.0	3.8	6.4	9.7	6.2	7.8
28	10.1	5.8	7.6	---	---	---	7.6	3.8	6.0	12.5	7.1	9.3
29	8.2	4.5	6.5	---	---	---	8.2	5.3	7.0	10.6	2.2	6.8
30	10.2	5.5	7.1	10.9	4.4	7.2	9.6	5.5	7.6	11.3	4.4	7.7
31	---	---	---	11.7	4.1	7.1	8.4	4.2	7.1	---	---	---
Month	14.7	1.8	6.9	---	---	---	12.0	0.0	6.4	---	---	---

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

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	8.3	6.8	7.5	---	---	---	10.1	8.3	9.7	9.8	7.9	9.2
2	8.2	6.6	7.5	---	---	---	9.9	9.1	9.6	10.1	9.3	9.7
3	8.6	5.1	7.0	---	---	---	9.7	9.1	9.3	10.6	9.6	10.1
4	8.0	4.1	6.9	---	---	---	9.6	9.0	9.3	11.4	9.2	9.9
5	7.8	5.8	7.2	---	---	---	9.7	8.8	9.5	11.3	8.9	9.9
6	7.9	4.8	6.6	---	---	---	10.0	9.5	9.7	11.3	9.1	10.3
7	7.2	3.3	5.7	---	---	---	10.2	9.4	9.8	11.6	8.9	10
8	7.8	3.8	6.2	---	---	---	10.6	9.2	9.7	11.6	8.4	9.9
9	8.0	3.3	6.3	---	---	---	10.3	8.7	9.8	11.4	5.8	9.5
10	8.4	3.0	6.3	---	---	---	10.6	7.7	9.5	10.4	7.0	9.2
11	8.2	0.0	6.5	---	---	---	10.5	6.7	9.3	10.0	7.9	8.6
12	8.2	6.2	7.2	---	---	---	10.2	8.9	9.7	9.8	7.6	8.5
13	8.2	5.0	7.3	---	---	---	10.3	8.4	9.6	9.5	8.1	8.9
14	9.0	3.9	6.9	---	---	---	10.2	8.8	9.6	10.4	8.1	9.1
15	8.2	4.2	6.7	9.0	6.6	8.2	9.9	9.2	9.5	10.2	7.2	9.2
16	8.6	5.4	7.3	9.4	8.6	9.0	9.3	8.7	9.0	9.9	8.7	9.2
17	8.5	4.3	7.1	9.8	8.7	9.2	9.5	8.9	9.2	10.0	9.0	9.6
18	7.6	2.7	6.3	10.1	7.8	9.3	10.1	8.9	9.4	10.0	8.5	9.5
19	7.5	4.3	6.5	10.1	7.0	8.6	10.4	8.0	9.3	10.1	8.3	9.4
20	8.4	3.8	6.6	10.3	6.4	8.6	10.4	7.4	9.1	10.4	9.0	9.9
21	8.2	4.4	6.7	10.0	6.5	8.0	10.7	9.4	10.0	11.0	9.3	10.3
22	8.0	3.4	6.7	9.1	6.5	7.7	10.4	9.8	10.0	11.0	9.2	10.3
23	7.7	3.4	5.9	9.4	8.2	9.0	10.5	8.9	9.7	11.7	8.9	10.4
24	7.8	3.2	6.0	9.8	7.8	9.2	10.6	9.3	10	11.4	9.3	10.7
25	7.9	3.1	6.4	9.6	8.7	9.3	10.5	8.8	9.9	11.1	10.0	10.7
26	7.1	2.8	6.2	9.2	7.3	8.7	10.0	9.5	9.7	11.1	8.2	10.3
27	7.4	2.9	6.0	9.7	8.3	9.2	10.0	8.9	9.4	12.2	9.3	11.2
28	8.0	5.6	6.8	9.8	9.0	9.5	9.7	8.5	9.1	12.0	9.7	10.8
29	8.7	6.1	7.9	9.9	7.4	9.4	10.3	8.6	9.6	11.8	8.9	10.6
30	9.2	4.2	7.8	9.8	8.8	9.5	9.7	6.1	8.8	11.1	9.6	10.5
31	---	---	---	---	---	---	9.8	7.5	9.3	11.0	10.2	10.7
Month	---	---	---	---	---	---	10.7	6.1	9.5	12.2	5.8	9.9

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

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	10.7	10.0	10.3	12.9	6.5	10.6	9.8	5.0	8.9	9.0	1.3	7.7
2	10.9	9.6	10.3	12.6	8.9	10.9	9.5	6.5	8.7	9.0	5.2	6.8
3	11.7	9.1	10.6	13.4	5.4	10.5	9.3	8.4	8.8	7.8	0.3	5.6
4	11.9	8.0	10.1	12.4	4.2	8.3	9.6	5.4	7.9	8.7	1.5	5.5
5	11.4	7.1	9.9	11.6	6.3	9.3	9.4	4.9	7.4	7.9	3.0	6.2
6	10.4	8.8	9.8	12.1	5.4	9.8	10.2	4.2	7.5	8.0	4.4	6.9
7	10.2	8.9	9.7	9.5	6.0	8.4	10.1	7.0	8.8	9.0	3.5	6.5
8	10.5	8.2	9.8	9.0	6.5	8.1	10.4	8.1	9.6	---	---	---
9	9.9	8.0	9.3	9.6	7.0	8.6	10.6	8.4	9.6	---	---	---
10	9.7	8.5	9.3	8.9	3.4	7.1	8.9	4.6	6.8	---	---	---
11	9.9	8.4	9.3	8.6	3.4	5.8	6.7	2.4	5.3	---	---	---
12	9.9	8.4	9.3	9.9	3.4	6.6	8.3	1.8	5.8	---	---	---
13	9.6	8.4	9.2	8.9	4.0	6.7	10.9	6.5	9.0	---	---	---
14	9.8	8.8	9.2	7.1	3.5	4.8	11.8	6.6	9.3	---	---	---
15	10.4	8.1	9.5	9.5	4.3	7.3	10.7	8.2	9.8	---	---	---
16	10.2	8.7	9.6	9.7	6.0	8.5	10.7	8.3	10	---	---	---
17	9.9	7.1	9.3	10.0	7.9	9.2	10.5	7.7	9.2	---	---	---
18	9.3	7.3	8.8	10.5	8.4	9.6	9.2	3.0	6.8	---	---	---
19	9.8	8.7	9.3	10.1	6.6	8.4	7.2	3.6	5.1	---	---	---
20	9.5	8.3	9.1	8.9	7.3	8.3	8.2	4.4	5.3	---	---	---
21	9.8	9.1	9.5	10.0	6.5	8.3	9.3	4.8	7.9	---	---	---
22	10.5	9.4	9.7	10.1	2.8	7.9	8.9	7.3	8.3	8.7	2.2	6.6
23	10.2	8.3	9.6	9.9	6.6	9.0	8.9	7.0	8.1	7.9	3.9	6.2
24	10.6	8.4	9.8	10.4	8.4	9.0	8.8	5.2	7.6	8.6	1.9	6.6
25	10.8	6.6	9.4	10.7	5.8	9.5	8.3	3.2	6.2	9.5	4.0	7.0
26	10.0	6.4	8.5	11.0	6.4	9.7	8.3	0.3	5.0	8.2	0.8	5.1
27	11.4	7.9	10.1	10.0	4.8	8.9	5.9	1.5	2.9	6.0	0.1	3.2
28	12.7	9.8	11.1	9.8	7.5	9.0	5.7	0.5	2.4	7.1	0.3	4.6
29	12.0	7.0	10.2	9.5	7.8	9.0	8.5	3.9	7.3	7.8	5.2	6.5
30	---	---	---	9.2	8.3	8.7	9.2	6.8	8.0	7.3	4.0	5.9
31	---	---	---	9.8	7.7	8.9	---	---	---	7.3	0.1	4.9
Month	12.7	6.4	9.6	13.4	2.8	8.5	11.8	0.3	7.4	---	---	---

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

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
June			July			August			September			
1	7.3	2.4	5.4	8.6	4.6	6.8	7.5	0.3	4.5	8.3	5.0	6.7
2	8.7	1.4	5.6	9.0	0.9	6.4	8.3	0.0	3.3	8.1	4.2	6.5
3	8.0	1.5	5.2	8.1	3.2	5.8	8.3	0.1	4.6	9.5	3.8	6.8
4	7.3	0.1	3.8	9.4	1.9	6.2	5.6	0.0	2.0	---	---	---
5	8.4	1.8	5.4	7.8	2.3	5.8	6.3	0.0	2.2	---	---	---
6	6.6	1.3	4.1	7.2	2.3	5.6	6.8	0.0	3.0	---	---	---
7	5.6	0.6	3.1	7.9	3.0	6.4	6.8	0.0	3.4	---	---	---
8	5.9	0.1	3.1	8.4	1.4	6.4	7.2	1.9	4.6	---	---	---
9	5.1	0.2	1.7	7.2	3.4	5.9	6.0	1.2	4.0	---	---	---
10	4.3	0.1	1.4	9.5	3.2	6.9	6.1	2.1	4.1	---	---	---
11	4.9	0.0	1.3	---	---	---	6.9	0.5	4.7	---	---	---
12	6.8	2.1	4.8	---	---	---	6.6	2.6	4.2	8.1	3.7	6.7
13	7.0	4.3	5.9	---	---	---	5.7	1.6	4.2	7.4	1.5	4.4
14	6.2	0.9	4.9	---	---	---	7.1	4.7	5.5	6.4	0.5	2.5
15	6.2	3.9	5.4	8.6	1.0	4.6	8.7	2.7	5.3	7.6	0.6	3.6
16	5.7	2.3	4.9	7.9	1.9	6.0	6.7	3.6	5.2	7.5	0.9	5.7
17	7.4	1.7	4.9	7.4	4.1	6.4	7.2	3.5	5.4	7.0	3.3	5.7
18	6.6	0.3	4.2	6.9	0.3	5.2	6.7	4.0	5.5	9.1	2.8	5.4
19	7.8	0.6	4.4	6.2	0.0	2.4	7.7	1.0	5.2	8.2	2.9	6.6
20	8.0	0.5	4.5	6.6	4.3	5.7	7.4	4.2	6.3	8.0	3.5	5.5
21	7.4	0.0	2.8	7.2	3.4	5.6	6.2	5.0	5.7	6.0	3.4	4.4
22	8.1	0.2	4.0	8.9	0.1	4.2	7.0	3.3	5.7	8.1	2.8	6.0
23	7.0	0.0	3.6	7.2	0.4	4.3	7.0	3.9	5.7	8.2	5.8	7.2
24	8.2	1.2	5.3	8.8	1.1	5.1	6.3	2.3	5.2	8.0	5.8	7.2
25	7.7	2.0	4.8	7.4	0.1	5.0	6.7	1.6	5.1	8.2	5.9	7.4
26	8.9	1.7	5.3	7.0	1.0	5.0	7.7	0.1	4.4	7.3	4.8	6.3
27	7.5	3.0	6.3	8.0	0.0	3.6	7.7	1.4	5.0	6.3	4.0	5.3
28	7.5	3.8	6.1	7.8	0.1	4.4	6.8	1.9	4.9	6.8	1.9	3.9
29	7.0	3.5	5.9	6.2	0.2	3.0	7.9	1.5	5.3	6.6	1.7	3.2
30	9.4	5.0	6.1	5.3	0.0	2.6	7.4	0.6	3.9	5.2	2.0	2.9
31	---	---	---	8.3	1.2	5.1	8.7	0.5	5.2	---	---	---
Month	9.4	0.0	4.5	---	---	---	8.7	0.0	4.6	---	---	---

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

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, TOP
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	117	96	106	122	109	115	105	100	103	102	93	99
2	117	99	108	113	100	105	104	95	100	100	94	96
3	123	89	108	112	97	101	102	96	99	96	91	94
4	115	74	106	122	91	102	99	93	96	117	90	101
5	114	90	105	115	90	107	100	93	97	118	102	109
6	115	52	95	115	103	109	100	96	98	128	89	110
7	123	56	97	106	99	102	102	95	98	139	94	110
8	137	88	114	105	96	100	103	88	99	120	97	111
9	134	72	116	104	91	97	109	90	102	114	100	108
10	133	71	113	100	92	96	112	86	105	117	91	107
11	113	20	94	99	88	93	110	100	106	113	96	105
12	109	86	95	103	85	96	109	100	106	107	87	101
13	111	89	100	100	93	97	112	100	106	112	90	99
14	116	77	103	114	81	102	111	95	106	112	92	103
15	117	95	105	107	92	98	107	99	102	104	85	99
16	112	83	102	101	91	96	100	95	98	102	92	98
17	114	78	101	108	90	99	101	92	96	98	92	96
18	109	82	96	108	100	104	104	94	98	100	93	97
19	106	71	89	112	99	107	107	99	103	100	95	98
20	111	67	90	113	103	108	112	96	106	102	94	98
21	111	24	89	116	105	111	106	98	101	103	96	99
22	119	57	96	107	97	104	108	99	103	109	99	103
23	104	29	88	104	98	101	110	102	106	113	101	108
24	105	28	89	104	96	100	110	102	106	114	100	108
25	110	64	94	102	95	99	107	101	105	110	101	105
26	98	65	87	104	93	98	102	96	99	111	99	107
27	101	42	85	109	96	102	106	96	100	116	105	111
28	109	80	96	105	97	101	110	87	99	122	110	117
29	118	96	106	106	97	102	107	96	103	119	109	114
30	118	98	108	106	99	102	105	85	101	112	102	107
31	116	103	111	---	---	---	103	91	100	112	106	108
Month	137	20	100	122	81	102	112	85	102	139	85	104

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

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, TOP
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	112	103	106	135	115	127	109	89	101	132	100	114
2	116	103	108	152	117	129	106	93	100	113	89	104
3	125	110	116	146	120	133	103	92	97	109	94	99
4	129	114	121	142	87	117	115	83	102	112	84	97
5	125	113	122	139	86	114	109	84	99	99	79	90
6	118	108	114	139	92	128	120	89	105	112	78	92
7	116	105	111	123	91	108	112	99	105	117	37	94
8	117	106	112	102	77	92	116	99	107	---	---	---
9	113	104	109	109	91	98	121	102	108	---	---	---
10	108	101	104	124	68	107	122	91	107	---	---	---
11	110	98	104	144	85	115	138	91	114	---	---	---
12	110	99	103	158	82	121	114	77	96	---	---	---
13	110	99	104	141	93	114	131	96	110	---	---	---
14	113	99	105	126	76	102	134	105	115	---	---	---
15	115	103	110	122	88	107	117	100	110	---	---	---
16	111	104	108	109	95	103	117	102	109	---	---	---
17	109	97	104	115	97	107	143	105	117	---	---	---
18	109	94	102	121	104	111	153	105	124	---	---	---
19	111	99	104	116	82	101	132	64	110	---	---	---
20	107	100	103	99	88	96	107	51	87	---	---	---
21	106	101	104	116	91	101	102	85	93	---	---	---
22	110	101	104	118	91	108	105	88	95	112	72	101
23	113	101	108	110	88	103	105	89	98	111	71	95
24	118	105	111	116	95	100	123	96	108	112	92	101
25	144	107	122	117	97	105	121	82	103	137	74	101
26	134	99	115	117	103	110	125	97	112	116	85	104
27	119	99	108	117	94	104	109	64	87	114	73	98
28	130	98	113	114	96	103	103	49	76	96	76	87
29	129	109	118	114	95	100	103	75	90	107	78	89
30	---	---	---	98	91	94	127	87	98	114	70	90
31	---	---	---	106	93	97	---	---	---	114	62	94
Month	144	94	109	158	68	108	153	49	103	---	---	---

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

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, TOP
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
June			July			August			September			
1	118	51	85	135	87	109	177	51	99	113	73	95
2	121	30	86	159	76	116	173	4	101	113	69	92
3	117	60	94	151	21	122	168	16	104	140	34	103
4	102	23	81	152	100	130	157	28	110	---	---	---
5	130	41	90	131	68	111	154	53	109	---	---	---
6	118	78	101	123	51	101	151	0	106	---	---	---
7	124	82	106	134	62	109	168	67	118	---	---	---
8	131	83	107	149	47	113	121	42	92	---	---	---
9	125	60	94	144	79	115	100	22	72	---	---	---
10	117	50	87	152	101	122	88	1	59	---	---	---
11	108	42	89	138	93	115	104	28	75	---	---	---
12	112	59	91	127	101	112	107	45	76	143	94	118
13	103	81	92	160	103	123	83	44	65	161	93	127
14	110	74	90	155	53	115	129	43	80	153	108	133
15	96	58	81	130	108	119	135	56	94	146	53	108
16	93	59	75	119	98	109	118	59	92	114	88	104
17	106	44	81	113	92	103	107	74	96	132	91	103
18	107	38	78	129	82	105	100	70	88	136	97	113
19	117	54	93	116	45	82	131	50	94	131	98	113
20	131	50	99	99	52	84	108	34	95	115	86	103
21	115	52	94	137	26	96	93	73	84	121	74	97
22	143	40	106	147	17	104	102	82	92	115	82	104
23	131	66	106	128	49	106	105	57	90	120	98	108
24	209	78	118	158	19	101	104	21	78	111	95	103
25	131	78	114	139	0	92	120	59	94	110	94	102
26	168	88	114	---	---	---	126	43	101	107	80	94
27	123	92	106	---	---	---	116	55	92	123	79	99
28	146	82	108	---	---	---	110	54	86	162	91	119
29	118	64	92	---	---	---	120	76	101	136	28	88
30	146	78	101	160	64	104	141	80	110	145	57	99
31	---	---	---	171	60	103	123	61	104	---	---	---
Month	209	23	95	---	---	---	177	0	92	---	---	---

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

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	110	89	99	---	---	---	105	88	102	103	83	96
2	108	86	98	---	---	---	103	95	100	101	95	97
3	114	67	92	---	---	---	104	96	99	98	91	95
4	107	54	92	---	---	---	99	93	96	105	87	94
5	105	77	96	---	---	---	100	91	98	106	85	93
6	107	64	88	---	---	---	100	96	98	107	88	99
7	97	44	76	---	---	---	101	94	97	111	88	97
8	105	52	84	---	---	---	106	91	97	113	82	97
9	109	45	86	---	---	---	103	88	98	112	57	94
10	115	41	86	---	---	---	108	78	97	104	70	92
11	110	0	87	---	---	---	110	68	96	104	80	87
12	108	81	94	---	---	---	108	92	101	102	76	86
13	107	66	95	---	---	---	109	88	102	97	83	92
14	115	52	89	---	---	---	110	93	102	105	83	93
15	105	56	87	98	73	89	106	98	101	101	74	93
16	111	70	94	101	91	96	100	95	97	96	87	91
17	111	56	92	103	91	97	99	91	95	95	88	92
18	101	35	82	106	84	98	102	91	96	97	83	92
19	100	57	85	109	77	92	104	81	94	96	81	91
20	111	50	87	111	70	93	105	75	92	99	87	95
21	108	58	88	108	70	88	106	95	100	99	87	95
22	104	45	88	101	71	85	106	98	101	99	86	94
23	101	45	78	102	91	99	107	90	99	108	84	96
24	104	42	80	104	86	98	108	95	102	107	87	100
25	105	41	86	101	92	98	106	90	101	102	93	98
26	94	37	82	98	78	93	102	95	99	102	77	95
27	97	38	79	105	89	100	99	90	95	110	87	102
28	103	72	87	106	97	102	99	86	93	108	91	99
29	108	76	98	106	80	100	107	90	99	109	84	98
30	110	52	94	104	94	101	101	63	92	106	91	100
31	---	---	---	---	---	---	103	78	97	105	96	102
Month	---	---	---	---	---	---	110	63	98	113	57	95

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

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	105	95	100	127	67	104	105	53	94	106	15	91
2	107	93	100	125	90	109	102	70	93	107	62	81
3	116	89	104	136	56	107	98	89	94	94	4	67
4	118	78	100	129	43	86	104	58	85	107	18	67
5	116	70	99	125	67	99	103	53	80	97	37	76
6	108	89	100	133	58	106	113	46	82	100	54	85
7	109	91	102	103	64	91	109	77	96	111	43	79
8	111	86	103	96	70	88	109	86	101	---	---	---
9	106	85	98	100	74	90	111	88	100	---	---	---
10	102	90	97	95	36	75	94	49	73	---	---	---
11	103	87	96	94	37	62	73	26	57	---	---	---
12	103	87	95	105	37	71	94	20	65	---	---	---
13	104	88	97	97	44	73	124	73	101	---	---	---
14	103	93	97	77	38	52	133	74	104	---	---	---
15	108	85	99	104	47	79	117	90	107	---	---	---
16	105	90	99	105	65	92	112	88	105	---	---	---
17	102	74	96	106	86	98	110	81	97	---	---	---
18	98	76	93	112	90	102	98	33	73	---	---	---
19	104	91	98	108	71	91	80	39	56	---	---	---
20	99	88	95	97	81	91	92	49	59	---	---	---
21	100	94	97	108	71	90	105	54	89	---	---	---
22	103	94	97	110	31	85	101	82	93	110	27	82
23	102	85	96	107	72	98	102	79	92	100	49	78
24	106	85	98	111	88	95	101	59	87	108	24	83
25	106	67	94	113	61	98	98	37	72	120	50	88
26	102	65	86	113	67	100	98	3	59	103	10	64
27	114	81	101	105	51	93	70	18	34	76	1	41
28	123	94	107	105	79	96	68	6	29	89	4	58
29	115	71	99	102	83	96	101	46	86	97	65	80
30	---	---	---	95	87	91	108	80	93	92	50	74
31	---	---	---	105	80	93	---	---	---	92	1	63
Month	123	65	98	136	31	90	133	3	82	---	---	---

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

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
June			July			August			September			
1	94	31	69	124	65	97	109	4	65	121	73	98
2	114	18	73	127	13	90	123	0	48	117	61	93
3	104	19	68	114	46	82	122	1	68	136	55	98
4	98	1	50	134	27	88	83	0	29	---	---	---
5	113	24	72	111	33	82	93	0	32	---	---	---
6	89	17	56	102	33	79	101	0	45	---	---	---
7	77	8	42	113	42	92	102	0	52	---	---	---
8	81	1	43	120	20	92	108	29	68	---	---	---
9	71	3	24	102	49	84	89	18	59	---	---	---
10	59	1	19	136	45	98	90	31	60	---	---	---
11	68	0	18	---	---	---	103	7	69	---	---	---
12	96	29	68	---	---	---	96	38	61	116	53	96
13	99	60	83	---	---	---	81	23	60	105	22	62
14	87	13	69	---	---	---	101	66	78	91	7	35
15	87	54	75	123	14	65	126	38	76	109	9	52
16	80	32	69	113	27	85	95	51	74	106	13	81
17	106	24	68	106	58	91	103	50	77	98	46	79
18	92	4	59	98	4	75	96	57	79	121	38	74
19	109	8	61	89	0	35	111	14	75	107	40	88
20	112	7	63	94	61	82	106	60	90	102	47	73
21	103	0	39	103	49	79	90	72	82	78	45	58
22	112	3	55	130	1	60	100	47	82	103	37	78
23	97	0	49	104	6	62	100	56	81	104	75	91
24	113	17	74	128	16	74	90	33	74	99	74	90
25	107	28	67	106	1	71	97	23	73	99	75	90
26	126	24	74	100	14	72	111	1	64	90	60	78
27	107	42	89	116	0	52	111	20	72	79	51	67
28	106	54	86	113	1	64	98	27	71	87	25	50
29	101	50	83	90	3	43	115	22	76	86	22	41
30	134	71	87	77	0	38	107	9	56	67	26	38
31	---	---	---	122	18	75	128	7	76	---	---	---
Month	134	0	62	---	---	---	128	0	67	---	---	---