NEUSE RIVER BASIN

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9

LOCATION.--Lat. 34°56'54", long. 76°48'36", Craven County, Hydrologic Unit 03020204, at U.S. Coast Guard Channel Light 9.

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

PERIOD OF DAILY RECORD.--

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

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

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

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

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

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

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

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

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

REMARKS.--Station operated in cooperation with the North Carolina Department of Environment and Natural Resources. The monitor was removed August 29, 1999 to prevent possible destruction of the equipment during Hurricanes Dennis and Floyd. It was reinstalled on October 5, 1999. 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 dissolved oxygen percent saturation is computed using a barometric pressure of 760mm of Hg beginning October 1, 2000. Salinity, minimum extremes are reported as <0.1 ppt. Dissolved oxygen, minimum extremes are reported as <1.0 mg/L. Dissolved oxygen, percent saturation, minimum extremes are reported as <10%.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY(TOP), ppt	20.0, August 17, 2000	<0.1, on several days during the period
SALINITY(BOTTOM), ppt	22.8, August 13, 2001	<0.1, on several days during the period
pH(TOP), standard units	10.4, April 19, 1999	4.3, June 13, 1997
pH(BOTTOM), standard units	9.3, March 12, 13, 14, 16-20, 1999	6.1, October 1, 1998
WATER TEMPERATURE (TOP), °C	32.3, August 6, 1989	0.3, March 14, 1993
WATER TEMPERATURE (BOTTOM), °C	31.4, July 29, 1999	1.8, January 29, 2000
DISSOLVED OXYGEN (TOP), mg/L	20.7, April 10, 1991	< 1.0, on several days during the period
DISSOLVED OXYGEN (BOTTOM), mg/L	16.8, April 26, 1991	< 1.0, on many days during the period

EXTREMES FOR CURRENT YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY (TOP), ppt	18.4, August 11	2.6, April 4, 7, 8
SALINITY (BOTTOM), ppt	22.8, August 13	2.5, October 9
pH (TOP), standard units	9.1, October 13, 14, 16-19	7.0, April 29, May 12, July 2
pH (BOTTOM), standard units	9.0, April 5	6.6, May 5, June 10, 11
WATER TEMPERATURE (TOP), °C	31.3, June 28	1.0, January 5
WATER TEMPERATURE (BOTTOM), °C	29.0, August 18	2.3, January 4
DISSOLVED OXYGEN (TOP), mg/L	13.9, January 18, June 27	<1.0, August 10
DISSOLVED OXYGEN (BOTTOM), mg/L	15.0, December 7	< 1.0, on many days during the year
DISSOLVED OXYGEN, PERCENT SATURATION (TOP),%	183, June 27	12, August 10
DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM),%	125, October 7	< 10, on several days during the year

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9--Continued

SALINITY (PARTS PER THOUSAND), TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	5.7	4.7	5.1	8.1	7.1	7.7	9.9	9.0	9.4	8.6	7.5	8.2
2	4.8	3.7	4.2	7.9	6.9	7.7	10.2	9.5	9.8	8.0	7.3	7.5
3	4.9	3.7	4.3	8.2	6.9	7.8	9.9	8.2	9.4	8.7	6.9	7.5
4	4.8	4.3	4.5	8.2	7.4	7.9	8.2	6.6	7.2	8.3	7.0	7.5
5	5.2	4.1	4.5	8.4	7.4	8.0	7.3	6.1	6.4	10.8	7.1	8.2
6	5.5	3.7	4.4	8.3	6.7	7.5	7.2	6.0	6.6	9.6	8.2	8.8
7	5.6	3.2	4.0	8.1	6.3	7.0	6.8	6.0	6.3	8.6	7.7	8.0
8	5.4	3.2	4.1	8.1	7.0	7.4	6.9	5.3	6.1	9.2	7.6	8.0
9	4.9	2.8	3.3	10.2	7.0	7.9	7.5	6.2	6.9	8.2	7.5	7.7
10	7.4	3.6	5.3	11.5	9.3	10.0	7.3	6.4	6.8	10.7	7.3	9.1
11	6.8	5.3	6.3	10.4	8.8	9.5	6.5	5.7	6.2	10.2	7.9	9.0
12	6.8	6.1	6.5	9.5	8.8	8.9	8.0	6.2	7.5	10.6	8.4	9.0
13	7.0	5.4	6.0	9.5	8.7	8.8	8.0	7.4	7.7	10.0	8.9	9.3
14	6.2	4.5	5.3	9.7	8.6	9.0	8.0	7.5	7.8	10.0	8.8	9.4
15	6.7	4.4	5.2	9.8	8.8	9.4	8.2	7.7	8.0	10.1	8.3	9.0
16	6.4	4.8	5.5	10.0	8.8	9.3	8.1	7.4	7.6	10.2	9.3	9.7
17	6.2	5.1	5.5	10.0	9.2	9.6	---	---	---	10.6	9.5	10.0
18	5.6	5.0	5.2	10.6	9.5	10.1	---	---	---	10.7	9.3	10.3
19	5.6	4.9	5.3	10.4	9.5	10.1	8.4	7.9	8.2	11.5	9.9	10.7
20	5.9	5.0	5.3	10.3	9.4	9.7	8.6	7.8	8.1	12.2	10.2	11.4
21	6.4	4.9	5.6	---	---	---	8.7	7.2	8.0	12.0	10.9	11.4
22	7.1	5.8	6.4	10.7	9.3	9.9	8.8	7.4	7.8	11.6	11.3	11.4
23	8.4	7.0	7.5	10.6	9.1	10.0	8.8	6.9	7.5	11.8	10.3	11.4
24	7.9	7.0	7.4	10.5	10.2	10.3	7.6	6.0	7.1	10.3	7.3	8.8
25	8.3	7.4	7.7	10.4	9.8	10.2	7.2	6.4	6.7	10.4	7.2	8.5
26	---	---	---	10.0	8.3	8.9	7.2	6.1	6.5	9.1	8.2	8.7
27	8.2	7.2	7.9	9.4	8.3	8.9	7.2	5.7	6.1	10.2	9.0	9.8
28	---	---	---	9.7	8.3	9.0	7.1	5.8	6.4	10.6	10.0	10.4
29	8.8	7.2	7.9	9.3	8.6	9.0	6.8	5.7	6.3	---	---	---
30	8.3	7.4	8.0	9.6	9.0	9.3	7.0	5.1	5.8	12.5	10.3	11.3
31	8.4	7.7	8.1	---	---	---	8.5	5.8	7.6	11.7	10.9	11.3
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	11.5	11.0	11.2	10.2	6.2	8.3	6.3	3.3	4.1	8.3	6.9	7.7
2	11.4	9.8	10.7	8.1	6.1	7.2	6.9	5.0	6.2	8.2	7.3	7.6
3	10.4	9.6	9.9	---	---	---	6.2	3.1	4.5	7.6	5.9	7.0
4	11.3	10.2	10.7	---	---	---	5.0	2.6	3.6	10.7	5.6	6.4
5	10.8	10.0	10.4	---	---	---	5.8	4.3	5.0	7.5	5.0	5.7
6	10.4	9.2	9.7	---	---	---	5.2	3.4	4.5	9.6	5.7	7.6
7	10.0	8.8	9.2	---	---	---	5.7	2.6	4.3	11.0	7.2	9.1
8	10.5	8.3	9.3	---	---	---	5.4	2.6	3.4	11.1	7.9	9.3
9	---	---	---	---	---	---	6.9	2.9	3.9	10.9	8.3	8.9
10	---	---	---	---	---	---	8.7	4.0	5.7	8.8	7.3	7.9
11	---	---	---	---	---	---	9.3	5.2	7.7	10.9	6.8	8.0
12	11.7	10.7	11.2	---	---	---	8.6	4.4	6.7	11.1	8.3	9.7
13	11.0	8.3	10.1	11.3	9.1	9.9	8.6	4.6	6.7	10.2	9.4	9.9
14	---	---	---	---	---	---	7.7	5.6	6.2	10.9	9.2	9.5
15	---	---	---	10.0	7.7	8.4	6.8	3.7	5.0	11.1	8.6	9.4
16	---	---	---	9.8	8.3	9.0	7.3	3.9	5.4	10.8	9.1	9.7
17	---	---	---	9.4	8.3	8.8	8.4	4.8	6.2	10.9	10.3	10.5
18	11.5	10.6	11.1	8.5	7.0	7.7	9.6	6.1	7.9	10.7	9.6	10.2
19	---	---	---	9.5	7.1	8.5	8.5	6.9	7.5	10.2	9.2	9.6
20	---	---	---	11.9	8.9	10.7	8.7	7.2	7.7	10.4	9.0	9.7
21	---	---	---	11.8	7.5	9.0	8.7	7.2	8.0	12.0	9.0	9.8
22	---	---	---	8.3	7.5	7.9	8.3	6.5	7.8	12.2	10.0	10.9
23	10.0	7.2	8.6	8.7	6.8	7.8	8.4	6.2	7.5	11.8	10.9	11.3
24	9.8	7.3	8.9	9.4	5.7	7.2	9.8	6.1	7.9	11.7	10.0	10.8
25	11.0	8.9	10.1	8.7	7.0	8.2	9.7	6.9	8.6	11.7	10.0	10.7
26	---	---	---	8.4	7.3	7.8	9.5	6.0	8.2	12.3	10.5	11.4
27	10.6	9.9	10.4	8.2	6.2	7.0	7.5	4.8	5.9	12.3	10.1	10.7
28	10.7	9.5	9.9	8.1	5.8	7.2	10.0	6.7	8.1	11.7	10.3	11.0
29	---	---	---	8.1	5.8	6.8	9.8	9.0	9.5	11.7	9.9	10.6
30	---	---	---	7.4	5.3	6.1	9.5	8.0	8.6	12.0	8.8	9.7
31	---	---	---	6.2	2.7	3.6	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	10.0	2.6	6.4	---	---	---

NEUSE RIVER BASIN

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9--Continued

SALINITY (PARTS PER THOUSAND), TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	9.8	5.6	7.3	13.3	12.3	12.7	12.7	10.9	11.6
2	---	---	---	12.4	9.5	11.0	13.2	11.6	12.5	13.9	11.5	12.6
3	11.1	9.7	10.6	12.6	10.9	11.7	11.8	11.0	11.5	14.7	12.9	13.7
4	11.1	8.9	10.9	12.6	11.8	12.1	11.5	8.9	10.1	13.7	12.8	13.2
5	11.5	9.5	10.7	12.6	11.3	11.8	11.6	9.6	10.1	13.7	10.9	12.1
6	11.0	9.3	9.9	12.2	10.1	11.2	10.9	9.8	10.2	14.6	12.2	13.5
7	10.1	8.8	9.4	12.7	11.4	12.0	10.4	8.1	9.0	14.6	13.5	13.9
8	10.3	7.3	8.6	12.2	11.5	11.7	10.7	7.9	9.1	14.4	13.9	14.2
9	8.7	7.2	7.6	---	---	---	13.0	9.0	10.7	14.7	13.3	14.2
10	9.2	7.4	8.0	---	---	---	17.5	10.9	13.8	13.8	12.7	13.2
11	10.4	8.0	8.7	---	---	---	18.4	13.3	15.9	13.6	12.7	13.0
12	9.8	7.9	8.6	---	---	---	15.5	11.8	14.2	13.8	12.8	13.2
13	15.4	9.2	12.0	13.1	11.6	12.3	17.5	11.8	13.6	14.0	13.5	13.8
14	16.6	14.1	15.1	11.9	11.1	11.6	15.5	12.6	14.3	15.0	13.7	13.7
15	15.1	12.6	13.5	11.3	9.0	10.0	---	---	---	15.1	13.7	14.4
16	---	---	---	10.7	8.4	9.0	---	---	---	14.7	10.4	13.3
17	---	---	---	14.5	8.3	10.7	14.5	10.0	11.7	13.0	9.6	10.8
18	12.8	8.3	9.3	14.0	8.6	10.7	16.8	11.3	13.0	13.6	10.3	11.3
19	11.1	10.1	10.5	12.2	9.6	10.7	15.0	11.3	13.4	14.1	10.6	12.2
20	10.6	8.9	9.6	11.3	10.0	10.8	13.6	12.1	12.7	14.2	12.2	13.2
21	9.2	6.8	8.1	12.0	9.9	10.9	---	---	---	13.7	10.6	12.3
22	9.0	3.9	6.6	11.8	11.3	11.6	13.1	11.2	12.2	13.9	10.7	11.7
23	11.8	7.2	9.7	11.7	10.7	11.2	12.6	9.2	11.1	14.3	11.0	11.9
24	11.1	7.1	9.4	12.4	10.7	11.5	10.4	8.5	9.2	15.9	12.5	14.3
25	11.1	9.5	10.3	12.4	11.1	12.0	10.3	8.1	9.0	15.7	13.4	14.2
26	11.1	8.8	9.8	12.4	11.1	11.6	8.1	4.7	5.8	13.4	12.6	13.0
27	---	---	---	12.2	11.1	11.7	8.5	4.7	6.1	13.3	12.2	12.6
28	7.2	4.2	5.8	12.8	11.7	12.2	11.8	7.9	9.5	13.3	12.1	12.4
29	6.9	3.3	4.2	12.8	12.2	12.4	13.8	10.8	11.3	12.8	12.0	12.4
30	5.9	3.8	4.5	12.8	12.0	12.4	---	---	---	12.2	10.7	11.4
31	---	---	---	12.8	11.9	12.3	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	15.9	9.6	12.9

SALINITY (PARTS PER THOUSAND), BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER				NOVEMBER				DECEMBER				JANUARY	
1	5.7	4.6	5.1	8.6	7.9	8.2	10.8	9.3	9.8	9.5	8.0	8.5
2	6.2	3.7	4.3	8.9	7.7	8.0	10.2	9.5	9.8	9.5	7.3	7.8
3	6.8	4.5	5.5	9.0	7.7	8.3	9.8	8.2	9.3	9.7	7.7	8.5
4	10.8	4.6	6.8	9.6	8.1	8.8	9.4	7.1	7.7	10.9	7.8	9.1
5	11.4	8.3	10.0	10.4	7.8	8.5	10.4	6.9	8.3	12.8	9.2	10.9
6	12.3	8.3	10.7	10.0	7.7	8.4	11.1	7.2	8.9	11.3	8.6	9.4
7	12.6	3.6	6.9	11.1	8.2	9.9	10.6	6.3	7.7	13.0	8.9	10.3
8	5.0	3.2	4.0	11.7	9.6	10.8	12.1	7.8	9.8	13.7	10.0	12.5
9	5.5	2.5	3.6	12.6	10.2	11.5	12.0	6.9	8.7	13.9	7.7	9.6
10	7.4	4.3	5.2	13.1	9.7	10.6	9.3	6.4	7.3	12.5	8.0	10.3
11	7.4	5.5	6.2	10.7	9.0	9.8	9.1	6.4	7.7	14.4	10.4	12.0
12	9.9	5.9	7.2	10.7	8.8	9.5	10.3	7.5	8.2	15.5	10.0	13.3
13	9.3	6.0	7.4	11.4	8.9	10.2	7.9	7.3	7.7	11.9	8.8	9.9
14	12.4	6.7	9.7	13.0	9.2	10.4	8.3	7.5	7.8	12.4	10.2	11.4
15	12.6	9.4	11.5	11.4	9.2	9.9	8.1	7.7	7.9	12.0	10.7	11.4
16	13.0	10.5	12.4	11.8	9.8	10.8	9.7	7.4	7.9	14.6	9.9	11.4
17	12.9	6.8	11.3	11.3	9.3	9.9	---	---	---	12.8	10.6	11.3
18	11.0	4.5	6.1	11.6	9.8	10.7	9.2	8.2	8.4	11.7	10.2	10.8
19	7.9	4.7	5.5	10.6	9.6	10.0	8.7	7.8	8.3	14.1	10.3	11.3
20	12.3	5.3	8.3	11.1	9.3	9.8	9.1	7.8	8.2	13.1	11.0	11.6
21	12.6	8.2	10.1	---	---	---	9.5	7.9	8.8	12.0	11.1	11.4
22	12.4	6.0	10.3	---	---	---	9.6	7.6	8.2	11.8	11.3	11.3
23	10.2	7.0	8.0	10.8	9.7	10.3	9.8	7.0	8.2	11.7	10.2	11.2
24	8.8	7.6	8.1	10.4	10.0	10.2	7.8	6.6	7.2	12.2	9.7	10.8
25	9.0	7.4	8.0	10.4	9.8	10.2	8.0	6.3	6.9	12.2	8.3	9.9
26	---	---	---	10.1	8.9	9.5	7.2	6.1	6.5	11.7	8.5	10.2
27	8.5	7.6	8.1	10.2	8.6	9.3	8.3	6.1	7.2	11.3	9.4	10.1
28	---	---	---	10.2	8.6	9.3	8.1	6.2	6.9	11.2	10.2	10.6
29	9.2	7.8	8.6	10.7	9.0	9.8	8.1	6.1	6.8	---	---	---
30	9.2	7.8	8.4	10.4	9.0	9.5	8.0	5.5	6.5	12.5	10.7	11.5
31	8.8	8.0	8.4	---	---	---	8.7	6.5	7.8	11.7	10.9	11.2
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9--Continued

SALINITY (PARTS PER THOUSAND), BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	11.7	11.0	11.3	10.7	8.0	9.7	11.5	4.0	8.5	9.4	7.1	8.4
2	11.7	10.1	10.8	11.2	8.3	9.7	9.7	5.7	6.8	10.7	7.8	9.0
3	11.7	9.5	10.3	---	---	---	11.7	4.2	8.7	11.4	9.0	10.4
4	11.5	10.2	10.7	---	---	---	10.8	4.0	7.0	12.7	9.1	11.1
5	11.5	9.9	10.6	---	---	---	6.6	4.6	5.3	13.7	10.0	12.7
6	11.7	9.7	10.5	---	---	---	8.0	4.6	5.2	13.7	6.5	10.1
7	12.0	9.1	10.4	---	---	---	7.8	4.1	5.6	11.2	8.5	10.4
8	12.4	9.7	11.2	---	---	---	11.7	4.4	8.5	11.1	8.1	9.9
9	---	---	---	---	---	---	13.9	7.7	11.4	11.4	8.5	9.6
10	---	---	---	---	---	---	14.1	5.2	11.2	11.3	8.4	10.1
11	---	---	---	---	---	---	10.4	7.2	8.4	11.7	9.0	10.8
12	11.5	10.8	11.2	---	---	---	13.0	8.0	10.2	11.7	9.2	10.3
13	11.1	9.8	10.7	11.3	9.3	10.1	13.6	5.1	8.5	11.0	9.6	10.1
14	---	---	---	---	---	---	10.5	5.6	7.5	11.1	9.2	9.7
15	---	---	---	11.8	8.2	10.0	13.5	5.8	9.6	11.8	9.2	10.3
16	---	---	---	11.3	8.4	9.8	8.5	4.6	6.2	12.2	9.5	10.7
17	---	---	---	10.9	8.5	9.5	8.8	6.0	6.9	11.0	10.3	10.6
18	11.3	10.5	11.0	9.1	7.0	8.0	9.7	6.3	8.2	10.8	9.7	10.5
19	---	---	---	9.5	7.2	8.6	10.1	7.3	8.3	11.2	9.5	10.1
20	---	---	---	11.9	9.0	10.8	10.8	7.7	8.7	12.9	9.3	10.7
21	---	---	---	11.8	8.0	9.5	11.1	7.7	8.7	13.6	10.2	11.9
22	---	---	---	8.9	7.5	8.1	10.7	8.1	8.8	12.4	10.2	11.2
23	11.9	8.6	9.9	9.9	7.4	8.2	11.7	7.8	9.4	12.4	10.9	11.5
24	11.0	8.2	9.9	11.2	7.1	8.6	14.3	8.5	11.3	12.4	10.4	11.3
25	11.6	9.8	10.5	9.5	7.2	8.4	10.6	8.5	9.1	12.8	10.5	11.7
26	---	---	---	9.0	7.5	8.0	9.8	7.9	8.9	13.5	10.8	12.5
27	10.8	10.1	10.4	8.9	6.6	7.7	11.8	7.2	8.9	16.5	10.6	12.5
28	10.6	9.5	10.1	8.2	7.1	7.5	10.0	7.3	8.4	12.4	8.3	10.9
29	---	---	---	8.4	6.1	7.2	9.8	9.0	9.5	13.9	10.0	11.7
30	---	---	---	8.3	5.6	6.7	9.7	8.3	8.9	13.7	9.3	11.4
31	---	---	---	9.8	5.8	8.1	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	14.3	4.0	8.4	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	16.3	9.8	14.0	---	---	---	18.9	11.6	16.2
2	---	---	---	16.2	10.0	12.1	---	---	---	19.0	12.4	16.3
3	11.5	10.2	10.9	12.9	11.0	12.1	---	---	---	16.0	13.5	14.3
4	12.4	10.7	11.2	13.8	12.0	12.5	---	---	---	15.5	13.4	14.3
5	13.3	10.2	11.5	12.6	11.6	12.0	---	---	---	15.1	12.7	13.9
6	14.5	9.6	11.6	13.0	10.7	11.7	15.4	9.1	13.3	15.1	12.8	14.2
7	13.3	9.1	10.5	13.0	11.5	12.2	16.8	14.0	15.8	14.7	13.7	14.0
8	14.6	8.6	10.7	12.6	11.6	12.0	17.7	15.9	17.0	14.4	13.9	14.2
9	14.9	10.0	12.2	---	---	---	19.2	16.7	18.0	14.7	13.8	14.4
10	15.1	10.5	13.7	---	---	---	20.2	17.4	19.0	14.6	13.3	13.9
11	15.9	13.2	14.4	---	---	---	21.7	17.8	20.2	14.8	12.8	13.8
12	17.2	12.7	15.5	---	---	---	21.9	17.1	20.3	14.5	12.8	13.4
13	17.3	14.5	16.2	14.2	11.6	12.4	22.8	18.4	21.6	14.0	13.5	13.8
14	17.2	14.5	15.5	12.0	11.2	11.6	22.6	14.2	18.8	15.0	12.9	13.7
15	15.1	12.6	13.5	13.4	10.1	11.5	---	---	---	15.3	13.9	14.6
16	---	---	---	14.7	10.4	12.9	---	---	---	15.3	12.6	14.0
17	---	---	---	15.3	13.0	14.2	21.4	15.5	18.9	16.5	12.0	14.7
18	14.9	11.5	13.7	15.2	10.5	13.4	20.8	13.3	17.7	16.4	14.7	15.7
19	14.6	10.7	11.9	14.9	10.6	12.4	20.7	14.2	16.9	16.5	14.0	15.7
20	13.5	10.2	11.5	11.4	10.1	10.9	20.8	12.7	18.8	15.8	14.1	14.9
21	14.7	9.7	12.4	12.1	10.0	11.1	---	---	---	16.2	13.5	14.8
22	14.4	10.0	13.1	12.1	11.5	11.8	19.3	14.4	16.8	17.2	14.0	15.7
23	14.7	11.5	13.2	13.1	11.0	11.8	17.7	13.3	15.1	17.4	15.2	16.4
24	14.5	10.5	12.4	13.5	11.1	12.3	19.6	14.7	16.5	17.9	15.2	16.5
25	11.4	10.0	10.7	13.7	11.5	12.5	18.6	8.5	12.5	17.5	13.7	15.0
26	11.3	9.3	10.4	13.5	11.3	12.1	14.6	5.9	11.7	15.5	13.1	13.8
27	---	---	---	13.1	11.3	11.8	18.5	13.3	15.5	15.4	12.8	14.1
28	13.0	7.0	10.5	13.3	11.7	12.4	19.2	12.7	16.5	16.9	12.4	13.6
29	14.9	7.9	12.3	---	---	---	18.1	14.1	16.2	13.3	12.3	12.6
30	16.0	10.0	14.4	---	---	---	---	---	---	13.1	10.9	11.7
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	19.0	10.9	14.5

NEUSE RIVER BASIN

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

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

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

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

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

PH, WATER, WHOLE, FIELD, STANDARD UNITS, BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

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

NEUSE RIVER BASIN

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

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

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

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9--Continued

TEMPERATURE, WATER (DEG. C), TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	21.3	20.8	21.0	16.8	15.5	16.3	10.2	9.2	9.7	3.7	2.3	3.1
2	21.6	20.5	21.0	16.6	14.9	16.1	9.7	9.0	9.4	3.4	2.2	3.0
3	22.4	20.9	21.6	16.6	14.9	16.0	9.0	7.1	8.3	3.8	2.1	2.7
4	23.7	21.3	22.3	17.1	15.3	16.3	7.3	6.3	6.8	2.9	1.9	2.4
5	24.3	22.0	22.9	17.0	16.2	16.5	7.1	5.6	6.3	3.8	1.0	2.5
6	24.5	23.0	23.7	16.5	15.2	15.8	6.9	5.9	6.5	3.4	2.5	3.0
7	24.3	22.6	23.4	16.2	14.6	15.5	7.2	6.2	6.6	4.0	2.0	3.3
8	22.6	19.6	21.2	17.5	15.6	16.5	8.0	5.9	7.0	4.7	3.2	4.0
9	19.8	16.0	18.0	18.0	16.7	17.4	7.6	6.8	7.3	4.6	3.8	4.3
10	18.0	15.2	16.3	18.0	17.0	17.5	7.5	7.2	7.3	4.5	3.2	3.6
11	18.7	15.9	17.0	17.3	16.2	16.7	8.1	7.3	7.6	4.8	2.5	3.9
12	18.6	16.6	17.4	16.2	15.2	15.7	8.8	7.8	8.4	5.2	4.6	4.9
13	18.4	17.3	17.8	15.9	14.6	15.2	8.7	7.9	8.3	5.9	4.9	5.4
14	18.8	17.5	18.0	15.4	14.9	15.2	11.1	8.2	9.8	7.8	5.5	6.2
15	18.9	17.6	18.3	15.2	13.2	14.4	11.0	9.8	10.2	9.6	6.5	7.6
16	19.8	17.9	18.9	14.2	12.3	13.6	11.0	9.9	10.2	8.7	6.5	7.5
17	20.2	18.7	19.5	14.1	13.6	13.9	---	---	---	8.0	6.7	7.5
18	20.0	19.2	19.7	13.8	12.4	13.2	---	---	---	8.2	7.1	7.4
19	20.6	19.3	19.8	13.0	11.8	12.6	9.9	8.9	9.4	9.8	7.0	7.9
20	20.2	19.1	19.8	12.3	11.3	11.8	9.4	7.9	8.7	11.0	8.5	9.3
21	20.9	19.2	20.0	11.5	10.3	11.0	8.5	6.8	7.8	8.9	7.8	8.4
22	20.8	19.3	20.0	10.9	8.1	9.6	7.7	6.8	7.4	7.9	7.2	7.7
23	19.8	19.0	19.4	9.6	7.1	8.9	7.4	5.3	6.3	7.5	6.8	7.1
24	19.7	18.6	19.0	9.3	8.7	8.9	6.0	4.5	5.5	8.1	6.3	7.0
25	19.3	18.5	18.9	9.6	8.5	9.0	5.4	4.2	4.9	7.0	6.3	6.7
26	---	---	---	11.1	9.4	10.3	4.4	3.2	3.8	6.8	5.7	6.1
27	19.0	18.6	18.7	11.1	9.8	10.3	3.9	2.8	3.4	6.8	5.6	6.2
28	---	---	---	11.1	9.9	10.3	4.1	3.2	3.7	8.5	5.9	6.5
29	18.8	17.5	18.3	10.9	9.8	10.3	3.9	3.0	3.4	---	---	---
30	17.8	17.0	17.5	10.4	9.8	10.1	3.8	2.7	3.5	8.6	6.5	7.3
31	17.3	16.2	16.9	---	---	---	3.8	2.0	3.2	9.7	7.5	8.3
MONTH	---	---	---	18.0	7.1	13.5	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	9.2	8.1	8.6	12.1	10.7	11.5	14.5	12.9	14.2	19.9	17.4	18.1
2	9.1	8.6	9.0	13.5	11.5	12.2	13.5	12.5	13.1	21.0	18.2	19.0
3	9.1	8.1	8.6	---	---	---	13.3	12.8	13.0	21.8	19.0	20.2
4	8.1	7.9	8.0	---	---	---	14.0	13.1	13.4	23.0	18.7	21.4
5	8.8	8.1	8.4	---	---	---	14.2	13.0	13.6	24.4	21.0	22.3
6	9.4	8.0	8.6	---	---	---	15.4	13.6	14.5	23.0	19.7	21.2
7	9.5	8.3	8.9	---	---	---	18.2	14.7	15.6	20.0	18.6	19.1
8	10.7	8.6	9.5	---	---	---	18.5	16.0	17.3	20.0	18.5	19.2
9	---	---	---	---	---	---	20.3	17.3	18.3	21.5	18.9	20.0
10	---	---	---	---	---	---	20.3	16.8	18.6	21.7	19.9	20.6
11	---	---	---	---	---	---	19.6	17.2	18.6	22.8	20.0	21.2
12	9.5	8.9	9.1	---	---	---	20.0	19.0	19.5	23.0	20.0	21.2
13	9.6	9.1	9.4	12.9	10.8	11.9	21.4	18.9	20.1	22.3	20.9	21.4
14	---	---	---	---	---	---	21.0	19.5	20.4	22.3	21.0	21.7
15	---	---	---	13.3	12.6	12.9	20.4	19.8	20.1	21.9	21.1	21.4
16	---	---	---	13.6	12.6	13.1	19.9	19.1	19.4	21.6	20.7	21.1
17	---	---	---	15.0	13.2	14.0	19.3	16.9	18.3	21.0	20.0	20.4
18	11.4	10.3	10.8	14.9	13.6	14.4	16.9	15.3	16.1	21.8	20.1	20.7
19	---	---	---	13.7	12.4	13.1	15.8	13.9	14.9	23.7	20.7	22.0
20	---	---	---	12.7	11.5	11.8	16.2	14.7	15.5	24.2	21.8	22.8
21	---	---	---	12.9	11.5	12.3	17.4	15.5	16.4	23.1	21.5	22.9
22	---	---	---	12.7	12.1	12.4	19.2	16.5	17.5	24.7	22.5	23.1
23	11.4	10.1	10.6	13.9	11.9	12.5	20.5	17.5	18.6	23.6	23.0	23.3
24	10.9	9.6	10.4	13.5	12.1	12.8	19.9	18.6	19.2	24.7	22.5	23.3
25	12.4	10.2	11.1	13.0	11.6	12.4	20.3	17.6	18.8	24.8	22.8	24.1
26	---	---	---	12.0	11.3	11.8	17.6	16.1	16.9	24.7	23.6	24.2
27	12.7	11.9	12.3	11.6	10.6	11.1	18.8	15.4	16.6	24.5	23.6	24.0
28	12.3	11.7	12.1	11.5	10.5	11.0	18.9	15.9	17.2	24.0	23.5	23.8
29	---	---	---	13.1	11.1	11.6	17.3	16.7	17.0	23.7	23.1	23.5
30	---	---	---	14.4	12.1	13.1	18.6	16.8	17.6	24.8	22.9	23.6
31	---	---	---	15.6	13.6	14.4	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	21.4	12.5	17.0	---	---	---

NEUSE RIVER BASIN

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9--Continued

TEMPERATURE, WATER (DEG. C), TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	29.5	28.0	28.8	26.3	25.5	25.9	27.3	26.6	27.0
2	---	---	---	28.3	27.0	27.8	26.5	25.5	26.0	27.2	26.4	26.8
3	25.7	24.0	24.8	27.1	26.6	26.9	27.3	25.8	26.3	26.9	26.1	26.6
4	26.1	24.7	25.3	28.7	26.4	27.2	28.1	25.9	26.9	27.0	26.1	26.5
5	27.7	25.1	25.9	27.6	26.8	27.3	28.3	26.3	27.1	27.6	25.5	26.3
6	27.7	26.4	27.0	27.7	26.5	27.1	29.3	26.9	27.9	26.5	25.6	26.1
7	27.9	26.6	27.1	27.1	25.6	26.4	30.2	27.5	28.5	27.1	25.9	26.5
8	27.1	26.2	26.5	26.5	25.9	26.2	30.9	27.6	29.1	26.8	25.9	26.4
9	27.2	25.7	26.2	---	---	---	30.8	28.1	29.5	27.0	26.2	26.6
10	27.5	25.9	26.5	---	---	---	29.8	27.9	28.8	27.8	26.3	26.9
11	28.7	26.1	27.1	---	---	---	29.8	27.6	28.3	27.5	26.6	27.1
12	28.3	26.6	27.5	---	---	---	29.0	27.8	28.3	26.8	26.1	26.5
13	28.1	25.8	27.0	27.7	26.4	27.0	29.9	28.0	28.7	26.4	25.6	26.1
14	26.5	25.2	25.8	27.3	25.8	26.4	28.6	27.4	28.0	26.2	25.3	25.9
15	25.9	25.1	25.6	28.2	26.2	26.9	---	---	---	25.3	23.1	24.2
16	---	---	---	28.5	26.5	27.3	---	---	---	23.8	22.4	23.0
17	---	---	---	28.0	26.5	27.0	29.8	27.5	28.3	23.7	21.9	22.6
18	27.4	25.6	26.5	29.2	26.3	27.5	29.7	27.9	28.6	24.3	22.2	23.2
19	27.5	26.4	27.0	27.8	26.8	27.2	29.3	27.6	28.5	24.0	22.9	23.5
20	28.3	26.3	27.0	27.3	26.4	26.9	28.9	28.0	28.4	24.0	23.3	23.6
21	29.2	26.8	27.5	26.8	25.8	26.3	---	---	---	25.2	23.1	23.8
22	28.5	26.9	27.6	27.2	25.9	26.5	28.9	27.8	28.2	25.8	23.7	24.6
23	27.6	26.8	27.3	27.2	26.4	26.8	30.2	27.1	28.0	26.9	24.6	25.6
24	27.2	26.1	26.7	28.1	26.6	27.0	28.2	27.3	27.8	26.7	24.2	25.1
25	27.7	26.2	26.8	28.6	27.0	27.6	27.6	26.7	27.1	24.7	23.9	24.3
26	28.3	26.7	27.3	28.3	27.4	27.9	27.0	25.9	26.4	23.9	23.0	23.4
27	---	---	---	27.8	26.8	27.4	27.9	25.8	26.7	23.2	21.9	22.6
28	31.3	28.4	29.3	26.8	26.0	26.5	28.3	27.0	27.5	23.0	21.6	22.3
29	30.6	28.3	29.3	26.8	26.0	26.4	28.0	27.2	27.5	22.1	20.7	21.4
30	30.2	28.0	29.1	26.4	25.8	26.2	---	---	---	20.9	19.2	20.0
31	---	---	---	26.5	25.2	25.9	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	27.8	19.2	24.8

TEMPERATURE, WATER (DEG. C), BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	21.5	20.8	21.1	17.2	16.2	16.6	10.2	9.4	9.8	3.7	2.8	3.2
2	21.6	20.5	20.9	16.7	15.6	16.2	9.9	9.0	9.4	3.5	2.8	3.2
3	21.8	21.1	21.4	16.5	15.7	16.1	9.1	7.1	8.2	3.5	2.4	2.8
4	21.9	21.2	21.5	16.6	16.0	16.4	7.8	6.4	7.0	3.6	2.3	2.9
5	21.9	21.5	21.6	16.7	16.2	16.5	7.8	6.3	7.1	3.8	3.0	3.5
6	22.0	21.5	21.6	16.5	15.6	16.0	7.7	6.4	7.0	3.7	2.8	3.2
7	24.0	21.6	22.7	16.6	15.8	16.4	7.5	6.2	6.8	4.1	3.5	3.7
8	22.7	19.8	21.3	16.7	16.5	16.6	8.1	7.1	7.6	4.4	3.6	3.9
9	19.8	16.8	18.4	16.8	16.4	16.6	8.0	6.8	7.5	4.5	3.9	4.2
10	18.3	15.5	16.7	17.8	16.5	17.3	7.7	7.2	7.4	4.1	3.3	3.7
11	18.3	15.9	17.1	17.3	16.2	16.7	7.7	7.3	7.5	4.0	3.6	3.8
12	18.4	16.6	17.5	16.4	15.4	15.9	8.7	7.6	8.2	5.0	3.7	4.1
13	18.0	17.5	17.8	16.0	15.0	15.7	8.7	7.9	8.2	5.7	4.8	5.2
14	18.4	17.8	18.1	16.3	15.2	15.7	10.7	8.2	9.5	5.6	4.9	5.2
15	18.4	17.8	18.1	15.4	14.3	14.7	10.9	9.7	10.1	5.8	5.1	5.3
16	18.3	17.9	18.1	14.9	14.1	14.5	10.2	9.4	9.9	6.8	5.0	6.0
17	19.0	18.0	18.3	14.9	13.6	14.0	---	---	---	6.9	5.5	6.5
18	20.0	18.6	19.4	14.1	13.1	13.6	10.4	9.7	10.0	7.5	6.4	7.0
19	20.4	19.2	19.6	13.3	11.8	12.6	9.9	9.0	9.5	9.2	5.6	7.4
20	19.9	18.5	19.4	12.9	11.4	11.9	9.4	8.5	8.9	10.4	6.7	8.9
21	19.6	18.5	19.2	---	---	---	8.8	7.6	8.1	8.9	8.1	8.4
22	20.4	18.8	19.5	---	---	---	8.3	7.4	7.7	8.1	7.3	7.7
23	19.8	19.1	19.4	10.0	8.5	9.4	7.9	5.4	6.7	7.5	6.8	7.1
24	19.4	18.9	19.2	9.2	8.6	8.9	6.3	5.3	5.7	7.3	6.3	7.0
25	19.2	18.5	18.9	9.5	8.7	9.0	5.6	4.5	5.1	7.4	6.3	6.8
26	---	---	---	10.4	9.3	9.9	4.6	3.3	3.9	6.7	5.6	6.2
27	18.9	18.5	18.7	10.6	9.8	10.1	4.7	3.5	4.0	6.7	5.8	6.3
28	---	---	---	10.4	9.8	10.1	4.4	3.5	4.0	6.7	5.9	6.2
29	18.9	18.3	18.6	10.5	9.9	10.2	4.1	3.1	3.5	---	---	---
30	18.4	17.3	17.8	10.4	9.8	10.1	4.2	3.5	3.8	8.6	6.2	7.1
31	17.7	16.5	17.1	---	---	---	4.0	2.6	3.4	9.5	7.7	8.2
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

NEUSE RIVER BASIN

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9--Continued

TEMPERATURE, WATER (DEG. C), BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.8	8.0	8.5	11.9	10.9	11.6	14.2	12.6	13.1	18.4	17.1	17.6
2	9.1	8.1	8.8	12.4	11.7	12.0	13.6	12.6	13.1	18.8	17.1	17.9
3	8.9	8.1	8.5	---	---	---	13.5	12.8	13.2	19.1	16.9	17.6
4	8.4	7.9	8.0	---	---	---	13.9	12.9	13.4	20.0	17.1	18.0
5	8.7	8.1	8.3	---	---	---	14.3	13.1	13.7	19.1	16.9	17.4
6	8.7	8.1	8.4	---	---	---	15.4	13.9	14.4	21.9	17.1	19.6
7	9.3	8.3	8.7	---	---	---	16.0	14.3	15.1	19.5	18.6	18.9
8	10.1	8.4	8.9	---	---	---	16.4	13.5	14.8	19.6	18.4	18.9
9	---	---	---	---	---	---	16.0	13.5	14.4	21.0	19.0	19.6
10	---	---	---	---	---	---	20.0	13.8	15.6	20.9	19.1	20.0
11	---	---	---	---	---	---	19.4	16.1	18.2	20.9	19.2	20.0
12	9.5	8.8	9.2	---	---	---	19.2	15.1	17.1	21.3	19.6	20.5
13	9.6	9.1	9.4	12.9	10.9	11.9	21.1	15.7	19.2	22.3	20.5	21.4
14	---	---	---	---	---	---	20.5	17.8	19.7	22.3	21.1	21.7
15	---	---	---	13.1	11.7	12.6	20.1	16.0	18.4	21.8	21.4	21.6
16	---	---	---	13.3	12.4	12.8	19.6	18.6	19.4	21.6	21.0	21.3
17	---	---	---	14.8	12.6	13.5	19.5	17.2	18.4	21.0	20.1	20.5
18	11.4	10.5	10.9	14.9	14.0	14.4	17.3	15.7	16.3	21.3	20.2	20.5
19	---	---	---	14.0	12.5	13.2	16.0	14.4	15.3	22.6	20.2	21.3
20	---	---	---	12.8	11.6	11.9	16.3	15.1	15.6	23.3	20.6	21.8
21	---	---	---	12.6	11.6	12.2	17.3	15.7	16.4	22.8	20.7	21.8
22	---	---	---	12.8	12.2	12.4	18.2	16.8	17.2	24.2	22.1	22.9
23	10.9	10.1	10.5	13.7	12.0	12.5	19.0	16.5	17.7	23.5	22.8	23.2
24	11.0	9.8	10.5	13.4	12.2	12.7	19.5	16.6	17.8	23.4	22.6	22.9
25	12.4	10.4	11.0	13.0	11.5	12.4	19.7	17.7	18.8	24.4	22.8	23.3
26	---	---	---	12.2	11.3	11.8	17.8	16.6	17.0	24.2	22.9	23.4
27	12.8	11.9	12.3	11.7	10.6	11.2	17.5	16.4	16.9	24.2	22.9	23.7
28	12.6	11.8	12.2	11.6	10.7	11.2	18.1	16.2	17.1	24.0	23.5	23.7
29	---	---	---	13.0	11.1	11.7	17.4	16.8	17.1	23.7	23.3	23.5
30	---	---	---	14.3	12.2	13.1	18.4	16.8	17.3	24.3	23.0	23.5
31	---	---	---	13.8	12.5	12.9	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	21.1	12.6	16.4	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	28.5	26.8	27.5	26.2	25.5	25.9	27.2	26.8	26.9
2	---	---	---	28.1	26.9	27.7	26.5	25.5	25.9	27.1	26.6	26.9
3	25.5	24.0	24.6	27.0	26.6	26.9	26.5	25.6	26.1	26.9	26.1	26.6
4	25.7	24.2	24.9	27.9	26.4	27.1	26.8	25.9	26.4	26.8	26.4	26.6
5	26.1	24.0	25.0	27.6	26.9	27.2	26.9	26.1	26.3	26.7	26.0	26.4
6	27.3	24.2	26.0	27.4	26.7	27.0	26.9	26.1	26.4	26.5	25.9	26.3
7	27.7	25.2	26.7	27.0	25.7	26.4	26.7	26.1	26.3	27.1	25.7	26.3
8	27.0	25.2	26.2	26.5	25.9	26.2	26.9	26.1	26.3	26.8	26.0	26.4
9	26.1	24.9	25.7	---	---	---	27.0	26.0	26.4	27.1	26.2	26.6
10	26.0	24.9	25.3	---	---	---	28.2	26.2	26.8	27.0	26.7	26.8
11	25.6	24.6	25.1	---	---	---	28.1	26.5	27.0	27.2	26.6	26.9
12	26.3	24.3	25.0	---	---	---	28.1	26.6	27.4	26.9	26.1	26.5
13	26.3	24.5	25.3	---	---	---	28.4	27.1	27.5	26.6	25.6	26.2
14	26.4	25.1	25.5	27.2	25.5	26.3	28.3	27.6	27.8	26.2	25.5	25.9
15	25.8	25.0	25.5	26.8	26.2	26.5	---	---	---	25.3	23.1	24.2
16	---	---	---	26.9	26.0	26.3	---	---	---	23.8	22.6	23.1
17	---	---	---	26.7	25.9	26.2	28.1	27.5	27.8	23.4	22.4	22.9
18	27.1	25.7	26.2	27.7	26.2	26.9	29.0	27.6	28.1	22.8	22.3	22.6
19	27.4	26.2	26.7	27.5	26.7	27.1	28.8	27.7	28.2	23.7	22.4	22.8
20	27.1	26.0	26.6	27.2	26.4	26.8	28.6	28.0	28.2	23.9	23.0	23.4
21	27.2	26.0	26.5	26.8	25.8	26.3	---	---	---	23.8	22.9	23.4
22	27.4	26.2	26.6	27.1	25.8	26.5	28.3	27.9	28.1	23.7	23.0	23.3
23	27.6	26.2	26.8	27.0	26.5	26.7	28.3	27.5	28.0	24.5	23.1	23.6
24	27.1	26.4	26.8	27.7	26.4	26.9	28.1	27.7	27.8	24.7	23.2	23.8
25	27.5	26.3	26.7	28.3	27.0	27.5	27.8	26.9	27.3	24.6	23.7	24.2
26	27.8	26.6	27.0	28.3	27.4	27.8	27.2	26.0	26.6	24.1	23.2	23.5
27	---	---	---	27.8	26.8	27.4	27.1	26.3	26.8	23.2	22.1	22.7
28	28.3	26.7	27.4	26.8	26.0	26.4	27.5	27.0	27.1	23.0	21.8	22.5
29	28.2	26.8	27.4	26.7	26.0	26.3	27.4	27.0	27.1	22.4	20.8	21.5
30	28.0	26.8	27.3	26.4	25.8	26.2	---	---	---	21.0	19.2	20.1
31	---	---	---	26.5	25.2	25.8	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	27.2	19.2	24.6

NEUSE RIVER BASIN

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9--Continued

OXYGEN DISSOLVED (MG/L), TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	8.9	8.0	8.3	9.2	8.2	8.7	10.7	9.9	10.3	12.3	11.3	11.7
2	9.7	7.9	8.6	9.3	8.3	8.8	10.6	10.1	10.3	12.7	11.9	12.3
3	10.3	8.1	9.1	9.4	8.1	8.7	10.7	10.1	10.3	13.1	11.9	12.5
4	11.2	8.6	9.5	9.4	8.0	8.7	11.7	10.6	11.1	13.2	12.5	12.8
5	11.8	8.1	9.6	9.3	8.1	8.6	12.3	11.2	11.7	13.5	11.7	12.8
6	11.6	8.3	9.7	9.6	8.1	8.6	12.3	11.6	11.9	13.1	12.0	12.5
7	10.0	8.0	9.0	9.4	7.8	8.7	12.6	11.8	12.2	13.3	12.7	13.0
8	8.9	7.6	8.1	10.2	7.8	8.5	12.5	11.9	12.2	13.7	12.8	13.2
9	9.1	7.9	8.3	9.6	7.3	8.5	12.3	11.5	11.9	13.6	12.4	13.1
10	9.5	7.9	8.7	8.9	6.6	7.9	12.0	11.4	11.7	12.9	11.9	12.3
11	11.0	8.0	9.2	8.8	8.0	8.4	12.0	11.3	11.5	13.7	12.2	13.1
12	11.2	8.4	10.2	9.2	8.2	8.5	11.7	10.9	11.2	13.8	13.0	13.4
13	12.7	10.2	11.5	10.3	8.3	9.0	11.5	10.6	11.2	13.1	12.5	12.9
14	12.7	11.0	11.6	10.0	8.6	9.1	11.3	10.6	11.0	13.4	12.3	12.7
15	12.2	10.5	11.5	9.5	8.5	9.0	11.2	10.6	10.8	13.8	10.8	12.8
16	13.0	10.8	11.9	10.1	8.7	9.4	11.1	10.6	10.8	13.6	12.2	13.0
17	12.2	10.2	11.4	9.9	8.9	9.2	---	---	---	13.4	12.6	13.0
18	12.0	10.4	11.3	9.9	8.6	9.1	---	---	---	13.9	12.4	12.9
19	12.1	9.7	10.5	9.6	9.0	9.2	10.1	8.6	9.3	13.0	11.2	12.5
20	11.7	9.3	10.4	10.1	8.9	9.6	9.6	8.8	9.0	11.3	10.1	10.7
21	11.1	9.1	10.1	---	---	---	10.9	9.1	9.7	10.8	9.8	10.3
22	10.2	8.0	9.1	10.6	9.4	10.0	11.0	9.7	10.1	10.9	10.0	10.4
23	9.2	7.9	8.6	10.9	9.9	10.3	10.9	9.7	10.4	10.8	10.3	10.5
24	---	---	---	10.6	10.0	10.3	12.2	10.3	11.0	12.6	10.4	11.4
25	---	---	---	10.6	10.1	10.4	11.9	10.9	11.3	12.2	10.9	11.6
26	---	---	---	10.9	9.6	10.4	11.9	11.0	11.4	12.2	10.7	11.3
27	8.3	7.5	7.9	11.0	10.3	10.6	12.5	11.5	11.9	11.8	10.8	11.2
28	---	---	---	10.7	10.1	10.4	12.2	11.5	11.8	11.9	10.7	11.1
29	9.2	7.7	8.3	11.8	10.1	10.9	12.2	11.5	11.8	---	---	---
30	8.9	7.7	8.4	10.5	9.8	10.1	12.2	11.5	11.9	11.6	9.1	10.1
31	8.9	8.1	8.5	---	---	---	12.3	11.2	11.5	10.3	9.3	9.8
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	10.2	9.1	9.7	---	---	---	11.8	9.8	10.9	10.3	7.4	8.4
2	10.1	9.5	9.8	---	---	---	11.6	9.7	10.6	12.1	7.4	9.4
3	10.1	9.5	9.8	---	---	---	11.4	10.7	11.0	10.8	8.6	9.6
4	9.7	9.3	9.5	---	---	---	12.8	10.5	11.4	9.8	8.2	9.2
5	9.6	9.0	9.4	---	---	---	13.7	11.1	12.0	9.8	7.5	9.1
6	9.9	9.0	9.5	---	---	---	12.7	10.9	11.9	8.6	7.2	7.9
7	10.1	9.4	9.7	---	---	---	13.6	10.2	11.5	8.3	7.2	7.7
8	---	---	---	---	---	---	12.8	11.3	11.9	8.7	7.5	8.1
9	---	---	---	---	---	---	12.6	10.1	11.1	8.7	6.3	8.0
10	---	---	---	---	---	---	12.3	8.3	10.4	9.3	7.5	8.4
11	---	---	---	---	---	---	11.5	9.1	10.3	9.1	7.2	8.4
12	---	---	---	---	---	---	10.8	8.7	9.9	8.3	5.9	7.3
13	---	---	---	10.6	9.3	10.1	10.4	8.3	9.3	8.1	6.5	7.4
14	---	---	---	---	---	---	10.5	8.3	9.3	8.3	7.0	7.5
15	---	---	---	10.9	10.0	10.6	10.2	8.5	9.5	8.3	6.0	7.1
16	---	---	---	11.0	9.9	10.4	9.1	8.0	8.5	8.8	6.8	7.7
17	---	---	---	12.5	10.5	11.5	9.2	7.8	8.3	7.4	6.6	7.1
18	---	---	---	12.5	11.3	11.9	8.6	7.5	8.0	8.7	6.1	7.2
19	---	---	---	11.6	10.0	10.7	9.2	7.8	8.5	8.7	6.7	7.7
20	---	---	---	10.6	9.7	10.0	9.1	7.7	8.5	8.3	5.9	7.5
21	---	---	---	10.6	9.6	10.0	8.8	7.1	8.2	7.9	4.7	7.2
22	---	---	---	10.6	9.9	10.2	8.6	7.6	8.1	7.7	6.0	6.9
23	---	---	---	11.3	9.9	10.5	9.2	6.7	8.2	7.5	5.9	6.9
24	---	---	---	12.3	10.1	11.1	8.6	6.2	7.9	8.7	6.2	7.4
25	---	---	---	10.7	10.1	10.4	---	---	---	8.4	6.1	7.6
26	---	---	---	11.3	9.9	10.7	---	---	---	7.6	5.5	6.5
27	---	---	---	12.2	10.6	11.5	---	---	---	7.6	5.1	6.7
28	---	---	---	12.0	11.4	11.7	9.3	7.6	8.3	6.8	5.7	6.2
29	---	---	---	12.3	10.8	11.6	7.9	7.6	7.7	7.2	5.4	6.4
30	---	---	---	13.0	10.4	11.5	8.5	7.4	7.8	8.8	5.1	7.6
31	---	---	---	13.2	10.5	12.1	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9--Continued

OXYGEN DISSOLVED (MG/L), TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	7.0	4.2	6.0	7.4	6.2	6.9	8.5	5.5	6.9
2	---	---	---	6.2	2.9	4.5	7.2	5.9	6.4	8.3	6.0	6.9
3	7.6	5.3	6.4	6.3	4.6	5.4	7.2	5.6	6.4	8.0	5.1	6.8
4	7.2	5.7	6.4	7.6	4.6	6.1	7.9	5.7	6.9	9.5	4.8	6.7
5	9.8	5.1	6.8	6.8	5.3	6.3	7.7	5.6	6.9	9.8	6.3	8.3
6	8.5	6.2	7.3	9.2	5.4	6.6	10.2	6.1	8.2	7.3	6.1	6.8
7	8.6	6.8	7.6	8.5	5.7	7.0	9.0	6.6	7.9	8.1	5.8	6.8
8	8.7	5.9	7.5	8.4	6.8	7.5	8.0	4.9	7.1	7.2	5.6	6.3
9	8.9	7.0	7.7	---	---	---	7.6	3.8	5.9	7.5	4.5	5.8
10	9.4	6.5	7.9	---	---	---	5.2	.9	3.8	7.1	4.2	5.4
11	9.5	5.8	7.3	---	---	---	5.9	1.4	3.7	9.0	6.3	7.5
12	8.8	5.6	7.3	---	---	---	6.7	3.5	5.3	8.8	7.2	7.9
13	6.7	2.4	5.5	7.2	5.9	6.6	7.2	3.8	6.2	---	---	---
14	7.2	2.5	5.2	8.0	5.5	6.5	7.9	4.5	6.1	8.0	5.6	7.0
15	8.2	5.3	6.7	9.1	6.0	7.4	---	---	---	8.1	6.9	7.5
16	---	---	---	9.7	5.2	7.4	---	---	---	8.8	7.4	8.0
17	---	---	---	8.4	3.8	7.1	10.2	5.0	8.4	10.0	7.1	8.7
18	9.6	8.0	8.9	9.2	4.4	7.4	9.1	5.3	7.7	10.4	7.9	9.0
19	9.6	6.3	8.5	8.3	5.2	7.0	8.8	6.0	7.4	9.6	7.8	8.9
20	10.2	6.4	7.9	7.4	6.3	6.9	9.6	6.5	7.8	9.1	7.6	8.3
21	9.5	6.0	8.3	7.4	6.3	6.8	---	---	---	9.1	6.3	7.9
22	10.0	4.2	7.2	7.9	6.4	7.2	8.9	6.6	7.9	9.8	5.6	8.1
23	6.0	2.8	4.7	8.7	6.0	7.4	8.4	4.2	7.0	9.8	7.3	8.5
24	7.8	4.2	5.8	7.4	4.9	6.1	7.6	6.0	6.8	8.5	4.7	6.4
25	7.5	4.6	6.0	7.4	4.8	6.4	7.8	5.7	6.8	7.9	4.4	6.7
26	7.8	3.9	5.7	7.9	6.0	6.8	8.5	6.4	7.3	9.2	7.3	8.1
27	---	---	---	7.0	5.5	6.5	9.6	5.9	7.0	9.7	7.9	8.7
28	11.3	7.5	9.6	8.2	5.6	6.6	7.9	3.5	6.3	---	---	---
29	11.5	6.5	9.5	8.2	5.8	6.6	7.2	4.2	5.6	---	---	---
30	9.3	6.5	8.1	7.0	5.6	6.4	---	---	---	---	---	---
31	---	---	---	7.7	6.0	6.9	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

OXYGEN DISSOLVED (MG/L), BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	8.9	8.0	8.3	8.1	6.7	7.5	12.2	10.1	11.5	13.0	11.9	12.4
2	9.3	7.1	8.3	8.5	6.8	7.8	12.4	11.5	12.0	13.5	11.9	13.0
3	9.1	6.7	8.0	8.5	5.8	7.6	12.9	11.9	12.2	13.4	12.2	12.9
4	9.2	4.0	7.0	8.2	5.2	6.9	13.8	12.1	13.1	13.5	11.1	12.8
5	6.2	3.6	4.6	8.4	5.3	7.6	13.9	11.5	12.7	13.1	10.5	12.0
6	5.1	2.5	3.4	8.6	5.7	7.6	14.4	11.5	13.2	13.3	11.6	12.8
7	10.6	3.2	7.0	8.1	4.4	6.5	15.0	11.8	13.9	13.0	10.2	12.2
8	9.2	7.7	8.4	6.8	3.5	4.9	13.8	10.7	12.5	12.5	9.9	11.1
9	9.3	7.3	8.4	7.3	3.5	5.2	14.8	10.7	13.6	13.4	10.3	12.4
10	---	---	---	8.4	5.1	7.1	14.5	12.6	14.0	12.7	11.1	11.9
11	---	---	---	8.4	7.3	7.9	14.1	12.6	13.4	12.0	9.1	10.7
12	---	---	---	9.0	7.3	8.2	14.1	11.6	13.4	10.9	8.6	9.8
13	---	---	---	9.1	6.6	8.3	14.5	13.3	13.9	10.8	9.7	10.5
14	---	---	---	9.9	4.3	8.2	14.2	12.4	13.5	10.6	9.6	10.1
15	---	---	---	9.6	8.2	9.0	13.7	12.9	13.3	10.5	9.7	10.1
16	---	---	---	9.2	6.8	8.4	13.5	11.0	13.0	10.8	7.8	9.9
17	---	---	---	9.7	7.3	9.1	---	---	---	10.8	8.7	10.1
18	---	---	---	9.5	7.8	8.8	13.0	11.2	12.0	11.1	9.5	10.4
19	---	---	---	10.3	9.2	9.7	12.7	9.9	11.0	10.9	7.7	10.0
20	---	---	---	10.8	8.5	10.1	10.8	10.0	10.4	9.2	7.8	8.7
21	---	---	---	---	---	---	11.7	10.1	10.5	8.6	7.3	8.3
22	---	---	---	---	---	---	12.0	10.1	11.4	9.1	7.3	8.5
23	---	---	---	11.8	10.3	11.1	12.4	10.6	11.5	8.9	8.2	8.7
24	---	---	---	12.0	11.4	11.7	13.2	11.5	12.4	8.9	7.6	8.3
25	---	---	---	12.1	11.1	11.7	13.1	11.7	12.6	9.8	7.2	9.0
26	---	---	---	11.9	10.8	11.5	13.4	12.5	12.9	9.6	8.2	9.1
27	6.7	5.3	6.2	12.0	10.7	11.5	13.3	11.9	12.8	9.7	8.3	9.3
28	---	---	---	12.1	10.7	11.6	13.3	12.3	12.8	9.7	8.6	9.3
29	7.9	5.8	6.6	12.1	10.1	11.1	13.1	11.2	12.5	---	---	---
30	8.0	5.6	6.9	12.1	10.7	11.5	13.1	11.1	12.4	9.6	7.4	8.6
31	8.0	6.7	7.3	---	---	---	12.7	11.6	12.4	8.8	8.1	8.5
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

NEUSE RIVER BASIN

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9--Continued

OXYGEN DISSOLVED (MG/L), BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	8.8	8.1	8.5	---	---	---	10.6	6.4	8.1	8.3	4.3	6.2
2	8.8	7.9	8.5	---	---	---	10.9	6.8	9.3	9.5	2.9	6.1
3	8.8	8.0	8.4	---	---	---	10.5	6.5	8.0	8.4	2.2	4.7
4	8.5	8.2	8.4	---	---	---	11.9	6.7	9.1	8.6	2.5	5.2
5	8.3	7.5	8.1	---	---	---	12.4	9.3	10.7	6.7	2.5	4.1
6	8.5	7.5	8.1	---	---	---	11.6	7.7	9.8	8.3	3.5	6.2
7	8.7	7.3	8.1	---	---	---	10.3	5.8	8.7	8.2	4.7	6.8
8	---	---	---	---	---	---	9.3	3.7	6.3	8.1	5.3	7.2
9	---	---	---	---	---	---	6.9	3.8	5.2	8.4	4.5	7.0
10	---	---	---	---	---	---	10.8	3.9	5.7	7.8	3.8	6.6
11	---	---	---	---	---	---	9.6	4.0	7.5	7.6	4.0	6.0
12	---	---	---	---	---	---	6.9	2.9	4.6	7.5	4.8	6.4
13	---	---	---	10.3	8.8	9.5	8.6	3.8	6.1	7.8	5.5	6.9
14	---	---	---	---	---	---	8.7	3.1	6.4	8.2	6.3	7.2
15	---	---	---	10.4	8.0	9.3	8.2	2.0	4.4	7.3	5.8	6.5
16	---	---	---	10.1	8.4	9.3	9.4	5.1	7.2	8.2	5.0	6.5
17	---	---	---	11.7	7.8	10.0	9.1	5.4	7.8	7.2	6.4	6.8
18	---	---	---	12.1	10.1	11.4	8.2	6.1	7.3	7.0	5.4	6.5
19	---	---	---	11.2	9.6	10.4	8.4	4.7	6.9	7.7	4.7	6.7
20	---	---	---	10.1	9.3	9.6	9.4	5.1	7.1	8.1	3.8	6.0
21	---	---	---	10.1	9.2	9.6	---	---	---	7.1	3.2	5.5
22	---	---	---	10.3	9.7	9.9	---	---	---	7.6	4.9	6.6
23	---	---	---	10.9	9.3	10.1	---	---	---	7.5	5.0	6.6
24	---	---	---	11.4	8.8	10.2	---	---	---	7.6	3.7	6.3
25	---	---	---	10.4	8.0	9.9	---	---	---	7.9	3.1	5.6
26	---	---	---	11.0	7.6	9.8	---	---	---	6.8	2.9	4.6
27	---	---	---	11.3	8.4	10.0	---	---	---	7.2	1.9	4.7
28	---	---	---	11.5	8.8	10.4	9.1	7.1	8.2	6.7	4.1	6.0
29	---	---	---	11.7	9.2	10.5	7.9	7.5	7.7	6.7	3.7	5.5
30	---	---	---	12.0	7.7	10.0	8.1	5.9	7.4	7.7	3.3	5.8
31	---	---	---	11.0	6.6	8.2	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	4.2	.2	1.3	---	---	---	6.9	.4	2.2
2	---	---	---	6.2	.4	3.7	---	---	---	7.4	.4	3.1
3	6.7	4.9	5.8	5.7	3.2	4.5	---	---	---	7.1	2.0	5.7
4	6.3	2.6	5.1	6.5	1.2	4.8	---	---	---	5.7	.9	3.7
5	6.4	1.7	4.7	6.4	4.2	5.7	---	---	---	7.3	2.7	5.3
6	6.9	1.4	4.7	9.0	3.8	6.0	6.1	.1	2.5	7.5	3.1	5.8
7	7.2	3.0	5.7	8.2	4.3	6.4	2.1	.1	.3	8.0	3.8	6.3
8	6.1	2.4	4.8	7.4	4.9	6.5	.9	.0	.1	7.2	3.8	6.2
9	6.0	.9	3.3	---	---	---	1.1	.0	.3	7.9	4.3	6.3
10	5.1	.0	1.3	---	---	---	2.7	.0	.3	6.2	2.4	3.9
11	2.1	.0	.6	---	---	---	3.0	.0	.4	7.8	2.6	4.8
12	3.7	.0	1.0	---	---	---	2.8	.0	.5	8.0	3.1	6.3
13	4.9	.3	1.5	7.3	2.9	6.7	3.6	.0	.3	7.6	5.9	6.7
14	6.8	1.0	4.2	8.8	6.2	7.2	7.2	.0	2.4	7.8	5.3	6.7
15	7.6	4.8	6.1	7.6	3.3	6.4	---	---	---	7.9	6.6	7.2
16	---	---	---	7.2	1.0	3.8	---	---	---	8.5	6.8	7.6
17	---	---	---	5.2	.8	2.8	3.8	.1	.9	8.2	5.3	7.1
18	7.7	3.6	5.7	7.8	1.6	4.5	7.1	.1	2.7	8.0	4.8	6.4
19	8.6	3.4	6.1	6.9	2.0	5.0	6.3	.3	3.2	8.5	4.5	6.1
20	7.8	1.0	4.3	7.5	6.2	7.0	7.1	.2	1.1	7.9	5.3	6.5
21	6.2	.2	2.7	7.1	5.6	6.5	---	---	---	7.1	2.2	5.4
22	4.7	.5	1.8	7.1	5.3	6.3	5.2	.3	1.8	5.8	.8	3.5
23	5.2	.4	2.2	7.4	1.1	5.5	6.2	.6	4.0	5.7	1.1	3.5
24	4.7	.6	2.9	6.3	1.0	4.7	5.0	.1	1.8	5.3	1.2	2.8
25	7.2	3.3	5.5	7.0	3.9	5.8	7.8	.1	4.8	8.3	2.3	5.4
26	7.3	2.7	5.1	7.8	3.0	6.2	7.7	1.8	4.9	8.2	4.1	6.7
27	---	---	---	6.9	5.2	6.3	4.7	.1	2.1	8.6	5.0	6.8
28	7.0	1.0	3.8	7.5	5.2	6.4	5.3	.1	1.3	10.0	2.5	7.2
29	4.3	.5	2.1	---	---	---	5.5	.1	1.7	8.8	1.6	7.8
30	3.4	.2	1.0	---	---	---	---	---	---	8.1	7.4	7.7
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	10.0	.4	5.7

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9--Continued

OXYGEN DISSOLVED (% OF SATURATION), TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	101	90	94	92	84	89	95	86	90	93	84	87
2	110	88	96	95	84	90	92	87	90	95	87	91
3	119	91	103	94	82	88	89	86	88	98	87	93
4	133	97	110	97	81	89	95	88	91	97	90	94
5	141	93	112	96	82	88	100	90	95	101	89	94
6	139	97	116	97	82	87	100	95	97	98	89	93
7	120	94	106	94	80	87	104	96	100	101	93	98
8	104	85	92	106	79	88	105	96	101	106	98	101
9	92	84	88	101	76	89	102	96	99	105	95	101
10	98	83	89	94	69	82	100	94	97	98	90	93
11	117	82	96	91	82	86	102	94	97	106	91	100
12	120	88	107	93	83	86	100	93	96	109	101	105
13	134	107	121	104	83	90	98	90	95	105	100	102
14	136	116	123	100	86	91	102	92	97	109	98	103
15	131	112	122	93	84	88	100	93	97	121	88	107
16	141	114	129	97	83	90	100	95	97	116	101	109
17	135	111	125	96	86	89	---	---	---	113	103	108
18	130	114	124	94	84	87	---	---	---	117	103	107
19	135	106	115	90	85	87	89	74	82	110	98	105
20	130	101	114	94	83	89	83	76	78	98	88	94
21	125	100	111	---	---	---	91	76	82	93	84	88
22	114	88	100	91	85	88	92	80	84	92	84	88
23	100	86	93	93	86	89	88	81	84	89	86	87
24	---	---	---	92	86	89	96	82	87	104	85	94
25	---	---	---	92	88	90	94	85	88	101	89	95
26	---	---	---	97	88	93	90	84	87	100	86	92
27	89	80	85	100	91	94	94	86	90	96	87	91
28	---	---	---	97	89	93	92	87	89	98	86	91
29	99	83	89	107	90	97	92	86	89	---	---	---
30	94	81	88	94	87	90	92	87	89	95	74	84
31	93	84	88	---	---	---	92	84	86	89	79	83
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	88	78	84	---	---	---	115	93	106	111	78	90
2	88	82	85	---	---	---	112	92	101	133	79	102
3	87	82	84	---	---	---	109	101	105	121	93	106
4	82	78	80	---	---	---	124	100	109	114	90	104
5	82	76	80	---	---	---	134	106	116	115	86	105
6	87	76	81	---	---	---	125	109	117	101	79	89
7	89	82	84	---	---	---	141	101	116	90	78	83
8	---	---	---	---	---	---	136	114	125	96	80	87
9	---	---	---	---	---	---	139	107	118	98	69	88
10	---	---	---	---	---	---	136	88	112	106	83	94
11	---	---	---	---	---	---	126	94	111	104	80	95
12	---	---	---	---	---	---	118	94	108	96	66	83
13	---	---	---	101	84	94	117	89	103	93	73	84
14	---	---	---	---	---	---	117	92	103	95	79	86
15	---	---	---	104	94	101	113	93	105	94	68	81
16	---	---	---	106	93	99	100	87	93	100	76	87
17	---	---	---	124	100	112	100	81	89	83	74	79
18	---	---	---	124	110	116	88	76	81	99	68	80
19	---	---	---	112	94	102	93	78	84	103	75	88
20	---	---	---	100	89	93	92	77	85	98	69	88
21	---	---	---	100	90	94	91	72	84	92	53	84
22	---	---	---	100	93	95	92	80	85	91	71	81
23	---	---	---	109	92	99	102	71	88	88	69	81
24	---	---	---	116	96	105	95	67	86	105	72	87
25	---	---	---	102	95	97	---	---	---	101	72	91
26	---	---	---	105	92	99	---	---	---	92	65	77
27	---	---	---	113	97	105	---	---	---	91	61	79
28	---	---	---	110	103	106	99	78	87	81	68	74
29	---	---	---	113	101	107	82	79	80	84	64	75
30	---	---	---	126	98	110	91	76	82	106	60	90
31	---	---	---	133	102	118	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

NEUSE RIVER BASIN

                                    0209265810 NEUSE RIVER AT CHANNEL LIGHT 9--Continued

                            OXYGEN DISSOLVED (% OF SATURATION), TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	91	54	78	92	77	86	107	68	87
2	---	---	---	80	37	57	89	72	80	105	75	86
3	94	64	78	79	58	67	90	70	79	101	64	84
4	88	69	78	97	57	78	101	71	87	120	61	83
5	125	62	84	86	67	79	98	69	87	123	77	104
6	108	78	92	118	67	83	131	77	105	91	75	84
7	110	84	96	108	71	87	119	84	102	101	72	85
8	108	74	94	103	84	94	108	62	93	89	70	78
9	112	86	96	---	---	---	99	50	78	95	56	73
10	118	81	98	---	---	---	68	12	50	90	52	69
11	123	72	93	---	---	---	78	18	48	113	79	95
12	114	70	93	---	---	---	87	46	68	110	89	98
13	85	30	70	91	75	83	95	49	80	---	---	---
14	89	31	64	101	68	81	102	58	79	99	69	86
15	101	65	82	116	75	94	---	---	---	96	84	90
16	---	---	---	126	64	94	---	---	---	102	86	93
17	---	---	---	107	48	89	134	64	108	116	82	101
18	122	99	111	120	55	94	119	68	101	125	92	105
19	122	80	107	106	66	88	115	77	95	115	91	105
20	131	80	100	92	78	86	125	84	101	108	90	98
21	120	76	106	93	78	85	---	---	---	108	74	94
22	128	53	91	99	79	89	116	84	102	120	67	98
23	76	35	59	110	75	93	109	53	89	123	88	105
24	98	52	73	93	62	77	97	76	87	106	56	78
25	96	58	76	95	61	81	98	72	85	95	52	80
26	100	49	73	102	76	88	107	79	91	109	86	96
27	---	---	---	90	70	82	121	73	88	114	91	101
28	153	98	126	102	70	82	100	45	81	---	---	---
29	154	83	125	104	72	82	92	53	72	---	---	---
30	124	85	106	87	70	79	---	---	---	---	---	---
31	---	---	---	96	73	85	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

                            OXYGEN DISSOLVED (% OF SATURATION), BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	100	90	93	84	69	78	108	89	102	98	90	93
2	104	80	93	87	70	80	108	102	105	102	89	97
3	104	76	91	87	60	77	108	102	104	99	91	95
4	105	45	79	83	54	71	114	101	108	100	84	95
5	70	41	52	86	54	78	113	97	105	98	80	91
6	59	28	39	87	57	77	118	97	109	100	88	96
7	125	37	82	83	45	67	122	98	114	98	78	92
8	106	86	95	70	36	51	116	90	105	96	76	84
9	97	79	90	75	37	54	123	90	113	104	79	95
10	---	---	---	89	52	74	121	106	116	96	84	90
11	---	---	---	87	75	81	117	106	112	91	70	81
12	---	---	---	90	74	83	122	97	114	85	66	75
13	---	---	---	91	67	84	123	112	118	85	77	83
14	---	---	---	99	43	83	122	109	118	84	76	79
15	---	---	---	95	81	89	123	114	118	84	77	80
16	---	---	---	90	67	82	119	96	116	89	61	80
17	---	---	---	94	71	89	---	---	---	89	70	83
18	---	---	---	91	76	85	116	99	107	92	77	86
19	---	---	---	96	86	92	110	86	96	90	61	83
20	---	---	---	101	80	94	95	86	90	80	65	75
21	---	---	---	---	---	---	100	86	89	74	62	71
22	---	---	---	---	---	---	101	86	95	77	62	72
23	---	---	---	103	92	97	100	89	94	74	68	72
24	---	---	---	104	98	101	106	93	99	74	63	68
25	---	---	---	105	96	101	104	93	99	80	59	74
26	---	---	---	106	96	102	102	96	99	78	68	73
27	72	57	67	107	96	103	101	92	98	80	68	76
28	---	---	---	108	96	103	101	95	98	79	70	75
29	85	62	71	108	90	99	99	85	95	---	---	---
30	84	59	73	107	96	102	100	86	94	79	60	71
31	84	70	76	---	---	---	96	89	93	76	68	72
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

NEUSE RIVER BASIN

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9--Continued

OXYGEN DISSOLVED (% OF SATURATION), BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	75	69	72	---	---	---	103	60	77	88	46	65
2	77	67	73	---	---	---	105	65	89	102	30	65
3	76	68	72	---	---	---	100	62	76	91	23	50
4	72	69	71	---	---	---	115	64	87	95	26	55
5	71	64	69	---	---	---	122	90	103	73	26	43
6	73	64	69	---	---	---	115	76	96	94	36	68
7	75	62	69	---	---	---	103	57	87	89	50	73
8	---	---	---	---	---	---	95	36	62	88	58	77
9	---	---	---	---	---	---	69	37	51	95	48	76
10	---	---	---	---	---	---	118	39	57	86	41	73
11	---	---	---	---	---	---	102	41	80	85	44	67
12	---	---	---	---	---	---	74	29	47	85	52	72
13	---	---	---	97	80	88	95	39	67	90	61	78
14	---	---	---	---	---	---	95	34	70	95	71	83
15	---	---	---	99	74	88	90	21	47	83	66	74
16	---	---	---	96	79	88	103	55	79	94	57	73
17	---	---	---	116	74	97	98	59	83	81	71	76
18	---	---	---	120	98	112	84	62	75	79	60	72
19	---	---	---	108	90	99	85	48	69	88	53	76
20	---	---	---	96	86	89	95	52	71	95	43	68
21	---	---	---	95	86	90	---	---	---	83	36	63
22	---	---	---	97	90	93	---	---	---	90	57	77
23	---	---	---	105	87	95	---	---	---	88	58	77
24	---	---	---	109	83	96	---	---	---	89	43	73
25	---	---	---	99	74	93	---	---	---	95	36	66
26	---	---	---	102	71	91	---	---	---	81	34	55
27	---	---	---	103	78	92	---	---	---	86	22	56
28	---	---	---	106	81	95	96	73	85	79	48	71
29	---	---	---	108	85	97	82	78	80	79	43	65
30	---	---	---	116	72	95	86	62	77	92	39	68
31	---	---	---	106	62	78	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	54	3	17	---	---	---	87	5	28
2	---	---	---	79	5	47	---	---	---	93	5	38
3	82	59	70	72	40	57	---	---	---	89	26	71
4	78	31	62	84	15	61	---	---	---	71	11	46
5	79	20	58	81	53	73	---	---	---	91	34	65
6	88	16	58	114	48	75	76	1	32	93	38	72
7	92	36	72	102	54	80	26	1	4	100	47	79
8	77	29	59	91	61	81	12	0	2	89	47	77
9	74	11	40	---	---	---	14	0	4	100	54	78
10	64	0	16	---	---	---	35	0	4	77	30	48
11	26	0	7	---	---	---	39	0	5	99	33	60
12	46	0	13	---	---	---	36	0	7	100	39	79
13	61	4	19	93	36	84	47	0	4	95	73	83
14	84	12	52	111	77	90	93	1	31	96	66	82
15	93	58	75	95	41	80	---	---	---	93	80	86
16	---	---	---	90	12	48	---	---	---	99	80	89
17	---	---	---	65	10	35	49	2	12	96	61	83
18	98	45	71	99	20	57	93	2	34	93	56	74
19	109	42	76	87	25	63	82	3	41	100	52	71
20	98	12	54	94	78	87	92	3	14	93	62	76
21	78	3	33	89	70	81	---	---	---	84	26	63
22	59	7	22	90	67	78	67	4	24	69	10	42
23	67	5	28	93	14	69	80	8	51	68	13	42
24	58	8	37	80	12	59	65	2	23	64	14	34
25	92	41	69	91	50	74	99	1	60	100	28	64
26	93	34	64	100	38	80	95	23	61	97	49	79
27	---	---	---	87	66	80	59	1	27	100	59	79
28	90	13	49	94	65	80	67	1	16	117	29	84
29	56	6	27	---	---	---	70	2	22	99	18	89
30	43	2	13	---	---	---	---	---	---	91	81	85
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	117	5	68