

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9

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

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

PERIOD OF DAILY RECORD.--

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

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

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

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

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

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

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

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

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

REMARKS.--Station operated in cooperation with the North Carolina Department of Environment and Natural Resources. The monitor was removed August 29, 1999 to prevent possible destruction of the equipment during Hurricanes Dennis and Floyd. It was reinstalled on October 5, 1999. The monitor was removed on September 15, 2003 to prevent possible destruction of the equipment during Hurricane Isabel. It was reinstalled on September 26, 2003. 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	23.6, August 28, 2002	<0.1, on many days during the period
SALINITY(BOTTOM), ppt	27.8, August 18, 2002	<0.1, on many days during the period
pH(TOP), standard units	10.4, April 19, 1999	4.3, June 13, 1997
pH(BOTTOM), standard units	9.3, March 12, 13, 14, 16-20, 1999	6.1, October 1, 1998
WATER TEMPERATURE (TOP), °C	32.3, August 6, 1989, July 30, 2002	0.2, January 25, 2003
WATER TEMPERATURE (BOTTOM), °C	31.4, July 29, 1999	0.8, January 25, 2003
DISSOLVED OXYGEN (TOP), mg/L	20.7, April 10, 1991	< 1.0, on many days during the period
DISSOLVED OXYGEN (BOTTOM), mg/L	16.8, April 26, 1991	< 1.0, on many days during the period

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, TOP—CONTINUED
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.3	9.3	9.7	5.0	2.3	3.6	---	---	---	2.7	0.9	1.6
2	12.2	9.4	10.1	5.8	1.9	3.4	---	---	---	3.4	1.1	2.0
3	12.7	9.7	10.8	5.7	4.0	4.9	3.7	2.6	3.1	2.2	0.8	1.4
4	16.7	11.6	14.3	5.1	3.4	4.1	3.4	2.7	3.0	2.6	1.3	1.9
5	14.9	11.9	13.1	5.1	3.3	3.8	3.6	2.5	3.1	2.0	1.3	1.5
6	14.1	11.7	13.0	5.9	4.0	4.9	5.7	2.3	4.0	2.0	1.2	1.6
7	13.3	11.4	12.4	4.7	3.3	4.0	5.9	2.8	4.6	1.8	1.0	1.3
8	11.4	10.0	10.7	3.5	2.5	3.0	3.9	2.9	3.4	2.0	1.0	1.4
9	10.9	8.3	9.7	---	---	---	4.7	2.5	3.5	2.0	1.2	1.4
10	13.5	8.5	10.3	---	---	---	---	---	---	4.2	1.4	2.2
11	11.7	10.7	11.3	---	---	---	---	---	---	3.6	2.2	2.9
12	11.7	11.1	11.2	---	---	---	---	---	---	4.3	2.9	3.7
13	11.5	10.7	11.0	---	---	---	---	---	---	4.9	3.7	4.3
14	11.2	10.3	10.7	---	---	---	---	---	---	5.1	4.1	4.3
15	11.3	9.7	10.5	---	---	---	---	---	---	5.4	4.3	4.7
16	11.5	10.5	11.0	---	---	---	---	---	---	5.1	4.3	4.7
17	10.6	7.7	8.7	---	---	---	---	---	---	5.2	4.4	5.0
18	9.9	7.8	8.6	---	---	---	---	---	---	5.4	4.6	4.9
19	9.8	7.9	8.6	---	---	---	---	---	---	6.1	4.7	5.4
20	9.9	6.7	7.9	---	---	---	---	---	---	5.6	4.5	4.8
21	9.7	6.4	7.8	---	---	---	---	---	---	4.8	4.2	4.6
22	9.5	4.2	7.5	---	---	---	---	---	---	4.9	4.0	4.4
23	8.6	5.9	7.5	---	---	---	---	---	---	5.1	4.5	4.8
24	9.0	6.4	8.1	---	---	---	---	---	---	4.9	3.1	4.0
25	9.0	6.3	7.5	---	---	---	4.0	0.7	1.5	4.0	2.5	3.2
26	6.5	4.0	6.2	---	---	---	2.3	0.9	1.2	4.0	2.5	3.1
27	5.4	2.7	3.6	---	---	---	1.7	0.9	1.1	4.1	2.4	3.4
28	5.0	2.8	4.1	---	---	---	1.6	0.7	0.9	3.7	1.7	2.7
29	---	---	---	---	---	---	1.6	0.6	0.8	---	---	---
30	---	---	---	---	---	---	2.4	0.6	1.3	2.2	1.4	1.8
31	---	---	---	---	---	---	---	---	---	2.4	1.1	1.5
MONTH	16.7	2.7	9.5	---	---	---	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	1.9	1.2	1.6	4.7	3.6	3.9	8.1	3.6	5.8	8.8	5.9	7.2
2	1.9	1.4	1.7	5.3	3.6	4.4	8.8	5.9	7.4	10.8	6.4	7.7
3	2.0	0.8	1.3	5.3	4.2	4.8	9.0	5.7	7.4	10.0	7.2	8.1
4	1.7	0.8	1.2	5.5	4.4	4.9	8.8	5.3	6.8	11.1	7.5	8.9
5	1.8	0.5	0.9	5.2	4.7	5.1	9.5	4.5	6.5	10.4	7.3	9.1
6	2.0	0.2	0.5	5.2	4.2	4.8	8.5	5.4	7.0	10.4	7.8	8.5
7	1.2	0.2	0.6	5.3	3.8	4.6	10.5	7.5	8.6	10.9	8.4	9.0
8	2.0	0.9	1.4	5.1	4.0	4.6	10.3	7.5	8.4	10.9	7.4	9.5
9	1.4	0.7	0.9	5.0	3.4	4.2	9.9	6.4	8.1	7.5	6.4	6.9
10	2.3	0.7	1.0	5.1	3.5	4.1	9.3	6.1	7.8	7.0	5.9	6.5
11	2.4	0.7	1.0	5.3	4.4	4.9	8.4	4.5	6.2	7.4	5.9	6.3
12	2.5	0.8	1.3	5.5	4.8	5.2	8.5	4.6	6.2	8.3	6.0	6.7
13	3.3	1.5	2.2	5.5	3.7	4.8	7.3	4.2	5.9	9.2	7.2	8.1
14	3.7	2.4	3.2	5.4	3.8	4.9	6.4	2.9	4.5	9.7	7.9	8.7
15	3.9	2.3	3.0	4.4	2.7	3.5	4.6	1.8	3.0	---	---	---
16	4.6	2.7	3.5	3.4	2.3	2.6	4.0	1.6	2.6	---	---	---
17	4.8	4.0	4.4	3.1	1.9	2.4	7.5	2.2	3.9	---	---	---
18	4.3	2.4	3.1	3.5	2.0	2.3	7.3	3.8	5.1	---	---	---
19	3.8	1.8	2.4	3.3	2.0	2.8	7.2	4.8	6.0	---	---	---
20	2.8	1.6	2.1	3.3	1.7	2.2	6.7	5.7	6.1	---	---	---
21	2.6	1.4	1.7	3.4	2.1	2.7	6.1	3.2	4.8	---	---	---
22	2.5	1.6	1.9	9.0	3.4	6.5	3.4	1.2	2.0	---	---	---
23	3.2	1.6	2.2	7.1	4.6	5.4	3.8	1.3	1.9	---	---	---
24	2.7	1.8	2.1	7.0	4.4	5.7	3.7	2.3	2.7	---	---	---
25	2.2	1.5	1.6	7.1	2.8	3.9	4.0	2.2	2.8	---	---	---
26	2.3	1.7	2.0	5.1	2.6	3.6	2.9	2.1	2.4	---	---	---
27	2.6	2.0	2.3	4.7	1.4	2.1	4.8	1.2	2.3	7.9	5.3	6.3
28	3.7	2.4	2.7	4.5	1.6	2.7	5.2	2.0	2.9	6.4	4.2	5.3
29	5.2	2.6	3.4	5.7	3.0	3.9	8.5	2.8	4.4	5.5	3.9	4.7
30	5.6	2.9	3.8	8.1	3.8	4.9	7.0	3.6	5.0	5.5	3.5	4.3
31	---	---	---	6.5	3.9	5.1	8.7	5.2	6.2	---	---	---
MONTH	5.6	0.2	2.0	9.0	1.4	4.1	10.5	1.2	5.2	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, BOTTOM
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	19.5	17.7	18.6	---	---	---	13.2	12.2	12.7	---	---	---
2	19.9	18.2	19.3	17.3	15.9	16.6	15.8	12.5	13.6	---	---	---
3	20.3	18.1	19.7	19.5	16.4	17.6	16.7	12.4	13.1	---	---	---
4	20.5	18.4	20.0	18.8	14.4	16.3	14.4	12.6	13.0	---	---	---
5	21.4	19.4	20.6	19.4	14.5	16.1	13.8	12.2	12.9	---	---	---
6	21.4	16.9	19.6	16.8	14.7	15.3	14.1	11.8	13.0	---	---	---
7	20.3	18.4	19.1	---	---	---	14.5	12.0	13.4	---	---	---
8	19.4	18.0	18.6	---	---	---	14.8	12.7	13.9	---	---	---
9	19.7	18.4	19.0	---	---	---	14.6	11.1	12.9	---	---	---
10	19.4	18.8	19.1	---	---	---	14.0	9.4	12.1	---	---	---
11	---	---	---	---	---	---	14.1	9.5	11.6	---	---	---
12	19.6	18.2	18.8	---	---	---	13.6	10.9	12.1	---	---	---
13	19.9	18.9	19.5	---	---	---	14.7	11.3	12.8	---	---	---
14	19.9	16.9	18.4	---	---	---	12.2	11.8	12.0	---	---	---
15	---	---	---	---	---	---	13.6	11.7	12.5	---	---	---
16	---	---	---	---	---	---	15.0	10.2	12.5	---	---	---
17	---	---	---	---	---	---	14.9	10.0	12.2	12.4	11.6	11.9
18	---	---	---	---	---	---	---	---	---	12.4	11.8	12.1
19	20.1	17.5	19.2	---	---	---	14.4	10.6	12.4	13.6	12.0	12.5
20	---	---	---	---	---	---	---	---	---	13.3	12.4	12.9
21	21.4	19.1	20.6	---	---	---	13.0	9.7	10.9	13.1	12.4	12.8
22	---	---	---	---	---	---	---	---	---	12.9	12.6	12.8
23	---	---	---	---	---	---	---	---	---	13.2	10.2	12.4
24	---	---	---	---	---	---	---	---	---	13.0	10.2	11.9
25	---	---	---	---	---	---	---	---	---	13.0	11.3	12.2
26	17.7	15.3	16.6	19.5	16.3	18.6	---	---	---	13.4	11.2	12.3
27	---	---	---	19.0	10.1	17.0	---	---	---	13.6	9.5	10.7
28	17.7	16.0	16.9	18.6	11.9	16.3	---	---	---	13.8	10.7	12.6
29	17.7	15.6	16.3	16.7	11.4	13.8	---	---	---	15.4	11.8	13.6
30	18.4	14.8	15.8	13.5	12.0	12.6	---	---	---	15.6	12.2	13.9
31	---	---	---	---	---	---	---	---	---	12.8	11.9	12.2
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.5	10.7	11.9	8.1	3.1	5.8	---	---	---	8.3	5.4	7.3
2	14.1	10.9	12.4	9.7	2.4	5.6	---	---	---	8.6	2.3	5.3
3	17.1	12.4	14.7	7.0	4.1	5.3	3.7	2.6	3.2	7.1	1.2	3.7
4	17.0	13.2	15.4	7.0	3.8	5.0	3.4	2.8	3.0	7.5	1.4	2.4
5	15.3	12.6	14.1	12.8	3.9	6.3	4.0	2.7	3.3	5.0	1.5	2.5
6	14.4	12.4	13.8	8.9	4.3	5.8	6.0	2.5	4.2	8.1	1.7	3.3
7	13.9	12.0	12.9	7.3	4.1	5.2	6.2	3.1	4.7	5.9	1.4	2.8
8	14.1	11.0	12.7	9.8	4.0	7.3	3.9	3.0	3.5	5.2	1.5	3.0
9	14.3	11.5	13.1	---	---	---	4.7	2.6	3.6	8.3	1.8	5.1
10	14.5	9.2	12.6	---	---	---	---	---	---	7.7	1.6	5.1
11	13.2	11.3	11.8	---	---	---	---	---	---	8.0	3.3	5.8
12	11.9	11.1	11.4	---	---	---	---	---	---	6.0	3.5	4.1
13	12.1	10.8	11.2	---	---	---	---	---	---	5.0	4.0	4.3
14	13.0	10.6	11.3	---	---	---	---	---	---	6.1	4.3	4.8
15	14.0	10.2	11.7	---	---	---	---	---	---	6.8	4.6	5.4
16	12.0	10.6	11.2	---	---	---	---	---	---	6.8	4.5	5.3
17	11.1	8.3	9.7	---	---	---	---	---	---	6.2	4.7	5.2
18	12.0	8.3	9.9	---	---	---	---	---	---	5.4	4.7	5.0
19	11.7	8.9	10.3	---	---	---	---	---	---	6.2	4.9	5.6
20	12.4	9.1	10.6	---	---	---	---	---	---	5.7	4.6	4.9
21	12.0	7.0	9.2	---	---	---	---	---	---	5.1	4.4	4.8
22	9.7	4.4	8.4	---	---	---	---	---	---	6.0	4.6	5.2
23	10.1	6.9	8.5	---	---	---	---	---	---	5.9	3.1	4.9
24	9.4	6.5	8.3	---	---	---	---	---	---	5.0	3.4	4.4
25	9.0	6.4	7.7	---	---	---	5.9	2.0	4.1	4.8	3.7	4.3
26	7.1	4.1	6.4	---	---	---	7.5	1.8	4.9	4.8	3.4	4.0
27	8.7	3.8	6.0	---	---	---	6.5	1.3	3.6	5.4	3.1	3.9
28	8.7	4.7	6.8	---	---	---	5.1	1.7	3.4	3.8	2.3	3.0
29	---	---	---	---	---	---	7.5	2.5	5.1	2.9	2.0	2.3
30	---	---	---	---	---	---	8.3	4.3	7.0	3.1	1.7	2.2
31	---	---	---	---	---	---	---	---	---	4.8	1.3	2.2
MONTH	17.1	3.8	10.9	---	---	---	---	---	---	8.6	1.2	4.3

NEUSE RIVER BASIN

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, BOTTOM—CONTINUED
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	2.0	1.3	1.7	8.0	3.8	6.0	13.4	10.4	12.3	15.1	10.3	13.4
2	2.4	1.4	1.8	7.7	4.0	5.5	13.7	11.3	12.8	14.9	12.0	13.7
3	2.2	1.0	1.5	5.7	4.7	5.2	13.7	8.5	11.7	14.9	12.1	13.8
4	2.1	1.2	1.5	5.9	4.7	5.3	14.2	7.0	11.8	14.9	10.0	14.0
5	2.8	0.6	1.3	5.2	4.8	5.1	13.9	7.1	11.8	14.9	9.3	11.0
6	3.6	0.6	1.8	5.6	4.7	5.0	14.8	11.6	13.5	11.3	8.0	9.2
7	5.1	1.2	2.9	6.1	4.4	4.9	15.6	9.5	12.5	10.9	8.6	9.4
8	3.3	1.3	2.3	6.2	4.4	4.9	15.3	9.9	12.3	10.9	8.9	10.3
9	4.7	0.9	2.2	6.5	3.6	4.9	15.7	8.5	13.1	10.6	6.4	8.2
10	5.4	2.1	3.3	7.4	3.7	5.0	14.6	9.3	12.9	8.6	6.3	6.8
11	6.2	2.4	4.0	5.7	4.6	5.1	15.1	8.5	13.0	7.9	6.2	6.8
12	6.7	3.3	5.1	6.1	5.0	5.5	15.3	8.3	12.2	9.5	6.4	7.3
13	7.3	2.2	5.5	7.5	4.8	5.6	15.1	7.0	10.7	11.1	8.3	9.4
14	7.1	3.1	4.1	6.8	4.6	5.6	13.6	7.7	9.8	11.2	8.6	10.4
15	7.2	2.5	4.5	7.2	4.1	5.7	12.4	7.4	9.9	---	---	---
16	7.3	2.8	4.3	8.5	3.9	6.3	15.3	3.5	12.1	---	---	---
17	5.1	4.1	4.6	8.4	2.7	4.8	16.1	9.2	12.8	---	---	---
18	4.9	2.7	3.8	9.0	3.6	5.4	15.1	5.3	11.1	---	---	---
19	5.3	1.9	3.6	9.3	2.8	4.5	15.1	7.3	11.9	---	---	---
20	4.4	2.3	3.2	9.1	3.7	7.6	8.0	6.2	6.8	---	---	---
21	3.8	1.5	2.2	10.2	7.0	8.9	7.2	4.8	5.8	---	---	---
22	3.3	1.6	2.3	12.1	6.2	9.1	13.7	4.0	6.4	---	---	---
23	3.8	1.7	2.9	9.3	5.8	7.3	13.7	3.5	7.7	---	---	---
24	4.3	2.0	3.0	9.3	6.2	7.0	13.1	4.9	8.3	---	---	---
25	5.8	2.9	4.0	9.7	5.7	7.5	8.3	3.0	5.1	---	---	---
26	5.6	2.1	3.3	9.5	5.3	7.5	12.3	5.7	7.9	---	---	---
27	4.7	2.3	3.2	9.1	4.4	7.1	14.2	8.6	11.6	8.4	6.8	7.8
28	7.1	2.8	4.0	12.5	4.0	7.1	14.6	10.4	12.6	8.3	4.2	6.1
29	7.8	5.3	6.3	12.4	5.3	8.4	14.9	10.9	13.5	6.6	4.6	5.5
30	7.6	5.6	6.6	12.2	6.8	9.6	14.9	11.5	13.9	7.0	4.7	5.6
31	---	---	---	12.6	7.1	10.1	15.4	12.4	14.2	---	---	---
MONTH	7.8	0.6	3.4	12.6	2.7	6.4	16.1	3.0	11.0	---	---	---

NEUSE RIVER BASIN

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, TOP—CONTINUED
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.8	7.2	7.4	7.8	7.0	7.4	8.8	7.3	8.1	8.0	7.0	7.6
2	8.5	7.2	7.6	7.6	7.1	7.3	8.8	7.4	7.7	8.7	6.8	7.7
3	8.2	7.2	7.6	8.2	7.1	7.5	8.9	7.2	7.8	8.7	6.9	7.7
4	7.6	7.1	7.3	8.9	7.3	7.9	8.8	7.1	7.7	8.5	6.8	7.6
5	7.6	7.1	7.3	8.2	7.5	7.7	9.0	7.3	8.0	8.0	7.3	7.7
6	7.5	6.9	7.2	8.2	7.3	7.6	8.5	7.4	7.8	8.0	7.3	7.7
7	7.2	6.8	7.0	8.0	7.2	7.5	8.1	7.4	7.6	7.9	7.3	7.6
8	7.1	6.8	6.9	8.6	7.2	7.8	8.2	7.5	7.8	7.7	7.4	7.5
9	8.0	6.8	7.2	8.6	7.5	8.1	8.6	7.4	7.8	8.0	7.3	7.6
10	7.8	7.1	7.4	8.6	7.4	8.0	8.2	7.6	7.8	7.7	7.4	7.6
11	8.4	7.3	7.7	8.0	7.4	7.6	8.8	7.4	7.9	7.7	7.4	7.6
12	8.4	7.3	7.7	7.9	7.3	7.6	8.7	7.0	7.8	7.9	7.3	7.5
13	7.7	7.3	7.4	8.3	7.2	7.7	8.7	7.0	7.8	8.4	7.2	7.6
14	7.9	7.2	7.5	8.1	7.3	7.5	8.5	6.7	7.6	8.5	7.3	7.8
15	8.8	7.3	7.9	8.4	7.2	7.6	8.9	7.0	7.8	---	---	---
16	8.4	7.5	8.0	8.4	7.2	7.9	8.4	7.4	7.8	---	---	---
17	7.7	7.3	7.5	8.2	7.3	7.7	8.8	7.3	7.6	---	---	---
18	8.0	7.2	7.5	8.4	7.0	7.8	9.3	7.4	7.8	---	---	---
19	8.7	7.2	8.0	8.4	7.3	7.7	8.8	7.3	8.1	---	---	---
20	8.4	7.4	7.8	8.7	7.2	7.6	8.7	7.8	8.2	---	---	---
21	8.4	7.6	7.9	8.4	7.3	7.8	8.6	7.3	8.0	---	---	---
22	8.5	7.5	7.9	7.4	7.0	7.1	8.5	7.1	7.6	---	---	---
23	8.8	7.5	8.1	7.6	7.2	7.4	7.8	7.0	7.2	---	---	---
24	9.0	7.7	8.4	8.4	7.2	7.7	8.3	7.1	7.6	---	---	---
25	9.1	8.2	8.8	7.9	7.3	7.6	8.1	7.2	7.5	---	---	---
26	8.8	7.9	8.5	8.5	7.0	7.6	8.8	7.2	8.0	---	---	---
27	8.8	7.6	8.2	8.6	7.2	8.0	8.8	7.2	8.0	8.9	7.4	8.4
28	9.0	7.5	8.1	8.6	7.0	7.9	8.3	7.0	7.6	8.5	7.4	8.1
29	8.7	7.2	7.8	8.8	7.0	7.8	8.4	6.8	7.6	8.4	7.4	8.0
30	8.4	6.9	7.5	8.7	7.4	7.9	8.5	7.1	7.9	8.4	7.5	8.0
31	---	---	---	8.9	7.2	8.1	8.9	6.8	7.8	---	---	---
MONTH	9.1	6.8	7.7	8.9	7.0	7.7	9.3	6.7	7.8	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, BOTTOM
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

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

NEUSE RIVER BASIN

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, BOTTOM—CONTINUED
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

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

NEUSE RIVER BASIN

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, TOP—CONTINUED
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.1	22.0	22.5	28.2	27.5	27.9	29.6	27.8	28.7	30.5	29.3	29.7
2	23.3	21.9	22.4	28.0	26.6	27.1	30.0	28.3	28.9	30.6	28.8	29.7
3	23.0	21.9	22.5	27.4	26.2	26.7	29.3	28.2	28.8	30.9	29.0	29.6
4	23.4	22.5	22.9	28.8	26.5	27.4	28.6	27.8	28.3	29.7	28.6	29.1
5	24.7	22.8	23.5	29.1	27.0	27.8	29.4	27.1	28.0	29.1	28.0	28.5
6	25.5	23.4	24.4	28.9	27.6	28.2	28.6	27.4	28.1	28.5	26.4	27.1
7	24.8	24.0	24.4	29.0	27.4	28.3	27.9	27.1	27.4	26.5	25.1	25.8
8	25.0	23.8	24.2	30.3	27.9	28.7	27.8	26.7	27.3	25.4	24.7	25.1
9	26.6	24.2	25.2	31.1	28.4	29.6	27.6	26.9	27.3	25.0	24.2	24.6
10	26.9	25.0	26.2	30.5	29.0	29.5	27.5	26.4	26.9	24.4	23.4	24.1
11	27.9	26.0	26.8	30.3	28.1	29.0	27.6	26.4	27.1	23.5	22.6	23.0
12	27.9	26.4	27.1	29.1	28.0	28.7	28.2	26.8	27.4	23.2	22.5	22.8
13	27.0	26.0	26.5	28.5	27.8	28.1	28.2	27.3	27.8	23.3	22.7	23.0
14	27.4	25.6	26.3	27.9	27.1	27.5	28.7	27.4	27.9	24.0	22.6	23.4
15	28.4	26.2	26.9	29.0	26.9	27.4	29.2	27.6	28.2	---	---	---
16	27.6	26.3	27.0	29.0	27.6	28.3	29.2	28.4	28.8	---	---	---
17	26.5	26.2	26.4	28.7	27.7	28.2	29.3	27.7	28.3	---	---	---
18	27.4	26.0	26.5	28.8	27.6	28.2	29.5	27.1	28.0	---	---	---
19	29.0	26.4	27.2	28.2	27.3	27.8	28.8	27.6	28.3	---	---	---
20	27.9	26.8	27.2	29.0	26.8	27.6	28.9	27.9	28.4	---	---	---
21	27.6	26.4	27.0	28.9	27.3	28.1	29.5	28.2	28.6	---	---	---
22	26.9	25.8	26.4	28.8	27.4	28.0	29.8	28.1	28.7	---	---	---
23	27.8	25.8	26.5	27.9	26.9	27.5	29.2	28.2	28.6	---	---	---
24	28.5	26.2	27.2	27.9	26.3	27.1	28.9	27.9	28.3	---	---	---
25	29.7	27.0	28.3	27.3	26.5	26.9	29.0	27.4	28.0	---	---	---
26	28.4	26.7	27.7	28.7	26.6	27.4	29.8	27.8	28.6	---	---	---
27	29.0	26.9	27.9	29.6	27.4	28.5	30.5	28.1	29.1	25.9	24.8	25.1
28	28.9	27.1	27.9	29.0	27.7	28.4	29.9	28.2	29.0	25.6	24.4	25.1
29	29.8	27.3	28.1	30.2	27.5	28.5	30.0	28.2	29.1	25.5	23.6	24.4
30	28.9	27.6	28.2	29.5	27.9	28.6	30.3	28.7	29.3	23.6	22.4	23.0
31	---	---	---	29.3	28.0	28.6	30.7	28.5	29.3	---	---	---
MONTH	29.8	21.9	26.0	31.1	26.2	28.1	30.7	26.4	28.3	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, BOTTOM
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	25.5	24.9	25.2	18.1	16.1	17.0	10.6	9.7	10.1	---	---	---
2	25.7	25.0	25.3	16.5	15.6	16.2	10.7	9.5	10	---	---	---
3	26.1	25.1	25.4	17.1	15.0	15.8	10.4	8.8	9.4	---	---	---
4	26.1	25.3	25.5	16.2	14.6	15.2	9.4	7.4	8.1	---	---	---
5	25.9	25.3	25.5	16.6	14.4	15.0	8.3	7.1	7.7	---	---	---
6	26.3	25.3	25.9	15.5	14.4	15.2	7.9	6.9	7.5	---	---	---
7	26.3	25.7	26.0	---	---	---	8.2	7.0	7.6	---	---	---
8	26.4	24.9	25.6	---	---	---	8.3	7.2	7.7	---	---	---
9	25.2	23.9	24.5	---	---	---	8.0	6.5	7.3	---	---	---
10	24.6	24.0	24.4	---	---	---	7.7	6.6	7.1	---	---	---
11	---	---	---	---	---	---	7.7	6.7	7.1	---	---	---
12	24.4	24.0	24.2	---	---	---	7.5	7.1	7.2	---	---	---
13	24.2	23.8	24.1	---	---	---	7.8	7.2	7.4	---	---	---
14	24.4	22.9	23.7	---	---	---	8.4	7.8	8.1	---	---	---
15	---	---	---	---	---	---	8.5	7.7	7.8	---	---	---
16	---	---	---	---	---	---	8.4	7.6	8.0	---	---	---
17	---	---	---	---	---	---	8.2	7.5	7.8	5.9	5.2	5.7
18	21.5	20.7	21.2	---	---	---	---	---	---	5.3	4.4	4.9
19	21.3	20.1	21.0	---	---	---	8.6	7.6	8.0	5.4	2.9	4.6
20	21.4	20.6	21.1	---	---	---	---	---	---	5.9	3.5	4.7
21	21.1	20.6	21.0	---	---	---	9.6	8.6	9.3	5.3	4.8	5.0
22	21.0	19.7	20.7	---	---	---	---	---	---	4.9	4.3	4.7
23	20.6	19.8	20.3	---	---	---	---	---	---	4.3	2.1	3.4
24	20.5	18.4	19.1	---	---	---	---	---	---	2.4	1.3	2.0
25	19.1	18.2	18.6	---	---	---	---	---	---	2.4	0.8	1.7
26	19.4	18.6	18.9	14.4	13.4	14.0	---	---	---	2.4	1.6	2.0
27	19.5	19.2	19.3	14.1	12.8	13.7	---	---	---	2.5	1.5	1.9
28	19.6	19.1	19.3	13.8	12.0	13.2	---	---	---	2.6	1.8	2.3
29	19.5	19.0	19.3	12.9	10.6	11.8	---	---	---	3.4	2.4	2.9
30	19.4	18.1	18.8	11.3	10.3	10.7	---	---	---	3.6	2.8	3.3
31	18.2	17.4	17.9	---	---	---	---	---	---	4.3	3.5	3.9
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	4.5	4.0	4.2	10.6	9.4	9.7	---	---	---	18.7	17.1	17.6
2	4.9	3.9	4.3	10.5	9.5	10	---	---	---	21.1	17.2	19.0
3	5.4	3.4	4.0	10.3	9.4	9.9	17.1	14.5	15.5	21.6	18.6	20.2
4	7.0	3.5	5.1	11.4	10.1	10.6	17.5	15.4	16.2	20.5	18.8	20.0
5	6.6	5.7	6.2	12.0	9.6	11.1	17.9	16.2	16.9	19.7	18.9	19.3
6	6.6	6.1	6.3	11.5	10.0	10.7	17.9	16.4	17.0	20.9	18.2	19.5
7	6.7	6.3	6.5	10.1	9.7	9.8	16.9	16.1	16.4	21.3	19.0	20.3
8	6.7	6.2	6.4	10.6	9.8	10.1	16.7	15.4	16.1	22.4	19.6	21.1
9	6.7	6.3	6.4	---	---	---	15.5	14.5	15.0	24.6	18.7	20.9
10	7.0	6.3	6.7	---	---	---	---	---	---	24.3	19.4	21.5
11	6.8	6.1	6.5	---	---	---	---	---	---	24.9	19.2	21.7
12	7.4	6.1	6.6	---	---	---	---	---	---	23.9	22.0	23.3
13	6.9	6.0	6.6	---	---	---	---	---	---	23.1	22.0	22.4
14	6.7	6.2	6.5	---	---	---	---	---	---	22.8	21.3	22.0
15	7.7	6.6	7.2	---	---	---	---	---	---	22.4	21.7	22.0
16	7.8	7.3	7.5	---	---	---	---	---	---	22.7	21.6	21.9
17	7.4	6.9	7.2	---	---	---	---	---	---	23.1	21.8	22.2
18	7.1	6.4	6.8	---	---	---	---	---	---	21.8	21.0	21.4
19	7.6	6.5	7.0	---	---	---	---	---	---	21.0	20.0	20.6
20	7.7	7.2	7.4	---	---	---	---	---	---	21.1	19.4	20.3
21	8.0	7.2	7.7	---	---	---	---	---	---	21.8	20.7	21.0
22	10.8	7.5	9.3	---	---	---	---	---	---	21.9	20.5	21.1
23	10.8	10.0	10.3	---	---	---	---	---	---	21.6	20.8	21.0
24	10.8	10.2	10.5	---	---	---	---	---	---	21.9	20.6	20.9
25	10.2	9.5	9.9	---	---	---	17.9	17.2	17.5	22.1	20.8	21.2
26	9.7	9.3	9.5	---	---	---	18.1	16.9	17.4	22.3	21.0	21.6
27	9.5	9.1	9.3	---	---	---	19.2	17.2	18.3	23.3	21.0	22.4
28	9.6	9.2	9.4	---	---	---	18.8	17.8	18.3	23.4	21.9	22.5
29	---	---	---	---	---	---	19.5	16.9	17.9	23.2	22.4	22.9
30	---	---	---	---	---	---	18.6	17.0	17.5	23.4	22.2	22.5
31	---	---	---	---	---	---	---	---	---	23.3	21.9	22.7
MONTH	10.8	3.4	7.2	---	---	---	---	---	---	24.9	17.1	21.2

NEUSE RIVER BASIN

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, BOTTOM—CONTINUED
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.2	22.1	22.5	28.1	26.1	27.1	28.0	27.2	27.5	29.0	27.9	28.2
2	23.0	21.9	22.3	27.7	26.6	27.0	28.1	27.4	27.8	28.5	27.8	28.1
3	23.3	22.0	22.5	27.1	26.3	26.6	28.6	27.5	27.9	29.0	27.7	28.3
4	23.2	22.2	22.7	27.7	26.5	26.9	28.4	27.5	27.9	28.8	27.9	28.3
5	24.4	22.6	23.3	28.6	27.0	27.6	27.9	27.4	27.7	28.9	28.0	28.5
6	24.5	22.8	23.5	28.5	27.5	28.0	28.1	27.6	27.8	28.6	26.4	27.4
7	24.2	22.5	23.2	29.0	27.3	28.2	28.0	27.4	27.8	26.5	25.1	26.0
8	24.5	23.4	23.8	28.9	27.8	28.3	27.8	27.1	27.5	25.5	24.8	25.2
9	25.1	23.4	24.2	30.4	28.3	29.1	27.8	27.1	27.6	25.2	24.3	24.7
10	25.1	22.9	24.1	29.9	28.6	29.2	27.7	27.1	27.5	24.4	23.8	24.1
11	25.4	22.7	24.1	30.0	28.2	28.9	27.5	26.8	27.3	24.1	22.7	23.1
12	25.0	22.6	23.9	29.1	28.0	28.6	27.5	27.2	27.4	23.4	22.6	22.9
13	26.6	23.2	24.4	28.6	27.8	28.2	27.6	27.4	27.5	23.2	23.0	23.0
14	26.5	24.2	25.7	28.0	27.0	27.6	27.8	27.4	27.6	23.8	23.0	23.2
15	27.2	25.3	26.1	27.7	27.3	27.5	27.9	27.4	27.7	---	---	---
16	27.6	25.6	26.6	28.3	27.5	27.7	28.7	27.3	27.6	---	---	---
17	26.5	26.0	26.3	28.1	27.4	27.7	27.9	27.2	27.5	---	---	---
18	26.7	25.6	26.2	28.2	27.6	27.9	27.9	27.2	27.4	---	---	---
19	27.4	25.8	26.5	28.1	27.5	27.8	28.5	27.2	27.6	---	---	---
20	27.2	26.2	26.6	27.6	27.4	27.6	28.7	27.8	28.3	---	---	---
21	27.4	26.2	26.8	27.8	27.5	27.6	28.5	28.1	28.3	---	---	---
22	26.8	25.7	26.2	28.8	27.5	27.9	28.4	27.3	28.2	---	---	---
23	26.6	25.4	26.0	28.0	27.0	27.7	28.8	27.2	28.0	---	---	---
24	27.2	25.8	26.3	27.4	26.4	27.0	28.4	27.4	27.9	---	---	---
25	26.7	25.6	26.2	27.2	27.0	27.1	28.0	27.5	27.7	---	---	---
26	27.7	26.0	26.8	27.3	26.9	27.1	28.0	27.4	27.7	---	---	---
27	28.2	26.7	27.1	28.2	27.1	27.4	28.0	27.3	27.6	25.1	24.5	24.8
28	27.7	26.1	27.1	28.4	27.1	27.7	28.1	27.3	27.7	25.5	24.6	25.0
29	27.4	26.0	26.8	28.1	27.1	27.7	28.4	27.5	27.8	25.5	24.2	24.7
30	27.4	26.2	26.8	28.4	27.3	27.7	28.5	27.6	27.9	24.2	23.0	23.5
31	---	---	---	28.2	27.3	27.8	28.5	27.8	28.1	---	---	---
MONTH	28.2	21.9	25.2	30.4	26.1	27.7	28.8	26.8	27.7	---	---	---

NEUSE RIVER BASIN

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, TOP—CONTINUED
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.8	6.5	7.6	6.5	3.0	5.3	10.3	3.1	7.3	7.5	2.5	5.4
2	10.4	7.0	8.1	6.2	3.9	5.0	10.3	2.8	5.5	11.0	0.1	5.4
3	9.5	7.4	8.5	7.9	3.7	5.8	10.8	1.8	5.6	10.6	0.6	5.4
4	8.2	6.9	7.8	12.1	5.5	7.5	10.0	1.9	5.8	9.0	0.1	4.9
5	9.2	6.6	7.9	8.0	4.8	6.6	12.0	2.3	7.0	6.9	3.3	5.3
6	8.9	6.1	8.2	6.2	3.6	4.8	---	---	---	7.2	4.7	5.7
7	8.1	6.3	7.4	5.5	3.3	4.5	---	---	---	7.0	4.6	5.7
8	6.8	5.4	6.2	9.9	3.8	6.3	---	---	---	6.5	5.2	5.8
9	8.6	5.6	6.9	10.0	6.0	7.8	---	---	---	7.9	5.4	6.3
10	8.1	6.0	7.4	9.3	4.8	7.1	---	---	---	6.5	5.7	6.2
11	8.7	6.1	7.8	6.9	5.2	6.0	---	---	---	6.7	5.8	6.1
12	8.6	6.2	7.4	7.1	5.0	6.0	---	---	---	6.8	4.3	5.7
13	7.2	5.4	6.4	8.2	4.4	6.2	8.4	1.8	4.9	8.2	3.7	5.2
14	7.6	4.8	6.2	7.6	4.5	5.7	7.7	1.2	4.5	7.9	3.7	5.5
15	9.6	5.7	7.3	9.3	4.5	6.3	9.2	1.7	5.9	---	---	---
16	8.1	5.2	7.0	8.4	4.0	6.9	---	---	---	---	---	---
17	6.0	4.6	5.4	7.8	5.0	6.3	---	---	---	---	---	---
18	6.8	3.8	5.5	8.0	2.9	6.3	---	---	---	---	---	---
19	8.5	4.0	6.5	8.2	4.8	6.2	---	---	---	---	---	---
20	8.2	4.8	6.4	9.3	4.1	6.4	---	---	---	---	---	---
21	8.0	5.8	6.8	8.1	5.0	6.6	9.1	5.5	7.1	---	---	---
22	8.4	5.8	6.9	5.6	2.6	4.0	9.5	5.2	7.5	---	---	---
23	10.3	6.0	7.6	6.6	4.8	5.6	8.0	5.7	6.6	---	---	---
24	11.0	7.6	8.9	9.4	4.5	6.4	8.6	5.6	7.1	---	---	---
25	11.4	8.5	10.0	6.9	4.4	6.1	8.4	5.6	6.8	---	---	---
26	9.2	7.0	8.4	8.0	3.4	5.8	10.1	5.6	8.0	---	---	---
27	9.2	5.7	7.6	7.9	3.9	6.6	10.2	4.6	7.9	11.2	5.0	8.3
28	10.3	3.5	7.2	8.8	3.0	6.6	8.7	3.8	6.8	8.9	6.0	7.6
29	8.2	1.9	5.7	10.0	3.6	6.5	8.8	0.2	5.7	8.9	6.4	7.6
30	7.8	1.6	5.1	9.6	4.1	6.8	9.0	3.7	7.1	9.0	6.4	8.0
31	---	---	---	10.6	3.1	7.6	13.5	0.8	6.6	---	---	---
MONTH	11.4	1.6	7.2	12.1	2.6	6.2	---	---	---	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	9.0	6.7	7.7	---	---	---
2	3.2	0.8	1.7	---	---	---	9.1	5.0	6.9	---	---	---
3	3.9	0.6	1.4	---	---	---	10.5	5.6	8.5	---	---	---
4	3.9	0.7	1.7	---	---	---	9.8	7.4	9.1	---	---	---
5	2.7	0.1	0.9	8.1	3.5	6.8	10.3	7.8	8.9	---	---	---
6	4.4	0.0	2.2	7.9	5.7	7.2	9.8	7.4	8.4	---	---	---
7	4.0	0.2	2.2	---	---	---	9.4	6.3	7.8	---	---	---
8	4.8	0.5	3.6	---	---	---	9.3	5.7	7.2	---	---	---
9	5.3	2.8	4.2	---	---	---	11.3	6.2	8.7	---	---	---
10	5.0	3.7	4.4	---	---	---	10.7	6.9	8.7	---	---	---
11	---	---	---	---	---	---	10.8	6.7	8.9	---	---	---
12	4.0	0.6	3.0	---	---	---	9.7	7.4	8.8	---	---	---
13	3.8	0.1	1.6	---	---	---	10.8	7.4	9.2	---	---	---
14	5.3	0.0	2.8	---	---	---	11.3	9.1	10.5	---	---	---
15	---	---	---	---	---	---	11.8	7.9	9.6	---	---	---
16	---	---	---	---	---	---	12.4	7.6	9.7	---	---	---
17	---	---	---	---	---	---	13.1	8.0	10.3	10.8	10.2	10.5
18	---	---	---	---	---	---	---	---	---	11.1	10.2	10.5
19	---	---	---	---	---	---	13.2	8.3	10.7	11.2	9.4	10.6
20	---	---	---	---	---	---	---	---	---	10.9	9.9	10.4
21	---	---	---	---	---	---	12.0	10.0	11.2	10.8	10.2	10.5
22	---	---	---	---	---	---	---	---	---	11.0	10.4	10.6
23	---	---	---	---	---	---	---	---	---	11.2	10.6	10.8
24	---	---	---	---	---	---	---	---	---	11.4	10.8	11.1
25	---	---	---	---	---	---	---	---	---	11.7	11.0	11.3
26	---	---	---	8.8	3.2	4.8	---	---	---	11.7	10.4	11.2
27	---	---	---	8.4	2.8	4.3	---	---	---	12.2	10.4	11.6
28	---	---	---	7.4	3.4	4.4	---	---	---	12.0	10.7	11.3
29	---	---	---	9.4	3.7	6.2	---	---	---	11.8	10.5	11.1
30	---	---	---	8.6	5.6	7.5	---	---	---	11.7	10.0	11.0
31	---	---	---	---	---	---	---	---	---	11.9	11.4	11.7
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.9	10.5	11.6	12.3	8.6	10.5	---	---	---	2.7	0.2	0.8
2	12.1	10.9	11.5	11.7	7.8	10.3	---	---	---	6.6	0.2	2.9
3	11.9	9.4	10.8	11.9	9.3	11.0	9.1	7.6	8.3	7.6	1.5	4.8
4	11.2	10.1	10.7	11.8	9.3	10.9	9.3	8.0	8.5	7.8	1.4	6.8
5	11.8	10.5	11.1	11.2	5.3	9.9	9.0	8.0	8.5	7.4	2.5	6.0
6	11.7	10.8	11.2	10.2	7.7	9.4	8.6	7.4	8.3	7.7	0.0	5.0
7	11.5	10.9	11.3	10.8	8.1	9.7	8.5	7.8	8.2	7.8	1.9	5.8
8	12.5	10.8	11.3	10.3	6.4	8.3	8.6	7.6	8.2	8.6	2.4	5.7
9	12.9	10.2	11.4	---	---	---	8.8	7.6	8.5	9.2	0.6	3.8
10	13.6	10.1	11.5	---	---	---	---	---	---	8.9	0.9	4.2
11	13.3	11.1	12.2	---	---	---	---	---	---	8.6	0.6	3.5
12	13.0	12.2	12.6	---	---	---	---	---	---	8.5	2.9	6.7
13	13.4	12.2	12.7	---	---	---	---	---	---	8.7	7.3	8.0
14	13.5	12.0	12.8	---	---	---	---	---	---	8.3	3.9	6.9
15	13.9	11.0	12.7	---	---	---	---	---	---	7.3	2.3	5.8
16	12.5	11.3	12.0	---	---	---	---	---	---	9.2	2.0	6.1
17	11.9	11.2	11.6	---	---	---	---	---	---	8.6	2.9	6.6
18	12.4	10.6	11.5	---	---	---	---	---	---	7.1	6.3	6.8
19	12.7	10.2	12.0	---	---	---	---	---	---	8.0	5.8	7.3
20	12.7	10.3	11.9	---	---	---	---	---	---	9.1	7.3	8.0
21	13.1	10.5	12.4	---	---	---	---	---	---	8.6	5.1	7.5
22	12.7	9.2	10.5	---	---	---	---	---	---	8.6	3.0	5.4
23	10.2	8.9	9.5	---	---	---	---	---	---	7.6	3.4	6.3
24	10.6	9.4	10.1	---	---	---	---	---	---	9.4	5.8	7.1
25	11.4	9.9	10.6	---	---	---	7.5	3.7	5.2	7.7	4.6	6.3
26	11.5	10.5	10.9	---	---	---	7.6	1.9	4.2	7.4	2.8	5.7
27	11.5	8.8	10.4	---	---	---	8.0	2.7	5.4	7.8	2.5	6.2
28	12.2	9.1	10.4	---	---	---	7.1	3.2	5.1	8.9	5.8	7.3
29	---	---	---	---	---	---	6.1	0.7	2.9	8.1	5.0	6.9
30	---	---	---	---	---	---	3.7	0.6	1.3	10.0	5.0	7.3
31	---	---	---	---	---	---	---	---	---	8.7	2.0	6.5
MONTH	13.9	8.8	11.4	---	---	---	---	---	---	10.0	0.0	5.9

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM—CONTINUED
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.6	6.0	7.2	6.2	0.1	2.2	0.3	0.1	0.1	1.1	0.0	0.1
2	9.2	5.0	7.2	5.3	0.3	3.3	0.5	0.1	0.1	0.2	0.0	0.0
3	8.4	5.5	7.6	7.0	1.9	4.6	1.5	0.1	0.2	0.6	0.0	0.1
4	7.7	4.5	6.3	7.8	3.4	5.7	3.2	0.1	0.3	3.3	0.1	0.3
5	8.3	3.2	6.7	6.7	5.4	5.9	2.5	0.1	0.3	6.1	0.1	3.1
6	7.9	3.6	5.8	6.5	3.5	5.5	1.5	0.0	0.2	6.9	2.2	5.2
7	6.1	0.6	3.4	6.8	3.0	5.7	3.6	0.1	0.6	7.2	2.7	5.1
8	6.5	3.3	5.1	9.0	4.5	6.3	4.2	0.1	0.9	6.8	3.8	5.7
9	7.1	2.6	5.2	8.7	3.5	6.6	5.9	0.0	0.8	8.4	4.1	6.1
10	6.1	0.6	3.6	7.7	2.3	5.8	4.3	0.1	0.5	7.4	6.2	7.0
11	5.8	0.1	2.6	6.6	4.8	5.8	1.8	0.1	0.2	7.6	5.1	6.7
12	3.4	0.0	1.4	6.2	4.5	5.5	5.1	0.1	1.2	7.4	4.2	6.2
13	6.9	0.0	1.9	6.6	2.7	5.3	3.2	0.1	1.1	6.5	3.1	4.9
14	7.0	0.6	4.8	5.9	2.2	4.5	0.4	0.0	0.1	9.7	2.5	4.4
15	8.1	1.1	5.0	6.1	1.5	3.4	2.1	0.0	0.5	---	---	---
16	8.7	2.2	6.2	5.4	1.3	2.4	6.0	0.0	0.3	---	---	---
17	6.2	4.3	5.5	5.8	1.0	3.3	2.2	0.0	0.2	---	---	---
18	6.2	2.2	4.9	5.0	0.2	2.9	4.8	0.0	1.0	---	---	---
19	7.5	1.2	4.4	6.4	1.2	4.1	4.7	0.0	0.9	---	---	---
20	6.0	2.8	4.0	5.1	0.1	1.0	8.4	1.7	5.6	---	---	---
21	7.7	2.3	5.9	0.9	0.0	0.2	7.7	2.5	5.4	---	---	---
22	8.2	4.3	6.2	5.5	0.0	2.3	4.9	0.1	2.1	---	---	---
23	7.6	4.4	6.0	6.3	2.8	4.8	6.5	0.1	1.3	---	---	---
24	9.0	3.1	6.2	8.9	2.1	5.2	3.2	0.1	0	---	---	---
25	6.4	0.4	3.7	6.3	2.5	4.7	5.7	0.1	2.8	---	---	---
26	8.3	1.0	5.2	5.3	0.6	2.6	2.5	0.1	0.5	---	---	---
27	7.9	2.6	5.1	4.5	0.5	2.6	0.1	0.0	0.1	7.4	3.0	4.7
28	6.7	0.1	3.4	5.9	0.1	2.4	0.1	0.0	0.1	8.6	3.0	6.5
29	1.5	0.0	0.5	3.2	0.2	1.4	0.4	0.0	0.1	8.1	5.5	6.9
30	1.5	0.0	0.3	4.6	0.2	1.2	0.2	0.0	0.1	8.1	4.2	6.8
31	---	---	---	3.3	0.1	0.9	0.1	0.0	0.1	---	---	---
MONTH	9.2	0.0	4.7	9.0	0.0	3.8	8.4	0.0	0.9	---	---	---

NEUSE RIVER BASIN

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, TOP—CONTINUED
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	103	76	88	84	38	68	136	40	95	100	33	72
2	122	80	94	79	49	63	136	36	72	147	1	72
3	111	86	98	100	46	73	142	23	73	142	8	72
4	96	80	91	157	69	96	129	25	75	118	1	64
5	111	77	94	104	62	85	155	29	91	90	43	69
6	109	72	98	81	46	62	---	---	---	90	60	72
7	98	75	88	71	42	58	---	---	---	86	57	70
8	82	65	74	131	49	82	---	---	---	79	63	70
9	107	67	85	133	77	104	---	---	---	96	65	76
10	102	73	92	125	63	94	---	---	---	77	68	74
11	111	76	98	92	68	79	---	---	---	78	68	72
12	110	77	93	92	65	77	---	---	---	80	50	67
13	91	67	80	106	57	80	107	23	63	96	43	61
14	96	59	77	96	57	73	99	15	57	94	43	65
15	124	71	92	119	57	80	120	22	76	---	---	---
16	103	65	88	109	51	89	---	---	---	---	---	---
17	75	57	67	101	64	80	---	---	---	---	---	---
18	85	47	69	104	37	81	---	---	---	---	---	---
19	110	50	82	106	61	79	---	---	---	---	---	---
20	105	60	81	121	53	81	---	---	---	---	---	---
21	102	72	85	104	63	84	119	71	92	---	---	---
22	105	72	86	72	33	51	126	68	98	---	---	---
23	132	74	94	84	61	72	105	74	86	---	---	---
24	142	95	113	119	56	81	112	72	91	---	---	---
25	149	108	130	87	56	76	110	71	88	---	---	---
26	119	88	107	104	43	74	134	72	104	---	---	---
27	120	72	98	104	50	85	137	60	103	138	60	101
28	133	44	93	114	38	85	114	50	89	109	72	92
29	108	24	73	132	46	84	116	3	74	107	77	91
30	101	20	65	126	53	88	120	48	93	105	75	93
31	---	---	---	139	40	98	178	10	86	---	---	---
MONTH	149	20	89	157	33	79	---	---	---	---	---	---

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	80	60	69	---	---	---
2	39	10	21	---	---	---	80	45	61	---	---	---
3	48	7	18	---	---	---	92	50	74	---	---	---
4	48	9	21	---	---	---	83	64	77	---	---	---
5	33	1	11	80	36	68	86	66	75	---	---	---
6	55	0	27	78	57	72	82	62	70	---	---	---
7	49	2	27	---	---	---	78	53	66	---	---	---
8	58	6	44	---	---	---	77	48	61	---	---	---
9	64	34	50	---	---	---	93	52	73	---	---	---
10	60	44	52	---	---	---	88	58	72	---	---	---
11	---	---	---	---	---	---	89	56	73	---	---	---
12	48	7	36	---	---	---	80	62	73	---	---	---
13	45	1	20	---	---	---	90	62	77	---	---	---
14	63	0	33	---	---	---	97	77	89	---	---	---
15	---	---	---	---	---	---	101	67	81	---	---	---
16	---	---	---	---	---	---	105	64	82	---	---	---
17	---	---	---	---	---	---	110	68	87	86	82	84
18	---	---	---	---	---	---	---	---	---	87	79	82
19	---	---	---	---	---	---	111	71	91	87	75	82
20	---	---	---	---	---	---	---	---	---	87	78	81
21	---	---	---	---	---	---	105	87	98	85	80	82
22	---	---	---	---	---	---	---	---	---	86	81	83
23	---	---	---	---	---	---	---	---	---	84	80	82
24	---	---	---	---	---	---	---	---	---	83	79	81
25	---	---	---	---	---	---	---	---	---	84	79	81
26	---	---	---	84	31	46	---	---	---	84	76	81
27	---	---	---	80	27	42	---	---	---	88	76	84
28	---	---	---	69	33	42	---	---	---	87	78	82
29	---	---	---	85	35	57	---	---	---	89	78	82
30	---	---	---	78	51	68	---	---	---	88	75	83
31	---	---	---	---	---	---	---	---	---	91	86	89
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	91	81	89	111	75	92	---	---	---	29	2	8
2	94	84	89	105	68	91	---	---	---	74	2	32
3	92	71	83	106	82	97	94	75	84	87	16	54
4	89	76	84	108	83	98	97	81	87	86	15	75
5	96	84	90	103	47	90	95	83	88	81	27	66
6	95	87	91	94	69	85	91	76	87	86	0	55
7	94	88	92	95	72	86	88	79	84	88	21	64
8	102	88	92	92	57	74	87	78	83	98	26	65
9	106	83	93	---	---	---	87	76	84	111	6	43
10	112	82	94	---	---	---	---	---	---	106	10	48
11	108	90	99	---	---	---	---	---	---	104	7	40
12	107	99	103	---	---	---	---	---	---	101	33	79
13	110	99	104	---	---	---	---	---	---	101	85	92
14	110	98	105	---	---	---	---	---	---	96	44	79
15	117	90	105	---	---	---	---	---	---	84	26	67
16	105	94	101	---	---	---	---	---	---	106	23	70
17	99	93	96	---	---	---	---	---	---	101	33	76
18	102	88	94	---	---	---	---	---	---	81	71	77
19	105	84	99	---	---	---	---	---	---	90	64	81
20	107	85	99	---	---	---	---	---	---	103	80	89
21	110	87	105	---	---	---	---	---	---	98	58	85
22	107	82	91	---	---	---	---	---	---	98	33	61
23	92	79	85	---	---	---	---	---	---	87	38	71
24	96	85	91	---	---	---	---	---	---	108	65	79
25	101	87	94	---	---	---	79	39	55	88	52	71
26	100	92	96	---	---	---	80	20	44	85	32	64
27	100	77	91	---	---	---	87	28	58	92	28	71
28	107	79	91	---	---	---	76	34	55	105	67	85
29	---	---	---	---	---	---	65	7	31	95	58	81
30	---	---	---	---	---	---	40	6	13	117	58	84
31	---	---	---	---	---	---	---	---	---	102	23	75
MONTH	117	71	94	---	---	---	---	---	---	117	0	67

NEUSE RIVER BASIN

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM—CONTINUED
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	101	69	83	80	1	28	4	1	1	14	0	1
2	108	57	83	67	4	42	6	1	2	3	0	0
3	99	63	88	88	24	58	19	1	3	8	0	2
4	90	52	74	98	43	71	41	1	3	43	1	3
5	100	37	78	87	68	76	32	1	4	79	1	40
6	95	42	69	84	45	71	19	0	2	86	28	66
7	73	7	40	89	38	73	46	1	7	89	34	64
8	78	39	60	117	58	81	53	1	12	83	46	70
9	86	31	62	116	45	87	75	0	10	102	50	74
10	74	7	44	102	30	76	54	1	6	89	74	83
11	71	1	31	88	63	76	23	1	2	89	60	79
12	41	0	16	81	58	72	65	1	15	86	49	72
13	86	0	23	85	35	68	41	1	14	76	36	57
14	87	7	60	75	28	57	5	0	1	115	29	52
15	102	13	63	77	19	43	27	0	6	---	---	---
16	111	27	78	70	17	31	78	0	4	---	---	---
17	77	53	68	74	13	41	28	0	3	---	---	---
18	78	27	61	64	3	37	61	0	13	---	---	---
19	95	15	55	82	15	52	61	0	11	---	---	---
20	76	35	50	65	1	13	109	22	72	---	---	---
21	98	29	75	11	0	3	100	32	69	---	---	---
22	103	53	77	72	0	29	63	1	27	---	---	---
23	95	54	74	80	36	61	85	1	16	---	---	---
24	113	38	77	112	27	66	41	1	13	---	---	---
25	80	5	46	80	32	59	73	1	36	---	---	---
26	106	12	65	67	8	33	32	1	7	---	---	---
27	102	33	64	58	6	33	1	0	0	90	36	57
28	85	1	43	76	1	31	1	0	0	105	36	79
29	19	0	6	41	3	18	5	0	1	97	66	84
30	19	0	4	59	3	16	3	0	0	96	50	80
31	---	---	---	42	1	12	1	0	0	---	---	---
MONTH	113	0	57	117	0	49	109	0	12	---	---	---