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

EXTREMES FOR CURRENT YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY (TOP), ppt	20.9, October 15	0.2, June 6, 7
SALINITY (BOTTOM), ppt	21.4, October 5, 6, 21	0.6, June 5, 6
pH (TOP), standard units	9.3, August 18	6.7, May 2, August 14
pH (BOTTOM), standard units	8.9, May 16, 17, 28	6.6, on several days during the year
WATER TEMPERATURE (TOP), °C	31.1, July 9	0.2, January 25
WATER TEMPERATURE (BOTTOM), °C	30.4, July 9	0.8, January 25
DISSOLVED OXYGEN (TOP), mg/L	15.6, February 9	<1.0, August 29, 31, September 2, 3, 4
DISSOLVED OXYGEN (BOTTOM), mg/L	14.0, December 18	< 1.0, on many days during the year
DISSOLVED OXYGEN, PERCENT SATURATION (TOP),%	178, August 31	<10, August 29, September 2, 3, 4
DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM),%	117, February 15, May 30, July 8	< 10, on many days during the year

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER	₹	N	OVEMBE	ER	D	ECEMBE	ER		JANUARY	Y
1 2	18.8 18.0	17.7 14.9	18.0 16.3	15.9 15.5	11.8 14.1	13.4 14.7	12.9 12.4	12.2 12.0	12.5 12.2			
3	16.7	14.0	15.1	15.9	14.4	15.1	13.0	12.2	12.6			
4	19.1	14.5	16.2	15.6	14.3	14.8	13.0	12.6	12.8			
5	18.6	15.5	16.4	15.7	14.3	14.9	13.6	12.1	12.7			
6	18.1	15.7	16.9	15.9	14.5	15.1	13.4	11.1	12.1			
7	18.6	17.3	18.0				12.3	10.9	11.5			
8	18.8	17.5	18.1				11.8	10.9	11.4			
9	19.3	18.0	18.6				12.2	10.2	11.1			
10	19.0	18.5	18.7				10.7	8.3	9.9			
11							9.8	8.0	8.9			
12	18.8	17.6	18.0				11.8	9.3	10.5			
13	18.2	16.6	17.5				12.9	10.5	11.7			
14	18.4	16.5	17.6				12.1	11.7	11.9			
15							12.4	10.3	11.6			
16							10.7	9.7	10.2			
17							11.2	9.8	10.2	12.0	11.3	11.6
18	18.4	16.4	17.0							12.0	11.5	11.8
19	18.5	12.8	16.3				10.8	9.6	10.3	12.7	11.8	12.1
20	15.0	12.9	14.1							13.0	11.8	12.6
21	15.4	12.9	13.7				11.1	8.8	10.3	12.8	11.9	12.6
22	13.8	12.3	13.4							12.6	12.4	12.5
23	13.5	11.5	12.6							13.0	10.0	12.2
24	17.2	12.8	15.3							12.8	10.0	11.4
25	17.1	15.5	16.2							12.2	10.6	11.1
26	16.3	13.3	14.8	13.1	9.0	10.4				11.2	9.4	10.1
27	15.8	13.3	14.7	10.0	4.3	7.4				10.5	9.3	9.7
28	16.0	14.5	15.4	8.6	4.7	6.6				11.3	9.7	10.2
29	15.7	14.6	15.1	11.3	7.3	9.7				12.0	10.3	11.1
30	15.1	13.4	14.4	12.8	10.9	12.1				12.1	11.2	11.7
31	13.7	12.1	12.9							12.0	10.1	11.7
MONTH												

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9—Continued

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

DAY	3.6.37	MINI	MEAN			MEAN			MEAN	3.4.37	A CINT	MEAN
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1 2 3 4 5	11.3 12.2 12.7 16.7 14.9	9.3 9.4 9.7 11.6 11.9	9.7 10.1 10.8 14.3 13.1	5.0 5.8 5.7 5.1 5.1	2.3 1.9 4.0 3.4 3.3	3.6 3.4 4.9 4.1 3.8	3.7 3.4 3.6	APRIL 2.6 2.7 2.5	3.1 3.0 3.1	2.7 3.4 2.2 2.6 2.0	MAY 0.9 1.1 0.8 1.3 1.3	1.6 2.0 1.4 1.9 1.5
6 7 8 9 10	14.1 13.3 11.4 10.9 13.5	11.7 11.4 10.0 8.3 8.5	13.0 12.4 10.7 9.7 10.3	5.9 4.7 3.5 	4.0 3.3 2.5	4.9 4.0 3.0	5.7 5.9 3.9 4.7	2.3 2.8 2.9 2.5	4.0 4.6 3.4 3.5	2.0 1.8 2.0 2.0 4.2	1.2 1.0 1.0 1.2 1.4	1.6 1.3 1.4 1.4 2.2
11 12 13 14 15	11.7 11.7 11.5 11.2 11.3	10.7 11.1 10.7 10.3 9.7	11.3 11.2 11.0 10.7 10.5	 	 	 	 	 	 	3.6 4.3 4.9 5.1 5.4	2.2 2.9 3.7 4.1 4.3	2.9 3.7 4.3 4.3
16 17 18 19 20	11.5 10.6 9.9 9.8 9.9	10.5 7.7 7.8 7.9 6.7	11.0 8.7 8.6 8.6 7.9	 	 	 	 	 	 	5.1 5.2 5.4 6.1 5.6	4.3 4.4 4.6 4.7 4.5	4.7 5.0 4.9 5.4 4.8
21 22 23 24 25	9.7 9.5 8.6 9.0 9.0	6.4 4.2 5.9 6.4 6.3	7.8 7.5 7.5 8.1 7.5	 	 	 	 4.0	 0.7	1.5	4.8 4.9 5.1 4.9 4.0	4.2 4.0 4.5 3.1 2.5	4.6 4.4 4.8 4.0 3.2
26 27 28 29 30	6.5 5.4 5.0 	4.0 2.7 2.8	6.2 3.6 4.1	 	 	 	2.3 1.7 1.6 1.6 2.4	0.9 0.9 0.7 0.6 0.6	1.2 1.1 0.9 0.8 1.3	4.0 4.1 3.7 2.2	2.5 2.4 1.7 1.4	3.1 3.4 2.7 1.8
31										2.4	1.1	1.5
MONTH	16.7	2.7	9.5									
		JUNE			TT IT 37					α.	CDTC1 (DI	PD .
		JUNE			JULY			AUGUST		S.	EPTEMBE	ZK.
1 2 3 4 5	1.9 1.9 2.0 1.7 1.8	1.2 1.4 0.8 0.8 0.5	1.6 1.7 1.3 1.2 0.9	4.7 5.3 5.3 5.5 5.5	3.6 3.6 4.2 4.4 4.7	3.9 4.4 4.8 4.9 5.1	8.1 8.8 9.0 8.8 9.5	3.6 5.9 5.7 5.3 4.5	5.8 7.4 7.4 6.8 6.5	8.8 10.8 10.0 11.1 10.4	5.9 6.4 7.2 7.5 7.3	7.2 7.7 8.1 8.9 9.1
2 3 4	1.9 2.0 1.7	1.2 1.4 0.8 0.8	1.7 1.3 1.2	5.3 5.3 5.5	3.6 3.6 4.2 4.4	4.4 4.8 4.9	8.1 8.8 9.0 8.8	3.6 5.9 5.7 5.3	5.8 7.4 7.4 6.8	8.8 10.8 10.0 11.1	5.9 6.4 7.2 7.5	7.2 7.7 8.1 8.9
2 3 4 5 6 7 8 9	1.9 2.0 1.7 1.8 2.0 1.2 2.0 1.4	1.2 1.4 0.8 0.8 0.5 0.2 0.2 0.9	1.7 1.3 1.2 0.9 0.5 0.6 1.4 0.9	5.3 5.3 5.5 5.2 5.2 5.3 5.1 5.0	3.6 3.6 4.2 4.4 4.7 4.2 3.8 4.0 3.4	4.4 4.8 4.9 5.1 4.8 4.6 4.6 4.2	8.1 8.8 9.0 8.8 9.5 8.5 10.5 10.3 9.9	3.6 5.9 5.7 5.3 4.5 5.4 7.5 7.5 6.4	5.8 7.4 7.4 6.8 6.5 7.0 8.6 8.4 8.1	8.8 10.8 10.0 11.1 10.4 10.9 10.9 7.5	5.9 6.4 7.2 7.5 7.3 7.8 8.4 7.4 6.4	7.2 7.7 8.1 8.9 9.1 8.5 9.0 9.5 6.9
2 3 4 5 6 7 8 9 10 11 12 13 14	1.9 2.0 1.7 1.8 2.0 1.2 2.0 1.4 2.3 2.4 2.5 3.3 3.7	1.2 1.4 0.8 0.8 0.5 0.2 0.2 0.9 0.7 0.7 0.7 2.8 1.5 2.4	1.7 1.3 1.2 0.9 0.5 0.6 1.4 0.9 1.0 1.3 2.2 3.2	5.3 5.3 5.5 5.2 5.2 5.3 5.1 5.0 5.1 5.3 5.5 5.5	3.6 3.6 4.2 4.4 4.7 4.2 3.8 4.0 3.4 3.5 4.4 4.8 3.7 3.8	4.4 4.8 4.9 5.1 4.8 4.6 4.6 4.2 4.1 4.9 5.2 4.8 4.9	8.1 8.8 9.0 8.8 9.5 8.5 10.5 10.3 9.9 9.3 8.4 8.5 7.3 6.4	3.6 5.9 5.7 5.3 4.5 5.4 7.5 7.5 6.4 6.1 4.5 4.6 4.2 2.9	5.8 7.4 7.4 6.8 6.5 7.0 8.6 8.4 8.1 7.8 6.2 6.2 5.9	8.8 10.8 10.0 11.1 10.4 10.9 10.9 7.5 7.0 7.4 8.3 9.2 9.7	5.9 6.4 7.2 7.5 7.3 7.8 8.4 7.4 6.4 5.9 5.9 6.0 7.2 7.9	7.2 7.7 8.1 8.9 9.1 8.5 9.0 9.5 6.9 6.5 6.3 6.7 8.1 8.7
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	1.9 2.0 1.7 1.8 2.0 1.2 2.0 1.4 2.3 2.4 2.5 3.3 3.7 3.9 4.6 4.8 4.3 3.8	1.2 1.4 0.8 0.8 0.5 0.2 0.2 0.9 0.7 0.7 0.7 0.8 1.5 2.4 2.3 2.7 4.0 2.4 1.8	1.7 1.3 1.2 0.9 0.5 0.6 1.4 0.9 1.0 1.3 2.2 3.2 3.0 3.5 4.4 3.1 2.4	5.3 5.5 5.2 5.2 5.3 5.1 5.0 5.1 5.3 5.5 5.5 5.4 4.4 3.4 3.1 3.5 3.3	3.6 3.6 4.2 4.4 4.7 4.2 3.8 4.0 3.4 3.5 4.4 4.8 3.7 3.8 2.7 2.3 1.9 2.0 2.0	4.4 4.8 4.9 5.1 4.8 4.6 4.6 4.2 4.1 4.9 5.2 4.8 4.9 3.5 2.6 2.4 2.3 2.8	8.1 8.8 9.0 8.8 9.5 8.5 10.5 10.3 9.9 9.3 8.4 8.5 7.3 6.4 4.6 4.0 7.5 7.3 7.2	3.6 5.9 5.7 5.3 4.5 5.4 7.5 6.4 6.1 4.5 4.6 4.2 2.9 1.8 1.6 2.2 3.8 4.8	5.8 7.4 7.4 6.8 6.5 7.0 8.6 8.4 8.1 7.8 6.2 6.2 5.9 4.5 3.0 2.6 3.9 5.1 6.0	8.8 10.8 10.0 11.1 10.4 10.9 10.9 7.5 7.0 7.4 8.3 9.2 9.7	5.9 6.4 7.2 7.5 7.3 7.8 8.4 7.4 6.4 5.9 6.0 7.2 7.9 	7.2 7.7 8.1 8.9 9.1 8.5 9.0 9.5 6.9 6.5 6.3 6.7 8.1 8.7
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	1.9 2.0 1.7 1.8 2.0 1.4 2.3 2.4 2.5 3.3 3.7 3.9 4.6 4.8 4.3 3.8 2.8 2.6 2.5 3.2 2.7	1.2 1.4 0.8 0.8 0.5 0.2 0.2 0.9 0.7 0.7 0.7 0.7 2.4 2.3 2.7 4.0 2.4 1.8 1.6 1.6 1.8	1.7 1.3 1.2 0.9 0.5 0.6 1.4 0.9 1.0 1.3 2.2 3.0 3.5 4.4 2.1 1.7 1.9 2.2 2.1	5.3 5.3 5.5 5.2 5.2 5.3 5.1 5.0 5.1 5.3 5.5 5.5 5.4 4.4 3.1 3.5 3.3 3.3 3.4 9.0 7.1 7.0	3.6 3.6 4.2 4.4 4.7 4.2 3.8 4.0 3.4 3.5 4.4 4.8 3.7 3.8 2.7 2.3 1.9 2.0 1.7 2.1 3.4 4.6 4.4	4.4 4.8 4.9 5.1 4.8 4.6 4.6 4.2 4.1 4.9 5.2 4.8 4.9 3.5 2.6 2.4 2.3 2.8 2.2 2.7 6.5 5.4 5.7	8.1 8.8 9.0 8.8 9.5 8.5 10.5 10.3 9.9 9.3 8.4 8.5 7.3 6.4 4.6 4.0 7.5 7.3 7.2 6.7 6.1 3.4 3.8 3.7	3.6 5.9 5.7 5.3 4.5 5.4 7.5 7.5 6.4 6.1 4.5 4.6 4.2 2.9 1.8 1.6 2.2 3.8 4.8 5.7 3.2 1.2 1.3 2.3	5.8 7.4 7.4 6.8 6.5 7.0 8.6 8.4 8.1 7.8 6.2 6.2 5.9 4.5 3.0 2.6 3.9 5.1 6.0 6.1	8.8 10.8 10.0 11.1 10.4 10.4 10.9 10.9 7.5 7.0 7.4 8.3 9.2 9.7	5.9 6.4 7.2 7.5 7.3 7.8 8.4 7.4 6.4 5.9 5.9 6.0 7.2 7.9	7.2 7.7 8.1 8.9 9.1 8.5 9.0 9.5 6.9 6.5 6.3 6.7 8.1 8.7

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

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER		N	OVEMBE	R	D	ECEMBE	R		JANUARY	
1 2	8.2 8.4	7.8 8.0	8.0 8.2	7.9 7.9	7.7 7.7	7.8 7.8	7.6 7.7	7.5 7.5	7.6 7.6			
3 4	8.4 8.4	8.2 7.9	8.3 8.2	7.9 8.1	7.7 7.8	7.8 7.9	7.8 7.8	7.6 7.7	7.7 7.7			
5	8.4	7.9	8.2	8.0	7.9	8.0	7.8	7.7	7.7			
6 7	8.4 8.3	8.0 8.0	8.2 8.1	8.0	7.6	7.8 	7.8 8.0	7.6 7.6	7.7 7.8			
8 9	8.2 8.1	8.0 8.0	8.1 8.0				8.1 8.0	7.8 7.9	7.9 8.0			
10	8.0	8.0	8.0				8.0	7.8	7.9			
11 12	8.0	7.9	8.0				7.9 8.0	7.7 7.6	7.8 7.8			
13 14	8.1 8.2	7.8 7.9	8.0 8.0				7.9 7.8	7.6 7.6	7.7 7.7			
15							8.0	7.7	7.8			
16 17							8.2 8.3	7.9 8.0	8.0 8.1	8.1	8.0	8.1
18 19	8.1 8.2	7.9 7.9	8.0 8.0				8.8	8.6	8.7	8.1 8.0	7.9 7.9	8.0 8.0
20 21	8.2 8.1	8.0 8.0	8.1 8.0				8.6	8.4	8.5	7.9 7.9	7.8 7.8	7.9 7.8
22 23	8.1 8.1	7.9	8.0 8.0						0.J 	7.9 7.9 7.9	7.8 7.6	7.8 7.8 7.8
24 25	8.1 7.8	7.9 7.8 7.7	7.9 7.8							7.9 7.8 7.7	7.6 7.5	7.6 7.6 7.6
26	8.0	7.7	7.8	8.3	7.8	8.1				7.7	7.6	7.6
27 28	8.0 7.9	7.8 7.8	7.9 7.8	8.3 7.9	7.5 7.4	8.1 7.6				7.7 7.7	7.6 7.6	7.6 7.6
29 30	7.8 7.8	7.7 7.7	7.8 7.7	8.0 7.8	7.7 7.6	7.8 7.7				7.7 7.7 7.7	7.6 7.6	7.7 7.7
31	7.8	7.7	7.8							7.7	7.6	7.7
MONTH												
WONTH												
		FEBRUARY	7		MARCH			APRIL			MAY	
1 2	7.8 7.9	FEBRUARY 7.7 7.7	7.7 7.8	8.5 8.5	MARCH 8.2 8.1	8.4 8.3		APRIL		7.4 8.1	MAY 6.9 6.7	7.1 7.3
1 2 3 4	7.8 7.9 8.0 7.8	7.7 7.7 7.7 7.7 7.5	7.7 7.8 7.8 7.6	8.5 8.5 8.4 8.5	MARCH 8.2 8.1 8.1 8.2	8.4 8.3 8.3 8.3	 7.7 7.8	APRIL 7.2 7.3	7.3 7.4	7.4 8.1 7.5 7.4	MAY 6.9 6.7 7.1 7.1	7.1 7.3 7.3 7.2
1 2 3 4 5	7.8 7.9 8.0 7.8 7.9	7.7 7.7 7.7 7.7 7.5 7.5	7.7 7.8 7.8 7.6 7.7	8.5 8.5 8.4 8.5 8.4	8.2 8.1 8.1 8.2 7.8	8.4 8.3 8.3 8.3 8.3	 7.7 7.8 7.7	APRIL 7.2 7.3 7.3	7.3 7.4 7.5	7.4 8.1 7.5 7.4 7.5	MAY 6.9 6.7 7.1 7.1	7.1 7.3 7.3 7.2 7.2
1 2 3 4 5	7.8 7.9 8.0 7.8 7.9 7.8 7.9	7.7 7.7 7.7 7.5 7.5 7.5 7.7	7.7 7.8 7.8 7.6 7.7 7.8 7.8	8.5 8.5 8.4 8.5 8.4 7.9 8.3	8.2 8.1 8.1 8.2 7.8 7.6 7.6	8.4 8.3 8.3 8.3 8.3 7.8 7.9	 7.7 7.8 7.7 7.6 7.5	APRIL 7.2 7.3 7.3 7.3 7.3	7.3 7.4 7.5 7.5 7.4	7.4 8.1 7.5 7.4 7.5 7.7 8.0	MAY 6.9 6.7 7.1 7.1 7.1 7.1 7.3	7.1 7.3 7.3 7.2 7.2 7.3 7.6
1 2 3 4 5 6 7 8 9	7.8 7.9 8.0 7.8 7.9 7.8 7.9 8.3 8.5	7.7 7.7 7.7 7.5 7.5 7.5 7.7 8 7.8 8.1	7.7 7.8 7.8 7.6 7.7 7.8 7.8 8.0 8.3	8.5 8.5 8.4 8.5 8.4 7.9 8.3 8.6	8.2 8.1 8.1 8.2 7.8 7.6 7.6 8.0	8.4 8.3 8.3 8.3 8.3 7.8 7.9 8.3	7.7 7.8 7.7 7.6 7.5 7.5	APRIL 7.2 7.3 7.3 7.3 7.3 7.3 7.3 7.3	7.3 7.4 7.5 7.5 7.4 7.4 7.4	7.4 8.1 7.5 7.4 7.5 7.7 8.0 8.7 8.7	MAY 6.9 6.7 7.1 7.1 7.1 7.1 7.3 7.3 7.5	7.1 7.3 7.3 7.2 7.2 7.3 7.6 7.8 8.2
1 2 3 4 5 6 7 8 9	7.8 7.9 8.0 7.8 7.9 7.8 7.9 8.3 8.5 8.5	7.7 7.7 7.7 7.5 7.5 7.5 7.7 7.8 7.8 8.1 7.8	7.7 7.8 7.8 7.6 7.7 7.8 7.8 8.0 8.3 8.2	8.5 8.5 8.4 8.5 8.4 7.9 8.3 8.6	MARCH 8.2 8.1 8.1 8.2 7.8 7.6 7.6 8.0	8.4 8.3 8.3 8.3 8.3 7.8 7.9	7.7 7.8 7.7 7.6 7.5	APRIL 7.2 7.3 7.3 7.3 7.3 7.3	7.3 7.4 7.5 7.5 7.4 7.4	7.4 8.1 7.5 7.4 7.5 7.7 8.0 8.7 8.7 8.9	MAY 6.9 6.7 7.1 7.1 7.1 7.1 7.3 7.3 7.5 7.1	7.1 7.3 7.3 7.2 7.2 7.3 7.6 7.8 8.2 8.0
1 2 3 4 5 6 7 8 9 10	7.8 7.9 8.0 7.8 7.9 7.8 7.9 8.3 8.5 8.5 8.5	7.7 7.7 7.7 7.5 7.5 7.5 7.7 7.8 7.8 8.1 7.8 7.8	7.7 7.8 7.8 7.6 7.7 7.8 7.8 8.0 8.3 8.2 8.0 7.9	8.5 8.4 8.5 8.4 7.9 8.3 8.6	MARCH 8.2 8.1 8.1 8.2 7.8 7.6 7.6 8.0	8.4 8.3 8.3 8.3 8.3 7.8 7.9 8.3	7.7 7.8 7.7 7.6 7.5 7.5	APRIL 7.2 7.3 7.3 7.3 7.3 7.3 7.3 7.3	7.3 7.4 7.5 7.5 7.4 7.4 7.4	7.4 8.1 7.5 7.4 7.5 7.7 8.0 8.7 8.7 8.9 8.3 8.0	MAY 6.9 6.7 7.1 7.1 7.1 7.1 7.3 7.3 7.5 7.1 7.3 7.2	7.1 7.3 7.3 7.2 7.2 7.3 7.6 7.8 8.2 8.0 7.8 7.6
1 2 3 4 5 6 7 8 9 10 11 12 13	7.8 7.9 8.0 7.8 7.9 7.8 7.9 8.3 8.5 8.5 8.1 8.0 8.1 8.3	7.7 7.7 7.7 7.5 7.5 7.5 7.7 7.8 8.1 7.8 7.8 7.8 7.8 7.8	7.7 7.8 7.8 7.6 7.7 7.8 8.0 8.3 8.2 8.0 7.9 8.0 8.1	8.5 8.5 8.4 8.5 8.4 7.9 8.3 8.6	8.2 8.1 8.1 8.2 7.8 7.6 7.6 8.0	8.4 8.3 8.3 8.3 8.3 7.8 7.9 8.3	7.7 7.8 7.7 7.6 7.5 7.5 7.5	APRIL 7.2 7.3 7.3 7.3 7.3 7.3 7.3	7.3 7.4 7.5 7.5 7.4 7.4 7.4 7.4	7.4 8.1 7.5 7.4 7.5 7.7 8.0 8.7 8.7 8.9 8.3 8.0 7.9 8.5	MAY 6.9 6.7 7.1 7.1 7.1 7.1 7.3 7.3 7.5 7.1 7.3 7.4 7.4	7.1 7.3 7.3 7.2 7.2 7.3 7.6 7.8 8.2 8.0 7.8 7.6 7.6 7.6
1 2 3 4 5 6 7 8 9 10	7.8 7.9 8.0 7.8 7.9 7.8 7.9 8.3 8.5 8.5 8.1 8.3 8.3 8.3	7.7 7.7 7.7 7.5 7.5 7.5 7.7 7.8 8.1 7.8 7.8 7.8 7.8	7.7 7.8 7.8 7.6 7.7 7.8 8.0 8.3 8.2 8.0 7.9 8.0	8.5 8.5 8.4 8.5 8.4 7.9 8.3 8.6	8.2 8.1 8.1 8.2 7.8 7.6 7.6 8.0 	8.4 8.3 8.3 8.3 8.3 7.8 7.9 8.3	7.7 7.8 7.7 7.6 7.5 7.5 7.5	APRIL 7.2 7.3 7.3 7.3 7.3 7.3 7.3	7.3 7.4 7.5 7.5 7.4 7.4 7.4 	7.4 8.1 7.5 7.4 7.5 7.7 8.0 8.7 8.7 8.9 8.3 8.0 7.9	MAY 6.9 6.7 7.1 7.1 7.1 7.1 7.3 7.3 7.5 7.1 7.3 7.4	7.1 7.3 7.3 7.2 7.2 7.3 7.6 7.8 8.2 8.0 7.8 7.6 7.6 7.6 7.8 7.9
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	7.8 7.9 8.0 7.8 7.9 7.8 7.9 8.3 8.5 8.5 8.5 8.1 8.0 8.1 8.3 8.3	7.7 7.7 7.7 7.5 7.5 7.5 7.7 7.8 7.8 8.1 7.8 7.8 7.8 7.8 9.0 8.0	7.7 7.8 7.8 7.6 7.7 7.8 8.0 8.3 8.2 8.0 7.9 8.0 8.1 8.2	8.5 8.5 8.4 8.5 8.4 7.9 8.3 8.6	8.2 8.1 8.1 8.2 7.8 7.6 7.6 8.0 	8.4 8.3 8.3 8.3 7.8 7.9 8.3 	7.7 7.8 7.7 7.6 7.5 7.5 7.5 7.5	APRIL 7.2 7.3 7.3 7.3 7.3 7.3	7.3 7.4 7.5 7.5 7.4 7.4 7.4 	7.4 8.1 7.5 7.4 7.5 7.7 8.0 8.7 8.7 8.9 8.3 8.0 7.9 8.5 8.3	MAY 6.9 6.7 7.1 7.1 7.1 7.1 7.3 7.5 7.1 7.3 7.2 7.4 7.4 7.4 7.5 7.3 7.5 7.7	7.1 7.3 7.3 7.2 7.2 7.3 7.6 7.8 8.2 8.0 7.6 7.6 7.6 7.6 7.6 7.9
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	7.8 7.9 8.0 7.8 7.9 7.8 7.9 8.3 8.5 8.5 8.1 8.0 8.1 8.3 8.3	7.7 7.7 7.7 7.5 7.5 7.5 7.8 7.8 8.1 7.8 7.8 7.8 8.9 8.0 8.0	7.7 7.8 7.8 7.6 7.7 7.8 8.0 8.3 8.2 8.0 7.9 8.0 8.1 8.2 8.0 8.1	8.5 8.4 8.5 8.4 7.9 8.3 8.6 	8.2 8.1 8.1 8.2 7.8 7.6 7.6 8.0 	8.4 8.3 8.3 8.3 7.8 7.9 8.3 	7.7 7.8 7.7 7.6 7.5 7.5 7.5 7.5	APRIL 7.2 7.3 7.3 7.3 7.3 7.3 7.3	7.3 7.4 7.5 7.5 7.4 7.4 7.4 7.4 	7.4 8.1 7.5 7.4 7.5 7.7 8.0 8.7 8.7 8.9 8.3 8.0 7.9 8.5 8.3	MAY 6.9 6.7 7.1 7.1 7.1 7.1 7.3 7.3 7.5 7.1 7.3 7.5 7.1 7.3 7.2 7.4 7.4 7.5 7.4	7.1 7.3 7.2 7.2 7.2 7.3 7.6 7.8 8.2 8.0 7.8 7.6 7.8 7.6 7.8 7.9
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	7.8 7.9 8.0 7.8 7.9 7.8 7.9 8.3 8.5 8.5 8.1 8.0 8.1 8.3 8.3 8.3 8.5 8.5	7.7 7.7 7.7 7.7 7.5 7.5 7.5 7.8 8.1 7.8 8.1 7.8 7.8 8.0 8.0 8.0 8.0 8.0 8.2 8.3	7.7 7.8 7.8 7.6 7.7 7.8 8.0 8.3 8.2 8.0 7.9 8.0 8.1 8.2 8.0 8.0 8.3	8.5 8.5 8.4 8.5 8.4 7.9 8.3 8.6 	8.2 8.1 8.1 8.2 7.8 7.6 7.6 8.0 	8.4 8.3 8.3 8.3 8.3 7.8 7.9 8.3 	7.7 7.8 7.7 7.6 7.5 7.5 7.5	APRIL 7.2 7.3 7.3 7.3 7.3 7.3	7.3 7.4 7.5 7.5 7.4 7.4 7.4 	7.4 8.1 7.5 7.4 7.5 7.7 8.0 8.7 8.7 8.9 8.3 8.0 7.9 8.5 8.3 8.8 8.5 7.6 7.9 8.1	MAY 6.9 6.7 7.1 7.1 7.1 7.1 7.3 7.5 7.1 7.3 7.2 7.4 7.4 7.4 7.5 7.4 7.3 7.5 7.7 7.8	7.1 7.3 7.3 7.2 7.2 7.3 7.6 7.8 8.2 8.0 7.8 7.6 7.6 7.8 7.9 8.2 7.7 7.4 7.6 7.8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	7.8 7.9 8.0 7.8 7.9 8.3 8.5 8.5 8.1 8.3 8.3 8.3 8.1 8.2 8.3 8.5 8.5	7.7 7.7 7.7 7.5 7.5 7.5 7.7 7.8 7.8 8.1 7.8 8.1 7.8 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 7.9 8.0 8.2 8.3 7.3	7.7 7.8 7.8 7.6 7.7 7.8 8.0 8.3 8.2 8.0 7.9 8.0 8.1 8.2 8.0 8.0 8.3 8.2	8.5 8.4 8.5 8.4 7.9 8.3 8.6 	8.2 8.1 8.1 8.2 7.8 7.6 7.6 8.0 	8.4 8.3 8.3 8.3 7.8 7.9 8.3 	7.7 7.8 7.7 7.6 7.5 7.5 7.5	APRIL 7.2 7.3 7.3 7.3 7.3 7.3 7.3	 7.3 7.4 7.5 7.5 7.4 7.4 7.4 	7.4 8.1 7.5 7.4 7.5 7.7 8.0 8.7 8.7 8.9 8.3 8.0 7.9 8.5 8.3 8.5 7.6 7.9 8.1	MAY 6.9 6.7 7.1 7.1 7.1 7.1 7.3 7.3 7.5 7.1 7.3 7.5 7.1 7.3 7.5 7.4 7.4 7.5 7.4 7.5 7.8 7.7 7.8 7.1	7.1 7.3 7.2 7.2 7.2 7.3 7.6 7.8 8.2 8.0 7.8 7.6 7.6 7.8 7.9 8.2 7.7 7.4 7.8 8.2 7.7
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	7.8 7.9 8.0 7.8 7.9 7.8 7.9 8.3 8.5 8.5 8.1 8.3 8.3 8.1 8.2 8.3 8.5 8.5	7.7 7.7 7.7 7.7 7.5 7.5 7.5 7.7 7.8 7.8 8.1 7.8 8.1 7.8 7.8 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8	7.7 7.8 7.8 7.8 7.6 7.7 7.8 8.0 8.3 8.2 8.0 7.9 8.0 8.1 8.2 8.0 8.0 8.3 8.2	8.5 8.5 8.4 8.5 8.4 7.9 8.3 8.6 	8.2 8.1 8.1 8.2 7.8 7.6 7.6 8.0 	8.4 8.3 8.3 8.3 7.8 7.9 8.3 	7.7 7.8 7.7 7.6 7.5 7.5 7.5	APRIL 7.2 7.3 7.3 7.3 7.3 7.3	7.3 7.4 7.5 7.5 7.4 7.4 7.4	7.4 8.1 7.5 7.4 7.5 7.7 8.0 8.7 8.7 8.9 8.3 8.0 7.9 8.5 8.3 8.5 7.6 7.9 8.1	MAY 6.9 6.7 7.1 7.1 7.1 7.1 7.3 7.3 7.5 7.1 7.3 7.2 7.4 7.4 7.4 7.5 7.4 7.5 7.7 7.8 7.7 7.8 7.9	7.1 7.3 7.3 7.2 7.2 7.3 7.6 7.8 8.2 8.0 7.6 7.6 7.8 7.9 8.2 7.7 7.4 7.6 7.8 8.1 8.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	7.8 7.9 8.0 7.8 7.9 8.3 8.5 8.5 8.1 8.0 8.1 8.2 8.3 8.5 8.5 8.5 8.1 8.2 8.3 8.5 8.5	7.7 7.7 7.7 7.5 7.5 7.5 7.7 7.8 7.8 8.1 7.8 8.1 7.8 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 7.9 8.0 8.2 8.3 7.3 7.4 7.7 7.8 7.9	7.7 7.8 7.8 7.6 7.7 7.8 8.0 8.3 8.2 8.0 7.9 8.0 8.1 8.2 8.0 8.0 8.3 8.2 8.0 8.0 8.0 8.3 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0	8.5 8.4 8.5 8.4 7.9 8.3 8.6 	8.2 8.1 8.1 8.2 7.8 7.6 7.6 8.0 	8.4 8.3 8.3 8.3 7.8 7.9 8.3 	7.7 7.8 7.7 7.6 7.5 7.5 7.5 7.5	APRIL 7.2 7.3 7.3 7.3 7.3 7.3 7.3 7.0	7.3 7.4 7.5 7.5 7.4 7.4 7.4	7.4 8.1 7.5 7.4 7.5 7.7 8.0 8.7 8.7 8.9 8.3 8.0 7.9 8.5 8.3 8.5 7.6 7.9 8.1 8.4 8.4 8.6 8.7	MAY 6.9 6.7 7.1 7.1 7.1 7.1 7.3 7.3 7.5 7.1 7.3 7.5 7.4 7.4 7.5 7.4 7.3 7.5 7.8 7.4 7.7 7.3 7.5 7.8 7.7 7.3 7.7 7.3 7.5 7.8 7.7 7.8 7.7 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9	7.1 7.3 7.2 7.2 7.2 7.3 7.6 7.8 8.2 8.0 7.8 7.6 7.6 7.8 7.9 8.2 7.7 7.4 7.6 7.8 8.1 8.0 7.9
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	7.8 7.9 8.0 7.8 7.9 8.3 8.5 8.5 8.1 8.0 8.1 8.2 8.3 8.5 8.5 8.5 8.1 8.2 8.3 8.5 8.5 8.5	7.7 7.7 7.7 7.7 7.5 7.5 7.5 7.7 7.8 7.8 8.1 7.8 7.8 7.8 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 7.9 8.0 8.2 8.3 7.3 7.4 7.7 7.8 7.9 7.8	7.7 7.8 7.8 7.6 7.7 7.8 8.0 8.3 8.2 8.0 7.9 8.0 8.1 8.2 8.0 8.0 8.2 8.0 8.0 8.1 8.2 8.0 8.0 8.0 8.1 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0	8.5 8.4 8.5 8.4 7.9 8.3 8.6 	8.2 8.1 8.1 8.2 7.8 7.6 7.6 8.0 	8.4 8.3 8.3 8.3 7.8 7.9 8.3 	7.7 7.8 7.7 7.6 7.5 7.5 7.5	APRIL 7.2 7.3 7.3 7.3 7.3 7.3 7.3	7.3 7.4 7.5 7.5 7.4 7.4 7.4	7.4 8.1 7.5 7.4 7.5 7.7 8.0 8.7 8.7 8.9 8.3 8.0 7.9 8.5 8.3 8.8 8.5 7.6 7.9 8.1 8.4 8.4 8.6 8.7	MAY 6.9 6.7 7.1 7.1 7.1 7.1 7.3 7.5 7.1 7.3 7.2 7.4 7.4 7.4 7.5 7.4 7.3 7.5 7.8 7.4 7.1 7.2 7.4 7.1 7.2 7.4 7.2	7.1 7.3 7.3 7.2 7.2 7.3 7.6 7.8 8.2 8.0 7.8 7.6 7.8 7.9 8.2 7.7 7.4 7.6 7.8 8.1 8.0 7.8 8.1 8.0 7.8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	7.8 7.9 8.0 7.8 7.9 8.3 8.5 8.5 8.1 8.3 8.3 8.3 8.1 8.2 8.3 8.5 8.4 8.4 7.9 8.0 8.2 8.2 8.2	7.7 7.7 7.7 7.5 7.5 7.5 7.7 7.8 7.8 7.8 8.1 7.8 7.8 8.0 8.0 8.0 8.0 8.0 8.0 8.0 7.9 8.0 8.0 8.0 7.9 8.0 8.0 7.9 8.0 8.0 7.9 8.0 8.0 8.0 7.9 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0	7.7 7.8 7.8 7.6 7.7 7.8 8.0 8.3 8.2 8.0 7.9 8.0 8.1 8.2 8.0 8.0 8.0 8.3 8.2 8.0 8.0 8.0 8.0 8.3 8.2	8.5 8.4 8.5 8.4 7.9 8.3 8.6 	MARCH 8.2 8.1 8.1 8.2 7.8 7.6 7.6 8.0	8.4 8.3 8.3 8.3 7.8 7.9 8.3 	7.7 7.8 7.7 7.6 7.5 7.5 7.5 7.5 7.2 7.6 8.0 8.2 7.6	APRIL 7.2 7.3 7.3 7.3 7.3 7.3 7.3 7.0 7.1 7.2 7.2 7.1 6.9	7.3 7.4 7.5 7.5 7.4 7.4 7.4 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.4 8.1 7.5 7.4 7.5 7.7 8.0 8.7 8.7 8.9 8.3 8.0 7.9 8.5 8.3 8.5 7.6 7.9 8.1 8.4 8.4 8.0 8.6 8.7	MAY 6.9 6.7 7.1 7.1 7.1 7.1 7.3 7.3 7.5 7.1 7.3 7.5 7.4 7.4 7.5 7.4 7.3 7.5 7.8 7.4 7.1 7.2 7.4 7.3 7.5 7.8 7.7 7.2 7.4 7.7 7.3 7.5 7.8 7.7 7.2 7.4 7.3 7.5 7.8 7.7 7.2 7.4 7.3 7.1 7.2 7.4 7.3 7.1 7.2 7.4 7.3 7.1 7.2 7.4	7.1 7.3 7.2 7.2 7.3 7.6 7.8 8.2 8.0 7.8 7.6 7.6 7.6 7.7 7.4 7.7 7.9 8.0 7.5 7.7
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	7.8 7.9 8.0 7.8 7.9 7.8 7.9 8.3 8.5 8.5 8.1 8.0 8.1 8.2 8.3 8.5 8.5 8.5 8.1 8.2 8.3 8.5 8.5	7.7 7.7 7.7 7.7 7.5 7.5 7.5 7.5 7.7 7.8 8.1 7.8 8.1 7.8 7.9 8.0 8.0 8.0 8.0 8.0 8.0 8.0 7.9 8.0 8.2 8.3 7.3 7.4 7.7 7.8 7.9 7.7 7.8	7.7 7.8 7.8 7.6 7.7 7.8 8.0 8.3 8.2 8.0 7.9 8.0 8.1 8.2 8.0 8.0 8.2 8.3 8.2 8.0 8.0 8.2 8.0 8.2 8.0 8.2 8.0 8.2 8.0 8.2 8.0 8.2 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0	8.5 8.5 8.4 8.5 8.4 7.9 8.3 8.6 	MARCH 8.2 8.1 8.1 8.2 7.8 7.6 7.6 8.0	8.4 8.3 8.3 8.3 8.3 7.8 7.9 8.3 	7.7 7.8 7.7 7.6 7.5 7.5 7.5 7.5	APRIL 7.2 7.3 7.3 7.3 7.3 7.3 7.3 7.0 7.1 7.2 7.2 7.1	7.3 7.4 7.5 7.5 7.4 7.4 7.4 7.4 7.2 7.2 7.3 7.4 7.5	7.4 8.1 7.5 7.4 7.5 7.7 8.0 8.7 8.7 8.9 8.3 8.0 7.9 8.5 8.3 8.5 7.6 7.9 8.1 8.4 8.4 8.6 8.7	MAY 6.9 6.7 7.1 7.1 7.1 7.1 7.3 7.3 7.5 7.1 7.3 7.5 7.4 7.4 7.5 7.4 7.3 7.5 7.8 7.4 7.1 7.2 7.4 7.3 7.5 7.8 7.4 7.1 7.2 7.4 7.3 7.5 7.8 7.4 7.2 7.4 7.3 7.5 7.8 7.4 7.2 7.4 7.3 7.1 7.2 7.4 7.3 7.1 7.2 7.4	7.1 7.3 7.2 7.2 7.2 7.3 7.6 7.8 8.2 8.0 7.8 7.6 7.6 7.8 7.9 8.2 7.7 7.4 7.6 7.8 8.1 8.0 7.4 7.7 7.9 8.0 7.5 7.7

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

$0209265810 \ {\tt NEUSE} \ {\tt RIVER} \ {\tt AT} \ {\tt CHANNEL} \ {\tt LIGHT} \ 9{\tt -\!\!\!\!-\!\!\!\!-\!\!\!\!\!-} Continued$

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
		OCTOBER		N	OVEMBE	R	D	ECEMBE	R		JANUARY	
1 2	7.9 7.8	7.4 7.3	7.7 7.5	8.3 8.2	7.6 7.6	8.0 8.0	7.7 7.8	7.6 7.4	7.6 7.7			
3 4	7.8 7.8	7.2 7.2	7.4 7.4	8.0 8.1	7.5 7.6	7.7 7.8	7.8 7.9	7.6 7.7	7.7 7.8			
5	7.6	7.2	7.3	8.0	7.4	7.9	7.8	7.7	7.8			
6 7	8.0	7.1	7.5	8.0	7.6	7.8	7.8	7.6	7.7			
8	7.9 7.9	7.4 7.5	7.6 7.8				7.9 8.0	7.5 7.4	7.7 7.6			
9 10	7.8 7.8	7.5 7.6	7.7 7.7				7.9 7.9	7.4 7.5	7.7 7.7			
11							7.9	7.5	7.7			
12 13	7.7 7.6	7.3 7.2	7.6 7.4				7.8 7.8	7.6 7.5	7.7 7.7			
14 15	7.9 	7.2	7.6 				7.9 8.0	7.7 7.6	7.8 7.7			
16							8.1	7.5	7.8			
17 18	 7.9	7.4	 7.7				8.2	7.5	7.8	8.1 8.0	7.9 7.8	8.0 7.9
19 20	8.0 7.6	7.4 7.2	7.7 7.4				8.7	7.7	8.2	8.0 7.9	7.7 7.8	7.9 7.8
21	7.5	7.1	7.3				8.6	8.2	8.4	7.9	7.8	7.8
22 23	7.6 7.5	7.2 7.2	7.4 7.3							7.9 7.8	7.8 7.6	7.8 7.7
24 25	8.2 8.0	7.3	7.8 7.9							7.7	7.6	7.6
25 26	8.0	7.6 7.3	7.9	7.9	7.3	7.5				7.7 7.6	7.6 7.5	7.6 7.6
27	8.0	7.3	7.8	8.1	7.3	7.5				7.6	7.5	7.6
28 29	8.1 8.1	7.4 7.6	7.8 7.9	7.9 8.1	7.4 7.3	7.5 7.7				7.7 7.7	7.5 7.5	7.6 7.6
30 31	8.2 8.1	7.6 7.5	8.0 7.8	7.8	7.5	7.7 				7.6 7.7	7.4 7.6	7.6 7.7
MONTH												
111011111												
		FEBRUARY			MARCH			APRIL			MAY	
1	7.7	FEBRUARY 7.5	7.6	8.7	MARCH 7.8	8.2		APRIL		6.8	MAY 6.6	6.7
1 2 3	7.7 7.8 7.7	FEBRUARY 7.5 7.5 7.3	7.6 7.6 7.5	8.7 8.6 8.7	7.8 7.6 8.0	8.2 8.2 8.5	 8.2	APRIL 7.8	 8.0	6.8 7.0 7.3	MAY 6.6 6.6 6.6	6.7 6.7 6.9
1 2	7.7 7.8	FEBRUARY 7.5 7.5	7.6 7.6	8.7 8.6	MARCH 7.8 7.6	8.2 8.2		APRIL		6.8 7.0	MAY 6.6 6.6	6.7 6.7
1 2 3 4 5	7.7 7.8 7.7 7.7 7.8 7.8	7.5 7.5 7.3 7.4 7.5 7.6	7.6 7.6 7.5 7.5 7.6 7.7	8.7 8.6 8.7 8.7 8.5	7.8 7.6 8.0 8.1 7.3 7.6	8.2 8.2 8.5 8.4 8.1 7.9	8.2 8.4 8.3 8.2	APRIL 7.8 7.9 7.9 7.9	8.0 8.0 8.1 8.1	6.8 7.0 7.3 7.3 7.2	MAY 6.6 6.6 6.6 6.6 6.8 6.6	6.7 6.7 6.9 7.1 7.0
1 2 3 4 5	7.7 7.8 7.7 7.7 7.8 7.8 7.9 8.0	7.5 7.5 7.3 7.4 7.5 7.6 7.7 7.6	7.6 7.6 7.5 7.5 7.6 7.7 7.8 7.8	8.7 8.6 8.7 8.7 8.5 8.2 8.1 7.9	7.8 7.6 8.0 8.1 7.3 7.6 7.6 7.3	8.2 8.2 8.5 8.4 8.1 7.9 7.8 7.5	8.2 8.4 8.3 8.2 8.1 8.1	APRIL 7.8 7.9 7.9 7.9 8.0 7.9	8.0 8.0 8.1 8.1 8.0 8.0	6.8 7.0 7.3 7.3 7.2 7.2 7.4 7.7	MAY 6.6 6.6 6.6 6.8 6.6 6.6 6.6 6.6	6.7 6.7 6.9 7.1 7.0 6.9 6.9 7.1
1 2 3 4 5	7.7 7.8 7.7 7.7 7.8 7.8 7.9	7.5 7.5 7.5 7.3 7.4 7.5 7.6 7.7	7.6 7.6 7.5 7.5 7.6 7.7 7.8	8.7 8.6 8.7 8.7 8.5 8.2	7.8 7.6 8.0 8.1 7.3 7.6 7.6	8.2 8.2 8.5 8.4 8.1 7.9 7.8	8.2 8.4 8.3 8.2 8.1	APRIL 7.8 7.9 7.9 8.0	8.0 8.0 8.1 8.1	6.8 7.0 7.3 7.3 7.2 7.2 7.4	MAY 6.6 6.6 6.6 6.6 6.8 6.6 6.6	6.7 6.7 6.9 7.1 7.0 6.9 6.9
1 2 3 4 5 6 7 8	7.7 7.8 7.7 7.7 7.8 7.8 7.9 8.0 8.1	7.5 7.5 7.3 7.4 7.5 7.6 7.7 7.6 7.5	7.6 7.6 7.5 7.5 7.6 7.7 7.8 7.8 7.8	8.7 8.6 8.7 8.7 8.5 8.2 8.1 7.9	7.8 7.6 8.0 8.1 7.3 7.6 7.6 7.3	8.2 8.2 8.5 8.4 8.1 7.9 7.8 7.5	8.2 8.4 8.3 8.2 8.1 8.1 8.1	APRIL 7.8 7.9 7.9 7.9 8.0 7.9 7.9	8.0 8.0 8.1 8.1 8.0 8.0 8.0	6.8 7.0 7.3 7.3 7.2 7.2 7.4 7.7 8.4	MAY 6.6 6.6 6.6 6.8 6.6 6.6 6.6 6.8	6.7 6.9 7.1 7.0 6.9 6.9 7.1 7.1
1 2 3 4 5 6 7 8 9 10	7.7 7.8 7.7 7.8 7.8 7.9 8.0 8.1 8.4 8.1 8.2	7.5 7.5 7.3 7.4 7.5 7.6 7.7 7.6 7.5 7.5	7.6 7.6 7.5 7.5 7.6 7.7 7.8 7.8 7.8 7.9	8.7 8.6 8.7 8.7 8.5 8.2 8.1 7.9	7.8 7.6 8.0 8.1 7.3 7.6 7.6 7.3	8.2 8.2 8.5 8.4 8.1 7.9 7.8 7.5	8.2 8.4 8.3 8.2 8.1 8.1	APRIL 7.8 7.9 7.9 7.9 8.0 7.9 7.9	8.0 8.0 8.1 8.1 8.0 8.0	6.8 7.0 7.3 7.3 7.2 7.2 7.4 7.7 8.4 8.0 8.0 7.9	MAY 6.6 6.6 6.6 6.8 6.6 6.6 6.8 6.7	6.7 6.7 6.9 7.1 7.0 6.9 7.1 7.1 7.0 7.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14	7.7 7.8 7.7 7.7 7.8 7.8 7.9 8.0 8.1 8.4 8.1 8.2 8.2	7.5 7.5 7.5 7.3 7.4 7.5 7.6 7.7 7.6 7.5 7.5 7.7 7.9 8.0 8.0	7.6 7.6 7.5 7.5 7.6 7.7 7.8 7.8 7.8 7.9 8.0 8.1 8.1	8.7 8.6 8.7 8.7 8.5 8.2 8.1 7.9	7.8 7.6 8.0 8.1 7.3 7.6 7.6 7.6 7.3	8.2 8.2 8.5 8.4 8.1 7.9 7.8 7.5	8.2 8.4 8.3 8.2 8.1 8.1 8.1	APRIL 7.8 7.9 7.9 7.9 8.0 7.9 7.9	8.0 8.0 8.1 8.1 8.0 8.0 8.0	6.8 7.0 7.3 7.3 7.2 7.2 7.4 7.7 8.4 8.0 7.9 7.8 8.6	MAY 6.6 6.6 6.6 6.6 6.8 6.6 6.6 6.8 6.7 6.7 6.9 7.4 7.2	6.7 6.7 6.9 7.1 7.0 6.9 6.9 7.1 7.0 7.0 7.4 7.6 7.6
1 2 3 4 5 6 7 8 9 10	7.7 7.8 7.7 7.8 7.8 7.9 8.0 8.1 8.4 8.1 8.2 8.2 8.3 8.3	7.5 7.5 7.3 7.4 7.5 7.6 7.7 7.6 7.5 7.5 7.7 7.9 8.0	7.6 7.6 7.5 7.5 7.6 7.7 7.8 7.8 7.8 7.9 8.0 8.1 8.1	8.7 8.6 8.7 8.7 8.5 8.2 8.1 7.9	7.8 7.6 8.0 8.1 7.3 7.6 7.6 7.6 7.3 	8.2 8.2 8.5 8.4 8.1 7.9 7.8 7.5	8.2 8.4 8.3 8.2 8.1 8.1 8.1	APRIL 7.8 7.9 7.9 7.9 8.0 7.9 7.9	8.0 8.0 8.1 8.1 8.0 8.0 8.0	6.8 7.0 7.3 7.3 7.2 7.2 7.4 7.7 8.4 8.0 8.0 7.9 7.8	MAY 6.6 6.6 6.6 6.8 6.6 6.6 6.8 6.7 6.7 6.7 6.9 7.4	6.7 6.9 7.1 7.0 6.9 7.1 7.1 7.0 7.0 7.4
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	7.7 7.8 7.7 7.7 7.8 7.8 7.9 8.0 8.1 8.4 8.1 8.2 8.3 8.3	7.5 7.5 7.3 7.4 7.5 7.6 7.7 7.6 7.5 7.5 7.7 7.9 8.0 8.0 7.8	7.6 7.6 7.5 7.5 7.5 7.6 7.7 7.8 7.8 7.8 7.9 8.0 8.1 8.1 8.2 8.1	8.7 8.6 8.7 8.7 8.5 8.2 8.1 7.9	7.8 7.6 8.0 8.1 7.3 7.6 7.6 7.6 7.6 7.6 7.3	8.2 8.2 8.5 8.4 8.1 7.9 7.8 7.5 	8.2 8.4 8.3 8.2 8.1 8.1 8.1	APRIL 7.8 7.9 7.9 7.9 8.0 7.9 7.9	8.0 8.0 8.1 8.1 8.0 8.0 8.0	6.8 7.0 7.3 7.3 7.2 7.2 7.4 7.7 8.4 8.0 7.9 7.8 8.6 8.2 8.9	MAY 6.6 6.6 6.6 6.8 6.6 6.8 6.7 6.7 6.9 7.4 7.2 7.2 7.3 7.4	6.7 6.7 6.9 7.1 7.0 6.9 6.9 7.1 7.1 7.0 7.4 7.6 7.6 7.7
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	7.7 7.8 7.7 7.8 7.9 8.0 8.1 8.4 8.2 8.2 8.3 8.3 8.3	7.5 7.5 7.3 7.4 7.5 7.6 7.7 7.6 7.5 7.7 7.9 8.0 8.0 7.8 8.1 8.1 8.1	7.6 7.6 7.5 7.5 7.6 7.7 7.8 7.8 7.8 7.8 7.9 8.0 8.1 8.2 8.1 8.2 8.1	8.7 8.6 8.7 8.5 8.2 8.1 7.9	7.8 7.6 8.0 8.1 7.3 7.6 7.6 7.3	8.2 8.2 8.5 8.4 8.1 7.9 7.8 7.5 	8.2 8.4 8.3 8.2 8.1 8.1 8.1	APRIL 7.8 7.9 7.9 8.0 7.9 7.9	8.0 8.0 8.1 8.1 8.0 8.0 8.0	6.8 7.0 7.3 7.3 7.2 7.2 7.4 7.7 8.4 8.0 8.0 7.9 7.8 8.6 8.2 8.9 8.9 8.2 8.4	MAY 6.6 6.6 6.6 6.8 6.6 6.6 6.8 6.7 6.7 6.9 7.4 7.2 7.3 7.4 7.8 7.7	6.7 6.7 6.9 7.1 7.0 6.9 7.1 7.1 7.0 7.0 7.4 7.6 7.7 7.9 8.1 8.0 8.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	7.7 7.8 7.7 7.7 7.8 7.8 7.9 8.0 8.1 8.4 8.1 8.2 8.3 8.3 8.3 8.3 8.3 8.4	7.5 7.5 7.5 7.3 7.4 7.5 7.6 7.7 7.6 7.5 7.5 7.7 7.9 8.0 8.0 7.8 8.1 8.1 8.1 8.0	7.6 7.6 7.5 7.5 7.5 7.6 7.7 7.8 7.8 7.8 7.9 8.0 8.1 8.1 8.2 8.1 8.2 8.3 8.2 8.2 8.2	8.7 8.6 8.7 8.7 8.5 8.2 8.1 7.9	7.8 7.6 8.0 8.1 7.3 7.6 7.6 7.3	8.2 8.2 8.5 8.4 8.1 7.9 7.8 7.5 	8.2 8.4 8.3 8.2 8.1 8.1 8.1	APRIL 7.8 7.9 7.9 7.9 8.0 7.9 7.9	8.0 8.0 8.1 8.1 8.0 8.0 8.0 8.0	6.8 7.0 7.3 7.3 7.2 7.4 7.7 8.4 8.0 7.9 7.8 8.6 8.2 8.9 8.2 8.4 8.8	MAY 6.6 6.6 6.6 6.6 6.8 6.6 6.8 6.7 6.7 6.9 7.4 7.2 7.2 7.3 7.4 7.8 7.7	6.7 6.7 6.9 7.1 7.0 6.9 6.9 7.1 7.1 7.0 7.4 7.6 7.6 7.7 7.9 8.1 8.0 8.1 8.3
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	7.7 7.8 7.7 7.8 7.9 8.0 8.1 8.4 8.2 8.2 8.3 8.3 8.3 8.3 8.3 8.4	7.5 7.5 7.5 7.3 7.4 7.5 7.6 7.7 7.6 7.5 7.7 7.9 8.0 8.0 7.8 8.1 8.1 8.1 8.0 8.0 7.5	7.6 7.6 7.5 7.5 7.6 7.7 7.8 7.8 7.8 7.8 7.9 8.0 8.1 8.2 8.1 8.2 8.1 8.2 8.2 8.2 8.2	8.7 8.6 8.7 8.7 8.5 8.2 8.1 7.9 	7.8 7.6 8.0 8.1 7.3 7.6 7.6 7.3	8.2 8.2 8.5 8.4 8.1 7.9 7.8 7.5 	8.2 8.4 8.3 8.2 8.1 8.1 8.1 	APRIL 7.8 7.9 7.9 8.0 7.9 7.9	8.0 8.0 8.1 8.1 8.0 8.0 8.0 	6.8 7.0 7.3 7.3 7.2 7.2 7.4 7.7 8.4 8.0 8.0 7.9 7.8 8.6 8.2 8.9 8.9 8.2 8.4 8.8	MAY 6.6 6.6 6.6 6.8 6.6 6.6 6.8 6.7 6.7 6.9 7.4 7.2 7.3 7.4 7.8 7.7 7.9 7.6 7.3	6.7 6.7 6.9 7.1 7.0 6.9 7.1 7.1 7.0 7.0 7.4 7.6 7.6 7.7 7.9 8.1 8.0 8.1 8.3
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	7.7 7.8 7.7 7.7 7.8 7.8 7.9 8.0 8.1 8.4 8.1 8.2 8.3 8.3 8.3 8.3 8.3 8.4 8.6 8.5 8.1 8.2	7.5 7.5 7.5 7.3 7.4 7.5 7.6 7.7 7.6 7.5 7.7 7.9 8.0 8.0 7.8 8.1 8.1 8.1 8.0 8.0 7.5 7.6	7.6 7.6 7.5 7.5 7.5 7.6 7.7 7.8 7.8 7.8 7.9 8.0 8.1 8.1 8.2 8.1 8.2 8.2 8.2 8.2 8.2	8.7 8.6 8.7 8.5 8.2 8.1 7.9 	7.8 7.6 8.0 8.1 7.3 7.6 7.6 7.3	8.2 8.2 8.5 8.4 8.1 7.9 7.8 7.5 	8.2 8.4 8.3 8.2 8.1 8.1 8.1 	APRIL 7.8 7.9 7.9 7.9 8.0 7.9 7.9	8.0 8.0 8.1 8.1 8.0 8.0 8.0 	6.8 7.0 7.3 7.3 7.2 7.4 7.7 8.4 8.0 7.9 7.8 8.6 8.2 8.9 8.2 8.9 8.2 8.4 8.8 8.8 8.8 8.8 8.8	MAY 6.6 6.6 6.6 6.8 6.6 6.8 6.6 6.8 6.7 6.7 6.9 7.4 7.2 7.2 7.3 7.4 7.8 7.7 7.9 7.6 7.3 7.6	6.7 6.7 6.9 7.1 7.0 6.9 6.9 7.1 7.1 7.0 7.4 7.6 7.6 7.7 7.9 8.1 8.0 8.1 8.3 8.2 7.7 7.8 7.9
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	7.7 7.8 7.7 7.7 7.8 7.9 8.0 8.1 8.4 8.1 8.2 8.3 8.3 8.3 8.3 8.3 8.3 8.4 8.6 8.5 8.1	7.5 7.5 7.5 7.6 7.7 7.6 7.5 7.5 7.7 7.8 8.0 8.0 7.8 8.1 8.1 8.1 8.0 8.0 7.8 8.0 8.0 7.8	7.6 7.6 7.5 7.5 7.5 7.6 7.7 7.8 7.8 7.8 7.9 8.0 8.1 8.2 8.1 8.2 8.3 8.2 8.2 8.2 8.2 8.2 8.2	8.7 8.6 8.7 8.5 8.2 8.1 7.9 	7.8 7.6 8.0 8.1 7.3 7.6 7.6 7.3	8.2 8.2 8.5 8.4 8.1 7.9 7.8 7.5 	8.2 8.4 8.3 8.2 8.1 8.1 8.1 	APRIL 7.8 7.9 7.9 7.9 8.0 7.9	8.0 8.0 8.1 8.1 8.0 8.0 8.0 	6.8 7.0 7.3 7.2 7.2 7.4 7.7 8.4 8.0 8.0 7.9 7.8 8.6 8.2 8.9 8.2 8.4 8.8 8.8 8.3 8.6 8.2	MAY 6.6 6.6 6.6 6.6 6.8 6.6 6.8 6.7 6.7 6.9 7.4 7.2 7.2 7.3 7.4 7.8 7.7 7.9 7.6 7.3 7.6 7.5	6.7 6.7 6.9 7.1 7.0 6.9 6.9 7.1 7.1 7.0 7.4 7.6 7.7 7.9 8.1 8.0 8.1 8.3 8.2 7.7 7.8 7.9 7.7
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	7.7 7.8 7.7 7.7 7.8 7.8 7.9 8.0 8.1 8.2 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3	7.5 7.5 7.3 7.4 7.5 7.6 7.7 7.6 7.5 7.5 7.7 7.9 8.0 8.0 7.8 8.1 8.1 8.1 8.0 8.0 7.5 7.6 7.8	7.6 7.6 7.5 7.5 7.5 7.6 7.7 7.8 7.8 7.8 7.9 8.0 8.1 8.1 8.2 8.1 8.2 8.2 8.2 8.2 8.2 8.2 8.2 8.1 8.2 8.1 8.2 8.2 8.2 8.1 8.2 8.2 8.2 8.2 8.2 8.2 8.2 8.2 8.2 8.2	8.7 8.6 8.7 8.5 8.2 8.1 7.9 	7.8 7.6 8.0 8.1 7.3 7.6 7.6 7.6 7.3	8.2 8.2 8.5 8.4 8.1 7.9 7.8 7.5 	8.2 8.4 8.3 8.2 8.1 8.1 8.1 	APRIL 7.8 7.9 7.9 7.9 8.0 7.9 7.9	8.0 8.0 8.1 8.1 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0	6.8 7.0 7.3 7.2 7.2 7.4 7.7 8.4 8.0 7.9 7.8 8.6 8.2 8.9 8.2 8.4 8.8 8.6 8.8 8.6 8.2 8.6 8.2	MAY 6.6 6.6 6.6 6.6 6.8 6.6 6.8 6.7 6.7 6.9 7.4 7.2 7.2 7.3 7.4 7.8 7.7 7.9 7.6 7.3 7.6 7.5 7.2 7.2	6.7 6.7 6.9 7.1 7.0 6.9 6.9 7.1 7.1 7.0 7.4 7.6 7.7 7.9 8.1 8.0 8.1 8.3 8.2 7.7 7.8 7.9 7.7
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	7.7 7.8 7.7 7.7 7.8 7.9 8.0 8.1 8.4 8.1 8.2 8.3 8.3 8.3 8.3 8.3 8.4 8.6 8.5 8.1 8.2 8.3	7.5 7.5 7.5 7.6 7.7 7.6 7.5 7.5 7.7 7.9 8.0 8.0 7.8 8.1 8.1 8.1 8.0 8.0 7.8 8.1 8.1 8.1 8.1 8.1 8.1 8.1	7.6 7.6 7.5 7.5 7.5 7.6 7.7 7.8 7.8 7.8 7.8 7.9 8.0 8.1 8.2 8.1 8.2 8.2 8.2 8.2 8.2 8.2 8.2	8.7 8.6 8.7 8.7 8.5 8.2 8.1 7.9 	7.8 7.6 8.0 8.1 7.3 7.6 7.6 7.3	8.2 8.2 8.5 8.4 8.1 7.9 7.8 7.5 	8.2 8.4 8.3 8.2 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1	APRIL 7.8 7.9 7.9 7.9 8.0 7.9 7.9	8.0 8.0 8.1 8.1 8.0 8.0 8.0 8.0 8.0 8.0	6.8 7.0 7.3 7.3 7.2 7.2 7.4 7.7 8.4 8.0 7.9 7.8 8.6 8.2 8.9 8.2 8.4 8.8 8.8 8.8 8.8 8.6 8.2 8.0	MAY 6.6 6.6 6.6 6.8 6.6 6.6 6.8 6.7 6.7 6.9 7.4 7.2 7.2 7.3 7.4 7.8 7.7 7.9 7.6 7.3 7.6 7.5 7.2 7.6 7.5	6.7 6.7 6.9 7.1 7.0 6.9 6.9 7.1 7.0 7.4 7.6 7.7 7.9 8.1 8.0 8.1 8.3 8.2 7.7 7.8 7.7 7.8 7.7
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	7.7 7.8 7.7 7.7 7.8 7.8 7.9 8.0 8.1 8.2 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3	7.5 7.5 7.5 7.3 7.4 7.5 7.6 7.7 7.6 7.5 7.5 7.7 7.9 8.0 8.0 7.8 8.1 8.1 8.1 8.0 8.0 7.5 7.6 8.0	7.6 7.6 7.5 7.5 7.5 7.6 7.7 7.8 7.8 7.8 7.9 8.0 8.1 8.2 8.1 8.2 8.2 8.2 8.2 8.2 8.2 8.2 8.2 8.2 8.1 8.2	8.7 8.6 8.7 8.7 8.5 8.2 8.1 7.9 	7.8 7.6 8.0 8.1 7.3 7.6 7.6 7.3	8.2 8.2 8.5 8.4 8.1 7.9 7.8 7.5 	8.2 8.4 8.3 8.2 8.1 8.1 8.1 7.3 7.3 7.1	APRIL 7.8 7.9 7.9 8.0 7.9 7.9	8.0 8.0 8.1 8.1 8.0 8.0 8.0 	6.8 7.0 7.3 7.3 7.2 7.2 7.4 7.7 8.4 8.0 8.0 7.9 7.8 8.6 8.2 8.9 8.9 8.2 8.4 8.8 8.6 8.8 8.6 8.2 8.9 8.9 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0	MAY 6.6 6.6 6.6 6.8 6.6 6.6 6.8 6.7 6.7 6.9 7.4 7.2 7.2 7.3 7.4 7.8 7.7 7.9 7.6 7.3 7.3 7.6 7.5 7.2 7.2 7.6	6.7 6.7 6.9 7.1 7.0 6.9 6.9 7.1 7.0 7.4 7.6 7.7 7.9 8.1 8.0 8.1 8.3 8.2 7.7 7.8 7.7 7.8 7.7
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	7.7 7.8 7.7 7.7 7.8 7.9 8.0 8.1 8.4 8.1 8.2 8.3 8.3 8.3 8.3 8.3 8.3 8.4 8.6 8.5 8.1 8.2 8.3	7.5 7.5 7.5 7.6 7.7 7.6 7.5 7.5 7.7 7.9 8.0 8.0 7.8 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.0 8.0 7.5 7.6 7.8 8.1	7.6 7.6 7.5 7.5 7.5 7.6 7.7 7.8 7.8 7.8 7.9 8.0 8.1 8.2 8.1 8.2 8.2 8.2 8.2 8.2 8.2 8.2 8.2	8.7 8.6 8.7 8.7 8.5 8.2 8.1 7.9 	7.8 7.6 8.0 8.1 7.3 7.6 7.6 7.3	8.2 8.2 8.5 8.4 8.1 7.9 7.8 7.5 	8.2 8.4 8.3 8.2 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1	APRIL 7.8 7.9 7.9 8.0 7.9 7.9	 8.0 8.0 8.1 8.1 8.0 8.0 8.0 7.1 7.0 7.0 6.9 6.8 6.8	6.8 7.0 7.3 7.3 7.2 7.2 7.4 7.7 8.4 8.0 8.0 7.9 7.8 8.6 8.2 8.9 8.9 8.2 8.4 8.8 8.8 8.6 8.8 8.3 8.6 8.2 8.9 8.9 8.9 8.9 8.9 8.9 8.9 8.9 8.9 8.9	MAY 6.6 6.6 6.6 6.6 6.8 6.6 6.8 6.7 6.7 6.7 6.9 7.4 7.2 7.2 7.3 7.4 7.8 7.7 7.9 7.6 7.3 7.6 7.5 7.2 7.2 7.2 7.2 7.3	6.7 6.7 6.9 7.1 7.0 6.9 6.9 7.1 7.1 7.0 7.0 7.4 7.6 7.7 7.9 8.1 8.3 8.2 7.7 7.8 7.9 7.7

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER		N	OVEMBE	R	D	ECEMBE	R		JANUARY	
1 2	26.5 27.4	25.0 25.4	25.5 26.4	17.2 16.4	14.8 15.3	16.0 15.8	10.7 9.6	9.3 8.8	10.0 9.3			
3 4	27.8 27.8	25.4 26.0	26.5 26.7	15.8 15.2	14.7 14.5	15.2 14.8	9.6 8.9	8.9 7.5	9.2 8.1			
5	27.6	26.0	26.7	14.7	14.4	14.6	8.1	7.2	7.7			
6 7	27.2 26.8	26.1 25.6	26.5 26.2	15.6	14.6	15.3	7.8 7.3	6.5 6.0	7.2 6.8			
8 9	26.7 24.8	24.8 23.8	25.7 24.5				7.0 7.2	5.5 6.6	6.5 6.9			
10	24.8	24.2	24.6				7.0	6.6	6.8			
11 12	24.5	24.0	24.2				7.2 8.1	6.9 7.0	7.1 7.3			
13 14	25.0 25.1	23.6 22.8	24.1 23.9				8.0 8.5	7.3 7.8	7.5 8.1			
15							8.7	7.7	8.1			
16 17							8.9 8.3	7.6 7.6	8.1 7.9	6.0	5.1	5.7
18 19	21.4 20.8	20.1 18.9	20.6 19.6				9.2	7.4	8.0	5.5 4.9	4.4 3.0	4.9 4.5
20	20.7	19.0	19.7							6.2	3.6	4.7
21 22	20.1 19.5	19.5 18.4	19.9 19.1				9.4	8.8	9.2	5.3 5.0	4.8 4.4	5.0 4.8
23 24	19.0 18.9	17.8 18.2	18.5 18.6							4.4 2.5	2.2 1.4	3.5 2.0
25 26	18.8 19.2	18.2	18.6 18.8	12.4	12.4	12.9				2.1 2.0	0.2 0.8	1.3 1.4
27	19.4	18.5 18.6	19.1	13.4 13.0	12.4 11.6	12.2				2.4	1.6	1.8
28 29	19.7 19.4	19.1 19.0	19.3 19.2	12.0 11.0	9.8 9.3	10.7 10.2				2.5 4.0	0.9 2.0	1.7 3.0
30 31	19.0 18.0	18.0 16.2	18.6 17.1	11.1 	9.6 	10.5				4.0 4.4	3.6 3.7	3.8 4.0
MONTH												
		FEBRUARY	7		MARCH			APRIL			MAY	
1 2	5.1 6.0		4.7 4.9	10.9 11.1	MARCH 9.7 9.9	10.4 10.4		APRIL		21.8 22.7	MAY 20.2 19.9	21.2 21.3
1 2 3 4	5.1	FEBRUARY 4.4	4.7	10.9	MARCH 9.7	10.4		APRIL		21.8	MAY 20.2 19.9 20.6 19.4	21.2 21.3 21.5 20.1
1 2 3 4 5	5.1 6.0 7.1 7.2 6.8	4.4 4.3 5.0 4.4 5.7	4.7 4.9 5.7 5.6 6.4	10.9 11.1 10.6 11.7 12.5	9.7 9.9 9.5 10.4 11.5	10.4 10.4 10.0 11.1 11.9	17.2 17.6 17.8	APRIL 14.5 15.4 16.1	15.5 16.2 17.0	21.8 22.7 22.4 20.6 19.9	MAY 20.2 19.9 20.6 19.4 19.0	21.2 21.3 21.5 20.1 19.4
1 2 3 4 5	5.1 6.0 7.1 7.2 6.8 6.7 6.8	FEBRUARY 4.4 4.3 5.0 4.4 5.7 6.2 6.4	4.7 4.9 5.7 5.6 6.4 6.4 6.6	10.9 11.1 10.6 11.7 12.5 11.7 10.7	9.7 9.9 9.5 10.4 11.5 10.1 9.7	10.4 10.4 10.0 11.1 11.9 10.8 10.1	17.2 17.6 17.8 17.9 16.9	APRIL 14.5 15.4 16.1 16.3 16.0	15.5 16.2 17.0 17.0 16.4	21.8 22.7 22.4 20.6 19.9 21.6 22.3	MAY 20.2 19.9 20.6 19.4 19.0 19.2 20.5	21.2 21.3 21.5 20.1 19.4 20.1 21.3
1 2 3 4 5 6 7 8 9	5.1 6.0 7.1 7.2 6.8 6.7 6.8 7.8 8.2	4.4 4.3 5.0 4.4 5.7 6.2 6.4 6.4 6.0	4.7 4.9 5.7 5.6 6.4 6.4 6.8 6.9	10.9 11.1 10.6 11.7 12.5 11.7 10.7 12.3	9.7 9.9 9.5 10.4 11.5 10.1 9.7 10.3	10.4 10.4 10.0 11.1 11.9 10.8 10.1 11.3	17.2 17.6 17.8 17.9 16.9 16.7 15.4	APRIL 14.5 15.4 16.1 16.3 16.0 15.3 14.4	15.5 16.2 17.0 17.0 16.4 16.1 15.0	21.8 22.7 22.4 20.6 19.9 21.6 22.3 24.2 25.0	MAY 20.2 19.9 20.6 19.4 19.0 19.2 20.5 21.4 22.8	21.2 21.3 21.5 20.1 19.4 20.1 21.3 22.5 24.1
1 2 3 4 5 6 7 8 9	5.1 6.0 7.1 7.2 6.8 6.7 6.8 7.8 8.2 7.7	4.4 4.3 5.0 4.4 5.7 6.2 6.4 6.4 6.0 6.6	4.7 4.9 5.7 5.6 6.4 6.4 6.6 6.8 6.9 7.1	10.9 11.1 10.6 11.7 12.5 11.7 10.7 12.3	9.7 9.9 9.5 10.4 11.5 10.1 9.7 10.3	10.4 10.4 10.0 11.1 11.9 10.8 10.1 11.3	17.2 17.6 17.8 17.9 16.9 16.7 15.4	APRIL 14.5 15.4 16.1 16.3 16.0 15.3 14.4	15.5 16.2 17.0 17.0 16.4 16.1 15.0	21.8 22.7 22.4 20.6 19.9 21.6 22.3 24.2 25.0 26.6	MAY 20.2 19.9 20.6 19.4 19.0 19.2 20.5 21.4 22.8 22.1	21.2 21.3 21.5 20.1 19.4 20.1 21.3 22.5 24.1 24.5
1 2 3 4 5 6 7 8 9 10	5.1 6.0 7.1 7.2 6.8 6.7 6.8 7.8 8.2 7.7	4.4 4.3 5.0 4.4 5.7 6.2 6.4 6.4 6.0 6.6	4.7 4.9 5.7 5.6 6.4 6.4 6.6 6.8 6.9 7.1 6.5 6.7	10.9 11.1 10.6 11.7 12.5 11.7 10.7 12.3 	9.7 9.9 9.5 10.4 11.5 10.1 9.7 10.3	10.4 10.4 10.0 11.1 11.9 10.8 10.1 11.3	17.2 17.6 17.8 17.9 16.9 16.7 15.4	APRIL 14.5 15.4 16.1 16.3 16.0 15.3 14.4	15.5 16.2 17.0 17.0 16.4 16.1 15.0	21.8 22.7 22.4 20.6 19.9 21.6 22.3 24.2 25.0 26.6 25.2 24.6	MAY 20.2 19.9 20.6 19.4 19.0 19.2 20.5 21.4 22.8 22.1 23.7 23.0	21.2 21.3 21.5 20.1 19.4 20.1 21.3 22.5 24.1 24.5 24.6 23.7
1 2 3 4 5 6 7 8 9 10 11 12 13 14	5.1 6.0 7.1 7.2 6.8 6.7 6.8 7.8 8.2 7.7 7.2 7.5 7.2	FEBRUARY 4.4 4.3 5.0 4.4 5.7 6.2 6.4 6.4 6.0 6.6 6.0 6.2 6.0 6.0 6.0	4.7 4.9 5.7 5.6 6.4 6.4 6.6 6.8 6.9 7.1 6.5 6.7 6.7	10.9 11.1 10.6 11.7 12.5 11.7 10.7 12.3	9.7 9.9 9.5 10.4 11.5 10.1 9.7 10.3 	10.4 10.4 10.0 11.1 11.9 10.8 10.1 11.3	17.2 17.6 17.8 17.9 16.9 16.7 15.4	APRIL 14.5 15.4 16.1 16.3 16.0 15.3 14.4	15.5 16.2 17.0 17.0 16.4 16.1 15.0	21.8 22.7 22.4 20.6 19.9 21.6 22.3 24.2 25.0 26.6 25.2 24.6 23.1 23.2	MAY 20.2 19.9 20.6 19.4 19.0 19.2 20.5 21.4 22.8 22.1 23.7 23.0 22.0 21.2	21.2 21.3 21.5 20.1 19.4 20.1 21.3 22.5 24.1 24.5 24.6 23.7 22.4 22.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	5.1 6.0 7.1 7.2 6.8 6.7 6.8 7.8 8.2 7.7 7.2 7.5 7.2 7.2 8.0	4.4 4.3 5.0 4.4 5.7 6.2 6.4 6.0 6.6 6.0 6.2 6.0 6.0 6.8	4.7 4.9 5.7 5.6 6.4 6.4 6.6 6.8 6.9 7.1 6.5 6.7 6.7	10.9 11.1 10.6 11.7 12.5 11.7 10.7 12.3 	9.7 9.9 9.5 10.4 11.5 10.1 9.7 10.3 	10.4 10.4 10.0 11.1 11.9 10.8 10.1 11.3 	17.2 17.6 17.8 17.9 16.9 16.7 15.4	APRIL 14.5 15.4 16.1 16.3 16.0 15.3 14.4	15.5 16.2 17.0 17.0 16.4 16.1 15.0	21.8 22.7 22.4 20.6 19.9 21.6 22.3 24.2 25.0 26.6 25.2 24.6 23.1 23.2 22.5	MAY 20.2 19.9 20.6 19.4 19.0 19.2 20.5 21.4 22.8 22.1 23.7 23.0 22.0 21.2 21.8	21.2 21.3 21.5 20.1 19.4 20.1 21.3 22.5 24.1 24.5 24.6 23.7 22.4 22.2 22.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	5.1 6.0 7.1 7.2 6.8 6.7 6.8 7.8 8.2 7.7 7.2 7.5 7.2 7.2 8.0 7.9	FEBRUARY 4.4 4.3 5.0 4.4 5.7 6.2 6.4 6.4 6.0 6.6 6.0 6.2 6.0 6.0 6.8 7.4 7.0	4.7 4.9 5.7 5.6 6.4 6.4 6.6 6.8 6.9 7.1 6.5 6.7 6.6 7.5	10.9 11.1 10.6 11.7 12.5 11.7 10.7 12.3	9.7 9.9 9.5 10.4 11.5 10.1 9.7 10.3	10.4 10.4 10.0 11.1 11.9 10.8 10.1 11.3 	17.2 17.6 17.8 17.9 16.9 16.7 15.4	APRIL 14.5 15.4 16.1 16.3 16.0 15.3 14.4	15.5 16.2 17.0 17.0 16.4 16.1 15.0	21.8 22.7 22.4 20.6 19.9 21.6 22.3 24.2 25.0 26.6 25.2 24.6 23.1 23.2 22.5 24.0 23.7	MAY 20.2 19.9 20.6 19.4 19.0 19.2 20.5 21.4 22.8 22.1 23.7 23.0 22.0 21.2 21.8 21.4 21.7	21.2 21.3 21.5 20.1 19.4 20.1 21.3 22.5 24.1 24.5 24.6 23.7 22.4 22.2 22.1 22.4 22.3
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	5.1 6.0 7.1 7.2 6.8 6.7 6.8 7.8 8.2 7.7 7.2 7.5 7.2 7.2 7.5 7.2 7.6 8.0	4.4 4.3 5.0 4.4 5.7 6.2 6.4 6.4 6.0 6.6 6.0 6.2 6.0 6.8 7.4 7.0 6.4 6.5	4.7 4.9 5.7 5.6 6.4 6.8 6.9 7.1 6.5 6.7 6.7 6.7 7.3 6.9 7.1	10.9 11.1 10.6 11.7 12.5 11.7 10.7 12.3	9.7 9.9 9.5 10.4 11.5 10.1 9.7 10.3	10.4 10.4 10.0 11.1 11.9 10.8 10.1 11.3 	17.2 17.6 17.8 17.9 16.9 16.7 15.4 	APRIL 14.5 15.4 16.1 16.3 16.0 15.3 14.4	15.5 16.2 17.0 17.0 16.4 16.1 15.0	21.8 22.7 22.4 20.6 19.9 21.6 22.3 24.2 25.0 26.6 25.2 24.6 23.1 23.2 22.5 24.0 23.7 21.7 21.0	MAY 20.2 19.9 20.6 19.4 19.0 19.2 20.5 21.4 22.8 22.1 23.7 23.0 22.0 21.2 21.8 21.4 21.7 20.9 19.6	21.2 21.3 21.5 20.1 19.4 20.1 21.3 22.5 24.1 24.5 24.6 23.7 22.4 22.2 22.1 22.4 22.3 21.3 20.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	5.1 6.0 7.1 7.2 6.8 6.7 6.8 7.8 8.2 7.7 7.2 7.5 7.2 8.0 7.9 7.6 7.3 7.6 8.2	4.4 4.3 5.0 4.4 5.7 6.2 6.4 6.4 6.0 6.6 6.0 6.2 6.0 6.0 6.8 7.4 7.0 6.4 6.5 7.2	4.7 4.9 5.7 5.6 6.4 6.6 6.8 6.9 7.1 6.5 6.7 6.6 7.5 7.7 7.3 6.9 7.1 7.7	10.9 11.1 10.6 11.7 12.5 11.7 10.7 12.3	9.7 9.9 9.5 10.4 11.5 10.1 9.7 10.3	10.4 10.4 10.0 11.1 11.9 10.8 10.1 11.3 	17.2 17.6 17.8 17.9 16.9 16.7 15.4 	APRIL 14.5 15.4 16.1 16.3 16.0 15.3 14.4	15.5 16.2 17.0 17.0 16.4 16.1 15.0	21.8 22.7 22.4 20.6 19.9 21.6 22.3 24.2 25.0 26.6 23.1 23.2 22.5 24.0 23.7 21.7 21.0 20.8	MAY 20.2 19.9 20.6 19.4 19.0 19.2 20.5 21.4 22.8 22.1 23.7 23.0 22.0 21.2 21.8 21.4 21.7 20.9 19.6	21.2 21.3 21.5 20.1 19.4 20.1 21.3 22.5 24.1 24.5 24.6 23.7 22.4 22.2 22.1 22.4 22.3 21.3 20.5 20.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	5.1 6.0 7.1 7.2 6.8 6.7 6.8 7.8 8.2 7.7 7.2 7.5 7.2 7.2 7.6 8.0 7.9 7.6 8.2 8.2	4.4 4.3 5.0 4.4 5.7 6.2 6.4 6.4 6.0 6.6 6.0 6.2 6.0 6.8 7.4 7.0 6.4 6.5 7.2 7.3 7.7	4.7 4.9 5.7 5.6 6.4 6.8 6.9 7.1 6.5 6.7 6.7 6.7 6.7 7.3 6.9 7.1 7.3	10.9 11.1 10.6 11.7 12.5 11.7 10.7 12.3	9.7 9.9 9.5 10.4 11.5 10.1 9.7 10.3	10.4 10.4 10.0 11.1 11.9 10.8 10.1 11.3 	17.2 17.6 17.8 17.9 16.9 16.7 15.4 	APRIL 14.5 15.4 16.1 16.3 16.0 15.3 14.4	15.5 16.2 17.0 17.0 16.4 16.1 15.0	21.8 22.7 22.4 20.6 19.9 21.6 22.3 24.2 25.0 26.6 23.1 23.2 22.5 24.0 23.7 21.7 21.0 20.8 22.4 22.4	MAY 20.2 19.9 20.6 19.4 19.0 19.2 20.5 21.4 22.8 22.1 23.7 23.0 22.0 21.2 21.8 21.4 21.7 20.9 19.6 19.4 20.6 21.3	21.2 21.3 21.5 20.1 19.4 20.1 21.3 22.5 24.1 24.5 24.6 23.7 22.4 22.2 22.1 22.4 22.3 21.3 20.5 20.5 20.7
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	5.1 6.0 7.1 7.2 6.8 6.7 6.8 7.8 8.2 7.7 7.2 7.5 7.2 7.2 8.0 7.6 7.3 7.6 8.2 8.3 11.0 10.9	4.4 4.3 5.0 4.4 5.7 6.2 6.4 6.4 6.0 6.6 6.0 6.2 6.0 6.8 7.4 7.0 6.4 6.5 7.2 7.3 7.7 9.6 10.3	4.7 4.9 5.7 5.6 6.4 6.4 6.6 6.8 6.9 7.1 6.5 6.7 6.7 7.3 6.9 7.1 7.7 7.3 6.9 7.1 7.7	10.9 11.1 10.6 11.7 12.5 11.7 10.7 12.3	9.7 9.9 9.5 10.4 11.5 10.1 9.7 10.3	10.4 10.4 10.0 11.1 11.9 10.8 10.1 11.3 	17.2 17.6 17.8 17.9 16.9 16.7 15.4	APRIL 14.5 15.4 16.1 16.3 16.0 15.3 14.4	15.5 16.2 17.0 17.0 16.4 16.1 15.0	21.8 22.7 22.4 20.6 19.9 21.6 22.3 24.2 25.0 26.6 25.2 24.6 23.1 23.2 22.5 24.0 23.7 21.7 21.0 20.8 22.4 22.0 21.5 22.3	MAY 20.2 19.9 20.6 19.4 19.0 19.2 20.5 21.4 22.8 22.1 23.7 23.0 22.0 21.2 21.8 21.4 21.7 20.9 19.6 19.4 20.6 21.3 20.7 20.6	21.2 21.3 21.5 20.1 19.4 20.1 21.3 22.5 24.1 24.5 24.6 23.7 22.4 22.2 22.1 22.4 22.3 21.3 20.5 20.2 21.3 21.7 21.0 21.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	5.1 6.0 7.1 7.2 6.8 6.7 6.8 7.8 8.2 7.7 7.2 7.5 7.2 7.2 8.0 7.9 7.6 6.8 7.3 7.6 8.2 8.2 11.0	FEBRUARY 4.4 4.3 5.0 4.4 5.7 6.2 6.4 6.4 6.0 6.6 6.0 6.2 6.0 6.8 7.4 7.0 6.4 6.5 7.2 7.3 7.7 9.6	4.7 4.9 5.7 5.6 6.4 6.4 6.6 6.8 6.9 7.1 6.5 6.7 6.7 6.7 7.3 6.9 7.1 7.3 6.9 7.1 7.3	10.9 11.1 10.6 11.7 12.5 11.7 10.7 12.3	9.7 9.9 9.5 10.4 11.5 10.1 9.7 10.3	10.4 10.4 10.0 11.1 11.9 10.8 10.1 11.3 	17.2 17.6 17.8 17.9 16.9 16.7 15.4 	APRIL 14.5 15.4 16.1 16.3 16.0 15.3 14.4	15.5 16.2 17.0 17.0 16.4 16.1 15.0	21.8 22.7 22.4 20.6 19.9 21.6 22.3 24.2 25.0 26.6 25.2 24.6 23.1 23.2 22.5 24.0 23.7 21.7 21.7 21.0 20.8	MAY 20.2 19.9 20.6 19.4 19.0 19.2 20.5 21.4 22.8 22.1 23.7 23.0 22.0 21.2 21.8 21.4 21.7 20.9 19.6 19.4 20.6 21.3 20.7	21.2 21.3 21.5 20.1 19.4 20.1 21.3 22.5 24.1 24.5 24.6 23.7 22.4 22.2 22.1 22.4 22.3 21.3 20.5 20.5 20.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	5.1 6.0 7.1 7.2 6.8 6.7 6.8 7.8 8.2 7.7 7.2 7.5 7.2 7.2 8.0 7.9 7.6 8.2 8.3 11.0 11.1 10.9 10.3	4.4 4.3 5.0 4.4 5.7 6.2 6.4 6.0 6.6 6.0 6.2 6.0 6.0 6.8 7.4 7.0 6.4 6.5 7.2 7.3 7.7 9.6 10.3 9.9	4.7 4.9 5.7 5.6 6.4 6.4 6.6 6.8 6.9 7.1 6.5 6.7 6.7 6.7 7.3 6.9 7.1 7.3 6.9 7.1 7.3 6.9 7.1	10.9 11.1 10.6 11.7 12.5 11.7 10.7 12.3	9.7 9.9 9.5 10.4 11.5 10.1 9.7 10.3	10.4 10.4 10.0 11.1 11.9 10.8 10.1 11.3 	17.2 17.6 17.8 17.9 16.9 16.7 15.4 18.6	APRIL 14.5 15.4 16.1 16.3 16.0 15.3 14.4 17.5	15.5 16.2 17.0 17.0 16.4 16.1 15.0 	21.8 22.7 22.4 20.6 19.9 21.6 22.3 24.2 25.0 26.6 23.1 23.2 22.5 24.0 23.7 21.7 21.0 20.8 22.4 22.0 21.5 22.3 22.8	MAY 20.2 19.9 20.6 19.4 19.0 19.2 20.5 21.4 22.8 22.1 23.7 23.0 22.0 21.2 21.8 21.4 21.7 20.9 19.6 19.4 20.6 21.3 20.7 20.6 20.6	21.2 21.3 21.5 20.1 19.4 20.1 21.3 22.5 24.1 24.5 24.6 23.7 22.4 22.2 22.1 22.4 22.3 21.3 20.5 20.2 21.3 21.3 21.3
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	5.1 6.0 7.1 7.2 6.8 6.7 6.8 7.8 8.2 7.7 7.2 7.2 7.2 8.0 7.9 7.6 7.3 7.6 8.2 8.3 11.0 10.9 10.3 9.5	4.4 4.3 5.0 4.4 5.7 6.2 6.4 6.4 6.0 6.6 6.0 6.2 6.0 6.8 7.4 7.0 6.4 6.5 7.2 7.3 7.7 9.6 10.3 9.9 9.4 8.9	4.7 4.9 5.7 5.6 6.4 6.4 6.6 6.8 6.9 7.1 6.5 6.7 6.6 7.5 7.7 7.3 6.9 7.1 7.7 7.8 9.4 10.5 10.6 10.1	10.9 11.1 10.6 11.7 12.5 11.7 10.7 12.3	9.7 9.9 9.5 10.4 11.5 10.1 9.7 10.3	10.4 10.4 10.0 11.1 11.9 10.8 10.1 11.3	17.2 17.6 17.8 17.9 16.9 16.7 15.4 18.6 20.2 20.1 20.9 21.2	APRIL 14.5 15.4 16.1 16.3 16.0 15.3 14.4 17.5 17.9 18.8 18.8 19.5	15.5 16.2 17.0 17.0 16.4 16.1 15.0 18.1 18.6 19.3 19.4 20.3	21.8 22.7 22.4 20.6 19.9 21.6 22.3 24.2 25.0 26.6 23.1 23.2 22.5 24.0 23.7 21.7 21.0 20.8 22.4 22.0 21.5 22.3 22.4 22.0	MAY 20.2 19.9 20.6 19.4 19.0 19.2 20.5 21.4 22.8 22.1 23.7 23.0 22.0 21.2 21.8 21.4 21.7 20.9 19.6 19.4 20.6 21.3 20.7 20.6 20.6 21.8 22.1	21.2 21.3 21.5 20.1 19.4 20.1 21.3 22.5 24.1 24.5 24.6 23.7 22.4 22.2 22.1 22.3 21.3 20.5 20.2 21.3 21.7 21.0 21.1 21.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 29	5.1 6.0 7.1 7.2 6.8 6.7 6.8 7.8 8.2 7.7 7.2 7.2 7.2 8.0 7.9 7.6 8.2 8.3 11.0 11.1 10.9 10.3	4.4 4.3 5.0 4.4 5.7 6.2 6.4 6.4 6.0 6.6 6.0 6.2 6.0 6.0 6.8 7.4 7.0 6.4 6.5 7.2 7.3 7.7 9.6 10.3 9.9 9.4 8.9 8.8	4.7 4.9 5.7 5.6 6.4 6.4 6.6 6.8 6.9 7.1 6.5 6.7 6.7 6.7 7.3 6.9 7.1 7.7 7.8 9.4 10.5 10.6 10.1	10.9 11.1 10.6 11.7 12.5 11.7 10.7 12.3	9.7 9.9 9.5 10.4 11.5 10.1 9.7 10.3	10.4 10.4 10.0 11.1 11.9 10.8 10.1 11.3	17.2 17.6 17.8 17.9 16.9 16.7 15.4 18.6 20.2 20.1 20.9	APRIL 14.5 15.4 16.1 16.3 16.0 15.3 14.4 17.5 17.9 18.8 18.8	15.5 16.2 17.0 17.0 16.4 16.1 15.0 18.1 18.6 19.3 19.4	21.8 22.7 22.4 20.6 19.9 21.6 22.3 24.2 25.0 26.6 23.1 23.2 22.5 24.0 23.7 21.7 21.0 20.8 22.4 22.0 21.5 22.3 22.8	MAY 20.2 19.9 20.6 19.4 19.0 19.2 20.5 21.4 22.8 22.1 23.7 23.0 22.0 21.2 21.8 21.4 21.7 20.9 19.6 19.4 20.6 21.3 20.7 20.6 20.6 21.8 22.1 21.9	21.2 21.3 21.5 20.1 19.4 20.1 21.3 22.5 24.1 24.5 24.6 23.7 22.4 22.2 22.1 22.4 22.3 21.3 20.5 20.2 21.3 21.7 21.0 21.1 21.6

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

680

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

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

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

OCTOBER NOVEMBER DECEMBER JANUAL 1 9.3 5.9 7.5 9.4 7.4 8.5 9.7 8.8 9.2 2 10.8 6.9 8.7 9.6 8.0 8.6 10.5 9.4 9.9 3 10.1 8.1 9.1 9.2 8.3 8.8 10.2 9.8 10.0 4 9.5 5.8 8.3 10.1 8.6 9.1 10.6 9.9 10.2 5 9.9 5.9 8.2 9.3 8.4 8.9 10.5 9.8 10.1 6 8.8 5.9 7.4 8.9 7.4 8.2 11.2 9.8 10.4 7 8.2 6.2 7.2 12.2 10.5 11.1 8 7.9 <th> </th>	
2 10.8 6.9 8.7 9.6 8.0 8.6 10.5 9.4 9.9 -	
7 8.2 6.2 7.2 12.2 10.5 11.1 8 7.9 6.0 6.7 12.8 11.3 12.1 9 7.4 5.6 6.4 12.5 11.4 11.8 10 7.0 6.0 6.4 11.8 11.0 11.4 11 11.3 10.7 11.0 12 6.6 5.7 6.2 12.2 10.5 11.0	
12 6.6 5.7 6.2 12.2 10.5 11.0	
13 8.2 5.5 6.7 11.5 9.9 10.5 14 8.1 5.9 7.1 15 11.9 9.8 10.7 11.9	
16 17 13.1 11.6 12.2 12.3 11.8 18 8.6 7.0 8.0 12.7 11.5 19 10.6 7.3 8.6 14.3 12.7 13.5 12.6 11.7 20 10.6 8.8 9.6 11.4	12.0 11.9 12.1 11.8
21 10.0 8.4 9.2 12.1 10.6 11.4 12.0 11.5 22 9.3 8.3 8.7 12.1 10.6 11.4 12.0 11.5 23 10.0 8.3 9.0 12.3 11.8 24 9.5 7.3 8.0 12.8 12.0 25 7.8 7.3 7.6 13.1 12.3	11.7 11.9 12.0 12.4 12.8
26 9.2 7.6 8.1 12.5 9.4 11.2 13.7 12.8 27 9.4 8.0 8.8 12.1 10.1 11.3 13.4 12.9 28 8.7 7.8 8.3 10.7 9.4 10.1 13.4 12.8 29 8.0 7.3 7.7 10.7 9.4 10.2 13.3 12.6 30 7.9 7.4 7.7 9.9 8.8 9.3 12.9 12.6 31 8.5 7.7 8.1 13.0 12.5	13.1 13.1 13.2 12.9 12.7 12.7
MONTH	
FEBRUARY MARCH APRIL MAY	
1 13.1 12.6 12.8 12.7 11.5 12.2 7.9 5.2 2 13.1 12.5 12.8 12.3 11.2 11.7 8.8 3.7 3 13.4 11.9 12.9 12.0 10.9 11.5 9.5 7.8 8.7 8.0 6.8 4 12.3 11.0 11.6 12.3 11.1 11.8 9.6 8.5 8.9 7.8 6.8 5 12.4 11.2 11.9 12.1 10.2 11.4 9.4 8.4 8.9 8.2 6.8	7.1 6.9 7.4 7.2 7.4
6 12.2 11.5 12.0 10.3 9.8 10.0 9.0 8.3 8.8 8.5 6.9 7 12.1 11.7 11.9 11.4 9.9 10.6 8.9 8.2 8.5 9.0 7.5 8 14.2 11.7 12.8 12.5 10.7 11.5 8.9 8.3 8.6 9.6 7.1 9 15.6 13.0 14.3 9.1 8.1 8.9 9.9 7.7 10 15.3 11.3 13.4 10.6 4.8	7.6 8.2 8.3 9.0 8.2
11 13.5 11.6 12.4 8.4 5.9 12 13.3 12.2 12.8 7.8 5.9 13 13.8 12.3 13.2 8.0 6.6 14 14.9 12.8 13.7 10.1 7.0 15 14.6 12.9 13.8 9.2 6.8	7.5 7.0 7.3 8.1 8.1
16 12.9 11.9 12.3 12.1 7.0 17 12.5 11.6 12.1 10.3 6.8 18 13.8 11.6 12.6 7.6 6.7 19 14.2 12.5 13.4 8.5 7.1 20 14.7 13.1 13.9 9.3 7.8	9.3 7.8 7.2 7.8 8.5
21 14.0 13.1 13.5 9.7 8.2 22 13.8 9.7 11.4 9.4 6.8 23 10.7 9.3 10.1 8.3 5.8 24 11.0 10.0 10.5 10.4 6.7 25 11.8 10.2 11.0 7.7 5.0 7.2 10.1 6.8	8.9 8.5 7.0 7.9 8.3
26 11.9 11.0 11.4 8.2 7.0 7.7 9.9 6.6 27 12.3 10.8 11.5 8.3 7.2 7.8 8.9 5.5 28 13.3 11.2 12.2 8.9 7.5 8.0 9.9 6.2 29 9.0 7.1 8.2 30 8.2 5.8 7.4 10.9 6.7	8.3 6.8 7.5 8.6
31 10.1 6.3 MONTH 15.6 9.3 12.4	8.7

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

$0209265810 \ {\tt NEUSE} \ {\tt RIVER} \ {\tt AT} \ {\tt CHANNEL} \ {\tt LIGHT} \ 9{\tt -\!\!\!\!-\!\!\!\!-\!\!\!\!\!-} Continued$

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

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

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER		N	OVEMBE	R	D	ECEMBE	R		JANUARY	
1 2 3 4 5	115 136 128 121 125	72 85 101 72 73	92 109 113 104 103	96 97 92 101 92	77 81 83 85 83	87 87 88 90 88	86 92 90 90 87	79 81 85 84 83	82 86 87 87 85	 	 	
6 7 8 9 10	111 103 99 89 85	73 76 74 68 72	93 90 82 77 77	88 	74 	82 	93 101 106 103 97	82 85 91 93 91	86 92 98 97 94	 	 	
11 12 13 14 15	79 98 99	68 65 69	74 81 84	 	 	 	94 103 96 92 102	88 87 83 82 83	91 92 88 87 91	 	 	
16 17 18 19 20	98 116 118	78 82 96	90 94 105	 	 	 	108 111 122 	92 97 109 	101 103 114	99 100 98 97	94 90 91 88	96 93 94 92
21 22 23 24 25	110 100 108 102 84	92 90 88 78 78	101 95 96 86 81	 	 	 	106 	92 	99 	95 95 93 93 94	90 91 89 88 88	92 93 90 90 91
26 27 28 29 30 31	100 102 95 87 85 89	82 86 85 79 80	88 95 90 84 82 84	120 114 99 96 90	90 93 86 85 80	106 106 91 91 83	 		 	98 97 98 101 98 100	91 93 92 92 96 95	93 95 95 96 96 97
MONTH												
		FEBRUARY		115	MARCH	100		APRIL		00	MAY	00
1 2 3 4 5	103 105 110 99 102	98 97 95 85 90	100 100 103 92 97	115 112 107 114 112	102 99 96 101 94	109 105 102 107 105	99 101 99	 77 86 86	87 91 93	90 102 92 86 90	58 41 76 75 74	80 78 84 80 81
6 7 8 9 10	100 99 119 131 128	94 95 95 105 92	98 97 105 118 111	94 102 117 	88 88 96 	91 94 105 	95 92 90 90	86 83 84 81	91 87 88 88	95 104 115 120	75 84 80 90	85 92 96 108 99
11 12	111									132	55	
13 14 15	110 114 123 123	93 99 100 104 108	102 105 108 112 115	 	 	 	 	 	 	132 102 93 93 118 106	55 70 70 76 80 78	91 84 84 93 93
14	110 114 123	99 100 104	105 108 112	 		 	 	 	 	102 93 93 118	70 70 76 80	91 84 84 93
14 15 16 17 18 19	110 114 123 123 109 104 115 119	99 100 104 108 100 97 95 103	105 108 112 115 104 101 103 111	 	 				 	102 93 93 118 106 143 121 86 95	70 70 76 80 78 80 78 76 80	91 84 84 93 93 108 90 81 87
14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	110 114 123 123 109 104 115 119 125 119 116 97 100 105	99 100 104 108 100 97 95 103 109 109 87 83 90 91	105 108 112 115 104 101 103 111 117 114 100 90 95 98 100 100				 83 90 92 100 102	 52 74 78 82 78	76 82 85 87 91	102 93 93 118 106 143 121 86 95 104 112 107 94 119 118	70 70 76 80 78 80 78 76 80 85 92 77 65 75 76	91 84 84 93 93 108 90 81 87 94 101 97 79 89 95 97 80 87
14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	110 114 123 123 109 104 115 119 125 119 116 97 100 105	99 100 104 108 100 97 95 103 109 109 87 83 90 91	105 108 112 115 104 101 103 111 117 114 100 90 95 98				 83 90 92 100	 52 74 78 82		102 93 93 118 106 143 121 86 95 104 112 107 94 119 118	70 70 76 80 78 80 78 76 80 85 92 77 65 75 76 75 76	91 84 84 93 93 93 108 90 81 87 94 101 97 79 89 95

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

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
	(OCTOBER		N	OVEMBE	R	D	ECEMBE	ER		JANUARY	7
1 2	 39	10	21				80 80	60 45	69 61			
3 4	48	7 9	18 21				92	50	74 77			
5	48 33	1	11	80	36	68	83 86	64 66	75			
6	55	0	27	78	57	72	82	62	70			
7 8	49 58	2 6	27 44				78 77	53 48	66 61			
9	64	34	50				93	52	73			
10	60	44	52				88	58	72			
11 12	48	7	36				89 80	56 62	73 73			
13 14	45 63	1 0	20 33				90 97	62 77	77 89			
15							101	67	81			
16							105	64	82			
17 18							110	68	87	86 87	82 79	84 82
19 20							111	71	91 	87 87	75 78	82 81
21							105	87	98	85	80	82
22										86	81	83
23 24										84 83	80 79	82 81
25										84	79	81
26 27				84 80	31 27	46 42				84 88	76 76	81 84
28				69	33	42				87	78	82
29 30				85 78	35 51	57 68				89 88	78 75	82 83
31										91	86	89
MONTH												
MONTH												
MONTH	F	EBRUAR	Y		MARCH			APRIL			MAY	
1	91	EBRUAR 81	Y 89	111	MARCH 75	92		APRIL		29	MAY 2	8
1 2 3	91 94 92	EBRUAR 81 84 71	89 89 83	111 105 106	MARCH 75 68 82	92 91 97	 94	APRIL 75	 84	29 74 87	MAY 2 2 16	8 32 54
1 2	91 94	EBRUAR 81 84	Y 89 89	111 105	MARCH 75 68	92 91		APRIL		29 74	MAY 2 2	8 32
1 2 3 4	91 94 92 89	EBRUARY 81 84 71 76	89 89 83 84	111 105 106 108	MARCH 75 68 82 83	92 91 97 98	 94 97	APRIL 75 81	 84 87	29 74 87 86	MAY 2 2 16 15	8 32 54 75
1 2 3 4 5	91 94 92 89 96 95 94	81 84 71 76 84 87 88	89 89 83 84 90 91	111 105 106 108 103 94 95	75 68 82 83 47 69 72	92 91 97 98 90 85 86	94 97 95 91 88	APRIL 75 81 83 76 79	 84 87 88 87 88	29 74 87 86 81 86 88	MAY 2 2 16 15 27 0 21	8 32 54 75 66 55 64
1 2 3 4 5 6 7 8 9	91 94 92 89 96 95 94 102 106	81 84 71 76 84 87 88 88 88	89 89 83 84 90 91 92 92 93	111 105 106 108 103 94 95 92	75 68 82 83 47 69 72 57	92 91 97 98 90 85 86 74	94 97 95 91 88 87 87	APRIL 75 81 83 76 79 78 76	84 87 88 87 88 87 84 83 84	29 74 87 86 81 86 88 98	MAY 2 2 16 15 27 0 21 26 6	8 32 54 75 66 55 64 65 43
1 2 3 4 5 6 7 8 9	91 94 92 89 96 95 94 102 106 112	81 84 71 76 84 87 88 88 88 88 83	89 89 83 84 90 91 92 92 93 94	111 105 106 108 103 94 95 92	75 68 82 83 47 69 72 57 	92 91 97 98 90 85 86 74	94 97 95 91 88 87	APRIL 75 81 83 76 79 78 76	84 87 88 87 88 87 84 83 84	29 74 87 86 81 86 88 98 111	MAY 2 2 16 15 27 0 21 26 6 10	8 32 54 75 66 55 64 65 43 48
1 2 3 4 5 6 7 8 9	91 94 92 89 96 95 94 102 106 112	81 84 71 76 84 87 88 88 88 83 82 90 99	89 89 83 84 90 91 92 92 93	111 105 106 108 103 94 95 92	75 68 82 83 47 69 72 57	92 91 97 98 90 85 86 74	94 97 95 91 88 87 87	APRIL 75 81 83 76 79 78 76	84 87 88 87 88 87 84 83 84	29 74 87 86 81 86 88 98	MAY 2 2 16 15 27 0 21 26 6	8 32 54 75 66 55 64 65 43
1 2 3 4 5 6 7 8 9 10	91 94 92 89 96 95 94 102 106 112	81 84 71 76 84 87 88 88 88 83 82 90 99	89 89 83 84 90 91 92 92 93 94 99 103 104	111 105 106 108 103 94 95 92	75 68 82 83 47 69 72 57 	92 91 97 98 90 85 86 74 	94 97 95 91 88 87	APRIL 75 81 83 76 79 78 76	84 87 88 87 88 87 84 83 84 	29 74 87 86 81 86 88 98 111 106	MAY 2 2 16 15 27 0 21 26 6 10 7 33 85	8 32 54 75 66 55 64 65 43 48 40 79 92
1 2 3 4 5 6 7 8 9 10	91 94 92 89 96 95 94 102 106 112	81 84 71 76 84 87 88 88 88 83 82 90 99	89 89 83 84 90 91 92 92 93 94	111 105 106 108 103 94 95 92	75 68 82 83 47 69 72 57 	92 91 97 98 90 85 86 74 	94 97 95 91 88 87	APRIL 75 81 83 76 79 78 76	84 87 88 87 88 87 84 83 84	29 74 87 86 81 86 88 98 111 106	MAY 2 2 16 15 27 0 21 26 6 10 7 33	8 32 54 75 66 55 64 65 43 48 40 79
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	91 94 92 89 96 95 94 102 106 112 108 107 110 110	81 84 71 76 84 87 88 88 88 83 82 90 99 99 98 90	89 89 83 84 90 91 92 92 93 94 99 103 104 105 105	111 105 106 108 103 94 95 92	75 68 82 83 47 69 72 57 	92 91 97 98 90 85 86 74 	94 97 95 91 88 87	APRIL 75 81 83 76 79 78 76	84 87 88 87 84 83 84 	29 74 87 86 81 86 88 98 111 106	MAY 2 2 16 15 27 0 21 26 6 10 7 33 85 44 26 23	8 32 54 75 66 55 64 65 43 48 40 79 92 79 67
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	91 94 92 89 96 95 94 102 106 112 108 107 110 110 117	81 84 71 76 84 87 88 88 88 83 82 90 99 99 99 98 90	89 89 83 84 90 91 92 92 93 94 99 103 104 105	111 105 106 108 103 94 95 92 	75 68 82 83 47 69 72 57 	92 91 97 98 90 85 86 74 	94 97 95 91 88 87 87 	APRIL 75 81 83 76 79 78 76	84 87 88 87 88 87 84 83 84 	29 74 87 86 81 86 88 98 111 106 104 101 96 84	MAY 2 2 16 15 27 0 21 26 6 10 7 33 85 44 26	8 32 54 75 66 55 64 65 43 48 40 79 92 79 67
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	91 94 92 89 96 95 94 102 106 112 108 107 110 110 117 105 99 102 105	81 84 71 76 84 87 88 88 83 82 90 99 99 99 98 90	89 89 83 84 90 91 92 92 93 94 99 103 104 105 105	111 105 106 108 103 94 95 92 	75 68 82 83 47 69 72 57	92 91 97 98 90 85 86 74 	94 97 95 91 88 87 87 	APRIL 75 81 83 76 79 78 76	84 87 88 87 84 83 84 	29 74 87 86 81 86 88 98 111 106 104 101 101 96 84 106 101 81 90	MAY 2 2 16 15 27 0 21 26 6 10 7 33 85 44 26 23 33 71 64	8 32 54 75 66 55 64 65 43 48 40 79 92 79 67 70 76 77 81
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	91 94 92 89 96 95 94 102 106 112 108 107 110 110 117 105 99 102 105 107	81 84 71 76 84 87 88 88 83 82 90 99 99 99 98 90 94 93 88 84 85	89 89 89 83 84 90 91 92 92 93 94 99 103 104 105 105 101 96 94 99 99	111 105 106 108 103 94 95 92 	75 68 82 83 47 69 72 57	92 91 97 98 90 85 86 74 	94 97 95 91 88 87 87 	APRIL 75 81 83 76 79 78 76	84 87 88 87 84 83 84 	29 74 87 86 81 86 88 98 111 106 104 101 101 96 84 106 101 81 90 103	MAY 2 2 16 15 27 0 21 26 6 10 7 33 85 44 26 23 33 71 64 80	8 32 54 75 66 55 64 65 43 48 40 79 92 79 67 70 76 77 81 89
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	91 94 92 89 96 95 94 102 106 112 108 107 110 117 105 99 102 105 107	81 84 71 76 84 87 88 88 83 82 90 99 99 99 98 90 94 93 88 84 85 87	89 89 83 84 90 91 92 92 93 94 99 103 104 105 101 96 94 99 99 105 91	111 105 106 108 103 94 95 92 	75 68 82 83 47 69 72 57	92 91 97 98 90 85 86 74 	94 97 95 91 88 87 87 	APRIL 75 81 83 76 79 78 76	84 87 88 87 84 83 84 	29 74 87 86 81 86 88 98 111 106 104 101 101 96 84 106 101 81 90 103	MAY 2 2 16 15 27 0 21 26 6 10 7 33 85 44 26 23 33 71 64 80 58 33	8 32 54 75 66 55 64 65 43 48 40 79 92 79 67 70 76 77 81 89 85 61
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	91 94 92 89 96 95 94 102 106 112 108 107 110 110 117 105 99 102 105 107	81 84 71 76 84 87 88 88 88 83 82 90 99 99 99 98 90 94 93 88 84 85	89 89 83 84 90 91 92 92 93 94 99 103 104 105 105 101 96 94 99 99 105 91 85	111 105 106 108 103 94 95 92 	75 68 82 83 47 69 72 57	92 91 97 98 90 85 86 74 	94 97 95 91 88 87 87 	APRIL 75 81 83 76 79 78 76	 84 87 88 87 84 83 84 	29 74 87 86 81 86 88 98 111 106 104 101 101 96 84 106 101 81 90 103	MAY 2 2 16 15 27 0 21 26 6 10 7 33 85 44 26 23 33 71 64 80 58 33 38	8 32 54 75 66 55 64 65 43 48 40 79 92 79 67 70 76 77 81 89 85 61 71
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	91 94 92 89 96 95 94 102 106 112 108 107 110 117 105 99 102 105 107	81 84 71 76 84 87 88 88 83 82 90 99 99 99 98 90 94 93 88 84 85 87	89 89 83 84 90 91 92 92 93 94 99 103 104 105 101 96 94 99 99 105 91	111 105 106 108 103 94 95 92 	75 68 82 83 47 69 72 57	92 91 97 98 90 85 86 74 	94 97 95 91 88 87 87 	APRIL 75 81 83 76 79 78 76	84 87 88 87 84 83 84 	29 74 87 86 81 86 88 98 111 106 104 101 101 96 84 106 101 81 90 103	MAY 2 2 16 15 27 0 21 26 6 10 7 33 85 44 26 23 33 71 64 80 58 33	8 32 54 75 66 55 64 65 43 48 40 79 92 79 67 70 76 77 81 89 85 61
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	91 94 92 89 96 95 94 102 106 112 108 107 110 117 105 99 102 105 107 110 107 92 96 101	81 84 71 76 84 87 88 88 88 83 82 90 99 99 99 98 90 94 93 88 84 85 87 82 79 85 87	89 89 89 83 84 90 91 92 92 93 94 99 103 104 105 105 101 96 94 99 99 105 91 92 93 94	111 105 106 108 103 94 95 92	75 68 82 83 47 69 72 57	92 91 97 98 90 85 86 74 	94 97 95 91 88 87 87 	APRIL 75 81 83 76 79 78 76	 84 87 88 87 84 83 84 55	29 74 87 86 81 86 88 98 111 106 104 101 101 96 84 106 101 81 90 103 98 98 87 108 88	MAY 2 2 16 15 27 0 21 26 6 10 7 33 85 44 26 23 33 71 64 80 58 33 38 65 52	8 32 54 75 66 55 64 65 43 48 40 79 92 79 67 70 76 77 81 89 85 61 71 79 71
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	91 94 92 89 96 95 94 102 106 112 108 107 110 110 117 105 99 102 105 107 110 107 92 96 101	81 84 71 76 84 87 88 88 88 83 82 90 99 99 98 90 94 93 88 84 85 87	89 89 89 83 84 90 91 92 92 93 94 99 103 104 105 105 101 96 94 99 99 105 91 91 92 93 94	111 105 106 108 103 94 95 92	75 68 82 83 47 69 72 57	92 91 97 98 90 85 86 74 	94 97 95 91 88 87 87	APRIL 75 81 83 76 79 78 76	 84 87 88 87 84 83 84 55 44 58	29 74 87 86 81 86 88 98 111 106 104 101 101 96 84 106 101 81 90 103 98 98 87 108 88	MAY 2 2 16 15 27 0 21 26 6 10 7 33 85 44 26 23 33 71 64 80 58 33 38 65 52 32 28 67	8 32 54 75 66 55 64 65 43 48 40 79 92 79 67 70 76 77 81 89 85 61 71 79 71
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	91 94 92 89 96 95 94 102 106 112 108 107 110 110 117 105 99 102 105 107 110 107 96 101	81 84 71 76 84 87 88 88 88 83 82 90 99 99 98 90 94 93 88 84 85 87 82 79 85 87	89 89 89 83 84 90 91 92 92 93 94 99 103 104 105 105 101 96 94 99 99 105 91 91 92 93 94	111 105 106 108 103 94 95 92	75 68 82 83 47 69 72 57	92 91 97 98 90 85 86 74 	94 97 95 91 88 87 87	APRIL 75 81 83 76 79 78 76 39 20 28 34 7	84 87 88 87 84 83 84 55 44 58 555 31	29 74 87 86 81 86 88 98 111 106 104 101 101 96 84 106 101 81 90 103 98 98 87 108 88 85 92 105 95	MAY 2 2 16 15 27 0 21 26 6 10 7 33 85 44 26 23 33 71 64 80 58 33 38 65 52 32 28 67 58	8 32 54 75 66 55 64 65 43 48 40 79 92 79 67 70 76 77 81 89 85 61 71 79 71
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	91 94 92 89 96 95 94 102 106 112 108 107 110 117 105 99 102 105 107 110 107 92 96 101	81 84 71 76 84 87 88 88 88 83 82 90 99 99 98 90 94 93 88 84 85 87 82 79 85 87	89 89 89 83 84 90 91 92 92 93 94 99 103 104 105 105 101 96 94 99 99 105 91 92 93 94	111 105 106 108 103 94 95 92	75 68 82 83 47 69 72 57	92 91 97 98 90 85 86 74 	94 97 95 91 88 87 87	APRIL 75 81 83 76 79 78 76	 84 87 88 87 84 83 84 55 44 58	29 74 87 86 81 86 88 98 111 106 104 101 101 96 84 106 101 81 90 103 98 98 87 108 88	MAY 2 2 16 15 27 0 21 26 6 10 7 33 85 44 26 23 33 71 64 80 58 33 38 65 52 32 28 67	8 32 54 75 66 55 64 65 43 48 40 79 92 79 67 70 76 77 81 89 85 61 71 79 71

$0209265810 \ {\tt NEUSE} \ {\tt RIVER} \ {\tt AT} \ {\tt CHANNEL} \ {\tt LIGHT} \ 9{\tt -\!\!\!\!-\!\!\!\!-\!\!\!\!\!-} Continued$

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

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