0209265810 NEUSE RIVER AT CHANNEL LIGHT 9

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

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

PERIOD OF DAILY RECORD. --

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

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

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

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

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

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

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

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

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

REMARKS.--Station operated in cooperation with the North Carolina Department of Environment and Natural Resources. The monitor was removed August 29, 1999 to prevent possible destruction of the equipment during Hurricanes Dennis and Floyd. It was reinstalled on October 5, 1999. Prior to June 1996, top constituents were monitored at 8 ft above streambed, mid constituents at 6 ft above streambed and bottom constituents, 2 ft above streambed. Beginning in June 1996, top constituents were monitored at 8 ft above streambed and bottom constituents, 2 ft above streambed. Salinity and dissolved oxygen, percent saturation are computed. The dissolved oxygen percent saturation is computed using a barometric pressure of 760mm of Hg beginning October 1, 2000. Salinity, minimum extremes are reported as <0.1 ppt. Dissolved oxygen, minimum extremes are reported as <1.0 mg/L. Dissolved oxygen, percent saturation, minimum extremes are reported as <10%.

EXTREMES FOR PERIOD OF DAILY RECORD .--

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

EXTREMES FOR CURRENT YEAR .--

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

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9--Continued

MEAN

7.7 7.7 7.8 7.9

8.0

DAY

MAX

5.7

4.8 4.9 4.8 5.2

MONTH

10.0

2.6

MIN

OCTOBER

4.7 3.7 3.7 4.3 4.1

MEAN

5.1 4.2 4.3 4.5 4.5

MAX

8.1 7.9 8.2 8.2

8.4

MIN

7.1 6.9 6.9 7.4 7.4

NOVEMBER

		5 00110	inaca			
ER	YEAR OCTO	BER 200	0 TO SEPI	EMBER 2001	L	
	MAX	MIN	MEAN	MAX	MIN	MEAN
	DE	CEMBER			JANUARY	
	9.9 10.2 9.9 8.2 7.3	9.0 9.5 8.2 6.6 6.1	9.4 9.8 9.4 7.2 6.4	8.6 8.0 8.7 8.3 10.8	7.5 7.3 6.9 7.0 7.1	8.2 7.5 7.5 7.5 8.2
	7.2 6.8 6.9 7.5 7.3	6.0 6.0 5.3 6.2 6.4	6.6 6.3 6.1 6.9 6.8	9.6 8.6 9.2 8.2 10.7	8.2 7.7 7.6 7.5 7.3	8.8 8.0 8.0 7.7 9.1

SALINITY (PARTS PER THOUSAND), TOP, WATER

6						0.0	/.5	0.1	0.1	20.0	/ • ±
7 8 9 10	5.5 5.6 5.4 4.9 7.4	3.7 3.2 3.2 2.8 3.6	4.4 4.0 4.1 3.3 5.3	8.3 8.1 8.1 10.2 11.5	6.7 6.3 7.0 7.0 9.3	7.4 7.9	7.2 6.8 6.9 7.5 7.3	6.0 6.0 5.3 6.2 6.4	6.6 6.3 6.1 6.9 6.8	9.6 8.6 9.2 8.2 10.7	8.2 7.7 7.6 7.5 7.3
11 12 13 14 15	6.8 6.8 7.0 6.2 6.7	5.3 6.1 5.4 4.5 4.4	6.3 6.5 6.0 5.3 5.2	10.4 9.5 9.5 9.7 9.8	8.8 8.8 8.7 8.6 8.8	9.5 8.9 8.8 9.0 9.4	6.5 8.0 8.0 8.0 8.2	5.7 6.2 7.4 7.5 7.7	6.2 7.5 7.7 7.8 8.0	10.2 10.6 10.0 10.0 10.1	7.9 8.4 8.9 8.8 8.3
16 17 18 19 20	6.4 6.2 5.6 5.6 5.9	4.8 5.1 5.0 4.9 5.0	5.5 5.5 5.2 5.3 5.3	10.0 10.0 10.6 10.4 10.3	8.8 9.2 9.5 9.5 9.4		8.1 8.4 8.6	7.4 7.9 7.8	7.6 8.2 8.1	10.2 10.6 10.7 11.5 12.2	9.3 9.5 9.3 9.9 10.2
21 22 23 24 25	6.4 7.1 8.4 7.9 8.3	4.9 5.8 7.0 7.0 7.4	5.6 6.4 7.5 7.4 7.7	10.7 10.6 10.5 10.4	9.3 9.1 10.2 9.8	9.9 10.0 10.3 10.2	8.7 8.8 8.8 7.6 7.2	7.2 7.4 6.9 6.0 6.4	8.0 7.8 7.5 7.1 6.7	12.0 11.6 11.8 10.3 10.4	10.9 11.3 10.3 7.3 7.2
26 27 28 29 30 31	8.2 8.8 8.3 8.4	7.2 7.2 7.4 7.7	 7.9 7.9 8.0 8.1	10.0 9.4 9.7 9.3 9.6	8.3 8.3 8.6 9.0	8.9 8.9 9.0 9.0 9.3	7.2 7.2 7.1 6.8 7.0 8.5	6.1 5.7 5.8 5.7 5.1 5.8	6.5 6.1 6.3 5.8 7.6	9.1 10.2 10.6 12.5 11.7	8.2 9.0 10.0 10.3 10.9
MONTH											
DAY	MAX	MIN FEBRUARY	MEAN	MAX	MIN MARCH	MEAN	MAX	MIN APRIL	MEAN	MAX	MIN MAY
1 2	11.5										
2 3 4 5	11.4 10.4 11.3 10.8	11.0 9.8 9.6 10.2 10.0	11.2 10.7 9.9 10.7 10.4	10.2 8.1 	6.2 6.1 	8.3 7.2 	6.3 6.9 6.2 5.0 5.8	3.3 5.0 3.1 2.6 4.3	4.1 6.2 4.5 3.6 5.0	8.3 8.2 7.6 10.7 7.5	6.9 7.3 5.9 5.6 5.0
3 4	11.4 10.4 11.3	9.8 9.6 10.2	10.7 9.9 10.7	8.1	6.1 	7.2	6.9 6.2 5.0	5.0 3.1 2.6	6.2 4.5 3.6	8.2 7.6 10.7	7.3 5.9 5.6
3 4 5 6 7 8 9	11.4 10.4 11.3 10.8 10.4 10.0 10.5	9.8 9.6 10.2 10.0 9.2 8.8 8.3 	10.7 9.9 10.7 10.4 9.7 9.2 9.3	8.1 	6.1 	7.2	6.9 6.2 5.0 5.8 5.2 5.7 5.4 6.9	5.0 3.1 2.6 4.3 3.4 2.6 2.6 2.9	6.2 4.5 3.6 5.0 4.5 4.3 3.4 3.9	8.2 7.6 10.7 7.5 9.6 11.0 11.1 10.9	7.3 5.9 5.6 5.0 5.7 7.2 7.9 8.3
3 4 5 6 7 8 9 10 11 12 13 14	11.4 10.4 11.3 10.8 10.4 10.0 10.5 11.7 11.0 	9.8 9.6 10.2 10.0 9.2 8.8 8.3 10.7 8.3 	10.7 9.9 10.7 10.4 9.7 9.3 11.2 10.1 	8.1 11.3	6.1 9.1	7.2 9.9 8.4 9.0 8.8 7.7 8.5	6.9 6.2 5.0 5.8 5.2 5.7 5.4 6.9 8.7 9.3 8.6 7.7	5.0 3.1 2.6 4.3 3.4 2.6 2.6 2.9 4.0 5.2 4.4 4.6 5.6	6.2 4.5 3.6 5.0 4.5 4.3 3.4 3.9 5.7 7.7 6.7 6.2	8.2 7.6 10.7 7.5 9.6 11.0 11.1 10.9 8.8 10.9 11.1 10.2 10.9 11.1	7.3 5.9 5.6 5.0 5.7 7.2 7.9 8.3 7.3 6.8 8.3 9.4 9.2
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	11.4 10.4 11.3 10.8 10.4 10.0 10.5 11.7 11.0 11.7 11.0 11.5 	9.8 9.6 10.2 10.0 9.2 8.8 8.3 10.7 8.3 10.7 8.3 10.6 	10.7 9.9 10.7 10.4 9.7 9.2 9.3 11.2 10.1 11.2 10.1 11.1	8.1 11.3 10.0 9.8 9.4 8.5 9.5	6.1 9.1 7.7 8.3 8.3 8.3 7.0 7.1	7.2 9.9 8.4 9.0 8.8 7.7 8.5	6.9 6.2 5.0 5.8 5.2 5.7 5.4 6.9 8.7 9.3 8.6 8.6 7.7 6.8 7.3 8.4 9.6 8.5	5.0 3.1 2.6 4.3 3.4 2.6 2.9 4.0 5.2 4.4 4.6 5.6 3.7 3.9 4.8 6.1 6.9	6.2 4.5 3.6 5.0 4.3 3.4 3.9 5.7 7.7 6.7 6.2 5.0 5.4 6.2 7.9 7.5	8.2 7.6 10.7 7.5 9.6 11.0 11.1 10.9 8.8 10.9 11.1 10.2 10.9 11.1 10.8 10.9 11.1	7.3 5.9 5.0 5.0 7.2 7.9 8.3 7.3 6.8 8.3 9.4 9.2 8.6 9.1 10.3 9.6 9.2
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	11.4 10.4 11.3 10.8 10.4 10.0 10.5 11.7 11.0 11.7 11.0 11.5 11.5 10.0 9.8	9.8 9.6 10.2 10.0 9.2 8.8 8.3 10.7 8.3 10.7 8.3 10.6 10.6 7.2 7.3	10.7 9.9 10.7 10.4 9.7 9.2 9.3 11.2 10.1 11.2 10.1 11.1 11.1 8.6 8.9	8.1 11.3 10.0 9.8 9.4 8.5 9.5 11.9 11.8 8.3 8.7 9.4	6.1 9.1 7.7 8.3 8.3 8.3 7.5 7.5 7.5 6.8 5.7	7.2 9.9 8.4 9.0 8.8 7.7 8.5 10.7 9.0 7.9 7.8 7.2	6.9 6.2 5.0 5.8 5.2 5.7 5.4 6.9 8.7 9.3 8.6 7.7 6.8 7.3 8.6 8.5 8.7 8.5 8.7 8.5 8.7 8.5 8.7 8.4 9.8	5.0 3.1 2.6 4.3 3.4 2.6 2.9 4.0 5.2 4.4 4.6 5.6 3.7 3.9 4.8 6.1 6.9 7.2 6.5 6.2 6.1	$\begin{array}{c} 6.2\\ 4.5\\ 3.6\\ 5.0\\ 4.3\\ 3.4\\ 3.9\\ 5.7\\ 7.7\\ 6.2\\ 5.0\\ 5.4\\ 6.2\\ 5.0\\ 5.4\\ 7.5\\ 7.5\\ 7.5\\ 7.5\\ 7.9\\ \end{array}$	8.2 7.6 10.7 7.5 9.6 11.0 11.1 10.9 8.8 10.9 11.1 10.2 10.9 11.1 10.8 10.9 10.7 10.2 10.4 12.0 12.2 11.8 11.7	7.3 5.9 5.0 5.0 7.2 7.9 8.3 7.3 6.8 8.3 9.4 9.2 8.6 9.1 10.3 9.2 9.0 9.0 10.0 9.5

9.0

9.0 9.3 9.4 9.0

9.7 10.0 10.3 10.7 11.4

11.4

11.4 11.4 8.8 8.5

8.7 9.8 10.4 ---11.3

11.3 ---

MEAN

7.7 7.6 7.0 6.4 5.7

7.6 9.1 9.3 8.9 7.9

8.0 9.7 9.9 9.5 9.4

9.7 10.5 10.2 9.6 9.7

9.8 10.9 11.3 10.8 10.7

11.4 10.7 11.0 10.6

9.7

6.4

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9--Continued

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

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

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

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

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9--Continued

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

		SALINII	Y (PARTS	PER THOU	JSAND),	BOTTOM,	WATER YEAR	OCTOBER	2000 TO	SEPTEMBER	2001	
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.7	11.0	11.3	10.7	8.0	9.7	11.5	4.0	8.5	9.4	7.1	8.4
2	11.7	10.1	10.8	11.2	8.3	9.7	9.7	5.7	6.8	10.7	7.8	9.0
3 4	11.7 11.5		10.3 10.7				11.7 10.8	4.2 4.0	8.7 7.0	11.4 12.7	9.0 9.1	10.4 11.1
5	11.5	9.9	10.6				6.6	4.6	5.3	13.7	10.0	12.7
6	11.7	9.7	10.5				8.0	4.6	5.2	13.7	6.5	10.1
7		9.1	10.4				7.8	4.1	5.6	11.2	8.5	10.4
8 9	12.4	9.7	11.2				11.7 13.9	4.4 7.7	8.5 11.4	$11.1 \\ 11.4$	8.1 8.5	9.9 9.6
10							14.1	5.2	11.2	11.3	8.4	10.1
11							10.4	7.2	8.4	11.7	9.0	10.8
12 13	$11.5 \\ 11.1$	10.8 9.8	11.2 10.7	11.3	 9.3	10.1	13.0 13.6	8.0 5.1	10.2 8.5	11.7 11.0	9.2 9.6	10.3 10.1
14							10.5	5.6	7.5	11.1	9.2	9.7
15				11.8	8.2	10.0	13.5	5.8	9.6	11.8	9.2	10.3
16				11.3	8.4 8.5	9.8 9.5	8.5	4.6	6.2 6.9	12.2	9.5	10.7
17 18	11.3	10.5	11.0	10.9 9.1	8.5 7.0	9.5	8.8 9.7	6.0 6.3	6.9 8.2	11.0 10.8	10.3 9.7	10.6 10.5
19 20				9.5 11.9	7.2 9.0	8.6 10.8	10.1 10.8	7.3 7.7	8.3 8.7	11.2 12.9	9.5 9.3	10.1 10.7
21 22				11.8 8.9	8.0 7.5	9.5 8.1	11.1 10.7	7.7 8.1	8.7 8.8	13.6 12.4	10.2 10.2	11.9 11.2
23	11.9	8.6	9.9	9.9	7.4	8.2	11.7	7.8	9.4	12.4	10.9	11.5
24 25	11.0 11.6	8.2 9.8	9.9 10.5	11.2 9.5	7.1 7.2	8.6 8.4	14.3 10.6	8.5 8.5	11.3 9.1	12.4 12.8	10.4 10.5	11.3 11.7
26				9.0	7.5	8.0	9.8	7.9	8.9	13.5	10.8	12.5
20	10.8	10.1	10.4	8.9	6.6	7.7		7.2	8.9	16.5	10.8	12.5
28 29	10.6	9.5	10.1		7.1	7.5 7.2	10.0 9.8	7.3 9.0	8.4 9.5	12.4 13.9	8.3	10.9 11.7
30					6.1 5.6		9.7	8.3	8.9		10.0 9.3	11.4
31				9.8	5.8	8.1						
MONTH							14.3	4.0	8.4			
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX		MEAN	MAX		MEAN	MAX		MEAN	MAX		
		JUNE			JULY			AUGUST			SEPTEMB:	ER
DAY 1 2	MAX		MEAN 	MAX 16.3 16.2		MEAN 14.0 12.1			MEAN 	MAX 18.9 19.0	SEPTEMB	
1 2 3	 11.5	JUNE 10.2	 10.9	16.3 16.2 12.9	JULY 9.8 10.0 11.0	14.0 12.1 12.1		AUGUST 		18.9 19.0 16.0	SEPTEMB 11.6 12.4 13.5	ER 16.2 16.3 14.3
1 2		JUNE 10.2		16.3 16.2 12.9	JULY 9.8 10.0	14.0 12.1		AUGUST 		18.9 19.0	SEPTEMB 11.6 12.4	ER 16.2 16.3
1 2 3 4 5	 11.5 12.4 13.3	JUNE 10.2 10.7 10.2	 10.9 11.2 11.5	16.3 16.2 12.9 13.8 12.6	JULY 9.8 10.0 11.0 12.0 11.6	14.0 12.1 12.1 12.5 12.0	 	AUGUST	 	18.9 19.0 16.0 15.5 15.1	SEPTEMB 11.6 12.4 13.5 13.4 12.7	ER 16.2 16.3 14.3 14.3 13.9
1 2 3 4 5 6 7	 11.5 12.4 13.3 14.5 13.3	JUNE 10.2 10.7 10.2 9.6 9.1	10.9 11.2 11.5 11.6 10.5	16.3 16.2 12.9 13.8 12.6 13.0 13.0	JULY 9.8 10.0 11.0 12.0 11.6 10.7 11.5	14.0 12.1 12.1 12.5 12.0 11.7 12.2	 15.4 16.8	AUGUST	 13.3 15.8	18.9 19.0 16.0 15.5 15.1 15.1 14.7	SEPTEMB 11.6 12.4 13.5 13.4 12.7 12.8 13.7	ER 16.2 16.3 14.3 14.3 13.9 14.2 14.0
1 2 3 4 5 6 7 8	 11.5 12.4 13.3 14.5 13.3 14.6	JUNE 10.2 10.7 10.2 9.6 9.1 8.6	10.9 11.2 11.5 11.6 10.5 10.7	16.3 16.2 12.9 13.8 12.6 13.0	JULY 9.8 10.0 11.0 12.0 11.6 10.7	14.0 12.1 12.1 12.5 12.0 11.7	 15.4 16.8 17.7	AUGUST	 13.3 15.8 17.0	18.9 19.0 16.0 15.5 15.1 15.1 14.7 14.4	SEPTEMB 11.6 12.4 13.5 13.4 12.7 12.8 13.7 13.9	ER 16.2 16.3 14.3 14.3 13.9 14.2 14.0 14.2
1 2 3 4 5 6 7	 11.5 12.4 13.3 14.5 13.3	JUNE 10.2 10.7 10.2 9.6 9.1 8.6	10.9 11.2 11.5 11.6 10.5	16.3 16.2 12.9 13.8 12.6 13.0 13.0 12.6	JULY 9.8 10.0 11.0 12.0 11.6 10.7 11.5 11.6	14.0 12.1 12.5 12.0 11.7 12.2 12.0 	15.4 16.8 17.7 19.2 20.2	AUGUST	 13.3 15.8 17.0 18.0 19.0	18.9 19.0 16.0 15.5 15.1 14.7 14.4 14.7 14.6	SEPTEMB 11.6 12.4 13.5 13.4 12.7 12.8 13.7	ER 16.2 16.3 14.3 14.3 13.9 14.2 14.0
1 2 3 4 5 6 7 8 9 10	11.5 12.4 13.3 14.5 13.3 14.6 14.9 15.1	JUNE 10.2 10.7 10.2 9.6 9.1 8.6 10.0 10.5	10.9 11.2 11.5 11.6 10.5 10.7 12.2 13.7	16.3 16.2 12.9 13.8 12.6 13.0 13.0 12.6	JULY 9.8 10.0 11.0 12.0 11.6 10.7 11.5 11.6 	14.0 12.1 12.5 12.0 11.7 12.2 12.0	15.4 16.8 17.7 19.2 20.2	AUGUST	 13.3 15.8 17.0 18.0 19.0	18.9 19.0 16.0 15.5 15.1 15.1 14.7 14.4 14.7 14.6	SEPTEMB 11.6 12.4 13.5 13.4 12.7 12.8 13.7 13.9 13.8 13.3	ER 16.2 16.3 14.3 14.3 13.9 14.2 14.0 14.2 14.4
1 2 3 4 5 6 7 8 9 10	11.5 12.4 13.3 14.5 13.3 14.6 14.9 15.1	JUNE 10.2 10.7 10.2 9.6 9.1 8.6 10.0 10.5	10.9 11.2 11.5 11.6 10.5 10.7 12.2 13.7	16.3 16.2 12.9 13.8 12.6 13.0 13.0 12.6	JULY 9.8 10.0 11.0 12.0 11.6 10.7 11.5 11.6 	14.0 12.1 12.5 12.0 11.7 12.2 12.0	15.4 16.8 17.7 19.2 20.2	AUGUST	 13.3 15.8 17.0 18.0 19.0	18.9 19.0 16.0 15.5 15.1 15.1 14.7 14.4 14.7 14.6	SEPTEMB 11.6 12.4 13.5 13.4 12.7 12.8 13.7 13.9 13.8 13.3	ER 16.2 16.3 14.3 13.9 14.2 14.0 14.2 14.4 13.9 13.8 13.4
1 2 3 4 5 6 7 8 9 10	11.5 12.4 13.3 14.5 13.3 14.6 14.9 15.1	JUNE 10.2 10.7 10.2 9.6 9.1 8.6 10.0 10.5	10.9 11.2 11.5 11.6 10.5 10.7 12.2 13.7	16.3 16.2 12.9 13.8 12.6 13.0 13.0 12.6	JULY 9.8 10.0 11.0 12.0 11.6 10.7 11.5 11.6 	14.0 12.1 12.5 12.0 11.7 12.2 12.0	 15.4 16.8 17.7 19.2 20.2 21.7 21.9 22.8 22.6	AUGUST	 13.3 15.8 17.0 18.0 19.0	18.9 19.0 16.0 15.5 15.1 15.1 14.7 14.4 14.7 14.6	SEPTEMB 11.6 12.4 13.5 13.4 12.7 12.8 13.7 13.9 13.8 13.3	ER 16.2 16.3 14.3 14.3 13.9 14.2 14.0 14.2 14.4 13.9 13.8 13.4 13.8 13.7
1 2 3 4 5 6 7 8 9 10	11.5 12.4 13.3 14.5 13.3 14.6 14.9 15.1	JUNE 10.2 10.7 10.2 9.6 9.1 8.6 10.0 10.5	10.9 11.2 11.5 11.6 10.5 10.7 12.2 13.7	16.3 16.2 12.9 13.8 12.6 13.0 13.0 12.6	JULY 9.8 10.0 11.0 12.0 11.6 10.7 11.5 11.6 	14.0 12.1 12.5 12.0 11.7 12.2 12.0	 15.4 16.8 17.7 19.2 20.2 21.7 21.9 22.8 22.6	AUGUST	 13.3 15.8 17.0 18.0 19.0	18.9 19.0 16.0 15.5 15.1 15.1 14.7 14.4 14.7 14.6	SEPTEMB 11.6 12.4 13.5 13.4 12.7 12.8 13.7 13.9 13.8 13.3	ER 16.2 16.3 14.3 14.3 13.9 14.2 14.0 14.2 14.4 13.9 13.8 13.4 13.8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	11.5 12.4 13.3 14.5 13.3 14.6 14.9 15.1 15.9 17.2 17.3 17.2 15.1	JUNE 10.2 10.7 10.2 9.6 9.1 8.6 10.0 10.5 13.2 12.7 14.5 14.5 12.6 	10.9 11.2 11.5 11.6 10.5 10.7 12.2 13.7 14.4 15.5 16.2 15.5 13.5	16.3 16.2 12.9 13.8 12.6 13.0 13.0 13.0 12.6 14.2 12.0 13.4	JULY 9.8 10.0 11.0 11.0 11.6 10.7 11.5 11.6 11.6 1.2 10.1 10.4	14.0 12.1 12.5 12.0 11.7 12.2 12.0 12.4 11.6 11.5	 15.4 16.8 17.7 19.2 20.2 21.7 21.9 22.8 22.6 	AUGUST	 13.3 15.8 17.0 18.0 19.0 20.2 20.3 21.6 18.8 	18.9 19.0 16.0 15.5 15.1 14.7 14.4 14.7 14.6 14.8 14.5 14.0 15.0 15.3	SEPTEMB: 11.6 12.4 13.5 13.4 12.7 12.8 13.7 13.9 13.8 13.3 12.8 13.5 12.9 13.9	ER 16.2 16.3 14.3 14.3 13.9 14.2 14.0 14.2 14.4 13.9 13.8 13.4 13.7 14.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	11.5 12.4 13.3 14.5 13.3 14.6 15.1 15.9 17.2 17.3 17.2 15.1	JUNE 10.2 10.7 10.2 9.6 9.1 8.6 10.0 10.5 13.2 12.7 14.5 12.6 	10.9 11.2 11.5 11.6 10.5 10.7 12.2 13.7 14.4 15.5 16.2 15.5 13.5	16.3 16.2 12.9 13.8 12.6 13.0 13.0 13.0 12.6 14.2 12.0 13.4	JULY 9.8 10.0 11.0 12.00 11.6 10.7 11.5 11.6 11.6 11.2 10.1 10.4 13.0 10.5	14.0 12.1 12.5 12.0 11.7 12.2 12.0 12.4 11.6 11.5	 15.4 16.8 17.7 19.2 20.2 21.7 21.9 22.8 22.6 	AUGUST	 13.3 15.8 17.0 18.0 19.0 20.2 20.3 21.6 18.8 	18.9 19.0 16.0 15.5 15.1 14.7 14.4 14.7 14.6 14.8 14.5 14.0 15.0 15.3	SEPTEMB: 11.6 12.4 13.5 13.4 12.7 12.8 13.7 13.9 13.8 13.3 12.8 13.5 12.9 13.9	ER 16.2 16.3 14.3 14.3 13.9 14.2 14.0 14.2 14.4 13.9 13.8 13.4 13.7 14.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	11.5 12.4 13.3 14.5 13.3 14.5 13.3 14.9 15.1 15.9 17.2 17.3 17.2 15.1 14.9 14.6	JUNE 10.2 10.7 10.2 9.6 9.1 8.6 10.0 10.5 13.2 12.7 14.5 14.5 14.5 12.6 11.5 10.7	10.9 11.2 11.5 11.6 10.5 10.7 12.2 13.7 14.4 15.5 16.2 15.5 13.5	16.3 16.2 12.9 13.8 12.6 13.0 13.0 13.0 12.6 14.2 12.0 13.4	JULY 9.8 10.0 11.0 11.0 10.7 11.5 11.6 11.6 10.7 11.5 11.0 11.0 11.2 10.1 10.1 10.2 10.1 10.2	14.0 12.1 12.5 12.0 11.7 12.2 12.0 12.4 11.6 11.5	 15.4 16.8 17.7 19.2 20.2 21.7 21.9 22.8 22.6 	AUGUST	 13.3 15.8 17.0 18.0 19.0 20.2 20.3 21.6 18.8 	18.9 19.0 16.0 15.5 15.1 14.7 14.4 14.7 14.6 14.8 14.5 14.0 15.0 15.3	SEPTEMB: 11.6 12.4 13.5 13.4 12.7 12.8 13.7 13.9 13.8 13.3 12.8 13.5 12.9 13.9	ER 16.2 16.3 14.3 14.3 13.9 14.2 14.0 14.2 14.4 13.9 13.8 13.4 13.7 14.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	11.5 12.4 13.3 14.5 13.3 14.6 14.9 15.1 15.9 17.2 17.3 17.2 15.1 17.2 17.3 17.2 15.1	JUNE 10.2 10.7 10.2 9.6 9.1 8.6 10.0 10.5 13.2 12.7 14.5 12.6 11.5 10.7 10.2	10.9 11.2 11.5 11.6 10.5 10.7 12.2 13.7 14.4 15.5 16.2 15.5 13.5 13.7 11.9 11.5	16.3 16.2 12.9 13.8 12.6 13.0 13.0 12.6 14.2 12.0 13.4 14.7 15.3 15.2 14.9 11.4	JULY 9.8 10.0 11.0 12.0 11.6 10.7 11.5 11.6 11.6 10.2 10.1 10.4 13.0 10.5 10.6 10.1	14.0 12.1 12.5 12.0 11.7 12.2 12.0 12.4 11.6 11.5 12.9 14.2 13.4 12.9 14.2 13.4	 15.4 16.8 17.7 19.2 20.2 21.7 21.9 22.8 22.6 21.4 20.8 20.7 20.8	AUGUST	 13.3 15.8 17.0 19.0 20.2 20.3 21.6 18.8 18.9 17.7 16.9 18.8	18.9 19.0 16.0 15.5 15.1 14.7 14.4 14.7 14.6 14.8 14.5 14.0 15.3 15.3 16.5 16.4 16.5 15.8	SEPTEMB: 11.6 12.4 13.5 13.4 12.7 12.8 13.7 13.9 13.8 13.3 12.8 13.5 12.9 13.9 13.9 12.6 12.0 14.7 14.0 14.1	ER 16.2 16.3 14.3 13.9 14.2 14.0 14.2 14.0 14.2 14.4 13.9 13.8 13.4 13.8 13.7 14.6 14.0 14.7 15.7 15.7 14.9
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	 11.5 12.4 13.3 14.5 13.3 14.6 14.9 15.1 15.9 17.2 15.1 14.9 14.6 13.5 14.7	JUNE 10.2 10.7 10.2 9.6 9.1 8.6 10.0 10.5 13.2 12.7 14.5 14.5 14.5 12.6 11.5 10.7 10.2 9.7	10.9 11.2 11.5 11.6 10.5 10.7 12.2 13.7 14.4 15.5 16.2 15.5 13.5 13.7 11.9 11.5 12.4	16.3 16.2 12.9 13.8 12.6 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0	JULY 9.8 10.0 11.0 12.0 11.6 10.7 11.5 11.6 1 10.7 11.5 10.0 10.7 11.5 10.0 10.7 11.5 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 11.0 10.0 11.0 10.0 11.0 10.0 11.0 10.0 11.0 10.0 11.0 10.0 11.0 10.0 11.5 10.0 10.0 10.0 11.5 10.0 10.0 10.0 10.0 10.0 11.5 10.6 10.7 11.5 10.6 10.6 10.7 11.5 10.6 10.0 1	14.0 12.1 12.5 12.0 11.7 12.2 12.0 12.4 11.6 11.5 12.9 14.2 13.4 10.9 9 0.2 9	15.4 16.8 17.7 19.2 20.2 21.7 21.9 22.8 22.6 21.4 20.8	AUGUST	 13.3 15.8 17.0 18.0 19.0 20.2 20.3 21.6 18.8 18.9 17.7 16.9 18.8	18.9 19.0 16.0 15.5 15.1 14.7 14.4 14.7 14.6 14.8 14.5 14.0 15.3 16.5 15.3 16.5 15.8	SEPTEMB: 11.6 12.4 13.5 13.4 12.7 12.8 13.7 13.9 13.8 13.3 12.8 13.5 12.9 13.9 12.6 12.0 14.7 14.1 12.5	ER 16.2 16.3 14.3 14.3 13.9 14.2 14.0 14.2 14.4 13.9 13.8 13.4 13.4 13.7 14.6 14.0 14.7 15.7 14.9 14.9
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	11.5 12.4 13.3 14.5 13.3 14.6 14.9 15.1 15.9 17.2 17.3 17.2 15.1 17.2 17.3 17.2 15.1 14.9 14.6 13.5 14.7 14.4 14.7	JUNE 10.2 10.7 10.2 9.6 9.1 8.6 10.0 10.5 13.2 12.7 14.5 12.6 11.5 10.7 10.2 9.7 10.2	10.9 11.2 11.5 11.6 10.5 10.7 12.2 13.7 14.4 15.5 16.2 15.5 13.5 13.7 11.9 11.5 12.4	16.3 16.2 12.9 13.8 12.6 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0	JULY 9.8 10.0 11.0 12.0 11.6 10.7 11.5 11.6 1 10.7 11.5 10.0 10.7 11.5 10.0 10.7 11.5 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 11.0 10.0 11.0 10.0 11.0 10.0 11.0 10.0 11.0 10.0 11.0 10.0 11.0 10.0 11.5 10.0 10.0 10.0 11.5 10.0 10.0 10.0 10.0 10.0 11.5 10.6 10.7 11.5 10.6 10.6 10.7 11.5 10.6 10.0 1	14.0 12.1 12.5 12.0 11.7 12.2 12.0 12.4 11.6 11.5 12.9 14.2 13.4 10.9 9 0.2 9	15.4 16.8 17.7 19.2 20.2 21.7 21.9 22.8 22.6 21.4 20.8	AUGUST	 13.3 15.8 17.0 18.0 19.0 20.2 20.3 21.6 18.8 18.9 17.7 16.9 18.8	18.9 19.0 16.0 15.5 15.1 14.7 14.4 14.7 14.6 14.8 14.5 14.0 15.3 16.5 15.3 16.5 15.8	SEPTEMB: 11.6 12.4 13.5 13.4 12.7 12.8 13.7 13.9 13.8 13.3 12.8 13.5 12.9 13.9 12.6 12.0 14.7 14.1 12.5	ER 16.2 16.3 14.3 14.3 13.9 14.2 14.0 14.2 14.4 13.9 13.8 13.4 13.4 13.7 14.6 14.0 14.7 15.7 14.9 14.9
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	11.5 12.4 13.3 14.5 13.3 14.6 14.9 15.1 15.9 17.2 17.3 17.2 15.1 17.2 17.3 17.2 15.1 14.9 14.6 13.5 14.7 14.4 14.7	JUNE 10.2 10.7 10.2 9.6 9.1 8.6 10.0 10.5 13.2 12.7 14.5 14.5 14.5 14.5 14.5 12.6 11.5 10.7 10.2 9.7 10.2 10.7 10.5 10.5	10.9 11.2 11.5 11.6 10.5 10.7 12.2 13.7 14.4 15.5 16.2 15.5 13.5 13.7 11.9 11.5 12.4	16.3 16.2 12.9 13.8 12.6 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0	JULY 9.8 10.0 11.0 12.0 11.6 10.7 11.5 11.6 1 10.7 11.5 10.0 10.7 11.5 10.0 10.7 11.5 10.0 10.0 10.0 10.0 10.0 10.0 10.0 11.0 10.0 11.0 10.0 11.0 10.0 11.0 10.0 11.0 10.0 11.0 10.0 11.0 10.0 11.5 10.0 11.5 10.0 10.0 10.0 11.5 10.0 11.5 10.0 1	14.0 12.1 12.5 12.0 11.7 12.2 12.0 12.4 11.6 11.5 12.9 14.2 13.4 10.9 9 0.2 9	15.4 16.8 17.7 19.2 20.2 21.7 21.9 22.8 22.6 21.4 20.8	AUGUST	 13.3 15.8 17.0 18.0 19.0 20.2 20.3 21.6 18.8 18.9 17.7 16.9 18.8	18.9 19.0 16.0 15.5 15.1 14.7 14.4 14.7 14.6 14.8 14.5 14.0 15.3 16.5 15.3 16.5 15.8	SEPTEMB: 11.6 12.4 13.5 13.4 12.7 12.8 13.7 13.9 13.8 13.3 12.8 13.3 12.8 13.5 12.9 13.9 12.6 12.0 14.7 14.1 12.5	ER 16.2 16.3 14.3 14.3 13.9 14.2 14.0 14.2 14.4 13.9 13.8 13.4 13.4 13.7 14.6 14.0 14.7 15.7 14.9 14.9
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	11.5 12.4 13.3 14.5 13.3 14.6 14.9 15.1 15.9 17.2 17.3 17.2 15.1 14.9 14.6 13.5 14.7 14.6 13.5	JUNE 10.2 10.7 10.2 9.6 9.1 8.6 10.0 10.5 13.2 12.7 14.5 12.7 14.5 12.6 11.5 10.7 10.2 9.7 10.2 9.7 10.2 10.7 10.5 10.5 10.7 10.5 10.5 10.7 10.5 10.5 10.7 10.2 10.7 10.5 10.5 10.7 10.5 10.5 10.7 10.5 10.7 10.5 10.5 10.7 10.5 10.5 10.7 10.5 10.5 10.7 10.5 10.5 10.7 10.5 10.5 10.7 10.5 10.5 10.7 10.5 10.5 10.7 10.5 10.5 10.7 10.5 10.7 10.5 10.5 10.7 10.5 10.5 10.7 10.5 10.5 10.7 10.5 10.7 10.5 10.5 10.7 10.5 10.0 10.5 10.7 10.5 10.7 10.5 10.5 10.7 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.0 10.5 10.5 10.0 10.5	10.9 11.2 11.5 11.6 10.7 12.2 13.7 14.4 15.5 16.2 15.5 13.5 13.5 13.5 13.7 11.9 11.5 12.4 13.1 13.2 12.4 13.2 12.4 10.7	16.3 16.2 12.9 13.8 12.6 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0	JULY 9.8 10.0 11.0 12.0 11.6 10.7 11.5 11.6 11.6 11.2 10.1 10.4 13.0 10.5 10.6 10.1 10.6 10.1 11.5 11.2 10.1 10.4 13.0 10.6 10.1 10.5 11.2 10.1 10.5 11.2 10.1 10.5 11.2 10.1 10.5 11.2 10.1 10.5 11.2 10.1 10.5 11.2 10.1 10.5 10.5 11.2 10.1 10.5 10.	14.0 12.1 12.1 12.5 12.0 11.7 12.2 12.0 12.4 11.6 11.5 12.9 14.2 13.4 10.9 11.1 11.8 11.8 11.8 12.3 12.5	 15.4 16.8 17.7 19.2 20.2 21.7 21.9 22.8 22.6 21.4 20.8 20.7 20.8 20.7 20.8 19.3 17.7 19.3 17.7 19.6 18.6	AUGUST	 13.3 15.8 17.0 18.0 19.0 20.2 20.3 21.6 18.8 18.9 17.7 16.9 18.8 16.8 16.5 12.5	$18.9 \\ 19.0 \\ 16.0 \\ 15.5 \\ 15.1 \\ 14.7 \\ 14.4 \\ 14.7 \\ 14.6 \\ 14.8 \\ 14.5 \\ 14.0 \\ 15.0 \\ 15.3 \\ 16.5 \\ 15.3 \\ 16.4 \\ 16.5 \\ 15.8 \\ 16.2 \\ 17.2 \\ 17.4 \\ 17.9 \\ 17.5 \\ $	SEPTEMB: 11.6 12.4 13.5 13.4 12.7 12.8 13.7 12.8 13.7 13.9 13.8 13.3 12.8 13.5 12.9 13.9 12.6 12.0 14.7 14.0 14.1 13.5 14.0 15.2 15.2 13.7	ER 16.2 16.3 14.3 14.3 13.9 14.2 14.0 14.2 14.4 13.9 13.8 13.4 13.8 13.4 13.8 13.7 14.6 14.0 14.7 15.7 14.9 14.8 15.7 16.4 16.5 15.0
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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	11.5 12.4 13.3 14.5 13.3 14.6 14.9 15.1 15.9 17.2 15.1 15.9 17.2 15.1 14.6 13.5 14.7 14.4 14.5 11.4 11.3 13.0 14.9 16.0	JUNE 10.2 10.7 10.2 9.6 9.1 8.6 10.0 10.5 13.2 12.7 14.5 14.5 12.6 11.5 10.7 10.2 9.7 10.0 11.5 10.5 10.0 9.7 10.0 1.5 10.5 10.0 9.7 9.7 9.7 9.7 9.7 9.7 9.7 9.7	10.9 11.2 11.5 11.6 10.7 12.2 13.7 14.4 15.5 13.7 14.4 15.5 13.7 14.3.1 13.2 12.4 13.1 13.2 12.4 13.1 13.2 12.4 13.1 13.2 12.4 13.1 13.2 12.4 13.1 13.2 12.4 13.1 13.2 12.4 13.1 13.2 12.4 13.1 15.5 12.3 14.4	16.3 16.2 12.9 13.8 12.6 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0	JULY 9.8 10.0 11.0 12.0 11.6 10.7 11.5 11.6 11.6 10.2 10.1 10.4 13.0 10.5 10.6 10.1 10.0 11.5 11.2 10.1 10.4 13.0 10.5 10.6 10.1 10.5 11.6 10.7 11.5 11.7 11.5 11.5 11.7 11.5 11.7 11.5 11.7 11.5 11.3 11.7 	14.0 12.1 12.1 12.5 12.0 11.7 12.2 12.0 12.4 11.6 11.5 12.9 14.2 13.4 12.4 12.4 12.5 12.9 14.2 13.4 12.5 12.9 11.1 11.8 12.5 12.5 12.1 11.8 12.5 12.5 12.5 12.5 12.5 12.5 12.5 12.5	 15.4 16.8 17.7 19.2 20.2 21.7 21.9 22.8 22.6 21.4 20.8 22.6 21.4 20.8 22.6 21.4 20.8 2.0 19.3 17.7 19.6 18.6 14.6 18.5 19.2 20.1 19.2 19.2 19.2 19.2 19.2 19.2 19.2 20.2 20.2 21.7 21.9 22.8 22.6 21.4 20.8 20.7 20.8 20.7 20.8 20.7 20.8 21.4 20.8 20.7 20.8 19.6 18.6	AUGUST	 13.3 15.8 17.0 18.0 19.0 20.2 20.3 21.6 18.8 18.9 17.7 16.9 18.8 18.8 18.8 18.9 17.7 16.5 12.5 11.7 15.5 16.5 12.5 11.7	18.9 19.0 19.0 16.0 15.5 15.1 14.7 14.4 14.7 14.6 14.8 14.5 15.3 15.3 16.5 15.3 16.5 15.8 16.2 17.2 17.4 17.9 17.5 15.5 15.5 15.4 16.9 13.3 13.1	SEPTEMB: 11.6 12.4 13.5 13.4 12.7 12.8 13.7 13.8 13.3 12.8 13.3 12.8 13.3 12.8 13.3 12.8 13.3 12.8 13.3 12.9 13.9 12.6 12.0 14.0 14.1 13.5 14.0 15.2 13.7 13.1 12.8 12.4 12.9 13.9 12.6 12.0 14.0 14.0 14.0 14.0 15.2 13.7 13.9 12.6 12.0 14.0 14.0 15.2 13.7 13.9 12.6 12.0 14.0 14.0 15.2 13.7 13.9 12.6 12.0 14.0 14.0 15.2 13.7 13.9 12.6 12.0 14.0 14.0 15.2 13.7 13.9 12.6 12.0 14.0 14.0 15.2 13.7 13.9 12.6 12.0 14.0 14.0 15.2 13.7 13.9 12.0 14.0 15.2 13.7 13.0 13.5 13.5 14.0 15.2 13.7 13.0 13.5 14.0 15.2 13.7 13.1 12.8 13.5 14.0 15.2 13.7 13.1 12.8 13.5 14.0 15.2 13.7 13.1 12.8 12.9 13.9 13.5 14.0 15.2 13.7 13.1 12.8 12.4 13.5 13.0 13.7 13.1 12.8 12.3 10.9 13.9 13.1 12.8 12.4 12.9 13.7 13.1 12.8 12.3 10.9 13.9 13.1 12.8 12.3 10.9 13.1 12.8 12.3 10.9	ER 16.2 16.3 14.3 14.3 14.3 13.9 14.2 14.0 14.2 14.4 13.9 13.8 13.4 13.8 13.4 13.8 13.7 14.6 14.0 14.7 15.7 14.9 14.8 15.7 16.4 15.7 16.5 15.0 13.8 14.1 13.6 12.0 13.8
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	 11.5 12.4 13.3 14.5 13.3 14.5 13.3 14.9 15.1 15.9 17.2 15.1 17.2 15.1 14.9 14.6 13.5 14.7 14.4 14.7 14.4 14.7 14.4 11.3 13.0 14.9	JUNE 10.2 10.7 10.2 9.6 9.1 8.6 10.0 10.5 13.2 12.7 14.5 14.5 12.6 11.5 10.7 10.2 9.7 10.0 11.5 10.5 10.0 9.7 10.0 1.5 10.5 10.0 9.7 9.7 9.7 9.7 9.7 9.7 9.7 9.7	10.9 11.2 11.5 11.6 10.7 12.2 13.7 14.4 15.5 13.5 13.7 11.9 11.5 12.4 13.1 13.2 12.4 10.7 10.4 10.5 12.3	16.3 16.2 12.9 13.8 12.6 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0	JULY 9.8 10.0 11.0 11.0 11.5 11.6 11.6 11.2 10.1 10.4 13.0 10.5 10.6 10.1 10.6 10.1 11.5 11.3 11.3 11.3 11.3 11.3	14.0 12.1 12.1 12.5 12.0 11.7 12.2 12.0 12.0 1.0 12.4 11.6 11.5 12.9 14.2 13.4 12.4 10.9 11.1 11.8 12.8 12.5 12.1 11.8 12.4 	 15.4 16.8 17.7 19.2 20.2 21.7 21.9 22.8 22.6 21.4 20.8 22.6 21.4 20.8 20.7 20.8 19.3 17.7 19.6 18.6 14.6 18.5 19.2 19.2 19.3 17.7 19.2 20.2 21.7 21.9 22.8 22.8 22.6 21.4 20.8 20.7 20.8 20.7 20.8 20.7 20.8 19.3 17.7 19.2 20.8 20.7 20.8 20.8 20.7 20.8 20.8 20.7 20.8 20.8 20.8 20.8 20.8 20.8 20.8 20.8 20.8 20.8 20.8 20.8 20.8 20.8 20.8 20.8 20.8 20.7 20.8	AUGUST 9.1 14.0 15.9 16.7 17.4 17.8 17.1 18.4 14.2 15.5 13.3 14.2 12.7 14.4 13.3 14.7 8.5 5.9 13.3 12.7 8.5 5.9 13.3 12.7	 13.3 15.8 17.0 18.0 19.0 20.2 20.3 21.6 18.8 18.9 17.7 16.9 18.8 18.9 17.7 16.5 12.5 11.7 15.5 16.5	18.9 19.0 16.0 15.5 15.1 14.7 14.4 14.4 14.7 14.6 14.8 14.5 15.0 15.3 15.3 16.5 15.3 16.4 16.5 15.8 16.2 17.4 17.9 17.5 15.5 15.4 16.9 13.3 13.1 	SEPTEMB: 11.6 12.4 13.5 13.4 12.7 12.8 13.7 13.8 13.3 12.8 13.3 12.8 13.5 12.9 13.9 12.6 12.0 14.1 13.5 14.0 14.1 13.5 14.0 15.2 13.7 13.1 12.8 12.4 13.7 13.9 12.6 12.0 14.7 14.0 14.7 14.0 14.7 14.0 14.7 14.0 15.2 13.7 13.5 12.9 13.9 12.6 12.0 13.5 12.9 13.9 12.6 12.0 13.5 12.9 13.9 12.6 12.0 14.7 14.7 14.0 14.7 14.0 14.7 14.0 15.2 13.7 13.5 14.7 14.0 15.2 13.7 13.9 12.8 12.8 12.9 13.9 12.6 12.0 14.7 14.0 14.1 13.5 14.0 15.2 13.7 13.9 13.5 14.0 15.2 13.7 13.9 13.9 13.5 14.7 14.0 15.2 13.7 13.9 13.9 13.5 14.0 15.2 13.7 13.9 13.5 14.0 15.2 13.7 13.9 13.5 13.9 14.0 15.2 13.7 13.1 12.8 12.8 13.7 13.1 12.8 12.3 10.9 13.7 13.1 12.8 12.3 10.9 13.7 13.1 12.8 12.3 10.9 13.7 13.1 12.8 12.3 10.9 13.7 13.1 12.8 12.3 10.9 13.7 13.1 12.8 12.3 10.9 13.7 13.1 12.8 12.3 10.9 13.7 13.1 12.8 12.3 10.9 13.7 13.1 12.8 12.3 10.9 13.7 13.1 12.8 12.3 10.9 13.7 13.1 13.7 13.1 13.5 13.1 13.5 13.1 13.5 13.7 13.1 13.5 13.7 13.1 13.5 13.1 13.5 13.1 13.5 13.7 13.1 13.5 13.7 13.1 13.5 13.7 13.1 13.5 13.7 13.1 13.5 13.7 13.1 13.5 13.7 13.1 13.5 13.7 13.1 13.5 13.7 13.1 13.5 13.7 13.1 13.5 13.7 13.1 13.5 13.7 13.1 13.5 13.7 13.1 13.5 13.7 13.1 13.5 13.7 13	ER 16.2 16.3 14.3 14.3 14.3 14.2 14.0 14.2 14.4 13.9 13.8 13.4 13.7 14.6 14.0 14.7 15.7 14.9 14.8 15.7 14.9 14.8 15.7 16.5 15.0 13.8 14.1 13.6 12.6 11.7
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	11.5 12.4 13.3 14.5 13.3 14.6 14.9 15.1 15.9 17.2 15.1 15.9 17.2 15.1 14.6 13.5 14.7 14.4 14.5 11.4 11.3 13.0 14.9 16.0	JUNE 10.2 10.7 10.2 9.6 9.1 8.6 10.0 10.5 13.2 12.7 14.5 14.5 12.6 11.5 10.7 10.2 9.7 10.0 11.5 10.5 10.0 9.7 10.0 1.5 10.5 10.0 9.7 9.7 9.7 9.7 9.7 9.7 9.7 9.7	10.9 11.2 11.5 11.6 10.7 12.2 13.7 14.4 15.5 13.7 14.4 15.5 13.7 14.3.1 13.2 12.4 13.1 13.2 12.4 13.1 13.2 12.4 13.1 13.2 12.4 13.1 13.2 12.4 13.1 13.2 12.4 13.1 13.2 12.4 13.1 13.2 12.4 13.1 15.5 12.3 14.4	16.3 16.2 12.9 13.8 12.6 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0	JULY 9.8 10.0 11.0 12.0 11.6 10.7 11.5 11.6 11.6 10.2 10.1 10.4 13.0 10.5 10.6 10.1 10.0 11.5 11.2 10.1 10.4 13.0 10.5 10.6 10.1 10.5 11.6 10.7 11.5 11.7 11.5 11.5 11.7 11.5 11.7 11.5 11.7 11.5 11.3 11.7 	14.0 12.1 12.1 12.5 12.0 11.7 12.2 12.0 12.4 11.6 11.5 12.9 14.2 13.4 12.4 12.4 12.5 12.9 14.2 13.4 12.5 12.9 11.1 11.8 12.5 12.5 12.1 11.8 12.5 12.5 12.5 12.5 12.5 12.5 12.5 12.5	 15.4 16.8 17.7 19.2 20.2 21.7 21.9 22.8 22.6 21.4 20.8 22.6 21.4 20.8 22.6 21.4 20.8 2.0 19.3 17.7 19.6 18.6 14.6 18.5 19.2 20.1 19.2 19.2 19.2 19.2 19.2 19.2 19.2 20.2 20.2 21.7 21.9 22.8 22.6 21.4 20.8 20.7 20.8 20.7 20.8 20.7 20.8 21.4 20.8 20.7 20.8 19.6 18.6	AUGUST	 13.3 15.8 17.0 18.0 19.0 20.2 20.3 21.6 18.8 18.9 17.7 16.9 18.8 18.9 17.7 16.5 12.5 11.7 15.5 16.5	18.9 19.0 16.0 15.5 15.1 14.7 14.4 14.4 14.7 14.6 14.8 14.5 15.0 15.3 15.3 16.5 15.3 16.4 16.5 15.8 16.2 17.4 17.9 17.5 15.5 15.4 16.9 13.3 13.1 	SEPTEMB: 11.6 12.4 13.5 13.4 12.7 12.8 13.7 13.8 13.3 12.8 13.3 12.8 13.3 12.8 13.3 12.8 13.3 12.8 13.3 12.9 13.9 12.6 12.0 14.0 14.1 13.5 14.0 15.2 13.7 13.1 12.8 12.4 12.9 13.9 12.6 12.0 14.0 14.0 14.0 14.0 15.2 13.7 13.9 12.6 12.0 14.0 14.0 15.2 13.7 13.9 12.6 12.0 14.0 14.0 15.2 13.7 13.9 12.6 12.0 14.0 14.0 15.2 13.7 13.9 12.6 12.0 14.0 14.0 15.2 13.7 13.9 12.6 12.0 14.0 14.0 15.2 13.7 13.9 12.6 12.0 14.0 14.0 15.2 13.7 13.9 12.0 14.0 15.2 13.7 13.0 13.5 13.5 14.0 15.2 13.7 13.0 13.5 14.0 15.2 13.7 13.1 12.8 13.5 14.0 15.2 13.7 13.1 12.8 13.5 14.0 15.2 13.7 13.1 12.8 12.9 13.9 13.5 14.0 15.2 13.7 13.1 12.8 12.4 13.5 13.0 13.7 13.1 12.8 12.3 10.9 13.9 13.1 12.8 12.4 12.9 13.7 13.1 12.8 12.4 12.9 13.7 13.1 12.8 12.3 10.9 13.1 12.8 12.3 10.9	ER 16.2 16.3 14.3 14.3 14.3 13.9 14.2 14.0 14.2 14.4 13.9 13.8 13.4 13.8 13.4 13.8 13.7 14.6 14.0 14.7 15.7 14.9 14.8 15.7 16.4 15.7 16.5 15.0 13.8 14.1 13.6 12.0 13.8

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9--Continued

	PH,	WATER,	WHOLE,	FIELD, STAN	IDARD UN	ITS, TOP,	WATER YEAR	OCTOBE	R 2000 TC	SEPTEMBE	R 2001	
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER	2	1	IOVEMBER		DE	CEMBER			JANUARY	
1	8.0	7.8	7.9	8.0	7.8	7.9	7.9	7.6	7.8	8.2	8.0	8.1
2	8.3	7.6	7.9	8.0	7.8	7.9	7.8	7.5	7.7	8.2	8.1	8.2
3 4	8.4 8.7	7.6 8.0	8.0 8.3	8.0 7.9	7.5 7.6	7.8 7.7	7.8 7.9	7.6 7.7	7.6 7.8	8.4 8.3	8.1 8.2	8.2 8.3
5	8.9	7.8	8.3	7.8	7.5	7.7	8.1	7.7	7.9	8.3	7.9	8.2
6	8.8	7.8	8.3	8.0	7.6	7.7	8.0	7.8	8.0	8.2	8.1	8.1
7	8.3	7.9	8.1	8.0	7.5	7.8	8.1	7.9	8.1	8.4	8.2	8.3
8 9	8.3 7.7	7.5 7.4	7.9 7.6	8.1 7.9	7.4 7.4	7.6 7.6	8.1 8.3	7.9 8.0	8.0 8.1	8.5 8.4	8.2 8.2	8.4 8.4
10	8.0	7.5	7.7	7.7	7.2	7.5	8.1	8.0	8.0	8.2	7.9	8.1
11	8.6	7.6	8.0	7.6	7.3	7.5	8.1	7.9	8.0	8.3	7.9	8.1
12 13	8.7 9.1	7.9 8.5	8.5 8.8	7.6 7.9	7.4 7.4	7.5 7.6	8.0 8.1	7.8 7.8	7.9 8.0	8.4 8.4	8.2 8.3	8.3 8.3
14	9.1	8.8	8.9	7.9	7.4	7.6	8.1	7.9	8.0	8.5	8.2	8.3
15	9.0	8.6	8.8	7.5	7.3	7.4	8.1	7.9	8.0	8.6	8.4	8.5
16 17	9.1 9.1	8.7 8.7	8.9 9.0	7.8 7.8	7.4 7.4	7.6 7.6	8.2	8.0	8.1	8.6 8.6	8.4 8.4	8.5 8.5
18	9.1	8.7	9.0	7.8	7.4	7.6	8.0	7.6	7.8	8.7	8.5	8.5
19 20	9.1 9.0	8.6 8.6	8.8 8.7	7.7 7.8	7.3 7.4	7.6 7.6	8.2 8.1	7.7 7.9	8.0 7.9	8.6 8.5	8.4 8.1	8.5 8.3
21 22	8.8 8.7	8.4 7.8	8.6 8.2				8.4 8.3	7.9 8.0	8.1 8.1	8.3 8.3	8.0 8.1	8.2 8.2
23	8.3	7.8	8.0				8.3	8.0	8.2	8.3	8.2	8.2
24 25	8.1 8.1	7.7 7.8	7.9 7.9				8.6 8.3	8.1 8.2	8.3 8.3	8.7 8.7	8.3 8.4	8.5 8.5
26							8.3	8.1	8.2	8.7	8.3	8.5
27	8.0	7.8	7.9	7.9	7.7	7.8	8.4	8.1	8.3	8.5	8.4	8.5
28 29	8.2	 7.8	 7.9	7.9 8.2	7.7 7.7	7.8 8.0	8.3 8.3	8.1 8.1	8.2 8.2	8.6	8.4	8.5
30	8.1	7.8	8.0	7.9	7.5	7.7	8.2	8.1	8.1	8.5	8.0	8.3
31	8.0	7.8	7.8				8.1	7.9	8.0	8.4	8.1	8.3
MONTH												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY		MIN FEBRUARY		MAX	MIN	MEAN		MIN APRIL	MEAN	MAX	MIN MAY	MEAN
	1	FEBRUARY			MARCH		2	APRIL			MAY	
1 2	8.3 8.4	FEBRUARY 8.2 8.3	8.3 8.4	8.4 8.3	MARCH 7.7 8.0	8.0 8.1	8.5 8.2	APRIL 7.6 7.6	8.0 7.9	8.1 8.4	MAY 7.2 7.3	7.5 7.8
1 2 3	8.3 8.4 8.5	FEBRUARY 8.2 8.3 8.4	8.3 8.4 8.4	8.4 8.3 	MARCH 7.7 8.0	8.0 8.1	8.5 8.2 7.9	APRIL 7.6 7.6 7.6	8.0 7.9 7.8	8.1 8.4 8.3	MAY 7.2 7.3 7.5	7.5 7.8 7.9
1 2	8.3 8.4	FEBRUARY 8.2 8.3	8.3 8.4	8.4 8.3	MARCH 7.7 8.0	8.0 8.1	8.5 8.2	APRIL 7.6 7.6	8.0 7.9	8.1 8.4	MAY 7.2 7.3	7.5 7.8
1 2 3 4	8.3 8.4 8.5 8.4	FEBRUARY 8.2 8.3 8.4 8.2	8.3 8.4 8.4 8.3	8.4 8.3 	MARCH 7.7 8.0 	8.0 8.1 	8.5 8.2 7.9 8.6	APRIL 7.6 7.6 7.6 7.5	8.0 7.9 7.8 8.0	8.1 8.4 8.3 8.2	MAY 7.2 7.3 7.5 7.3	7.5 7.8 7.9 7.9 8.0
1 2 3 4 5 6 7	8.3 8.4 8.5 8.4 8.3 8.4 8.4 8.5	FEBRUARY 8.2 8.3 8.4 8.2 8.2 8.2 8.2 8.3	8.3 8.4 8.4 8.3 8.3 8.3 8.3 8.4	8.4 8.3 	MARCH 7.7 8.0 	8.0 8.1 	8.5 8.2 7.9 8.6 8.8 8.8 8.6 8.9	APRIL 7.6 7.6 7.5 8.0 8.1 7.7	8.0 7.9 7.8 8.0 8.3 8.3 8.2	8.1 8.4 8.3 8.2 8.3 8.0 7.5	MAY 7.2 7.3 7.5 7.3 7.3 7.2 7.2	7.5 7.8 7.9 8.0 7.5 7.3
1 2 3 4 5 6	8.3 8.4 8.5 8.4 8.3 8.4 8.5 8.4 8.5 8.6	FEBRUARY 8.2 8.3 8.4 8.2 8.2 8.2 8.2 8.3 8.2 	8.3 8.4 8.3 8.3 8.3 8.4 8.4 8.4	8.4 8.3 	MARCH 7.7 8.0 	8.0 8.1 	8.5 8.2 7.9 8.6 8.8 8.8	APRIL 7.6 7.6 7.5 8.0 8.1 7.7 8.2 7.9	8.0 7.9 7.8 8.0 8.3 8.3	8.1 8.4 8.3 8.2 8.3 8.3	MAY 7.2 7.3 7.5 7.3 7.3 7.2	7.5 7.8 7.9 7.9 8.0 7.5 7.3 7.5 7.5
1 2 3 4 5 6 7 8	8.3 8.4 8.5 8.4 8.3 8.4 8.5 8.6	FEBRUARY 8.2 8.3 8.4 8.2 8.2 8.2 8.2 8.2 8.3 8.2	8.3 8.4 8.3 8.3 8.3 8.3 8.4 8.4	8.4 8.3 	MARCH 7.7 8.0 	8.0 8.1 	8.5 8.2 7.9 8.6 8.8 8.8 8.9 8.9	APRIL 7.6 7.6 7.5 8.0 8.1 7.7 8.2	8.0 7.9 7.8 8.0 8.3 8.3 8.2 8.5	8.1 8.4 8.3 8.2 8.3 8.0 7.5 7.7	MAY 7.2 7.3 7.5 7.3 7.3 7.2 7.2 7.2 7.3	7.5 7.8 7.9 7.9 8.0 7.5 7.3 7.5
1 2 3 4 5 6 7 8 9 10 11	8.3 8.4 8.5 8.4 8.3 8.4 8.5 8.6 	FEBRUARY 8.2 8.3 8.4 8.2 8.2 8.2 8.2 8.3 8.2 	8.3 8.4 8.4 8.3 8.3 8.3 8.3 8.4 8.4 	8.4 8.3 	MARCH 7.7 8.0 	8.0 8.1 	8.5 8.2 7.9 8.6 8.8 8.6 8.9 8.8 8.9 8.8 8.9 8.8 8.9 8.8	APRIL 7.6 7.6 7.5 8.0 8.1 7.7 8.2 7.9 7.4 7.7	8.0 7.9 7.8 8.0 8.3 8.3 8.2 8.5 8.4 8.1 8.2	8.1 8.4 8.3 8.2 8.3 8.0 7.5 7.7 7.8 8.0 8.0	MAY 7.2 7.3 7.5 7.3 7.3 7.2 7.2 7.3 7.1 7.4 7.3	7.5 7.8 7.9 8.0 7.5 7.3 7.5 7.5 7.5 7.7
1 2 3 4 5 6 7 8 9 10 11 12	8.3 8.4 8.5 8.4 8.3 8.4 8.5 8.6 8.1	FEBRUARY 8.2 8.3 8.4 8.2 8.2 8.2 8.2 8.3 8.2 8.0	8.3 8.4 8.4 8.3 8.3 8.3 8.4 8.4 8.0	8.4 8.3 	MARCH 7.7 8.0 	8.0 8.1 	8.5 8.2 7.9 8.6 8.8 8.6 8.9 8.8 8.9 8.8 8.9 8.8 8.8 8.4	APRIL 7.6 7.6 7.5 8.0 8.1 7.7 8.2 7.9 7.4 7.7 7.5	8.0 7.9 7.8 8.0 8.3 8.3 8.2 8.5 8.5 8.4 8.1 8.2 8.0	8.1 8.4 8.3 8.2 8.3 8.0 7.5 7.7 7.8 8.0 8.0 7.8	MAY 7.2 7.3 7.5 7.3 7.3 7.2 7.2 7.2 7.3 7.1 7.4 7.3 7.0	7.5 7.8 7.9 7.9 8.0 7.5 7.3 7.5 7.7 7.7 7.7
1 2 3 4 5 6 7 8 9 10 11 12 13 14	8.3 8.4 8.5 8.4 8.3 8.4 8.5 8.6 8.1 8.3 	FEBRUARY 8.2 8.3 8.2 8.2 8.2 8.2 8.2 8.2 8.2 8.2 8.3 8.2 8.2 8.3 8.2 8.3 8.2 8.3 8.2 8.3 8.2 8.3 8.2 8.3 8.2 8.3 8.2 8.2 8.3 8.4 8.4 8.4 8.4 8.4 8.4 8.4 8.4 8.4 8.4	8.3 8.4 8.4 8.3 8.3 8.3 8.4 8.4 8.4 8.0 8.1 	8.4 8.3 8.2	MARCH 7.7 8.0 7.7	8.0 8.1 8.0	8.5 8.2 7.9 8.6 8.8 8.6 8.9 8.8 8.9 8.8 8.9 8.8 8.9 8.8 8.4 8.4 8.3	APRIL 7.6 7.6 7.5 8.0 8.1 7.7 8.2 7.9 7.4 7.5 7.4 7.5	8.0 7.9 7.8 8.0 8.3 8.3 8.2 8.5 8.4 8.1 8.2 8.0 7.8 7.9	8.1 8.4 8.3 8.2 8.3 8.0 7.5 7.7 7.8 8.0 8.0 7.8 7.6 7.7	MAY 7.2 7.3 7.3 7.3 7.3 7.2 7.2 7.2 7.2 7.1 7.4 7.3 7.0 7.2 7.2	7.5 7.8 7.9 7.9 8.0 7.5 7.5 7.5 7.7 7.7 7.4 7.4
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	8.3 8.4 8.5 8.4 8.3 8.4 8.5 8.6 8.1 8.3 	FEBRUARY 8.2 8.3 8.4 8.2 8.2 8.2 8.3 8.2 8.3 8.2 8.0 8.0 8.0	8.3 8.4 8.3 8.3 8.3 8.4 8.4 8.4 8.0 8.1 	8.4 8.3 8.2 8.3	MARCH 7.7 8.0 7.7 8.0	8.0 8.1 8.0 8.2	8.5 8.2 7.9 8.6 8.8 8.6 8.9 8.8 8.9 8.8 8.9 8.8 8.4 8.4 8.4 8.4 8.3 8.5	APRIL 7.6 7.6 7.5 8.0 8.1 7.7 8.2 7.9 7.4 7.7 7.4 7.5 7.4 7.5 7.7	8.0 7.9 7.8 8.0 8.3 8.3 8.2 8.5 8.4 8.1 8.2 8.0 7.8 7.9 8.0	8.1 8.4 8.3 8.2 8.3 8.0 7.5 7.7 7.8 8.0 8.0 7.8 7.6 7.7 7.6	MAY 7.2 7.3 7.3 7.3 7.3 7.2 7.2 7.3 7.1 7.4 7.3 7.0 7.2 7.2 7.2 7.2	7.5 7.8 7.9 7.5 7.5 7.5 7.5 7.7 7.7 7.4 7.4 7.4 7.3
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	8.3 8.4 8.5 8.4 8.5 8.4 8.5 8.6 	FEBRUARY 8.2 8.3 8.2 8.2 8.2 8.2 8.3 8.2 8.2 8.3 8.2 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0	8.3 8.4 8.4 8.3 8.3 8.3 8.3 8.3 8.4 8.4 8.0 8.1 8.0 8.1 7.8 7.8 7.9 8.0	8.4 8.3 8.2 8.3 8.3 8.3 8.7 8.4 8.2 8.4 8.7	MARCH 7.7 8.0 7.7 7.7 8.0 8.0 8.2 8.5 8.5 8.5 8.0 7.8 8.0 7.8 8.0 7.8	8.0 8.1 8.0 8.1 8.2 8.1 8.5 8.7 8.4 8.0 8.1 8.1 8.1 8.3	8.5 8.2 7.9 8.6 8.8 8.9 8.8 8.9 8.8 8.9 8.8 8.4 8.4 8.4 8.3 8.5 7.9 7.7 7.6 7.7 7.6 7.7 7.8 7.7 8.2 7.9	APRIL 7.6 7.5 8.0 8.1 7.7 8.2 7.9 7.4 7.5 7.4 7.5 7.3 7.4 7.5 7.3 7.4 7.4 7.4 7.3 7.4 7.3 7.4 7.3 7.3	8.0 7.9 7.8 8.0 8.3 8.2 8.4 8.1 8.2 8.4 8.1 8.2 8.4 8.1 7.9 8.0 7.7 7.5 7.5 7.5 7.5 7.5 7.5 7.5	8.1 8.4 8.3 8.2 8.3 8.0 7.5 7.7 7.8 8.0 7.8 7.6 7.7 7.6 7.9 7.4 7.9 8.0 7.7 7.9 8.0 7.7 7.9 8.0	MAY 7.2 7.3 7.5 7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.5 7.8 7.9 8.0 7.5 7.5 7.5 7.7 7.7 7.4 7.4 7.4 7.4 7.5 7.5 7.5 7.7 7.4 7.4 7.5 7.5 7.5 7.5 7.7 7.4 7.5 7.5 7.5 7.5 7.7 7.4 7.5 7.5 7.5 7.5 7.5 7.7 7.4 7.5 7.7 7.8 7.9
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 9 20 21 22 23 24 25 26 27	8.3 8.4 8.5 8.4 8.3 8.4 8.5 8.6 8.1 8.3 7.9 8.1 8.1 7.9 8.1 8.1 7.9 7.9	FEBRUARY 8.2 8.3 8.4 8.2 8.2 8.2 8.2 8.2 8.2 8.2 8.2 8.2 8.2	8.3 8.4 8.4 8.3 8.3 8.3 8.3 8.4 8.4 8.4 8.4 8.0 8.1 7.9 8.0 8.1 7.9 8.0 7.9 8.0 7.9	8.4 8.3 8.2 8.3 8.3 8.7 8.8 8.7 8.4 8.3 8.2 8.4 8.2 8.4 8.2 8.4 8.3 8.2 8.4 8.3 8.2 8.4	MARCH 7.7 8.0 7.7 7.7 8.0 8.0 8.2 8.5 8.0 7.8 7.8 8.0 7.8 8.0 7.9 7.8 8.0	8.0 8.1 8.0 8.2 8.1 8.5 8.7 8.4 8.0 8.1 8.1 8.3 8.0 8.1 8.3	8.5 8.2 7.9 8.6 8.8 8.9 8.8 8.9 8.8 8.9 8.8 8.9 8.8 8.9 8.8 8.4 8.4 8.3 8.5 7.9 7.7 7.6 7.7 7.6 7.7 7.7 8.2 7.9 7.7	APRIL 7.6 7.5 8.0 8.1 7.7 7.5 7.4 7.7 7.5 7.4 7.5 7.7 7.5 7.3 7.3 7.3 7.3 7.4 7.4 7.4 7.3 7.3 7.3 7.3 7.3	8.0 7.9 7.8 8.0 8.3 8.3 8.2 8.4 8.1 8.2 8.4 8.1 8.2 8.0 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5	8.1 8.4 8.3 8.2 8.3 8.0 7.5 7.7 7.8 8.0 7.8 8.0 7.8 7.6 7.7 7.6 7.9 7.4 7.9 8.0 7.7 7.9 8.0 7.9 8.2 8.2 8.2 8.2	MAY 7.2 7.3 7.3 7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.5 7.8 7.9 7.9 7.5 7.5 7.7 7.7 7.4 7.4 7.4 7.5 7.5 7.7 7.4 7.4 7.5 7.5 7.5 7.5 7.5 7.7 7.4 7.5 7.5 7.5 7.5 7.7 7.4 7.5 7.5 7.5 7.5 7.7 7.4 7.5 7.6 7.7 7.8 7.5 7.6 7.7 7.8 7.9 7.6 7.7 7.9 7.6 7.6 7.5 7.6 7.7 7.6 7.5 7.6 7.5 7.6 7.5 7.6 7.5 7.6 7.5 7.6 7.5 7.6 7.5 7.6 7.5 7.6 7.5 7.6 7.5 7.6 7.5 7.6 7.5 7.6 7.5 7.6 7.5 7.6 7.5 7.6 7.5 7.6 7.5 7.6
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	8.3 8.4 8.5 8.4 8.5 8.6 	FEBRUARY 8.2 8.3 8.2 8.2 8.2 8.2 8.2 8.3 8.2 8.2 8.3 8.2 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0	8.3 8.4 8.4 8.3 8.3 8.3 8.3 8.3 8.4 8.4 8.4 8.0 8.1 8.0 8.1 7.8 7.8 7.9 8.0 0 7.9 8.0 0 7.9	8.4 8.3 8.2 8.3 8.3 8.7 8.4 8.2 8.4 8.7 8.4 8.2 8.4 8.2 8.4 8.3	MARCH 7.7 8.0 7.7 7.7 8.0 8.0 8.0 8.2 8.5 8.0 7.8 8.0 7.8 8.0 7.8 8.0 7.8	8.0 8.1 8.2 8.1 8.5 8.7 8.4 8.0 8.1 8.1 8.1 8.3 8.0 8.1	8.5 8.2 7.9 8.6 8.8 8.9 8.8 8.9 8.8 8.9 8.8 8.9 8.8 8.4 8.4 8.3 8.5 7.9 7.7 7.6 7.7 7.6 7.7 7.8 7.7 7.7 7.7	APRIL 7.6 7.5 8.0 8.1 7.7 7.5 7.9 7.4 7.5 7.4 7.5 7.3 7.4 7.5 7.3 7.4 7.4 7.4 7.4 7.3 7.4 7.3 7.4 7.3 7.3 7.3 7.3 7.3	8.0 7.9 7.8 8.0 8.3 8.2 8.3 8.2 8.4 8.1 8.2 8.0 7.9 8.0 7.7 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5	8.1 8.4 8.3 8.2 8.3 8.0 7.5 7.7 7.8 8.0 8.0 7.8 7.6 7.7 7.6 7.9 7.4 7.9 8.0 7.7 7.9 8.0 7.7 7.9 8.2 8.2 8.2	MAY 7.2 7.3 7.5 7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.5 7.8 7.9 7.9 8.0 7.5 7.3 7.5 7.7 7.4 7.4 7.4 7.4 7.3 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5
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	8.3 8.4 8.5 8.4 8.3 8.4 8.5 8.6 8.1 8.3 7.9 8.1 8.1 7.9 7.9 7.9 7.9 7.9 7.9	FEBRUARY 8.2 8.3 8.4 8.2 8.2 8.2 8.2 8.2 8.2 8.2 8.2 8.2 8.2	8.3 8.4 8.4 8.3 8.3 8.3 8.3 8.4 8.4 8.4 8.4 8.0 8.1 7.8 7.8 7.9 8.0 7.9 8.0 7.9	8.4 8.3 8.2 8.3 8.3 8.3 8.7 8.8 8.7 8.4 8.3 8.2 8.4 8.3 8.2 8.4 8.3 8.2 8.4 8.3 8.2 8.4 8.3 8.5 8.5 8.5 8.6 8.8	MARCH 7.7 8.0 7.7 7.7 8.0 8.0 8.2 8.5 8.0 7.8 8.0 7.8 8.0 7.9 8.0 7.9 7.8 8.0 7.9 7.8 8.0 8.2 8.5 8.0 7.9 8.0 7.9 8.0 7.9 8.0	8.0 8.1 8.0 8.2 8.1 8.5 8.7 8.4 8.0 8.1 8.1 8.1 8.3 8.0 8.1 8.3 8.3 8.3 8.4 8.4	8.5 8.2 7.9 8.6 8.8 8.6 8.9 8.8 8.9 8.8 8.9 8.8 8.9 8.8 8.9 8.8 8.4 8.3 8.5 7.9 7.7 7.6 7.7 7.6 7.7 7.7 8.2 7.9 7.7 8.3 7.9 7.5	APRIL 7.6 7.5 8.0 8.1 7.7 8.2 7.9 7.4 7.5 7.4 7.5 7.7 7.5 7.3 7.3 7.3 7.4 7.4 7.4 7.4 7.4 7.3 7.4 7.4 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3	8.0 7.9 8.0 8.3 8.3 8.2 8.4 8.1 8.2 8.4 8.1 8.2 8.4 7.9 8.0 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5	8.1 8.4 8.3 8.2 8.3 8.0 7.5 7.7 7.8 8.0 7.8 8.0 7.8 7.6 7.7 7.6 7.9 7.4 7.9 8.0 7.7 7.9 8.0 7.7 7.9 8.2 8.2 8.2 8.2 8.2 8.3	MAY 7.2 7.3 7.5 7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.5 7.8 7.9 7.9 8.0 7.5 7.5 7.7 7.7 7.4 7.4 7.4 7.4 7.4 7.5 7.5 7.7 7.7 7.4 7.5 7.6 7.5 7.6 7.5 7.6 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 29	8.3 8.4 8.5 8.4 8.5 8.6 	FEBRUARY 8.2 8.3 8.2 8.2 8.2 8.2 8.3 8.2 8.2 8.3 8.2 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0	8.3 8.4 8.4 8.3 8.3 8.3 8.3 8.3 8.4 8.4 8.4 8.0 8.1 8.0 8.1 7.8 7.8 7.9 8.0 0 7.9 8.0 0 7.9	8.4 8.3 8.2 8.3 8.3 8.7 8.4 8.3 8.7 8.4 8.3 8.2 8.4 8.7 8.4 8.2 8.4 8.5 8.5 8.5 8.6	MARCH 7.7 8.0 7.7 7.7 8.0 8.0 8.0 8.2 8.5 8.0 7.8 7.8 8.0 7.8 8.0 7.8 8.0 7.8 8.0 7.8 8.0 7.9 7.8 8.0 8.0 8.0	8.0 8.1 8.2 8.1 8.5 8.7 8.4 8.0 8.1 8.1 8.1 8.3 8.3 8.4	8.5 8.2 7.9 8.6 8.8 8.9 8.8 8.9 8.8 8.9 8.8 8.9 8.8 8.4 8.4 8.3 8.5 7.9 7.7 7.6 7.7 7.6 7.7 7.8 7.7 7.8 7.7 7.3	APRIL 7.6 7.6 7.5 8.0 8.1 7.7 7.5 7.9 7.4 7.5 7.4 7.5 7.7 7.5 7.3 7.4 7.5 7.3 7.4 7.4 7.4 7.4 7.4 7.3 7.4 7.3 7.4 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3	8.0 7.9 7.8 8.0 8.3 8.2 8.4 8.1 8.2 8.4 8.1 8.2 8.4 7.9 8.0 7.7 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5	8.1 8.4 8.3 8.2 8.3 8.0 7.5 7.7 7.8 8.0 7.8 7.6 7.7 7.6 7.9 8.0 7.9 7.4 7.9 8.0 7.7 7.9 8.2 8.2 8.2 8.0 7.9 7.7 7.7	MAY 7.2 7.3 7.5 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.5 7.8 7.9 7.5 7.5 7.5 7.5 7.7 7.4 7.4 7.4 7.4 7.3 7.5 7.6 7.5 7.6 7.5 7.6 7.5 7.6 7.5 7.6 7.5 7.6 7.5 7.6 7.5 7.6

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

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9--Continued

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

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

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

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

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9--Continued

	PH,	WATER,	WHOLE, FI	ELD, STAN	DARD UNI	15, BOIIO	1, WATER 1	ILAR UCI	OBER 2000	IO SEFIER	IDER 200	1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1 2 3 4 5	 	 	 	8.4 8.2 	7.8 7.6 	8.1 7.9 	8.1 8.3 8.0 8.8 9.0	7.4 7.5 7.4 7.5 8.0	7.6 7.9 7.7 7.9 8.5	7.6 7.8 7.5 7.5 7.0	6.9 6.7 6.8 6.7 6.6	7.1 7.1 6.9 6.9 6.7
6 7 8 9 10	 	 	 	 	 	 	8.6 8.7 8.4 7.6 8.8	7.7 7.4 7.2 7.2 7.2	8.4 8.1 7.6 7.4 7.5	7.8 7.4 7.5 7.6 7.5	6.7 6.9 6.8 6.8	7.2 7.2 7.2 7.2 7.2 7.2
11 12 13 14 15	8.2 8.3 	8.1 8.0 	8.1 8.1 	 8.1 8.3	 7.7 7.6	 7.9 8.0	8.4 7.8 8.4 8.1 7.9	7.2 7.1 7.2 7.2 7.0	8.0 7.3 7.7 7.7 7.3	7.5 7.5 7.6 7.7 7.5	6.9 6.9 7.0 7.2 7.1	7.1 7.2 7.3 7.4 7.2
16 17 18 19 20	 8.1 	 7.9 	 8.0 	8.2 8.7 8.8 8.7 8.4	7.7 7.6 8.4 8.1 7.9	8.0 8.2 8.7 8.4 8.0	8.1 7.9 7.7 7.7 7.8	7.3 7.4 7.5 7.3 7.3	7.7 7.7 7.6 7.5 7.5	7.8 7.4 7.5 7.6 7.8	7.1 7.2 7.1 7.0 6.9	7.3 7.3 7.3 7.3 7.2
21 22 23 24 25	 8.2 8.3 8.1	 7.7 7.9 7.8	 8.0 8.1 8.1	8.2 8.2 8.4 8.6 8.3	7.9 8.0 7.9 7.8 7.9	8.0 8.1 8.1 8.2 8.1	7.8 7.7 7.8 7.5 7.7	7.2 7.2 7.1 7.1 7.3	7.5 7.4 7.4 7.3 7.5	7.5 7.7 7.6 7.7 7.8	6.9 7.0 7.1 6.9 6.9	7.2 7.4 7.4 7.3 7.2
26 27 28 29 30 31	8.2 8.1 	7.9 8.0 	8.1 8.1 	8.4 8.5 8.6 8.7 8.8 8.6	7.7 7.8 7.9 8.1 7.8 7.5	8.1 8.2 8.3 8.4 8.3 7.8	7.6 7.6 7.8 7.4 7.5 	7.4 7.0 7.2 7.3 7.1	7.5 7.3 7.5 7.4 7.3	7.5 7.6 7.5 7.5 8.0	6.9 6.8 7.0 7.0 7.0	7.1 7.1 7.4 7.3 7.4
MONTH							9.0	7.0	7.6			
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX	MIN JUNE	MEAN	MAX	MIN JULY	MEAN		MIN AUGUST	MEAN		MIN SEPTEMBE	
DAY 1 2 3 4 5	MAX 7.7 7.6 7.6		MEAN	MAX 7.3 7.7 7.4 7.6 7.6		MEAN 7.0 7.2 7.2 7.2 7.2 7.4			MEAN 7.9 7.9 7.9 7.8 7.5			
1 2 3 4	 7.7 7.6	JUNE 7.2 6.9	 7.4 7.3	7.3 7.7 7.4 7.6	JULY 6.9 6.9 7.0 6.8	7.0 7.2 7.2 7.2 7.2	8.0 8.1 8.0 8.1	AUGUST 7.7 7.8 7.6 7.2	7.9 7.9 7.9 7.8	8.1 8.2 8.1 7.8	7.2 7.3 7.3 7.3 7.2	TR 7.4 7.6 7.9 7.5
1 2 3 4 5 6 7 8 9	 7.7 7.6 7.6 7.7 7.4 7.4	JUNE 7.2 6.9 6.7 6.8 6.8 6.8 6.8	 7.4 7.3 7.1 7.1 7.3 7.1 6.9	7.3 7.7 7.4 7.6 7.6 8.0 7.9 7.9	JULY 6.9 6.9 7.0 6.8 7.1 7.2 7.2 7.3	7.0 7.2 7.2 7.2 7.4 7.5 7.6 7.7	8.0 8.1 8.0 8.1 8.0 7.9 7.3 7.2 7.2	AUGUST 7.7 7.8 7.6 7.2 7.1 7.1 7.0 7.0 7.0 7.1	7.9 7.9 7.8 7.5 7.3 7.1 7.1 7.2	8.1 8.2 8.1 7.8 8.2 8.1 8.3 8.2 8.2	SEPTEMBE 7.2 7.3 7.2 7.4 7.5 7.6 7.5 7.6 7.5 7.6	R 7.4 7.6 7.9 7.5 7.8 7.9 8.0 8.0 8.0 8.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14	 7.7 7.6 7.6 7.6 7.7 7.4 7.4 7.2 6.8 7.1 7.2 7.5	JUNE 7.2 6.9 6.7 6.8 6.8 6.8 6.8 6.6 6.6 6.6 6.7 6.8 6.6	 7.4 7.3 7.1 7.1 6.9 6.7 6.8 6.9 7.1	7.3 7.7 7.4 7.6 7.6 8.0 7.9 7.9 7.9 8.1 8.1	JULY 6.9 6.9 7.0 6.8 7.1 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.3 7.9	7.0 7.2 7.2 7.4 7.5 7.6 7.7 8.0 8.1	8.0 8.1 8.0 8.1 8.0 7.9 7.3 7.2 7.2 7.2 7.3 7.4 7.4 7.4 7.6 8.0	AUGUST 7.7 7.8 7.6 7.2 7.1 7.1 7.0 7.1 7.2 7.2 7.2 7.2 7.2 7.2	7.9 7.9 7.8 7.5 7.3 7.1 7.2 7.2 7.2 7.3 7.3 7.3 7.3 7.5	8.1 8.2 8.1 7.8 8.2 8.1 8.3 8.2 8.2 8.2 8.0 8.3 8.2 8.1 7.9	SEPTEMBE 7.2 7.3 7.2 7.4 7.5 7.6 7.5 7.6 7.3 7.4 7.4 7.4 7.4 7.6 7.6	R 7.4 7.6 7.9 7.5 7.8 7.9 8.0 8.0 8.0 8.0 7.7 7.8 8.0 7.7 7.8 8.0 7.7
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	 7.7 7.6 7.6 7.7 7.4 7.4 7.2 6.8 7.1 7.2 7.5 7.6 7.9 8.0	JUNE 7.2 6.9 6.7 6.8 6.8 6.8 6.6 6.6 6.6 6.7 6.8 6.9 7.1 7.0 7.0	 7.4 7.3 7.1 7.1 7.3 7.1 6.9 6.7 6.8 6.7 6.8 6.7 6.8 6.9 7.1 7.3 7.1 7.3	7.3 7.7 7.4 7.6 7.6 8.0 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9	JULY 6.9 6.9 7.0 7.2 7.2 7.2 7.2 7.2 7.2 7.5 7.5 7.2 7.2 7.2 7.4 7.3	7.0 7.2 7.2 7.4 7.5 7.6 7.7 8.0 8.1 8.0 8.1 8.0 7.6 7.5 7.8 7.8	8.0 8.1 8.0 8.1 8.0 7.9 7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	AUGUST 7.7 7.8 7.6 7.2 7.1 7.1 7.0 7.1 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.9 7.9 7.8 7.5 7.3 7.1 7.2 7.2 7.3 7.3 7.3 7.3 7.5 7.2 7.4 7.5	8.1 8.2 8.1 7.8 8.2 8.1 8.3 8.2 8.2 8.0 8.3 8.2 8.1 7.9 7.9 8.0 8.0	SEPTEMBE 7.2 7.3 7.2 7.4 7.5 7.6 7.5 7.6 7.3 7.4 7.4 7.4 7.4 7.6 7.8 7.6 7.8 7.6 7.8 7.6 7.8 7.6 7.5 7.4	R 7.4 7.6 7.9 7.5 7.8 7.9 8.0 8.0 8.0 7.7 7.8 8.0 7.7 7.8 8.0 7.7 7.8 7.8 7.8 7.8 7.8 7.8 7.8 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 7.6 7.6 7.7 7.4 7.2 6.8 7.1 7.2 7.5 7.6 7.9 7.9 7.6 7.1 7.2 7.9 7.6 7.1 7.2 7.5 7.6 7.9 7.9 7.6 7.1 7.2 7.5 7.6 7.1 7.2	JUNE 7.2 6.9 6.7 6.8 6.8 6.8 6.6 6.6 6.6 6.7 6.8 6.9 7.1 7.0 7.0 6.7 6.7 6.7 6.7	 7.4 7.3 7.1 7.3 7.1 6.9 6.7 6.8 6.7 6.8 6.9 7.1 7.3 7.4 7.5 7.2 6.9 6.8 6.9 6.8 6.9 6.9 6.9 6.9 6.9 6.9 6.9	7.3 7.7 7.4 7.6 7.6 8.0 7.9 7.9 7.9 7.9 7.9 8.1 8.3 8.3 8.3 8.3 8.3 8.3 8.2 8.2 8.2 8.2 8.2 8.2 8.1 7.9 8.1 8.1 7.9 8.1 7.9 8.1 7.9	JULY 6.9 6.9 7.0 7.2 7.2 7.2 7.3 7.9 7.5 7.2 7.4 7.3 8.0 7.9 7.9 7.5 7.2 7.4 8.0 7.9 7.5 7.2 7.4 8.0 7.9 7.5 7.2 7.4 8.0 7.9 7.5 7.2 7.4 8.0 7.9 7.5 7.6 7.6 7.6 7.6	7.0 7.2 7.2 7.4 7.5 7.6 7.7 8.0 8.1 8.0 7.6 7.5 7.8 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 7.8 7.5 7.7 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8	8.0 8.1 8.0 8.1 8.0 7.9 7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	AUGUST 7.7 7.8 7.6 7.2 7.1 7.1 7.0 7.1 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.9 7.9 7.8 7.5 7.3 7.1 7.2 7.2 7.2 7.3 7.3 7.3 7.3 7.5 7.2 7.4 7.5 7.4	8.1 8.2 8.1 7.8 8.2 8.1 8.3 8.2 8.0 8.3 8.2 8.0 7.9 8.0 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 8.0 7.9 8.0 7.9 8.0 8.0 7.9 8.0 8.0 7.9 8.0 8.0 7.9 8.0 7.9 8.0 7.7 7.9 8.0 8.0 7.7 7.9 8.0 7.7 7.9 7.9 8.0 7.7 7.9 7.9 8.0 8.0 7.7 7.9 7.9 8.0 7.7 7.9 8.0 8.0 7.7 7.9 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0	SEPTEMBE 7.2 7.3 7.2 7.4 7.5 7.6 7.5 7.6 7.3 7.4 7.4 7.4 7.4 7.6 7.8 7.6 7.8 7.6 7.8 7.6 7.8 7.6 7.5 7.4 7.5 7.4 7.5 7.4 7.5 7.6 7.5 7.6 7.6 7.3 7.2 7.2	R 7.4 7.6 7.9 8.0 8.0 7.7 7.8 8.0 7.7 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.9 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.1 8.1 1 1
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 7.6 7.6 7.7 7.4 7.2 6.8 7.1 7.2 7.5 7.6 7.9 8.0 7.9 7.9 8.0 7.9 7.1 7.2 7.1 7.2 7.1 7.8 7.1 7.2 7.1 7.3	JUNE 7.2 6.9 6.7 6.8 6.8 6.6 6.6 6.7 6.8 6.9 7.1 7.0 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.9 7.1 7.0 6.9 6.9 7.1 7.0 6.9 7.1 7.0 6.9 7.1 7.0 6.9 7.1 7.0 6.9 7.1 7.0 6.9 7.1 7.0 6.9 7.1 7.0 6.9 7.1 7.0 6.9 7.1 7.0 6.7 6.9 7.1 7.0 6.7 6.7 6.9 7.1 7.0 6.7 6.7 6.7 6.9 7.1 7.0 6.7 6.7 6.7 6.7 6.9 7.1 6.7 6.7 6.7 6.7 6.9 7.1 6.7 6.7 6.7 6.7 6.7 6.9 7.1 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7	 7.4 7.3 7.1 7.1 7.3 7.1 6.9 6.7 6.9 6.7 6.9 7.1 7.3 7.4 7.5 7.2 6.9 6.8 6.9 7.4 7.5 7.2 6.9 6.8 6.9 7.4 7.3 7.1 7.1 7.1 7.1 7.1 7.1 7.1 7.1 7.1 7.1	7.3 7.7 7.4 7.6 7.6 8.0 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9	JULY 6.9 6.9 7.0 7.2 7.2 7.2 7.2 7.3 7.3 7.9 7.5 7.2 7.2 7.2 7.4 7.3 8.0 7.9 7.9 7.5 7.2 7.2 7.2 7.5 7.5 7.2 7.5 7.5 7.6	7.0 7.2 7.2 7.4 7.5 7.6 7.7 8.0 8.1 8.0 7.6 7.5 7.8 8.1 8.1 8.1 8.1 8.1 8.1 8.1 7.8 7.5 7.7 7.8 7.8 7.8 7.8 7.8 7.9	8.0 8.1 8.0 8.1 8.0 7.9 7.2 7.2 7.2 7.3 7.4 7.4 7.6 8.0 7.5 8.1 7.9 8.1 7.9 8.1 8.0 8.1 8.0 8.1 8.0 8.1 8.0 8.1 7.9 8.1 8.0 8.1 7.2 7.2 7.3 7.4 7.4 7.5 8.1 7.9 8.1 8.0 8.1 7.9 8.1 8.0 8.1 8.0 8.1 7.2 7.2 7.3 7.4 7.5 8.1 7.9 8.1 8.0 8.1 8.0 8.1 7.2 7.2 7.3 7.4 7.5 8.1 7.9 8.5 7.8 7.8 7.8 7.9 8.5 7.8 7.8 7.9 8.5 7.8 7.9 8.5 7.8 7.9 8.5 7.8 7.9 8.5 7.9 8.5 7.8 7.9 8.5 7.9 8.5 7.8 7.9 8.5 7.9 8.5 7.8 7.9 8.5 7.8 7.9 8.5 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9	AUGUST 7.7 7.8 7.6 7.2 7.1 7.1 7.0 7.0 7.1 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.9 7.9 7.8 7.5 7.3 7.1 7.2 7.2 7.2 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.5 7.2 7.4 7.5 7.4 7.5 7.4 8.0 7.9 7.4 7.4 7.4	8.1 8.2 8.1 7.8 8.2 8.1 8.3 8.2 8.0 8.3 8.2 8.0 8.3 8.2 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.8 7.8 7.7 8.2 8.1 7.8 8.2 8.1 7.8 8.2 8.1 7.8 8.2 8.1 7.8 8.2 8.1 7.8 8.2 8.2 8.1 7.8 8.2 8.2 8.1 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.8 8.0 7.9 8.0 7.9 8.0 7.8 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 8.2 8.0 7.9 8.0 8.0 7.9 8.0 8.0 7.9 8.0 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.8 7.9 8.0 7.9 8.0 7.8 7.9 8.0 7.9 8.0 7.9 8.0 7.8 7.9 8.0 7.8 7.8 7.9 8.0 7.8 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.9 8.0 7.8 7.9 8.0 7.8 7.9 8.0 7.8 7.9 8.0 7.8 7.9 8.0 7.8 7.9 8.0 7.8 7.9 8.0 7.8 7.9 8.0 7.8 7.9 8.0 7.8 7.9 8.0 7.8 7.9 8.0 7.8 7.9 8.0 7.8 7.9 8.0 7.8 8.0 7.8 7.9 8.0 7.8 8.0 7.8 8.0 7.8 8.0 7.8 8.0 7.8 8.0 8.0 7.8 8.0 8.0 7.8 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	SEPTEMBE 7.2 7.3 7.3 7.2 7.4 7.5 7.6 7.5 7.6 7.3 7.4 7.4 7.4 7.4 7.6 7.3 7.4 7.4 7.6 7.8 7.8 7.6 7.8 7.8 7.6 7.5 7.4 7.6 7.5 7.4 7.6 7.5 7.6 7.5 7.6 7.3 7.2 7.4 7.6 7.5 7.6 7.3 7.2 7.4 7.5 7.6 7.6 7.3 7.2 7.4 7.5 7.6 7.6 7.3 7.6 7.6 7.5 7.6 7.6 7.3 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6	R 7.4 7.6 7.9 7.5 7.8 7.9 8.0 7.7 7.8 7.9 7.8 7.8 7.8 7.8 7.8 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.9 7.9 8.0 9.1

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

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9--Continued

		TEMPE	RATURE,	WATER (DEG.	C), T	OP, WATER	YEAR OCTO	BER 2000	TO SEPI	EMBER 2001		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER		NO	VEMBER		D	ECEMBER			JANUAR	Z
1	21.3	20.8	21.0	16.8	15.5	16.3	10.2	9.2	9.7	3.7	2.3	3.1
2 3	21.6 22.4	20.5 20.9	21.0 21.6	16.6 16.6		16.1 16.0	9.7	9.0 7.1	9.4 8.3	3.4 3.8	2.2 2.1	3.0 2.7
4	23.7	21.3	22.3	17.1	15.3	16.3	9.0 7.3 7.1	6.3	6.8	2.9 3.8		2.4
5	24.3	22.0	22.9	17.0	16.2	16.5	7.1	5.6	6.3	3.8	1.0	2.5
6 7	24.5 24.3	23.0 22.6	23.7 23.4	16.5 16.2	15.2 14.6	15.8 15.5	6.9 7.2	5.9 6.2	6.5 6.6	3.4 4.0	2.5 2.0	3.0 3.3
8	22.6	19.6	21.2	17.5	15.6	16.5	8.0	5.9	7.0	4.7	3.2	4.0
9 10	19.8 18.0	16.0 15.2	18.0 16.3	18.0 18.0	16.7 17.0	17.4 17.5	7.6 7.5	6.8 7.2	7.3 7.3	4.6 4.5	3.8 3.2	4.3 3.6
11	18.7	15.9	17.0	45.0	16.2	16.7						3.9
12	18.6	16.6	17.4	16.2		15.7	8.8	7.8	7.6 8.4 8.3	4.8 5.2	4.6	4.9
13 14	18.4 18.8		17.8 18.0	15.9 15.4		15.2 15.2	8.7 11.1	7.9 8.2	8.3 9.8	5.9 7.8		5.4 6.2
15	18.9	17.6	18.3	15.2	13.2	14.4	8.1 8.8 8.7 11.1 11.0	9.8	10.2	7.8 9.6	6.5	7.6
16	19.8	17.9	18.9	14.2	12.3	13.6	11.0	9.9	10.2	8.7		7.5
17 18	20.2 20.0		19.5 19.7	14.2 14.1 13.8		13.9 13.2				8.0 8.2	6.7 7.1	7.5 7.4
19	20.6	19.3	19.8	13.0	11.8	12.6	9.9	8.9	9.4	9.8	7.0	7.9
20	20.2	19.1	19.8	12.3	11.3	11.8	9.4	7.9	8.7	11.0	8.5	9.3
21 22	20.9 20.8	19.2 19.3	20.0 20.0	11.5 10.9	10.3 8.1	11.0 9.6	8.5 7.7	6.8 6.8	7.8 7.4	8.9 7.9	7.8 7.2	8.4 7.7
23	19.8	19.0	19.4	9.6	7.1	8.9	7.4	5.3	6.3	7.5	6.8	7.1
24 25	19.7 19.3	18.6 18.5	19.0 18.9	9.3 9.6	8.7 8.5	8.9 9.0	8.5 7.7 7.4 6.0 5.4	4.5 4.2	5.5 4.9	8.1 7.0	6.3 6.3	7.0 6.7
26				11.1	9.4	10.3			3.8	6.8	5.7	6.1
27	19.0	18.6	18.7	11.1	9.8	10.3	4.4 3.9		3.4	6.8	5.6	6.2
28 29	18.8	17.5	18.3	11.1 10.9		10.3 10.3	4.1 3.9	3.2 3.0	3.7 3.4	8.5	5.9	6.5
30 31	17.8	17.0	17.5	10.4	9.8	10.1	4.1 3.9 3.8 3.8	2.7		8.6	6.5 7.5	7.3 8.3
	17.3	16.2	16.9						3.2	9.7		
MONTH				18.0	7.1	13.5						
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAI						PILICIN	1.1222		PILIAIN	110025		PILIPIN
		FEBRUARY			MARCH			APRIL			MAY	
1 2	9.2 9.1	8.1 8.6	8.6 9.0	12.1 13.5	10.7 11.5	11.5 12.2	14.5 13.5	12.9 12.5	14.2 13.1	19.9 21.0	17.4 18.2	18.1 19.0
3	9.1	8.1	8.6				13.3		13.1 13.0		19.0	20.2
4 5	8.1 8.8	8.1 8.6 8.1 7.9 8.1	8.0 8.4				14.0 14.2	13.1 13.0	13.4 13.6	23.0 24.4	18.7 21.0	21.4 22.3
6	9.4						15.4	13.6	14.5	23.0	19.7	21.2
7	9.5	8.3	8.6 8.9 9.5				18.2	14.7	15.6	20.0	18.6	19.1
8 9	10.7	8.6	9.5				18.5 20.3		17.3 18.3	20.0 21.5	18.5 18.9	19.2 20.0
10							20.3	16.8	18.6	21.7	19.9	20.6
11							19.6	17.2	18.6	22.8	20.0	21.2
12 13	9.5 9.6	9.1	9.1 9.4	12.9	10.8	11.9		18.9	20.1	23.0	20.0	21.2
14 15				13.3	12.6	12.9		19.5 19.8	20.4 20.1	23.0 22.3 22.3 21.9	21.0 21.1	21.7 21.4
17				13.6 15.0	12.6	13.1 14.0	19.9 19.3	19.1 16.9	19.4 18.3	21.6 21.0		
18 19	11.4		10.8	14.9 13.7	13.6 12.4	14.4 13.1	16.9 15.8	15.3 13.9	16.1 14 9	21.8 23.7		20.7 22.0
20				13.6 15.0 14.9 13.7 12.7	11.5	11.8	16.2	14.7	19.4 18.3 16.1 14.9 15.5	24.2	21.8	22.8
21				12.9	11.5	12.3	17.4	15.5	16.4	23.1	21.5	22.9
22 23	11 4	10 1	10 6	12.7 13.9	12.1 11 9	12.4 12.5	19.2 20.5	16.5 17.5	17.5 18.6	24.7 23.6	22.5 23.0	
24	10.9	10.1 9.6 10.2	10.4	12.7 13.9 13.5 13.0	12.1	12.4 12.5 12.8 12.4	19.9	18.6	17.5 18.6 19.2 18.8	24.7	22.5	23.3
				13.0	11.6	12.4	20.3	17.6	10.0	24.8		
26 27	12.7			12.0 11.6	11.3 10.6	11.8 11.1 11.0 11.6 13.1	17.6 18.8	16.1 15.4	16.9 16.6	24.7 24.5	23.6 23.6	24.2 24.0
28 29	12.3	11.9 11.7	12.1	11.6 11.5 13.1	10.5	11.0	18.9	15.9	17.2	24.0	23.5	23.8
30				13.1 14.4 15.6	12.1	13.1	18.6	16.8	17.6	23.7	22.9	23.5
31				15.6	13.6	14.4				24.7 24.5 24.0 23.7 24.8		
MONTH							21.4	12.5	17.0			

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

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9--Continued

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

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

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

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

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9--Continued

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

		TEMPE	MAIORE,	WAIER (DEG	. с, в	OIIOM, WAIER	IDAR	OCIOBER	2000 10	SEFIERDER	ZUUI	
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1 2	8.8 9.1	8.0 8.1	8.5 8.8	11.9 12.4	10.9 11 7	11.6 12.0		12.6 12.6		18.4 18.8		17.6 17.9
3	8.9 8.4	8.1 7.9	8.5 8.0				13.5 13.9		13.2	19.1 20.0		17.6 18.0
5	8.7	8.1	8.3				14.3	13.1	13.7	19.1		17.4
6	8.7	8.1	8.4				15.4	13.9		21.9		
	9.3 10.1	8.1 8.3 8.4	8.7				16.0 16.4	14.3 13.5 13.5	15.1 14.8	19.5 19.6 21.0	18.6 18.4	18.9 18.9
9 10							16.0 20.0	13.5 13.8	14.4 15.6	21.0 20.9	19.0 19.1	19.6 20.0
11							19.4		18.2	20.9	19.2	20.0
12 13	9.5 9.6	8.8 9.1	9.2 9.4	12.9	10.9	11.9	19.2 21.1		17.1 19.2	21.3 22.3 22.3	19.6 20.5	20.5 21.4
14 15				13.1	 11.7	12.6	20.5 20.1			22.3 21.8	21.1 21.4	21.7 21.6
16				13.3	12.4	12.8	19.6	18.6			21.0	21.3
17 18	 11.4	10.5	 10.9	14.8 14.9		13.5 14.4	19.6 19.5 17.3	17.2 15.7	18.4 16.3	21.0 21.3	20.1	20.5 20.5
19 20				14.0	12.5 11.6	14.4 13.2 11.9	17.3 16.0 16.3	14.4 15.1	15.3	21.3 22.6 23.3		21.3 21.8
21				12.6	11.6	12.2	17.3					21.8
22			10.5	12.8	12.2	12.4	18.2	16.8	17.2	24.2	22.1	22.9
23 24	10.9	10.1 9.8	10.5	12.8 13.7 13.4		12.7	19.0 19.5	16.6	17.8	23.5 23.4	22.6	23.2 22.9
25			11.0	13.0			19.7		10.0	21.1	22.8	23.3
26 27		11.9		12.2 11.7 11.6 13.0	11.3 10.6	11.8 11.2	17.8	16.6 16.4 16.2 16.8 16.8	17.0	24.2 24.2	22.9	23.4 23.7
29			12.2	11.6 13.0	10.7 11.1	11.2 11.7	$18.1 \\ 17.4$	16.2 16.8	17.1 17.1	24.0 23.7	23.5 23.3	23.7 23.5
30 31				14.3 13.8	12.2 12.5	13.1 12.9	18.4	16.8	17.3		23.0	23.5
MONTH							21.1	12.6	16.4			
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX	MIN JUNE	MEAN	MAX	MIN JULY	MEAN	MAX	MIN AUGUST	MEAN	MAX	MIN SEPTEMB	
1		JUNE		28.5	JULY 26.8	27.5	26.2	AUGUST 25.5	25.9	27.2	SEPTEMB 26.8	ER 26.9
1 2 3	 25.5	JUNE 24.0	 24.6	28.5 28.1 27.0	JULY 26.8 26.9 26.6	27.5 27.7 26.9	26.2 26.5	AUGUST 25.5 25.5	25.9 25.9 26.1	27.2 27.1	SEPTEMB 26.8 26.6	ER 26.9 26.9 26.6
1 2		JUNE 		28.5 28.1	JULY 26.8 26.9	27.5 27.7	26.2	AUGUST 25.5 25.5	25.9 25.9 26.1	27.2 27.1 26.9 26.8	SEPTEMB 26.8 26.6	ER 26.9 26.9
1 2 3 4 5	25.5 25.7 26.1 27.3	JUNE 24.0 24.2 24.0 24.2	 24.6 24.9 25.0 26.0	28.5 28.1 27.0 27.9 27.6	JULY 26.8 26.9 26.6 26.4 26.9	27.5 27.7 26.9 27.1 27.2 27.0	26.2 26.5 26.5 26.8 26.9 26.9	AUGUST 25.5 25.5 25.6 25.9 26.1 26.1	25.9 25.9 26.1 26.4 26.3 26.4	27.2 27.1 26.9 26.8 26.7 26.5	SEPTEMB 26.8 26.6 26.1 26.4 26.0 25.9	ER 26.9 26.9 26.6 26.6 26.4 26.3
1 2 3 4 5	25.5 25.7 26.1 27.3	JUNE 24.0 24.2 24.0	24.6 24.9 25.0	28.5 28.1 27.0 27.9	JULY 26.8 26.9 26.6 26.4 26.9 26.7 25.7	27.5 27.7 26.9 27.1 27.2 27.0	26.2 26.5 26.5 26.8	AUGUST 25.5 25.6 25.9 26.1 26.1 26.1 26.1 26.1	25.9 25.9 26.1 26.4 26.3 26.4 26.3	27.2 27.1 26.9 26.8 26.7 26.5 27.1	SEPTEME 26.8 26.6 26.1 26.4 26.0 25.9 25.7 26.0	ER 26.9 26.9 26.6 26.6 26.4
1 2 3 4 5 6 7	25.5 25.7 26.1 27.3 27.7 27.0 26.1	JUNE 24.0 24.2 24.0 24.2 25.2	 24.6 24.9 25.0 26.0 26.7	28.5 28.1 27.0 27.9 27.6 27.4 27.0	JULY 26.8 26.9 26.6 26.4 26.9 26.7 25.7	27.5 27.7 26.9 27.1 27.2 27.0 26.4	26.2 26.5 26.5 26.8 26.9 26.9 26.7	AUGUST 25.5 25.6 25.9 26.1 26.1 26.1 26.1 26.1	25.9 25.9 26.1 26.4 26.3 26.4 26.3	27.2 27.1 26.9 26.8 26.7 26.5 27.1	SEPTEME 26.8 26.1 26.4 26.0 25.9 25.7 26.0 26.2	ER 26.9 26.6 26.6 26.4 26.3 26.3
1 2 3 4 5 6 7 8 9	25.5 25.7 26.1 27.3 27.7 27.0 26.1	JUNE 24.0 24.2 24.0 24.2 25.2 25.2 25.2 24.9	24.6 24.9 25.0 26.0 26.7 26.2 25.7	28.5 28.1 27.0 27.9 27.6 27.4 27.0 26.5	JULY 26.8 26.9 26.6 26.4 26.9 26.7 25.7 25.9	27.5 27.7 26.9 27.1 27.2 27.0 26.4 26.2	26.2 26.5 26.5 26.8 26.9 26.9 26.7 26.9 26.7 26.9 27.0	AUGUST 25.5 25.6 25.9 26.1 26.1 26.1 26.1 26.1 26.0	25.9 25.9 26.1 26.4 26.3 26.4 26.3 26.3 26.3 26.4	27.2 27.1 26.9 26.8 26.7 26.5 27.1 26.8 27.1 27.0	SEPTEME 26.8 26.1 26.4 26.0 25.9 25.7 26.0 26.2	ER 26.9 26.6 26.6 26.4 26.3 26.3 26.4 26.6
1 2 3 4 5 6 7 8 9 10 11 12	25.5 25.7 26.1 27.3 27.7 27.0 26.1 26.0 25.6 26.3	JUNE 24.0 24.2 24.0 24.2 25.2 25.2 25.2 24.9 24.9 24.9 24.9 24.6 24.3	24.6 24.9 25.0 26.0 26.2 25.7 25.3 25.1 25.1	28.5 28.1 27.0 27.9 27.6 27.4 27.0 26.5 	JULY 26.8 26.9 26.6 26.4 26.9 26.7 25.7 25.9 	27.5 27.7 26.9 27.1 27.2 27.0 26.4 26.2 	26.2 26.5 26.5 26.8 26.9 26.9 26.9 26.7 26.9 27.0 28.2 28.1 28.1	AUGUST 25.5 25.6 25.9 26.1 26.1 26.1 26.1 26.1 26.2 26.2 26.5 26.6	25.9 25.9 26.1 26.4 26.3 26.4 26.3 26.4 26.3 26.4 26.8 27.0	27.2 27.1 26.9 26.8 26.7 26.5 27.1 26.8 27.1 27.0 27.2 27.2 26.9	SEPTEME 26.8 26.1 26.4 26.0 25.9 25.7 26.0 26.2 26.7 26.6 26.1	ER 26.9 26.6 26.6 26.4 26.3 26.3 26.4 26.3 26.4 26.6 26.8 26.8 26.9 26.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14	25.5 25.7 26.1 27.3 27.7 26.1 26.0 26.1 26.0 25.6 26.3 26.4	JUNE 24.0 24.2 24.0 24.2 25.2 25.2 25.2 24.9 24.9 24.9 24.9 24.6 24.3 24.5 25.1	24.6 24.9 25.0 26.7 26.2 25.7 25.3 25.1 25.0 25.3 25.5	28.5 28.1 27.0 27.9 27.6 27.4 27.0 26.5 	JULY 26.8 26.9 26.6 26.4 26.9 26.7 25.7 25.9 	27.5 27.7 26.9 27.1 27.2 27.0 26.4 26.2 26.3	26.2 26.5 26.5 26.9 26.9 26.9 27.0 28.2 28.1 28.1 28.4 28.3	AUGUST 25.5 25.6 25.9 26.1 26.1 26.1 26.1 26.0 26.2 26.5 26.6 27.1 27.1	25.9 25.9 26.1 26.4 26.3 26.4 26.3 26.4 26.3 26.4 26.8 27.0	27.2 27.1 26.9 26.8 26.7 26.5 27.1 26.8 27.1 27.0 27.2 27.2 26.9	SEPTEME 26.8 26.6 26.1 26.4 26.0 25.9 25.7 26.0 26.2 26.7 26.6 26.1 25.6 25.3	ER 26.9 26.6 26.6 26.4 26.3 26.3 26.3 26.4 26.6 26.8 26.9 26.5 26.2 25.9
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	25.5 25.7 26.1 27.3 27.7 27.0 26.1 26.0 25.6 26.3 26.3 26.3 26.4 25.8	JUNE 24.0 24.2 24.0 24.2 25.2 25.2 24.9 24.9 24.9 24.6 24.3 24.5 25.1 25.0	24.6 24.9 25.0 26.0 26.7 25.3 25.1 25.0 25.3 25.5 25.5	28.5 28.1 27.0 27.9 27.6 27.4 27.0 26.5 27.2 26.8	JULY 26.8 26.9 26.6 26.4 26.9 26.7 25.7 25.9 25.5 26.2	27.5 27.7 26.9 27.1 27.2 27.0 26.4 26.2 26.3 26.5	26.2 26.5 26.8 26.9 26.9 27.0 28.2 28.1 28.1 28.1 28.4 28.3 	AUGUST 25.5 25.6 25.9 26.1 26.1 26.1 26.1 26.1 26.2 26.5 26.6 27.1 27.6 	25.9 25.9 26.1 26.4 26.3 26.4 26.3 26.4 26.8 27.0 27.4 27.5 27.8	27.2 27.1 26.9 26.8 26.7 26.5 27.1 26.8 27.1 27.0 27.2 26.9 26.6 26.2 25.3	SEPTEME 26.8 26.6 26.1 26.4 26.0 25.9 25.7 26.0 26.2 26.7 26.6 26.1 25.6 25.3 23.1	ER 26.9 26.6 26.6 26.4 26.3 26.4 26.3 26.4 26.6 26.8 26.9 26.5 26.2 25.9 24.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	25.5 25.7 26.1 27.3 27.7 27.0 26.1 26.0 25.6 26.3 26.3 26.3 26.3 26.3 25.8 	JUNE 24.0 24.2 24.2 25.2 24.9 24.9 24.9 24.9 24.9 24.9 24.5 25.1 25.0 	24.6 24.9 25.0 26.7 26.2 25.7 25.3 25.1 25.0 25.3 25.5 25.5	28.5 28.1 27.0 27.9 27.6 27.4 27.0 26.5 27.2 26.8 26.9 26.7	JULY 26.8 26.9 26.4 26.9 26.7 25.7 25.7 25.5 26.2 26.0 25.9	27.5 27.7 26.9 27.1 27.2 27.0 26.4 26.2 26.3 26.5 26.3 26.2	26.2 26.5 26.5 26.9 26.9 26.9 27.0 28.2 28.1 28.1 28.4 28.4 28.4 28.4 28.4 28.1	AUGUST 25.5 25.5 25.6 25.9 26.1 26.1 26.1 26.1 26.0 26.2 26.5 26.6 27.1 27.5	25.9 25.9 26.4 26.3 26.4 26.3 26.4 26.3 26.4 26.8 27.0 27.4 27.5 27.8 27.8	27.2 27.1 26.9 26.8 26.7 26.5 27.1 26.8 27.1 27.0 27.2 26.9 26.6 26.2 25.3 23.8 23.4	SEPTEME 26.8 26.6 26.1 26.4 25.9 25.7 26.0 26.2 26.7 26.6 26.1 25.6 25.3 23.1 22.6	ER 26.9 26.6 26.6 26.4 26.3 26.3 26.4 26.3 26.4 26.8 26.9 26.5 26.2 25.9 24.2 23.1 22.9
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	25.5 25.7 26.1 27.3 27.7 26.1 26.0 25.6 26.3 26.4 25.8 27.1 27.1 27.4	JUNE 24.0 24.2 24.0 24.2 25.2 24.9 24.9 24.9 24.6 24.3 24.5 25.1 25.0 25.7 26.2	24.6 24.9 25.0 26.0 26.7 25.7 25.3 25.1 25.0 25.3 25.5 25.5 25.5 26.2 26.7	28.5 28.1 27.0 27.9 27.6 27.4 27.0 26.5 27.2 26.8 26.9 26.7	JULY 26.8 26.9 26.4 26.9 26.7 25.7 25.7 25.5 26.2 26.0 25.9 26.7 25.9 26.2	27.5 27.7 26.9 27.1 27.2 27.0 26.4 26.2 26.3 26.5 26.3 26.5 26.3 26.5 26.9 27.1	26.2 26.5 26.5 26.9 26.9 27.0 28.2 28.1 28.4 28.3 28.1 29.0 28.1 29.0 28.2	AUGUST 25.5 25.6 25.9 26.1 26.1 26.1 26.1 26.1 26.0 26.2 26.5 26.6 27.1 27.6 27.5 27.6 27.7	25.9 25.9 26.4 26.3 26.4 26.3 26.4 26.3 26.4 26.8 27.0 27.4 27.5 27.8 27.8	27.2 27.1 26.9 26.8 26.7 26.5 27.1 26.8 27.1 27.0 27.2 26.9 26.6 26.2 25.3 23.8 23.4	SEPTEME 26.8 26.6 26.1 26.4 26.0 25.9 25.7 26.0 26.2 26.7 26.6 25.3 23.1 22.6 22.4	ER 26.9 26.6 26.6 26.4 26.3 26.3 26.4 26.6 26.4 26.6 26.9 26.5 26.2 25.9 24.2 23.1 22.9 22.8
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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	25.5 25.7 26.1 27.3 27.7 27.0 26.1 26.0 25.6 26.3 26.3 26.3 26.3 26.3 26.3 26.3 26	JUNE 24.0 24.2 24.0 24.2 25.2 24.9 24.9 24.9 24.6 24.3 24.5 25.1 25.0 25.7 26.2 26.0 26.0 26.2 26.4 26.3 26.6 26.7	24.6 24.9 25.0 26.7 25.7 25.3 25.1 25.0 25.3 25.5 25.5 25.5 25.5 26.6 26.7 26.6 26.8 26.6 26.8 26.8 26.8 26.8	28.5 28.1 27.0 27.9 27.6 27.4 27.0 26.5 27.2 26.8 26.9 26.7 27.7 27.5 27.2 26.8 27.2 26.8 27.2 26.8 27.1 27.0 27.7 27.5 27.2 26.8 27.1 27.0 27.7 28.3 28.3 27.8	JULY 26.8 26.9 26.7 25.7 25.7 25.7 25.5 26.2 26.0 25.9 26.2 26.0 25.9 26.2 26.7 25.9 26.2 26.7 25.9 26.2 26.7 25.9 26.2 26.0 25.9 26.2 26.7 25.9 26.2 26.0 25.9 26.2 26.7 25.9 26.2 26.4 25.8 26.2 26.4 25.8 26.5 26.4 25.8 26.5 26.4 25.8 26.5 26.4 25.8 26.5 26.4 25.8 26.5 26.4 27.6 26.5 26.5 26.5 26.4 27.6 26.5 26.5 26.4 27.6 26.5 26.5 26.4 27.6 26.5 26.5 26.4 27.6 26.5 26.5 26.4 27.6 26.5 26.4 27.6 26.5 26.5 26.4 27.6 26.5 26.4 27.6 26.5 26.4 27.6 26.5 26.4 27.6 27.6 26.5 26.4 27.6 27.4 26.8	27.5 27.7 26.9 27.1 27.2 27.0 26.4 26.2 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.7 126.8 26.3 26.5 26.7 27.1 27.1	26.2 26.5 26.5 26.9 26.9 26.7 26.9 27.0 28.2 28.1 28.1 28.4 28.3 28.1 29.0 28.8 28.6 28.3 28.3 28.3 28.1 27.8 27.1	AUGUST 25.5 25.6 25.9 26.1 26.1 26.1 26.1 26.0 26.2 26.5 26.6 27.1 27.6 27.6 27.7 27.7 27.7 27.5 27.7 26.9 26.0	25.9 25.9 26.4 26.3 26.4 26.3 26.4 26.3 26.4 26.8 27.0 27.4 27.5 27.8 27.8 28.1 28.2 28.2 28.2 28.2 28.2 28.2 28	27.2 27.1 26.9 26.5 27.1 26.5 27.1 27.0 27.2 26.9 26.6 26.2 25.3 23.8 23.4 22.8 23.7 23.9 23.8 23.7 24.5 24.7 24.6 24.1 24.6	SEPTEME 26.8 26.6 26.1 26.4 26.0 25.9 25.7 26.0 26.2 26.7 26.6 25.3 23.1 22.6 22.4 22.3 22.4 23.0 23.0 23.1 23.2 23.7 23.2 23.7	ER 26.9 26.6 26.6 26.4 26.3 26.3 26.3 26.4 26.8 26.9 26.5 26.2 25.9 24.2 23.1 22.9 22.6 23.4 23.4 23.4 23.4 23.6 23.8 24.2 23.5 25.7
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	25.5 25.7 26.1 27.3 27.7 26.1 26.0 25.6 26.3 26.4 25.8 27.1 27.4 27.4 27.4 27.4 27.4 27.4 27.4 27.4	JUNE 24.0 24.2 24.0 24.2 25.2 24.9 24.9 24.9 24.6 24.3 24.5 25.1 25.0 25.7 26.2 26.0 26.0 26.2 26.4 26.3 26.6 26.7	24.6 24.9 25.0 26.7 25.7 25.3 25.1 25.0 25.3 25.5 25.5 25.5 25.5 26.6 26.8 26.6 26.8 26.8 26.8 26.8 26.8	28.5 28.1 27.0 27.9 27.6 27.4 27.0 26.5 27.2 26.8 26.9 26.7 27.7 27.5 27.2 26.8 27.2 26.8 27.2 26.8 27.1 27.0 27.7 27.5 27.2 26.8 27.1 27.0 27.7 28.3 28.3 27.8	JULY 26.8 26.9 26.7 25.7 25.7 25.7 25.5 26.2 26.0 25.9 26.2 26.0 25.9 26.2 26.7 25.9 26.2 26.7 25.9 26.2 26.7 25.9 26.2 26.0 25.9 26.2 26.7 25.9 26.2 26.0 25.9 26.2 26.7 25.9 26.2 26.4 25.8 26.2 26.4 25.8 26.5 26.4 25.8 26.5 26.4 25.8 26.5 26.4 25.8 26.5 26.4 25.8 26.5 26.4 27.6 26.5 26.5 26.5 26.4 27.6 26.5 26.5 26.4 27.6 26.5 26.5 26.4 27.6 26.5 26.5 26.4 27.6 26.5 26.5 26.4 27.6 26.5 26.4 27.6 26.5 26.5 26.4 27.6 26.5 26.4 27.6 26.5 26.4 27.6 26.5 26.4 27.6 27.6 26.5 26.4 27.6 27.4 26.8	27.5 27.7 26.9 27.1 27.2 27.0 26.4 26.2 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.7 126.8 26.3 26.5 26.7 27.1 27.1	26.2 26.5 26.5 26.9 26.9 26.7 26.9 27.0 28.2 28.1 28.1 28.4 28.3 28.1 29.0 28.8 28.6 28.3 28.3 28.3 28.1 27.8 27.1	AUGUST 25.5 25.6 25.9 26.1 26.1 26.1 26.1 26.0 26.2 26.5 26.6 27.1 27.6 27.6 27.6 27.7 28.0 27.5 27.7 28.0 27.5 27.6 27.7 27.9 27.5 27.7 26.9 26.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27	25.9 25.9 26.1 26.4 26.3 26.4 26.3 26.4 26.8 27.0 27.4 27.8 27.8 27.8 27.8 28.1 28.2 28.2 28.2 28.2 28.1 28.0 27.3 26.6 26.8 27.1 27.1 27.1	27.2 27.1 26.9 26.8 26.7 26.5 27.1 27.0 27.2 26.9 26.6 26.2 25.3 23.8 23.4 22.8 23.4 22.8 23.7 23.9 23.8 23.7 24.5 24.7 24.5 24.7 24.6 24.1 23.2 23.0 22.4 21.0	SEPTEME 26.8 26.6 26.1 26.4 26.0 25.9 25.7 26.6 26.7 26.6 25.3 23.1 22.6 22.4 23.0 22.4 23.0 22.9 23.0 23.1 23.2 23.7 23.2 23.7 23.2 23.7 23.2 23.7	ER 26.9 26.6 26.6 26.4 26.3 26.3 26.4 26.6 26.8 26.9 26.5 26.2 25.9 24.2 23.1 22.9 24.2 23.1 22.9 22.6 23.4 23.4 23.4 23.4 23.4 23.8 24.2 23.5 22.5 20.1
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	25.5 25.7 26.1 27.3 27.7 26.1 26.0 25.6 26.3 26.4 25.8 27.1 27.4 27.4 27.4 27.4 27.4 27.4 27.4 27.5 27.8 28.3 28.0 	JUNE 24.0 24.2 25.2 25.2 25.2 24.9 24.9 24.9 24.6 24.3 24.5 25.1 25.0 25.7 26.0 26.2 26.2 26.2 26.4 26.3 26.6 26.7 26.8 26.8	24.6 24.9 25.0 26.0 26.7 25.3 25.1 25.3 25.5 25.5 25.5 26.6 26.6 26.5 26.6 26.8 26.7 27.0 27.0 27.4 27.3 	28.5 28.1 27.0 27.9 27.6 27.4 27.0 26.5 27.2 26.8 26.9 26.7 27.7 27.5 27.2 26.8 26.9 26.7 27.7 27.5 27.2 26.8 27.1 27.0 27.7 28.3	JULY 26.8 26.9 26.7 25.7 25.7 25.7 25.5 26.2 26.0 25.9 26.2 26.0 25.9 26.2 26.7 25.9 26.2 26.7 25.9 26.2 26.7 25.9 26.2 26.0 25.9 26.2 26.7 25.9 26.2 26.0 25.9 26.2 26.7 25.9 26.2 26.4 25.8 26.2 26.4 25.8 26.5 26.4 25.8 26.5 26.4 25.8 26.5 26.4 25.8 26.5 26.4 25.8 26.5 26.4 27.6 26.5 26.5 26.5 26.4 27.6 26.5 26.5 26.4 27.6 26.5 26.5 26.4 27.6 26.5 26.5 26.4 27.6 26.5 26.5 26.4 27.6 26.5 26.4 27.6 26.5 26.5 26.4 27.6 26.5 26.4 27.6 26.5 26.4 27.6 26.5 26.4 27.6 27.6 26.5 26.4 27.6 27.4 26.8	27.5 27.7 26.9 27.1 27.2 27.0 26.4 26.2 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.7 126.8 26.3 26.5 26.7 27.1 27.1	26.2 26.5 26.5 26.8 26.9 26.7 26.9 27.0 28.2 28.1 28.1 28.4 28.3 28.1 29.0 28.8 28.6 28.3 28.3 28.3 28.3 28.3 27.7 27.5 27.4 27.5	AUGUST 25.5 25.6 25.9 26.1 26.1 26.1 26.1 26.0 26.2 26.5 26.6 27.1 27.6 27.6 27.6 27.7 28.0 27.5 27.7 28.0 27.5 27.6 27.7 27.9 27.5 27.7 26.9 26.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27	25.9 25.9 26.1 26.4 26.3 26.4 26.3 26.4 26.8 27.0 27.4 27.5 27.8 27.8 27.7 27.8 28.2 28.2 28.2 28.2	27.2 27.1 26.9 26.8 26.7 26.5 27.1 27.0 27.2 26.9 26.6 26.2 25.3 23.8 23.4 22.8 23.4 22.8 23.7 23.9 23.8 23.7 24.5 24.7 24.5 24.7 24.6 24.1 23.2 23.0 22.4 21.0	SEPTEME 26.8 26.6 26.1 26.4 26.0 25.9 25.7 26.6 26.2 26.7 26.6 25.3 23.1 22.6 22.3 22.4 23.0 22.9 23.0 23.1 23.2 23.7 23.2 23.7 23.2 22.1 21.8 20.8 19.2 	ER 26.9 26.6 26.6 26.6 26.4 26.3 26.3 26.4 26.6 26.8 26.9 26.5 26.2 25.9 24.2 23.1 22.9 24.2 23.1 22.9 24.2 23.4 23.4 23.4 23.4 23.3 23.4 23.5 22.7 22.5 20.1

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9--Continued

		OXY	GEN DISS	OLVED (MG/1	J), TOP,	WATER	YEAR OCTOBER	K 2000 1	LO SEPTEM	BER 2001		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER		NC	VEMBER		זת	ECEMBER			JANUARY	
		OCIOBER		INC	VENDER		Dr	SCEMBER			UANUARI	
1	8.9	8.0	8.3	9.2		8.7	10.7	9.9	10.3		11.3	11.7
2 3	9.7 10.3	7.9 8.1	8.6	9.3 9.4	8.3 8.1	8.8 8.7	10.6 10.7	10.1 10.1	10.3 10.3	12.7 13.1	11.9 11.9	12.3 12.5
4	11.2	8.6	9.1 9.5		8.0	8.7	11.7	10.6	11.1	13.2	12.5	12.8
5	11.8	8.1	9.6	9.3	8.1	8.6	12.3	11.2	11.7	13.5	11.7	12.8
6	11.6	8.3	97	9.6	8.1	8.6	12.3	11.6	11.9	13.1	12.0	12.5
7	10.0	8.0	9.7 9.0 8.1 8.3	9.4	7.8	8.7	12.5		12.2		12.7	13.0
8	8.9	7.6	8.1	10.2	78	8.5	12.5	11.9	12.2	13.7	12.8	13.2
9	9.1	7.9	8.3	9.6	7.3 6.6	8.5	12.3	11.5	11.9 11.7	13.6	12.4	
10	9.5	7.9	8.7	8.9	0.0	7.9	12.0	11.4	11./	12.9	11.9	12.3
11	11.0	8.0	9.2		8.0	8.4 8.5 9.0 9.1	12.0		11.5	13.7	12.2	13.1
12	11.2	8.4	10.2	9.2	8.2	8.5	12.0 11.7 11.5 11.3		11.2		13.0	13.4
13 14	12.7 12.7	10.2 11.0	11.5 11.6		8.3 8.6	9.0	11.5	10.6 10.6	11.2 11.0	13.1 13.4	12.5 12.3	12.9 12.7
15	12.2		11.5	9.5	8.5	9.0	11.2		10.8	13.8	10.8	12.8
1.6	10.0	10.0	11 0	10.1	0 5			10 6	10.0	10 6	10.0	12.0
16 17	13.0 12.2		11.9 11.4	0 0	8.7 8.9	9.4 9.2	11.1	10.6	10.8	13.6 13.4		13.0 13.0
18	12.0	10.4	11.3 10.5		8.6	9.1 9.2				13.9	12.4	12.9
19	12.1	9.7	10.5	9.6			10.1	8.6	9.3	13.0	11.2	12.5
20	11.7	9.3	10.4	10.1	8.9	9.6	9.6	8.8	9.0	11.3	10.1	10.7
21	11.1	9.1	10.1				10.9	9.1	9.7	10.8	9.8	10.3
22	10.2	8.0	9.1	10.6	9.4	10.0	11.0	9.7	10.1	10.9	10.0	10.4
23	9.2			10.9		10.3	10.9	9.7	10.4	10.8	10.3	10.5
24 25				10.6 10.6		10.3 10.4	12.2 11.9		11.0 11.3	12.6 12.2	10.4 10.9	11.4 11.6
26				10.9	9.6	10.4	11.9 12.5 12.2 12.2	11.0	11.4	12.2		11.3
27 28	8.3	7.5	7.9	11.0 10.7	10.3	10.6	12.5	11.5 11.5	11.9 11.8	11.8 11.9	10.8 10.7	$11.2 \\ 11.1$
29	9.2	7.7	8.3	11.8	10.1	10.9	12.2	11.5	11.8			
30	8.9	7.7	8.3 8.4 8.5	10.5	9.8	10.1	12.2	11.5	11.9	11.6	9.1	10.1
31	8.9	8.1	8.5				12.3	11.2	11.5	10.3	9.3	9.8
MONTH												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		REDDUADY			MADOU						MAN	
		FEBRUARY			MARCH			APRIL			MAY	
1	10.2	9.1	9.7				11.8	9.8	10.9	10.3	7.4	8.4
2	10.2 10.1	9.1 9.5	9.7 9.8				11.8 11.6	9.8 9.7	10.6	12.1	7.4 7.4	9.4
2 3	10.2 10.1 10.1	9.1 9.5 9.5	9.7 9.8 9.8				11.8 11.6 11.4	9.8 9.7 10.7	10.6 11.0	12.1 10.8	7.4 7.4 8.6	9.4 9.6
2	10.2 10.1	9.1 9.5	9.7 9.8				11.8 11.6	9.8 9.7	10.6	12.1	7.4 7.4	9.4
2 3 4 5	10.2 10.1 10.1 9.7 9.6	9.1 9.5 9.5 9.3 9.0	9.7 9.8 9.8 9.5 9.4	 	 	 	11.8 11.6 11.4 12.8 13.7	9.8 9.7 10.7 10.5 11.1	10.6 11.0 11.4 12.0	12.1 10.8 9.8 9.8	7.4 7.4 8.6 8.2 7.5	9.4 9.6 9.2 9.1
2 3 4 5	10.2 10.1 10.1 9.7 9.6 9.9	9.1 9.5 9.5 9.3 9.0 9.0	9.7 9.8 9.8 9.5 9.4 9.5	 	 		11.8 11.6 11.4 12.8 13.7 12.7	9.8 9.7 10.7 10.5 11.1 10.9	10.6 11.0 11.4 12.0 11.9	12.1 10.8 9.8 9.8 8.6 8.3	7.4 7.4 8.6 8.2 7.5 7.2 7.2	9.4 9.6 9.2 9.1 7.9
2 3 4 5	10.2 10.1 10.1 9.7 9.6	9.1 9.5 9.3 9.0 9.0 9.4	9.7 9.8 9.8 9.5 9.4	 	 	 	11.8 11.6 11.4 12.8 13.7	9.8 9.7 10.7 10.5 11.1 10.9	10.6 11.0 11.4 12.0	12.1 10.8 9.8 9.8 8.6 8.3	7.4 7.4 8.6 8.2 7.5 7.2 7.2	9.4 9.6 9.2 9.1
2 3 4 5 7 8 9	10.2 10.1 10.1 9.7 9.6 9.9 10.1	9.1 9.5 9.3 9.0 9.0 9.4	9.7 9.8 9.5 9.4 9.5 9.7 	 	 	 	11.8 11.6 11.4 12.8 13.7 12.7 13.6 12.8 12.6	9.8 9.7 10.7 10.5 11.1 10.9 10.2 11.3 10.1	10.6 11.0 11.4 12.0 11.9 11.5 11.9 11.1	12.1 10.8 9.8 9.8 8.6 8.3 8.7 8.7	7.4 7.4 8.6 8.2 7.5 7.2 7.2 7.5 6.3	9.4 9.6 9.2 9.1 7.9 7.7 8.1 8.0
2 3 4 5 6 7 8	10.2 10.1 10.1 9.7 9.6 9.9 10.1	9.1 9.5 9.3 9.0 9.0 9.4	9.7 9.8 9.5 9.4 9.5 9.7	 	 	 	11.8 11.6 11.4 12.8 13.7 12.7 13.6 12.8	9.8 9.7 10.7 10.5 11.1 10.9 10.2 11.3 10.1	10.6 11.0 11.4 12.0 11.9 11.5 11.9	12.1 10.8 9.8 9.8 8.6 8.3	7.4 7.4 8.6 8.2 7.5 7.2 7.2	9.4 9.6 9.2 9.1 7.9 7.7 8.1
2 3 4 5 7 8 9	10.2 10.1 10.1 9.7 9.6 9.9 10.1	9.1 9.5 9.3 9.0 9.0 9.4	9.7 9.8 9.5 9.4 9.5 9.7 	 	 	 	11.8 11.6 11.4 12.8 13.7 12.7 13.6 12.8 12.6 12.3 11.5	9.8 9.7 10.7 10.5 11.1 10.9 10.2 11.3 10.1 8.3 9.1	10.6 11.0 11.4 12.0 11.9 11.5 11.9 11.1 10.4	12.1 10.8 9.8 9.8 8.6 8.3 8.7 8.7 9.3 9.1	7.4 7.4 8.6 8.2 7.5 7.2 7.2 7.5 6.3	9.4 9.6 9.2 9.1 7.9 7.7 8.1 8.0
2 3 4 5 6 7 8 9 10 11 12	10.2 10.1 10.1 9.7 9.6 9.9 10.1 	9.1 9.5 9.5 9.3 9.0 9.0 9.4 	9.7 9.8 9.5 9.4 9.5 9.7 	 		 	11.8 11.6 11.4 12.8 13.7 12.7 13.6 12.8 12.6 12.3 11.5 10.8	9.8 9.7 10.7 10.5 11.1 10.9 10.2 11.3 10.1 8.3 9.1 8.7	10.6 11.0 11.4 12.0 11.9 11.5 11.9 11.1 10.4 10.3 9.9	12.1 10.8 9.8 9.8 8.6 8.3 8.7 9.3 9.1 8.3	7.4 8.6 8.2 7.5 7.2 7.5 6.3 7.5 7.5 7.5	9.4 9.6 9.2 9.1 7.9 7.7 8.1 8.0 8.4 8.4 7.3
2 3 4 5 6 7 8 9 10 11 12 13	10.2 10.1 10.1 9.7 9.6 9.9 10.1 	9.1 9.5 9.5 9.0 9.0 9.4 	9.7 9.8 9.5 9.4 9.5 9.7 	 10.6	 9.3	 10.1	11.8 11.6 11.4 12.8 13.7 12.7 13.6 12.8 12.6 12.3 11.5 10.8 10.4	9.8 9.7 10.7 10.5 11.1 10.9 10.2 11.3 10.1 8.3 9.1 8.7 8.3	10.6 11.0 11.4 12.0 11.9 11.5 11.9 11.1 10.4 10.3 9.9 9.3	12.1 10.8 9.8 9.8 8.6 8.3 8.7 8.7 9.3 9.1 8.3 8.1	7.4 7.4 8.6 8.2 7.5 7.2 7.5 6.3 7.5 7.2 5.9 6.5	9.4 9.6 9.2 9.1 7.9 7.7 8.1 8.0 8.4 8.4 7.3 7.4
2 3 4 5 6 7 8 9 10 11 12	10.2 10.1 9.7 9.6 9.9 10.1 	9.1 9.5 9.5 9.3 9.0 9.0 9.4 	9.7 9.8 9.5 9.4 9.5 9.7 	 		 	11.8 11.6 11.4 12.8 13.7 12.7 13.6 12.8 12.6 12.3 11.5 10.8	9.8 9.7 10.7 10.5 11.1 10.9 10.2 11.3 10.1 8.3 9.1 8.7	10.6 11.0 11.4 12.0 11.9 11.5 11.9 11.1 10.4 10.3 9.9	12.1 10.8 9.8 9.8 8.6 8.3 8.7 9.3 9.1 8.3	7.4 8.6 8.2 7.5 7.2 7.5 6.3 7.5 7.5 7.5	9.4 9.6 9.2 9.1 7.9 7.7 8.1 8.0 8.4 8.4 7.3
2 3 4 5 6 7 8 9 10 11 12 13 14 15	10.2 10.1 10.1 9.7 9.6 9.9 10.1 	9.1 9.5 9.5 9.0 9.0 9.0 9.4 	9.7 9.8 9.5 9.4 9.5 9.7 	 10.6 10.9	 9.3 10.0	 10.1 10.6	11.8 11.6 11.4 12.8 13.7 12.7 13.6 12.8 12.6 12.3 11.5 10.8 10.4 10.5 10.2	9.8 9.7 10.7 10.5 11.1 10.9 10.2 11.3 10.1 8.3 9.1 8.7 8.3 8.3 8.5	10.6 11.0 11.4 12.0 11.9 11.5 11.9 11.1 10.4 10.3 9.9 9.3 9.3 9.5	12.1 10.8 9.8 9.8 8.6 8.3 8.7 9.3 9.1 8.3 8.1 8.3 8.3	7.4 8.6 8.2 7.5 7.2 7.5 6.3 7.5 7.5 7.2 5.9 6.5 7.0 6.5 7.0 6.0	9.4 9.6 9.2 9.1 7.9 7.7 8.1 8.0 8.4 8.4 7.3 7.4 7.5 7.1
2 3 4 5 7 8 9 10 11 12 13 14 15 16	10.2 10.1 9.7 9.6 9.9 10.1 	9.1 9.5 9.3 9.0 9.0 9.4 	9.7 9.8 9.5 9.4 9.5 9.7 	 10.6 10.9 11.0	 9.3 10.0 9.9	 10.1 10.6	11.8 11.6 11.4 12.8 13.7 12.7 13.6 12.8 12.6 12.3 11.5 10.8 10.4 10.5 10.2 9.1	9.8 9.7 10.7 10.5 11.1 10.9 10.2 11.3 10.1 8.3 9.1 8.7 8.3 8.3 8.5 8.0	10.6 11.0 11.4 12.0 11.9 11.5 11.9 11.1 10.4 10.3 9.9 9.3 9.3 9.5 8.5	12.1 10.8 9.8 9.8 8.6 8.3 8.7 8.7 9.3 9.1 8.3 8.3 8.3 8.3 8.8	7.4 8.6 8.2 7.5 7.2 7.2 7.5 6.3 7.5 7.5 5.9 6.5 7.0 6.0 6.8	9.4 9.6 9.2 9.1 7.9 7.7 8.1 8.0 8.4 7.3 7.4 7.5 7.1 7.7
2 3 4 5 6 7 8 9 10 11 12 13 14 15	10.2 10.1 10.1 9.7 9.6 9.9 10.1 	9.1 9.5 9.3 9.0 9.0 9.4 	9.7 9.8 9.5 9.4 9.5 9.7 	 10.6 10.9	 9.3 10.0	 10.1 10.6	11.8 11.6 11.4 12.8 13.7 12.7 13.6 12.8 12.6 12.3 11.5 10.8 10.4 10.5 10.2	9.8 9.7 10.7 10.5 11.1 10.9 10.2 11.3 10.1 8.3 9.1 8.7 8.3 8.3 8.5	10.6 11.0 11.4 12.0 11.9 11.5 11.9 11.1 10.4 10.3 9.9 9.3 9.3 9.5	12.1 10.8 9.8 9.8 8.6 8.3 8.7 9.3 9.1 8.3 8.1 8.3 8.3	7.4 8.6 8.2 7.5 7.2 7.5 6.3 7.5 7.5 7.2 5.9 6.5 7.0 6.5 7.0 6.0	9.4 9.6 9.2 9.1 7.9 7.7 8.1 8.0 8.4 8.4 7.3 7.4 7.5 7.1
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	10.2 10.1 10.1 9.7 9.6 9.9 10.1 -	9.1 9.5 9.3 9.0 9.0 9.4 	9.7 9.8 9.5 9.4 9.5 9.7 	 10.6 10.9 11.0 12.5 12.5 11.6	 9.3 10.0 9.9 10.5 11.3 10.0	 10.1 10.6 10.4 11.5 11.9 10.7	11.8 11.6 11.4 12.8 13.7 12.7 13.6 12.8 12.6 12.3 11.5 10.8 10.4 10.5 10.2 9.1 9.2 8.6 9.2	9.8 9.7 10.7 10.5 11.1 10.9 10.2 11.3 10.1 8.3 9.1 8.7 8.3 8.3 8.5 8.0 7.8 7.5 7.8	10.6 11.0 11.4 12.0 11.9 11.5 11.9 11.1 10.4 10.3 9.9 9.3 9.3 9.5 8.5 8.5 8.3 8.0 8.5	12.1 10.8 9.8 9.8 8.6 8.3 8.7 9.3 9.1 8.3 8.3 8.3 8.3 8.3 8.3 8.4 8.3 8.3 8.3 8.3	7.4 8.6 8.2 7.5 7.2 7.2 7.5 6.3 7.5 7.2 5.9 6.5 7.0 6.0 6.8 6.6 6.1 6.7	9.4 9.6 9.2 9.1 7.9 7.7 8.1 8.0 8.4 7.3 7.4 7.5 7.1 7.7 7.1 7.2 7.7
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	10.2 10.1 10.1 9.7 9.6 9.9 10.1 	9.1 9.5 9.3 9.0 9.0 9.4 	9.7 9.8 9.5 9.4 9.5 9.7 	 10.6 10.9 11.0 12.5 12.5	 9.3 10.0 9.9 10.5 11.3	 10.1 10.6 10.4 11.5 11.9	11.8 11.6 11.4 12.8 13.7 12.7 13.6 12.8 12.6 12.3 11.5 10.8 10.4 10.5 10.2 9.1 9.2 8.6	9.8 9.7 10.7 10.5 11.1 10.9 10.2 11.3 10.1 8.3 9.1 8.3 8.3 8.5 8.0 7.8 7.5	10.6 11.0 11.4 12.0 11.9 11.5 11.9 11.1 10.4 10.3 9.9 9.3 9.5 8.5 8.5 8.3 8.0	12.1 10.8 9.8 9.8 8.6 8.3 8.7 9.3 9.3 9.1 8.3 8.1 8.3 8.3 8.4 8.3 8.8 7.4 8.7	7.4 8.6 8.2 7.5 7.2 7.5 6.3 7.5 7.5 7.2 5.9 6.5 7.0 6.0 6.8 6.1	9.4 9.6 9.2 9.1 7.9 7.7 8.1 8.0 8.4 7.3 7.4 7.5 7.1 7.7 7.1 7.2
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	10.2 10.1 10.1 9.7 9.6 9.9 10.1 -	9.1 9.5 9.3 9.0 9.0 9.4 	9.7 9.8 9.5 9.4 9.5 9.7 -	 10.6 10.9 11.0 12.5 11.6 10.6 10.6	 9.3 10.0 9.9 10.5 11.3 10.0 9.7 9.6	 10.1 10.6 10.4 11.5 11.9 10.7 10.0 10.0	11.8 11.6 11.4 12.8 13.7 12.7 13.6 12.8 12.6 12.3 11.5 10.8 10.4 10.5 10.2 9.1 9.2 8.6 9.2 9.1 8.8	9.8 9.7 10.7 10.5 11.1 10.9 10.2 11.3 10.1 8.3 9.1 8.3 8.3 8.3 8.5 8.0 7.8 7.5 7.8 7.7 7.1	10.6 11.0 11.4 12.0 11.9 11.5 11.9 11.1 10.4 10.3 9.9 9.3 9.3 9.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5	12.1 10.8 9.8 9.8 8.6 8.3 8.7 8.7 9.3 9.1 8.3 8.3 8.3 8.3 8.3 8.4 8.7 8.7 8.7 8.7 8.3 7.9	7.4 8.6 8.2 7.5 7.2 7.5 6.3 7.5 7.2 5.9 6.5 7.0 6.0 6.8 6.6 6.7 5.9 4.7	9.4 9.6 9.2 9.1 7.9 7.7 8.1 8.0 8.4 7.3 7.4 7.5 7.1 7.7 7.1 7.7 7.5 7.2
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	10.2 10.1 10.1 9.7 9.6 9.9 10.1 -	9.1 9.5 9.3 9.0 9.0 9.4 -	9.7 9.8 9.5 9.4 9.5 9.7 -	 10.6 10.9 11.0 12.5 12.5 11.6 10.6 10.6 10.6	 9.3 10.0 9.9 10.5 11.3 10.0 9.7 9.6 9.9	 10.1 10.6 10.4 11.5 11.9 10.7 10.0 10.0	11.8 11.6 11.4 12.8 13.7 12.7 13.6 12.8 12.6 12.3 11.5 10.8 10.4 10.5 10.2 9.1 9.2 8.6 9.2 9.1 8.8 8.6	9.8 9.7 10.7 10.5 11.1 10.9 10.2 11.3 10.1 8.3 9.1 8.7 8.3 8.3 8.5 8.0 7.8 7.5 7.7 7.1 7.6	10.6 11.0 11.4 12.0 11.9 11.5 11.9 11.1 10.4 10.3 9.9 9.3 9.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5	12.1 10.8 9.8 9.8 8.6 8.3 8.7 9.3 9.1 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 7.4 8.3 7.4 8.3 7.7	7.4 8.6 8.2 7.5 7.2 7.2 7.5 6.3 7.5 7.2 5.9 6.5 7.0 6.0 6.8 6.61 6.7 5.9 4.7 6.0	9.4 9.6 9.2 9.1 7.9 7.7 8.1 8.4 7.3 7.4 7.5 7.1 7.7 7.1 7.2 7.5 7.2 6.9
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	10.2 10.1 10.1 9.7 9.6 9.9 10.1 -	9.1 9.5 9.3 9.0 9.0 9.4 -	9.7 9.8 9.5 9.4 9.5 9.7 -	 10.6 10.9 11.0 12.5 12.5 11.6 10.6 10.6 10.6 10.6 10.6	 9.3 10.0 9.9 10.5 11.3 10.0 9.7 9.6 9.9 9.9	 10.1 10.6 10.4 11.5 11.9 10.7 10.0 10.0 10.0 10.2	11.8 11.6 11.4 12.8 13.7 12.7 13.6 12.8 12.6 12.3 11.5 10.8 10.4 10.5 10.2 9.1 9.2 8.6 9.2 9.1 8.8 8.6 9.2	9.8 9.7 10.7 10.5 11.1 10.9 10.2 11.3 10.1 8.3 8.3 8.3 8.3 8.5 8.0 7.8 7.5 7.8 7.7 7.1 7.6 6.7	10.6 11.0 11.4 12.0 11.9 11.5 11.9 11.1 10.4 10.3 9.9 9.3 9.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.2 8.1 8.2	12.1 10.8 9.8 9.8 8.6 8.3 8.7 9.3 9.3 9.1 8.3 8.3 8.3 8.3 8.3 8.3 8.3 7.4 8.7 8.7 8.7 8.7 8.7	7.4 8.6 8.2 7.5 7.2 7.5 6.3 7.5 7.2 7.5 7.5 7.2 5.9 6.5 7.0 6.0 6.8 6.1 6.7 9 4.7 5.9	9.4 9.6 9.2 9.1 7.9 7.7 8.1 8.0 8.4 7.3 7.4 7.5 7.1 7.7 7.5 7.2 7.7 7.5 2.6 9 6.9
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	10.2 10.1 10.1 9.7 9.6 9.9 10.1 -	9.1 9.5 9.3 9.0 9.0 9.4 -	9.7 9.8 9.5 9.4 9.5 9.7 -	 10.6 10.9 11.0 12.5 12.5 11.6 10.6 10.6 10.6	 9.3 10.0 9.9 10.5 11.3 10.0 9.7 9.6 9.9	 10.1 10.6 10.4 11.5 11.9 10.7 10.0 10.0	11.8 11.6 11.4 12.8 13.7 12.7 13.6 12.8 12.6 12.3 11.5 10.8 10.4 10.5 10.2 9.1 9.2 8.6 9.2 9.1 8.8 8.6	9.8 9.7 10.7 10.5 11.1 10.9 10.2 11.3 10.1 8.3 9.1 8.7 8.3 8.3 8.5 8.0 7.8 7.5 7.7 7.1 7.6	10.6 11.0 11.4 12.0 11.9 11.5 11.9 11.1 10.4 10.3 9.9 9.3 9.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5	12.1 10.8 9.8 9.8 8.6 8.3 8.7 9.3 9.1 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 7.4 8.3 7.4 8.3 7.7	7.4 8.6 8.2 7.5 7.2 7.2 7.5 6.3 7.5 7.2 5.9 6.5 7.0 6.0 6.8 6.61 6.7 5.9 4.7 6.0	9.4 9.6 9.2 9.1 7.9 7.7 8.1 8.4 7.3 7.4 7.5 7.1 7.7 7.1 7.2 7.5 7.2 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	10.2 10.1 10.1 9.7 9.6 9.9 10.1 -	9.1 9.5 9.5 9.3 9.0 9.0 9.4 -	9.7 9.8 9.8 9.5 9.4 9.5 9.7 -	 10.6 10.9 11.0 12.5 12.5 11.6 10.6 10.6 10.6 10.6 11.3 12.3 10.7	 9.3 10.0 9.9 10.5 11.3 10.0 9.7 9.6 9.9 9.9 10.1 10.1	 10.1 10.6 10.4 11.5 11.9 10.7 10.0 10.0 10.0 10.2 10.5 11.1 10.4	11.8 11.6 11.4 12.8 13.7 12.7 13.6 12.8 12.6 12.3 11.5 10.8 10.4 10.5 10.2 9.1 9.2 8.6 9.2 9.1 8.8 8.6 9.2 8.6 	9.8 9.7 10.7 10.5 11.1 10.9 10.2 11.3 10.1 8.3 8.3 8.3 8.3 8.5 8.0 7.8 7.5 7.8 7.7 7.1 7.6 6.7 6.2 	10.6 11.0 11.4 12.0 11.9 11.5 11.9 11.1 10.4 10.3 9.9 9.3 9.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8	12.1 10.8 9.8 9.8 8.6 8.3 8.7 9.3 9.3 9.1 8.3 8.3 8.3 8.3 8.3 8.4 7.9 7.7 7.5 8.7 8.4	7.4 8.6 8.2 7.5 7.2 7.5 6.3 7.5 7.2 7.5 7.5 7.2 7.5 7.5 7.0 6.0 6.8 6.1 6.7 9 4.7 6.9 6.2	9.4 9.6 9.2 9.1 7.9 7.7 8.1 8.0 8.4 7.3 7.4 7.5 7.1 7.7 7.5 7.2 6.9 6.9 7.4 7.6
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	10.2 10.1 10.1 9.7 9.6 9.9 10.1 -	9.1 9.5 9.3 9.0 9.0 9.4 -	9.7 9.8 9.8 9.5 9.4 9.5 9.7 -	 10.6 10.9 11.0 12.5 12.5 11.6 10.6 10.6 10.6 10.6 11.3 12.3 10.7	 9.3 10.0 9.9 10.5 11.3 10.0 9.7 9.6 9.9 9.9 10.1 10.1	 10.1 10.6 10.4 11.5 11.9 10.7 10.0 10.0 10.0 10.2 10.5 11.1 10.4	11.8 11.6 11.4 12.8 13.7 12.7 13.6 12.8 12.6 12.3 11.5 10.8 10.4 10.5 10.2 9.1 9.2 8.6 9.2 9.1 8.8 8.6 9.2 9.1 8.8	9.8 9.7 10.7 10.5 11.1 10.9 10.2 11.3 10.1 8.3 9.1 8.3 8.3 8.5 8.0 7.8 7.5 7.8 7.5 7.8 7.7 7.1 7.6 6.2 	10.6 11.0 11.4 12.0 11.9 11.5 11.9 11.1 10.4 10.3 9.9 9.3 9.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8	12.1 10.8 9.8 9.8 8.6 8.3 8.7 9.3 9.3 9.1 8.3 8.3 8.3 8.3 8.3 8.4 7.9 7.7 7.5 8.7 8.4	7.4 8.6 8.2 7.5 7.2 7.5 6.3 7.5 7.2 7.5 7.5 7.2 7.5 7.5 7.0 6.0 6.8 6.1 6.7 9 4.7 6.9 6.2	9.4 9.6 9.2 9.1 7.9 7.7 8.1 8.0 8.4 7.3 7.4 7.5 7.1 7.7 7.5 7.2 6.9 6.9 7.4 7.6
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	10.2 10.1 10.1 9.7 9.6 9.9 10.1 -	9.1 9.5 9.3 9.0 9.0 9.4 -	9.7 9.8 9.8 9.5 9.4 9.5 9.7 -	 10.6 10.9 11.0 12.5 12.5 11.6 10.6 10.6 10.6 10.6 11.3 12.3 10.7 11.3 12.2 12.0 12.3	 9.3 10.0 9.9 10.5 11.3 10.0 9.7 9.6 9.9 9.9 10.1 10.1 10.1 9.9 10.1 10.1 9.9 10.1 10.1	 10.1 10.6 10.4 11.5 11.9 10.7 10.0 10.5 11.1 10.4 10.7 11.5 11.7 11.6	11.8 11.6 11.4 12.8 13.7 12.7 13.6 12.8 12.6 12.3 11.5 10.4 10.5 10.2 9.1 9.2 8.6 9.2 9.1 8.8 8.6 9.2 9.1 8.8 8.6 9.2 9.1 8.6 9.2 9.1	9.8 9.7 10.7 10.5 11.1 10.9 10.2 11.3 10.1 8.3 9.1 8.3 8.3 8.5 8.0 7.8 7.5 7.8 7.5 7.8 7.7 7.1 7.6 6.2 7.6	10.6 11.0 11.4 12.0 11.9 11.5 11.9 10.4 10.3 9.9 9.3 9.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8	12.1 10.8 9.8 9.8 8.6 8.3 8.7 9.3 9.3 9.1 8.3 8.1 8.3 8.3 8.4 7.4 8.7 8.7 8.7 8.7 8.7 8.3 7.9 7.7 5 8.7 8.4 7.6 7.6 6.8 7.2	7.4 8.6 8.2 7.5 7.2 7.5 6.3 7.5 7.2 7.5 6.3 7.5 7.2 5.5 7.0 6.0 6.0 6.8 6.1 6.7 9 6.2 6.1 5.5 5.1 5.4	9.4 9.6 9.2 9.1 7.9 7.7 8.1 8.0 8.4 7.3 7.4 7.5 7.1 7.7 7.5 7.2 6.9 7.4 7.6 6.5 6.7 6.4
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 27 28 29 30	10.2 10.1 10.1 9.7 9.6 9.9 10.1 	9.1 9.5 9.3 9.0 9.0 9.4 -	9.7 9.8 9.8 9.5 9.4 9.5 9.7 -	 10.6 10.9 11.0 12.5 12.5 11.6 10.6 10.6 10.6 11.3 12.3 10.7 11.3 12.2 12.0 12.3 13.0	 10.0 9.9 10.5 11.3 10.0 9.9 9.0,1 10.1 9.9 9.0,1 10.1 9.9 10.6 11.4 10.4	 10.1 10.6 10.4 11.5 11.9 10.7 10.0 10.0 10.0 10.2 10.5 11.1 10.4 10.7 11.5 11.7 11.5	11.8 11.6 11.4 12.8 13.7 12.7 13.6 12.8 12.6 12.3 11.5 10.4 10.5 10.2 9.1 9.2 8.6 9.2 9.1 8.8 8.6 9.2 9.1 8.8 8.6 9.2 8.6 9.3 7.9 8.5	9.8 9.7 10.7 10.5 11.1 10.9 10.2 11.3 10.1 8.3 9.1 8.7 8.3 8.3 8.5 8.0 7.8 7.8 7.7 7.1 7.6 6.7 6.2 7.6 7.4	10.6 11.0 11.4 12.0 11.9 11.5 11.9 11.1 10.4 10.3 9.9 9.3 9.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8	12.1 10.8 9.8 9.8 8.6 8.3 8.7 9.3 9.1 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 7.4 8.7 8.7 8.7 8.7 8.7 8.7 8.4 7.6 6.8 7.2 8.8	7.4 8.6 8.2 7.5 7.2 7.5 6.3 7.5 7.2 5.9 6.0 6.8 6.61 7.9 5.9 6.0 6.9 6.1 5.9 6.1 5.1 7.4 5.1 5.7 4.1	9.4 9.6 9.2 9.1 7.9 7.7 8.1 8.4 7.3 7.4 7.5 7.1 7.7 7.1 7.7 7.1 7.2 6.9 6.9 6.9 6.5 6.5 6.7 6.2 6.2 6.4 7.6
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	10.2 10.1 10.1 9.7 9.6 9.9 10.1 -	9.1 9.5 9.3 9.0 9.0 9.4 -	9.7 9.8 9.8 9.5 9.4 9.5 9.7 -	 10.6 10.9 11.0 12.5 12.5 11.6 10.6 10.6 10.6 10.6 11.3 12.3 10.7 11.3 12.2 12.0 12.3 13.0 13.2	 9.3 10.0 9.9 10.5 11.3 10.0 9.7 9.9 9.9 10.1 10.1 10.1 9.9 10.6 11.4 10.8 10.4 10.5	 10.1 10.6 10.4 11.5 11.9 10.7 10.0 10.2 10.5 11.1 10.4 10.7 11.5 11.1 10.4	11.8 11.6 11.4 12.8 13.7 12.7 13.6 12.8 12.6 12.3 11.5 10.4 10.5 10.2 9.1 9.2 8.6 9.2 9.1 8.8 8.6 9.2 9.1 8.8 8.6 9.2 9.1 8.6 9.2 9.1	9.8 9.7 10.7 10.5 11.1 10.9 10.2 11.3 10.1 8.3 9.1 8.3 8.3 8.5 8.0 7.8 7.5 7.8 7.5 7.8 7.7 7.1 7.6 6.2 7.6 7.4 	10.6 11.0 11.4 12.0 11.9 11.5 11.9 11.1 10.4 10.3 9.9 9.3 9.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8	12.1 10.8 9.8 9.8 8.6 8.3 8.7 9.3 9.3 9.1 8.3 8.1 8.3 8.3 8.4 7.4 8.7 8.7 8.7 8.7 8.7 8.3 7.9 7.7 5 8.7 8.4 7.6 7.6 6.8 7.2	7.4 8.6 8.2 7.5 7.2 7.5 6.3 7.5 7.2 7.5 6.3 7.5 7.2 7.5 7.0 6.0 6.0 6.8 6.1 6.7 9 6.2 6.1 5.5 5.1 5.4 5.1 5.4 5.1	9.4 9.6 9.2 9.1 7.9 7.7 8.1 8.0 8.4 7.5 7.1 7.5 7.1 7.7 7.5 7.2 6.9 7.4 7.6 6.5 6.7 6.4 7.6
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	10.2 10.1 10.1 9.7 9.6 9.9 10.1 	9.1 9.5 9.3 9.0 9.0 9.4 -	9.7 9.8 9.8 9.5 9.4 9.5 9.7 -	 10.6 10.9 11.0 12.5 11.6 10.6 10.6 10.6 11.3 12.3 10.7 11.3 12.2 12.0 12.3 13.0	 10.0 9.9 10.5 11.3 10.0 9.9 9.0,1 10.1 9.9 9.0,1 10.1 9.9 10.6 11.4 10.4	 10.1 10.6 10.4 11.5 11.9 10.7 10.0 10.0 10.0 10.2 10.5 11.1 10.4 10.7 11.5 11.7 11.5	11.8 11.6 11.4 12.8 13.7 12.7 13.6 12.8 12.6 12.3 11.5 10.4 10.5 10.2 9.1 9.2 8.6 9.2 9.1 8.8 8.6 9.2 9.1 8.8 8.6 9.2 8.6 9.3 7.9 8.5	9.8 9.7 10.7 10.5 11.1 10.9 10.2 11.3 10.1 8.3 9.1 8.7 8.3 8.3 8.5 8.0 7.8 7.8 7.7 7.1 7.6 6.7 6.2 7.6 7.4	10.6 11.0 11.4 12.0 11.9 11.5 11.9 11.1 10.4 10.3 9.9 9.3 9.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8	12.1 10.8 9.8 9.8 8.6 8.3 8.7 9.3 9.1 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 7.4 8.7 8.7 8.7 8.7 8.7 8.7 8.4 7.6 6.8 7.2 8.8	7.4 8.6 8.2 7.5 7.2 7.5 6.3 7.5 7.2 5.9 6.0 6.8 6.61 7.9 5.9 6.0 6.9 6.1 5.9 6.1 5.1 7.4 5.1 5.7 4.1	9.4 9.6 9.2 9.1 7.9 7.7 8.1 8.4 7.3 7.4 7.5 7.1 7.7 7.5 7.1 7.7 7.5 7.2 6.9 6.9 6.9 6.5 6.5 6.7 6.2 6.4 7.6

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

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9--Continued

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

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

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

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

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY		1.11.77	MARCH			APRIL		1.7.72	MAY	114
1 2 3 4 5	8.8 8.8 8.8 8.5 8.3	8.1 7.9 8.0 8.2 7.5	8.5 8.5 8.4 8.4 8.1	 	 	 	10.6 10.9 10.5 11.9 12.4	6.4 6.8 6.5 6.7 9.3	8.1 9.3 8.0 9.1 10.7	8.3 9.5 8.4 8.6 6.7	4.3 2.9 2.2 2.5 2.5	6.2 6.1 4.7 5.2 4.1
6 7 8 9 10	8.5 8.7 	7.5 7.3 	8.1 8.1 	 	 	 	11.6 10.3 9.3 6.9 10.8	7.7 5.8 3.7 3.8 3.9	9.8 8.7 6.3 5.2 5.7	8.3 8.2 8.1 8.4 7.8	3.5 4.7 5.3 4.5 3.8	6.2 6.8 7.2 7.0 6.6
11 12 13 14 15	 	 	 	10.3 10.4	 8.8 8.0	 9.5 9.3	9.6 6.9 8.6 8.7 8.2	4.0 2.9 3.8 3.1 2.0	7.5 4.6 6.1 6.4 4.4	7.6 7.5 7.8 8.2 7.3	4.0 4.8 5.5 6.3 5.8	6.0 6.4 6.9 7.2 6.5
16 17 18 19 20	 	 	 	10.1 11.7 12.1 11.2 10.1	8.4 7.8 10.1 9.6 9.3	9.3 10.0 11.4 10.4 9.6	9.4 9.1 8.2 8.4 9.4	5.1 5.4 6.1 4.7 5.1	7.2 7.8 7.3 6.9 7.1	8.2 7.2 7.0 7.7 8.1	5.0 6.4 5.4 4.7 3.8	6.5 6.8 6.5 6.7 6.0
21 22 23 24 25	 	 	 	10.1 10.3 10.9 11.4 10.4	9.2 9.7 9.3 8.8 8.0	9.6 9.9 10.1 10.2 9.9	 	 	 	7.1 7.6 7.5 7.6 7.9	3.2 4.9 5.0 3.7 3.1	5.5 6.6 6.3 5.6
26 27 28 29 30 31	 	 	 	11.0 11.3 11.5 11.7 12.0 11.0	7.6 8.4 8.8 9.2 7.7 6.6	9.8 10.0 10.4 10.5 10.0 8.2	9.1 7.9 8.1	7.1 7.5 5.9	 8.2 7.7 7.4	6.8 7.2 6.7 6.7 7.7	2.9 1.9 4.1 3.7 3.3	4.6 4.7 6.0 5.5 5.8
MONTH												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY		1	AUGUST		2	SEPTEMBE	IR
DAY 1 2 3 4 5	MAX		MEAN	MAX 4.2 6.2 5.7 6.5 6.4		MEAN 1.3 3.7 4.5 4.8 5.7			MEAN			
1 2 3 4	 6.7 6.3	JUNE 4.9 2.6	 5.8 5.1	4.2 6.2 5.7 6.5	JULY .2 .4 3.2 1.2	1.3 3.7 4.5 4.8	 	AUGUST 	 	6.9 7.4 7.1 5.7	.4 .4 .4 2.0 .9	2.2 3.1 5.7 3.7
1 2 3 4 5 6 7 8 9	6.7 6.3 6.4 6.9 7.2 6.1 6.0	JUNE 4.9 2.6 1.7 1.4 3.0 2.4 .9	 5.8 5.1 4.7 4.7 5.7 4.8 3.3	4.2 6.2 5.7 6.5 6.4 9.0 8.2 7.4 7.3	JULY .2 .4 3.2 1.2 4.2 3.8 4.3 4.9 	1.3 3.7 4.5 4.8 5.7 6.0 6.4 6.5 	 6.1 2.1 .9 1.1	AUGUST	 2.5 .3 .1 .3	6.9 7.4 7.1 5.7 7.3 7.5 8.0 7.2 7.9	SEPTEMBE .4 2.0 .9 2.7 3.1 3.8 3.8 3.8 4.3	R 2.2 3.1 5.7 3.7 5.3 5.8 6.3 6.2 6.3
1 2 3 4 5 6 7 8 9 10 11 12 13 14	 6.7 6.3 6.4 6.9 7.2 6.0 5.1 2.1 3.7 4.9 6.8	JUNE 4.9 2.6 1.7 1.4 3.0 2.4 .9 .0 .0 .0 .0 .3 1.0	 5.8 5.1 4.7 5.7 4.8 3.3 1.3 .6 1.0 1.5 4.2	4.2 6.2 5.7 6.5 6.4 9.0 8.2 7.4 7.3 8.8	JULY .2 .4 3.2 1.2 4.2 3.8 4.3 4.3 4.9 2.9 6.2	1.3 3.7 4.5 4.8 5.7 6.0 6.4 6.5 6.7 7.2 6.4 3.8	6.1 2.1 .9 1.1 2.7 3.0 2.8 3.6 7.2 	AUGUST	 2.5 .3 .1 .3 .3 .3 .4 .5 .3 2.4	6.9 7.4 7.1 5.7 7.3 7.5 8.0 7.2 7.9 6.2 7.8 8.0 7.8	4 .4 .4 2.0 .9 2.7 3.1 3.8 3.8 4.3 2.4 2.6 3.1 5.9 5.3	R 2.2 3.1 5.7 5.3 5.8 6.3 6.3 6.3 6.3 3.9 4.8 6.3 6.7
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	 6.7 6.3 6.4 6.9 7.2 6.1 6.0 5.1 2.1 3.7 4.9 6.8 7.6 7.6 7.7 8.6	JUNE 4.9 2.6 1.7 1.4 3.0 2.4 .9 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	 5.8 5.1 4.7 5.7 4.8 3.3 1.3 .6 1.0 1.5 4.2 6.1	4.2 6.2 5.7 6.5 6.4 9.0 8.2 7.4 7.3 8.8 7.6 7.2 5.2 7.8 6.9	JULY .2 .4 3.2 1.2 4.2 3.8 4.3 4.3 4.3 2.9 6.2 3.3 1.0 .8 1.6 2.0	1.3 3.7 4.5 4.8 5.7 6.0 6.4 6.4 6.5 6.7 7.2 6.4 3.8 2.8 4.5 5.0	6.1 2.1 .9 1.1 2.7 3.0 2.8 3.6 7.2 3.8 7.1 6.3 7.1 5.2 6.2 5.0	AUGUST	 2.5 .3 .1 .3 .3 .4 .5 .3 2.4 .9 2.7 3.2	6.9 7.4 7.1 5.7 7.3 7.5 8.0 7.2 7.9 6.2 7.8 8.0 7.6 7.8 7.9 8.5 8.2 8.0 8.5	SEPTEMBE .4 .4 .4 .9 2.7 3.1 3.8 4.3 2.4 2.6 3.1 5.9 5.3 6.6 6.8 5.3 4.5	R 2.2 3.1 5.7 5.3 5.8 6.3 6.3 6.3 6.3 3.9 4.8 6.3 6.7 6.7 7.2 7.6 7.1 6.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	 6.3 6.4 6.9 7.2 6.0 5.1 2.1 3.7 4.9 6.8 7.6 7.7 8.6 7.8 6.2 4.7 5.2 4.7	JUNE 4.9 2.6 1.7 1.4 3.0 2.4 .9 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	 5.8 5.1 4.7 4.7 5.7 4.8 3.3 1.3 .6 1.0 1.5 4.2 6.1 5.7 6.1 4.3 2.7 1.8 2.2 2.9 5.5	$\begin{array}{c} 4.2 \\ 6.2 \\ 5.7 \\ 6.5 \\ 6.4 \\ 9.0 \\ 8.2 \\ 7.4 \\ \\ \\ 7.3 \\ 8.8 \\ 7.6 \\ 7.2 \\ 5.2 \\ 7.8 \\ 6.9 \\ 7.5 \\ 7.1 \\ 7.4 \\ 6.3 \\ 7.0 \\ \end{array}$	JULY .2 .4 3.2 1.2 4.2 3.8 4.3 4.3 4.9 2.9 6.2 3.3 1.0 .8 1.6 2.0 6.2 5.6 5.3 1.1 1.0	1.3 3.7 4.8 5.7 6.0 6.4 6.5 6.7 7.2 6.4 3.8 2.8 4.5 5.0 7.0 6.5 3.5 5.7	6.1 2.1 3.0 2.8 3.6 7.2 3.8 7.1 6.3 7.1 5.2 6.2 5.0	AUGUST	 2.5 .3 .1 .3 .3 .4 .5 .3 2.4 .5 .3 2.4 .5 .3 2.4 .5 .3 2.4 .5 .3 2.4 .5 .3 2.4 .5 .3 2.4 .5 .3 2.4 .5 .3 2.4 .5 .1 .1 .1 .3 .3 .1 .1 .5 .3 .1 .1 .5 .3 .1 .1 .3 .3 .1 .1 .5 .3 .1 .1 .3 .3 .1 .1 .5 .3 .1 .1 .3 .3 .1 .1 .3 .3 .1 .1 .3 .3 .1 .1 .5 .3 .1 .1 .3 .3 .1 .1 .3 .3 .1 .1 .3 .3 .1 .1 .5 .3 .1 .1 .3 .3 .1 .1 .5 .3 .1 .1 .1 .1 .3 .3 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	6.9 7.4 7.1 5.7 7.3 7.5 8.0 7.2 7.9 6.2 7.9 6.2 7.8 8.0 7.6 7.8 7.9 8.5 8.2 8.0 8.5 7.9 8.5 8.2 8.0 7.9 7.1 5.7 5.3	SEPTEMBE .4 .4 .4 .4 .9 2.7 3.1 3.8 3.8 4.3 2.4 2.6 3.1 5.9 5.3 6.6 6.8 5.3 4.5 5.3 4.5 5.3 2.2 .8 1.1 1.2	R 2.2 3.1 5.7 5.8 6.3 6.3 3.9 4.8 6.3 6.7 7.6 7.1 6.1 6.5 5.4 3.5 3.2

OXYGEN DISSOLVED $\left(\text{MG/L} \right),$ BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9--Continued

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		OXYGEN	DISSOLVED	(% OF SAT	URATION),	TOP,	WATER YE	AR OCTOBER	2000 TO	SEPTEMBER	2001	
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MA	X MIN	MEAN	MAX	MIN	MEAN
		OCTOBE	ER.	N	OVEMBER			DECEMBER			JANUARY	
1	101	90	94	92	84	89	9	5 86	90	93	84	87
2	110	88	96	95	84	90	9		90	95	87	91
3	119	91	103	94	82	88	8		88	98	87	93
4 5	133	97 93	110	97 96	81 82	89 88	9		91 95	97	90 89	94 94
5	141	93	112	96	02	00	10	0 90	95	101	69	94
6	139	97	116	97	82	87	10	0 95	97	98	89	93
7	120	94	106	94	80	87	10		100	101	93	98
8	104	85	92	106	79	88	10		101	106	98	101
9 10	92 98	84 83	88 89	101 94	76 69	89 82	10 10		99 97	105 98	95 90	101 93
10	20	05	09	54	0.5	02	10	0 24	57	50	50	25
11	117	82	96	91	82	86	10		97	106	91	100
12	120	88	107	93	83	86	10		96	109	101	105
13	134	107	121	104 100	83 86	90 91	9 10		95 97	105 109	100 98	102
14 15	136 131	116 112	123 122	93	84	88	10		97	109	88	103 107
10	101		100	22	01	00	10	0 55	2.	101	00	107
16	141	114	129	97	83	90	10		97	116	101	109
17	135	111	125	96	86	89				113	103	108
18 19	130 135	114 106	124 115	94 90	84 85	87 87	8		82	117 110	103 98	107 105
20	130	101	114	94	83	89	8		78	98	88	94
21	125	100	111				9		82	93	84	88
22 23	114 100	88 86	100 93	91 93	85 86	88 89	9 8		84 84	92 89	84 86	88 87
23				92	86	89	9		87	104	85	94
25				92	88	90	9		88	101	89	95
26 27	 89	 80	85	97 100	88 91	93 94	9 9		87 90	100 96	86 87	92 91
28				97	89	93	9		89	98	86	91
29	99	83	89	107	90	97	9		89			
30	94	81	88	94	87	90	9		89	95	74	84
31	93	84	88				9	2 84	86	89	79	83
MONTH												
DAY	ΜΔΧ	MTN	MEAN	мдх	MTN	MEAN	MA	X MTN	MEAN	мах	MTN	MEAN
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MA		MEAN	MAX	MIN	MEAN
DAY	MAX	MIN FEBRUAF		MAX	MIN MARCH	MEAN	MA	X MIN APRIL	MEAN	MAX	MIN MAY	MEAN
		FEBRUAF	Υ.	MAX		MEAN		APRIL			MAY	
1	MAX 88 88				MARCH		MA 11 11	APRIL 5 93	106	111		90
1 2 3	88 88 87	FEBRUAR 78 82 82	84 84		MARCH		11 11 10	APRIL 5 93 2 92 9 101			MAY 78 79 93	90 102 106
1 2 3 4	88 88 87 82	FEBRUAF 78 82 82 78	84 85 84 80		MARCH		11 11 10 12	APRIL 5 93 2 92 9 101 4 100	106 101 105 109	111 133 121 114	MAY 78 79 93 90	90 102 106 104
1 2 3	88 88 87	FEBRUAR 78 82 82	84 85 84		MARCH		11 11 10	APRIL 5 93 2 92 9 101 4 100	106 101 105	111 133 121	MAY 78 79 93	90 102 106
1 2 3 4 5	88 88 87 82 82	FEBRUAR 78 82 82 78 76	84 85 84 80 80		MARCH		11 11 10 12 13	APRIL 5 93 2 92 9 101 4 100 4 106	106 101 105 109 116	111 133 121 114 115	MAY 78 79 93 90 86	90 102 106 104 105
1 2 3 4	88 88 87 82	FEBRUAF 78 82 82 78	84 85 84 80	 	MARCH 	 	11 11 10 12	APRIL 5 93 2 92 9 101 4 100 4 106 5 109	106 101 105 109	111 133 121 114	MAY 78 79 93 90	90 102 106 104
1 2 3 4 5 6 7 8	88 88 87 82 82 87 89	FEBRUAF 78 82 78 76 76 76 82	84 85 84 80 80 80 81 84	 	MARCH	 	11 11 10 12 13 12 14 13	APRIL 5 93 2 92 9 101 4 100 4 106 5 109 1 101 6 114	106 101 105 109 116 117 116 125	111 133 121 114 115 101 90 96	MAY 78 79 93 90 86 79 78 80	90 102 106 104 105 89 83 87
1 2 3 4 5 6 7 8 9	88 88 87 82 82 87 89 	FEBRUAF 78 82 82 78 76 76 76 82 	84 85 84 80 80 81 84 	 	MARCH		11 11 10 12 13 12 14 13 13	APRIL 5 93 2 92 9 101 4 100 4 106 5 109 1 101 6 114 9 107	106 101 105 109 116 117 116 125 118	111 133 121 114 115 101 90 96 98	MAY 78 79 93 90 86 79 78 80 69	90 102 106 104 105 89 83 83 87 88
1 2 3 4 5 6 7 8	88 88 87 82 82 87 89	FEBRUAF 78 82 78 76 76 76 82	84 85 84 80 80 80 81 84	 	MARCH	 	11 11 10 12 13 12 14 13	APRIL 5 93 2 92 9 101 4 100 4 106 5 109 1 101 6 114 9 107	106 101 105 109 116 117 116 125	111 133 121 114 115 101 90 96	MAY 78 79 93 90 86 79 78 80	90 102 106 104 105 89 83 87
1 2 3 4 5 6 7 8 9	88 88 87 82 82 87 89 	FEBRUAF 78 82 82 78 76 76 76 82 	84 85 84 80 80 81 84 	 	MARCH		11 11 10 12 13 12 14 13 13	APRIL 5 93 2 92 9 101 4 100 4 106 5 109 1 101 6 114 9 107 6 88	106 101 105 109 116 117 116 125 118	111 133 121 114 115 101 90 96 98	MAY 78 79 93 90 86 79 78 80 69	90 102 106 104 105 89 83 83 87 88
1 2 3 4 5 6 7 8 9 10 11 12	88 88 87 82 82 82 89 	FEBRUAF 78 82 82 78 76 82 	84 85 84 80 80 81 84 		MARCH		11 11 10 12 13 12 14 14 13 13 13 13 12 12	APRIL 5 93 2 92 9 101 4 100 4 106 5 109 1 101 6 114 9 107 6 88 6 94 8 94	106 101 105 109 116 117 116 125 118 112 111	111 133 121 114 115 101 90 96 98 106 104 96	MAY 78 79 90 86 79 78 80 69 83 80 66	90 102 106 104 105 89 83 87 88 94 95 83
1 2 3 4 5 6 7 8 9 10 11 12 13	88 87 82 87 89 	FEBRUAR 78 82 82 78 76 76 82 	84 85 84 80 80 81 84 	 101	MARCH	 94	11 11 10 12 13 12 14 13 13 13 13 13 12 11 11	APRIL 5 93 2 92 9 101 4 100 4 106 5 109 1 101 6 114 9 107 6 88 6 94 8 94 7 89	106 101 105 109 116 117 116 125 118 112 111 111 108 103	111 133 121 114 115 101 90 96 98 106 104 93	MAY 78 79 93 90 86 79 78 80 69 83 80 66 73	90 102 106 104 105 89 83 87 88 94 95 83 83
1 2 3 4 5 6 7 8 9 10 11 12 13 14	88 88 87 82 82 87 89 	FEBRUAF 78 82 82 78 76 82 	84 85 84 80 80 81 84 	 101	MARCH	 94	11 11 10 12 13 12 14 13 13 13 13 12 11 11	APRIL 5 93 2 92 9 101 4 100 4 106 5 109 1 101 6 114 9 107 6 88 6 94 8 94 7 89 7 92	106 101 105 109 116 117 116 125 118 112 111 108 103 103	111 133 121 114 115 101 90 96 98 106 104 93 95	MAY 78 79 90 86 79 78 80 69 83 80 66 83 80 66 73 79	90 102 106 104 105 89 83 87 88 94 95 83 83 84 86
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	88 87 82 87 89 	FEBRUAR 78 82 82 78 76 82 	84 85 84 80 80 81 84 	 101	MARCH	 94 	11 11 10 12 13 12 14 13 13 13 13 13 12 11 11	APRIL 5 93 2 92 9 101 4 100 4 106 5 109 1 101 6 114 9 107 6 88 6 94 8 94 7 89 7 92	106 101 105 109 116 117 116 125 118 112 111 111 108 103	111 133 121 114 115 101 90 96 98 106 104 93	MAY 78 79 90 86 79 78 80 69 83 80 66 73 79 68	90 102 106 104 105 89 83 87 88 94 95 83 84 86 81
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	88 88 82 82 89 	FEBRUAR 78 82 82 78 76 82 	84 85 84 80 80 81 84 	 101 104 106	MARCH	 94 101 99	11 11 10 12 13 12 14 13 13 13 13 13 12 11 11 11 11 11	APRIL 5 93 2 92 9 101 4 100 4 106 5 109 1 101 6 114 9 107 6 88 6 94 8 94 7 89 7 92 3 93 0 87	106 101 105 109 116 117 116 125 118 112 111 108 103 103 105 93	111 133 121 114 115 101 90 96 98 106 104 96 93 93 95 94	MAY 78 79 90 86 79 78 80 69 83 80 69 83 80 66 73 79 68 73	90 102 106 104 105 89 83 87 88 94 95 83 84 86 81 87
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	88 88 87 82 82 87 89 	FEBRUAR 78 82 78 76 82 76 82 	84 85 84 80 80 81 84 	 101 104 106 124	MARCH	 94 101 99 112	11 11 10 12 13 12 14 14 13 13 13 13 12 11 11 11 11 11 11 11 10 10	APRIL 5 93 2 92 9 101 4 100 4 106 5 109 1 101 6 114 9 107 6 88 6 94 8 94 7 89 7 92 3 93 0 87 0 81	106 101 105 109 116 117 116 125 118 112 111 108 103 103 105 93 89	111 133 121 114 115 101 90 96 98 106 104 96 93 95 94 100 83	MAY 78 79 93 90 86 79 78 80 69 83 80 66 73 79 68 72 79 68 74	90 102 106 104 105 89 83 87 88 94 95 83 84 86 81 87 79
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	88 88 87 82 82 89 	FEBRUAR 78 82 78 76 76 82 	84 85 84 80 80 81 84 	 101 104 106 124 124	MARCH	 94 101 99 1126	11 11 10 12 13 12 14 13 13 13 13 13 12 11 11 11 11 11 11 11 10 10 8	APRIL 5 93 2 92 9 101 4 100 4 106 5 109 1 01 6 114 9 107 6 88 6 94 8 94 7 89 7 92 3 93 0 87 0 81 8 76	106 101 105 109 116 117 116 125 118 112 111 108 103 103 105 93 89 81	111 133 121 114 115 101 90 96 98 106 104 96 93 95 94 100 83 99	MAY 78 79 90 86 79 78 80 69 83 80 66 73 79 68 76 74 68	90 102 106 104 105 89 83 87 88 94 95 83 84 86 81 87 79 980
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	88 88 87 82 82 87 89 	FEBRUAR 78 82 78 76 82 76 82 	84 85 84 80 80 81 84 	 101 104 106 124	MARCH	 94 101 99 112	11 11 10 12 13 12 14 14 13 13 13 13 12 11 11 11 11 11 11 10 10	APRIL 5 93 2 92 9 101 4 100 4 106 5 109 1 101 6 114 9 107 6 88 6 94 8 94 7 89 7 92 3 93 0 87 0 81 8 76 3 78	106 101 105 109 116 117 116 125 118 112 111 108 103 103 105 93 89	111 133 121 114 115 101 90 96 98 106 104 96 93 95 94 100 83	MAY 78 79 93 90 86 79 78 80 69 83 80 66 73 79 68 72 79 68 74	90 102 106 104 105 89 83 87 88 94 95 83 84 86 81 87 79 88
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	88 88 87 82 82 89 	FEBRUAR 78 82 78 76 82 	84 85 84 80 80 81 84 	 101 104 106 124 124 112 100	MARCH	 94 101 99 112 116 102 93	11 11 10 12 13 12 14 13 13 13 13 12 11 11 11 11 11 10 10 8 9 9 9	APRIL 5 93 2 92 9 101 4 100 4 106 5 109 1 011 6 114 9 107 6 88 6 94 8 94 7 89 7 92 3 93 0 87 0 81 8 76 3 78 2 77	106 101 105 109 116 125 118 112 111 108 103 103 105 93 89 81 84 85	111 133 121 114 115 101 90 96 98 106 104 96 93 95 94 100 83 99 103 98	MAY 78 79 93 90 86 79 78 80 69 83 80 66 73 79 68 76 74 68 75 69	90 102 106 104 105 89 83 87 88 94 95 83 84 86 81 87 79 80 88 88
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	88 87 82 87 89 	FEBRUAR 78 82 82 82 82 78 76 82 	84 85 84 80 80 81 84 	 101 104 106 124 112 100 100	MARCH	 	11 11 10 12 13 12 14 13 13 13 13 13 13 12 11 11 11 11 11 11 10 10 8 9 9 9 9	APRIL 5 93 2 92 9 101 4 100 4 106 5 109 1 101 6 114 9 107 6 88 6 94 8 94 7 89 7 92 3 93 0 87 0 81 8 76 3 78 2 77 1 72	106 101 105 109 116 117 116 125 118 112 111 108 103 103 105 93 89 81 84 85 84	111 133 121 114 115 101 90 96 98 106 104 96 93 95 94 100 83 99 103 98 92	MAY 78 79 90 86 79 78 80 69 83 80 66 73 79 68 74 68 75 69 53	90 102 106 104 105 89 83 87 88 94 95 83 84 86 81 87 79 88 88 88 88 88 88
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	88 88 87 82 82 87 89 	FEBRUAR 78 82 78 76 82 76 82 	84 85 84 80 80 81 84 	 101 104 106 124 124 124 124 121 100 100 100	MARCH	 101 99 112 116 106 102 93 94 95	11 11 10 12 13 12 14 13 13 13 13 13 13 12 11 11 11 11 11 11 10 10 8 9 9 9 9 9 9 9	APRIL 5 93 2 92 9 101 4 106 5 109 1 101 6 114 9 107 6 88 6 94 8 94 7 89 7 92 3 93 0 87 0 81 8 76 8 76 2 77 1 72 2 80	106 101 105 109 116 117 116 125 118 112 111 108 103 103 105 93 89 81 84 84 85	111 133 121 114 115 101 90 98 106 98 106 104 96 93 95 94 100 83 99 94 103 99 90 103 99	MAY 78 79 93 90 86 79 78 80 69 83 80 66 73 79 68 74 68 75 69 53 71	90 102 106 104 105 89 83 87 88 94 95 83 84 84 81 87 79 80 88 88 88 88
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	88 87 82 87 89 	FEBRUAR 78 82 82 82 82 78 76 82 	84 85 84 80 80 81 84 	 101 104 106 124 112 100 100	MARCH	 	11 11 10 12 13 12 14 13 13 13 13 13 13 12 11 11 11 11 11 11 10 10 8 9 9 9 9	APRIL 5 93 2 92 9 101 4 100 4 106 5 109 1 101 6 114 9 107 6 88 6 94 8 94 7 89 7 92 3 93 0 87 0 81 8 76 3 78 2 77 1 72 2 80 2 71	106 101 105 109 116 117 116 125 118 112 111 108 103 103 105 93 89 81 84 85 84	111 133 121 114 115 101 90 96 98 106 104 96 93 95 94 100 83 99 103 98 92	MAY 78 79 90 86 79 78 80 69 83 80 66 73 79 68 74 68 75 69 53	90 102 106 104 105 89 83 87 88 94 95 83 84 86 81 87 79 88 88 88 88 88 88
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	88 88 87 82 82 87 89 	FEBRUAR 78 82 78 76 82 78 76 82 	84 85 84 80 80 81 84 	 101 104 106 124 124 112 100 100 100 100 109	MARCH	 94 101 99 112 1166 102 93 94 95 99	11 11 10 12 13 12 14 13 13 13 13 12 11 11 11 11 10 10 8 9 9 9 9 9 10	APRIL 5 93 2 92 9 101 4 100 4 106 5 109 1 011 6 114 9 107 6 88 6 94 8 94 7 89 7 92 3 93 0 87 0 81 8 76 3 78 2 77 1 72 2 80 0 71 5 67	106 101 105 109 116 117 116 125 118 112 111 108 103 103 103 103 105 93 89 81 84 85 84 85	111 133 121 114 115 101 90 96 98 106 104 96 93 95 94 100 83 99 94 100 83 99 94 100 83 99 92 91 88	MAY 78 79 93 90 86 79 78 80 69 83 80 66 73 79 68 76 74 68 75 69 53 71 69	90 102 106 104 105 89 83 87 88 84 86 81 87 79 80 88 88 88 88 88 88 88 84 81 81
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	88 88 87 82 82 87 89 	FEBRUAR 78 82 78 76 82 	84 85 84 80 80 81 84 	 101 104 106 124 124 122 100 100 100 100 109 116 102	MARCH	 94 101 99 112 116 102 93 94 95 99 105 97	11 11 10 12 13 12 14 13 13 13 13 12 14 13 13 13 12 11 11 11 11 10 10 8 9 9 9 9 9 9 9 9 9 9 9 9 9	APRIL 5 93 2 92 9 101 4 100 4 106 5 109 1 101 6 114 9 107 6 88 6 94 8 94 7 89 7 92 3 93 0 87 0 81 8 76 3 78 2 77 1 72 2 80 2 71 5 67 	106 101 105 109 116 117 116 125 118 112 111 108 103 103 103 103 105 93 89 81 84 85 88 84 85 88 86 	111 133 121 114 115 101 90 96 98 106 104 96 93 95 94 100 83 99 103 98 92 91 88 105 101	MAY 78 79 93 90 86 79 78 80 69 83 80 66 73 79 68 76 74 68 75 69 53 71 69 72 72	90 102 106 104 105 89 83 87 89 4 95 83 84 86 81 87 79 80 88 88 84 81 81 87 91
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	88 87 82 87 89 	FEBRUAR 78 82 82 78 76 82 	84 85 84 80 80 81 84 	 101 104 106 124 112 100 100 100 100 100 100 109 116 102	MARCH	 	11 11 10 12 13 12 14 13 13 13 13 13 13 13 13 13 13 13 13 13	APRIL 5 93 2 92 9 101 4 100 4 106 5 109 1 011 6 114 9 107 6 88 6 94 8 94 7 89 7 92 3 93 0 87 0 81 8 76 3 78 2 77 1 72 2 80 0 71 5 67 	106 101 105 109 116 117 116 125 118 112 111 108 103 103 105 93 89 81 84 85 84 85 84 85 84 85 84	111 133 121 114 115 101 90 96 98 106 104 96 93 95 94 100 83 99 103 98 92 91 103 98 92 91 88 88 105 101	MAY 78 79 93 90 86 79 78 80 69 83 80 66 73 79 68 76 74 68 75 69 53 71 69 72 72 65	90 102 106 104 105 89 83 87 88 94 95 83 84 86 81 87 79 80 88 88 88 84 81 87 79 91 77
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	88 87 82 87 89 	FEBRUAR 78 82 82 78 76 82 	84 85 84 80 80 81 84 	 101 104 106 124 124 122 100 100 100 100 109 116 102	MARCH	 94 101 99 112 116 102 93 94 95 99 105 97	11 11 10 12 13 12 14 13 13 13 13 12 14 13 13 13 12 11 11 11 11 10 10 8 9 9 9 9 9 9 9 9 9 9 9 9 9	APRIL 5 93 2 92 9 101 4 100 4 106 5 109 1 011 6 114 9 107 6 88 6 94 8 94 7 89 7 92 3 93 0 87 0 81 8 76 3 78 2 777 1 72 2 80 2 77 1 72 2 80 2 77 	106 101 105 109 116 117 116 125 118 112 111 108 103 103 103 103 105 93 89 81 84 85 88 84 85 88 86 	111 133 121 114 115 101 90 96 98 106 104 96 93 95 94 100 83 99 103 98 92 91 88 105 101	MAY 78 79 93 90 86 79 78 80 69 83 80 66 73 79 68 76 74 68 75 69 53 71 69 72 72	90 102 106 104 105 89 83 87 88 94 95 83 84 84 81 87 79 80 88 88 88 84 81 81 87 79 1 77 91
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	88 88 87 82 82 87 89 	FEBRUAR 78 82 82 78 76 82 	8Y 84 85 84 80 80 81 84 	 101 104 106 124 112 100 100 100 100 100 100 100 100 100	MARCH	 	11 11 10 12 13 12 14 14 13 13 13 13 13 12 11 11 11 11 11 11 11 10 10 8 9 9 9 9 9 9 9 9 9 9 0 10 0 9 9 9 9 9 9	APRIL 5 93 2 92 9 101 4 100 4 106 5 109 1 101 6 114 9 107 6 88 6 94 8 94 7 89 7 92 3 93 0 87 0 81 8 76 3 78 2 77 1 72 2 80 0 87 1 72 2 80 0 2 71 1 5 67	106 101 105 109 116 117 116 125 118 112 111 108 103 103 105 93 89 81 84 85 84 85 84 85 84 85 84 85 88 88 88 86 87 80	111 133 121 114 115 101 90 96 98 106 104 96 93 95 94 100 83 99 103 98 92 91 103 98 92 91 103 98 92 91 103 88 105 101	MAY 78 79 90 86 79 78 80 69 83 80 66 73 79 68 76 74 68 75 69 53 71 69 72 72 65 61 68 64	90 102 106 104 105 89 83 87 88 94 95 83 84 86 81 87 79 80 88 88 84 81 87 79 91 77 79 91 77 79
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	88 88 87 82 82 87 89 	FEBRUAR 78 82 82 78 76 76 82	8Y 84 85 84 80 80 81 84 	 101 104 106 124 124 124 122 100 100 100 100 100 100 100 100 100	MARCH	 101 999 1122 1162 1062 1062 93 94 95 99 1055 97 99 1055 1066 1077 110	11 11 10 12 13 12 14 13 13 13 13 13 13 13 12 11 11 11 11 11 10 10 8 9 9 9 9 9 9 9 9 9 9 9 9 9	APRIL 5 93 2 92 9 101 4 106 5 109 1 101 6 114 9 107 6 88 6 94 8 94 7 89 7 92 3 93 0 87 0 81 8 76 8 76 2 77 1 72 2 80 2 77 7 77	106 101 105 109 116 117 116 125 118 112 111 108 103 103 105 93 89 81 84 85 88 84 85 88 84 85 88 84 85 88 84 85 88 84 85 88 84 85 88 84 85 88 84 85 88 84 85 88 86 87 80 82	111 133 121 114 115 101 90 96 98 106 104 96 93 95 94 100 83 99 103 98 92 91 88 105 101 92 91 81 84 106	MAY 78 79 90 86 79 78 80 69 83 80 66 73 79 68 74 68 74 68 75 69 53 71 69 72 72 65 61 68 64 60	90 102 106 104 105 89 83 87 88 84 84 81 87 79 80 88 88 84 81 81 87 79 80 80 88 88 81 81 77 91 77 91
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	88 88 87 82 82 87 89 	FEBRUAR 78 82 82 78 76 82 	84 85 84 80 80 81 84 	 101 104 106 124 112 100 100 100 100 100 100 100 100 100	MARCH	 	11 11 10 12 13 12 14 14 13 13 13 13 13 12 11 11 11 11 11 11 11 11 11 10 10 8 9 9 9 9 9 9 9 9 0 10 0 9 9 9 9 9 9 9 9	APRIL 5 93 2 92 9 101 4 106 5 109 1 101 6 114 9 107 6 88 6 94 8 94 7 89 7 92 3 93 0 87 0 81 8 76 8 76 2 77 1 72 2 80 2 77 7 77	106 101 105 109 116 117 116 125 118 112 111 108 103 103 105 93 89 81 84 85 84 85 84 85 84 85 84 85 88 88 88 88 88 86 87 80	111 133 121 114 115 101 90 96 98 106 104 96 93 95 94 100 83 99 103 98 92 91 103 98 92 91 103 98 92 91 103 88 105 101	MAY 78 79 90 86 79 78 80 69 83 80 66 73 79 68 76 74 68 75 69 53 71 69 72 72 65 61 68 64	90 102 106 104 105 89 83 87 88 94 95 83 84 86 81 87 79 80 88 88 84 81 87 79 91 77 79 91 77 79
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	88 88 87 82 82 87 89 	FEBRUAR 78 82 82 78 76 76 82	8Y 84 85 84 80 80 81 84 	 101 104 106 124 124 124 122 100 100 100 100 100 100 100 100 100	MARCH	 101 999 1122 1162 1062 1062 93 94 95 99 1055 97 99 1055 1066 1077 110	11 11 10 12 13 12 14 13 13 13 13 13 13 13 12 11 11 11 11 11 10 10 8 9 9 9 9 9 9 9 9 9 9 9 9 9	APRIL 5 93 2 92 9 101 4 100 4 106 5 109 1 01 6 114 9 107 6 88 6 94 8 94 7 89 7 92 3 93 0 87 0 81 8 76 3 78 2 77 1 72 2 80 0 81 8 76 3 78 2 77 1 72 2 80 0 71 5 67 9 78 2 79 1 76 	106 101 105 109 116 117 116 125 118 112 111 108 103 103 105 93 89 81 84 85 88 84 85 88 84 85 88 84 85 88 84 85 88 84 85 88 84 85 88 84 85 88 84 85 88 84 85 88 86 87 80 82	111 133 121 114 115 101 90 96 98 106 104 96 93 95 94 100 83 99 103 98 92 91 88 105 101 92 91 81 84 106	MAY 78 79 90 86 79 78 80 69 83 80 66 73 79 68 74 68 74 68 75 69 53 71 69 72 72 65 61 68 64 60	90 102 106 104 105 89 83 87 88 84 84 81 87 79 80 88 88 84 81 81 87 79 80 80 88 88 81 81 77 91 77 91

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

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9--Continued

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

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

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

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

0209265810 NEUSE RIVER AT CHANNEL LIGHT 9--Continued

		OXYGEN	DISSOLVED	(% OF SAT	URATION),	BOTTOM,	WATER YEA	AR OCTOB	ER 2000	TO SEPTEMBER	2001	
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUAR	Y		MARCH			APRIL			MAY	
1	75	69	72				103	60	77	88	46	65
2	77	67	73				105	65	89	102	30	65
3	76	68	72				100	62	76	91	23	50
4	72	69	71				115	64	87	95	26	55
5	71	64	69				122	90	103	73	26	43
6	73	64	69				115	76	96	94	36	68
7	75	62	69				103	57	87	89	50	73
8							95	36	62	88	58	77
9							69	37	51	95	48	76
10							118	39	57	86	41	73
11 12							102 74	41 29	80 47	85 85	44 52	67 72
13				97	80	88	95	39	67	90	52 61	72
14							95	34	70	95	71	83
15				99	74	88	90	21	47	83	66	74
16				96	79	88	103	55	79	94	57	73
17				116	74	97	98	59	83	81	71	76
18				120	98	112	84	62	75	79	60	72
19				108	90	99	85	48	69	88	53	76
20				96	86	89	95	52	71	95	43	68
21				95	86	90				83	36	63
21				97	90	93				90	57	77
23				105	87	95				88	58	77
24				109	83	96				89	43	73
25				99	74	93				95	36	66
26				102	71	91				81	34	55
27				103	78	92				86	22	56
28				106	81	95	96	73	85	79	48	71
29				108	85	97	82	78	80	79	43	65
30				116	72	95	86	62	77	92	39	68
31				106	62	78						
MONTH												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX		MEAN	MAX		MEAN			MEAN			
DAY	MAX	MIN JUNE	MEAN	MAX	MIN JULY	MEAN		MIN AUGUST	MEAN		MIN PTEMBI	
DAY 1	MAX		MEAN	MAX 54		MEAN 17			MEAN			
		JUNE			JULY		1	AUGUST		SE	PTEMBI	ER
1		JUNE		54	JULY 3	17		AUGUST		SE 87	PTEMBI 5	ER 28
1 2		JUNE 		54 79	JULY 3 5	17 47	 	AUGUST 		SE 87 93	PTEMBI 5 5	ER 28 38
1 2 3	 82	JUNE 59	 70	54 79 72	JULY 3 5 40	17 47 57	 	AUGUST 		SE 87 93 89	PTEMBI 5 5 26	ER 28 38 71
1 2 3 4 5	 82 78 79	JUNE 59 31 20	 70 62 58	54 79 72 84 81	JULY 3 5 40 15 53	17 47 57 61 73	 	AUGUST 	 	SE 87 93 89 71 91	PTEMBI 5 26 11 34	28 38 71 46 65
1 2 3 4 5 6	 82 78 79 88	JUNE 59 31 20 16	 70 62 58 58	54 79 72 84 81 114	JULY 3 5 40 15 53 48	17 47 57 61 73 75	 76	AUGUST 1	 32	SE 87 93 89 71 91 93	PTEMBI 5 26 11 34 38	ER 28 38 71 46 65 72
1 2 3 4 5 6 7	 82 78 79 88 92	JUNE 59 31 20 16 36	 70 62 58 58 72	54 79 72 84 81 114 102	JULY 3 5 40 15 53 48 54	17 47 57 61 73 75 80	2 76 26	AUGUST 1 1	 32 4	SE 87 93 89 71 91 93 100	PTEMBI 5 26 11 34 38 47	ER 28 38 71 46 65 72 79
1 2 3 4 5 6 7 8	 82 78 79 88 92 77	JUNE 59 31 20 16 36 29	 70 62 58 58 72 59	54 79 72 84 81 114	JULY 3 5 40 15 53 48	17 47 57 61 73 75	 76 26 12	AUGUST 1 1 0	 32 4 2	SE 87 93 89 71 91 91 93 100 89	PTEMBI 5 26 11 34 38 47 47	ER 28 38 71 46 65 72 79 77
1 2 3 4 5 6 7	 82 78 79 88 92	JUNE 59 31 20 16 36	 70 62 58 58 72	54 79 72 84 81 114 102 91	JULY 3 5 40 15 53 48 54 61	17 47 57 61 73 75 80 81	2 76 26	AUGUST 1 1	 32 4	SE 87 93 89 71 91 93 100	PTEMBI 5 26 11 34 38 47	ER 28 38 71 46 65 72 79
1 2 3 4 5 6 7 8 9 10	 82 78 79 88 92 77 74 64	JUNE 59 31 20 16 36 29 11 0	 70 62 58 58 72 59 40 16	54 79 72 84 81 114 102 91 	JULY 3 5 40 15 53 48 54 61 	17 47 57 61 73 75 80 81 	 76 26 12 14 35	AUGUST 1 1 0 0 0 0	 32 4 2 4 4 2 4	SE 87 93 89 71 91 93 100 89 100 77	PTEMBI 5 26 11 34 38 47 47 54 30	ER 28 38 71 46 65 72 79 77 78 48
1 2 3 4 5 6 7 8 9 10 11	 82 78 79 88 92 77 74 64 26	JUNE 59 31 20 16 36 29 11 0	 70 62 58 58 72 59 40 16 7	54 79 72 84 81 114 102 91 	JULY 3 5 40 15 53 48 54 61 	17 47 57 61 73 75 80 81 	76 26 12 14 35 39	AUGUST 1 1 0 0 0 0 0	 32 4 2 4 4 4 4 5	SE 87 93 89 71 91 93 100 89 100 77 99	PTEMBI 5 26 11 34 38 47 47 54 30 33	ER 28 38 71 46 65 72 79 77 77 78 48 60
1 2 3 4 5 6 7 8 9 10 11 12	 82 78 79 88 92 77 74 64 26 46	JUNE 59 31 20 16 36 29 11 0 0 0 0	 70 62 58 58 72 59 40 16 7 13	54 79 72 84 81 114 102 91 	JULY 3 5 40 15 53 48 54 61 	17 47 61 73 75 80 81 	 76 26 12 14 35 39 36	AUGUST	 32 4 2 4 4 4 4 5 7	SE 87 93 89 71 91 93 100 89 100 77 99 100	PTEMBI 5 26 11 34 38 47 47 54 30 33 39	ER 28 38 71 46 65 72 79 77 78 48 60 79
1 2 3 4 5 6 7 8 9 10 11 12 13	 82 78 79 88 92 77 74 64 26 46 61	JUNE 59 31 20 16 36 29 11 0 0 0 0 4	 70 62 58 58 72 59 40 16 7 13 19	54 79 72 84 81 114 102 91 93	JULY 3 5 40 15 53 48 54 61 36	17 47 57 61 73 75 80 81 84	 76 26 12 14 35 39 36 47	AUGUST 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	 32 4 2 4 4 4 5 7 4	SE 87 93 89 71 91 93 100 89 100 77 99 100 95	PTEMBI 5 26 11 34 38 47 47 54 30 33 39 73	ER 28 38 71 46 65 79 77 78 48 60 79 83
1 2 3 4 5 6 7 8 9 10 11 12	 82 78 79 88 92 77 74 64 26 46	JUNE 59 31 20 16 36 29 11 0 0 0 0	 70 62 58 58 72 59 40 16 7 13	54 79 72 84 81 114 102 91 	JULY 3 5 40 15 53 48 54 61 	17 47 61 73 75 80 81 	 76 26 12 14 35 39 36	AUGUST	 32 4 2 4 4 4 4 5 7	SE 87 93 89 71 91 93 100 89 100 77 99 100	PTEMBI 5 26 11 34 38 47 47 54 30 33 39	ER 28 38 71 46 65 72 79 77 78 48 60 79
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	 82 78 79 88 92 77 74 64 61 84 93	JUNE 59 31 20 16 36 29 11 0 0 0 4 12 58	 70 62 58 72 59 40 16 7 13 19 52 75	54 79 72 84 81 114 102 91 93 111 95	JULY 3 5 40 15 53 48 54 61 36 77 41	17 47 57 61 73 75 80 81 81 90 80	76 26 12 14 35 39 36 47 93 	AUGUST 1 1 0 0 0 0 0 1	 32 4 2 4 4 5 7 4 31 	SE 87 93 89 71 91 93 100 89 100 77 99 100 95 96 93	PTEMBI 5 26 11 34 38 47 47 54 30 33 39 73 66 80	ER 28 38 71 46 65 72 79 77 78 48 60 79 83 82 86
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	 82 78 79 88 92 77 74 64 26 46 61 84 93	JUNE 59 31 20 16 36 6 29 11 0 0 0 4 12 58	70 62 58 58 72 59 40 16 7 13 19 52 75	54 79 72 84 81 114 102 91 93 111 95 90	JULY 3 5 40 15 53 48 54 61 36 77 41 12	17 47 57 61 73 75 80 81 81 90 80 80 48	76 26 12 14 35 39 36 47 93 	AUGUST 1 1 1 0 0 0 0 0 1	 32 4 2 4 4 4 4 5 7 4 4 31 	SE 87 93 89 71 91 93 100 89 100 77 99 100 95 96 93 99	PTEMBI 5 26 11 34 38 47 47 54 30 33 39 73 66 80 80	ER 28 38 71 46 65 72 79 77 78 48 60 79 83 82 86 89
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	 82 78 79 88 92 77 74 64 26 46 61 84 93 	JUNE 59 31 20 16 36 29 11 0 0 0 4 12 58	 70 62 58 58 72 59 40 16 7 13 19 52 75	54 79 72 84 81 114 102 91 93 111 95 90 65	JULY 3 5 40 15 53 48 54 61 36 77 41 12 10	17 47 57 61 73 75 80 81 84 90 80 48 35	 76 26 12 14 35 39 36 47 93 49	AUGUST	 32 4 2 4 4 4 4 5 7 4 4 31 	SE 87 93 89 71 91 93 100 89 100 77 99 100 95 96 93 99 96	PTEMBI 5 26 11 34 38 47 47 54 30 33 39 73 66 80 80 61	ER 28 38 71 46 65 72 79 77 78 48 60 79 83 82 86 82 86 89 83
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	 82 78 79 88 92 77 74 64 64 61 84 61 84 93 98	JUNE 59 31 20 16 36 29 11 0 0 0 4 12 58 45	 70 62 58 72 59 40 16 7 13 19 52 75 71	54 79 72 84 81 114 102 91 93 111 95 90 65 99	JULY 3 5 40 15 53 48 54 61 36 77 41 12 10 20	17 47 57 61 73 75 80 81 84 90 80 48 35 57	76 26 12 14 35 39 36 47 93 49 93	AUGUST	 32 4 2 4 4 4 5 7 4 31 12 34	SE 87 93 89 71 91 93 100 89 100 77 99 100 95 96 93 99 96 93	PTEMBI 5 5 26 11 34 38 47 47 54 30 33 39 73 66 80 80 61 56	ER 28 38 71 46 65 72 79 77 78 48 60 79 83 82 86 89 83 74
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	 82 78 79 88 92 77 74 64 26 46 61 84 93 	JUNE 59 31 20 16 36 29 11 0 0 0 4 12 58	 70 62 58 58 72 59 40 16 7 13 19 52 75	54 79 72 84 81 114 102 91 93 111 95 90 65	JULY 3 5 40 15 53 48 54 61 36 77 41 12 10	17 47 57 61 73 75 80 81 84 90 80 48 35	 76 26 12 14 35 39 36 47 93 49	AUGUST	 32 4 2 4 4 4 4 5 7 4 4 31 	SE 87 93 89 71 91 93 100 89 100 77 99 100 95 96 93 99 96	PTEMBI 5 26 11 34 38 47 47 54 30 33 39 73 66 80 80 61	ER 28 38 71 46 65 72 79 77 78 48 60 79 83 82 86 82 86 89 83
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	 82 78 79 88 92 77 74 64 64 61 84 61 84 93 98 109 98	JUNE 59 31 20 16 36 29 11 0 0 0 4 12 58 45 42 12	 70 62 58 72 59 40 16 7 13 19 52 75 71 76 54	54 79 72 84 81 114 102 91 93 111 95 90 65 99 87 94	JULY 3 5 40 15 53 48 54 61 36 77 41 12 10 20 25 78	17 47 57 61 73 75 80 81 84 90 80 48 35 57 63 87	76 26 12 14 35 39 36 47 93 49 93 82 92	AUGUST 1 1 0 0 0 0 0 0 1 2 2 3 3 3	 32 4 2 4 4 4 5 7 4 31 12 34 41 14	SE 87 93 89 71 91 93 100 89 100 97 99 100 95 96 93 99 96 93 100 93 100 93	PTEMBI 5 5 26 11 34 38 47 47 54 30 30 33 39 73 66 80 80 80 80 61 56 52 62	ER 28 38 71 46 65 72 79 77 78 48 60 79 83 82 86 89 83 74 71 76
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	 82 78 79 88 92 77 74 64 26 46 46 46 61 84 93 98 109 98 78	JUNE 5-9 31 20 16 36 6 29 11 0 0 0 4 12 58 45 58 45 42 12 3	 70 62 58 58 72 59 40 16 7 13 19 52 75 71 76 54 33	54 79 72 84 81 114 102 91 93 111 95 90 65 99 90 87 94 89	JULY 3 5 40 15 53 48 54 61 36 77 41 12 10 20 25 78 70	17 47 57 61 73 75 80 81 84 90 80 48 35 57 63 87 81	 76 26 12 14 35 39 36 47 93 49 93 82 92 	AUGUST 1 1 1 0 0 0 0 0 1 2 2 3 3	 32 4 2 4 4 4 4 4 31 12 34 41 14	SE 87 93 89 71 91 93 100 89 100 77 99 100 95 96 93 99 96 93 100 93 84	PTEMB) 5 5 26 11 34 38 47 54 30 33 39 73 66 80 80 61 52 62 22 62 26	ER 28 38 71 46 65 72 79 77 78 48 60 79 83 82 86 89 83 71 71 76 63
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	 82 78 79 88 92 77 74 64 26 46 61 84 93 98 109 98 78 59	JUNE 59 31 20 16 36 29 11 0 0 0 0 4 12 58 45 45 12 12 3 7	 70 62 58 58 72 59 40 16 7 13 19 52 75 71 76 54 33 22	54 79 72 84 81 114 102 91 93 111 95 90 65 99 87 94 89 90	JULY 3 5 40 15 53 48 54 61 36 77 41 12 10 20 25 78 70 67	17 47 57 61 73 75 80 81 84 90 80 48 35 57 63 87 81 78	 76 26 12 14 35 39 36 47 93 49 93 82 92 67	AUGUST 1 1 1 0 0 0 0 0 0 0 1 2 2 3 3 4	 32 4 2 4 4 4 4 31 12 34 4 11 14 24	SE 87 93 89 71 91 93 100 89 100 77 99 100 95 96 93 99 96 93 100 95 96 93 100 84 69	PTEMBI 5 5 26 11 34 38 47 47 54 30 33 39 73 30 33 39 73 36 680 80 61 562 62 26 10	ER 28 38 71 46 65 72 79 77 78 48 60 79 83 82 86 89 83 74 71 76 63 42
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	 82 78 79 88 92 77 64 26 46 61 84 93 98 109 98 109 98 59 67	JUNE 599 31 20 16 36 29 11 0 0 0 0 0 4 12 58 45 42 12 3 7 5	 70 62 58 72 59 40 16 7 13 19 52 75 75 71 76 54 33 22 28	54 79 72 84 81 114 102 91 93 111 95 90 65 99 87 94 89 90 93	JULY 3 5 40 15 53 48 54 61 36 77 41 12 10 20 25 78 70 67 14	17 47 57 61 73 75 80 81 84 90 80 48 35 57 63 87 81 78 69	 76 26 12 14 35 39 36 47 93 49 93 82 92 92 67 80	AUGUST 1 1 1 0 0 0 0 0 0 0 0 1 2 2 3 3 4 8	 32 4 2 4 4 4 5 7 4 31 12 34 41 14 24 51	SE 87 93 89 71 91 93 100 89 100 77 99 100 95 96 93 99 96 93 100 93 84 69 68	PTEMBI 5 5 26 11 34 38 47 47 54 30 33 39 73 66 80 80 80 80 61 56 52 62 62 10 13	ER 28 38 71 46 65 72 79 77 78 48 60 79 83 82 86 89 83 74 71 76 63 42 42
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	 82 78 79 88 92 77 74 64 26 46 46 61 84 93 98 109 98 78 59 67 58	JUNE59 31 20 16 36 29 11 0 0 0 4 12 58 45 58 42 12 3 7 5 8	 70 62 58 58 72 59 40 16 7 13 19 52 75 71 76 54 33 22 8 37	54 79 72 84 81 114 102 91 93 111 95 90 65 99 87 94 89 90 85 80	JULY 3 5 40 15 53 48 54 61 36 777 41 12 10 20 25 78 70 67 14 12	17 47 57 61 73 75 80 81 84 90 80 48 35 57 63 87 81 78 69 59	 76 26 12 14 35 39 36 47 93 49 93 82 92 67 80 65	AUGUST 1 1 1 0 0 0 0 0 0 0 1 2 2 3 3 4 8 2	 32 4 2 4 4 4 4 4 31 12 34 41 14 24 5 7 23	SE 87 93 89 71 91 93 100 89 100 77 99 100 95 96 93 99 96 93 100 93 84 69 68 64	PTEMB) 5 5 26 11 34 38 47 54 30 33 39 73 66 80 80 61 66 80 80 61 62 62 62 26 10 13 14	ER 28 38 71 46 65 72 79 77 78 48 60 79 83 82 86 89 83 74 71 76 63 42 34
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	 82 78 79 88 92 77 64 26 46 61 84 93 98 109 98 109 98 59 67	JUNE 599 31 20 16 36 29 11 0 0 0 0 0 4 12 58 45 42 12 3 7 5	 70 62 58 72 59 40 16 7 13 19 52 75 75 71 76 54 33 22 28	54 79 72 84 81 114 102 91 93 111 95 90 65 99 87 94 89 90 93	JULY 3 5 40 15 53 48 54 61 36 77 41 12 10 20 25 78 70 67 14	17 47 57 61 73 75 80 81 84 90 80 48 35 57 63 87 81 78 69	 76 26 12 14 35 39 36 47 93 49 93 82 92 92 67 80	AUGUST 1 1 1 0 0 0 0 0 0 0 0 1 2 2 3 3 4 8	 32 4 2 4 4 4 5 7 4 31 12 34 41 14 24 51	SE 87 93 89 71 91 93 100 89 100 77 99 100 95 96 93 99 96 93 100 93 84 69 68	PTEMBI 5 5 26 11 34 38 47 47 54 30 33 39 73 66 80 80 80 80 61 56 52 62 62 26 10 13	ER 28 38 71 46 65 72 79 77 78 48 60 79 83 82 86 89 83 74 71 76 63 42 42
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	 82 78 79 88 92 77 74 64 26 46 61 84 93 98 109 98 109 98 59 67 58 92	JUNE59 31 20 16 36 29 11 0 0 0 4 12 58 45 58 42 12 3 7 5 8	 70 62 58 58 72 59 40 16 7 13 19 52 75 71 76 54 33 22 8 37	54 79 72 84 81 114 102 91 93 111 95 90 65 99 87 94 89 90 85 80	JULY 3 5 40 15 53 48 54 61 36 777 41 12 10 20 25 78 70 67 14 12	17 47 57 61 73 75 80 81 84 90 80 48 35 57 63 87 81 78 69 59 74	 76 26 12 14 35 39 36 47 93 49 93 82 92 92 92 67 80 65 99	AUGUST 1 1 1 0 0 0 0 0 0 0 0 0 1 2 2 3 3 4 8 2 1	 32 4 2 4 4 4 5 7 4 4 31 12 34 41 14 23 60	SE 87 93 89 71 91 93 100 89 100 77 99 100 95 96 93 99 96 93 100 93 84 69 68 64	PTEMB) 5 5 26 11 34 38 47 54 30 33 39 73 66 80 80 61 66 80 80 61 62 62 62 26 10 13 14	ER 28 38 71 46 65 72 79 77 78 48 60 79 83 82 86 89 83 74 71 76 63 42 42 34 64
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	 82 78 79 88 92 77 74 64 26 46 46 61 84 93 98 109 98 78 59 67 58	JUNE 599 31 20 16 36 29 11 0 0 0 0 0 0 4 12 58 45 42 12 3 7 5 8 41	 70 62 58 58 72 59 40 16 7 13 19 52 75 75 71 76 54 33 22 28 37 69	54 79 72 84 81 114 102 91 93 111 95 90 65 99 87 94 89 90 93 80 91	JULY 3 5 40 15 53 48 54 61 36 77 41 12 10 20 25 78 70 67 14 12 50	17 47 57 61 73 75 80 81 84 90 80 48 35 57 63 87 81 78 69 59	 76 26 12 14 35 39 36 47 93 49 93 82 92 67 80 65	AUGUST 1 1 1 0 0 0 0 0 0 0 1 2 2 3 3 4 8 2	 32 4 2 4 4 4 4 4 31 12 34 41 14 24 5 7 23	SE 87 93 89 71 91 93 100 89 100 77 99 100 95 96 93 99 96 93 100 93 84 69 68 64 100	PTEMBI 5 5 26 11 34 38 47 47 54 30 33 39 73 66 80 80 80 80 80 80 80 26 20 13 14 28	ER 28 38 71 46 65 72 79 77 78 48 60 79 83 82 86 89 83 74 71 76 63 42 34
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	 82 78 79 88 92 77 74 64 26 46 46 61 84 93 98 109 98 78 59 67 58 92 93	JUNE 59 31 20 16 36 29 11 0 0 0 4 12 58 45 58 42 12 3 7 5 8 41 34	 70 62 58 58 72 59 40 16 7 13 19 52 75 71 76 54 33 22 8 37 69 64	54 79 72 84 81 114 102 91 93 111 95 90 65 99 99 87 94 89 90 93 80 91	JULY 3 5 40 15 53 48 54 61 36 77 41 12 10 20 25 78 70 67 14 12 50 38	17 47 57 61 73 75 80 81 84 90 80 48 35 57 63 87 81 78 69 59 74 80	 76 26 12 14 35 39 36 47 93 49 93 82 92 67 80 65 99 95	AUGUST 1 1 1 0 0 0 0 0 0 0 0 1 2 2 3 3 4 8 2 1 23	 32 4 2 4 4 4 4 4 4 31 12 34 41 14 24 41 14 23 60 61	SE 87 93 89 71 91 93 100 89 100 77 99 100 95 96 93 99 96 93 100 93 84 69 68 64 100 97	PTEMB) 5 5 26 11 34 38 47 54 30 33 39 73 66 80 80 61 56 80 80 61 52 62 26 10 13 14 28 49	ER 28 38 71 46 65 72 79 77 78 48 60 79 83 82 86 89 83 74 71 76 63 42 34 64 79
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	 82 78 79 88 92 77 74 64 26 46 61 84 93 98 109 98 78 59 67 58 92 93 	JUNE 59 31 20 16 36 6 29 11 0 0 0 0 4 12 58 45 42 12 3 7 5 8 41 34	 70 62 58 58 72 59 40 16 7 13 19 52 75 71 76 54 33 22 28 37 69 69 64	54 79 72 84 81 114 102 91 93 111 95 90 65 99 90 65 99 87 94 89 90 93 80 91	JULY 3 5 40 15 53 48 54 61 36 77 41 12 10 20 25 78 70 67 14 12 50 38 66	17 47 57 61 73 75 80 81 84 90 80 80 48 35 57 63 87 81 78 69 59 74 80 80	 76 26 12 14 35 39 36 47 93 49 93 82 92 49 93 82 92 67 80 65 99 95 59	AUGUST 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0	 32 4 2 4 4 4 4 4 4 4 31 12 34 4 11 14 24 5 3 60 61 27	SE 87 93 89 71 91 93 100 89 100 77 99 100 95 96 93 100 95 96 93 100 95 96 93 100 95 96 93 100 95 96 93 100 97 100 97 100 97 100 97 100 97 100 97 100 97 100 97 100 97 100 97 100 97 100 97 100 97 99 100 96 93 100 97 96 93 100 97 96 93 100 97 96 93 100 97 96 93 100 97 96 93 100 97 96 93 100 97 96 93 100 97 96 93 100 93 100 95 96 93 100 93 100 93 99 96 93 100 97 100 93 100 97 100 97 100 97 100 97 100 97 100 97 100	PTEMBI 5 5 26 11 34 38 47 47 54 30 33 39 73 30 33 39 73 36 680 80 61 562 62 26 10 13 14 28 49 59	ER 28 38 71 46 65 72 79 77 78 48 60 79 83 82 86 89 83 74 71 76 63 42 42 34 64 79 79 79
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	 82 78 79 88 92 77 74 64 26 46 61 84 93 98 109 98 78 59 67 58 92 93 90	JUNE 599 31 20 16 36 29 11 0 0 0 0 0 4 12 58 45 42 12 13 7 5 8 41 34 13	 70 62 58 58 72 59 40 16 7 13 19 52 75 75 71 76 54 33 22 28 37 69 64 49	54 79 72 84 81 114 102 91 93 111 95 90 65 99 87 94 89 90 93 80 91 100 87 94	JULY 3 5 40 15 53 48 54 61 36 77 41 12 10 20 25 78 70 67 14 12 50 38 66 65	17 47 57 61 73 75 80 81 84 90 80 48 35 57 63 87 81 78 69 59 74 80 80 80	 76 26 12 14 35 39 36 47 93 49 93 82 92 92 92 92 92 92 92 92 92 92 92 92 92	AUGUST 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	 32 4 2 4 4 4 4 4 4 4 4 1 12 34 411 14 24 51 23 60 61 27 16	SE 87 93 89 71 91 93 100 89 100 77 99 100 95 96 93 100 93 84 69 68 64 100 97 100	PTEMBI 5 5 6 11 34 38 47 47 54 30 33 39 73 6 6 33 39 73 6 80 80 80 80 80 80 80 61 56 22 62 26 10 13 14 28 80 80 80 80 80 80 80 80 80 80 80 80 80	ER 28 38 71 46 65 72 79 77 78 48 60 79 83 82 86 89 83 74 71 76 63 42 34 64 79 84

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MONTH

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