PAMLICO RIVER BASIN

0208453300 PAMLICO RIVER AT LIGHT 5

LOCATION.--Lat 35°25'52", long 76°50'29", Beaufort County, Hydrologic Unit 03020104, on U.S. Coast Guard Channel Light 5.

PERIOD OF RECORD .-- Water years 1989 to 1992, 1999 to current year.

PERIOD OF DAILY RECORD .--

SALINITY (TOP AND BOTTOM): May 1989 to September 1992, May 1999 to current year.

pH (TOP AND BOTTOM): May 1999 to current year.

WATER TEMPERATURE (TOP): May 1989 to September 1992, May 1999 to current year.

WATER TEMPERATURE (BOTTOM): May 1999 to current year.

DISSOLVED OXYGEN (TOP AND BOTTOM): May 1989 to September 1992, May 1999 to current year.

DISSOLVED OXYGEN (MID): May 1989 to September 1992.

DISSOLVED OXYGEN, PERCENT SATURATION (TOP AND BOTTOM): May 1989 to September 1992, May 1999 to current year.

DISSOLVED OXYGEN, PERCENT SATURATION (MID): May 1989 to September 1992.

INSTRUMENTATION.--Water-quality monitor from May 1989 to September 1992. Constituents monitored were: specific conductance, top and bottom, water temperature top, dissolved oxygen, top, mid-depth and bottom. Water-quality monitor with satellite telemetry from May 1999 to current 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 on August 29, 1999 to prevent possible destruction of the equipment during Hurricane Dennis. It was reinstalled on September 9, 1999. The monitor was removed again on September 14, 1999 to prevent possible destruction during Hurricane Floyd. It was reinstalled on October 21, 1999. The monitor was removed on September 16, 2003, to prevent possible destruction of the equipment during Hurricane Isabel. It was reinstalled on September 20, 2003. Top constituents were monitored at 8 ft above the streambed and bottom constituents, 2 ft above the streambed. Salinity and dissolved oxygen, percent saturation are computed. The dissolved oxygen percent saturation is computed using a barometric pressure of 760 mm of Hg beginning October 1, 2000. Salinity, minimum extremes are reported as <0.1 ppt. Dissolved oxygen, minimum extremes are reported as <10%.

EXTREMES FOR PERIOD OF DAILY RECORD .--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY (TOP), ppt	19.6, August 21, October 21, 2002	<0.1, on many days during the period
SALINITY (BOTTOM), ppt	20.8, October 23, 2002	<0.1, on several days during the period
pH (TOP), standard units	9.2, August 4, 2001	6.2, October 22, 23, 24, 1999
pH (BOTTOM), standard units	8.8, April 1, 2000, February 14, 2002, August 6, 2003, September 23, 2003	5.9, October 23, 1999
WATER TEMPERATURE (TOP), °C	33.1, July 31, 1999	0.0, December 3, 1989, January 24, 2003
WATER TEMPERATURE (BOTTOM), °C	30.5, July 24, 1999	0.1, January 24, 2003
DISSOLVED OXYGEN (TOP), mg/L	18.5, February 5, 1991	<1.0, on many days during the period
DISSOLVED OXYGEN (BOTTOM), mg/L	18.6, January 5, 1992	<1.0, on many days during the period

EXTREMES FOR CURRENT YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY (TOP), ppt	19.6, October 21	<0.1, on several days during the year
SALINITY (BOTTOM), ppt	20.8, October 23	<0.1, April 18, 19
pH (TOP), standard units	9.1, January 3, August 5, September 20, 21	6.4, April 15, September 26, 28
pH (BOTTOM), standard units	8.8, August 6, September 23	6.6, on many days during the year
WATER TEMPERATURE (TOP), °C	31.1, August 27	0.0, January 24
WATER TEMPERATURE (BOTTOM), °C	30.1, July 9	0.1, January 24
DISSOLVED OXYGEN (TOP), mg/L	15.6, February 14	<1.0, on several days during the year
DISSOLVED OXYGEN (BOTTOM), mg/L	13.9, January 28	<1.0, on many days during the year
DISSOLVED OXYGEN, PERCENT SATURATION (TOP),%	168, July 21	<10, on several days during the year
DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM),%	119, August 20	<10, on many days during the year

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		ОСТОВЕН	₹	N	OVEMBE	ER	D	ECEMBE	ER		JANUARY	7
1 2 3 4 5	9.0 11.3 15.3 16.7 13.0	7.5 5.6 6.3 11.2 9.3	7.9 8.4 11.3 13.5 10.7	14.4 12.6 13.6 13.2 16.0	9.4 10.6 11.1 9.4 9.5	12.0 11.5 12.4 11.2 12.0	13.2 14.1 13.9 14.8 15.0	12.4 12.5 12.4 12.2 12.2	12.9 13.2 13.2 13.5 13.4	11.5 8.9 7.0 6.6 7.3	4.3 3.6 3.3 2.7 5.1	6.7 5.4 5.3 4.2 6.3
6 7 8 9 10	18.2 14.2 14.5 13.5 13.9	8.9 10.7 10.2 12.6 12.2	13.0 12.4 12.8 13.3 13.1	12.5 13.3 14.0 17.2 16.5	8.6 8.6 10.5 10.4 11.7	10.7 10.7 12.4 13.6 13.5	13.7 13.6 15.4 14.7 15.2	10.9 11.2 9.5 6.7 6.4	12.0 12.2 12.1 12.8 11.4	10.6 12.0 13.0 12.2 11.5	4.5 6.4 11.4 9.7 7.3	7.1 9.4 12.2 11.3 9.1
11 12 13 14 15	13.8 12.4 14.3 15.3 14.8	12.4 10.6 10.4 11.3 12.4	13.2 11.2 12.3 14.0 13.5	13.7 16.1 9.3 13.5 16.9	10.5 8.7 6.4 7.5 9.8	12.2 11.7 7.9 10.5 13.5	13.7 10.1 12.2 12.1 10.5	6.2 8.4 8.3 9.8 8.0	9.6 9.0 10.3 10.8 9.6	10.6 11.8 10.7 13.0 10.8	7.3 7.6 8.2 8.6	8.7 8.8 9.5 9.8 9.6
16 17 18 19 20	14.1 12.2 14.5 14.7 18.7	9.7 7.6 6.3 12.1 10	11.7 10.3 10.4 13.4 12.9	13.6 10.7 11.2 10.7 15.5	10.6 4.2 4.4 7.8 9.9	11.9 8.1 8.5 9.7 12.2	8.5 11.8 10.8 10.2 8.6	5.9 5.0 5.1 5.5 3.9	6.7 7.3 6.8 8.7 6.3	11.3 10.2 11.6 11.6 11.3	9.0 9.8 9.7 10.0 9.3	10 10.0 10.5 10.8 10.8
21 22 23 24 25	19.6 18.1 18.6 18.8 12.6	10.2 15.1 15.8 9.8 11.4	15.6 16.6 17.1 14.6 12.2	15.5 16.9 12.6 11.4 14.9	12.4 9.1 9.8 9.1 9.2	13.6 12.7 11.6 10.2 11.5	6.2 7.1 6.6 12.4 8.8	4.9 4.7 4.4 4.0 6.8	5.4 5.8 5.4 6.3 7.5	11.1 11.3 11.3 9.2	9.3 9.8 6.4 5.9	10.5 10.7 10 7.7
26 27 28 29 30 31	12.2 13.3 14.2 12.8 12.2 13.3	11.7 11.3 11.8 11.7 10.2 8.8	11.9 12.0 12.5 12.4 11.1 10.3	14.7 15.7 16.0 14.7 13.5	10.7 5.5 9.4 10.1 11.7	13.3 11.2 12.7 12.3 12.6	9.5 8.3 9.2 9.7 10.9 8.2	6.8 7.0 5.0 5.3 7.3 6.5	8.3 7.7 7.2 6.9 8.6 7.4	11.8 12.4 13.3 14.3 11.4	9.0 7.2 9.3 10.9 10.2	11.0 9.4 11.1 11.8 11.0
MONTH	19.6	5.6	12.4	17.2	4.2	11.6	15.4	3.9	9.3			

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

DAY	MAN	MIN	MEAN				MAN		MEAN	MAN	MINI	MEAN
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1 2 3 4 5	12.6 12.6 15.5 13.7 12.4	6.4 10.9 11.9 10.6 9.9	9.6 11.8 12.9 11.8 11.2	4.7 3.0 7.8 4.4 3.5	0.9 0.4 0.6 3.2 1.5	2.8 1.1 2.7 3.8 2.6	1.6 2.1 2.2	APRIL 1.3 1.3 1.7	1.4 1.6 1.8	3.0 2.8 3.2 3.5 3.4	2.3 2.0 2.0 2.8 3.2	2.8 2.4 2.4 3.1 3.3
6 7 8 9 10	13.0 10.9 11.6 12.2 14.7	10.7 8.1 6.3 6.7 5.3	11.8 9.6 7.8 9.6 10.9	2.7 3.3 3.1 2.7 7.5	0.8 1.1 0.8 0.3 0.2	1.4 2.1 1.5 1.0 3.4	2.5 2.6 2.7 2.7 2.9	1.5 2.0 2.1 2.1 1.5	2.0 2.3 2.3 2.4 2.4	3.2 2.5 2.6 4.4 3.3	2.2 1.5 1.4 1.8 2.3	2.6 2.0 2.0 2.2 2.7
11 12 13 14 15	11.0 8.3 8.5 8.0	8.3 6.7 7.3 6.0	9.5 7.6 7.8 7.1	2.2 0.7 0.7 4.9 3.2	0.4 0.3 0.2 0.4 1.6	1.0 0.4 0.4 2.1 2.3	1.6 1.7 1.5 0.4 0.3	0.6 0.4 0.3 0.1 0.0	1.1 0.7 0.5 0.2 0.1	3.8 4.3 4.5 4.4 4.5	2.7 3.3 3.8 3.2 3.5	3.1 3.7 4.0 3.9 3.9
16 17 18 19 20	 5.6	3.3	5.0	3.0	1.6 	2.4	0.2 0.2 0.2 0.1 0.1	0.1 0.0 0.0 0.0 0.0	0.1 0.1 0.1 0.1 0.1	4.0 4.1 4.2 4.0 3.7	3.4 3.5 4.0 3.4 3.4	3.7 4.0 4.1 3.7 3.5
21 22 23 24 25	5.5 11.5 6.7 5.7	3.1 3.0 4.8 3.5	4.2 5.2 5.9 4.9	 	 	 	0.1 0.2 3.0 4.1 4.6	0.0 0.1 0.1 1.1 2.2	0.1 0.1 1.1 2.2 3.3	3.7 3.1 3.7 2.6 3.0	2.4 2.4 2.5 1.4 0.9	3.2 2.8 3.1 2.0 1.7
26 27 28 29 30 31	5.8 3.7 2.3 	3.4 2.3 1.1 	4.3 3.0 1.7	 	 	 	4.1 3.8 3.8 2.7 3.4	2.4 1.8 1.9 1.8 1.8	3.1 2.8 2.9 2.1 2.4	1.6 3.6 0.9 0.7 0.8 1.6	0.6 0.8 0.3 0.3 0.3 0.3	0.9 1.1 0.4 0.5 0.5
MONTH										4.5	0.3	2.6
		JUNE			JULY			AUGUST		SI	EPTEMBE	ER
1 2 3 4 5	1.5 1.0 0.8 0.7 0.4	0.7 0.4 0.3 0.2 0.2	1.0 0.7 0.5 0.4 0.3	2.2 3.9 3.7 3.8 2.9	1.7 1.7 2.9 2.6 2.5	2.0 2.7 3.2 3.2 2.7	2.3 1.9 2.3 2.4 2.3	1.4 1.6 1.7 1.4 1.5	1.8 1.7 1.8 1.8 1.8	4.6 3.3 3.9 3.5 3.8	2.7 2.9 2.8 3.0 3.4	3.2 3.1 3.1 3.2 3.6
6 7 8 9 10	1.0 0.7 0.5 0.4 0.4	0.1 0.2 0.3 0.2 0.2	0.3 0.3 0.3 0.3 0.3	3.1 3.0 2.9 3.2 3.8	2.3 2.4 2.3 2.3 2.1	2.8 2.6 2.7 2.6 2.4	1.9 1.8 2.0 2.5 1.4	1.5 1.4 1.1 1.0 0.7	1.7 1.6 1.4 1.3 1.0	4.3 4.9 4.9 5.3 5.6	3.5 4.0 4.4 4.5 4.7	3.8 4.3 4.5 4.8 5.2
11 12 13 14 15	0.4 0.2 0.4 0.5 0.5	0.1 0.2 0.2 0.3 0.4	0.2 0.2 0.3 0.3 0.4	2.8 2.8 3.0 3.0	2.2 2.4 2.5 2.4	2.5 2.6 2.8 2.7	0.9 1.1 0.6 	0.3 0.1 0.1 	0.6 0.4 0.2 	5.6 5.5 5.1 5.3 4.7	4.7 3.9 3.6 3.8 3.4	5.2 4.9 4.5 4.4 4.1
16 17 18 19 20	0.9 1.1 1.0 1.0 1.0	0.5 0.8 0.5 0.5	0.7 0.9 0.7 0.7 0.8	3.1 2.5 2.5	1.6 1.8 2.0	2.0 2.0 2.2	 	 	 	 	 	
21 22 23 24 25	0.8 1.1 1.2 1.1 1.1	0.6 0.6 0.8 0.8 0.6	0.8 0.8 1.0 1.0 0.9	2.3 2.2 2.2 2.2 2.2	1.9 2.1 1.9 1.9 1.5	2.1 2.1 2.1 2.1 1.7	0.7 1.0 1.0	0.2 0.4 0.5	0.4 0.6 0.7	3.3 2.5 2.0 1.8	2.4 1.9 0.8 0.4	2.6 2.2 1.3 0.9
26 27 28 29 30 31	1.1 2.1 3.6 4.9 2.8	0.7 1.0 1.4 1.7 2.0	0.9 1.3 1.8 2.2 2.2	2.2 2.0 1.8 	1.5 1.2 1.2 	1.8 1.5 1.5 	0.8 1.0 3.7 3.7 4.5 7.7	0.4 0.5 0.8 1.2 1.6 2.2	0.6 0.7 1.3 1.6 2.2 2.8	2.3 2.9 0.6 1.7 2.6	0.2 0.3 0.2 0.3 0.9	1.1 1.1 0.4 1.0 1.6
		0.1	0.8									

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER		N	NOVEMBE			ECEMBE	R		JANUARY	
1 2 3 4 5	15.1 15.6 16.3 17.5 18.1	12.8 14.3 15.2 14.1 15.7	14.2 15.1 15.7 16.5 16.5	16.6 16.7 16.7 17.1 17.5	13.3 10.7 12.8 15.7 14.3	15.4 15.0 15.6 16.1 16.4	14.8 15.5 15.5 14.9 14.9	12.4 13.7 12.8 12.4 12.2	13.4 14.8 13.9 14.2 13.7	15.7 17.6 16.3 18.1 18.0	12.0 14.3 15.1 3.7 16.7	15.2 16.4 15.7 16.8 17.8
6 7 8 9 10	19.5 19.2 19.5 19.5 19.4	16.2 16.7 15.1 13.7 14.0	18.0 17.6 18.3 17.0 17.9	16.9 17.9 18.4 18.4	10.6 12.4 16.9 16.8 16.3	14.6 16.6 17.9 18.1 17.9	14.7 15.1 16.0 16.0 16.5	13.5 14.1 14.8 14.6 14.1	14.4 14.5 15.2 15.3 15.1	17.5 17.1 14.1 12.7 12.6	5.9 7.3 11.8 11.6 10.0	15.9 13.8 13.0 12.4 11.8
11 12 13 14 15	18.4 17.5 17.7 17.3 15.6	13.0 12.1 16.1 13.9 12.7	15.0 14.9 17.2 15.4 14.9	17.9 17.9 17.5 17.1 17.1	13.2 12.3 7.5 16.8 16.7	17.2 17.5 16.4 17.0 16.9	15.9 16.2 16.1 14.9 12.2	14.1 14.5 11.8 10.1 9.8	15.3 15.3 14.9 11.8 11.1	12.6 12.8 13.0 13.8 13.1	11.4 12.0 12.7 10.4 9.0	12.3 12.4 12.9 13.0 11.2
16 17 18 19 20	14.9 15.3 16.8 18.1 19.5	10.7 13.1 14.1 16.4 17.5	13.5 14.7 15.4 17.2 18.7	16.7 16.5 16.6 16.1 16.5	14.6 10.3 10.7 15.7 16.1	15.8 16.0 14.7 15.9 16.4	14.6 14.9 14.7 14.7 14.5	12.0 14.5 13.3 12.8 6.5	12.9 14.7 14.4 14.3 11.9	13.7 11.8 11.9 11.8 11.8	9.3 10.0 9.7 10.2 10.6	12.6 10.4 10.9 11.3 11.1
21 22 23 24 25	19.9 20.5 18.8	19.3 19.9 12.8	19.6 20.2 17.9	16.9 17.2 14.7 15.1 16.7	16.5 10.1 10.6 13.1 14.7	16.7 15.2 12.8 14.6 15.7	16.0 16.5 17.1 17.1 14.7	13.1 9.1 15.5 8.7 6.9	14.7 15.5 16.5 15.3 10.1	11.3 11.4 11.3 12.0 12.8	10.4 10.7 6.5 6.0 10.3	10.8 11.1 10.0 9.8 12.0
26 27 28 29 30 31	19.0 18.8 17.0 17.9 16.8	16.6 16.6 15.5 12.8 	17.9 18.2 16.4 16.6 15.3	16.7 17.1 17.1 17.5 17.3	15.1 14.0 15.3 13.9 12.4	16.5 16.2 16.4 16.8 15.7	9.7 11.2 13.1 16.0 15.7 15.3	7.6 9.5 10.4 12.5 11.4 12.6	9.0 10.2 11.8 14.0 13.9 14.0	14.5 14.6 15.3 15.5 15.9	12.2 10.0 13.7 14.5 15.1	13.5 13.2 14.5 15.2 15.4
MONTH					7.5			6.5	13.7			
		FEBRUARY			MARCH			APRIL			MAY	
1 2 3 4 5	16.6 16.7 16.9 16.7 16.1	15.8 16.4 15.4 11.5 13.6	16.2 16.6 16.6 15.3 15.4	8.4 10.2 11.6 10.3 9.8	7.7 7.1 9.3 6.5 2.3	8.1 8.5 10.6 8.3 5.8	7.6 6.0 6.1	1.9 1.8 1.9	4.3 3.8 4.1	7.1 7.5 8.1 7.7 7.7	4.8 2.3 2.1 3.2 3.5	6.5 5.4 6.2 6.7 6.5
6 7 8 9 10	15.7 15.3 15.5 15.2 15.0	11.6 9.9 14.7 14.7 8.3	15.1 14.4 15.1 15.0 13.5	10.6 10.8 11.5 12.3 12.4	2.0 6.5 9.8 10.0 8.3	9.5 9.8 11.0 11.2 11.6	7.7 5.9 5.5 5.1 3.0	2.4 2.1 2.1 2.1 1.5	5.3 2.9 3.2 2.6 2.5	7.3 7.8 7.6 7.1 6.8	2.4 3.8 2.8 3.3 3.8	3.8 7.0 6.7 6.4 5.8
11 12 13 14 15	13.7 13.5 11.3 11.7	11.0 7.5 8.2 7.8	12.7 10.5 9.6 10.5	10.5 11.1 11.7 11.7 10.2	7.9 8.9 10.4 1.4 6.2	9.7 10.3 11.1 9.4 9.2	1.9 2.6 3.1 2.4 1.5	0.6 0.6 1.4 0.3 0.1	1.2 1.3 2.6 1.5 0.4	6.2 6.2 5.2 4.6 4.7	3.1 3.6 3.9 4.0 3.8	5.2 4.5 4.2 4.3 4.4
16 17 18 19 20	 12.8	 10.9	 12.1	9.2 	2.0 	4.8 	1.8 2.5 0.4 3.3 6.2	0.1 0.1 0.0 0.0 0.1	0.5 0.6 0.1 0.3 4.2	4.5 4.3 4.2 4.0 3.8	3.6 3.5 4.0 3.4 3.5	4.0 4.0 4.1 3.7 3.6
21 22 23 24 25	12.9 13.5 8.1 9.2	11.4 6.1 5.6 5.4	12.5 12.4 6.9 6.5	 	 	 	6.1 7.8 8.6 9.0 8.8	4.1 1.9 4.9 5.9 6.6	5.6 6.4 7.9 8.4 8.0	4.1 4.2 3.7 3.4 3.8	2.9 2.9 2.5 1.9 2.0	3.6 3.7 3.2 2.6 3.3
26 27 28 29 30 31	9.8 9.8 9.3 	3.5 7.3 3.6 	4.9 9.0 8.4 	 	 	 	7.6 7.6 7.5 8.5 8.7	4.1 3.4 4.3 4.8 4.7	7.1 7.0 6.9 7.2 7.8	3.4 3.7 3.6 3.7 3.5 3.9	0.9 0.8 0.7 0.5 1.1 0.5	2.6 2.4 2.8 2.7 3.0 3.2
MONTH										8.1	0.5	4.4

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST		S	ЕРТЕМВІ	ER
1 2 3 4 5	1.5 1.1 0.9 0.8 0.6	0.8 0.4 0.4 0.4 0.2	1.1 0.8 0.8 0.6 0.4	7.6 7.6 3.9 3.9 4.2	5.0 3.8 3.0 3.0 2.9	7.4 6.4 3.5 3.6 3.6	2.7 4.9 4.7 4.7 4.8	2.2 2.2 2.3 2.2 1.7	2.5 3.3 4.0 3.8 3.7	8.9 8.7 8.6 8.4 9.0	8.3 8.0 8.2 8.0 5.2	8.7 8.4 8.4 8.2 8.3
6 7 8 9 10	1.1 0.9 0.7 2.2 1.8	0.4 0.3 0.3 0.3 0.3	0.7 0.6 0.4 0.6 0.7	4.2 3.9 3.3 3.4 4.1	3.0 2.5 2.7 2.5 2.6	3.5 3.0 2.9 3.1 3.6	5.2 5.0 4.6 3.6 3.0	1.7 2.7 1.9 1.6 0.9	4.0 4.4 3.3 2.4 2.1	9.0 8.6 8.4 8.0 5.5	8.5 4.3 4.3 4.4 4.8	8.7 7.8 5.9 5.2 5.2
11 12 13 14 15	1.0 2.5 2.5 4.2 4.7	0.1 0.3 0.9 0.3 0.8	0.4 1.3 1.8 2.3 4.0	4.0 3.0 3.0 3.0	2.5 2.5 2.5 2.6	3.2 2.7 2.8 2.8	1.9 2.1 1.6 	0.5 0.2 0.1	1.3 1.4 0.4	5.6 5.5 5.2 5.5 5.3	4.8 4.7 4.8 4.7 4.4	5.3 5.1 5.1 5.2 5.0
16 17 18 19 20	4.7 4.2 3.2 2.6 2.7	0.8 0.8 0.6 0.7 0.8	4.0 1.7 1.3 1.5 2.1	3.4 3.4 3.2	2.1 2.0 2.2	3.0 2.8 3.0	 	 	 	 	 	
21 22 23 24 25	2.9 2.6 2.5 2.7 2.9	0.7 0.9 0.9 1.0 1.8	1.7 1.7 1.4 1.8 2.5	3.1 2.9 2.8 2.6 2.7	2.1 2.1 2.0 1.9 1.9	2.6 2.6 2.2 2.2 2.4	3.2 3.4 4.0	0.5 2.7 1.1	2.0 3.2 2.7	4.2 4.4 4.4 4.8	3.2 2.0 0.9 3.0	3.7 3.0 2.2 4.2
26 27 28 29 30 31	3.8 6.8 7.9 7.7 7.8	1.3 2.1 5.2 4.5 4.1	2.6 4.6 7.2 6.6 6.7	2.6 2.5 2.6 	1.6 1.4 1.7 	2.1 2.0 2.3	5.3 5.9 7.1 8.5 9.3 9.5	2.9 4.6 5.6 6.4 7.0 7.4	4.6 5.4 6.2 7.5 8.4 9.0	4.9 4.7 4.7 5.3 5.9	3.6 1.6 0.6 0.7 1.6	4.6 4.0 3.7 3.8 4.8
MONTH	7.9	0.1	2.1									

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

 $0208453300\ PAMLICO\ RIVER\ AT\ LIGHT\ 5--Continued$

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER		N	OVEMBE			ECEMBE	R		JANUARY	7
1 2 3 4 5	8.4 8.5 8.2 7.9 8.3	8.0 7.4 7.0 7.0 7.3	8.2 8.1 7.6 7.3 7.8	7.6 7.6 7.8 7.8 7.8	7.4 7.4 7.5 7.5 7.3	7.5 7.5 7.6 7.6 7.6	8.0 8.2 8.2 8.2 8.1	7.8 7.9 8.1 8.1 8.1	7.9 8.1 8.2 8.1 8.1	8.8 8.6 9.1 8.7 8.7	7.4 7.5 7.9 7.3 7.6	8.3 8.2 8.5 7.9 8.1
6 7 8 9 10	8.0 8.2 8.1 8.0 8.0	7.1 7.4 7.6 7.8 7.7	7.6 7.9 7.9 7.8 7.8	7.7 7.7 8.0 8.1 8.1	7.5 7.4 7.6 7.2 7.4	7.6 7.6 7.8 7.8 7.9	8.2 8.2 8.3 8.2 8.2	8.0 8.0 8.0 7.9 7.8	8.1 8.2 8.2 8.1	8.4 8.0 8.3 8.5 8.6	7.3 7.3 7.8 8.1 8.2	7.9 7.6 8.1 8.2 8.4
11 12 13 14 15	7.8 7.6 7.8 7.9 7.9	7.6 7.5 7.3 7.7 7.7	7.7 7.6 7.6 7.8 7.8	8.1 8.0 8.0 7.8 7.8	7.8 7.4 7.4 7.3 7.2	8.0 7.8 7.5 7.5 7.5	8.1 8.2 8.1 8.0 8.6	7.7 7.8 7.8 7.9 7.9	7.9 7.9 8.0 7.9 8.1	8.9 8.9 9.0 8.8 8.8	8.4 8.1 8.6 8.0 8.6	8.6 8.7 8.7 8.6 8.8
16 17 18 19 20	7.8 8.0 7.9 7.8 7.6	7.6 7.4 7.1 7.0 7.0	7.7 7.7 7.4 7.5 7.2	7.8 7.8 7.4 7.4 7.3	7.2 6.9 6.9 7.2 7.0	7.6 7.5 7.2 7.3 7.2	8.6 8.5 8.8 8.8	8.1 7.8 7.8 7.8 7.7	8.3 8.2 8.5 8.4 8.3	8.8 8.6 8.7 8.7	8.4 8.5 8.5 8.5 8.6	8.7 8.6 8.6 8.6 8.6
21 22 23 24 25	7.6 7.5 7.5 7.8 7.9	6.8 6.9 6.9 7.0 7.5	7.3 7.3 7.3 7.4 7.7	7.5 7.5 7.6 7.6 7.7	7.0 7.0 7.3 7.4 7.4	7.2 7.2 7.5 7.5 7.5	8.4 8.5 8.6 8.6 8.3	7.6 7.7 7.7 7.7 7.7	8.0 8.0 8.1 8.2 7.8	8.7 8.7 8.8 	8.6 8.6 8.5	8.7 8.6 8.7
26 27 28 29 30 31	7.6 7.6 7.6 7.7 7.5 7.6	7.5 7.4 7.2 7.4 7.3 7.3	7.5 7.5 7.5 7.5 7.4 7.4	8.0 7.7 7.9 7.9 8.0	7.2 7.3 7.4 7.6 7.7	7.6 7.5 7.6 7.8 7.9	8.2 8.5 8.7 8.7 8.9 9.0	7.7 7.9 7.6 7.9 7.6 8.1	7.9 8.0 8.3 8.3 8.4 8.6	8.7 8.8 8.5 8.5 8.4 8.4	8.3 8.2 8.1 8.0 7.9 8.3	8.5 8.4 8.3 8.3 8.3 8.4
	0.5	60	7.6	8.1	<i>c</i> 0	7.6	0.0	7.6	0.1			
MONTH	8.5	0.8	7.6	6.1	6.9	7.6	9.0	7.0	8.1			
	1	FEBRUAR'	Y		MARCH			APRIL			MAY	
MONTH 1 2 3 4 5							9.0 7.8 7.8 7.5		7.4 7.4 7.3	7.8 8.5 8.2 7.5 7.8		7.5 7.6 7.7 7.3 7.5
1 2 3 4	8.5 8.4 8.5 8.5	8.0 8.0 8.0 8.1 8.2	8.2 8.1 8.3 8.4	7.4 7.3 7.3 7.5	7.0 6.8 6.8 7.2	7.2 7.1 7.0 7.3	7.8 7.8	APRIL 7.2 7.2	 7.4 7.4	7.8 8.5 8.2 7.5	MAY 7.3 7.2 7.3 7.2	7.5 7.6 7.7 7.3
1 2 3 4 5 6 7 8 9	8.5 8.4 8.5 8.5 8.6 8.6 8.6 8.7	8.0 8.0 8.1 8.2 8.2 8.3 8.4 8.0 7.9 7.1	8.2 8.1 8.3 8.4 8.4 8.5 8.5 8.3 8.4	7.4 7.3 7.3 7.5 7.3 7.0 7.1 7.1 7.0 7.4 7.1	7.0 6.8 6.8 7.2 7.0 6.9 7.0 6.9 6.7	7.2 7.1 7.0 7.3 7.1 7.0 7.1 7.0 6.8 6.9	7.8 7.8 7.5 7.4 7.5 7.4 7.3	APRIL 7.2 7.2 7.1 7.2 7.3 7.2 7.3 7.2 7.3 7.2 7.3 7.2 7.3	7.4 7.4 7.3 7.3 7.3 7.3 7.3 7.3	7.8 8.5 8.2 7.5 7.8 8.4 8.9	MAY 7.3 7.2 7.3 7.2 7.4 7.3 7.9 7.9 7.0 7.2 7.1	7.5 7.6 7.7 7.3 7.5 7.9 8.4 8.6 8.4 7.8
1 2 3 4 5 6 7 8 9 10 11 12 13 14	8.5 8.4 8.5 8.5 8.6 8.6 8.5 8.7 8.6 8.5 8.5 8.5 8.5	8.0 8.0 8.1 8.2 8.2 8.3 8.4 8.0 7.9 7.1 7.8 7.9 7.6 7.9	8.2 8.1 8.3 8.4 8.4 8.5 8.5 8.3 8.4 8.1 8.1 8.2 8.0 8.2	7.4 7.3 7.3 7.5 7.3 7.0 7.1 7.1 7.0 7.4 7.1 6.8 6.8 7.2	7.0 6.8 6.8 7.2 7.0 6.9 7.0 6.9 6.7 6.7 6.7 6.6 6.6	7.2 7.1 7.0 7.3 7.1 7.0 7.1 7.0 6.8 6.9 6.9 6.7 6.7	7.8 7.8 7.5 7.4 7.5 7.4 7.3 7.5 7.4 7.3 7.5	APRIL 7.2 7.2 7.1 7.2 7.3 7.2 7.2 7.2 7.2 7.0 6.7	7.4 7.4 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.2 7.0	7.8 8.5 8.2 7.5 7.8 8.4 8.9 8.9 8.9 8.5 8.1 7.6 7.6 8.3	MAY 7.3 7.2 7.3 7.2 7.4 7.3 7.9 7.9 7.0 7.2 7.1 7.3 7.2 7.3 7.2 7.1	7.5 7.6 7.7 7.3 7.5 7.9 8.4 8.6 8.4 7.8 7.6 7.4 7.4
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	8.5 8.4 8.5 8.5 8.6 8.6 8.5 8.7 8.6 8.5 8.5 8.5 8.9	8.0 8.0 8.1 8.2 8.2 8.3 8.4 8.0 7.9 7.1 7.8 7.9 7.6 7.9	8.2 8.1 8.3 8.4 8.4 8.5 8.5 8.3 8.4 8.1 8.1 8.2 8.0 8.2	7.4 7.3 7.3 7.5 7.3 7.0 7.1 7.1 7.0 7.4 7.1 6.8 6.8 7.2 7.2	7.0 6.8 6.8 7.2 7.0 6.9 7.0 6.9 6.7 6.7 6.6 6.6 6.6 7.0	7.2 7.1 7.0 7.3 7.1 7.0 6.8 6.9 6.9 6.7 7.0 7.1 7.2	7.8 7.8 7.8 7.5 7.4 7.5 7.4 7.3 7.5 7.4 7.3 7.5 7.1 6.9 7.0 6.9 7.0	APRIL 7.2 7.2 7.1 7.2 7.3 7.2 7.2 7.2 7.6 6.6 6.6 6.6 6.6 6.6	7.4 7.4 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.2 7.0 6.6 6.7 6.8 6.8	7.8 8.5 8.2 7.5 7.8 8.4 8.9 8.9 8.9 8.5 8.1 7.6 7.6 7.6 7.5 7.6	MAY 7.3 7.2 7.3 7.2 7.4 7.3 7.9 7.9 7.0 7.2 7.1 7.3 7.2 7.3 7.2 7.4 7.3 7.2 7.4 7.3 7.4 7.3 7.4	7.5 7.6 7.7 7.3 7.5 7.9 8.4 8.6 8.4 7.8 7.6 7.4 7.7 7.6 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	8.5 8.4 8.5 8.5 8.6 8.6 8.5 8.7 8.6 8.5 8.5 8.5 8.9 8.8 8.8 8.8	8.0 8.0 8.1 8.2 8.2 8.3 8.4 8.0 7.9 7.1 7.8 7.9 7.6 7.9 7.7 7.2 6.8 7.2	8.2 8.1 8.3 8.4 8.4 8.5 8.5 8.3 8.4 8.1 8.1 8.2 8.0 8.2 8.4 8.1 7.3	7.4 7.3 7.3 7.5 7.3 7.0 7.1 7.1 7.0 7.4 7.1 6.8 6.8 7.2 7.2 7.5	MARCH 7.0 6.8 6.8 7.2 7.0 6.9 7.0 6.9 6.7 6.7 6.7 6.6 7 6.6 7 6.6 7	7.2 7.1 7.0 7.3 7.1 7.0 7.1 7.0 6.8 6.9 6.7 6.7 7.0 7.1 7.2	7.8 7.8 7.8 7.5 7.4 7.5 7.4 7.3 7.5 7.4 7.3 7.2 7.1 6.9 7.0 6.9 7.0 7.1 7.0 6.8 6.9 7.0 7.2 8.4 8.3 8.5 8.6 8.6	APRIL 7.2 7.2 7.1 7.2 7.3 7.2 7.2 7.3 7.2 7.0 6.7 6.4 6.6 6.5 6.6 6.7 6.6 6.6 6.7 7.0 6.9 7.2 8.0 7.4	7.4 7.4 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.2 7.0 6.6 6.7 6.7 6.8 6.9 6.7 6.7 6.8 6.8 6.9 7.1 7.1 7.5 7.8 8.4 8.0	7.8 8.5 8.2 7.5 7.8 8.4 8.9 8.9 8.5 8.1 7.6 7.6 8.3 8.0 8.1 7.6 7.6 8.0 8.4 8.2 7.6 8.8 8.9 8.9 8.9	MAY 7.3 7.2 7.4 7.3 7.9 7.9 7.0 7.2 7.1 7.3 7.2 7.3 7.3 7.4 7.3 7.4 7.4 7.1 7.5 6.9 7.2 7.0	7.5 7.6 7.7 7.3 7.5 7.9 8.4 8.6 8.4 7.6 7.7 7.6 7.7 7.4 7.7 7.5 7.7 7.8 8.0 8.2 8.2 7.9 7.8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	8.5 8.4 8.5 8.5 8.6 8.6 8.6 8.5 8.7 8.6 8.5 8.5 8.5 8.7 8.7 8.7 8.8 8.5 8.7 8.7 8.7 8.7 8.8 8.7 8.7 8.7 8.7 8.7	FEBRUAR' 8.0 8.0 8.1 8.2 8.2 8.3 8.4 8.0 7.9 7.1 7.8 7.9 7.6 7.9 7.7 7.2 6.8 7.2 7.4 7.5 7.4 7.2	8.2 8.1 8.3 8.4 8.4 8.5 8.5 8.3 8.4 8.1 8.1 8.2 8.0 8.2 8.4 8.1 7.4 7.3 7.7 7.8 7.5 7.4 	7.4 7.3 7.3 7.5 7.3 7.0 7.1 7.1 7.0 7.4 7.1 6.8 6.8 7.2 7.2 7.5	7.0 6.8 6.8 7.2 7.0 6.9 7.0 6.9 6.7 6.7 6.6 6.6 6.6 7.0 7.1	7.2 7.1 7.0 7.3 7.1 7.0 6.8 6.9 6.9 6.7 7.0 7.1 7.2	7.8 7.8 7.8 7.5 7.4 7.5 7.4 7.3 7.5 7.4 7.3 7.2 7.1 6.9 7.0 6.9 7.0 7.1 7.0 6.8 6.9 7.0 7.2 8.4 8.5 8.6	APRIL 7.2 7.2 7.1 7.2 7.3 7.2 7.2 7.3 7.2 7.0 6.7 6.4 6.6 6.5 6.6 6.7 6.6 6.6 6.7 7.0 6.9 7.2 8.0	7.4 7.4 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.2 7.0 6.6 6.7 6.7 6.8 6.8 6.9 6.7 6.7 6.8 6.8 6.8 7.1 7.1 7.5 7.8 8.4	7.8 8.5 8.2 7.5 7.8 8.4 8.9 8.9 8.5 8.1 7.6 7.6 8.3 8.0 8.1 7.5 7.6 8.0 8.4 8.2 7.6 8.8 8.9 8.9	MAY 7.3 7.2 7.4 7.3 7.9 7.9 7.0 7.2 7.1 7.3 7.2 7.3 7.4 7.3 7.4 7.4 7.1 7.5 6.9 7.2 7.2	7.5 7.6 7.7 7.3 7.5 7.9 8.4 8.6 8.4 7.8 7.6 7.4 7.7 7.6 7.7 7.4 7.5 7.7 7.8 8.0 8.2 8.2 7.9

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST	,	S	ЕРТЕМВІ	ER
1 2 3 4 5	7.3 7.8 7.9 7.5 7.8	6.9 7.0 7.0 7.1 7.1	7.1 7.2 7.3 7.2 7.4	8.1 7.8 7.7 8.7 8.4	7.3 7.2 7.2 7.3 7.8	7.7 7.4 7.5 7.8 8.1	8.8 9.0 9.0 8.9 9.1	7.5 8.6 8.2 8.1 7.7	8.4 8.8 8.8 8.6 8.6	8.8 8.9 8.9 8.8 8.8	7.2 8.0 7.9 8.5 8.2	8.2 8.5 8.6 8.7 8.5
6 7 8 9 10	8.3 7.5 7.6 8.3 8.3	7.0 7.1 7.2 7.2 7.0	7.5 7.3 7.4 7.7 7.7	8.4 8.2 8.3 8.4 8.6	7.8 7.6 7.4 7.5 7.1	8.0 7.9 7.8 8.0 8.0	9.0 8.9 8.8 8.4 8.3	8.5 8.5 8.2 7.3 7.5	8.8 8.7 8.5 8.0 7.9	8.6 8.5 8.2 8.1 8.0	8.2 7.4 7.8 7.6 7.4	8.5 8.3 8.0 7.9 7.7
11 12 13 14 15	8.2 8.6 8.4 8.6 8.7	7.3 7.3 7.6 7.5 7.2	7.7 7.9 8.1 8.0 7.9	8.3 8.6 8.0 8.7	7.3 7.4 7.3 7.4	7.9 7.8 7.5 7.7	8.7 8.6 8.6 	7.4 7.4 7.0	7.9 7.8 7.5 	8.1 8.3 8.8 8.8 9.0	7.5 7.6 7.5 7.2 8.0	7.8 7.9 8.0 8.2 8.6
16 17 18 19 20	8.6 7.9 8.8 8.6 8.6	7.7 7.5 7.4 7.5 7.3	8.1 7.7 7.9 8.1 8.0	8.8 8.2 8.8	6.8 7.2 7.3	8.2 7.7 7.8	 	 	 	 	 	
21 22 23 24 25	8.5 8.6 8.4 8.7 8.6	7.5 7.2 7.2 7.4 7.3	8.0 7.8 7.7 8.2 8.1	8.7 8.6 8.2 8.4 8.7	7.7 8.1 7.2 7.4 7.3	8.3 8.4 7.8 7.9 8.3	8.2 8.8 8.8	7.1 7.2 7.5	7.4 7.9 8.3	9.1 8.7 8.3 7.2	7.8 7.7 7.1 6.6	8.8 8.4 7.5 6.8
26 27 28 29 30 31	8.4 8.4 8.3 8.1 8.3	7.2 7.2 6.9 6.8 7.1	7.8 7.7 7.6 7.6 7.7	8.8 8.9 9.0 	7.3 7.3 8.1 	8.2 8.4 8.6 	9.0 8.9 8.9 8.7 8.6 8.9	7.3 7.4 7.0 7.1 7.1 7.0	8.1 7.7 8.0 8.1 8.2	6.7 6.8 6.8 6.8 7.3	6.4 6.5 6.4 6.6 6.8	6.6 6.6 6.7 6.9
MONTH	8.8	6.8	7.7									

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

 $0208453300\ PAMLICO\ RIVER\ AT\ LIGHT\ 5--Continued$

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

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

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

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

 $0208453300\ PAMLICO\ RIVER\ AT\ LIGHT\ 5--Continued$

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			OVEMBE			ECEMBE	R		JANUARY	7
1 2 3 4 5	25.1 25.5 25.7 26.5 27.3	24.5 24.7 25.3 25.2 25.6	24.7 25.1 25.5 25.7 26.4	16.5 15.2 15.1 14.8 15.5	15.0 14.4 14.1 13.8 13.5	15.7 14.9 14.4 14.3 14.2	10.0 9.3 8.9 7.9 7.6	8.8 8.4 7.9 7.2 6.5	9.5 8.7 8.5 7.5 6.9	9.3 9.4 10.0 9.4 8.6	7.7 8.7 8.9 8.0 7.5	8.3 9.1 9.3 8.7 8.2
6 7 8 9 10	27.0 26.6 26.3 24.4 23.7	25.2 25.5 24.4 23.5 23.2	25.9 26.0 25.0 23.8 23.5	14.9 14.3 14.9 15.2 16.3	14.1 13.6 13.3 13.1 14.3	14.6 14.1 14.1 14.2 15.2	6.9 6.8 7.2 7.1 6.7	6.1 5.7 5.7 5.8 5.8	6.4 6.4 6.5 6.5 6.2	7.4 7.6 8.0	6.4 6.5 7.4	6.8 7.0 7.7
11 12 13 14 15	23.8 23.6 23.6 23.6 22.4	23.4 23.4 23.1 22.0 20.7	23.6 23.5 23.4 23.0 21.3	17.5 18.0 17.7 15.5 16.1	15.7 16.3 15.0 13.7 14.4	16.8 17.3 16.3 14.8 15.4	6.7 7.0 7.4 8.2 7.9	6.2 6.2 6.6 7.2 6.9	6.4 6.6 6.9 7.5 7.3	8.0 7.4 6.7 7.0 6.3	6.8 6.1 5.8 5.8 5.5	7.3 6.7 6.4 6.1 5.8
16 17 18 19 20	21.6 20.8 20.9 20.9 20.9	20.2 20.2 18.9 19.7 19.5	20.9 20.4 20.1 20.3 20.2	15.4 15.1 14.2 14.1 15.0	14.9 14.1 13.3 13.2 13.9	15.1 14.9 13.9 13.8 14.4	7.6 7.5 7.6 8.0 9.6	6.6 6.5 6.0 6.5 7.9	7.1 7.0 6.7 7.5 8.9	6.1 5.6 5.0 5.2 4.8	4.7 4.8 3.9 3.9 3.6	5.4 5.3 4.6 4.3 4.1
21 22 23 24 25	21.0 20.5 20.5 20.2 18.4	20.0 19.4 19.4 17.4 17.6	20.4 20.0 19.9 19.0 18.0	15.0 14.9 13.3 11.9 13.0	14.4 13.3 11.4 10.6 11.5	14.7 14.3 12.4 11.3 12.1	9.0 9.2 8.8 8.8 8.6	8.1 7.8 8.0 8.0 7.5	8.7 8.2 8.4 8.4 8.3	4.5 4.1 3.7 1.4	3.9 3.4 1.2 0.0	4.2 3.8 2.8 0.8
26 27 28 29 30 31	18.7 19.0 19.1 18.7 18.1 17.0	18.0 18.1 18.3 18.0 17.0 15.4	18.3 18.5 18.6 18.4 17.6 16.2	12.9 12.9 12.7 11.2 10.5	12.0 11.2 9.8 9.3 9.4	12.5 12.2 11.2 10.3 10.0	7.5 6.9 7.3 7.6 7.8 7.9	6.1 6.0 6.0 6.8 7.3	7.0 6.4 6.8 6.8 7.5 7.7	2.0 2.0 3.3 3.3 3.6	1.4 1.4 1.5 2.3 3.0	1.7 1.6 2.3 2.9 3.3
MONTH	27.3	15.4	21.7	18.0	9.3	14.0	10.0	5.7	7.4			
1,101,111	27.5	10	2117			1						
	F	FEBRUARY	<i>T</i>		MARCH			APRIL			MAY	
1 2 3 4 5	F		<i>T</i>	8.7 9.6 9.7 9.8 11.0	8.0 8.2 8.5 8.5 9.5	8.4 9.0 9.0 9.2 10.2	17.4 18.2 17.5		15.6 16.5 16.8	22.1 23.7 23.0 20.9 19.5	MAY 21.0 21.1 20.9 19.5 18.8	21.5 22.0 22.1 20.2 19.1
1 2 3 4	3.7 4.2 5.0 6.6	3.2 2.9 2.9 4.5	3.4 3.4 3.9 5.8	8.7 9.6 9.7 9.8 11.0	8.0 8.2 8.5 8.5 9.5	8.4 9.0 9.0 9.2 10.2	 17.4 18.2	APRIL 14.8 15.5	 15.6 16.5	23.7 23.0 20.9	21.0 21.1 20.9 19.5	22.0 22.1 20.2
1 2 3 4 5 6 7 8 9 10	3.7 4.2 5.0 6.6 6.7 6.6 6.0 5.9 6.4	3.2 2.9 2.9 4.5 5.8 5.7 5.8 4.9 5.5 5.5	3.4 3.4 3.9 5.8 6.4 6.2 5.9 5.4 5.8 5.8	8.7 9.6 9.7 9.8 11.0 11.1 10.6 9.7 10.8 11.6	MARCH 8.0 8.2 8.5 9.5 10.5 9.2 8.6 9.4 9.5	8.4 9.0 9.0 9.2 10.2 10.8 9.8 9.0 10.1 10.3	17.4 18.2 17.5 17.4 16.5 15.7 14.8 13.9	APRIL 14.8 15.5 16.4 16.5 15.6 14.8 13.8 12.8	15.6 16.5 16.8 17.0 16.1 15.2 14.3 13.3	23.7 23.0 20.9 19.5 20.8 22.5 23.8 24.4 24.6	21.0 21.1 20.9 19.5 18.8 18.9 20.3 21.2 21.7 22.9	22.0 22.1 20.2 19.1 19.8 21.2 22.4 23.4 23.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14	3.7 4.2 5.0 6.6 6.7 6.6 6.0 5.9 6.4 6.2 6.4 6.6 6.6 6.6	3.2 2.9 2.9 4.5 5.8 5.7 5.8 4.9 5.5 5.5 5.1 5.4 5.2	3.4 3.4 3.9 5.8 6.4 6.2 5.9 5.4 5.8 5.8 5.7 5.9 5.8	8.7 9.6 9.7 9.8 11.0 11.1 10.6 9.7 10.8 11.6 10.8 11.7 12.8 12.6	MARCH 8.0 8.2 8.5 8.5 9.5 10.5 9.2 8.6 9.4 9.5 10.2 10.2 11.0 10.8	8.4 9.0 9.0 9.2 10.2 10.8 9.8 9.0 10.1 10.3 10.4 10.8 11.9 11.6	17.4 18.2 17.5 17.4 16.5 15.7 14.8 13.9 12.8 13.3 14.2 15.2	APRIL 14.8 15.5 16.4 16.5 15.6 14.8 13.8 12.8 11.9 11.5 12.8 13.2	15.6 16.5 16.8 17.0 16.1 15.2 14.3 13.3 12.5 12.5 13.3 14.0	23.7 23.0 20.9 19.5 20.8 22.5 23.8 24.4 24.6 25.0 24.0 22.7 22.9	21.0 21.1 20.9 19.5 18.8 18.9 20.3 21.2 21.7 22.9 23.1 22.7 21.7 21.0	22.0 22.1 20.2 19.1 19.8 21.2 22.4 23.5 24.0 23.2 22.1 22.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	3.7 4.2 5.0 6.6 6.7 6.6 6.0 5.9 6.4 6.2 6.4 6.6 6.6 6.6	3.2 2.9 2.9 4.5 5.8 5.7 5.8 4.9 5.5 5.5 5.1 5.4 5.2 5.4	3.4 3.4 3.9 5.8 6.4 6.2 5.9 5.4 5.8 5.8 5.7 5.9 5.8	8.7 9.6 9.7 9.8 11.0 11.1 10.6 9.7 10.8 11.6 10.8 11.7 12.8 12.6 11.5	8.0 8.2 8.5 8.5 9.5 10.5 9.2 8.6 9.4 9.5 10.2 11.0 10.8 10.4	8.4 9.0 9.0 9.2 10.2 10.8 9.8 9.0 10.1 10.3 10.4 10.8 11.9 11.7 	17.4 18.2 17.5 17.4 16.5 15.7 14.8 13.9 12.8 13.3 14.2 15.5 17.1 18.0 17.0	APRIL 14.8 15.5 16.4 16.5 15.6 14.8 13.8 12.8 11.9 11.5 12.8 13.2 13.6 15.0 15.8 16.1 16.2	15.6 16.5 16.8 17.0 16.1 15.2 14.3 13.3 12.5 12.5 13.3 14.0 14.4 16.0 16.6 16.6	23.7 23.0 20.9 19.5 20.8 22.5 23.8 24.4 24.6 25.0 24.0 22.7 22.9 22.3 24.0 22.9 21.4 20.6	21.0 21.1 20.9 19.5 18.8 18.9 20.3 21.2 21.7 22.9 23.1 22.7 21.6 21.6 21.6 21.2 20.6 19.7	22.0 22.1 20.2 19.1 19.8 21.2 22.4 23.4 23.5 24.0 23.2 22.1 21.9 22.4 22.0 21.0 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	6.6 6.7 6.6 6.0 5.9 6.4 6.2 6.4 6.6 6.6 6.6 7.7 8.1 10.0 9.7 9.9 9.6 8.8 8.6 	3.2 2.9 4.5 5.8 5.7 5.8 4.9 5.5 5.5 5.1 5.4 5.2 5.4 6.6 6.3 8.2 9.3 8.8 8.3 8.0	3.4 3.4 3.9 5.8 6.4 6.2 5.9 5.4 5.8 5.8 5.7 5.9 5.8 5.8 6.8 7.3 8.1 9.2 9.6 9.1 8.5 8.2	8.7 9.6 9.7 9.8 11.0 11.1 10.6 9.7 10.8 11.6 10.8 11.7 12.8 12.6 11.5	MARCH 8.0 8.2 8.5 8.5 9.5 10.5 9.2 8.6 9.4 9.5 10.2 11.0 10.8 10.4 11.2	8.4 9.0 9.0 9.2 10.2 10.8 9.8 9.0 10.1 10.3 10.4 10.8 11.9 11.6 10.9 11.7	17.4 18.2 17.5 17.4 16.5 15.7 14.8 13.9 12.8 13.3 14.2 15.2 15.5 17.1 18.0 17.0 17.4 18.3 19.0 18.7 18.9 18.2 19.3 19.5 20.0 21.5 21.8	APRIL 14.8 15.5 16.4 16.5 15.6 14.8 13.8 12.8 11.9 11.5 12.8 13.2 13.6 15.0 15.8 16.1 16.2 16.1 16.4 16.7 17.2 16.5 17.5 17.5 17.8 18.4 19.7 20.3	15.6 16.5 16.8 17.0 16.1 15.2 14.3 13.3 12.5 12.5 13.3 14.0 14.4 16.0 16.6 16.6 16.7 17.8 17.8 17.8 17.9 17.9 18.8 18.9 20.5 21.0	23.7 23.0 20.9 19.5 20.8 22.5 23.8 24.4 24.6 25.0 24.0 22.7 22.9 22.3 24.0 22.9 21.4 20.6 20.9 21.9 22.1 21.1 21.1 22.3 22.8 22.6 22.2 22.4 22.7	21.0 21.1 20.9 19.5 18.8 18.9 20.3 21.2 21.7 22.9 23.1 22.7 21.6 21.6 21.6 21.2 20.6 19.7 19.3 19.8 20.4 20.1 20.2 21.1 20.2	22.0 22.1 20.2 19.1 19.8 21.2 22.4 23.5 24.0 23.2 22.1 21.9 22.4 22.0 21.0 20.1 19.9 20.6 21.4 20.7 20.5 21.1 21.9 21.9 21.9 21.9 21.9
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	6.6 6.7 6.6 6.0 5.9 6.4 6.2 6.4 6.6 6.6 6.6 7.7 8.1 10.0 9.7 9.9 9.6 8.8 8.8 8.6	5.5 5.5 5.1 5.4 5.2 5.4 6.6 6.3 8.2 9.3 8.8 8.3 8.0	3.4 3.4 3.9 5.8 6.4 6.2 5.9 5.4 5.8 5.8 5.7 5.9 5.8 5.8 6.8 7.3 8.1 9.2 9.6 9.1 8.5 8.2	8.7 9.6 9.7 9.8 11.0 11.1 10.6 9.7 10.8 11.6 10.8 11.7 12.8 12.6 11.5 12.6	MARCH 8.0 8.2 8.5 8.5 9.5 10.5 9.2 8.6 9.4 9.5 10.2 11.0 10.8 10.4 11.2	8.4 9.0 9.0 9.2 10.2 10.8 9.8 9.0 10.1 10.3 10.4 10.8 11.9 11.6 10.9 11.7 	17.4 18.2 17.5 17.4 16.5 15.7 14.8 13.9 12.8 13.3 14.2 15.2 15.5 17.1 18.0 17.0 17.0 17.4 18.3 19.0 18.7 18.9 18.2	APRIL 14.8 15.5 16.4 16.5 15.6 14.8 13.8 12.8 11.9 11.5 12.8 13.2 13.6 15.0 15.8 16.1 16.2 16.1 16.4 16.7 17.2 16.5 17.5 17.5 17.8 18.4 19.7	15.6 16.5 16.8 17.0 16.1 15.2 14.3 13.3 12.5 12.5 13.3 14.0 16.6 16.6 16.6 16.7 17.8 17.8 17.8 17.9 17.9 18.8 18.9 20.5	23.7 23.0 20.9 19.5 20.8 22.5 23.8 24.4 24.6 25.0 24.0 22.7 22.9 22.3 24.0 22.9 21.4 20.6 20.9 21.9 22.1 21.1 22.3 22.8 22.6 22.2 22.4	21.0 21.1 20.9 19.5 18.8 18.9 20.3 21.2 21.7 22.9 23.1 22.7 21.6 21.6 21.6 21.6 21.2 20.6 19.7 19.3 19.8 20.4 20.1 20.2 21.1 20.2	22.0 22.1 20.2 19.1 19.8 21.2 22.4 23.5 24.0 23.2 22.1 21.9 22.4 22.0 21.0 20.1 19.9 20.6 21.4 20.7 20.5 21.1 21.9 21.9 21.9 21.9 21.9

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST	,	S	EPTEMBE	ER
1 2 3 4 5	21.8 22.6 23.0 22.9 24.5	20.5 20.7 20.9 21.6 22.0	21.1 21.1 21.9 22.2 23.0	29.0 28.5 27.0 28.7 28.7	28.1 26.4 26.2 26.4 27.1	28.5 27.3 26.6 27.3 27.9	29.4 29.2 29.0 28.6 29.0	28.1 28.4 28.4 28.0 27.8	28.7 28.8 28.6 28.3 28.2	30.1 30.4 29.9 30.0 29.2	29.1 28.9 29.1 29.0 28.1	29.5 29.6 29.4 29.4 28.7
6 7 8 9 10	24.9 24.2 24.8 25.9 27.0	22.6 23.2 23.6 24.6 24.5	23.7 23.8 24.3 25.1 26.0	29.4 29.5 30.6 31.0 30.5	27.6 28.1 28.0 28.6 28.6	28.3 28.5 29.1 29.8 29.7	28.8 28.2 28.0 28.0 27.6	28.0 27.6 27.3 27.5 27.2	28.4 27.9 27.7 27.7 27.4	28.1 26.4 25.8 25.5 25.2	26.4 25.8 25.3 24.8 24.4	27.2 26.1 25.5 25.2 24.7
11 12 13 14 15	27.3 27.9 27.6 28.2 28.4	25.9 26.6 27.0 26.8 27.1	26.6 27.2 27.3 27.4 27.7	30.2 29.8 28.6 28.2	28.6 28.4 27.3 27.1	29.1 28.8 28.1 27.5	28.0 27.8 28.4 	27.0 27.0 26.8 	27.4 27.3 27.3 	24.4 23.5 23.4 23.9 24.7	23.3 22.8 22.9 22.7 23.7	23.7 23.2 23.2 23.1 24.1
16 17 18 19 20	27.9 27.2 27.8 28.3 27.6	27.2 26.5 26.2 26.8 26.8	27.6 26.7 26.8 27.4 27.2	30.2 29.0 28.5	27.4 27.9 27.4	29.1 28.3 27.7	 	 	 	 	 	
21 22 23 24 25	27.5 26.5 26.9 28.1 28.9	26.2 25.5 25.2 26.2 27.2	26.8 26.0 26.0 26.9 27.8	29.1 29.1 28.5 28.2 28.1	27.6 28.2 27.3 27.1 27.5	28.2 28.7 28.0 27.7 27.8	29.8 29.7 29.7	28.5 28.4 28.1	29.0 28.9 28.8	24.6 24.9 25.0 24.6	23.5 23.4 24.0 23.5	24.1 24.2 24.4 24.1
26 27 28 29 30 31	28.7 28.9 28.6 28.8 29.2	27.1 27.2 27.0 27.2 27.8	28.0 27.9 27.7 28.1 28.3	28.3 29.5 29.8 	27.4 27.4 28.1 	27.8 28.5 28.8 	30.3 31.1 31.0 30.4 30.1 30.8	27.9 28.6 28.4 28.9 28.8 28.1	28.8 29.5 29.4 29.4 29.3 29.3	24.3 25.0 25.0 24.4 22.9	23.5 23.6 23.8 22.8 21.9	23.9 24.1 24.4 23.5 22.3
MONTH	29.2	20.5	25.9									

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER		N	OVEMBE			ECEMBE			JANUARY	•
1 2 3 4 5	25.7 25.6 25.4 25.8 25.4	25.5 25.3 25.1 25.1 25.2	25.6 25.5 25.2 25.2 25.3	18.3 17.0 16.3 16.0 16.0	16.3 14.8 15.0 15.5 15.0	17.4 16.2 15.8 15.7 15.8	10.0 9.9 9.8 9.3 7.7	9.1 8.7 8.1 7.3 6.5	9.7 9.5 8.9 8.0 7.1	8.1 8.3 8.4 8.6 8.5	8.0 8.0 8.1 8.2 8.3	8.0 8.1 8.2 8.3 8.4
6 7 8 9 10	25.4 25.4 25.4 25.2 25.1	25.1 25.3 24.6 23.7 23.8	25.3 25.3 25.2 24.9 24.8	16.0 15.7 15.3 15.3 15.4	14.8 14.6 14.9 15.0 15.0	15.6 15.3 15.2 15.2 15.3	7.5 7.1 7.3 7.3 7.2	6.8 6.8 6.9 6.7 6.6	7.2 6.9 7.1 7.0 6.9	8.7 8.6 7.6 7.4 7.8	7.8 7.3 6.6 6.7 7.3	8.5 7.9 7.1 7.1 7.6
11 12 13 14 15	24.9 24.4 24.4 24.3 22.9	23.6 23.5 24.0 22.6 21.0	24.0 24.0 24.2 23.3 22.0	16.7 17.0 16.2 16.0 16.0	15.1 15.0 15.5 15.9 15.9	15.4 15.3 15.8 15.9 16.0	7.1 7.1 7.3 8.0 7.4	6.8 6.9 7.0 7.2 6.9	6.9 7.0 7.1 7.5 7.2	7.8 7.9 7.4 7.4 7.1	7.7 6.7 7.2 6.6 5.7	7.8 7.4 7.3 7.2 6.4
16 17 18 19 20	22.1 21.6 21.4 21.3 21.3	20.7 21.1 20.6 21.1 20.8	21.3 21.4 21.0 21.2 21.0	16.0 16.0 15.8 15.1 14.8	15.7 14.9 14.4 14.5 14.5	15.9 15.9 15.2 14.9 14.7	7.6 7.6 7.7 7.9 9.5	7.3 7.4 7.5 7.6 7.6	7.4 7.5 7.6 7.8 8.2	7.0 6.4 5.6 5.0 4.7	5.3 5.2 4.3 4.0 3.6	6.6 5.5 4.7 4.5 4.2
21 22 23 24 25	21.0 21.2 21.0 21.0 20.7	20.8 20.8 20.5 20.1 19.5	20.9 21.0 20.7 20.8 20.3	14.8 14.8 13.4 13.1 13.1	14.5 13.3 12.3 12.5 12.8	14.6 14.4 12.7 12.9 13.0	8.7 8.8 8.7 8.7	8.1 8.4 8.4 8.4 7.5	8.4 8.5 8.6 8.6 8.4	4.5 4.0 3.7 1.7 1.8	3.9 3.6 1.2 0.1 1.1	4.2 3.8 2.8 1.2 1.6
26 27 28 29 30 31	20.6 20.3 20.0 20.2 20.0 19.4	19.5 19.7 19.6 18.5 17.7 17.0	20.1 20.1 19.8 19.8 19.5 18.0	13.2 13.3 13.0 12.7 12.1	12.9 12.5 11.6 10.8 9.9	13.1 13.0 12.4 12.2 11.4	7.5 7.7 7.8 7.8 7.9 8.1	6.2 7.5 7.6 7.6 7.6 7.8	7.1 7.6 7.7 7.7 7.8 7.9	2.2 2.2 2.2 2.2 2.4	1.7 1.5 1.8 1.9 1.8	2.0 1.8 2.0 2.0 2.1
	25.0	17.0	22.5	10.2	9.9	147	10.0	6.2	7.8			
MONTH		17.0		18.3		14.7	10.0		7.8			
]	FEBRUARY	7		MARCH			APRIL			MAY	
1 2 3 4 5]	FEBRUARY					10.0 15.4 17.6 16.9		14.5 15.1 15.3	18.3 21.0 22.1 20.4 19.1		16.9 18.1 18.3 18.2 18.1
1 2 3 4	2.4 2.7 3.3 6.5	1.9 2.3 2.5 2.7 3.6 4.5 4.7 5.1	2.1 2.5 2.7 3.9 4.4 4.8 5.2 5.3	8.8 8.8 9.0 10.3	MARCH		 15.4 17.6	APRIL 14.1 14.1	 14.5 15.1	18.3 21.0 22.1 20.4	MAY 16.5 16.8 16.7 17.4	16.9 18.1 18.3 18.2
1 2 3 4 5 6 7 8	2.4 2.7 3.3 6.5 5.3 6.1 5.8 5.5 5.5 6.0	1.9 2.3 2.5 2.7 3.6 4.5 4.7 5.1 5.3 5.3	2.1 2.5 2.7 3.9 4.4 4.8 5.2 5.3	8.8 8.8 9.0 10.3 11.0 9.8 9.2 9.3	8.6 8.6 8.7 8.8 8.9 8.9 9.0 9.1	8.8 8.7 8.7 8.9 9.3 9.1 9.2 9.1 9.2 9.3	15.4 17.6 16.9 17.0 16.5 15.7	APRIL 14.1 14.1 14.4 15.0 14.8 13.8 12.7	14.5 15.1 15.3 15.3 15.9 15.2 14.3	18.3 21.0 22.1 20.4 19.1 20.2 19.3 21.1 22.8 22.1	MAY 16.5 16.8 16.7 17.4 17.8 17.8 18.0 18.4	16.9 18.1 18.3 18.2 18.1 19.0 18.1 18.6 19.3 20.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14	2.4 2.7 3.3 6.5 5.3 6.1 5.8 5.5 6.0 5.8 6.6 6.3 6.3	1.9 2.3 2.5 2.7 3.6 4.5 4.7 5.1 5.3 5.3 5.4 5.6 5.4 5.7	2.1 2.5 2.7 3.9 4.4 4.8 5.2 5.3 5.4 5.6 6.0 6.0 6.2	8.8 8.8 9.0 10.3 11.0 9.8 9.2 9.3 9.8 9.7 9.6 12.0	MARCH 8.6 8.6 8.7 8.8 8.9 8.9 9.0 9.1 9.2 9.3 9.4 9.4 9.5	8.8 8.7 8.7 8.9 9.3 9.1 9.2 9.1 9.2 9.3 9.5 9.5	15.4 17.6 16.9 17.0 16.5 15.7 15.1 13.9 12.8 13.0 13.2 14.9	APRIL 14.1 14.1 14.4 15.0 14.8 13.8 12.7 11.9 11.6 12.6 12.7	14.5 15.1 15.3 15.3 15.9 15.2 14.3 13.3 12.5 12.4 12.7 13.1	18.3 21.0 22.1 20.4 19.1 20.2 19.3 21.1 22.8 22.1 23.7 23.1 22.7 22.2	MAY 16.5 16.8 16.7 17.4 17.4 17.8 18.0 18.4 18.9 19.6 20.3 21.7 21.2	16.9 18.1 18.3 18.2 18.1 19.0 18.1 18.6 19.3 20.0 21.1 22.5 22.1 21.7
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	2.4 2.7 3.3 6.5 5.3 6.1 5.8 5.5 5.5 6.0 5.8 6.6 6.3 6.3	1.9 2.3 2.5 2.7 3.6 4.5 4.7 5.1 5.3 5.3 5.4 5.6 5.4 5.7	2.1 2.5 2.7 3.9 4.4 4.8 5.2 5.3 5.4 5.6 6.0 6.0 6.2	8.8 8.8 9.0 10.3 11.0 9.8 9.2 9.3 9.8 9.7 9.6 12.0 10.7	8.6 8.6 8.7 8.8 8.9 8.9 9.0 9.1 9.2 9.3 9.4 9.4 9.5 9.8	8.8 8.7 8.7 8.9 9.3 9.1 9.2 9.1 9.2 9.3 9.5 9.5 10.1 10.1	15.4 17.6 16.9 17.0 16.5 15.7 15.1 13.9 12.8 13.0 13.2 14.9 14.6 16.5 17.6 16.9 16.8	APRIL 14.1 14.1 14.4 15.0 14.8 13.8 12.7 11.9 11.6 12.6 12.7 13.2 13.3 13.7 16.1 15.2	14.5 15.1 15.3 15.3 15.9 15.2 14.3 13.3 12.5 12.4 12.7 13.1 13.9 14.8 15.7 16.5	18.3 21.0 22.1 20.4 19.1 20.2 19.3 21.1 22.8 22.1 23.7 23.1 22.7 22.2 22.1 22.0 22.8 21.4 20.6	MAY 16.5 16.8 16.7 17.4 17.4 17.8 18.0 18.4 18.9 19.6 20.3 21.7 21.2 21.6 21.5 21.5 21.7	16.9 18.1 18.3 18.2 18.1 19.0 18.1 18.6 19.3 20.0 21.1 22.5 22.1 21.7 21.8 21.7 21.9 20.9 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	2.4 2.7 3.3 6.5 5.3 6.1 5.8 5.5 5.5 6.0 5.8 6.3 6.3 6.3 6.3 6.4 9.0 9.8 9.9 9.6 9.1 9.0	FEBRUARY 1.9 2.3 2.5 2.7 3.6 4.5 4.7 5.1 5.3 5.3 5.4 5.6 5.4 5.7 6.2 6.2 6.2 6.3 8.6 9.1 8.8 8.8 8.4	2.1 2.5 2.7 3.9 4.4 4.8 5.2 5.3 5.4 5.6 6.0 6.0 6.2 6.3 6.3 6.5 9.1 9.5 9.1 9.0 8.9	8.8 8.8 9.0 10.3 11.0 9.8 9.2 9.3 9.8 9.7 9.6 12.0 10.7 12.2 	8.6 8.6 8.7 8.8 8.9 8.9 8.9 9.0 9.1 9.2 9.3 9.4 9.5 9.8 10.3	8.8 8.7 8.7 8.9 9.3 9.1 9.2 9.1 9.2 9.3 9.5 9.5 10.1 10.1	15.4 17.6 16.9 17.0 16.5 15.7 15.1 13.9 12.8 13.0 13.2 14.9 14.6 16.5 17.6 16.8 16.6 14.9 15.6 15.9 16.6 15.9 16.6 17.4 17.2 17.4 17.8 17.4 18.8	APRIL 14.1 14.1 14.4 15.0 14.8 13.8 12.7 11.9 11.6 12.6 12.7 13.2 13.3 13.7 16.1 15.2 13.7 14.6 15.1 15.5 15.9 16.0 16.1 16.2 16.2	14.5 15.1 15.3 15.3 15.9 15.2 14.3 13.3 12.5 12.4 12.7 13.1 13.9 14.8 15.7 16.5 14.5 14.5 14.5 14.6 15.8 16.1 16.2 16.3 16.5	18.3 21.0 22.1 20.4 19.1 20.2 19.3 21.1 22.8 22.1 23.7 23.1 22.7 22.2 22.1 22.0 22.8 21.4 20.6 19.8 21.2 21.2 20.9 20.4 21.8 22.0 21.9 21.9	MAY 16.5 16.8 16.7 17.4 17.4 17.8 18.0 18.4 18.9 19.6 20.3 21.7 21.2 21.6 21.5 21.2 20.6 19.7 19.2 19.8 20.2 20.1 20.2 20.1 20.2 20.6 20.7 20.8 20.8 20.8	16.9 18.1 18.3 18.2 18.1 19.0 18.1 18.6 19.3 20.0 21.1 22.5 22.1 21.7 21.8 21.7 21.9 20.9 20.1 19.4 20.3 20.4 20.5 20.2 20.5 20.9 21.2 21.0 21.2 21.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	2.4 2.7 3.3 6.5 5.3 6.1 5.8 5.5 5.5 6.0 5.8 6.6 6.3 6.3 6.3 6.4 9.0 9.8 9.9 9.6 9.1 9.0	1.9 2.3 2.5 2.7 3.6 4.5 4.7 5.1 5.3 5.4 5.6 5.4 5.7 6.2 6.2 6.2 6.3 8.6 9.1 8.8 8.8 8.4	2.1 2.5 2.7 3.9 4.4 4.8 5.2 5.3 5.4 5.6 6.0 6.0 6.2 6.3 6.3 6.5 9.1 9.5 9.0 8.9	8.8 8.8 9.0 10.3 11.0 9.8 9.2 9.3 9.8 9.7 9.6 12.0 10.7 12.2	8.6 8.6 8.7 8.8 8.9 8.9 8.9 9.0 9.1 9.2 9.3 9.4 9.4 9.5 9.8 10.3	8.8 8.7 8.7 8.9 9.3 9.1 9.2 9.1 9.2 9.3 9.5 9.5 10.1 10.1 11.2 	15.4 17.6 16.9 17.0 16.5 15.7 15.1 13.9 12.8 13.0 13.2 14.9 14.6 16.5 17.6 16.8 16.6 14.9 15.6 15.9 16.6 15.9 16.6 17.2 17.4	APRIL 14.1 14.4 14.4 15.0 14.8 13.8 12.7 11.9 11.6 12.6 12.7 13.2 13.3 13.7 16.1 15.2 13.7 15.5 15.9 16.0 16.1 16.2	14.5 15.1 15.3 15.3 15.9 15.2 14.3 13.3 12.5 12.4 12.7 13.9 14.8 15.7 16.5 16.5 14.5 14.2 14.4 15.1 15.6 15.8 16.1 16.2 16.4 16.3	18.3 21.0 22.1 20.4 19.1 20.2 19.3 21.1 22.8 22.1 23.7 23.1 22.7 22.2 22.1 22.0 22.8 21.4 20.6 19.8 21.2 21.2 20.9 21.8 21.2 21.2 20.9 21.9 21.9 21.9 21.9 21.9 21.9 21.9 21	MAY 16.5 16.8 16.7 17.4 17.4 17.8 17.8 18.0 18.4 18.9 19.6 20.3 21.7 21.2 21.6 21.5 21.2 20.6 19.7 19.2 19.8 20.2 20.1 20.2 20.1 20.2 20.6 20.7 20.8 20.8	16.9 18.1 18.3 18.2 18.1 19.0 18.1 18.6 19.3 20.0 21.1 22.5 22.1 21.7 21.8 21.7 21.8 21.7 21.9 20.9 20.1 19.4 20.3 20.4 20.5 20.2 20.5 20.9 21.2 21.0 21.2

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

WITER TEAM CO. OBEN 2002 TO DE TEMBER 2002												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST		S	ЕРТЕМВІ	ER
1 2 3 4 5	21.7 21.1 22.3 22.6 23.4	20.5 20.7 20.8 21.2 21.9	21.1 20.9 21.0 21.8 22.5	26.8 26.6 27.0 27.7 28.0	25.9 25.9 26.1 26.4 26.4	26.0 26.2 26.5 26.8 26.9	28.3 28.6 28.4 28.4 28.1	28.1 27.8 27.8 27.8 27.7	28.2 28.1 28.0 28.0 27.9	28.0 28.2 28.0 27.9 28.8	27.8 27.9 27.8 27.7 27.8	27.9 28.0 27.9 27.8 27.9
6 7 8 9 10	22.8 23.7 24.0 25.1 26.0	22.4 22.6 23.2 23.2 23.4	22.6 23.1 23.7 24.2 24.1	28.4 29.3 28.9 30.1 29.6	26.6 27.3 28.0 28.2 28.0	27.5 28.3 28.3 28.8 28.6	28.3 27.9 27.9 27.9 27.7	27.6 27.6 27.7 27.6 27.4	27.8 27.7 27.8 27.7 27.6	27.9 27.8 27.4 26.6 25.2	27.7 26.1 25.4 24.8 24.4	27.8 27.2 26.1 25.4 24.7
11 12 13 14 15	26.0 26.5 26.8 26.9 27.8	23.9 23.5 23.6 23.8 23.7	25.2 24.7 24.9 25.0 24.1	29.7 29.2 28.5 27.6	28.4 28.4 27.3 26.9	28.9 28.6 28.1 27.2	27.6 27.3 27.4 	27.1 26.9 26.8 	27.3 27.1 27.0 	24.4 23.6 23.5 23.5 23.8	23.2 23.0 23.2 23.2 23.3	23.7 23.3 23.3 23.3 23.5
16 17 18 19 20	27.2 27.1 27.1 27.4 27.1	23.9 24.7 25.0 25.5 25.5	24.7 26.3 26.2 26.4 25.9	28.6 28.4 27.7	27.4 27.5 27.5	27.7 27.9 27.6	 	 	 	 	 	
21 22 23 24 25	27.2 26.4 26.1 26.2 25.8	25.4 25.5 25.3 25.3 25.4	26.2 25.8 25.6 25.5 25.5	28.8 28.9 28.3 27.9 27.9	27.0 27.6 27.4 27.0 27.4	27.5 28.0 27.9 27.6 27.6	28.5 27.9 28.4	27.2 27.5 27.6	27.8 27.6 27.8	23.2 24.7 25.1 24.2	22.9 23.1 23.8 23.9	23.0 23.7 24.3 24.1
26 27 28 29 30 31	27.2 26.7 26.0 27.0 27.3	25.4 25.5 25.7 25.8 25.9	25.9 25.8 25.9 26.1 26.1	27.9 28.1 28.7 	27.3 27.4 27.5 	27.5 27.7 27.9 	27.9 27.7 27.8 27.8 27.9 28.4	27.5 27.5 27.6 27.6 27.6 27.7	27.6 27.6 27.7 27.7 27.7 27.9	24.1 24.2 24.6 24.2 24.1	23.9 23.9 24.0 23.4 21.9	24.0 24.0 24.1 23.9 23.6
MONTH	27.8	20.5	24.6									

$0208453300\ PAMLICO\ RIVER\ AT\ LIGHT\ 5--Continued$

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

DAY	MAX	MIN	MEAN	MAX		MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBE	ER	D	ECEMBE	R		JANUARY	7
1 2 3 4 5	9.1 9.5 7.6 5.9 9.2	6.8 3.9 0.2 0.3 2.8	7.9 7.4 4.3 2.5 5.8	8.0 7.9 8.5 8.8 8.7	6.3 7.1 6.9 7.4 5.3	7.3 7.5 7.7 8.1 7.8	9.7 10.5 10.8 10.6 10.5	8.8 8.5 9.7 9.7 9.6	9.2 9.8 10.3 10.2 10.1	13.4 12.0 14.1 11.6 12.0	6.6 7.2 9.2 8.9 8.6	11.3 10.6 11.4 10.1 10.1
6 7 8 9 10	6.7 9.1 7.9 7.5 7.3	0.6 3.6 4.7 5.7 5.9	4.5 6.6 6.6 6.4 6.6	8.3 8.4 9.9 9.8 10.2	7.5 7.2 7.5 4.1 5.3	8.0 7.9 8.4 8.2 8.8	10.8 11.3 12.0 11.6 11.1	9.8 10.0 9.3 9.4 10.0	10.4 10.7 11.0 10.8 10.7	11.3 9.7 10.9 12.2 12.6	6.8 7.2 8.2 9.3 10.3	8.9 8.5 9.7 10.9 11.7
11 12 13 14 15	6.6 6.8 7.1 7.7 8.0	5.4 5.8 4.0 6.0 6.5	6.1 6.3 6.0 6.9 7.3	9.3 8.4 8.3 8.4 7.7	8.2 5.5 7.2 5.4 4.1	8.8 7.8 7.7 7.2 6.3	10.8 11.7 11.2 10.5 13.3	9.8 10.0 10.0 9.6 9.9	10.4 10.7 10.4 10.1 11.0	14.4 13.8 14.6 13.6 12.8	10.3 9.0 11.5 8.1 11.3	12.3 12.9 13.0 12.0 12.1
16 17 18 19 20	7.8 8.8 8.6 7.5 6.9	6.3 5.2 3.0 2.6 1.3	7.0 6.9 5.8 5.2 4.2	7.8 8.5 7.7 7.6 6.8	5.6 6.0 6.2 6.7 2.6	7.3 7.7 7.0 7.1 5.1	12.9 12.6 13.3 13.9 13.8	10.8 8.8 9.5 9.8 10.3	11.7 11.5 12.1 12.1 11.7	12.3 10.6 11.3 11.3 11.2	10.1 9.5 9.6 9.6 9.7	11.3 10.1 10.2 10.6 10.6
21 22 23 24 25	7.0 5.4 5.9 8.6 8.2	0.3 0.8 0.8 2.3 7.1	3.9 3.9 4.1 5.5 7.6	5.8 6.6 8.0 8.6 8.6	1.6 2.5 6.5 8.0 6.2	3.8 4.9 7.4 8.2 7.7	12.0 12.3 12.4 12.5 10.6	9.9 10.1 10.2 8.2 8.7	11.0 11.0 11.0 11.1 9.7	11.1 10.8 11.3 11.6	10.0 10.2 10.4 10.1	10.6 10.5 10.8 11.1
26 27 28 29 30 31	7.7 7.6 7.4 7.7 7.6 7.5	6.9 6.4 4.9 6.7 6.5 6.5	7.2 7.1 6.9 7.2 7.0 7.1	9.3 9.0 9.5 9.5 9.2	5.0 6.2 6.2 8.3 8.3	7.5 7.9 8.1 9.0 9.0	11.5 13.0 13.6 13.9 14.7 15.4	9.4 10.5 9.3 10.1 7.8 10.6	10.4 11.1 12.0 12.2 11.8 12.9	12.4 12.5 12.2 12.2 12.1 11.9	10.0 10.0 10.3 9.9 9.6 10.8	11.2 11.2 11.2 11.5 11.3 11.5
MONTH	9.5	0.2	6.1	10.2	1.6			7.8	10.9			
		FEBRUARY			MARCH			APRIL			MAY	
1 2 3 4 5	12.2 12.4 13.4 12.6 12.8	10.7 10.6 11.0 11.3 10.8	11.4 11.3 12.0 11.9 11.9	10.0 10.3 9.9 9.7 9.3	7.9 7.8 7.4 8.9 8.8	9.1 9.4 8.7 9.2 9.1	9.8 9.8 9.1	8.4 8.7 7.9	9.1 9.3 8.7	8.9 10.0 9.5 8.3 9.0	8.0 7.5 7.7 7.2 7.9	8.5 8.7 8.6 7.8 8.4
6 7 8 9 10	12.8 11.9 12.3 14.0 12.7	11.5 11.3 10.6 9.2 6.1	12.0 11.6 11.4 11.9 10.4	9.2 9.1 9.2 9.3 9.3	8.4 8.3 8.2 7.7 4.2	8.9 8.8 8.8 8.6 6.9	8.9 9.1 8.8 9.0 9.7	8.2 8.5 8.4 8.1 8.0	8.6 8.7 8.6 8.6 9.1	10.3 11.4 10.8 9.8 8.9	7.9 9.2 8.8 4.1 6.1	9.2 10.2 9.6 8.8 7.4
11 12 13 14 15	12.6 11.9 12.4 15.6	9.5 10.5 9.6 10.3	10.9 11.3 11.0 11.7	8.9 8.7 9.3 9.2 9.6	8.4 8.2 8.2 7.9 8.5	8.6 8.4 8.7 8.6 9.2	9.8 9.8 9.8 9.6 9.4	9.4 9.1 9.0 8.5 7.9	9.6 9.7 9.6 9.2 8.4	8.2 7.3 7.7 8.6 8.1	5.6 6.2 6.3 6.9 5.7	7.1 6.7 7.1 7.5 7.2
16 17 18 19 20	 13.9	 11.2	 12.5	10.1 	9.0 	9.3 	9.2 9.8 8.8 9.0 9.1	8.3 7.9 8.2 8.0 8.3	8.8 8.5 8.5 8.6 8.6	8.4 7.0 7.1 7.8 9.1	5.9 5.9 6.4 6.6 7.2	7.4 6.6 6.7 7.2 8.1
21 22 23 24 25	13.5 12.8 10.1 11.0	8.2 4.0 8.3 9.4	11.9 9.3 9.0 10.2	 	 	 	8.9 8.3 8.5 7.9 8.6	7.7 7.5 5.3 4.4 6.7	8.2 8.0 7.2 6.8 7.7	10.1 8.4 7.5 9.5 9.8	5.5 6.2 6.9 7.1 5.5	8.6 7.9 7.3 8.0 8.4
26 27 28 29 30 31	10.6 10.7 10.9 	9.9 9.6 9.7 	10.2 10.1 10.0 	 	 	 	10.8 10.3 10.7 10.8 10.5	6.4 6.7 7.9 9.9 8.0	7.7 8.9 9.5 10.3 9.5	10.2 9.9 9.4 9.6 9.9 9.1	7.9 4.3 7.3 7.5 7.2 6.2	9.0 8.8 8.7 8.6 8.2 7.9
MONTH										11.4	4.1	8.1

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST		S	EPTEMBE	ER
1 2 3 4 5	7.9 9.3 9.1 8.5 8.7	5.9 6.9 6.2 7.3 7.0	6.7 7.6 7.8 7.8 7.7	7.9 7.1 6.9 9.4 8.3	5.6 4.7 4.8 5.2 7.3	6.8 6.0 5.9 7.1 7.8	8.2 9.2 9.0 8.6 10.1	3.4 7.1 4.3 6.0 4.8	6.7 8.1 7.5 7.4 7.4	9.5 9.7 8.6 8.9 8.7	3.5 6.6 4.8 6.7 5.9	7.1 7.9 7.4 8.0 7.2
6 7 8 9 10	9.0 7.9 7.9 9.1 8.6	4.9 6.2 6.5 6.9 5.1	7.6 7.2 7.4 8.0 7.7	8.2 7.3 7.1 8.0 9.1	7.0 6.0 4.9 5.3 3.8	7.4 6.7 5.9 6.9 7.2	9.2 8.8 8.1 7.3 7.3	6.6 6.3 6.4 2.2 5.0	8.0 7.5 7.4 6.0 6.2	8.3 8.1 7.9 7.4 7.2	6.7 4.3 6.2 6.1 5.1	7.3 7.1 6.8 6.7 6.3
11 12 13 14 15	8.4 8.1 8.0 8.7 9.0	6.7 6.5 6.9 6.8 5.9	7.7 7.5 7.5 7.6 7.6	7.7 8.9 7.4 9.7	5.0 5.5 5.4 5.9	6.7 6.7 6.1 6.9	8.4 8.0 8.3	5.2 4.6 5.7	6.7 6.7 6.6 	7.5 8.2 10.3 11.7 12.0	5.6 6.1 5.6 3.4 6.7	6.6 7.1 7.2 7.7 9.4
16 17 18 19 20	8.7 7.6 9.9 8.8 8.9	6.6 6.9 6.2 6.9 6.0	7.8 7.2 7.9 7.9 7.7	9.1 9.2 11.9	0.7 4.7 4.4	7.2 6.9 7.5	 	 	 	 	 	
21 22 23 24 25	8.8 8.8 8.5 9.7 9.5	6.8 6.2 5.6 6.4 6.5	7.8 7.4 7.1 8.4 8.3	13.0 11.2 8.7 7.8 8.6	6.3 6.7 5.2 5.3 4.3	9.0 7.8 6.2 6.4 7.6	8.7 10.3 10.4	6.6 6.7 7.7	7.4 8.3 9.0	12.6 9.8 9.8 7.4	7.9 7.6 6.7 3.4	10.8 9.0 8.0 5.5
26 27 28 29 30 31	8.8 8.8 7.8 7.5 8.0	6.5 5.3 2.5 0.9 4.4	7.4 7.0 6.4 6.2 6.8	9.0 9.4 9.6 	4.3 4.1 6.6 	7.1 7.8 7.9 	9.9 9.9 10.0 8.8 8.4 9.7	7.4 6.1 1.1 3.2 2.8 1.1	8.4 7.7 6.5 7.0 6.7 6.9	6.3 6.5 6.4 5.5 7.2	1.3 0.3 3.8 4.3 4.1	3.5 3.6 5.0 4.9 5.7
MONTH	9.9	0.9	7.5									

$0208453300\ PAMLICO\ RIVER\ AT\ LIGHT\ 5--Continued$

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBE		D				JANUARY	
1 2 3 4 5	1.6 0.7 2.5 2.9 1.4	0.0 0.0 0.1 1.0 0.2	0.1 0.0 1.2 1.7 0.7	77	1.9 4.5 5.0 4.9 4.0	4.5 5.5 5.8 5.6 4.9	9.4 9.5 10.2 9.9 10.5	8.0 7.5 7.2 7.8 8.7	8.7 8.2 8.9 9.0 9.5	6.1 4.5 3.9 9.2 2.9	4.4 3.6 2.5 2.0 1.9	4.9 3.9 3.2 2.8 2.6
6 7 8 9 10	2.8 0.3 4.5 5.1 4.1	0.2 0.3 0.3 0.4 0.5	0.7 0.3 0.9 1.2 0.9	8.3 7.3 5.6 4.9 6.0	3.9 3.9 3.9 3.5 3.1	5.1 4.9 4.8 4.3 3.9	9.9 9.9 9.3 10.6 9.8	8.6 8.8 8.3 8.5 8.2	9.2 9.3 8.7 9.1 9.1	9.4 9.4 10.8 10.8 11.2	1.3 1.8 6.5 9.0 9.5	2.7 5.4 9.0 9.9 10.1
11 12 13 14 15	5.2 5.6 2.6 7.0 6.9	0.5 0.6 0.6 0.7 4.9	2.8 2.5 0.9 4.8 5.9	8.0 7.3 8.0 5.9 5.7	2.7 3.7 4.4 4.5 3.8	4.2 4.5 5.1 5.0 4.4	10.0 9.1 10.1 10.6 10.4	9.0 8.3 7.7 8.0 8.6	9.4 8.6 8.7 9.7 9.5	9.8 10.8 8.7 10.3 12.2	8.4 7.3 6.6 6.1 7.3	9.1 8.7 7.8 7.4 9.7
16 17 18 19 20	6.9 5.1 4.6 2.7 4.3	4.0 3.2 2.1 1.5 1.0	5.5 3.9 3.3 2.1 2.4	6.2 6.6 7.1 6.5 6.6	4.1 3.8 3.9 4.8 5.0	4.9 4.3 5.3 5.5 5.8	9.4 8.6 8.3 7.8 11.2	8.2 7.5 6.6 6.0 6.4	8.7 7.9 7.2 6.9 7.8	11.7 12.3 11.8 12.7 12.8	6.0 8.4 10.7 10.3 11.6	7.9 11.4 11.3 11.7 12.2
21 22 23 24 25	3.7 1.9 3.1 1.7 7.3	1.7 0.3 0.6 0.3 0.2	2.5 1.1 1.7 0.6 0.5	6.4 6.8 7.7 7.6 6.7	4.8 4.5 6.6 6.0 5.9	5.8 5.4 7.1 6.6 6.3	7.4 9.7 7.5 10.2 10.0	5.8 5.8 6.0 6.2 6.3	6.6 6.6 6.7 7.2 8.4	12.6 12.4 12.9 12.8 12.3	11.5 11.4 12.2 11.7 11.2	12.1 11.9 12.5 12.2 11.5
26 27 28 29 30 31	1.4 1.8 1.6 6.9 7.2 5.8	0.3 0.3 0.4 0.4 0.4 0.5	0.5 0.5 0.8 1.1 1.3 3.3	6.0 8.0 7.6 7.9 9.0	4.6 4.0 4.6 4.6 5.4	5.3 5.4 5.9 5.8 6.6	10.8 10.6 8.6 8.0 8.0 6.7	9.4 8.5 7.8 7.1 6.3 4.8	10.1 9.2 8.2 7.5 7.0 5.9	11.2 12.3 13.9 11.8 11.3 11.2	10.0 9.8 10.2 10.6 9.0 8.6	10.6 11.4 11.3 11.1 10.5 9.9
MONTH	7.3	0.0	1.8	9.0	1.9			4.8	8.3	13.9	1.3	8.9
		FEBRUARY			MARCH			APRIL			MAY	
1 2 3 4 5	11.1 10.0 11.8 13.2 11.1	9.7 9.0 9.2 9.5 8.9	10.5 9.5 10.1 10.7 10.2	6.6 6.6 7.0 7.5 9.5	3.2 3.4 4.2 4.1 4.7	5.2 5.8 6.2 6.2 7.1	7.8 8.2 7.8	0.6 1.2 1.8	4.3 4.4 3.8	2.4 7.8 8.6 6.7 7.6	0.4 0.4 0.5 0.5 0.6	0.7 1.9 2.6 1.7 1.8
6 7 8 9 10	13.3 12.6 9.5 8.8 13.2	6.6	9.5 8.0 8.6 7.3 8.4	8.9 6.0 3.4 3.2 4.1	3.6 2.9	4.4 4.0 3.0 2.6 2.5	8.1 8.5 8.4 8.5 9.0	2.1 2.0 1.7 3.0 7.6	4.3 7.0 6.3 7.7 8.5	9.4 4.7 6.6 4.7 4.0	0.8 0.7 0.1 0.1	6.5 1.1 0.9 0.8 0.8
11 12 13 14 15	11.0 12.9 12.2 12.7	7.6 7.1 9.4 6.9	9.1 10.1 10.6 9.2	3.6 2.5 3.6 7.4 5.3	1.8 0.7 0.6 0.9 1.0	2.4 1.7 1.3 2.6 2.0	9.3 9.3 8.2 8.9 8.5	8.5 7.7 6.9 6.7 5.8	9.0 8.8 7.4 7.5 7.5	5.5 6.2 7.0	0.1 0.1 4.4	1.4 3.2 5.5
16 17 18 19 20	 7.8	 6.7	 7.3	9.3 	1.2 	6.2	8.4 8.8 8.6 8.8 8.6	5.5 4.4 8.0 3.1 1.4	7.4 7.1 8.2 8.1 3.1	7.1 7.1 7.3 7.8 7.9	3.5 3.6 6.6 6.8 6.8	5.9 6.5 6.9 7.3 7.4
21 22 23 24 25	7.0 8.9 9.8 11.7	5.8 5.3 7.7 5.8	6.5 6.0 8.9 9.2	 	 	 	2.6 4.9 2.8 2.8 2.8	0.7 0.6 0.5 0.7 0.6	1.3 1.1 1.2 1.5 1.5	8.7 7.7 7.5 7.5 7.7	5.3 4.4 3.9 5.2 4.1	7.1 5.2 6.6 6.6 5.6
26 27 28 29 30 31	11.2 7.8 8.8 	3.8 3.4 2.5 	10.2 4.4 5.5 	 	 	 	5.6 5.8 5.4 3.8 3.9	0.8 0.8 0.5 0.4 0.3	1.4 1.4 1.0 0.6 0.6	8.0 9.4 9.1 9.3 5.6 7.5	3.7 2.9 1.8 1.0 1.0	5.1 5.8 3.4 3.7 2.0 2.8
MONTH												

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST		S	EPTEMBE	ER
1 2 3 4 5	8.0 7.4 7.7 8.2 7.7	6.0 6.3 5.7 5.2 4.9	6.8 6.9 6.2 6.2 6.6	1.6 4.4 7.1 8.5 7.8	0.5 0.6 4.0 4.9 2.6	0.6 1.5 5.3 6.1 4.8	3.8 5.1 2.4 7.2 5.7	0.3 0.0 0.0 0.0 0.0	1.4 0.6 0.2 1.2 1.1	0.4 0.5 0.5 0.1 2.8	0.1 0.3 0.0 0.0 0.0	0.3 0.4 0.3 0.0 0.1
6 7 8 9 10	6.2 6.8 7.1 7.9 6.8	4.9 4.5 4.4 1.9 1.3	5.4 5.6 5.8 5.6 3.7	7.6 7.5 6.4 7.0 6.4	2.4 2.7 4.8 3.4 1.6	4.8 5.9 5.7 4.9 3.4	7.7 2.8 4.8 6.1 6.3	0.0 0.0 0.0 0.3 0.3	1.8 0.1 1.2 2.8 2.2	0.1 7.1 6.8 7.3 7.3	0.0 0.0 0.0 0.0 5.2	0.0 1.1 3.8 5.5 6.2
11 12 13 14 15	6.8 6.8 5.1 6.5 7.0	1.6 0.0 0.1 0.2 0.3	4.3 2.0 1.4 1.9 0.5	6.7 6.7 7.7 7.5	0.6 4.2 4.2 5.3	3.8 5.5 6.2 6.4	6.7 6.8 6.7 	1.7 1.0 1.2	4.3 3.0 4.9	7.4 7.7 6.7 5.0 6.4	5.5 6.0 4.4 2.3 1.0	6.4 6.7 5.5 3.4 3.1
16 17 18 19 20	7.0 7.3 8.5 7.3 6.4	0.4 0.5 0.6 1.4 1.1	1.2 5.5 5.7 4.7 2.6	5.9 5.3 5.0	0.1 0.1 0.0	1.4 1.7 0.3	 	 	 	 	 	
21 22 23 24 25	7.6 7.3 7.3 6.8 2.3	1.0 1.5 1.7 1.7 0.5	4.1 4.3 4.7 3.4 1.6	8.1 7.1 7.0 6.2 7.4	0.0 0.1 0.8 4.1 1.3	2.1 2.4 5.3 5.2 3.5	5.6 0.1 6.5	0.0 0.0 0.0 0.0	1.8 0.0 1.3	7.2 9.4 9.4 2.3	2.2 0.6 1.3 0.0	4.4 5.0 6.1 0.5
26 27 28 29 30 31	5.5 3.1 0.3 1.5 1.7	0.2 0.1 0.2 0.3 0.4	1.7 0.6 0.2 0.5 0.5	6.3 6.9 6.6 	0.2 0.2 0.2 	3.0 3.5 2.5 	0.3 0.1 0.1 0.1 0.1 0.8	0.0 0.1 0.0 0.0 0.0 0.1	0.1 0.1 0.1 0.1 0.1 0.2	0.5 2.2 4.8 4.9 5.8	0.0 0.0 0.0 0.1 0.0	0.1 0.3 0.5 1.3 1.1
MONTH	8.5	0.0	3.7									

$0208453300\ PAMLICO\ RIVER\ AT\ LIGHT\ 5--Continued$

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

DAY	MAX	MIN	MEAN	MAX		MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBI	ER	Е	ECEMBE	R		JANUARY	
1 2 3 4 5	110 116 93 73 116	82 48 2 4 35	95 90 52 31 72	80 79 84 86 84	64 70 68 72 53	74 74 75 80 76	85 91 92 89 86	78 74 83 81 80	81 84 88 85 83	113 105 125 101 102	56 62 80 76 74	97 92 99 87 86
6 7 8 9 10	84 114 98 89 86	7 44 57 68 70	56 81 81 77 78	82 82 98 96 103	74 70 73 41 53	78 77 82 80 88	88 92 97 95 90	79 80 77 78 82	84 87 90 88 87	96 80 91 102 107	58 60 67 76 87	76 70 80 90 98
11 12 13 14 15	78 80 84 90 90	64 68 47 70 74	72 74 70 81 82	97 88 87 83 76	84 56 73 54 42	91 81 79 71 64	87 97 92 88 112	80 81 83 80 82	84 87 85 84 91	121 113 118 109 103	85 75 94 67 91	102 105 106 97 97
16 17 18 19 20	87 98 95 82 75	72 58 34 29 15	79 77 63 58 47	78 84 75 74 66	56 60 60 65 26	73 76 68 69 50	108 104 110 116 117	88 73 79 82 89	97 95 99 101 101	97 84 87 88 87	81 75 75 73 73	90 80 79 82 81
21 22 23 24 25	78 60 65 90 86	3 9 9 25 76	43 43 45 59 81	57 64 75 80 80	16 25 62 72 59	37 48 70 75 72	104 105 107 108 91	85 85 86 70 74	95 94 94 95 82	85 83 84 82	77 77 77 71	82 80 80 78
26 27 28 29 30 31	83 82 79 83 80 76	74 69 53 71 69 67	77 77 74 76 74 73	88 83 86 85 82	47 59 59 74 74	71 74 74 80 80	94 107 113 116 123 130	78 85 77 84 65 89	85 90 98 100 99 108	89 91 91 91 90	72 71 72 70 81	81 81 84 84 87
MONTH	116	2	69	103	16	73	130	65	91			
		FEBRUARY			MARCH			APRIL			MAY	
1 2 3 4 5	92 94 102 100 105	80 79 83 88 87	86 85 91 95 97	85 89 87 84 84	68 67 64 77 77	78 82 76 80 81	101 103 95	83 87 82	91 95 90	102 117 111 92 98	90 85 86 81 85	96 100 99 87 91
6 7 8 9 10	104 96 99 114 103	92 90 83 74 48	97 93 90 96 83	84 81 81 82 86	76 74 71 68 37	81 78 76 77 62	92 93 87 88 92	85 86 84 80 77	90 89 86 84 87	115 132 124 117 107	85 102 99 47 71	101 115 111 104 88
11 12 13 14 15	102 97 101 125	75 83 76 82	87 91 88 94	80 80 87 85 88	75 73 75 72 78	77 76 81 79 83	92 94 95 96 94	89 85 86 82 77	90 91 92 89 82	100 85 89 100 93	66 73 72 79 65	84 79 82 87 82
16 17 18 19 20	 117	 92	 103	95 	82 	86 	96 104 91 93 94	83 80 84 82 84	89 88 87 88 89	99 82 80 86 102	68 68 72 74 80	85 75 75 79 89
21 22 23 24 25	113 108 89 97	68 33 72 82	99 79 79 90	 	 	 	95 90 91 85 91	79 77 55 45 71	85 84 76 71 82	114 97 84 107 112	60 69 78 79 61	96 90 81 89 94
26 27 28 29 30 31	93 92 94 	86 82 83 	89 86 86 	 	 	 	116 112 118 123 119	67 71 85 109 90	82 96 103 115 107	119 114 108 111 115 106	89 48 82 85 81 70	103 101 99 99 94 91
MONTH										132	47	92

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST		S	EPTEMBE	ER
1 2 3 4 5	90 108 106 99 103	66 77 70 84 80	76 86 90 90	102 92 87 121 106	72 59 60 65 92	88 76 74 90 100	107 120 117 111 132	44 92 56 77 62	87 105 97 95 95	126 130 114 118 114	46 86 63 87 76	94 104 97 105 93
6 7 8 9 10	109 94 96 112 108	57 73 77 83 61	91 85 89 98 95	107 94 94 107 121	91 77 63 69 50	96 87 77 92 95	120 113 103 93 93	85 80 81 28 63	104 96 94 77 79	105 101 97 91 87	84 54 76 74 61	93 87 84 82 76
11 12 13 14 15	106 104 102 112 116	83 82 87 85 74	96 95 95 97 97	102 118 96 125	65 71 69 75	88 87 79 88	108 102 107 	66 58 72 	85 85 83 	88 96 121 137 144	67 72 66 40 80	78 84 84 91 113
16 17 18 19 20	111 95 126 113 113	84 86 77 87 75	99 91 99 101 98	119 118 151	9 60 56	94 88 95	 	 	 	 	 	
21 22 23 24 25	111 110 107 124 123	85 76 68 79 83	98 92 88 105 106	168 146 111 100 110	80 87 66 68 55	115 102 80 82 98	115 135 137	 85 87 99	96 108 117	152 119 119 88	93 90 80 40	129 108 96 66
26 27 28 29 30 31	114 114 101 96 104	83 67 31 11 56	95 90 81 80 87	115 124 127 	55 52 85 	90 101 102 	132 133 135 118 112 131	95 79 14 42 37 14	110 101 86 92 88 90	76 79 78 66 84 	15 4 45 50 48	41 43 60 57 66
MONTH	126	11	93									

0208453300 PAMLICO RIVER AT LIGHT 5—Continued

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

DAY	MAX	MIN	MEAN	MAX		MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBE	ER	D	ECEMBE	ER		JANUARY	
1 2 3 4 5	20 9 30 36 17	0 0 1 12 2	1 0 14 21 8	71 76 72 62 71	20 46 51 50 41	46 56 59 56 50	82 82 88 82 86	71 66 64 68 73	77 72 77 76 79	52 38 33 79 25	37 30 21 17 16	41 33 28 24 22
6 7 8 9 10	34 4 54 61 49	2 4 4 5 6	9 4 11 15 10	82 72 56 49 60	39 39 39 35 31	51 49 48 43 39	82 82 77 87 80	72 73 69 70 68	76 76 72 75 75	80 79 90 90 94	11 15 54 74 80	23 46 75 82 85
11 12 13 14 15	62 66 31 82 78	6 7 7 8 56	33 29 11 57 67	82 76 82 60 58	27 37 44 46 39	42 45 52 51 45	82 75 84 89 86	74 69 64 67 71	77 71 72 81 79	82 88 72 84 98	71 62 55 51 60	77 72 65 61 79
16 17 18 19 20	77 57 51 30 48	46 36 24 17 11	62 44 38 23 27	63 65 70 64 65	42 39 39 48 49	50 44 53 54 57	79 72 69 66 98	68 63 55 51 54	73 66 60 58 67	93 97 92 98 99	49 68 84 81 89	64 90 88 90 93
21 22 23 24 25	42 21 35 19 28	19 3 7 3 2	28 13 19 7 5	63 65 72 71 64	47 45 62 57 56	57 53 67 62 60	64 83 64 88 85	49 50 52 53 54	56 57 58 62 72	97 95 96 91	88 87 90 84	93 91 93 87
26 27 28 29 30 31	15 20 18 74 76 60	3 3 4 4 4 5	5 6 9 12 14 35	57 75 70 71 80	44 38 44 43 50	50 51 55 54 60	90 89 72 67 67 56	79 71 66 60 53 41	84 77 69 63 59 50	80 88 85 82 81	73 71 77 66 63	77 82 81 76 72
MONTH	82	0	21	82	20	52	98	41	70			
		FEBRUARY			MARCH			APRIL		•	MAY	_
1 2 3 4 5	80 73 88 107 88	71 66 68 71 68	77 70 75 82 79	57 57 60 65 85	28 29 36 35 41	45 50 53 54 62	 77 86 81	6 12 18	42 44 39	26 88 99 74 82	4 4 5 5 6	7 21 29 18 19
6 7 8 9 10	107 101 75 70 106	63 54 52 49 48	74 63 68 58 67	80 53 30 28 36	31 25 16 15 15	39 35 26 23 22	84 87 83 83 86	21 20 17 30 73	44 71 63 75 81	104 51 74 55 46	8 7 1 1	71 11 9 8 9
11 12 13 14 15	87 104 98 102	61 57 76 56	73 81 85 74	32 22 32 69 48	16 6 5 8 9	21 15 12 23 18	87 88 77 88 84	80 73 65 63 55	84 82 70 71 73	65 72 80	1 1 50	17 37 63
16 17 18 19 20	 63	 54	 59	87 	11 	57 	85 92 89 91 88	53 43 82 31 14	73 72 84 83 31	81 83 82 86 86	40 41 74 76 74	67 74 77 80 80
21 22 23 24 25	57 77 86 103	47 43 68 51	53 49 77 81	 	 	 	26 49 28 28 29	7 6 5 7 6	13 11 12 15 15	97 87 84 83 88	58 49 43 58 45	79 58 73 74 62
26 27 28 29 30 31	98 67 75 	33 29 22 	89 38 48 	 	 	 	58 61 57 40 42	8 8 5 4 3	14 14 10 6 6	90 108 104 107 63 86	41 32 20 11 11 12	58 66 39 42 22 32
MONTH												

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST		S	ЕРТЕМВІ	ER
1 2 3 4 5	91 83 88 95 91	67 71 64 59 57	77 78 70 71 77	20 55 89 108 100	6 7 50 61 33	7 19 66 76 61	49 66 31 93 73	4 0 0 0 0	18 8 2 16 14	5 6 6 1 36	1 4 0 0 0	4 5 3 0 0
6 7 8 9 10	72 80 85 96 84	57 53 52 22 15	63 66 69 68 44	98 97 83 92 84	30 34 62 44 21	62 75 73 64 44	99 36 61 78 80	0 0 0 4 4	24 2 15 36 28	1 88 84 89 88	0 0 0 0 63	0 13 47 67 75
11 12 13 14 15	84 85 64 82 89	19 0 1 2 4	53 25 17 24 7	88 87 100 95	8 54 54 67	50 72 80 80	85 86 85 	22 13 15 	54 38 62 	87 91 79 59 76	66 71 52 27 12	76 79 64 40 37
16 17 18 19 20	88 91 107 93 81	5 6 7 17 13	15 68 72 59 33	76 68 64	1 1 0	18 22 4	 	 	 	 	 	
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