

0208453300 PAMLICO RIVER AT LIGHT 5

LOCATION.--Lat 35°25'51", long 76°50'30", 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. 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 <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	19.6, August 21	<0.1, on several days during the period
SALINITY (BOTTOM), ppt	20.5, August 17, 18, 19, 20, 21	<0.1 April 12, 1990, October 22-26, 1999
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	5.9, October 23, 1999
WATER TEMPERATURE (TOP), °C	33.1, July 31, 1999	0.0, December 3, 1989
WATER TEMPERATURE (BOTTOM), °C	30.5, July 24, 1999	1.7, January 28, 2000
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, August 21	1.3, April 10
SALINITY (BOTTOM), ppt	20.5, August 17, 18, 19, 20, 21	4.6, April 6
pH (TOP), standard units	8.9, February 16	6.7, April 17, 19, 20, 21
pH (BOTTOM), standard units	8.8, February 14	6.5, April 17
WATER TEMPERATURE (TOP), °C	31.6, July 31	3.7, January 6
WATER TEMPERATURE (BOTTOM), °C	30.2, August 4	4.6, January 5, 8
DISSOLVED OXYGEN (TOP), mg/L	14.3, February 10	<1.0, April 21, July 19, 20, 26, August 1
DISSOLVED OXYGEN (BOTTOM), mg/L	14.5, February 14	<1.0, on many days during the year
DISSOLVED OXYGEN, PERCENT SATURATION (TOP),%	159, July 15	<10, April 21, July 26, August 1
DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM),%	127, February 14	<10, on many days during the year

## 0208453300 PAMLICO RIVER AT LIGHT 5--Continued

SALINITY (PARTS PER THOUSAND), TOP, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	13.0	10.2	12.0	15.7	14.4	14.9	16.1	15.1	15.6	---	---	---
2	13.0	11.8	12.3	15.7	14.6	14.9	16.0	14.8	15.4	---	---	---
3	13.5	12.4	12.8	15.0	14.5	14.7	16.8	14.8	15.8	17.5	14.5	15.7
4	15.6	12.0	12.8	15.5	13.8	14.6	16.3	14.9	15.6	17.1	13.9	15.3
5	15.6	12.1	13.1	15.3	13.9	14.6	16.9	14.7	16.1	16.4	14.9	15.7
6	15.1	12.7	13.4	15.4	14.2	14.8	17.1	14.7	16.2	17.8	15.1	15.8
7	14.5	13.3	13.8	15.3	14.0	14.4	16.5	15.2	15.8	16.7	15.6	16.1
8	16.1	14.1	14.9	16.6	13.7	14.6	17.9	15.6	16.4	16.3	15.9	16.2
9	16.3	14.7	15.4	15.5	14.1	14.5	16.4	15.7	16.1	16.1	15.2	15.8
10	15.3	14.8	15.0	15.9	14.5	14.9	17.0	16.2	16.6	15.4	13.9	14.6
11	15.4	15.0	15.2	15.9	14.9	15.5	17.4	16.7	17.0	14.7	13.3	14.1
12	15.6	15.2	15.4	16.1	15.5	15.9	17.5	16.9	17.1	14.7	13.8	14.2
13	15.5	14.8	15.1	16.2	15.8	16.1	17.1	16.1	16.7	16.1	13.5	14.3
14	15.5	15.0	15.3	16.1	15.7	15.9	16.9	15.6	16.4	15.9	14.4	14.9
15	15.5	14.9	15.3	16.4	15.7	16.0	16.5	15.0	15.6	15.0	12.4	14.0
16	15.5	15.0	15.2	16.5	15.9	16.2	17.1	15.4	16.2	17.0	11.9	13.9
17	15.0	14.2	14.5	16.3	15.5	16.0	17.1	16.1	16.6	17.1	10.6	14.1
18	16.1	14.4	15.3	16.8	15.5	16.4	16.7	16.0	16.3	18.8	11.3	14.3
19	15.3	15.0	15.2	16.7	15.6	16.1	16.7	16.3	16.4	18.9	12.4	16.2
20	15.2	14.9	15.1	16.1	15.2	15.7	16.5	16.1	16.3	16.0	12.4	13.8
21	15.5	14.6	14.9	16.5	14.7	15.4	16.3	15.9	16.2	16.1	12.6	14.6
22	15.5	14.2	14.8	17.2	14.8	15.8	16.6	15.8	16.3	14.5	12.3	13.4
23	15.5	13.9	14.6	16.9	15.3	16.0	17.1	15.8	16.6	16.9	11.1	14.0
24	16.0	13.7	14.3	16.7	15.9	16.2	17.1	16.1	16.4	15.7	10.6	12.7
25	14.4	13.7	14.0	16.3	16.0	16.1	16.1	15.2	15.7	14.2	9.7	11.6
26	14.7	13.7	14.3	16.2	15.8	16.0	15.9	15.3	15.6	13.7	7.8	11.6
27	14.5	13.3	14.2	16.3	15.5	15.9	16.8	14.5	16.0	14.2	12.1	13.1
28	15.7	13.2	14.1	16.2	15.5	15.8	16.8	16.5	16.7	14.8	12.6	13.6
29	15.6	13.6	14.3	16.3	15.0	15.5	---	---	---	17.1	11.7	14.2
30	15.4	13.8	14.3	16.7	15.5	15.9	---	---	---	17.3	10.3	14.0
31	15.9	13.8	14.9	---	---	---	---	---	---	18.2	10.6	14.6
MONTH	16.3	10.2	14.4	17.2	13.7	15.5	---	---	---	---	---	---
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	18.4	11.1	15.0	15.7	12.6	13.6	8.8	7.2	7.9	10.4	9.1	9.7
2	16.5	12.2	14.2	14.5	13.7	14.1	11.1	7.0	8.2	10.4	9.2	9.5
3	16.5	14.5	15.2	14.1	12.6	13.7	9.6	5.8	7.5	10.0	9.0	9.7
4	15.2	9.9	13.8	13.1	11.3	12.4	8.4	6.5	7.5	10.3	9.6	9.9
5	15.3	11.2	13.6	14.5	11.3	12.2	8.3	5.5	6.7	10.1	9.0	9.5
6	15.0	13.4	14.2	14.5	10.4	11.7	6.6	3.0	4.6	10.1	8.8	9.3
7	16.4	13.9	14.7	14.0	10.1	11.4	6.8	3.0	4.0	9.6	8.4	8.9
8	14.7	13.0	14.0	12.6	10.9	11.7	4.2	2.5	3.1	10.7	7.5	8.4
9	15.1	12.7	13.7	12.6	11.3	11.8	4.7	2.2	3.3	9.8	8.6	8.9
10	15.8	13.4	14.6	12.6	9.8	10.8	4.0	1.3	2.5	8.9	7.8	8.4
11	14.7	12.3	13.0	12.6	10.3	11.7	5.5	1.4	2.9	10.5	7.7	8.4
12	14.7	11.8	13.1	12.2	10.6	11.3	7.4	1.9	3.9	9.2	7.8	8.5
13	13.6	9.2	10.6	11.1	8.5	10.2	5.0	2.9	4.0	9.5	8.0	8.8
14	13.9	9.4	12.7	12.8	7.4	9.2	4.4	2.3	3.4	9.3	8.1	8.6
15	12.6	9.4	11.4	10.9	8.7	9.9	10.1	1.4	2.8	9.7	8.6	8.9
16	14.8	6.6	10.6	10.3	7.5	8.5	7.9	2.0	3.0	10.4	9.3	9.7
17	12.6	7.3	9.5	13.9	8.2	10.3	12.4	2.3	4.1	10.2	9.5	9.8
18	13.1	9.7	11.7	10.7	9.6	10.1	10.4	3.1	4.5	10.5	9.0	9.7
19	14.9	11.3	13.0	12.4	9.3	11.1	12.6	3.8	5.7	10.7	9.5	10.1
20	14.9	12.4	14.0	12.4	10.6	11.7	15.9	5.3	8.0	11.1	10.2	10.5
21	14.6	11.3	12.5	11.8	9.6	11.0	16.1	5.3	9.1	10.9	9.7	10.3
22	12.8	10.5	11.6	11.7	8.7	9.9	10.9	7.7	8.4	11.1	10.3	10.6
23	15.5	10.2	13.3	11.2	8.9	9.7	9.3	8.3	8.8	10.6	9.5	10.0
24	15.8	11.7	14.2	10.4	8.7	9.4	10.0	9.1	9.5	10.7	8.1	9.3
25	15.1	11.5	13.5	10.9	8.5	9.4	9.7	9.0	9.4	11.5	8.1	9.1
26	15.0	11.8	13.3	13.5	7.5	9.7	10.2	9.3	9.8	10.5	9.1	9.8
27	13.1	11.4	12.0	10.4	8.0	9.1	10.2	9.5	9.8	12.0	9.3	10.0
28	13.6	12.3	12.9	11.0	8.6	9.3	10.3	9.1	9.7	10.9	9.8	10.3
29	---	---	---	11.4	8.9	10.3	9.9	9.3	9.6	11.1	10.2	10.7
30	---	---	---	10.8	9.4	9.9	10.0	9.3	9.7	11.3	10.1	10.8
31	---	---	---	11.5	7.3	8.9	---	---	---	10.9	9.7	10.5
MONTH	18.4	6.6	13.1	15.7	7.3	10.8	16.1	1.3	6.4	12.0	7.5	9.6

## PAMLICO RIVER BASIN

0208453300 PAMLICO RIVER AT LIGHT 5--Continued

SALINITY (PARTS PER THOUSAND), TOP, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	10.1	9.6	9.7	13.5	12.8	13.2	17.8	14.5	15.1	17.5	16.2	16.9
2	10.7	9.4	10.0	13.5	13.0	13.1	16.2	14.8	15.5	17.3	12.3	15.9
3	11.2	9.7	10.5	13.2	13.0	13.1	16.2	15.7	15.9	17.5	14.4	16.6
4	11.2	10.4	10.8	13.3	12.8	13.1	16.7	16.1	16.2	17.7	12.8	15.9
5	11.3	10.0	10.4	13.4	13.1	13.2	16.7	16.1	16.3	18.2	10.4	14.5
6	10.6	9.3	10.0	14.3	13.1	13.5	16.4	15.9	16.2	17.9	12.0	14.2
7	10.9	9.0	9.7	13.9	13.1	13.5	16.5	16.1	16.4	14.7	12.2	13.1
8	11.8	9.8	10.9	13.7	13.3	13.5	16.7	16.3	16.5	12.5	9.8	11.9
9	11.8	10.9	11.3	13.9	13.1	13.5	16.7	16.3	16.6	11.4	8.3	9.8
10	11.6	9.9	10.7	14.6	13.1	13.5	16.8	16.4	16.6	13.0	5.9	8.8
11	12.0	9.6	10.3	14.3	13.3	13.9	16.8	16.1	16.5	8.8	6.3	8.0
12	12.4	9.6	10.2	15.1	14.2	14.7	16.7	16.1	16.4	15.7	8.1	10.5
13	12.2	9.7	10.2	15.0	13.8	14.7	16.8	15.9	16.2	14.3	9.9	11.3
14	11.2	9.5	10.3	14.8	13.5	14.1	16.8	15.8	16.3	11.6	10.5	11.0
15	10.8	9.7	10.3	14.8	13.9	14.1	16.5	16.2	16.4	11.4	10.6	11.0
16	11.7	10.0	10.6	14.8	13.2	13.6	16.5	16.1	16.3	11.6	9.7	10.5
17	12.4	10.1	11.0	14.9	12.5	13.3	16.5	16.2	16.3	10.3	7.8	8.8
18	13.7	11.2	11.9	14.9	12.4	13.3	16.5	16.1	16.3	12.2	9.9	11.0
19	12.7	11.7	12.2	16.5	12.0	12.5	16.5	15.9	16.2	11.5	9.8	10.6
20	12.8	11.7	12.5	17.0	12.3	12.7	18.9	15.7	16.2	11.6	9.5	10.3
21	12.7	12.0	12.4	16.3	12.8	13.7	19.6	15.8	16.8	10.4	8.6	9.4
22	12.3	11.8	12.1	15.7	13.9	14.9	17.9	16.7	17.1	9.8	8.4	9.1
23	12.6	11.8	12.1	14.3	13.9	14.2	17.4	16.9	17.1	9.2	7.3	8.0
24	12.2	11.3	11.7	14.2	14.1	14.1	17.5	16.7	17.0	8.4	5.6	7.3
25	11.8	10.9	11.2	14.3	13.7	14.0	18.2	16.6	17.4	10.8	7.5	9.2
26	12.0	10.9	11.3	18.8	13.7	14.4	17.9	17.1	17.5	11.5	9.2	10
27	12.3	11.3	11.6	17.5	13.8	14.4	17.8	17.2	17.5	9.5	8.3	9.1
28	13.0	11.8	12.2	15.5	14.1	14.6	17.7	17.3	17.5	9.5	5.6	7.6
29	14.3	12.6	12.8	14.7	14.0	14.2	17.5	16.9	17.3	11.4	5.9	8.7
30	13.5	12.8	13.0	14.8	14.1	14.5	17.7	17.3	17.6	10.5	8.7	9.4
31	---	---	---	15.5	14.5	14.7	17.6	17.4	17.5	---	---	---
MONTH	14.3	9.0	11.1	18.8	12.0	13.8	19.6	14.5	16.6	18.2	5.6	10.9

SALINITY (PARTS PER THOUSAND), BOTTOM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	17.2	12.3	13.6	16.4	15.4	15.8	17.7	15.7	16.4	---	---	---
2	15.3	13.9	14.6	16.2	15.1	15.7	17.7	16.1	17.2	---	---	---
3	16.0	14.7	15.6	16.6	15.0	15.7	18.4	16.2	17.5	17.5	15.9	17.0
4	16.3	14.3	15.7	16.9	15.2	16.0	18.4	16.8	17.9	17.3	14.7	16.8
5	18.4	15.5	16.9	17.1	14.2	15.6	18.6	17.7	18.3	18.1	16.3	17.4
6	19.0	13.7	17.3	16.6	14.9	15.8	18.8	17.0	18.3	18.8	15.7	17.5
7	19.6	17.5	19.1	17.2	15.3	16.6	18.8	16.0	18.6	16.9	15.7	16.3
8	19.6	14.8	18.9	18.2	16.8	17.6	18.9	18.4	18.7	16.6	16.0	16.3
9	19.1	15.3	17.1	18.4	14.2	17.8	18.7	15.7	18.0	17.1	15.6	16.5
10	18.4	15.3	17.1	18.3	17.9	18.2	18.6	17.1	18.2	17.0	15.4	16.2
11	17.1	15.2	15.8	18.3	15.3	16.7	18.4	16.7	17.3	17.6	14.5	16.3
12	17.0	15.2	15.6	18.4	15.7	16.8	18.3	16.9	17.2	17.7	17.4	17.6
13	16.8	15.4	15.9	18.6	15.7	16.9	18.2	16.9	17.5	17.6	14.0	15.8
14	16.3	15.2	15.6	17.8	16.0	17.2	18.1	17.1	17.7	16.5	15.3	16.3
15	15.8	14.9	15.3	17.5	15.6	16.2	17.7	15.2	16.8	17.7	15.3	16.5
16	15.7	15.0	15.4	17.1	15.9	16.2	17.5	15.2	16.7	18.7	17.7	18.2
17	15.6	14.3	14.7	17.1	15.5	16.1	17.1	16.6	17.0	18.9	18.0	18.5
18	16.2	14.7	15.5	16.7	15.8	16.5	16.7	15.9	16.2	19.1	18.6	18.8
19	15.9	15.2	15.5	17.3	16.3	16.7	16.5	16.1	16.4	19.2	13.9	18.5
20	15.5	15.1	15.2	16.9	15.1	16.2	16.3	15.9	16.1	19.0	13.3	17.6
21	15.6	15.1	15.4	16.7	15.0	16.3	16.2	15.8	16.0	18.7	17.5	18.4
22	15.6	14.8	15.3	17.1	16.7	17.0	16.7	16.0	16.3	18.5	17.9	18.2
23	16.0	15.2	15.6	17.1	16.0	16.7	16.9	16.7	16.8	18.5	17.7	18.3
24	16.2	14.9	15.6	16.7	15.9	16.4	16.9	16.0	16.4	18.7	14.5	17.2
25	16.1	13.9	15.3	16.1	15.9	16.0	17.2	16.1	16.6	17.1	15.1	16.5
26	15.5	13.9	14.4	16.1	15.9	16.0	17.3	15.8	16.8	17.2	16.9	17.1
27	14.6	13.3	14.3	17.1	16.1	16.3	17.9	16.2	16.8	17.1	15.9	17.0
28	16.0	13.3	14.9	16.9	15.9	16.3	16.6	16.3	16.5	17.0	16.2	16.9
29	16.2	15.3	15.9	17.2	15.8	16.9	---	---	---	17.1	16.9	17.0
30	16.1	15.7	16.0	17.1	15.9	16.5	---	---	---	17.6	16.9	17.3
31	16.1	15.2	15.9	---	---	---	---	---	---	18.5	17.5	18.1
MONTH	19.6	12.3	15.8	18.6	14.2	16.5	---	---	---	---	---	---

## PAMLICO RIVER BASIN

207

0208453300 PAMLICO RIVER AT LIGHT 5--Continued

SALINITY (PARTS PER THOUSAND), BOTTOM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	18.7	16.8	18.3	16.1	14.5	15.2	13.2	8.1	10.8	10.7	9.4	10.0
2	18.6	13.3	17.7	15.1	13.8	14.2	13.1	10.0	12.0	11.8	9.5	10.2
3	17.6	14.9	16.7	14.2	13.2	13.8	11.9	6.5	10.4	10.1	9.2	9.8
4	17.1	9.9	14.0	13.6	11.4	12.8	11.1	6.6	9.1	10.4	9.7	10.0
5	16.5	11.1	15.5	15.0	13.5	14.3	11.5	7.1	9.2	10.2	9.3	9.7
6	16.5	15.6	16.3	15.0	12.4	14.4	11.3	4.6	8.8	10.4	10.0	10.3
7	16.6	14.0	15.5	15.1	13.1	14.6	9.8	8.5	9.6	10.7	9.4	10.0
8	16.3	13.9	15.2	15.1	13.2	14.4	9.6	7.0	8.6	11.1	8.4	10.1
9	15.9	15.5	15.7	14.4	11.8	13.3	8.7	5.4	7.8	10.7	9.2	10.0
10	15.7	14.2	15.3	14.3	9.8	11.8	10.1	6.6	8.8	10.7	8.5	10.1
11	15.3	12.2	13.6	13.8	11.2	12.7	9.9	8.1	9.2	11.0	8.4	10.5
12	15.5	12.6	14.9	13.6	11.0	12.6	10.0	5.3	8.9	11.1	10.0	10.5
13	15.9	15.3	15.5	13.7	12.9	13.5	9.0	6.3	8.7	11.5	9.2	10.8
14	15.5	12.8	14.5	14.5	11.6	13.8	9.6	8.7	9.1	9.3	8.2	8.7
15	15.4	12.8	14.8	14.1	11.5	13.4	10.6	7.4	9.4	10.9	8.8	9.9
16	15.8	15.2	15.6	15.3	13.9	14.4	12.2	9.5	10.9	11.1	9.8	10.8
17	15.5	9.3	13.5	15.4	10.8	13.6	13.7	10.7	12.4	11.1	9.8	10.2
18	15.3	12.2	14.0	14.9	13.1	14.3	14.6	12.4	13.7	11.1	9.1	10.0
19	15.7	14.3	15.1	14.4	12.6	13.9	15.3	13.2	14.4	10.8	9.5	10.1
20	15.5	13.9	15.0	13.7	11.2	12.5	16.7	12.5	15.6	11.1	10.3	10.5
21	15.9	13.3	14.7	14.2	10.4	12.4	16.9	13.8	16.3	11.1	9.8	10.5
22	16.2	15.9	16.1	14.1	8.3	11.2	15.9	11.7	14.9	10.9	10.3	10.6
23	16.2	15.1	15.7	12.5	11.5	12.1	16.0	15.2	15.6	11.0	9.7	10.4
24	16.2	15.2	15.8	13.5	10.3	12.1	15.9	11.1	14.1	12.2	9.3	10.8
25	16.4	14.9	15.8	13.9	12.9	13.5	13.8	9.3	11.4	12.8	9.8	11.7
26	16.3	13.0	15.1	14.0	12.2	13.6	12.7	9.3	11.0	12.2	10.0	11.7
27	15.9	11.5	13.2	13.3	8.9	12.4	11.5	9.6	10.4	12.4	10.3	11.9
28	15.8	12.7	14.6	13.9	10.9	13.1	10.6	9.4	10.1	11.7	9.9	10.8
29	---	---	---	13.1	10.2	12.3	10.2	9.6	9.8	11.0	10.2	10.7
30	---	---	---	12.2	9.9	11.0	10.2	9.6	9.9	11.3	10.2	10.9
31	---	---	---	12.0	9.7	11.1	---	---	---	11.2	10.4	10.8
MONTH	18.7	9.3	15.3	16.1	8.3	13.2	16.9	4.6	11.0	12.8	8.2	10.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	11.7	9.8	10.5	17.1	13.2	15.9	19.0	18.2	18.9	17.5	16.8	17.0
2	12.1	9.7	10.7	16.6	13.0	15.5	18.8	17.4	18.3	17.7	16.9	17.3
3	13.1	10.4	11.9	16.5	13.1	15.2	18.0	16.1	17.1	17.8	17.5	17.8
4	12.1	10.6	11.4	16.4	13.1	15.3	16.8	16.2	16.4	18.0	17.4	17.7
5	12.0	10.4	11.2	16.1	13.3	15.5	16.9	16.3	16.6	18.6	17.8	18.2
6	13.0	10.2	11.5	16.1	13.2	14.6	16.5	16.1	16.3	18.5	17.5	18.0
7	12.8	9.3	11.3	15.7	13.7	14.7	16.6	16.3	16.4	17.9	16.1	17.7
8	12.6	10.4	11.6	15.5	13.4	14.8	16.5	16.2	16.4	18.3	15.1	17.7
9	12.0	11.0	11.5	15.0	13.5	14.4	16.5	16.3	16.4	18.0	15.7	17.7
10	12.0	10.4	11.3	15.3	13.3	13.9	16.6	16.3	16.5	17.9	9.2	15.4
11	12.0	10.7	11.5	15.3	13.5	14.1	16.5	16.1	16.4	16.3	13.4	14.9
12	12.8	10.6	11.5	15.0	14.2	14.7	16.6	15.9	16.4	16.7	15.3	16.3
13	14.4	11.0	12.5	14.9	14.1	14.7	16.7	16.1	16.3	15.7	13.9	15.3
14	13.9	10.8	13.0	14.7	13.6	14.5	16.7	15.9	16.4	14.7	13.3	14.1
15	16.5	10.7	14.7	14.8	14.0	14.3	16.7	16.2	16.4	14.7	12.3	13.6
16	16.7	15.4	16.2	15.3	14.0	14.7	16.7	16.1	16.3	15.6	12.0	14.0
17	15.9	13.9	15.5	16.3	15.2	15.8	20.5	16.1	17.7	16.7	15.6	16.4
18	15.5	13.6	14.5	16.6	14.9	15.9	20.5	19.7	20.4	16.6	14.9	16.2
19	14.3	12.0	13.5	17.2	16.1	16.6	20.5	20.4	20.5	15.5	12.0	14.7
20	12.8	12.0	12.6	18.4	17.0	17.2	20.5	18.6	20.4	15.3	11.6	14.4
21	12.7	12.0	12.4	18.5	17.5	17.9	20.5	17.7	20.0	15.7	10.4	13.2
22	12.6	11.9	12.2	18.3	14.6	17.1	19.9	17.3	19.0	15.9	11.4	14.1
23	12.7	11.9	12.3	17.9	14.0	16.9	19.4	16.9	18.0	15.9	8.0	14.0
24	13.5	11.7	12.4	19.4	15.9	18.1	19.3	17.0	18.1	15.9	14.5	15.4
25	15.0	11.6	13.8	19.3	15.3	18.4	19.0	16.8	18.1	15.4	10.9	14.3
26	15.3	13.6	14.9	19.3	16.1	18.6	17.7	17.1	17.3	14.5	10.9	12.6
27	15.3	14.1	15.2	19.0	15.2	18.0	17.4	16.9	17.2	13.7	10.9	12.4
28	16.7	13.1	15.3	18.8	15.1	18.3	17.3	17.0	17.2	14.9	11.1	13.7
29	17.8	13.1	16.7	19.0	18.1	18.6	17.8	16.8	17.3	14.8	14.0	14.5
30	17.1	14.1	16.3	19.0	18.4	18.7	17.7	17.3	17.6	14.6	12.5	14.0
31	---	---	---	19.0	18.8	19.0	17.7	17.5	17.6	---	---	---
MONTH	17.8	9.3	13.0	19.4	13.0	16.2	20.5	15.9	17.5	18.6	8.0	15.4

## PAMLICO RIVER BASIN

0208453300 PAMLICO RIVER AT LIGHT 5--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, TOP, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	8.0	7.8	7.9	---	---	---	8.1	7.9	8.0	---	---	---
2	8.0	7.8	8.0	---	---	---	8.0	7.9	8.0	---	---	---
3	8.1	7.9	8.0	---	---	---	8.1	7.9	8.0	7.9	7.8	7.9
4	8.1	7.4	7.9	---	---	---	8.0	7.9	8.0	7.9	7.8	7.9
5	8.1	7.5	7.9	---	---	---	8.1	7.9	8.0	7.9	7.8	7.9
6	8.0	7.6	7.9	---	---	---	8.1	7.8	8.0	7.9	7.8	7.9
7	7.9	7.7	7.8	---	---	---	8.1	8.0	8.1	7.9	7.8	7.8
8	8.0	7.8	7.9	---	---	---	8.1	7.9	8.1	7.9	7.8	7.8
9	8.0	7.8	7.9	8.0	7.9	8.0	8.1	8.1	8.1	7.9	7.9	7.9
10	7.9	7.8	7.9	8.0	7.9	7.9	8.1	8.0	8.1	8.0	7.9	7.9
11	7.9	7.8	7.9	8.0	7.9	7.9	8.1	8.0	8.1	8.0	7.9	7.9
12	7.9	7.7	7.9	7.9	7.9	7.9	8.1	8.0	8.1	8.0	7.9	8.0
13	7.9	7.6	7.8	7.9	7.9	7.9	8.1	8.0	8.1	8.0	7.9	8.0
14	7.9	7.5	7.7	8.0	7.9	7.9	8.1	8.0	8.1	8.1	7.9	8.0
15	7.8	7.6	7.7	7.9	7.9	7.9	8.1	8.0	8.1	8.3	7.9	8.1
16	7.8	7.7	7.7	7.9	7.9	7.9	8.1	7.9	8.0	8.3	7.9	8.1
17	7.8	7.6	7.7	7.9	7.9	7.9	8.1	7.9	8.0	8.5	7.9	8.2
18	8.0	7.7	7.8	7.9	7.8	7.9	8.0	7.8	8.0	8.5	7.9	8.2
19	7.9	7.8	7.9	8.0	7.9	7.9	8.0	7.9	7.9	8.3	7.8	8.1
20	7.9	7.7	7.8	8.0	7.9	7.9	8.1	7.9	8.0	8.3	8.0	8.2
21	7.9	7.7	7.8	8.0	7.9	7.9	8.1	7.9	8.0	8.3	8.0	8.1
22	8.0	7.7	7.8	8.0	7.9	7.9	8.1	7.9	8.0	8.3	8.2	8.2
23	7.9	7.5	7.8	7.9	7.8	7.9	8.1	7.9	8.0	8.3	7.8	8.2
24	8.0	7.5	7.8	7.9	7.8	7.9	---	---	---	8.3	7.9	8.2
25	7.9	7.7	7.8	7.8	7.8	7.8	---	---	---	8.2	7.9	8.0
26	7.9	7.6	7.7	7.9	7.7	7.8	---	---	---	8.3	7.9	8.1
27	7.8	7.6	7.7	7.8	7.7	7.8	---	---	---	8.1	7.4	8.0
28	7.9	7.7	7.8	7.9	7.8	7.8	---	---	---	7.8	7.2	7.6
29	---	---	---	7.9	7.7	7.8	---	---	---	7.9	7.1	7.4
30	---	---	---	8.0	7.8	7.9	---	---	---	7.9	7.2	7.4
31	---	---	---	---	---	---	---	---	---	7.7	7.4	7.6
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	7.9	7.5	7.7	8.1	7.8	8.0	8.3	8.0	8.2	7.5	7.0	7.1
2	8.1	7.7	7.9	8.0	7.8	7.9	8.6	7.7	8.2	7.4	7.0	7.2
3	8.2	8.0	8.1	7.9	7.8	7.9	8.8	8.0	8.4	7.6	7.2	7.3
4	8.1	7.6	7.9	8.0	7.8	7.9	8.5	7.6	8.2	7.4	7.2	7.3
5	8.1	7.6	7.9	8.2	7.8	8.0	8.8	8.1	8.4	7.6	7.3	7.4
6	8.6	7.9	8.2	8.4	7.9	8.1	8.8	8.3	8.6	8.0	7.2	7.6
7	8.5	8.0	8.3	8.5	7.9	8.3	8.7	7.1	8.0	7.9	7.5	7.8
8	8.7	8.2	8.4	8.4	8.2	8.3	8.7	7.2	8.1	8.1	7.1	7.8
9	8.7	8.3	8.5	8.3	8.0	8.2	8.4	7.0	7.7	7.9	7.4	7.6
10	8.7	8.0	8.4	8.4	7.9	8.2	7.8	7.4	7.6	7.9	7.6	7.8
11	8.5	8.2	8.3	8.2	7.8	8.0	8.3	7.1	7.7	7.8	7.0	7.6
12	8.6	8.2	8.4	8.2	8.0	8.1	8.2	6.9	7.5	8.0	7.2	7.6
13	8.7	8.3	8.5	8.4	8.0	8.2	7.8	7.3	7.5	7.8	7.3	7.5
14	8.6	8.4	8.5	8.4	7.8	8.2	8.3	7.1	7.6	7.6	7.2	7.4
15	8.8	8.3	8.6	8.4	7.9	8.1	7.9	6.8	7.5	7.7	7.1	7.5
16	8.9	7.9	8.6	8.8	8.0	8.5	7.9	6.8	7.4	7.8	7.4	7.6
17	8.6	8.0	8.3	8.7	7.7	8.1	8.0	6.7	7.3	7.7	7.4	7.6
18	8.4	7.9	8.2	8.3	7.8	8.1	8.2	6.9	7.4	7.6	7.4	7.5
19	8.7	8.1	8.4	8.1	7.7	7.9	8.1	6.7	7.4	7.7	7.3	7.5
20	8.4	8.0	8.3	7.9	7.5	7.7	8.2	6.7	7.2	7.9	7.5	7.7
21	8.5	8.1	8.4	8.1	7.5	7.7	7.9	6.7	7.3	7.9	7.6	7.7
22	8.6	8.3	8.5	8.2	7.7	7.9	7.7	7.0	7.4	7.8	7.5	7.6
23	8.6	8.1	8.3	8.1	7.4	7.7	7.7	7.2	7.4	7.9	7.6	7.7
24	8.4	8.1	8.2	8.4	7.6	8.0	7.7	7.2	7.4	8.0	7.3	7.8
25	8.4	8.1	8.3	8.2	7.5	7.9	7.4	7.2	7.3	8.0	7.5	7.8
26	8.4	8.1	8.3	8.5	7.3	7.9	7.6	7.0	7.3	7.9	7.4	7.8
27	8.4	8.1	8.3	8.5	7.8	8.1	7.5	7.1	7.3	7.9	7.2	7.7
28	8.1	7.9	8.0	8.3	7.9	8.1	7.5	7.1	7.3	7.8	7.4	7.7
29	---	---	---	8.4	7.6	8.0	7.6	7.1	7.3	7.6	7.4	7.5
30	---	---	---	8.4	7.6	8.1	7.6	7.1	7.3	7.8	7.4	7.6
31	---	---	---	8.4	7.3	8.1	---	---	---	7.9	7.4	7.6
MONTH	8.9	7.5	8.3	8.8	7.3	8.0	8.8	6.7	7.6	8.1	7.0	7.6

PAMLICO RIVER BASIN

0208453300 PAMLICO RIVER AT LIGHT 5--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, TOP, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

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

PH, WATER, WHOLE, FIELD, STANDARD UNITS, BOTTOM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

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

PAMLICO RIVER BASIN

0208453300 PAMLICO RIVER AT LIGHT 5--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, BOTTOM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

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

## PAMLICO RIVER BASIN

211

0208453300 PAMLICO RIVER AT LIGHT 5--Continued

WATER TEMPERATURE, DEGREES CELSIUS, TOP, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	19.5	18.5	19.1	15.9	14.8	15.4	18.2	16.3	17.1	---	---	---
2	20.0	18.3	19.3	16.5	15.3	15.9	17.6	16.5	17.2	---	---	---
3	20.4	19.5	19.8	17.0	16.0	16.5	16.5	15.8	16.1	6.7	4.8	5.5
4	21.4	19.8	20.3	17.6	16.5	17.2	16.3	15.1	15.6	5.3	4.2	4.8
5	21.3	20.2	20.6	17.4	15.7	16.6	16.2	15.0	15.8	4.8	3.9	4.4
6	21.5	20.7	21.1	15.8	14.9	15.2	16.6	15.9	16.2	5.6	3.7	4.7
7	20.9	19.6	20.1	15.1	13.8	14.5	16.8	15.8	16.3	5.6	5.1	5.3
8	19.8	18.4	18.9	15.1	14.1	14.5	16.5	16.1	16.3	5.3	4.4	5.0
9	18.4	17.2	17.7	14.8	14.1	14.5	16.5	15.4	16.2	4.9	4.1	4.6
10	18.5	17.2	17.8	14.7	13.8	14.4	15.4	14.6	14.9	6.1	4.6	5.2
11	19.1	17.8	18.5	14.9	14.1	14.4	15.1	14.7	14.9	6.8	5.8	6.2
12	20.4	18.6	19.2	14.3	13.6	14.0	15.2	14.9	15.1	6.6	5.8	6.2
13	20.0	19.0	19.5	13.8	13.1	13.4	15.3	14.9	15.0	7.2	6.2	6.6
14	20.6	19.0	19.8	14.1	13.1	13.4	15.9	15.0	15.3	6.8	6.0	6.5
15	20.8	19.9	20.3	14.3	13.4	13.8	16.0	15.1	15.7	7.6	6.5	7.1
16	20.7	19.9	20.3	14.8	13.7	14.2	15.3	14.4	14.8	7.4	6.7	7.0
17	20.4	18.2	19.0	14.7	13.9	14.3	15.1	14.1	14.7	8.2	6.8	7.4
18	18.7	17.8	18.2	15.2	13.9	14.4	15.1	14.6	14.9	8.5	7.2	7.8
19	18.0	17.2	17.5	14.9	14.1	14.4	14.7	14.1	14.3	8.2	7.1	7.6
20	19.5	17.5	18.1	15.0	14.4	14.7	14.1	12.9	13.5	7.9	7.3	7.5
21	19.2	17.9	18.5	14.4	13.5	13.9	12.9	10.4	11.7	7.6	7.0	7.3
22	20.3	18.5	19.0	14.3	12.5	13.7	11.4	10.0	11.0	7.9	6.8	7.2
23	20.1	18.9	19.3	14.4	13.0	13.7	11.7	10.0	11.2	8.6	7.5	7.8
24	22.2	19.4	20.3	14.8	13.8	14.2	11.8	11.3	11.6	10.0	8.2	9.0
25	22.2	20.8	21.7	15.1	14.4	14.6	11.4	10.4	10.8	10.4	9.5	10.0
26	20.8	18.3	19.9	15.2	14.8	15.0	11.2	9.6	10.2	9.9	8.7	9.3
27	18.7	16.2	17.8	15.5	14.8	15.1	10.1	9.1	9.5	9.8	9.4	9.6
28	16.5	15.1	15.9	16.0	14.9	15.5	9.4	8.6	8.9	9.8	9.6	9.7
29	15.4	13.8	14.8	16.2	15.3	15.8	---	---	---	10.1	9.5	9.7
30	15.4	14.0	14.7	16.6	15.3	16.0	---	---	---	12.6	9.6	10.7
31	15.8	14.3	15.1	---	---	---	---	---	---	13.8	9.4	11.3
MONTH	22.2	13.8	18.8	17.6	12.5	14.8	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	14.3	10.8	12.6	9.6	7.8	8.7	18.4	17.0	17.7	22.6	20.4	21.1
2	14.1	11.4	12.8	9.7	8.3	8.7	18.6	17.0	18.1	23.4	21.0	21.9
3	11.5	10.7	11.1	11.0	9.4	10.2	20.0	18.4	19.0	23.3	22.2	22.6
4	10.8	8.9	10.2	10.8	9.8	10.5	19.2	17.5	18.1	22.5	20.6	21.6
5	9.1	7.9	8.4	10.1	8.8	9.5	18.0	16.4	16.9	21.0	19.8	20.3
6	8.4	7.2	7.6	10.4	8.8	9.5	17.0	15.1	16.1	20.6	19.1	19.8
7	8.8	7.4	8.0	11.2	9.6	10.2	16.4	14.4	15.1	22.2	20.3	21.1
8	9.1	7.8	8.3	12.1	10.5	11.2	16.5	14.5	15.6	24.8	21.2	22.4
9	9.2	8.2	8.6	13.2	11.3	12.2	17.9	15.9	16.9	24.8	22.3	23.6
10	9.4	8.3	8.9	14.3	12.9	13.7	17.9	17.1	17.4	26.7	23.6	24.8
11	10.1	9.4	9.8	13.4	12.5	12.8	18.1	16.4	17.2	26.1	22.8	24.7
12	10.5	9.3	9.9	13.0	12.1	12.6	18.9	17.2	17.8	25.1	23.1	24.0
13	10.3	9.4	9.7	13.6	12.8	13.1	19.6	18.3	18.6	25.4	23.7	24.3
14	10.2	9.1	9.6	14.4	13.0	13.5	21.1	18.6	19.7	24.2	22.1	23.2
15	9.9	8.7	9.1	16.0	13.9	14.8	21.6	17.0	20.3	22.9	21.2	22.1
16	10.2	9.3	9.8	17.5	15.5	16.6	22.9	18.7	20.8	23.5	21.2	22.1
17	10.3	9.3	9.9	17.3	14.8	16.0	23.8	17.2	21.4	23.4	21.4	22.2
18	9.7	8.4	9.1	15.4	14.4	15.1	24.3	19.9	22.4	22.8	21.9	22.5
19	10.1	8.5	9.3	15.1	14.4	14.8	23.8	19.4	22.9	22.0	20.9	21.4
20	10.4	9.1	9.8	15.6	14.5	15.0	24.7	18.3	21.8	20.9	20.2	20.6
21	12.5	10.3	11.4	15.6	14.7	15.1	24.0	18.3	22.1	20.6	19.4	20.1
22	12.5	11.8	12.1	14.7	13.6	14.2	24.0	21.9	23.2	20.1	19.2	19.7
23	12.3	10.2	11.1	14.0	12.6	13.5	23.1	21.3	22.3	20.4	18.7	19.3
24	10.6	9.3	10.1	14.4	12.5	13.4	21.9	20.5	21.1	22.4	19.0	20.3
25	10.9	9.2	9.9	15.0	13.4	13.9	21.0	20.3	20.6	22.6	20.2	21.0
26	11.7	10.1	11.0	16.2	13.9	15.0	20.8	19.8	20.3	23.4	21.4	22.2
27	11.5	10.2	11.2	16.4	15.5	16.0	20.1	19.6	19.9	23.9	20.7	23.1
28	10.2	8.9	9.5	15.8	14.6	15.1	21.8	19.6	20.3	24.4	22.6	23.3
29	---	---	---	15.9	15.0	15.4	22.1	20.8	21.3	24.1	23.0	23.5
30	---	---	---	17.2	15.6	16.2	21.9	20.7	21.1	24.9	23.4	24.0
31	---	---	---	17.8	16.5	17.1	---	---	---	26.2	24.0	24.8
MONTH	14.3	7.2	10.0	17.8	7.8	13.3	24.7	14.4	19.5	26.7	18.7	22.2

## PAMLICO RIVER BASIN

0208453300 PAMLICO RIVER AT LIGHT 5--Continued

WATER TEMPERATURE, DEGREES CELSIUS, TOP, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN				
		JUNE				JULY				AUGUST				SEPTEMBER		
1	27.4	24.7	25.6	28.9	27.7	28.2	30.5	29.2	30.1	27.1	26.8	26.9				
2	27.7	25.6	26.5	29.0	27.3	28.1	31.0	29.8	30.3	27.0	25.3	26.5				
3	27.4	26.3	26.7	29.6	27.8	28.6	30.2	29.5	29.9	26.7	25.6	26.5				
4	27.4	25.8	26.6	30.5	28.5	29.1	30.1	29.1	29.6	27.3	26.0	26.4				
5	27.8	26.4	26.8	30.3	28.9	29.3	30.1	29.1	29.5	27.3	26.3	26.7				
6	28.8	26.7	27.5	29.7	28.5	29.0	29.8	28.8	29.3	27.8	25.7	26.9				
7	27.8	26.3	27.3	29.3	27.9	28.5	28.8	28.0	28.3	27.4	25.9	26.5				
8	26.3	25.0	25.5	29.7	27.8	28.5	28.1	26.9	27.6	26.6	25.6	26.2				
9	26.0	24.2	24.9	29.6	27.8	28.5	27.9	26.5	27.2	26.1	25.4	25.7				
10	25.8	24.3	24.9	29.2	27.9	28.5	27.9	26.6	27.2	25.6	25.0	25.4				
11	26.8	25.0	25.7	28.5	27.5	28.0	28.6	26.8	27.3	26.1	24.8	25.4				
12	27.9	25.2	26.4	27.9	26.6	27.2	29.1	26.8	27.2	26.0	24.7	25.3				
13	29.1	26.1	27.5	27.1	26.2	26.6	29.2	27.1	27.7	25.8	24.3	25.2				
14	28.0	27.1	27.5	27.1	26.5	26.8	28.1	27.2	27.5	25.7	24.8	25.3				
15	28.2	26.4	27.3	29.3	26.7	27.2	28.3	27.5	27.9	25.9	24.9	25.3				
16	28.7	26.4	27.2	29.5	26.8	28.1	28.4	27.4	27.9	26.2	25.4	25.8				
17	27.9	26.8	27.2	29.0	28.1	28.5	28.9	27.8	28.3	26.8	25.7	26.0				
18	27.1	26.4	26.6	29.5	27.8	28.8	29.8	27.9	28.7	26.5	26.0	26.2				
19	26.5	26.0	26.3	30.2	27.3	29.2	30.2	28.7	29.2	26.9	25.1	25.9				
20	26.3	25.7	25.9	31.0	27.4	30.0	29.8	28.5	29.0	27.7	25.4	26.2				
21	25.9	25.5	25.7	29.8	28.1	28.9	29.4	28.1	28.7	27.1	25.6	26.3				
22	26.4	25.3	25.8	29.2	28.5	28.9	30.8	28.1	28.9	27.5	25.8	26.6				
23	27.3	25.5	26.2	29.3	28.4	28.8	30.1	28.3	29.0	27.4	26.5	26.9				
24	28.3	26.0	26.9	28.9	28.4	28.6	30.6	28.8	29.3	26.6	25.8	26.2				
25	29.1	27.1	27.8	29.0	28.0	28.4	29.7	28.5	29.1	26.1	24.9	25.4				
26	28.9	27.7	28.2	29.6	27.7	28.4	29.1	28.4	28.7	25.9	24.6	25.2				
27	28.1	27.6	27.8	29.1	28.1	28.5	29.0	28.2	28.5	26.0	25.0	25.5				
28	28.1	26.9	27.4	30.6	28.0	29.0	28.4	27.9	28.1	26.5	25.6	26.0				
29	29.2	26.9	27.5	31.1	29.2	30.1	28.4	27.5	27.8	26.2	24.6	25.5				
30	29.2	27.3	28.1	31.3	29.7	30.5	28.0	27.6	27.8	25.4	24.4	25.0				
31	---	---	---	31.6	30.3	30.7	27.6	27.1	27.3	---	---	---				
MONTH	29.2	24.2	26.7	31.6	26.2	28.6	31.0	26.5	28.5	27.8	24.3	26.0				

WATER TEMPERATURE, DEGREES CELSIUS, BOTTOM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	
		OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	22.5	18.9	19.9	15.9	15.5	15.7	16.5	15.4	15.9	---	---	---	
2	20.1	19.8	20.0	16.2	15.8	15.9	16.7	15.4	15.8	---	---	---	
3	20.2	19.9	20.0	16.5	16.1	16.3	16.5	15.6	15.8	6.7	5.4	6.4	
4	20.2	19.8	20.1	17.4	16.3	16.6	16.2	15.7	15.9	5.9	4.7	5.4	
5	20.1	19.9	20.0	17.0	16.3	16.6	16.0	15.8	15.9	5.8	4.6	5.3	
6	21.2	20.0	20.2	16.4	15.0	15.5	16.4	15.9	16.0	5.8	5.0	5.6	
7	20.4	20.1	20.1	15.5	14.7	15.4	16.5	16.0	16.2	5.8	5.2	5.4	
8	20.2	18.4	19.9	15.5	15.2	15.4	16.3	16.1	16.2	5.3	4.6	5.0	
9	19.8	17.6	18.5	15.5	14.3	15.3	16.4	16.2	16.3	5.2	4.8	5.0	
10	19.8	17.7	19.0	15.5	15.3	15.4	16.2	15.1	15.9	5.7	4.9	5.4	
11	19.3	18.1	18.8	15.4	14.2	14.8	16.0	14.8	15.2	6.9	5.4	6.0	
12	19.5	18.6	18.9	15.4	13.9	14.6	15.8	14.9	15.2	6.3	5.9	6.1	
13	19.5	19.1	19.3	15.1	13.1	14.0	15.8	15.0	15.4	7.1	6.2	6.6	
14	20.1	19.2	19.6	15.0	13.4	14.4	15.8	15.2	15.6	6.8	6.7	6.7	
15	20.8	19.8	20.2	14.7	13.4	14.0	15.9	15.4	15.7	7.2	6.8	6.9	
16	20.7	19.9	20.2	14.7	13.8	14.2	15.8	14.4	15.1	6.9	6.7	6.8	
17	20.3	17.4	18.9	14.8	14.1	14.5	15.2	14.9	15.2	7.1	6.8	7.0	
18	18.9	17.8	18.4	14.6	14.1	14.3	15.1	14.6	14.9	7.3	6.9	7.1	
19	18.5	17.2	17.6	14.9	14.4	14.7	14.7	14.1	14.4	8.1	7.0	7.2	
20	18.1	17.5	17.8	14.9	14.6	14.8	14.1	12.9	13.5	7.6	7.3	7.5	
21	18.7	17.9	18.2	14.9	13.8	14.3	12.9	10.0	11.6	7.7	7.4	7.5	
22	19.0	18.6	18.7	14.4	14.2	14.3	11.6	10.9	11.3	7.8	7.6	7.7	
23	19.2	18.9	19.0	14.5	13.9	14.3	11.6	11.3	11.5	7.8	7.7	7.8	
24	19.5	19.1	19.2	14.5	14.1	14.4	11.8	11.4	11.6	9.8	7.8	8.5	
25	21.7	19.4	20.3	14.6	14.3	14.5	12.0	10.6	11.4	9.8	9.1	9.5	
26	20.8	18.5	19.8	14.9	14.6	14.8	11.5	10.3	10.8	9.2	8.9	9.0	
27	18.6	16.2	17.8	14.9	14.6	14.8	11.2	9.5	10.1	9.4	8.9	9.2	
28	17.3	15.7	16.4	15.1	14.7	14.9	9.5	8.6	8.9	9.4	9.2	9.3	
29	16.5	15.1	15.8	15.7	14.8	14.9	---	---	---	9.5	9.3	9.4	
30	15.6	15.3	15.5	16.1	14.9	15.3	---	---	---	9.7	9.3	9.5	
31	15.7	15.1	15.6	---	---	---	---	---	---	9.8	9.3	9.5	
MONTH	22.5	15.1	18.8	17.4	13.1	15.0	---	---	---	---	---	---	

PAMLICO RIVER BASIN

0208453300 PAMLICO RIVER AT LIGHT 5--Continued

WATER TEMPERATURE, DEGREES CELSIUS, BOTTOM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	12.4	9.5	10.3	9.5	8.9	9.3	17.4	16.2	16.7	21.1	20.4	20.8
2	13.7	10.6	11.5	9.4	8.3	8.8	17.6	16.2	16.7	22.9	20.8	21.6
3	11.5	10.8	11.2	10.7	9.4	10.1	19.6	16.7	17.4	22.9	22.2	22.5
4	11.1	8.9	10.3	10.7	10.2	10.4	19.2	17.5	18.0	22.6	20.6	21.6
5	9.5	8.3	9.0	10.2	9.2	9.7	17.8	16.4	17.1	21.0	19.8	20.3
6	9.0	8.7	8.9	9.6	8.9	9.5	17.5	16.2	17.0	20.3	19.9	20.1
7	9.0	8.0	8.6	10.0	9.4	9.6	17.1	16.4	16.9	21.8	20.1	20.6
8	8.5	7.9	8.2	10.2	9.6	9.8	16.9	16.3	16.6	21.8	20.9	21.3
9	8.4	8.1	8.3	13.3	9.9	10.8	17.0	16.5	16.7	23.1	21.2	22.0
10	9.5	8.3	8.6	14.0	10.9	13.0	16.9	16.1	16.6	23.8	21.5	22.4
11	10.2	9.1	9.7	13.0	12.4	12.7	17.2	16.3	16.5	24.6	22.0	22.5
12	10.1	9.6	9.7	12.7	12.2	12.5	18.1	16.4	16.8	22.9	22.5	22.6
13	10.1	9.6	9.8	12.6	12.4	12.5	17.8	16.8	16.8	24.7	22.5	23.1
14	10.0	9.4	9.7	13.3	12.2	12.4	17.0	16.8	16.8	24.3	22.1	23.1
15	9.9	9.2	9.8	13.3	12.5	12.7	17.7	16.9	17.1	22.7	21.7	22.2
16	9.9	9.8	9.8	13.7	12.6	12.9	17.5	17.1	17.4	22.3	21.9	22.0
17	10.0	9.8	9.9	15.5	13.6	14.2	17.5	17.2	17.4	22.6	21.3	22.0
18	9.9	8.8	9.3	14.5	14.1	14.2	18.1	17.3	17.7	22.7	22.0	22.4
19	9.7	9.0	9.4	14.9	14.2	14.5	18.2	17.6	17.9	22.1	20.8	21.4
20	10.4	9.1	9.5	15.6	14.4	14.8	19.4	18.1	18.4	20.9	20.1	20.5
21	10.6	9.8	10.4	15.7	14.6	14.9	20.2	18.8	18.9	20.8	19.3	20.2
22	10.6	10.2	10.3	14.9	13.8	14.2	21.1	18.8	19.3	20.1	19.3	19.7
23	10.8	10.1	10.6	14.2	13.9	14.0	19.5	19.2	19.3	20.0	18.8	19.1
24	10.6	9.7	10.1	14.0	13.1	13.8	20.9	19.2	19.9	19.7	19.2	19.4
25	10.6	10.3	10.4	13.9	13.7	13.8	20.8	19.9	20.4	20.8	19.4	19.6
26	11.9	10.4	10.7	14.6	13.8	13.9	20.6	20.0	20.2	21.3	19.8	20.2
27	11.4	10.2	11.0	16.2	14.2	14.6	20.2	19.8	20.0	23.0	19.9	20.5
28	10.2	9.1	9.4	15.4	14.3	14.5	21.3	19.9	20.4	23.4	21.2	22.2
29	---	---	---	15.6	14.6	14.8	22.0	20.6	21.2	23.9	22.5	23.4
30	---	---	---	17.1	15.2	15.8	21.6	20.7	20.9	24.5	23.4	24.0
31	---	---	---	16.8	15.7	16.3	---	---	---	25.3	24.0	24.4
MONTH	13.7	7.9	9.8	17.1	8.3	12.7	22.0	16.1	18.1	25.3	18.8	21.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	26.2	24.4	24.8	28.0	26.4	26.9	28.7	28.2	28.4	27.1	26.7	26.9
2	27.0	25.0	25.7	27.7	26.5	26.9	29.4	28.4	28.7	27.0	26.3	26.6
3	26.5	24.9	25.3	28.0	26.6	27.1	30.0	28.7	29.3	26.4	26.2	26.3
4	26.1	25.0	25.6	28.6	26.7	27.4	30.2	29.1	29.6	26.4	26.2	26.3
5	26.9	25.1	25.9	29.5	26.9	27.6	30.1	29.0	29.4	26.5	26.2	26.3
6	26.9	25.5	25.9	29.2	27.4	28.3	29.7	28.8	29.3	26.6	26.3	26.4
7	27.6	25.7	26.5	28.8	27.6	28.2	28.8	27.9	28.3	26.8	26.4	26.4
8	26.3	25.1	25.4	28.3	27.7	27.9	28.1	26.8	27.5	26.4	26.2	26.3
9	25.5	24.2	24.7	28.4	27.9	28.1	27.8	26.5	27.2	26.4	26.0	26.3
10	25.1	24.4	24.7	29.1	27.7	28.4	27.6	26.6	27.1	26.3	25.5	25.9
11	25.8	24.6	25.0	28.6	27.5	28.1	28.0	26.7	27.1	25.6	25.5	25.5
12	26.3	24.9	25.4	27.7	26.6	27.1	27.3	26.7	27.0	25.5	25.4	25.4
13	26.1	25.2	25.5	27.1	26.3	26.6	27.9	26.9	27.2	25.5	25.5	25.5
14	27.2	25.4	25.9	27.1	26.5	26.7	27.8	27.0	27.3	25.5	25.5	25.5
15	27.1	25.5	25.8	27.1	26.7	26.9	27.9	27.5	27.7	25.5	25.4	25.5
16	25.9	25.5	25.7	27.2	26.8	27.0	28.2	27.4	27.8	25.5	25.4	25.5
17	26.4	25.8	25.9	27.0	26.8	26.9	28.4	27.3	27.6	25.4	25.3	25.4
18	26.3	25.9	26.1	27.6	26.8	27.0	27.4	27.3	27.3	25.6	25.3	25.4
19	26.4	26.0	26.1	27.4	26.9	27.1	27.8	27.4	27.5	25.7	25.4	25.5
20	26.2	25.7	25.9	27.4	27.2	27.3	28.4	27.5	27.6	26.3	25.4	25.5
21	25.9	25.5	25.7	27.7	27.4	27.5	28.9	27.7	28.0	26.1	25.4	25.6
22	26.2	25.1	25.6	28.9	27.5	27.8	28.6	28.0	28.2	25.9	25.4	25.6
23	26.2	25.4	25.8	29.2	27.5	27.8	28.7	28.1	28.4	26.9	25.5	25.8
24	26.8	25.5	26.1	28.2	27.4	27.6	29.4	28.2	28.6	25.9	25.6	25.7
25	27.0	25.5	25.8	28.2	27.4	27.6	29.1	28.4	28.8	25.9	25.5	25.7
26	26.2	25.8	25.9	28.4	27.6	27.8	29.2	28.4	28.7	26.0	25.3	25.7
27	26.8	25.9	26.0	28.4	27.8	28.0	28.7	28.2	28.4	25.8	25.4	25.6
28	27.2	26.1	26.3	28.4	27.9	27.9	28.6	28.0	28.2	25.8	25.6	25.7
29	27.5	26.2	26.5	28.1	27.9	27.9	28.1	27.6	27.8	25.8	25.6	25.7
30	27.7	26.3	26.6	28.2	28.0	28.1	27.9	27.5	27.7	25.8	25.5	25.7
31	---	---	---	28.4	28.1	28.2	27.5	27.1	27.3	---	---	---
MONTH	27.7	24.2	25.7	29.5	26.3	27.5	30.2	26.5	28.0	27.1	25.3	25.8

## PAMLICO RIVER BASIN

0208453300 PAMLICO RIVER AT LIGHT 5--Continued

OXYGEN DISSOLVED (MG/L), TOP, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	7.9	6.8	7.6	---	---	---	9.5	8.8	9.2	---	---	---
2	8.3	7.4	7.9	---	---	---	9.4	8.8	9.1	---	---	---
3	8.3	7.4	7.9	---	---	---	9.6	8.8	9.2	11.1	10.4	10.8
4	8.3	3.9	7.6	---	---	---	9.4	8.8	9.1	11.5	10.6	11.1
5	7.9	4.6	7.1	---	---	---	9.6	8.4	9.1	11.6	11.0	11.4
6	7.6	5.1	7.0	---	---	---	9.8	7.9	9.2	11.6	10.5	11.3
7	7.4	6.1	6.8	---	---	---	9.5	9.0	9.3	11.2	10.7	11.0
8	7.7	6.8	7.2	---	---	---	9.5	8.5	9.2	11.5	11.0	11.2
9	8.0	6.8	7.6	9.2	8.6	9.0	9.2	8.9	9.1	11.8	11.4	11.6
10	7.9	7.3	7.6	9.3	8.7	9.0	9.6	8.8	9.1	12.2	11.6	11.9
11	8.6	7.1	7.8	9.2	8.8	9.0	9.2	8.9	9.0	12.0	11.6	11.8
12	8.3	6.4	7.8	9.2	8.7	9.0	9.3	8.7	9.0	12.4	11.6	12.0
13	8.1	6.5	7.6	9.3	8.8	9.1	9.6	8.9	9.1	12.0	11.3	11.7
14	7.8	5.9	6.9	9.4	8.9	9.2	9.9	9.0	9.3	12.3	11.3	11.7
15	7.6	6.0	6.9	9.2	8.2	9.0	9.9	8.9	9.5	13.2	11.3	12.2
16	7.4	6.4	7.1	9.0	8.3	8.8	10.1	8.7	9.5	13.2	11.1	12.4
17	8.4	6.9	7.4	9.2	8.4	8.8	10.2	8.5	9.4	13.5	11.1	12.3
18	8.0	7.2	7.6	9.3	8.4	9.0	10.4	8.3	9.6	13.5	10.3	12.1
19	8.3	7.5	7.8	9.7	8.9	9.3	10.0	8.9	9.5	11.9	10.0	10.9
20	8.2	7.0	7.6	9.6	9.0	9.3	10.8	9.4	10.1	11.6	10.4	11.1
21	8.0	6.9	7.5	9.5	8.9	9.2	11.5	9.8	10.7	11.7	10.1	10.9
22	8.2	6.4	7.4	9.7	8.6	9.3	11.5	10.3	10.8	11.8	11.1	11.3
23	8.2	5.6	7.3	9.6	8.5	9.2	11.4	10.1	10.8	11.4	8.9	10.9
24	8.1	5.1	7.2	9.2	8.6	8.9	---	---	---	11.4	9.8	10.7
25	7.5	6.4	7.1	8.9	8.3	8.6	---	---	---	11.0	9.3	10.0
26	7.4	6.2	6.7	9.1	8.0	8.6	---	---	---	11.4	9.3	10.6
27	7.7	6.2	6.9	9.0	8.1	8.6	---	---	---	10.4	6.9	9.5
28	8.0	6.8	7.4	9.5	8.4	8.8	---	---	---	8.5	5.6	7.3
29	---	---	---	9.5	8.6	9.1	---	---	---	8.4	4.8	6.4
30	---	---	---	9.4	8.4	9.0	---	---	---	8.5	4.9	6.7
31	---	---	---	---	---	---	---	---	---	8.5	6.3	7.5
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	8.8	7.1	8.0	10.1	7.8	8.9	10.0	8.8	9.4	6.9	4.5	5.4
2	10.4	7.8	8.7	10.0	8.3	9.2	11.0	8.8	9.8	7.4	4.5	6.3
3	10.6	8.7	9.7	10.0	8.3	9.1	11.4	9.4	10.2	7.7	6.2	6.7
4	9.5	8.5	8.9	10.4	8.8	9.6	10.6	7.9	9.6	7.0	5.8	6.5
5	10.2	8.3	9.1	11.1	7.9	9.6	12.6	9.4	10.7	7.9	6.6	7.1
6	13.9	8.8	10.4	11.7	8.7	10.3	12.3	10.8	11.5	9.0	6.1	7.6
7	11.8	7.8	10.2	12.4	8.9	10.6	12.0	8.4	10.6	8.4	6.8	8.1
8	13.7	9.7	11.2	11.6	8.8	10.4	12.5	8.8	11.2	8.7	4.3	7.7
9	13.4	9.8	12.0	11.4	9.4	10.5	---	---	---	7.2	6.0	6.6
10	14.3	8.2	10.9	11.6	9.3	10.5	---	---	---	9.0	6.2	7.5
11	10.5	9.1	9.8	---	---	---	---	---	---	8.3	5.5	7.5
12	11.2	8.1	10.0	---	---	---	---	---	---	8.7	6.1	7.5
13	11.4	9.7	10.9	---	---	---	---	---	---	8.1	6.6	7.3
14	11.7	9.8	10.5	---	---	---	---	---	---	7.5	6.1	6.9
15	12.8	9.3	11.1	---	---	---	---	---	---	7.7	5.4	6.9
16	14.2	7.2	11.1	---	---	---	---	---	---	7.2	6.5	6.9
17	10.7	8.4	9.4	---	---	---	---	---	---	7.1	5.8	6.7
18	10.6	8.1	9.3	---	---	---	8.3	3.8	6.4	6.9	5.8	6.6
19	13.5	7.4	10.3	---	---	---	8.0	1.4	6.4	7.4	6.0	6.8
20	10.4	7.5	9.0	---	---	---	8.4	1.3	5.4	8.1	6.8	7.4
21	9.9	8.0	9.1	---	---	---	7.9	0.9	5.4	8.3	7.3	7.7
22	10.6	8.4	9.6	---	---	---	7.7	4.2	6.5	7.9	6.9	7.4
23	9.8	7.6	8.8	---	---	---	7.8	6.1	6.9	8.3	7.2	7.7
24	8.6	7.8	8.2	---	---	---	7.6	6.1	6.7	8.6	5.8	8.0
25	8.9	7.7	8.4	---	---	---	6.9	6.0	6.5	8.8	6.8	8.0
26	9.8	7.6	8.6	10.3	7.6	9.1	7.6	5.2	6.4	8.6	6.5	7.9
27	10.0	8.5	9.3	9.3	8.5	8.8	7.2	5.7	6.8	8.3	5.1	7.6
28	10.4	8.4	9.1	9.6	8.5	9.1	7.4	5.6	6.6	7.7	5.9	6.9
29	---	---	---	10.6	8.0	9.2	7.4	6.0	6.7	6.7	5.8	6.2
30	---	---	---	11.0	7.8	9.3	7.4	5.7	6.5	7.2	5.6	6.4
31	---	---	---	9.8	7.3	9.2	---	---	---	7.6	5.9	6.6
MONTH	14.3	7.1	9.7	---	---	---	---	---	---	9.0	4.3	7.1

## PAMLICO RIVER BASIN

215

0208453300 PAMLICO RIVER AT LIGHT 5--Continued

OXYGEN DISSOLVED (MG/L), TOP, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	8.4	5.6	6.9	7.9	6.2	7.0	6.9	0.6	5.5	6.8	5.1	5.9
2	7.5	4.9	6.1	7.2	5.3	6.6	7.2	4.3	5.9	6.9	4.4	5.5
3	7.4	5.2	6.2	7.8	5.6	6.8	7.1	5.1	6.1	8.3	3.2	4.6
4	7.0	5.3	6.3	8.0	6.3	6.9	6.3	5.2	5.7	7.7	2.8	4.9
5	7.9	5.3	6.6	8.2	6.3	6.9	6.5	4.8	5.6	7.0	1.6	4.4
6	8.3	6.2	7.4	7.2	5.5	6.2	7.0	5.1	5.6	8.8	2.5	6.8
7	7.7	6.3	7.1	7.9	5.5	6.2	---	---	---	8.1	6.4	7.4
8	7.7	5.9	6.8	8.8	5.9	7.2	7.4	6.1	6.7	7.9	6.7	7.4
9	7.9	6.1	7.0	9.4	6.7	7.5	7.8	6.2	7.0	7.8	6.7	7.3
10	7.9	4.8	7.0	7.4	4.7	6.5	7.3	6.2	6.8	7.7	6.5	7.2
11	8.3	3.9	7.1	6.3	4.6	5.8	7.2	5.9	6.5	---	---	---
12	8.7	2.8	6.9	7.1	5.4	6.2	7.5	5.4	6.1	---	---	---
13	8.8	2.6	7.4	6.9	5.8	6.3	7.6	5.1	6.6	---	---	---
14	7.8	6.5	7.0	6.9	5.8	6.2	6.9	5.1	6.3	---	---	---
15	8.5	5.5	7.2	12.1	5.3	6.8	7.1	6.3	6.6	---	---	---
16	8.8	5.6	7.4	7.9	4.8	6.6	7.0	5.7	6.4	---	---	---
17	7.6	4.6	6.7	7.0	5.0	5.9	7.3	6.0	6.6	---	---	---
18	6.5	1.9	5.7	9.1	5.0	7.5	7.7	5.9	6.8	---	---	---
19	6.1	4.4	5.4	10.1	0.8	7.2	7.9	6.3	7.0	---	---	---
20	6.8	5.0	5.8	8.2	0.8	6.9	7.7	3.8	6.8	8.4	6.4	7.5
21	6.8	5.8	6.2	6.7	1.7	4.8	7.3	2.7	6.2	7.5	4.3	6.8
22	7.7	6.2	6.8	5.9	2.0	3.9	7.9	4.2	6.6	7.5	5.2	6.6
23	8.1	5.1	6.8	6.7	3.2	5.3	7.8	6.3	6.8	7.3	5.6	6.5
24	8.9	6.2	7.5	6.5	4.4	5.8	7.8	5.6	6.6	7.2	4.5	6.4
25	8.3	6.7	7.4	7.2	5.3	6.2	6.7	2.7	5.3	6.8	3.0	6.1
26	7.7	6.3	7.0	8.2	0.3	6.1	5.2	3.8	4.6	7.1	3.8	6.0
27	7.4	6.2	6.7	7.3	1.3	6.1	6.2	3.6	4.6	7.6	5.6	6.8
28	7.3	5.8	6.6	8.0	4.2	6.4	5.3	3.6	4.4	8.3	6.0	7.0
29	8.3	5.2	6.8	7.8	6.1	7.0	6.5	3.4	4.8	8.2	4.8	6.7
30	8.2	6.4	7.2	7.1	5.6	6.5	6.8	4.4	5.3	9.3	6.4	7.6
31	---	---	---	7.1	4.4	6.0	6.4	4.9	5.4	---	---	---
MONTH	8.9	1.9	6.8	12.1	0.3	6.4	---	---	---	---	---	---

OXYGEN DISSOLVED (MG/L), BOTTOM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	7.7	0.3	5.7	7.9	6.5	7.2	8.7	6.8	7.6	---	---	---
2	5.9	3.6	5.0	7.6	6.3	7.0	8.2	6.1	6.8	---	---	---
3	5.3	3.8	4.8	7.8	5.6	6.4	8.5	6.2	7.2	10.6	10.1	10.2
4	5.5	3.0	3.8	8.1	5.1	6.1	8.0	6.3	6.9	11.0	10.2	10.6
5	4.4	3.0	3.6	8.2	4.5	7.1	7.8	5.9	6.5	10.9	10.3	10.5
6	7.1	2.3	3.6	8.0	7.4	7.8	8.6	5.7	6.8	11.2	10.1	10.5
7	4.4	2.2	2.9	8.1	6.8	7.2	9.3	7.0	8.1	11.1	10.4	10.8
8	7.5	0.8	2.4	7.6	6.5	7.1	8.5	7.5	8.1	11.3	10.8	11.0
9	7.8	1.8	5.5	9.0	6.7	7.2	8.5	7.5	8.0	11.6	10.7	11.1
10	7.8	2.3	4.3	7.4	6.4	7.0	8.5	6.9	7.7	11.7	10.8	11.3
11	8.1	2.1	6.2	9.0	7.0	8.1	8.6	7.0	8.1	11.8	10.5	11.1
12	8.0	2.2	7.1	9.1	5.9	7.7	8.7	6.6	8.2	11.1	10.6	10.8
13	7.4	1.5	5.3	9.2	5.9	7.9	8.5	5.0	7.1	11.8	10.3	11.2
14	6.8	2.8	5.3	9.0	6.3	7.2	8.0	5.5	6.6	11.6	10.7	11.0
15	7.3	5.9	6.9	9.3	6.2	8.4	8.9	6.1	7.3	11.6	10.4	11.0
16	7.5	5.5	6.9	9.3	7.1	8.9	8.8	5.8	7.6	11.1	10.5	10.7
17	8.0	7.1	7.4	9.4	6.2	8.8	7.8	6.7	7.2	11.0	9.6	10.4
18	8.0	7.3	7.6	9.2	8.5	8.8	8.4	7.2	7.8	10.5	10.0	10.2
19	8.4	7.2	7.9	9.1	6.0	8.0	8.0	7.0	7.5	11.2	9.4	9.9
20	8.3	6.8	7.8	9.5	6.8	8.4	8.7	7.3	8.0	10.9	9.3	9.9
21	7.2	6.4	6.8	9.1	7.4	8.6	8.9	7.8	8.4	9.7	8.5	9.1
22	7.4	6.1	6.7	8.9	7.9	8.5	9.2	8.0	8.5	9.4	8.5	8.9
23	6.8	5.5	6.0	9.0	7.8	8.6	8.7	7.7	8.2	9.2	8.4	8.7
24	7.3	4.9	5.6	8.9	8.3	8.6	9.1	7.9	8.5	10.2	7.9	8.8
25	7.4	4.5	5.7	8.7	8.1	8.5	9.0	6.9	7.9	9.5	7.4	8.3
26	7.5	5.0	6.9	8.6	8.1	8.4	9.1	6.5	7.9	7.6	7.0	7.3
27	7.8	6.8	7.3	8.7	7.1	8.0	9.0	6.8	8.1	7.1	5.7	6.3
28	8.0	7.0	7.6	8.2	7.0	7.6	9.2	8.1	8.7	5.8	4.7	5.2
29	7.9	6.6	7.5	8.3	6.6	7.3	---	---	---	6.2	5.1	5.8
30	7.8	7.2	7.5	8.4	6.6	7.5	---	---	---	7.3	5.4	6.1
31	8.1	6.7	7.5	---	---	---	---	---	---	7.9	7.2	7.7
MONTH	8.4	0.3	6.0	9.5	4.5	7.8	---	---	---	---	---	---

## PAMLICO RIVER BASIN

0208453300 PAMLICO RIVER AT LIGHT 5--Continued

OXYGEN DISSOLVED (MG/L), BOTTOM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	8.7	7.1	7.8	8.6	7.3	7.9	7.8	4.6	5.9	7.3	5.5	6.5
2	9.4	6.9	7.9	9.3	7.5	8.9	7.1	4.2	4.9	7.1	5.0	6.0
3	10.2	5.7	7.9	9.1	8.5	8.9	9.1	2.3	4.5	7.3	5.3	6.4
4	9.2	6.3	8.6	9.4	8.4	8.9	8.7	1.9	5.3	6.9	5.9	6.4
5	8.9	7.6	8.0	9.3	8.4	8.7	8.7	1.9	5.6	7.5	5.7	6.8
6	8.7	6.9	7.8	9.8	7.4	8.4	9.6	2.6	5.1	6.5	5.6	6.1
7	11.5	7.2	9.2	9.3	7.2	7.9	4.7	2.3	3.3	8.1	3.7	5.8
8	10.9	7.2	9.3	9.7	6.6	7.7	4.8	1.0	2.2	7.6	3.8	5.3
9	9.7	8.3	9.1	10.0	7.0	8.3	4.6	0.6	1.6	6.2	2.4	4.2
10	11.0	8.3	9.4	10.0	7.1	9.0	2.9	0.6	1.3	6.6	1.6	3.3
11	11.6	8.8	10.5	9.3	6.9	8.1	3.3	0.8	1.4	6.5	2.1	3.4
12	12.1	9.9	10.5	9.4	6.0	7.6	6.3	0.9	2.6	4.3	1.9	3.0
13	10.2	8.8	9.4	6.4	5.5	6.1	4.7	1.1	1.6	6.9	1.6	3.4
14	14.5	8.0	10.3	8.1	5.8	6.9	1.6	0.8	1.1	7.3	5.8	6.5
15	11.3	6.8	8.1	8.1	6.3	6.8	2.8	0.8	1.4	6.8	4.7	5.8
16	8.3	6.9	7.5	7.9	6.4	7.0	2.8	1.2	2.0	7.0	3.5	4.7
17	10.8	7.2	9.2	8.5	5.4	7.1	3.0	1.3	2.0	6.5	4.2	5.5
18	10.9	8.8	9.9	6.0	5.3	5.8	2.8	1.1	2.0	6.8	3.3	5.8
19	10.5	7.9	8.9	7.8	4.6	5.8	2.4	1.0	1.7	7.2	5.9	6.7
20	10.5	8.2	9.0	8.3	4.1	6.4	2.6	1.4	2.0	8.0	6.6	7.3
21	10.7	8.4	9.4	8.2	3.3	5.7	3.1	1.6	2.2	8.1	5.8	7.4
22	9.0	8.6	8.8	8.8	3.1	7.1	3.3	0.9	1.4	7.7	6.9	7.3
23	10.1	8.2	8.9	8.4	7.1	7.6	1.5	1.0	1.2	8.3	5.4	7.0
24	10.0	7.2	9.5	8.6	7.0	7.6	5.2	1.3	2.2	7.9	5.0	6.3
25	8.0	5.8	7.2	7.0	6.3	6.8	7.8	1.5	4.1	6.9	5.3	5.8
26	9.4	6.2	7.7	7.7	5.2	6.3	7.6	2.2	5.3	7.5	4.1	5.2
27	9.2	6.6	8.3	8.0	5.0	6.1	8.4	4.0	6.8	7.3	3.7	4.7
28	8.6	7.8	8.3	7.4	4.2	5.0	7.6	5.5	6.8	7.2	3.5	5.2
29	---	---	---	7.0	3.8	5.0	9.0	6.4	7.3	6.9	3.3	6.3
30	---	---	---	9.3	4.0	6.3	8.5	6.8	7.6	7.1	6.0	6.6
31	---	---	---	8.2	3.1	5.9	---	---	---	7.0	4.8	6.0
MONTH	14.5	5.7	8.8	10.0	3.1	7.1	9.6	0.6	3.4	8.3	1.6	5.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.1	3.6	5.3	6.6	0.2	1.7	0.5	0.1	0.2	6.3	4.7	5.4
2	7.0	3.8	5.2	6.1	0.1	1.4	1.4	0.2	0.5	5.1	4.1	4.6
3	6.7	2.9	3.8	5.2	0.2	1.3	5.9	0.5	2.7	4.3	3.2	3.8
4	6.0	2.2	3.8	5.7	0.3	1.9	---	---	---	4.2	2.2	2.9
5	6.7	0.8	3.8	6.6	0.4	1.2	---	---	---	2.8	1.4	2.0
6	6.5	1.1	2.8	6.5	0.6	3.8	---	---	---	2.4	0.2	1.1
7	7.6	0.8	3.6	5.6	0.9	3.3	---	---	---	2.4	0.0	0.1
8	7.5	0.9	5.7	7.1	0.8	2.7	7.1	6.0	6.5	0.8	0.0	0.0
9	7.3	4.0	6.0	6.5	1.8	4.3	7.4	6.0	6.7	2.7	0.0	0.1
10	7.1	3.8	5.3	6.9	3.5	5.3	7.0	6.0	6.6	5.3	0.0	2.8
11	5.3	2.1	3.3	6.4	3.0	5.6	6.5	5.6	6.1	4.4	3.0	3.5
12	6.9	2.4	3.9	7.0	4.4	6.0	6.3	5.0	5.6	3.0	1.8	2.2
13	4.9	1.4	2.3	7.1	5.9	6.4	7.2	4.8	5.8	1.9	0.1	0.7
14	5.3	0.8	1.9	6.7	4.5	5.6	6.2	4.2	5.3	1.7	0.0	0.1
15	5.4	0.2	1.0	6.2	4.2	5.4	6.0	3.9	4.9	2.7	0.0	0.2
16	1.0	0.1	0.3	5.4	2.8	4.0	6.6	4.1	5.7	0.7	0.0	0.0
17	2.7	0.1	0.4	2.8	1.2	1.8	5.9	1.0	2.9	0.0	0.0	0.0
18	0.9	0.1	0.3	2.5	0.5	0.9	1.3	0.7	0.8	0.1	0.0	0.0
19	6.0	0.1	1.9	0.8	0.1	0.4	1.5	0.5	0.7	1.4	0.0	0.1
20	7.0	5.0	6.0	0.5	0.1	0.2	3.5	0.4	0.7	6.8	0.0	0.4
21	6.9	6.0	6.5	0.3	0.0	0.1	4.4	0.6	1.2	3.8	0.1	1.1
22	7.4	4.9	6.5	4.1	0.0	0.5	5.1	0.2	1.5	2.9	0.1	0.6
23	7.7	4.0	5.9	5.7	0.0	0.7	6.6	0.6	3.5	5.9	0.1	0.7
24	7.5	2.2	5.1	1.4	0.0	0.1	6.5	0.6	3.0	0.4	0.2	0.2
25	7.0	1.2	2.2	2.2	0.0	0.3	5.9	0.9	3.3	6.1	0.2	1.0
26	2.0	1.1	1.7	3.0	0.1	0.3	4.6	3.2	4.0	4.3	0.1	1.8
27	2.8	0.7	1.1	3.6	0.1	0.5	4.7	3.4	3.8	5.2	0.0	1.4
28	4.2	0.2	1.0	4.4	0.1	0.3	4.6	3.4	3.9	4.3	0.0	0.6
29	5.0	0.2	1.1	0.2	0.1	0.1	5.2	2.3	3.7	1.0	0.0	0.4
30	4.3	0.2	0.7	0.1	0.1	0.1	5.3	4.1	4.7	3.0	0.0	0.9
31	---	---	---	0.1	0.1	0.1	6.1	4.5	5.0	---	---	---
MONTH	7.7	0.1	3.3	7.1	0.0	2.1	---	---	---	6.8	0.0	1.3

PAMLICO RIVER BASIN

0208453300 PAMLICO RIVER AT LIGHT 5--Continued

OXYGEN DISSOLVED (% OF SATURATION), TOP, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	85	73	83	---	---	---	101	90	95	---	---	---
2	92	80	85	---	---	---	98	91	95	---	---	---
3	92	82	87	---	---	---	97	90	93	88	84	86
4	93	43	84	---	---	---	95	88	92	89	84	86
5	90	51	79	---	---	---	97	86	93	90	85	88
6	86	57	79	---	---	---	100	81	94	90	83	88
7	82	67	76	---	---	---	98	91	95	89	85	87
8	83	73	78	---	---	---	97	87	94	90	85	88
9	84	72	80	91	85	89	94	90	92	92	88	90
10	84	77	81	92	85	89	95	87	90	98	90	94
11	91	76	84	91	86	88	91	88	90	98	93	95
12	92	69	84	90	85	88	92	87	90	101	93	97
13	88	70	83	90	84	87	95	89	91	98	93	95
14	85	64	76	91	85	88	100	89	93	100	92	95
15	86	67	77	89	79	87	100	90	96	110	93	101
16	83	72	79	89	80	86	99	86	94	110	91	103
17	91	75	80	90	83	86	100	84	92	115	92	103
18	86	76	81	92	82	88	104	83	95	116	86	102
19	87	78	82	96	88	91	97	87	93	100	83	92
20	89	74	81	96	88	92	104	92	98	98	87	93
21	86	74	81	91	87	89	106	88	98	97	84	90
22	89	69	79	93	84	89	105	93	98	98	92	94
23	90	60	79	92	82	89	105	93	99	97	75	92
24	92	56	80	89	84	87	---	---	---	100	86	93
25	85	72	81	88	82	85	---	---	---	98	82	89
26	80	67	74	90	79	85	---	---	---	100	81	92
27	78	66	73	90	80	85	---	---	---	91	60	83
28	81	70	75	96	84	89	---	---	---	75	50	65
29	---	---	---	97	86	92	---	---	---	74	43	56
30	---	---	---	96	84	92	---	---	---	76	43	60
31	---	---	---	---	---	---	---	---	---	82	56	69
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	84	64	75	88	67	77	106	91	99	80	51	61
2	97	74	82	88	71	80	116	92	104	86	51	72
3	97	80	88	88	73	81	125	101	111	91	71	78
4	86	73	79	94	80	86	112	83	102	81	66	74
5	87	72	78	98	69	84	133	98	111	88	73	79
6	117	73	87	104	76	90	125	110	117	100	68	83
7	98	67	86	113	79	95	119	84	105	97	76	91
8	118	82	96	107	80	95	126	88	113	105	49	89
9	116	84	103	106	86	98	---	---	---	87	70	78
10	124	70	95	112	89	101	---	---	---	112	73	90
11	93	81	87	---	---	---	---	---	---	102	64	91
12	100	72	89	---	---	---	---	---	---	106	72	90
13	101	85	96	---	---	---	---	---	---	97	80	88
14	102	86	92	---	---	---	---	---	---	88	72	81
15	112	81	96	---	---	---	---	---	---	90	62	80
16	125	64	99	---	---	---	---	---	---	84	76	79
17	95	74	83	---	---	---	---	---	---	82	67	77
18	93	70	81	---	---	---	100	42	74	81	67	76
19	116	64	90	---	---	---	95	15	74	83	69	77
20	91	67	79	---	---	---	101	14	62	91	75	83
21	93	72	84	---	---	---	93	9	63	92	80	85
22	98	78	90	---	---	---	91	48	76	87	76	81
23	92	68	80	---	---	---	91	69	79	92	77	84
24	77	69	73	---	---	---	87	68	76	99	62	89
25	78	68	74	---	---	---	77	67	72	101	76	90
26	90	68	78	103	74	90	85	57	72	99	74	91
27	91	78	85	95	86	90	80	63	74	98	57	89
28	90	73	80	97	85	91	84	62	73	90	68	81
29	---	---	---	107	80	92	85	67	76	79	68	73
30	---	---	---	114	79	95	85	63	73	86	66	77
31	---	---	---	103	75	95	---	---	---	94	71	79
MONTH	125	64	86	---	---	---	---	---	---	112	49	82

PAMLICO RIVER BASIN

0208453300 PAMLICO RIVER AT LIGHT 5--Continued

OXYGEN DISSOLVED (% OF SATURATION), TOP, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	104	70	85	102	80	90	92	8	73	85	64	74
2	95	60	76	94	67	84	97	57	79	86	55	69
3	94	65	78	103	72	88	95	68	80	102	40	57
4	89	65	79	107	82	90	83	69	75	97	35	61
5	101	66	83	108	82	91	86	63	73	89	20	55
6	106	77	95	95	72	81	91	67	74	112	31	85
7	98	78	89	103	71	80	---	---	---	101	79	92
8	95	72	83	115	76	93	94	77	85	99	82	92
9	97	74	85	124	86	97	99	77	88	96	82	89
10	97	57	85	95	61	84	94	77	86	94	79	88
11	104	47	87	80	59	74	93	75	82	---	---	---
12	111	34	86	90	68	78	98	68	78	---	---	---
13	113	33	94	87	72	79	99	65	85	---	---	---
14	99	83	89	87	72	78	89	65	80	---	---	---
15	109	68	91	159	67	86	91	81	85	---	---	---
16	113	71	93	102	61	85	91	72	82	---	---	---
17	96	59	85	90	64	77	95	77	84	---	---	---
18	82	24	71	119	64	97	102	76	88	---	---	---
19	76	55	67	134	11	94	104	82	91	---	---	---
20	84	62	72	109	11	92	101	49	89	107	79	93
21	83	71	76	89	22	62	95	34	80	95	54	84
22	95	75	84	78	26	51	106	55	86	95	64	82
23	102	62	85	87	41	69	103	81	89	93	70	82
24	113	78	95	84	57	75	104	73	87	90	55	79
25	108	85	94	94	68	80	88	35	69	84	37	75
26	99	81	90	108	3	78	67	49	60	87	47	73
27	95	79	86	96	17	79	80	47	59	94	68	84
28	93	73	84	107	55	84	68	46	57	103	74	86
29	107	67	87	105	80	93	83	44	61	100	59	82
30	107	81	93	96	74	87	87	57	68	114	78	92
31	---	---	---	97	58	81	80	62	68	---	---	---
MONTH	113	24	85	159	3	82	---	---	---	---	---	---

OXYGEN DISSOLVED (% OF SATURATION), BOTTOM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	84	4	62	80	66	73	89	68	77	---	---	---
2	65	39	55	77	64	71	85	61	69	---	---	---
3	58	42	52	80	57	66	86	62	73	85	82	83
4	61	33	42	84	52	63	81	64	70	87	82	84
5	49	33	40	85	47	73	79	60	66	86	82	83
6	80	25	40	80	75	78	88	58	69	88	81	84
7	49	24	32	80	68	72	95	71	83	88	83	86
8	80	9	26	76	65	71	87	77	83	89	85	86
9	83	19	58	89	67	72	88	76	81	91	84	87
10	82	25	46	74	64	70	85	70	78	92	86	89
11	88	23	67	88	70	80	85	71	81	97	84	89
12	87	24	77	89	59	76	86	67	81	90	85	87
13	81	17	58	88	59	77	84	51	71	97	84	92
14	74	31	58	86	63	70	80	55	66	95	88	90
15	82	65	76	90	61	82	91	62	74	96	86	91
16	83	61	76	91	70	87	87	59	76	91	87	88
17	86	77	80	93	62	86	78	67	72	90	79	86
18	85	78	81	90	84	87	84	72	77	87	83	84
19	89	76	83	90	60	79	79	69	73	95	78	83
20	88	72	83	94	67	83	83	70	77	91	78	82
21	77	68	72	89	73	85	83	70	77	81	72	76
22	80	65	72	87	78	83	84	73	78	79	71	74
23	73	60	65	89	77	84	80	71	76	77	71	73
24	80	53	61	87	81	84	84	73	78	89	67	75
25	85	49	64	86	79	83	81	64	72	83	65	73
26	81	56	75	85	80	83	81	60	71	66	61	63
27	80	73	77	86	70	79	79	62	72	61	49	55
28	81	73	78	82	70	75	80	70	75	51	42	45
29	79	68	75	84	65	72	---	---	---	54	45	50
30	79	72	75	85	66	75	---	---	---	64	47	54
31	81	68	75	---	---	---	---	---	---	69	63	67
MONTH	89	4	64	94	47	77	---	---	---	---	---	---

PAMLICO RIVER BASIN

0208453300 PAMLICO RIVER AT LIGHT 5--Continued

OXYGEN DISSOLVED (% OF SATURATION), BOTTOM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	81	62	70	75	64	69	81	47	61	82	62	72
2	87	63	72	80	65	77	74	43	51	81	56	68
3	93	52	72	81	76	79	99	24	48	86	62	74
4	82	58	77	84	75	80	94	20	56	78	68	73
5	76	66	70	81	74	77	90	20	58	84	63	75
6	75	59	67	85	65	74	98	28	53	72	62	67
7	98	63	79	83	63	69	48	24	34	92	41	65
8	92	62	79	86	59	68	50	10	23	87	42	60
9	82	71	77	94	62	76	47	7	16	72	28	48
10	96	71	81	97	66	85	30	6	13	78	18	39
11	102	76	93	89	65	77	34	8	15	79	24	40
12	108	88	92	88	56	72	67	10	27	50	22	35
13	90	77	83	60	52	58	50	12	17	83	19	40
14	127	71	91	77	55	65	16	9	11	86	68	76
15	100	60	72	78	59	64	30	9	14	78	54	66
16	73	61	67	76	60	66	29	13	21	80	40	53
17	96	64	82	86	53	69	32	14	21	75	48	63
18	94	77	86	59	52	56	29	12	21	79	38	67
19	92	69	78	78	44	57	26	10	18	81	67	76
20	92	71	79	84	40	63	28	15	22	90	73	81
21	96	75	84	82	32	57	34	18	24	90	64	82
22	80	76	79	87	31	70	37	9	16	85	76	81
23	90	74	80	81	69	74	16	11	13	91	58	76
24	89	65	85	81	68	73	58	14	24	86	55	69
25	71	52	64	68	61	66	87	16	46	77	58	63
26	88	56	70	76	51	61	85	25	59	84	46	57
27	84	59	76	81	49	60	93	44	75	85	41	52
28	76	68	72	73	41	49	85	61	76	83	40	61
29	---	---	---	70	37	49	103	71	82	82	38	74
30	---	---	---	97	40	64	96	76	85	85	71	78
31	---	---	---	84	31	60	---	---	---	84	58	73
MONTH	127	52	78	97	31	67	103	6	37	92	18	65
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	87	43	64	85	2	22	7	1	2	80	59	68
2	88	46	63	78	1	18	19	3	6	64	51	57
3	84	35	47	67	3	17	78	6	36	53	39	47
4	74	27	47	74	4	24	---	---	---	52	28	36
5	84	10	48	87	5	15	---	---	---	35	18	24
6	82	14	35	86	8	50	---	---	---	30	2	14
7	96	9	46	72	11	42	---	---	---	30	0	1
8	92	11	70	91	11	35	90	76	83	10	0	1
9	89	49	72	83	24	55	94	75	85	33	0	1
10	87	46	63	90	44	69	89	75	83	65	0	34
11	65	25	40	82	38	72	83	70	77	54	36	43
12	85	29	48	89	57	76	80	63	70	37	22	28
13	61	17	28	90	74	80	92	60	73	23	1	8
14	67	10	24	84	57	71	79	53	67	21	0	2
15	68	3	12	78	52	68	76	50	62	33	0	3
16	12	2	4	67	35	50	84	52	72	9	0	0
17	33	2	5	35	15	23	77	13	37	0	0	0
18	11	2	3	32	7	12	16	8	10	1	0	0
19	75	2	23	10	1	5	19	6	9	17	0	1
20	86	62	74	6	1	2	45	5	9	84	0	5
21	85	74	79	4	0	1	57	8	16	48	1	13
22	92	60	80	53	0	6	66	2	19	36	1	7
23	95	49	73	75	0	9	86	8	45	75	1	9
24	94	27	63	18	0	2	86	8	39	5	2	3
25	88	14	28	28	0	3	76	12	43	75	2	12
26	24	14	21	38	1	4	61	42	52	53	1	23
27	35	8	13	47	1	7	61	44	49	64	0	18
28	53	3	13	57	1	4	59	44	50	53	0	7
29	63	2	14	3	1	1	66	30	47	12	0	4
30	54	2	9	2	1	1	68	53	59	37	0	11
31	---	---	---	1	1	1	77	56	63	---	---	---
MONTH	96	2	40	91	0	27	---	---	---	84	0	16