

## 0208455155 PAMLICO RIVER AT LIGHT 3

LOCATION.--Lat 35°21'25", long 76°38'47", Beaufort County, Hydrologic Unit 03020104, on U.S. Coast Guard Channel Light 3.

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 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 7, 1999. The monitor was removed on September 15, 2003 to prevent possible destruction of the equipment during Hurricane Isabel. It was reinstalled on September 21, 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. Dissolved oxygen, minimum extremes are reported as <1.0 mg/L. Dissolved oxygen, percent saturation, minimum extremes are reported as <10%.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY (TOP), ppt	20.3, August 26, 2002	0.3, October 11, 1999
SALINITY (BOTTOM), ppt	23.0, October 6, 2002	0.5, October 11, 27, 1999
pH (TOP), standard units	9.5, April 15, 2003, August 15, 2003	6.6, October 7, 1999
pH (BOTTOM), standard units	9.2, April 14, 15, 2003, August 15, 2003	6.6, May 27, 2000, July 12, 2001
WATER TEMPERATURE (TOP), °C	33.3, August 20, 1990, July 9, 1991	0.0, January 25, 2003
WATER TEMPERATURE (BOTTOM), °C	32.6, August 1, 1999	0.6, January 25, 2003
DISSOLVED OXYGEN (TOP), mg/L	21.2, January 30, 1992	<1.0, August 5-11, 23-25, 27-31, September 2-5, 1992
DISSOLVED OXYGEN (BOTTOM), mg/L	18.0, May 3, 1991	<1.0, on many days during the period

## 0208455155 PAMLICO RIVER AT LIGHT 3—Continued

## EXTREMES FOR CURRENT YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY (TOP), ppt	19.6, October 15	0.6, April 22
SALINITY (BOTTOM), ppt	23.0, October 6	1.0, April 23
pH (TOP), standard units	9.5, April 15, August 15	7.1, March 13, 14
pH (BOTTOM), standard units	9.2, April 14, 15, August 15	6.7, March 13, 20, 28
WATER TEMPERATURE (TOP), °C	33.1, August 28	0.0, January 25
WATER TEMPERATURE (BOTTOM), °C	30.2, July 9, 10	0.6, January 25
DISSOLVED OXYGEN (TOP), mg/L	18.4, September 12	5.0, July 5
DISSOLVED OXYGEN (BOTTOM), mg/L	13.8, April 14	<1.0, on several days during the year
DISSOLVED OXYGEN, PERCENT SATURATION (TOP),%	225, September 12	63, July 5
DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM),%	142, August 24	<10, on several days during the year

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

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	16.2	15.1	15.5	16.4	13.7	15.3	16.7	15.9	16.2	13.5	10.2	11.5
2	15.9	12.1	14.0	14.9	13.6	14.2	16.7	15.5	16.0	11.0	10.4	10.7
3	12.1	10.9	11.5	16.1	14.1	15.1	16.5	15.7	16.1	11.5	10.4	11.0
4	16.1	9.8	12.1	16.1	14.8	15.3	16.7	15.8	16.4	11.8	10.4	11.2
5	14.2	12.8	13.4	15.9	15.1	15.5	16.6	15.6	16.2	10.6	7.9	9.8
6	16.3	12.8	14.1	16.5	15.7	16.0	16.7	16.0	16.4	10.0	7.3	8.5
7	16.4	14.2	15.5	17.2	15.0	16.4	16.2	14.3	15.3	12.6	9.8	10.9
8	17.1	15.5	16.1	15.4	12.7	13.9	14.5	13.4	13.9	13.5	10.2	11.6
9	17.6	16.7	17.2	14.2	12.6	13.4	15.9	13.5	15.1	13.9	13.4	13.6
10	17.8	17.1	17.4	16.5	12.6	14.5	16.9	12.6	14.4	13.7	13.4	13.5
11	18.2	16.8	17.7	18.8	13.6	15.8	16.6	11.8	13.6	13.7	13.5	13.5
12	17.3	16.4	16.8	19.0	13.7	16.8	14.7	13.0	14.0	13.5	10.9	12.6
13	17.3	14.6	16.0	17.2	16.6	16.9	15.3	13.2	14.3	---	---	---
14	17.9	14.7	16.4	17.5	11.2	15.1	15.1	14.5	14.8	12.0	10.9	11.5
15	19.6	15.9	17.5	15.3	10.9	12.2	15.3	14.0	14.7	12.7	11.2	12.4
16	19.5	16.4	17.3	17.3	13.7	15.0	14.2	13.5	13.9	13.1	12.6	12.8
17	16.9	15.5	16.5	15.9	13.7	14.5	14.4	11.4	13.6	13.3	12.8	13.1
18	16.5	14.1	15.6	15.7	12.4	14.2	13.9	12.5	13.5	13.4	12.4	13.0
19	14.7	9.2	11.6	13.0	10.7	11.8	13.7	11.7	12.5	12.9	12.5	12.7
20	13.3	9.5	12.0	10.7	8.5	9.9	15.5	10.4	12.8	13.5	12.8	13.2
21	13.2	10.9	12.1	9.7	6.4	8.9	12.4	11.1	11.7	13.5	13.1	13.4
22	13.1	11.5	12.3	14.7	6.1	9.3	12.1	11.3	11.6	13.8	13.0	13.3
23	13.0	12.1	12.4	16.1	13.1	14.7	11.5	9.3	9.9	14.1	12.2	13.4
24	18.0	12.3	15.2	15.7	13.9	14.8	13.4	8.3	9.9	13.0	10.9	12.1
25	18.3	16.0	17.4	15.1	10.6	13.7	12.4	10.7	11.7	12.7	11.2	11.7
26	16.3	15.7	16.0	14.5	9.3	12.6	12.8	10.7	11.5	11.3	9.8	10.5
27	16.3	15.0	15.9	16.0	11.2	13.5	12.8	11.0	12.0	13.4	10.5	12.1
28	17.2	15.5	16.5	14.9	10.2	12.3	11.0	10.1	10.6	12.3	11.0	11.4
29	16.8	16.1	16.6	15.4	11.3	13.2	10.4	9.8	10.1	12.5	11.1	11.8
30	16.7	16.1	16.3	16.3	14.9	15.7	12.0	10.0	11.0	12.8	11.3	12.1
31	17.5	16.1	16.8	---	---	---	11.7	10.1	10.7	12.8	11.5	12.3
MONTH	19.6	9.2	15.2	19.0	6.1	14.0	16.9	8.3	13.4	---	---	---

## PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3—Continued

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

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.6	11.3	11.9	9.0	5.0	7.6	5.6	3.9	4.5	4.8	4.6	4.7
2	13.3	11.2	12.5	9.3	5.0	6.1	5.2	4.0	4.7	4.9	4.5	4.7
3	14.6	11.3	12.6	7.3	4.1	5.6	5.0	3.3	4.2	5.5	4.6	4.9
4	16.5	13.6	14.8	---	---	---	4.4	4.0	4.3	5.9	4.7	5.3
5	15.5	14.3	14.5	---	---	---	4.7	4.0	4.3	5.8	5.2	5.5
6	15.2	14.3	14.8	---	---	---	5.0	4.0	4.4	5.7	5.0	5.4
7	14.8	14.3	14.4	---	---	---	---	---	---	5.2	4.1	4.8
8	14.7	12.9	14.2	7.7	4.8	6.4	---	---	---	4.8	3.9	4.4
9	12.9	9.7	11.6	---	---	---	---	---	---	4.8	4.1	4.4
10	13.2	8.1	11.6	7.1	2.6	3.8	---	---	---	4.8	3.9	4.3
11	13.2	11.8	12.9	9.9	5.7	7.1	---	---	---	5.0	4.1	4.5
12	13.1	12.6	12.8	---	---	---	4.9	3.8	4.3	5.4	4.7	5.1
13	---	---	---	5.3	1.9	2.9	4.3	3.1	3.6	5.6	5.2	5.4
14	13.0	10.9	11.9	6.4	2.2	4.8	4.5	3.7	4.1	5.7	5.1	5.4
15	11.7	10.3	11.2	6.4	4.4	5.6	4.5	2.6	3.7	5.7	5.3	5.5
16	12.3	10.7	11.7	7.6	6.4	6.9	2.6	1.5	1.8	5.7	5.5	5.6
17	12.5	10.6	11.6	---	---	---	2.1	1.1	1.5	6.3	5.6	6.0
18	10.8	9.3	10.1	6.7	6.4	6.6	2.1	1.3	1.6	6.7	6.0	6.4
19	11.3	8.6	9.8	7.5	6.6	7.0	2.5	1.9	2.0	6.5	5.8	5.9
20	10.5	8.4	9.3	---	---	---	2.2	1.7	1.9	6.7	5.4	5.8
21	9.5	7.9	8.9	---	---	---	1.7	1.0	1.3	6.1	5.3	5.6
22	12.2	7.5	9.6	5.6	3.1	4.6	1.3	0.6	1.0	6.0	5.5	5.7
23	12.6	10.0	11.2	3.7	2.6	3.1	2.7	1.0	1.6	5.9	5.4	5.6
24	12.1	10.8	11.3	6.4	3.7	5.1	2.9	1.6	2.3	5.6	5.0	5.3
25	12.1	10.5	11.4	5.4	3.9	4.7	5.7	2.3	3.6	5.3	4.7	5.1
26	11.8	10.2	10.8	5.3	4.3	4.7	5.1	3.8	4.1	5.1	4.4	4.6
27	11.2	9.9	10.4	6.9	5.0	6.0	4.8	4.3	4.6	4.9	4.5	4.7
28	10.6	7.9	9.5	7.1	5.7	6.4	4.8	4.3	4.5	4.7	3.9	4.4
29	---	---	---	7.0	5.3	6.1	4.5	4.3	4.4	4.1	3.2	3.7
30	---	---	---	6.6	4.5	5.4	4.8	4.3	4.5	3.5	2.5	3.0
31	---	---	---	5.9	4.9	5.3	---	---	---	3.2	2.4	2.6
MONTH	---	---	---	---	---	---	---	---	---	6.7	2.4	5.0
DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3.3	2.4	2.8	3.9	3.5	3.7	4.1	3.4	3.8	4.6	3.9	4.2
2	3.4	2.7	3.1	5.2	3.6	4.2	4.4	4.0	4.3	4.8	4.3	4.5
3	3.2	2.8	3.0	4.9	4.5	4.7	4.5	4.1	4.2	5.3	4.5	5.0
4	2.9	2.6	2.8	4.8	4.6	4.7	4.6	4.1	4.3	5.7	5.3	5.4
5	2.7	2.3	2.6	4.8	4.7	4.8	4.4	4.1	4.3	5.7	5.3	5.5
6	2.8	1.9	2.5	4.8	4.6	4.8	4.4	4.1	4.3	6.1	5.5	5.8
7	2.8	2.2	2.5	4.8	4.6	4.8	4.5	4.1	4.3	6.2	5.9	6.0
8	2.9	2.4	2.6	4.8	4.5	4.7	4.5	4.0	4.3	6.3	5.7	6.1
9	2.6	2.0	2.4	4.9	4.4	4.7	4.5	4.0	4.2	6.2	5.8	6.0
10	2.9	2.3	2.6	4.8	4.4	4.7	4.4	4.1	4.2	6.4	5.8	6.1
11	2.9	2.0	2.5	4.8	4.3	4.6	4.2	3.6	3.9	6.3	6.0	6.1
12	2.3	2.0	2.1	4.7	4.3	4.5	4.1	3.5	3.8	6.2	6.0	6.1
13	2.6	2.1	2.3	4.9	4.5	4.7	3.8	3.0	3.5	6.2	6.0	6.1
14	2.5	1.8	2.2	4.8	4.4	4.6	3.2	1.3	2.7	6.2	5.9	6.1
15	2.2	1.8	2.0	4.7	4.5	4.6	2.0	1.1	1.7	---	---	---
16	2.8	2.0	2.3	4.6	4.3	4.5	1.7	1.1	1.3	---	---	---
17	3.8	2.7	3.5	4.6	4.1	4.5	2.3	1.5	1.9	---	---	---
18	3.6	2.0	2.5	4.6	4.2	4.4	2.5	2.0	2.3	---	---	---
19	2.9	2.3	2.6	4.5	4.3	4.4	3.8	2.3	2.9	---	---	---
20	3.0	2.4	2.7	4.6	4.2	4.4	3.8	2.6	3.0	---	---	---
21	3.3	2.5	2.9	4.7	4.3	4.5	3.5	2.6	3.0	---	---	---
22	3.4	2.5	2.9	4.5	4.0	4.4	3.6	2.5	3.1	7.1	6.1	6.5
23	3.3	2.3	2.7	5.1	3.9	4.4	3.1	2.6	2.7	6.4	6.0	6.2
24	3.1	2.6	2.9	4.7	4.0	4.2	3.6	2.8	3.1	6.3	5.0	5.9
25	2.8	2.2	2.6	4.5	4.0	4.3	3.5	2.7	3.2	6.2	5.5	5.8
26	2.6	2.3	2.5	4.5	4.4	4.5	2.8	2.3	2.6	5.7	3.3	4.3
27	2.9	2.2	2.6	4.5	3.9	4.2	2.6	2.2	2.4	4.8	3.6	4.3
28	3.1	2.8	3.0	4.3	3.8	4.1	2.9	2.2	2.6	4.5	3.8	4.2
29	3.5	3.1	3.3	4.3	3.9	4.1	3.5	2.9	3.2	4.9	3.6	4.1
30	3.9	3.3	3.5	4.3	3.6	3.9	3.9	3.3	3.6	5.1	2.2	3.8
31	---	---	---	3.7	3.3	3.6	4.2	3.3	3.8	---	---	---
MONTH	3.9	1.8	2.7	5.2	3.3	4.4	4.6	1.1	3.3	---	---	---



## PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3—Continued

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

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3.3	2.5	2.8	6.4	3.7	4.4	5.5	3.9	4.7	9.3	4.1	6.4
2	3.6	3.0	3.2	7.2	3.7	4.6	6.2	4.0	4.4	8.3	4.5	5.4
3	3.5	2.8	3.1	4.9	4.5	4.7	5.3	4.1	4.3	8.6	4.9	6.1
4	3.0	2.6	2.8	4.8	4.6	4.7	8.1	4.1	4.8	5.6	5.2	5.3
5	2.7	2.3	2.6	4.8	4.7	4.8	5.7	4.2	4.5	5.7	5.3	5.5
6	4.2	2.4	2.8	4.9	4.7	4.8	5.1	4.2	4.4	6.0	5.5	5.7
7	4.3	2.5	3.2	4.8	4.6	4.8	4.9	4.3	4.6	6.2	5.8	6.0
8	3.9	2.4	2.7	4.9	4.7	4.8	4.8	4.3	4.5	6.2	5.7	6.0
9	3.6	2.4	2.6	5.0	4.5	4.7	7.0	4.2	4.9	6.2	5.7	6.0
10	3.8	2.4	3.0	5.0	4.4	4.7	4.8	4.2	4.4	6.4	5.7	6.1
11	3.1	2.1	2.6	4.9	4.4	4.6	4.6	3.7	4.1	6.3	6.0	6.1
12	2.5	2.1	2.2	4.9	4.3	4.6	4.3	3.7	3.9	6.2	6.0	6.1
13	2.7	2.2	2.3	5.0	4.6	4.7	4.0	3.4	3.7	6.2	6.1	6.1
14	2.6	1.9	2.3	4.8	4.4	4.6	3.9	2.7	3.3	9.1	6.0	6.7
15	2.2	1.9	2.0	4.8	4.5	4.6	3.1	1.6	2.4	---	---	---
16	3.1	2.1	2.5	4.8	4.4	4.6	3.4	1.4	1.9	---	---	---
17	3.7	2.7	3.5	4.9	4.4	4.6	3.4	1.7	2.2	---	---	---
18	4.4	2.7	3.2	5.1	4.3	4.5	4.1	2.2	2.7	---	---	---
19	3.8	2.4	2.9	4.6	4.3	4.4	4.4	2.4	3.4	---	---	---
20	3.3	2.4	2.9	5.0	4.4	4.6	4.5	3.0	3.5	---	---	---
21	3.4	2.7	3.0	5.0	4.4	4.6	4.0	3.0	3.3	---	---	---
22	3.6	2.6	3.1	4.5	4.1	4.4	3.6	2.6	3.2	8.3	6.4	7.4
23	3.6	2.4	2.9	5.2	3.9	4.4	3.7	2.6	2.9	7.6	6.1	6.5
24	3.3	2.9	3.1	4.9	4.0	4.5	3.9	2.9	3.2	8.6	5.9	6.8
25	3.5	2.6	3.1	4.9	4.3	4.6	4.4	2.8	3.6	6.5	5.6	6.0
26	3.3	2.5	2.8	5.1	4.3	4.8	3.3	2.5	2.9	8.0	5.0	6.2
27	4.2	2.3	2.9	4.5	4.0	4.2	4.1	2.5	2.9	8.3	5.2	7.0
28	6.2	3.0	3.6	4.2	3.8	4.1	11.0	2.6	4.5	7.1	3.8	4.8
29	9.2	3.4	6.4	8.8	3.9	4.5	10.0	3.1	4.8	5.4	3.6	4.3
30	7.5	3.7	5.1	5.2	3.7	4.3	8.9	3.4	4.0	7.1	3.7	5.6
31	---	---	---	5.7	3.6	4.4	9.7	3.8	5.1	---	---	---
MONTH	9.2	1.9	3.0	8.8	3.6	4.6	11.0	1.4	3.8	---	---	---

0208455155 PAMLICO RIVER AT LIGHT 3—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.2	8.0	8.1	7.9	7.7	7.8	8.1	8.0	8.0	8.6	8.1	8.3
2	8.2	8.0	8.2	8.0	7.7	7.9	8.2	8.0	8.1	8.6	8.3	8.5
3	8.3	8.1	8.2	8.1	7.9	8.0	8.2	8.1	8.1	8.5	8.3	8.4
4	8.3	7.8	8.1	8.2	8.0	8.1	8.1	8.1	8.1	8.6	8.4	8.5
5	8.3	7.9	8.1	8.2	8.1	8.1	8.1	8.0	8.1	8.7	8.4	8.5
6	8.2	8.0	8.1	8.1	7.9	8.0	8.1	8.0	8.1	8.7	8.4	8.6
7	8.3	8.0	8.1	8.1	8.0	8.0	8.2	8.1	8.1	8.4	8.0	8.1
8	8.2	8.0	8.1	8.3	8.0	8.1	8.2	8.1	8.2	8.4	7.9	8.1
9	8.1	7.9	8.0	8.5	8.1	8.3	8.2	8.1	8.2	8.3	7.9	8.1
10	8.1	7.9	8.0	8.4	8.3	8.4	8.2	8.1	8.1	8.2	8.1	8.2
11	8.0	7.8	7.9	8.4	8.1	8.3	8.1	8.0	8.1	8.3	8.1	8.2
12	7.9	7.8	7.9	8.4	8.0	8.2	8.1	8.0	8.1	8.6	8.2	8.4
13	8.2	7.8	8.0	8.2	8.1	8.2	8.1	8.0	8.1	---	---	---
14	8.2	7.8	8.0	8.7	8.0	8.3	8.1	8.0	8.0	8.7	8.4	8.6
15	8.0	8.0	8.0	8.6	8.2	8.4	8.2	8.0	8.1	8.7	8.4	8.5
16	8.1	7.9	7.9	8.5	8.2	8.4	8.3	8.1	8.2	8.4	8.1	8.3
17	8.0	7.7	7.9	8.5	8.2	8.4	8.4	8.1	8.3	8.2	8.1	8.1
18	8.0	7.8	7.9	8.5	8.2	8.3	8.5	8.3	8.3	8.2	8.1	8.1
19	8.3	7.9	8.1	8.5	8.2	8.4	8.4	8.0	8.2	8.3	8.1	8.2
20	8.3	8.0	8.1	8.5	7.9	8.1	8.2	7.8	8.0	8.2	8.0	8.1
21	8.2	8.0	8.1	8.3	7.7	8.1	8.1	7.9	8.0	8.1	8.0	8.0
22	8.1	7.9	8.0	7.9	7.3	7.6	8.1	8.0	8.0	8.1	8.0	8.1
23	8.2	7.8	8.0	7.8	7.6	7.7	8.2	8.0	8.1	8.0	8.0	8.0
24	8.1	7.8	8.0	8.2	7.8	7.9	8.3	7.9	8.1	8.2	7.9	8.0
25	7.9	7.7	7.8	8.2	7.9	8.1	8.0	7.7	7.9	8.1	8.0	8.1
26	8.0	7.8	7.9	8.2	7.9	8.1	7.9	7.7	7.8	8.2	8.1	8.2
27	8.1	7.8	7.9	8.1	8.0	8.1	8.1	7.8	8.0	8.2	7.9	8.0
28	8.0	7.8	7.9	8.1	7.9	8.0	8.3	8.0	8.1	8.0	7.9	8.0
29	7.9	7.7	7.8	8.1	7.9	8.0	8.3	8.3	8.3	8.0	7.9	8.0
30	7.8	7.7	7.7	8.1	7.8	8.0	8.3	8.2	8.3	8.0	7.8	7.9
31	7.8	7.6	7.7	---	---	---	8.5	8.2	8.4	8.0	7.8	7.9
MONTH	8.3	7.6	8.0	8.7	7.3	8.1	8.5	7.7	8.1	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.0	7.9	7.9	9.0	8.2	8.6	8.4	7.8	8.0	8.7	8.1	8.4
2	8.0	7.8	7.9	8.9	8.1	8.7	8.7	7.8	8.2	8.9	8.1	8.5
3	8.0	7.8	7.9	8.8	8.1	8.4	8.9	8.1	8.4	8.6	7.9	8.2
4	7.8	7.6	7.7	---	---	---	8.7	8.3	8.5	8.3	7.7	7.9
5	7.8	7.7	7.7	---	---	---	8.7	8.3	8.5	8.6	7.7	8.0
6	7.8	7.7	7.7	---	---	---	8.8	8.5	8.6	8.5	7.6	8.0
7	7.8	7.7	7.8	---	---	---	---	---	---	8.7	8.1	8.4
8	8.1	7.7	7.8	8.9	7.6	8.0	---	---	---	8.8	8.1	8.5
9	8.3	8.1	8.2	---	---	---	---	---	---	8.8	8.1	8.5
10	8.4	7.9	8.1	8.7	7.3	8.0	---	---	---	8.8	7.8	8.2
11	8.0	7.9	7.9	8.3	7.4	8.0	---	---	---	8.2	7.5	7.9
12	8.0	7.9	7.9	---	---	---	8.9	7.5	8.2	7.7	7.4	7.6
13	---	---	---	8.2	7.1	7.5	9.3	8.1	8.7	7.7	7.4	7.6
14	8.1	7.9	8.0	7.7	7.1	7.4	9.3	8.6	9.0	8.4	7.4	7.9
15	8.2	8.1	8.1	8.4	7.4	7.8	9.5	8.7	9.1	8.0	7.6	7.8
16	8.1	8.0	8.0	8.2	7.4	7.8	9.1	7.7	8.3	8.5	7.5	7.9
17	8.0	7.8	7.9	---	---	---	8.2	7.4	7.9	7.8	7.6	7.7
18	8.1	7.9	8.0	8.5	8.2	8.4	8.4	7.5	7.7	8.0	7.6	7.7
19	8.6	8.0	8.2	8.4	8.0	8.2	8.4	7.6	7.8	7.9	7.6	7.7
20	8.6	8.3	8.5	---	---	---	8.5	7.5	7.8	8.4	7.7	7.9
21	8.7	8.4	8.6	---	---	---	7.9	7.6	7.7	8.2	7.8	8.0
22	8.8	8.2	8.5	8.6	7.8	8.2	7.9	7.4	7.6	7.9	7.6	7.8
23	8.3	7.9	8.1	8.5	8.2	8.3	7.7	7.3	7.5	7.6	7.4	7.5
24	8.1	7.9	8.0	8.4	8.1	8.3	8.6	7.3	7.8	8.1	7.4	7.7
25	8.1	8.0	8.1	8.7	8.2	8.4	8.0	7.6	7.7	8.1	7.6	7.9
26	8.3	8.0	8.1	8.8	7.9	8.5	9.0	7.7	8.2	8.2	7.6	8.0
27	8.2	8.1	8.2	8.4	7.9	8.2	8.4	7.7	8.0	7.9	7.5	7.7
28	8.5	7.8	8.2	8.5	8.1	8.3	8.7	7.8	8.2	8.1	7.5	7.7
29	---	---	---	8.4	8.0	8.2	8.5	8.0	8.3	8.3	7.7	8.0
30	---	---	---	8.3	7.6	8.1	8.7	8.0	8.3	8.8	7.8	8.3
31	---	---	---	8.1	7.4	7.8	---	---	---	8.5	7.8	8.3
MONTH	---	---	---	---	---	---	---	---	---	8.9	7.4	8.0

## PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.2	7.3	7.7	8.5	7.9	8.2	9.0	8.4	8.8	9.0	8.3	8.6
2	8.7	7.4	8.1	8.2	7.4	7.7	9.1	8.8	8.9	8.7	8.2	8.4
3	8.4	7.8	8.0	7.8	7.4	7.6	9.1	8.8	8.9	8.9	8.3	8.6
4	8.1	7.4	7.7	8.3	7.6	7.9	9.0	8.7	8.8	8.7	8.4	8.6
5	8.8	7.3	8.0	8.3	7.6	7.9	9.0	8.3	8.8	8.6	8.2	8.4
6	9.2	8.2	8.6	8.2	7.8	8.0	9.3	8.7	8.9	8.5	8.2	8.4
7	8.8	7.9	8.4	8.1	7.6	7.8	8.9	8.6	8.8	8.3	7.8	8.0
8	8.8	7.4	8.1	8.3	7.7	7.9	8.9	8.7	8.8	8.1	7.7	7.9
9	9.0	7.9	8.4	8.2	7.5	7.8	8.9	8.6	8.8	8.2	7.7	7.9
10	8.6	7.8	8.3	8.5	7.6	8.0	9.0	8.6	8.7	8.0	7.6	7.8
11	8.7	7.6	8.0	8.1	7.7	7.9	8.9	8.6	8.8	7.9	7.5	7.7
12	8.1	7.8	8.0	8.2	7.7	7.9	9.1	8.8	8.9	8.9	7.5	7.9
13	7.8	7.3	7.5	7.9	7.6	7.7	9.2	8.7	8.9	8.4	7.8	8.1
14	8.2	7.3	7.6	8.3	7.5	7.6	9.2	8.8	9.0	8.9	8.0	8.4
15	8.3	7.4	7.7	8.7	7.5	8.0	9.5	9.0	9.2	---	---	---
16	8.1	7.4	7.6	8.5	7.5	8.1	9.1	8.8	8.9	---	---	---
17	8.0	7.4	7.7	8.6	7.5	8.1	9.0	8.3	8.6	---	---	---
18	8.6	7.4	7.9	8.6	7.6	8.2	9.2	8.3	8.8	---	---	---
19	8.5	7.3	7.9	8.2	7.6	7.9	8.8	8.4	8.6	---	---	---
20	8.9	7.3	8.0	8.9	7.5	8.1	9.1	8.5	8.7	---	---	---
21	8.4	7.7	8.0	8.7	7.6	8.1	9.1	8.3	8.6	---	---	---
22	8.4	7.6	7.9	8.3	7.7	8.0	9.0	8.6	8.8	8.2	7.5	7.9
23	8.7	7.7	8.1	8.2	7.6	7.9	9.1	8.5	8.8	8.3	7.5	7.8
24	8.7	7.8	8.3	8.4	7.6	7.9	9.1	8.6	8.8	9.0	7.9	8.3
25	8.7	8.2	8.4	8.9	7.8	8.3	9.2	8.5	8.8	9.1	8.2	8.7
26	8.5	8.0	8.3	8.6	7.9	8.2	9.1	8.6	8.8	9.1	8.6	8.9
27	8.5	7.7	8.1	8.7	7.6	8.2	9.2	8.6	8.9	9.1	8.5	8.7
28	8.4	7.9	8.1	8.4	8.0	8.3	9.1	8.6	8.8	9.0	8.4	8.6
29	8.7	8.0	8.2	8.9	8.0	8.3	9.0	8.4	8.7	8.8	8.0	8.3
30	8.8	7.9	8.4	9.0	7.8	8.4	8.9	8.3	8.6	8.6	7.9	8.3
31	---	---	---	9.2	8.4	8.8	9.0	8.3	8.6	---	---	---
MONTH	9.2	7.3	8.0	9.2	7.4	8.0	9.5	8.3	8.8	---	---	---





## PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3—Continued

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

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.1	7.3	7.7	8.2	6.9	7.4	8.9	7.5	8.3	8.8	7.2	7.8
2	8.4	7.3	7.7	8.0	7.0	7.5	9.0	7.5	8.8	8.6	7.1	7.9
3	8.1	7.2	7.8	7.7	7.4	7.5	8.9	7.7	8.8	8.6	6.9	7.8
4	8.0	7.2	7.6	8.0	7.5	7.6	8.9	7.1	8.5	8.8	8.5	8.6
5	8.6	7.2	7.7	8.2	7.5	7.8	8.8	7.7	8.5	8.7	8.2	8.5
6	8.6	7.5	8.0	8.1	7.6	7.9	9.1	8.2	8.8	8.5	8.2	8.4
7	8.3	7.2	7.8	8.0	7.6	7.8	8.9	8.4	8.7	8.2	7.8	8.0
8	8.5	7.2	7.7	7.9	7.4	7.7	8.8	8.6	8.7	8.1	7.7	7.9
9	8.4	7.3	7.8	8.2	7.3	7.7	8.8	7.2	8.4	8.2	7.7	7.9
10	8.0	7.1	7.5	8.2	7.4	7.8	8.8	8.4	8.7	8.1	7.6	7.8
11	8.2	7.3	7.6	8.1	7.7	7.9	8.9	8.4	8.7	8.1	7.6	7.8
12	7.9	7.5	7.7	8.0	7.6	7.8	9.0	8.6	8.8	8.4	7.6	7.9
13	7.6	7.2	7.4	7.8	7.5	7.6	9.0	8.1	8.8	8.5	8.0	8.3
14	7.9	7.2	7.4	7.7	7.5	7.6	9.1	8.1	8.7	8.3	7.4	8.0
15	8.1	7.4	7.6	7.8	7.3	7.6	9.2	8.1	8.6	---	---	---
16	8.1	7.0	7.4	8.5	7.5	7.8	9.1	8.0	8.7	---	---	---
17	7.9	7.3	7.6	8.1	7.2	7.7	8.9	8.0	8.5	---	---	---
18	7.9	6.9	7.4	8.5	7.2	7.9	8.6	7.7	8.3	---	---	---
19	8.2	7.0	7.4	8.2	7.6	7.9	8.7	7.5	8.2	---	---	---
20	8.3	7.0	7.3	8.1	7.1	7.5	8.9	7.7	8.5	---	---	---
21	8.3	7.5	7.9	8.2	7.2	7.7	8.8	7.7	8.4	---	---	---
22	8.2	7.4	7.8	8.3	7.7	8.1	9.0	8.1	8.7	7.7	6.9	7.2
23	8.3	7.2	7.7	8.2	7.6	7.9	8.9	8.6	8.7	7.6	7.0	7.4
24	8.6	7.3	7.8	8.1	7.4	7.6	9.0	8.3	8.7	8.3	6.9	7.4
25	8.4	7.5	8.1	8.1	7.2	7.6	9.0	8.1	8.5	8.6	7.3	8.2
26	8.3	7.6	8.0	8.3	7.0	7.4	9.0	8.5	8.7	8.6	6.8	8.0
27	8.4	7.2	7.9	8.7	7.7	8.1	8.9	8.2	8.5	8.1	6.8	7.2
28	8.3	7.1	7.8	8.5	8.0	8.3	8.7	7.1	8.3	8.8	6.9	8.2
29	7.9	6.9	7.1	8.8	6.9	8.2	8.7	7.2	8.2	8.7	7.6	8.2
30	8.0	6.9	7.3	8.6	7.3	8.1	9.0	7.3	8.4	8.5	7.1	8.1
31	---	---	---	8.5	7.4	8.2	8.7	7.2	8.2	---	---	---
MONTH	8.6	6.9	7.7	8.8	6.9	7.8	9.2	7.1	8.6	---	---	---

## 0208455155 PAMLICO RIVER AT LIGHT 3—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	25.6	24.5	24.9	15.9	14.9	15.4	10.1	9.1	9.4	9.5	7.9	8.5
2	26.9	24.8	25.6	15.1	14.1	14.7	9.1	8.2	8.6	9.3	8.7	8.9
3	26.9	25.1	25.8	14.7	13.6	14.0	8.8	8.0	8.5	10.0	8.9	9.3
4	27.5	25.7	26.4	14.4	13.4	13.8	8.0	7.0	7.5	9.3	8.2	8.8
5	27.8	25.5	26.6	13.9	13.5	13.7	7.2	6.8	7.0	8.5	7.5	8.2
6	27.1	25.7	26.3	14.7	13.8	14.4	7.0	6.4	6.8	8.9	7.6	8.3
7	26.4	25.2	25.8	14.2	13.3	13.9	6.8	5.8	6.3	8.2	6.8	7.5
8	26.1	24.4	25.3	14.4	12.8	13.5	6.8	5.4	6.0	7.0	6.1	6.7
9	24.6	23.5	24.0	14.7	13.2	14.0	6.3	5.8	6.1	7.9	6.8	7.2
10	24.1	23.5	23.8	16.3	14.4	15.2	6.4	5.8	6.0	7.8	7.3	7.6
11	24.0	23.6	23.8	16.9	15.8	16.3	6.5	6.2	6.4	7.6	7.0	7.2
12	23.9	23.5	23.7	17.0	15.7	16.5	7.8	6.4	6.8	7.2	6.2	6.7
13	24.9	23.0	23.8	16.6	15.2	16.0	7.3	6.5	6.9	---	---	---
14	24.4	22.0	23.2	15.5	14.4	15.0	7.7	7.1	7.3	6.6	5.7	6.0
15	22.1	21.1	21.5	14.8	13.5	14.3	7.9	6.9	7.3	6.1	5.6	5.8
16	21.5	20.7	21.2	15.2	14.6	14.9	7.5	6.8	7.2	5.6	5.0	5.4
17	21.8	20.6	21.0	15.4	14.8	15.2	7.5	6.6	7.0	5.5	5.1	5.3
18	21.0	19.9	20.3	14.8	13.1	14.1	7.7	6.5	6.9	5.2	3.9	4.6
19	20.2	18.2	19.0	14.4	12.5	13.5	7.9	6.5	7.2	4.2	3.5	3.9
20	20.5	18.8	19.4	13.8	13.0	13.2	9.7	7.9	8.7	4.4	3.6	4.0
21	19.9	19.2	19.7	13.4	12.8	13.0	8.7	8.2	8.5	4.2	3.9	4.0
22	19.4	18.2	18.6	14.1	13.1	13.6	8.7	7.9	8.3	4.1	3.6	3.8
23	18.4	17.2	17.9	13.4	11.9	12.5	8.8	8.1	8.4	3.7	2.0	2.9
24	18.4	17.8	18.1	13.2	11.2	11.9	8.5	7.9	8.3	2.0	0.9	1.4
25	18.6	18.1	18.3	13.4	11.5	12.2	8.7	7.8	8.4	1.7	0.0	0.8
26	18.9	18.3	18.6	12.6	11.7	12.2	7.8	6.5	7.1	1.8	0.6	1.1
27	19.1	18.4	18.7	12.1	10.9	11.6	7.8	6.4	6.8	1.6	0.9	1.3
28	19.0	18.5	18.7	11.0	9.5	10.3	7.0	6.2	6.5	2.3	0.2	1.2
29	18.7	18.3	18.5	10.4	9.0	9.6	7.2	6.1	6.6	2.8	1.3	2.0
30	18.3	17.6	18.0	10.4	9.6	10.1	7.7	6.4	7.1	2.9	2.4	2.7
31	17.6	15.9	16.8	---	---	---	8.2	7.2	7.6	3.2	2.7	2.9
MONTH	27.8	15.9	21.7	17.0	9.0	13.6	10.1	5.4	7.3	---	---	---
	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3.5	3.1	3.3	10.3	7.8	8.6	14.2	13.0	13.7	22.1	21.0	21.6
2	4.5	3.0	3.7	---	---	---	16.8	13.3	14.4	23.0	21.5	22.0
3	5.5	3.4	4.4	---	---	---	17.1	14.1	15.4	22.4	20.6	21.6
4	6.0	3.8	4.7	---	---	---	16.6	15.1	15.8	20.7	19.3	20.0
5	5.7	4.6	5.3	---	---	---	17.0	15.7	16.4	19.4	18.7	19.0
6	5.5	5.1	5.2	---	---	---	17.3	16.6	16.8	21.1	19.0	19.8
7	5.5	5.2	5.4	---	---	---	---	---	---	23.2	20.4	21.5
8	6.2	5.0	5.4	10.7	9.0	9.5	---	---	---	23.4	21.6	22.4
9	7.1	4.8	5.7	---	---	---	---	---	---	24.3	22.6	23.3
10	6.3	5.6	5.9	11.6	9.8	10.6	---	---	---	25.0	23.3	23.9
11	6.2	5.3	5.7	10.1	9.5	9.7	---	---	---	24.8	23.4	24.1
12	6.3	5.5	6.0	---	---	---	14.1	12.3	13.1	23.9	22.8	23.3
13	---	---	---	12.8	10.7	11.8	15.1	13.0	13.9	22.9	22.2	22.6
14	6.3	5.3	5.8	12.2	10.3	11.2	15.4	13.7	14.6	23.4	21.6	22.4
15	6.7	6.0	6.4	11.7	10.1	10.7	17.0	14.4	15.4	22.5	21.9	22.2
16	6.6	6.3	6.4	13.0	10.8	11.2	19.2	15.2	16.4	24.4	21.8	22.8
17	6.4	5.8	6.1	---	---	---	18.0	15.9	16.9	23.1	21.6	22.4
18	6.1	5.5	5.8	13.0	12.0	12.7	17.4	16.6	16.9	21.8	20.8	21.3
19	6.9	5.0	6.1	12.9	12.6	12.7	17.4	16.7	16.9	20.9	19.9	20.5
20	7.5	6.1	6.8	---	---	---	17.5	16.2	16.8	21.2	19.5	20.3
21	8.1	6.6	7.2	---	---	---	17.6	16.4	16.9	22.4	19.9	20.9
22	9.8	7.5	8.4	16.4	13.8	14.9	19.1	17.2	18.1	21.7	20.7	21.3
23	10.0	9.0	9.4	16.0	15.4	15.8	18.8	17.5	18.2	21.1	20.4	20.7
24	9.9	8.4	9.3	16.3	15.1	15.6	20.7	17.4	18.3	21.9	20.1	20.8
25	9.9	9.4	9.6	16.8	14.9	15.6	18.1	17.5	17.8	22.7	20.7	21.5
26	9.4	8.9	9.1	16.6	15.4	16.0	20.1	17.9	18.6	23.8	21.4	22.4
27	8.9	8.6	8.8	16.1	15.6	15.8	19.1	18.4	18.6	22.6	21.8	22.1
28	8.7	8.3	8.5	16.8	15.3	16.0	21.3	18.1	19.1	23.0	21.4	22.0
29	---	---	---	17.2	16.0	16.7	20.9	18.8	19.8	22.9	21.7	22.2
30	---	---	---	17.3	15.5	16.7	21.6	20.0	20.8	23.7	21.6	22.5
31	---	---	---	15.5	13.9	14.7	---	---	---	22.8	21.9	22.6
MONTH	---	---	---	---	---	---	---	---	---	25.0	18.7	21.8

## PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.2	21.4	21.8	29.0	28.1	28.4	29.8	28.3	28.9	31.2	29.0	29.6
2	25.1	21.1	22.4	28.3	26.6	27.3	29.5	28.7	29.0	30.0	28.7	29.3
3	22.9	21.7	22.3	27.3	26.3	26.8	29.0	28.3	28.6	31.2	28.9	29.5
4	23.2	22.2	22.6	28.2	26.5	27.3	28.4	27.9	28.2	29.6	28.9	29.2
5	24.3	22.3	23.2	28.4	27.0	27.7	29.3	27.4	28.2	29.2	28.0	28.5
6	26.1	23.2	24.2	29.1	27.4	28.0	29.1	27.9	28.3	28.0	26.6	27.3
7	24.6	23.9	24.2	29.0	27.7	28.2	28.2	27.4	27.7	26.6	25.7	26.2
8	25.1	23.8	24.3	30.8	27.8	28.9	27.7	27.1	27.4	25.8	25.2	25.5
9	28.3	24.3	25.6	30.9	28.4	29.5	27.6	27.0	27.3	25.2	24.6	24.9
10	26.9	25.4	26.1	31.1	29.2	29.8	27.3	26.8	27.0	25.0	23.5	24.3
11	27.4	25.6	26.6	29.5	28.0	29.0	27.5	26.6	27.0	23.8	23.0	23.3
12	27.7	26.6	27.0	29.2	28.1	28.6	27.6	26.8	27.2	25.4	22.7	23.4
13	27.5	26.6	27.0	28.2	27.2	27.8	28.4	27.0	27.5	23.9	23.2	23.6
14	27.8	26.4	26.9	27.7	26.6	26.9	29.6	27.4	28.0	24.7	23.0	23.7
15	28.4	26.5	27.3	30.5	26.6	27.8	30.3	27.9	28.7	---	---	---
16	27.9	27.1	27.5	29.5	27.1	28.1	28.9	27.9	28.2	---	---	---
17	27.1	26.6	26.9	31.3	27.5	28.6	28.5	27.4	27.9	---	---	---
18	28.7	26.0	26.8	29.8	27.8	28.8	29.7	27.4	28.1	---	---	---
19	28.7	26.5	27.4	28.9	28.0	28.3	28.3	27.3	27.9	---	---	---
20	28.6	26.5	27.3	30.2	27.6	28.3	29.4	27.6	28.3	---	---	---
21	27.5	26.5	26.9	29.3	27.5	28.4	30.3	27.7	28.4	---	---	---
22	26.8	25.6	26.1	29.2	27.6	28.3	30.0	28.4	29.0	24.7	23.6	23.9
23	27.5	25.5	26.3	28.1	27.5	27.9	30.4	28.6	29.2	24.6	23.8	24.1
24	28.9	26.0	27.2	27.6	26.8	27.2	30.0	28.5	29.1	25.2	24.0	24.4
25	30.4	26.8	28.1	27.9	26.9	27.4	30.2	28.1	28.9	26.7	23.9	24.9
26	29.0	27.1	28.0	28.2	27.1	27.5	30.2	28.2	29.1	26.1	24.2	25.0
27	29.1	27.6	28.3	29.3	27.1	28.0	31.3	29.0	29.9	25.7	24.3	24.9
28	29.5	27.6	28.2	29.1	27.6	28.2	33.1	29.2	30.0	25.9	24.7	25.0
29	29.6	27.7	28.4	32.3	27.7	28.6	30.9	29.1	29.8	25.2	23.5	24.4
30	30.6	28.0	28.7	30.1	28.1	28.6	30.3	28.7	29.5	23.6	22.5	23.0
31	---	---	---	30.0	28.4	29.0	31.8	29.0	29.6	---	---	---
MONTH	30.6	21.1	26.1	32.3	26.3	28.2	33.1	26.6	28.4	---	---	---



## PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.2	21.4	21.8	28.3	27.2	27.8	29.5	28.2	28.7	29.6	28.3	28.9
2	22.5	21.3	21.6	28.1	26.5	27.3	29.4	28.4	28.9	29.5	28.5	29.0
3	22.7	21.6	22.1	27.2	26.2	26.7	29.0	28.3	28.6	29.3	28.6	29.0
4	23.1	22.2	22.6	27.9	26.5	26.9	28.4	27.5	28.0	29.6	28.9	29.1
5	24.1	22.3	22.9	28.4	27.0	27.6	28.3	27.4	27.9	29.2	28.0	28.5
6	24.3	23.1	23.5	28.8	27.3	27.9	28.8	27.9	28.2	28.0	26.6	27.3
7	24.4	23.3	23.9	28.9	27.6	28.2	28.2	27.5	27.8	26.6	25.7	26.2
8	24.9	23.8	24.2	28.9	27.7	28.1	27.6	27.3	27.5	25.8	25.2	25.5
9	25.4	24.3	24.6	30.2	28.3	29.1	27.4	27.1	27.3	25.2	24.6	25.0
10	26.8	24.2	25.2	30.2	28.9	29.4	27.3	26.8	27.0	25.0	23.5	24.3
11	27.1	25.7	26.4	29.5	28.0	29.0	27.4	26.4	26.9	23.8	23.0	23.3
12	27.4	26.6	26.9	29.0	28.2	28.5	27.5	26.8	27.1	24.0	22.7	23.2
13	27.4	26.6	26.9	28.2	27.2	27.8	27.9	26.9	27.2	23.9	23.2	23.6
14	27.8	26.3	26.8	27.2	26.6	26.9	27.7	27.1	27.4	23.5	23.2	23.4
15	28.1	26.5	27.2	27.3	26.5	26.8	28.3	27.2	27.5	---	---	---
16	27.8	26.9	27.4	29.3	27.0	27.6	28.6	27.9	28.0	---	---	---
17	27.1	26.6	26.8	28.5	27.4	27.8	28.3	27.3	27.8	---	---	---
18	27.1	25.8	26.5	29.8	27.9	28.5	27.9	27.4	27.5	---	---	---
19	27.9	26.2	26.8	28.9	28.0	28.3	28.1	27.2	27.7	---	---	---
20	27.5	26.6	26.8	28.2	27.5	27.7	28.8	27.6	28.0	---	---	---
21	27.4	26.5	26.9	28.6	27.6	27.9	28.8	27.7	28.1	---	---	---
22	26.6	25.6	26.1	29.2	27.6	28.3	29.5	28.2	28.9	24.4	23.1	23.5
23	26.8	25.3	25.9	28.2	27.6	27.9	29.5	28.6	28.9	24.0	23.6	23.9
24	27.8	25.7	26.3	27.6	26.3	27.0	29.8	28.6	28.9	24.3	23.6	23.9
25	27.9	26.8	27.2	27.5	27.0	27.1	29.3	28.1	28.4	24.9	23.9	24.2
26	28.2	27.1	27.7	27.5	27.1	27.3	29.6	28.2	28.6	24.9	24.0	24.5
27	28.6	27.1	27.8	29.0	27.1	27.7	30.1	28.8	29.1	24.8	23.9	24.3
28	28.2	26.9	27.6	28.7	27.5	28.0	29.7	28.0	29.1	25.5	24.3	24.9
29	27.9	26.2	27.0	29.4	27.5	28.1	29.7	28.1	29.1	25.2	23.9	24.5
30	28.1	26.8	27.6	28.7	28.0	28.3	30.0	28.5	29.1	24.0	22.6	23.4
31	---	---	---	28.7	28.2	28.5	29.6	28.1	28.9	---	---	---
MONTH	28.6	21.3	25.7	30.2	26.2	27.9	30.1	26.4	28.1	---	---	---

0208455155 PAMLICO RIVER AT LIGHT 3—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.2	6.1	7.2	8.8	7.8	8.2	10.0	9.2	9.6	14.2	11.2	12.4
2	9.9	6.9	8.4	9.3	8.4	8.8	10.6	9.4	10	12.8	11.8	12.3
3	9.8	8.0	8.8	9.8	8.6	9.2	10.3	10.0	10.2	12.4	11.6	12.0
4	9.7	6.2	8.4	10.4	9.3	9.9	10.7	10.0	10.2	12.4	11.5	11.8
5	9.4	6.7	8.1	10.2	9.5	9.9	10.7	10.1	10.3	13.6	11.9	12.3
6	8.3	7.2	7.7	9.5	8.5	9.0	10.8	10.0	10.4	14.1	12.0	13.3
7	9.2	6.5	7.9	9.7	8.5	9.1	11.8	10.5	11.1	12.0	10.7	11.3
8	8.7	6.8	7.7	11.0	9.4	10.1	12.0	11.2	11.6	12.9	11.0	11.5
9	8.6	6.4	7.5	11.7	9.7	10.7	12.0	11.0	11.4	12.4	10.7	11.4
10	8.5	7.1	7.7	10.7	9.1	10.2	11.7	10.8	11.3	11.8	11.2	11.5
11	7.8	6.4	7.0	9.8	8.4	9.2	11.3	10.8	11.1	12.0	11.3	11.6
12	7.4	6.8	7.0	9.4	7.8	8.7	11.7	10.7	11.1	14.3	11.7	12.8
13	10.2	6.9	8.2	8.7	8.1	8.4	11.4	10.8	11.1	---	---	---
14	9.2	6.8	7.8	12.2	7.8	9.5	11.2	10.5	10.9	13.8	12.7	13.3
15	---	---	---	11.6	9.3	10.2	12.1	10.4	11.1	13.7	12.3	12.7
16	---	---	---	10.1	7.9	9.3	12.4	11.1	11.8	12.4	11.4	12.0
17	---	---	---	9.8	8.4	9.2	13.1	11.3	12.1	11.6	10.9	11.1
18	9.5	7.4	8.3	9.9	8.3	9.1	13.0	11.8	12.3	11.4	10.7	11.0
19	11.6	8.5	9.9	11.0	9.4	10.2	13.2	12.0	12.6	11.3	10.9	11.1
20	10.8	9.0	9.8	11.0	9.7	10.2	12.5	10.5	11.5	11.2	10.7	10.9
21	9.9	8.5	9.3	11.8	9.8	10.5	11.6	11.0	11.3	11.2	10.7	10.9
22	9.0	8.0	8.5	9.8	7.5	8.7	11.6	11.2	11.4	11.3	10.8	11.0
23	10.1	8.0	9.0	9.1	7.7	8.4	12.1	11.3	11.7	11.4	10.9	11.1
24	9.4	7.6	8.4	11.7	8.7	9.7	12.6	10.4	11.8	11.9	11.3	11.6
25	8.1	7.5	7.8	12.2	9.9	11.0	11.0	10.5	10.7	12.1	11.5	11.8
26	9.0	7.7	8.2	11.6	10.5	11.0	11.4	10.4	10.9	12.3	11.9	12.2
27	9.2	7.9	8.4	10.9	10.0	10.4	12.6	10.8	11.8	12.3	11.7	12.0
28	8.8	7.4	8.0	11.3	9.7	10.3	13.7	12.2	12.8	12.3	12.0	12.2
29	7.9	7.2	7.5	10.6	9.0	10.0	13.7	13.0	13.4	12.3	12.1	12.2
30	7.5	7.0	7.2	9.8	8.9	9.3	13.6	12.8	13.2	12.2	11.9	12.1
31	7.9	6.9	7.5	---	---	---	14.7	12.7	13.7	12.3	11.9	12.1
MONTH	---	---	---	12.2	7.5	9.6	14.7	9.2	11.4	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.3	11.9	12.1	15.6	10.9	13.0	10.8	9.3	9.9	10.2	8.8	9.5
2	12.2	11.7	11.9	14.0	10.4	12.8	12.0	9.2	10.2	10.8	8.9	9.7
3	12.2	11.7	12.0	13.4	10.5	11.6	11.6	9.8	10.4	9.9	8.6	9.1
4	11.8	11.0	11.3	---	---	---	10.8	9.6	10.3	9.7	8.3	8.9
5	11.4	11.1	11.3	---	---	---	10.7	9.5	10.2	10.6	8.5	9.3
6	11.4	11.1	11.2	---	---	---	10.5	9.9	10.2	10.4	8.4	9.4
7	11.3	11.0	11.2	---	---	---	---	---	---	10.6	9.3	9.9
8	12.1	11.0	11.3	16.0	9.4	11.0	---	---	---	10.5	9.0	9.8
9	13.0	12.0	12.3	---	---	---	---	---	---	10.0	8.7	9.5
10	13.3	11.2	12.1	13.1	9.6	11.1	---	---	---	9.7	7.6	8.7
11	11.8	11.2	11.4	11.2	8.1	10.2	---	---	---	8.6	6.6	7.7
12	11.6	11.2	11.4	---	---	---	13.3	9.6	11.3	7.4	6.2	6.9
13	---	---	---	11.3	9.6	10.4	14.6	11.1	12.3	7.8	6.3	7.2
14	12.2	11.3	11.8	10.2	9.1	9.7	14.2	11.6	12.9	9.0	6.3	7.7
15	12.5	11.6	12.1	11.9	9.7	10.4	14.7	11.7	12.8	7.8	6.8	7.3
16	11.6	11.1	11.3	11.7	8.9	10.2	13.4	10.4	11.4	8.9	6.5	7.6
17	11.4	10.7	11.0	---	---	---	11.4	10.1	10.7	7.4	6.8	7.1
18	12.1	11.1	11.6	12.1	11.0	11.5	11.2	9.9	10.3	8.0	6.5	7.2
19	13.6	11.8	12.3	11.0	9.5	10.3	11.1	9.9	10.3	8.0	7.1	7.5
20	13.8	12.2	13.0	---	---	---	11.3	10.0	10.4	9.2	7.6	8.3
21	14.0	12.1	12.9	---	---	---	10.7	10.1	10.4	9.2	7.9	8.5
22	14.1	10.4	12.5	11.7	9.7	10.5	10.6	9.6	9.9	8.4	7.4	8.0
23	10.7	9.6	10.2	11.2	10.3	10.7	10.0	8.4	9.3	7.9	7.2	7.5
24	10.6	9.3	10.0	10.4	9.9	10.1	9.9	8.0	8.9	8.9	7.2	7.8
25	10.6	10.0	10.3	11.7	9.8	10.5	9.2	7.8	8.5	8.8	7.7	8.2
26	11.1	9.9	10.3	11.2	8.8	10.2	11.0	8.0	9.1	9.0	7.4	8.3
27	10.8	10.1	10.4	9.9	8.8	9.3	9.5	8.1	8.6	8.6	7.3	7.8
28	12.0	9.1	10.6	10.5	9.0	9.5	10.6	8.7	9.5	8.8	7.2	7.9
29	---	---	---	10.0	8.9	9.4	9.7	8.9	9.3	9.3	7.8	8.4
30	---	---	---	9.7	8.2	9.1	10.4	8.9	9.5	10.6	8.0	9.2
31	---	---	---	9.9	8.0	9.0	---	---	---	9.7	7.4	8.8
MONTH	---	---	---	---	---	---	---	---	---	10.8	6.2	8.3

## PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.9	6.8	7.8	8.0	6.8	7.3	10.5	6.6	9.0	10.8	6.6	8.0
2	10.9	7.4	8.9	7.2	5.1	6.1	11.1	7.9	9.0	8.4	6.0	7.0
3	9.5	7.9	8.5	6.9	5.4	6.0	10.8	7.3	8.5	11.8	5.9	8.3
4	8.3	7.2	7.8	7.6	5.9	6.6	9.6	6.1	7.9	8.8	6.7	7.6
5	9.4	7.1	8.1	7.4	5.0	6.5	10.9	5.9	8.1	8.8	5.7	6.9
6	10.8	7.9	9.0	7.3	5.9	6.6	10.7	6.6	8.2	8.0	6.5	7.1
7	9.3	7.5	8.4	6.7	5.5	6.1	8.5	6.3	7.3	7.8	5.8	6.8
8	9.1	6.1	7.9	7.3	5.7	6.3	9.1	6.4	7.4	8.0	6.6	7.3
9	10.2	7.7	8.8	8.2	5.8	6.9	9.7	6.6	7.7	9.1	6.6	7.8
10	9.1	7.4	8.4	9.6	6.5	7.4	9.6	6.8	7.5	9.3	7.5	8.4
11	9.0	7.0	7.9	8.1	6.4	7.1	9.6	6.6	8.0	9.7	7.7	8.7
12	7.8	6.9	7.4	8.4	6.4	7.0	11.1	7.4	8.6	18.4	8.2	9.8
13	7.0	6.3	6.7	7.3	6.0	6.7	10.9	7.2	9.0	12.2	9.0	10.2
14	8.2	6.1	7.0	9.4	6.2	6.9	12.3	8.0	9.7	16.0	9.3	11.1
15	8.5	6.6	7.4	11.5	6.5	8.4	14.0	9.4	11.4	---	---	---
16	7.7	5.8	6.9	9.6	6.4	8.2	10.6	8.2	9.0	---	---	---
17	6.9	5.8	6.4	10.1	6.3	7.7	9.7	7.0	8.2	---	---	---
18	8.7	6.0	7.1	9.4	5.8	7.6	13.5	7.4	9.5	---	---	---
19	8.6	5.6	7.1	7.3	5.7	6.4	8.7	7.1	8.1	---	---	---
20	10.4	5.6	7.7	12.6	5.6	7.9	11.0	6.3	8.4	---	---	---
21	8.5	6.7	7.5	9.9	5.6	7.5	11.4	6.6	8.5	---	---	---
22	8.7	6.8	7.5	7.7	6.3	6.9	11.1	7.2	9.0	7.9	6.0	7.0
23	10.0	7.1	8.0	7.6	5.9	6.6	11.5	7.8	9.2	9.0	5.6	6.8
24	10.0	7.6	8.6	7.8	6.0	6.5	12.2	7.5	9.4	12.1	6.8	8.8
25	9.9	8.2	8.9	10.5	5.4	7.0	12.5	7.6	9.7	14.2	7.8	10.6
26	8.8	7.6	8.1	8.3	5.9	7.0	10.6	8.0	9.2	12.6	9.3	10.8
27	8.8	6.8	7.7	9.3	5.9	7.4	11.5	7.1	9.1	12.5	8.0	9.2
28	8.6	6.9	7.6	8.2	6.3	7.3	11.1	6.8	8.5	11.2	7.4	8.7
29	9.2	7.0	7.6	10.5	6.6	8.0	10.8	6.8	8.3	10.2	6.9	8.1
30	10.0	6.9	8.2	11.8	6.4	8.3	9.9	6.8	8.1	9.4	7.3	8.2
31	---	---	---	13.2	7.1	9.4	11.9	6.8	8.3	---	---	---
MONTH	10.9	5.6	7.8	13.2	5.0	7.1	14.0	5.9	8.6	---	---	---





## PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3—Continued

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

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.3	6.4	7.4	7.0	2.3	4.9	9.1	3.6	6.3	8.6	0.9	3.8
2	9.0	6.1	7.5	6.7	2.2	5.3	9.9	2.9	7.7	7.5	1.0	4.5
3	8.3	6.4	7.7	6.8	5.2	5.9	8.4	2.6	7.3	6.8	0.1	3.6
4	8.2	6.5	7.4	7.3	5.8	6.2	8.6	0.4	6.1	8.0	6.0	6.8
5	9.5	6.1	7.6	7.2	5.5	6.4	8.0	3.3	6.2	7.9	4.8	6.1
6	9.7	6.7	8.0	7.2	5.9	6.5	9.3	3.6	7.1	7.3	5.5	6.5
7	8.4	6.0	7.5	7.2	5.8	6.5	7.8	5.2	6.7	6.8	5.0	5.9
8	8.4	5.2	7.2	6.9	5.0	6.2	7.9	5.8	6.7	6.9	5.6	6.3
9	8.6	5.6	7.3	7.5	4.0	6.2	7.4	0.1	5.3	8.0	6.0	6.7
10	7.7	4.8	6.6	7.8	5.3	6.4	7.8	5.3	7.0	8.0	6.3	7.1
11	7.9	6.2	7.0	8.0	6.4	7.1	9.0	5.8	7.4	8.2	6.3	7.3
12	7.7	6.8	7.3	7.4	6.2	6.7	9.3	6.8	8.0	9.6	6.8	7.5
13	7.0	6.0	6.7	7.4	5.7	6.7	9.8	3.7	7.5	9.9	7.6	8.6
14	8.0	6.0	6.8	7.4	6.3	6.8	10.2	3.8	6.9	8.7	4.8	7.4
15	7.9	6.4	7.0	7.7	5.8	6.8	10.1	5.0	7.1	---	---	---
16	7.8	4.7	6.2	9.3	5.2	7.3	10.0	5.0	7.7	---	---	---
17	7.2	5.7	6.6	7.7	3.6	6.2	8.8	5.0	7.5	---	---	---
18	7.4	2.2	5.8	9.1	3.7	6.7	7.9	4.7	6.8	---	---	---
19	7.6	2.7	5.9	7.0	5.5	6.3	7.8	3.8	6.3	---	---	---
20	8.1	3.6	5.6	7.1	2.2	5.2	8.9	4.1	6.7	---	---	---
21	8.1	6.3	7.3	6.9	2.9	5.6	8.6	3.7	6.4	---	---	---
22	8.3	6.2	7.4	7.5	5.9	6.6	10.1	5.2	8.0	6.7	1.2	3.9
23	8.9	5.3	7.3	7.5	5.6	6.4	9.0	6.7	7.8	6.7	1.6	5.4
24	9.6	5.9	7.6	7.3	4.9	5.9	10.7	6.3	7.7	8.4	0.6	4.7
25	9.2	6.7	8.2	6.9	3.4	5.4	10.1	4.9	6.9	10.5	4.5	8.2
26	8.3	6.4	7.5	7.9	1.4	4.2	9.6	6.1	7.6	10.5	0.6	6.9
27	8.2	4.7	6.8	9.5	6.1	7.3	8.6	4.7	6.4	7.4	0.3	2.9
28	7.6	3.3	6.5	8.0	6.6	7.4	7.4	0.3	5.4	10.4	1.6	7.3
29	6.8	0.6	3.2	10.4	1.0	6.9	7.9	0.6	5.3	10.5	5.7	8.0
30	6.9	1.3	4.4	7.7	3.9	6.1	9.5	1.3	6.8	9.2	2.5	7.5
31	---	---	---	6.9	2.9	5.7	8.0	0.8	5.6	---	---	---
MONTH	9.7	0.6	6.8	10.4	1.0	6.3	10.7	0.1	6.8	---	---	---

## 0208455155 PAMLICO RIVER AT LIGHT 3—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	100	74	87	89	78	83	87	81	84	120	98	107
2	124	84	103	93	83	87	91	80	86	110	102	107
3	123	98	109	96	83	89	89	85	87	108	101	105
4	122	77	104	102	90	95	90	83	86	108	98	102
5	120	82	101	99	92	95	88	83	85	116	100	105
6	105	89	96	92	84	89	89	82	86	119	102	113
7	115	80	98	94	82	88	95	84	90	102	89	94
8	108	82	94	107	89	97	97	89	93	106	89	94
9	104	77	90	115	93	104	97	89	92	104	88	95
10	101	84	92	107	93	102	94	88	91	99	93	96
11	93	76	83	101	85	94	92	88	90	100	94	96
12	88	80	83	97	79	89	97	87	91	118	96	105
13	123	81	98	89	81	85	95	89	92	---	---	---
14	110	80	92	122	77	94	94	87	90	111	101	107
15	---	---	---	115	89	100	102	86	93	110	98	101
16	---	---	---	100	79	92	104	92	98	99	90	95
17	---	---	---	98	84	92	108	93	99	91	86	88
18	105	82	92	96	81	89	109	96	101	89	83	85
19	124	92	107	108	89	98	110	99	104	86	83	85
20	117	97	106	106	92	97	106	91	99	87	81	83
21	108	93	101	113	93	100	100	94	97	86	82	83
22	96	85	91	94	72	84	100	95	97	86	82	84
23	107	85	96	85	74	79	104	96	100	84	81	82
24	100	81	89	109	80	90	107	89	100	85	81	83
25	86	80	83	114	91	103	93	89	91	85	80	83
26	97	82	88	109	98	102	94	86	90	88	84	86
27	100	85	90	102	92	96	105	89	96	87	83	85
28	95	80	86	102	87	92	112	99	105	89	84	86
29	85	77	81	94	80	88	113	107	110	90	86	88
30	79	74	76	88	78	83	113	106	110	90	88	89
31	82	72	78	---	---	---	124	106	115	92	88	90
MONTH	---	---	---	122	72	93	124	80	95	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	92	89	91	139	93	112	105	90	96	117	101	109
2	94	87	90	---	---	---	120	88	101	126	101	111
3	95	89	93	---	---	---	121	96	105	114	96	103
4	92	84	88	---	---	---	111	96	104	107	92	97
5	91	87	89	---	---	---	110	96	104	115	92	101
6	91	88	89	---	---	---	109	102	105	117	91	103
7	90	87	89	---	---	---	---	---	---	124	103	112
8	95	86	90	143	81	97	---	---	---	123	102	113
9	104	95	98	---	---	---	---	---	---	119	103	112
10	107	89	97	120	85	100	---	---	---	116	91	103
11	95	89	91	99	71	90	---	---	---	102	78	92
12	93	91	92	---	---	---	130	90	108	87	72	82
13	---	---	---	102	89	96	145	106	120	91	73	84
14	98	90	94	94	82	89	142	112	127	106	73	89
15	101	95	98	110	87	94	152	115	129	90	78	84
16	95	90	92	109	81	93	143	104	116	107	74	88
17	91	87	89	---	---	---	121	102	111	85	77	83
18	97	88	93	114	103	108	117	102	107	91	74	82
19	111	95	99	104	90	97	116	102	107	89	79	84
20	112	99	106	---	---	---	118	102	108	104	83	92
21	118	100	107	---	---	---	112	103	108	106	87	96
22	119	91	107	119	94	104	111	100	105	95	84	91
23	94	84	89	114	103	108	108	90	99	89	80	84
24	94	81	88	106	99	102	108	84	95	102	80	88
25	94	88	91	119	98	105	98	82	90	101	87	94
26	96	86	90	115	89	104	122	85	98	106	84	96
27	93	87	90	101	89	94	103	86	93	99	84	89
28	103	78	91	108	92	97	119	92	103	102	82	91
29	---	---	---	103	91	97	109	96	102	108	89	97
30	---	---	---	101	82	94	118	98	106	125	91	106
31	---	---	---	98	80	89	---	---	---	113	86	102
MONTH	---	---	---	---	---	---	---	---	---	126	72	95

## PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3—Continued

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

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	102	78	89	104	88	95	138	85	117	145	86	106
2	132	84	103	93	64	77	146	103	117	112	78	92
3	111	90	98	87	67	76	141	94	110	159	77	109
4	97	83	90	98	74	84	124	78	102	116	87	99
5	112	82	95	96	63	83	143	75	104	114	73	89
6	132	93	108	95	75	84	140	84	106	101	81	91
7	111	90	100	87	70	78	109	80	93	97	72	84
8	111	73	95	98	73	82	116	81	94	98	81	90
9	129	92	108	110	75	90	123	83	98	110	80	95
10	113	92	104	130	85	98	122	85	94	111	91	100
11	114	87	98	106	83	93	122	83	101	114	91	103
12	98	87	94	110	83	91	141	93	109	225	96	115
13	89	79	84	94	77	86	140	91	115	144	106	121
14	105	76	88	119	78	86	161	102	125	192	110	132
15	110	83	93	149	81	107	185	120	148	---	---	---
16	99	74	87	125	81	106	137	105	116	---	---	---
17	87	73	80	134	80	100	125	89	106	---	---	---
18	112	74	89	124	74	99	174	94	122	---	---	---
19	111	70	90	95	73	83	112	91	104	---	---	---
20	135	70	97	164	71	102	145	80	108	---	---	---
21	108	84	94	130	71	96	152	84	110	---	---	---
22	109	83	93	101	81	89	147	93	118	94	72	84
23	127	87	99	97	76	85	154	101	120	108	67	82
24	130	94	109	99	76	83	162	98	123	146	81	106
25	131	103	115	134	68	89	166	98	126	174	93	129
26	114	96	104	106	75	90	141	103	120	156	113	131
27	115	87	99	122	75	95	156	93	121	152	96	112
28	113	89	98	106	80	94	151	89	114	138	89	106
29	121	89	98	144	84	104	145	89	110	124	83	97
30	131	89	106	154	83	107	132	88	107	111	85	95
31	---	---	---	175	92	123	161	89	109	---	---	---
MONTH	135	70	97	175	63	92	185	75	112	---	---	---



## PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3—Continued

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

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	96	73	85	90	29	63	119	46	82	113	12	49
2	104	70	86	86	27	68	130	37	100	99	13	59
3	96	73	89	86	65	74	109	34	94	89	1	47
4	95	75	86	93	72	79	111	5	78	105	78	90
5	113	71	89	93	69	82	103	42	79	103	62	79
6	116	79	95	93	75	83	121	46	92	92	70	82
7	100	71	89	93	74	83	100	66	85	84	62	73
8	102	62	86	90	64	79	101	74	85	84	69	78
9	105	67	88	100	52	81	94	1	67	97	73	81
10	94	58	80	104	69	85	98	67	88	96	76	85
11	100	76	87	105	83	92	114	72	93	97	75	86
12	98	85	91	96	80	87	118	86	101	114	79	88
13	89	75	84	95	73	85	125	47	95	117	89	102
14	102	75	85	93	79	85	130	48	88	103	56	87
15	101	80	88	97	73	85	130	63	90	---	---	---
16	100	59	79	122	66	93	129	64	99	---	---	---
17	91	72	83	99	46	80	113	64	96	---	---	---
18	93	27	73	120	47	86	101	60	87	---	---	---
19	97	34	74	91	71	82	100	48	80	---	---	---
20	103	45	71	91	28	66	116	52	87	---	---	---
21	103	79	92	89	37	72	112	47	83	---	---	---
22	104	76	91	98	76	85	133	67	104	80	14	46
23	112	65	90	96	71	82	118	87	102	80	19	65
24	123	73	95	92	62	74	142	82	101	101	7	56
25	118	85	103	88	43	68	132	63	89	127	54	98
26	107	81	95	100	18	53	127	78	98	127	7	83
27	106	59	87	124	77	94	114	61	84	90	4	35
28	98	41	83	103	84	95	98	4	70	127	19	88
29	87	7	41	137	13	89	104	8	70	127	68	97
30	89	18	56	100	50	79	126	17	89	109	30	88
31	---	---	---	89	37	73	105	10	74	---	---	---
MONTH	123	7	84	137	13	80	142	1	88	---	---	---