

PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3

LOCATION.--Lat 35°21'24", long 76°38'48", 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. 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	16.2, September 4, 1989, September 1, November 10, 18, 1990	0.3, October 11, 1999
SALINITY (BOTTOM), ppt	20.4, November 5, 1990	0.5, October 11, 27, 1999
pH (TOP), standard units	9.2, August 1, 1999	6.6, October 7, 1999
pH (BOTTOM), standard units	9.0, August 28, 1999	6.6, May 27, 2000, July 12, 2001
WATER TEMPERATURE (TOP), °C	33.3, August 20, 1990, July 9, 1991	1.1, January 5, 2001
WATER TEMPERATURE (BOTTOM), °C	32.6, August 1, 1999	1.3, January 29, 2000
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

EXTREMES FOR CURRENT YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY (TOP), ppt	15.9, September 30	3.3, April 10
SALINITY (BOTTOM), ppt	19.8, September 19	4.9, April 9
pH (TOP), standard units	8.9, October 6, August 21,	7.2, July 26, 27
pH (BOTTOM), standard units	8.6, September 6	6.6, July 12
WATER TEMPERATURE (TOP), °C	32.2, August 8	1.1, January 5
WATER TEMPERATURE (BOTTOM), °C	30.0, August 10	1.5, January 4
DISSOLVED OXYGEN (TOP), mg/L	13.8, August 21	4.6, June 14
DISSOLVED OXYGEN (BOTTOM), mg/L	12.2, January 4	<1.0, August 10, 18, 31, September 1, 2
DISSOLVED OXYGEN, PERCENT SATURATION (TOP),%	178, August 21	58, June 14
DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM),%	123, June 11, 12	<10, August 23, 31, September 1, 2

PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	9.5	8.5	9.1	13.0	12.6	12.8	13.8	13.5	13.6	12.4	11.5	12.2
2	9.0	7.4	8.6	12.8	11.7	12.5	13.9	13.4	13.6	12.5	12.1	12.3
3	7.8	5.1	6.2	12.4	11.5	12.0	14.0	13.1	13.6	12.8	11.6	12.5
4	5.8	4.9	5.4	12.1	11.0	11.6	13.9	13.3	13.5	12.1	11.3	11.9
5	5.5	4.5	5.0	12.7	11.4	12.3	13.5	11.5	12.7	12.5	11.1	11.9
6	6.1	5.1	5.4	12.1	11.3	11.7	12.3	11.5	11.8	12.4	11.9	12.2
7	7.1	5.3	6.2	13.3	11.3	12.0	11.5	10.6	11.2	12.2	11.4	11.8
8	7.9	6.4	7.0	13.6	11.1	12.1	11.5	10.9	11.2	11.7	10.9	11.3
9	9.8	7.3	8.7	13.9	11.5	12.5	12.1	11.2	11.6	12.6	11.1	11.9
10	10.4	7.4	8.6	14.4	13.1	13.9	12.2	11.5	11.9	13.0	10.4	12.0
11	8.9	7.3	8.4	14.3	13.8	14.0	11.7	11.2	11.4	12.0	10.4	11.3
12	9.3	7.4	8.7	14.5	14.1	14.3	11.9	11.3	11.6	12.8	11.4	11.8
13	9.5	8.5	9.0	14.3	13.2	13.7	12.4	11.9	12.2	14.3	12.8	13.7
14	9.1	8.4	8.8	13.7	13.3	13.5	12.7	12.0	12.3	14.1	11.8	13.0
15	9.0	8.4	8.7	14.0	13.6	13.9	12.8	12.2	12.6	12.4	11.3	11.7
16	9.0	8.4	8.7	13.6	12.8	13.2	12.8	12.4	12.6	13.3	12.0	12.7
17	9.5	8.5	8.9	14.0	13.2	13.5	13.4	12.5	12.8	13.1	12.5	12.8
18	10.0	9.0	9.5	14.2	13.8	14.0	13.2	12.0	12.6	13.1	12.3	12.7
19	10.7	9.5	10.1	14.1	13.7	13.9	12.9	11.7	12.6	14.0	12.0	13.0
20	10.9	10.0	10.4	14.1	13.5	13.7	12.8	12.3	12.6	13.7	12.9	13.3
21	10.4	9.4	9.6	13.9	13.4	13.7	13.0	12.3	12.7	13.7	13.2	13.5
22	12.2	9.3	10.1	14.3	13.1	13.8	12.7	11.6	12.1	13.7	13.5	13.6
23	12.3	10.6	11.5	13.9	12.7	13.4	12.7	12.0	12.3	14.0	13.5	13.7
24	12.5	10.5	11.7	14.1	13.7	14.0	12.3	10.0	11.1	13.9	11.3	13.3
25	11.6	10.5	10.9	14.3	13.8	14.1	12.2	11.0	11.8	13.5	11.3	12.9
26	12.6	11.1	12.0	14.1	13.3	13.6	11.8	10.9	11.4	13.6	11.3	12.4
27	13.1	12.1	12.6	13.9	12.9	13.5	11.0	9.6	10.2	13.1	12.2	12.8
28	12.8	11.7	12.3	13.7	13.0	13.4	12.0	9.7	10.8	13.0	12.5	12.8
29	13.1	11.5	12.4	13.7	13.1	13.3	11.8	10.2	10.7	12.6	12.1	12.4
30	13.0	11.5	12.6	13.7	13.4	13.5	11.7	9.3	10.5	14.4	12.4	13.2
31	13.0	12.3	12.7	---	---	---	12.2	10.4	11.2	13.1	12.6	12.9
MONTH	13.1	4.5	9.3	14.5	11.0	13.2	14.0	9.3	12.0	14.4	10.4	12.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	13.3	13.0	13.1	11.8	10.9	11.3	---	---	---	9.3	8.5	8.9
2	13.2	12.8	13.0	11.1	10.4	10.7	---	---	---	9.3	8.6	9.0
3	13.3	12.9	13.0	10.9	10.5	10.7	---	---	---	8.9	8.5	8.7
4	13.3	13.0	13.2	11.4	10.6	10.9	---	---	---	9.0	8.4	8.7
5	13.2	12.9	13.1	10.7	10.0	10.4	8.4	7.0	7.6	9.2	8.5	8.8
6	13.2	12.4	12.9	12.6	9.3	10.4	8.3	6.9	7.8	11.3	8.8	9.9
7	12.6	12.0	12.3	12.8	10.2	11.4	7.4	6.5	6.9	11.4	9.6	10.4
8	13.1	12.4	12.8	11.7	7.9	10.4	7.4	3.8	5.5	11.3	9.8	10.6
9	13.0	12.2	12.5	11.7	10.3	11.1	5.4	3.7	4.4	10.5	9.3	9.9
10	13.0	12.4	12.7	11.9	11.3	11.7	10.9	3.3	5.2	9.8	9.0	9.4
11	13.6	12.5	13.0	11.5	9.7	10.8	10.2	7.5	8.3	9.9	8.3	9.0
12	13.7	12.6	13.0	11.1	9.2	9.9	8.5	7.2	7.7	9.8	9.1	9.4
13	12.6	12.4	12.5	13.0	10.8	12.0	7.8	6.8	7.4	10.5	9.1	9.7
14	12.6	11.1	12.1	12.1	11.0	11.6	7.6	6.7	7.2	10.6	9.7	10.3
15	12.4	11.5	11.9	11.7	11.0	11.3	7.5	7.1	7.3	10.2	7.4	8.9
16	12.0	11.5	11.8	11.8	11.3	11.6	8.4	7.2	7.8	10.1	8.5	9.3
17	12.9	11.8	12.3	---	---	---	8.6	7.6	8.1	11.3	9.9	10.6
18	13.1	12.0	12.6	12.0	11.4	11.7	8.3	7.5	7.8	11.1	9.9	10.6
19	12.7	11.3	12.1	12.0	11.2	11.8	8.6	7.6	8.0	10.8	9.8	10.4
20	12.3	10.9	11.3	12.7	11.8	12.3	8.5	7.8	8.1	11.3	9.9	10.6
21	11.4	10.9	11.2	---	---	---	8.3	8.0	8.2	11.1	10.1	10.6
22	12.5	11.3	11.7	---	---	---	8.3	7.9	8.1	11.0	10.4	10.7
23	11.7	9.7	11.4	---	---	---	8.3	7.9	8.1	11.3	10.4	10.8
24	12.4	9.3	11.0	11.6	9.5	10.5	8.7	7.9	8.2	11.3	10.2	10.8
25	12.2	11.4	11.9	---	---	---	10.4	8.3	9.0	11.3	10.2	10.8
26	12.0	11.2	11.6	11.7	10.9	11.3	10.5	8.4	9.3	11.5	10.6	11.1
27	12.0	11.4	11.7	11.5	10.9	11.2	9.7	8.9	9.1	11.3	10.2	10.6
28	12.1	10.9	11.5	11.5	10.9	11.2	9.5	8.3	9.0	10.9	10.4	10.7
29	---	---	---	---	---	---	10.0	9.0	9.7	10.9	9.9	10.5
30	---	---	---	---	---	---	10.0	8.8	9.3	11.4	10.1	10.5
31	---	---	---	---	---	---	---	---	---	11.7	10.3	11.1
MONTH	13.7	9.3	12.3	---	---	---	---	---	---	11.7	7.4	10.0

PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.7	11.2	11.5	5.7	4.9	5.2	12.1	11.5	11.8	11.1	9.7	10.5
2	11.3	10.2	10.8	7.6	5.6	6.7	11.9	11.4	11.6	13.2	10.7	11.5
3	10.4	9.4	10.1	9.9	7.6	9.2	11.8	11.1	11.4	13.1	12.2	12.5
4	10.7	9.5	10.2	9.3	8.2	8.7	11.9	10.9	11.4	13.0	11.7	12.2
5	10.6	9.7	10.2	9.2	8.8	9.0	11.3	10.4	10.9	12.7	12.1	12.3
6	10.7	9.2	9.8	10.6	9.1	9.5	10.9	9.5	10.4	13.4	12.6	12.9
7	9.6	8.5	9.2	10.7	9.5	10.2	10.0	9.4	9.7	13.4	12.0	12.8
8	9.9	8.4	9.1	10.4	9.7	10.1	10.0	9.1	9.6	14.0	12.7	13.3
9	10.4	8.8	9.8	10.3	9.7	9.9	9.8	8.0	9.2	12.9	12.6	12.7
10	10.1	8.2	9.3	10.4	9.7	10.0	10.0	8.6	9.1	13.1	12.6	12.9
11	8.8	7.7	8.3	10.0	9.7	9.8	11.3	9.5	10.5	13.1	12.8	13.0
12	8.9	7.4	8.2	10.7	9.7	10.0	11.7	9.7	10.6	13.9	13.0	13.3
13	10.5	7.2	8.6	11.2	10.2	10.7	11.1	10.4	10.8	14.5	13.5	13.9
14	12.2	10.1	11.3	10.8	10.2	10.3	10.9	9.4	10.3	14.5	13.5	14.0
15	11.4	8.8	10.2	10.8	10.1	10.3	11.8	10.2	11.0	15.1	14.1	14.6
16	10.0	9.0	9.5	10.1	9.5	9.7	11.8	10.1	10.8	15.0	13.7	14.2
17	9.8	9.1	9.4	9.9	9.5	9.7	11.3	10.0	10.5	14.4	13.7	14.1
18	9.3	8.8	9.0	10.0	9.5	9.7	10.9	9.9	10.5	14.4	13.4	14.1
19	9.2	7.3	8.4	10.3	9.4	9.8	10.4	9.8	10.1	14.2	12.6	13.3
20	7.5	5.8	6.8	11.3	10.3	10.7	10.7	9.5	9.9	13.6	12.8	13.2
21	6.5	5.4	6.2	11.8	10.7	11.3	10.3	9.5	9.9	13.4	12.8	13.0
22	7.4	5.3	6.0	11.7	11.1	11.5	11.7	10.3	10.9	13.0	12.7	12.8
23	8.4	6.2	7.3	11.7	10.9	11.3	11.5	10.0	10.7	13.1	12.7	12.8
24	7.5	5.1	6.5	11.7	11.1	11.3	11.0	9.8	10.4	14.9	12.6	13.3
25	8.2	6.6	7.4	11.6	11.0	11.3	11.7	10.8	11.3	13.9	13.4	13.6
26	9.2	6.5	7.7	11.6	11.1	11.3	11.7	10.6	11.2	13.9	13.5	13.7
27	9.0	5.9	6.8	12.4	11.2	11.7	11.1	9.2	10.2	13.9	13.5	13.7
28	7.2	4.9	5.8	12.8	11.7	12.2	---	---	---	14.5	13.7	14.2
29	5.3	4.5	4.9	12.4	11.4	11.8	---	---	---	14.9	14.2	14.6
30	5.0	4.3	4.6	12.0	11.4	11.6	---	---	---	15.9	14.9	15.3
31	---	---	---	12.1	11.5	11.9	10.0	8.9	9.3	---	---	---
MONTH	12.2	4.3	8.4	12.8	4.9	10.2	---	---	---	15.9	9.7	13.3

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.5	8.5	9.2	12.9	12.6	12.7	13.9	13.5	13.7	12.7	12.2	12.4
2	9.8	8.5	9.0	14.0	12.4	12.7	13.9	13.4	13.6	12.5	12.1	12.3
3	10.1	8.2	9.2	14.6	12.3	13.1	14.0	13.1	13.5	13.0	12.3	12.7
4	13.9	6.4	8.6	15.2	12.6	14.1	13.9	13.3	13.6	14.9	11.9	12.5
5	16.1	7.4	13.1	15.3	12.5	13.6	13.4	12.0	13.0	15.1	12.2	13.3
6	14.7	10.3	12.1	15.4	12.7	14.7	13.7	11.5	12.4	13.0	12.1	12.4
7	14.1	6.2	8.3	15.5	13.3	15.0	14.0	11.3	12.6	13.1	11.7	12.4
8	11.3	6.5	7.7	15.5	14.9	15.4	13.9	11.3	12.5	15.2	11.6	12.7
9	9.8	7.5	8.8	15.7	14.1	15.4	13.6	11.4	12.0	14.1	11.7	12.3
10	11.3	8.0	9.4	15.7	13.9	14.6	12.3	11.5	12.0	13.5	11.2	12.6
11	12.5	8.4	9.9	---	---	---	14.4	11.5	12.4	14.7	12.3	13.5
12	10.2	9.2	9.6	14.7	14.3	14.5	14.3	11.6	12.1	15.2	12.1	14.0
13	10.8	9.5	10.0	15.1	14.1	14.5	12.8	11.9	12.2	14.5	12.8	13.8
14	14.7	9.6	11.1	15.0	13.7	14.3	13.8	12.0	12.5	15.1	13.7	14.5
15	13.5	9.2	11.2	14.1	11.1	13.9	12.8	12.3	12.6	15.1	14.3	14.8
16	15.8	9.7	12.4	14.8	13.6	14.2	14.9	12.4	12.7	15.4	12.9	14.8
17	14.9	9.8	12.6	14.7	13.3	13.8	14.6	12.6	13.0	15.4	12.9	14.2
18	13.5	9.6	10.5	14.1	13.8	13.9	13.3	11.9	12.8	15.3	13.0	14.4
19	11.0	9.7	10.4	14.0	13.6	13.8	13.1	12.7	12.9	15.1	13.3	14.3
20	11.1	10.6	10.8	14.3	13.5	13.7	13.0	12.3	12.6	13.7	13.1	13.5
21	15.2	10.4	11.7	13.9	13.4	13.6	---	---	---	13.5	13.3	13.5
22	15.8	10.1	12.5	14.3	13.4	14.0	12.9	11.9	12.2	13.5	13.5	13.5
23	14.2	10.9	12.7	14.1	13.1	13.7	12.8	12.1	12.5	13.9	13.4	13.6
24	12.9	11.6	12.4	14.1	13.7	13.9	13.4	10.7	12.1	13.9	13.5	13.7
25	13.2	11.1	12.5	14.1	13.7	14.0	12.3	11.3	11.8	13.9	12.7	13.2
26	12.6	11.1	11.9	14.0	13.3	13.5	11.9	11.0	11.5	14.5	12.2	13.2
27	12.6	11.9	12.3	13.9	13.3	13.6	11.8	10.6	11.0	14.3	12.5	12.9
28	12.6	11.5	12.2	13.7	13.3	13.5	12.9	10.4	11.3	13.0	12.6	12.9
29	13.1	11.9	12.4	14.3	13.2	13.6	13.0	10.6	12.0	14.4	12.4	12.9
30	13.2	12.0	12.6	13.7	13.4	13.5	12.6	10.6	11.3	15.5	13.0	13.9
31	12.9	12.2	12.6	---	---	---	12.6	10.7	11.6	13.1	12.6	12.9
MONTH	16.1	6.2	11.0	---	---	---	---	---	---	15.5	11.2	13.3

PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	13.3	13.1	13.2	13.0	11.1	11.7	---	---	---	10.0	9.3	9.6
2	13.2	13.0	13.1	13.0	10.9	11.8	---	---	---	11.0	9.2	9.7
3	14.2	13.0	13.1	13.5	11.1	12.0	---	---	---	11.7	8.7	9.9
4	14.5	13.2	13.7	13.3	10.9	11.9	---	---	---	12.2	8.7	10.3
5	13.6	13.0	13.2	13.8	10.1	11.0	13.7	10.2	12.1	11.9	9.0	9.4
6	13.4	12.6	13.1	12.6	9.3	10.4	12.5	7.6	10.3	11.3	9.0	10.0
7	14.0	12.4	13.1	12.8	10.5	11.9	13.7	6.8	7.9	11.4	9.6	10.4
8	13.9	11.7	13.4	14.6	10.6	12.9	13.7	6.0	9.2	11.3	10.2	10.7
9	14.5	12.4	13.1	13.9	11.5	12.7	14.5	4.9	9.0	10.9	9.9	10.3
10	13.2	12.4	12.7	12.3	11.7	11.9	14.4	6.4	12.4	11.3	9.3	10.2
11	13.5	12.6	13.0	11.9	10.7	11.6	13.3	7.6	10.1	11.7	8.5	10.3
12	13.7	12.9	13.4	15.3	10.7	12.7	9.1	7.3	8.0	12.1	8.9	9.7
13	13.3	12.4	12.7	15.4	11.0	12.7	12.6	6.8	7.7	10.6	8.8	9.8
14	13.3	12.2	12.7	13.1	11.6	11.8	12.0	6.7	8.1	11.5	10.2	10.7
15	13.7	12.0	12.7	13.1	11.3	11.9	10.0	6.5	7.8	11.7	9.8	10.8
16	13.7	11.8	12.7	12.0	11.3	11.7	9.3	6.6	7.7	12.9	9.8	11.1
17	13.0	11.8	12.4	---	---	---	10.2	7.2	8.5	12.9	10.6	11.3
18	13.2	12.2	12.8	---	---	---	8.5	6.5	7.6	11.3	10.6	11.0
19	13.5	12.5	13.0	12.0	11.2	11.8	9.7	7.5	8.6	13.7	10.1	10.9
20	13.4	11.1	12.4	12.7	11.8	12.4	10.4	8.1	8.8	13.7	10.7	11.9
21	13.1	11.1	11.4	---	---	---	12.5	8.1	8.6	12.5	9.2	10.9
22	12.5	11.3	11.8	---	---	---	9.8	8.2	8.4	13.4	10.5	10.9
23	12.8	11.3	11.9	---	---	---	9.1	8.1	8.3	12.2	10.7	11.2
24	13.5	11.3	12.6	13.3	10.7	11.7	8.9	8.0	8.3	12.7	11.1	11.7
25	12.9	11.8	12.2	---	---	---	10.4	8.5	9.0	12.9	11.2	11.9
26	13.7	11.7	12.1	11.7	10.9	11.3	10.6	8.5	9.3	12.1	10.7	11.4
27	12.9	11.7	12.0	11.5	11.1	11.3	9.9	9.0	9.4	11.9	9.5	10.9
28	13.0	11.4	12.0	11.5	11.1	11.3	11.5	8.7	9.3	11.1	10.6	10.8
29	---	---	---	---	---	---	10.1	9.5	9.9	11.3	10.4	10.9
30	---	---	---	---	---	---	10.4	9.2	9.9	11.3	9.8	10.5
31	---	---	---	---	---	---	---	---	---	11.5	10.7	11.3
MONTH	14.5	11.1	12.7	---	---	---	---	---	---	13.7	8.5	10.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	11.5	11.0	11.4	8.8	5.2	6.3	12.2	11.7	11.9	18.5	10.6	12.5
2	12.4	9.1	10.9	10.2	5.9	7.1	12.0	11.5	11.7	18.1	11.7	14.8
3	---	---	---	12.0	7.8	9.7	12.1	11.4	11.9	15.6	12.4	13.5
4	---	---	---	9.8	8.3	8.9	12.0	11.7	11.9	14.1	12.5	13.1
5	---	---	---	9.3	8.8	9.0	12.5	11.0	11.7	15.2	12.2	12.8
6	---	---	---	13.3	9.1	10.2	14.0	10.6	11.5	14.7	12.7	13.2
7	10.3	9.2	9.6	12.4	9.7	10.6	11.9	10.3	10.9	15.0	12.5	13.5
8	13.2	9.9	11.6	10.7	10.0	10.3	13.3	9.8	10.4	13.9	12.7	13.4
9	11.5	10.1	10.8	10.7	9.9	10.2	16.0	9.8	11.8	13.8	12.7	13.4
10	12.5	9.8	10.7	11.6	9.9	10.5	17.1	9.7	13.1	13.6	13.0	13.3
11	13.0	9.8	11.3	11.5	9.8	10.3	13.9	11.2	12.2	13.2	12.8	13.0
12	14.3	8.6	10.3	13.7	9.8	10.6	13.3	10.7	11.5	13.9	12.9	13.3
13	14.3	8.3	12.6	13.1	10.3	11.1	11.6	10.4	10.9	14.5	13.5	14.1
14	12.3	10.2	11.2	10.8	10.2	10.3	11.4	10.2	10.7	14.6	13.8	14.3
15	11.2	9.4	10.2	10.9	10.2	10.5	11.8	10.2	11.0	15.2	14.2	14.7
16	9.9	9.2	9.6	11.8	9.8	10.3	12.2	11.1	11.5	15.1	13.8	14.3
17	9.6	9.1	9.4	16.8	10.1	12.2	14.1	10.4	11.8	14.9	13.8	14.4
18	11.1	9.0	9.3	13.9	9.7	10.3	15.9	10.2	11.5	14.9	14.3	14.6
19	11.1	8.8	9.6	11.1	9.5	9.9	14.5	10.0	10.8	19.8	14.2	16.2
20	10.8	7.4	9.8	11.7	10.1	10.7	15.9	9.7	10.9	17.1	14.3	15.5
21	13.0	9.0	10.6	11.8	10.9	11.3	11.5	9.5	10.3	16.7	13.7	14.9
22	13.5	8.3	11.2	13.3	11.3	11.6	14.5	10.4	11.7	19.0	12.8	15.0
23	12.3	7.2	9.1	13.2	11.5	12.0	15.3	10.5	12.5	19.0	13.9	16.4
24	8.6	6.6	7.4	15.6	10.9	12.3	12.9	9.9	10.7	18.8	15.1	17.3
25	11.1	7.4	8.2	13.8	10.9	11.5	11.4	10.7	11.0	16.1	13.7	14.5
26	10.8	7.9	8.8	11.6	10.9	11.2	12.0	10.3	11.0	14.1	13.5	13.7
27	9.4	7.5	8.4	12.3	11.1	11.7	12.9	10.1	11.0	15.2	13.8	14.4
28	8.6	5.9	7.4	12.8	11.6	12.2	17.2	10.0	12.3	15.4	13.9	14.5
29	11.8	5.2	7.3	12.3	11.5	12.0	14.2	9.3	11.4	15.0	14.3	14.8
30	11.1	5.8	8.6	11.9	11.3	11.5	18.2	9.2	14.1	16.0	15.0	15.5
31	---	---	---	12.0	11.5	11.8	18.6	11.7	14.7	---	---	---
MONTH	---	---	---	16.8	5.2	10.6	18.6	9.2	11.6	19.8	10.6	14.3

PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3--Continued

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

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.8	7.6	7.8	7.8	7.5	7.7	7.8	7.7	7.7	8.1	8.0	8.1
2	8.1	7.5	7.7	7.9	7.6	7.8	7.7	7.7	7.7	8.1	8.0	8.0
3	8.6	7.9	8.2	7.9	7.6	7.8	7.7	7.6	7.6	8.1	8.0	8.0
4	8.7	8.2	8.4	7.9	7.5	7.8	7.8	7.6	7.7	8.1	8.1	8.1
5	8.7	8.4	8.6	7.9	7.6	7.8	7.8	7.7	7.7	8.2	8.1	8.1
6	8.9	8.3	8.6	7.9	7.4	7.8	7.8	7.8	7.8	---	---	---
7	8.7	8.5	8.6	7.9	7.4	7.7	7.9	7.8	7.8	8.1	8.0	8.0
8	8.6	8.1	8.3	7.9	7.4	7.7	7.9	7.9	7.9	8.1	8.1	8.1
9	8.2	7.8	8.0	8.0	7.4	7.7	7.9	7.9	7.9	8.1	8.0	8.0
10	8.3	7.8	8.0	7.8	7.5	7.7	7.9	7.9	7.9	8.0	7.8	7.9
11	8.4	8.0	8.2	7.8	7.6	7.7	8.1	7.8	7.9	8.0	7.9	7.9
12	8.3	8.1	8.2	7.9	7.5	7.7	8.1	7.9	8.0	8.0	7.9	7.9
13	8.3	8.1	8.2	8.0	7.5	7.8	8.1	7.9	8.0	7.9	7.8	7.8
14	8.6	8.1	8.4	8.0	7.5	7.8	8.1	8.0	8.0	8.0	7.8	7.9
15	8.6	8.2	8.4	8.0	7.7	7.8	8.1	8.0	8.1	8.0	7.8	7.9
16	8.5	8.2	8.3	8.0	7.5	7.8	8.2	8.1	8.1	7.9	7.8	7.9
17	8.5	8.2	8.3	---	---	---	8.2	8.0	8.1	8.0	7.9	7.9
18	8.4	8.1	8.2	---	---	---	8.3	8.0	8.1	8.2	7.9	8.1
19	8.5	8.0	8.1	---	---	---	8.4	8.1	8.3	8.2	8.1	8.2
20	8.2	8.0	8.1	---	---	---	8.2	8.2	8.2	8.1	8.0	8.1
21	8.2	8.1	8.2	---	---	---	8.2	8.1	8.2	8.0	8.0	8.0
22	8.2	7.9	8.1	---	---	---	8.3	8.2	8.2	8.0	7.8	7.9
23	8.0	7.8	7.9	---	---	---	8.2	8.1	8.1	8.0	7.9	7.9
24	8.1	7.7	7.9	---	---	---	8.3	8.1	8.2	8.2	7.9	8.0
25	8.1	7.9	8.0	---	---	---	8.2	8.2	8.2	8.2	7.9	8.0
26	8.0	7.8	7.9	---	---	---	8.3	8.1	8.2	8.1	7.9	8.0
27	7.9	7.7	7.8	---	---	---	8.4	8.2	8.3	8.1	7.9	8.0
28	7.8	7.6	7.7	---	---	---	8.3	8.1	8.2	8.1	8.0	8.1
29	7.9	7.6	7.7	7.7	7.6	7.6	8.2	8.1	8.2	8.1	8.0	8.0
30	7.8	7.6	7.7	7.7	7.6	7.6	8.2	8.1	8.2	8.0	7.8	7.9
31	7.8	7.5	7.7	---	---	---	8.2	8.1	8.1	7.9	7.9	7.9
MONTH	8.9	7.5	8.1	---	---	---	8.4	7.6	8.0	---	---	---
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.0	7.9	7.9	7.8	7.7	7.8	---	---	---	7.6	7.3	7.5
2	8.0	7.9	8.0	7.8	7.7	7.8	---	---	---	7.7	7.4	7.5
3	8.0	7.9	7.9	7.8	7.7	7.7	---	---	---	7.8	7.5	7.6
4	8.0	7.9	7.9	7.7	7.6	7.7	---	---	---	7.8	7.6	7.7
5	7.9	7.8	7.9	7.7	7.6	7.7	8.0	7.8	7.9	7.8	7.6	7.7
6	7.9	7.8	7.8	7.6	7.5	7.6	8.1	7.8	7.9	7.8	7.5	7.6
7	7.9	7.9	7.9	7.7	7.5	7.6	8.3	7.9	8.1	7.7	7.5	7.6
8	7.9	7.9	7.9	7.8	7.6	7.7	8.6	8.0	8.3	7.8	7.5	7.6
9	8.0	7.9	7.9	7.8	7.7	7.8	8.5	8.1	8.3	7.7	7.4	7.6
10	7.9	7.8	7.9	7.9	7.8	7.8	8.4	7.5	8.0	7.7	7.4	7.6
11	7.9	7.8	7.9	8.0	7.9	7.9	8.1	7.6	7.9	7.8	7.5	7.6
12	7.9	7.7	7.8	8.1	7.9	8.0	8.2	7.8	8.0	7.7	7.3	7.6
13	7.8	7.7	7.7	7.9	7.7	7.8	8.2	7.8	8.0	7.7	7.4	7.6
14	7.8	7.7	7.8	7.9	7.8	7.9	8.3	8.1	8.2	7.8	7.5	7.7
15	7.9	7.7	7.8	7.9	7.8	7.8	8.2	8.0	8.1	7.8	7.4	7.7
16	7.9	7.8	7.9	7.9	7.7	7.8	8.0	7.8	7.9	7.9	7.4	7.6
17	7.8	7.7	7.8	---	---	---	7.9	7.7	7.8	7.9	7.6	7.7
18	7.8	7.7	7.8	7.9	7.8	7.8	7.8	7.7	7.7	7.9	7.5	7.7
19	7.8	7.8	7.8	7.9	7.8	7.8	7.8	7.6	7.7	7.9	7.5	7.7
20	8.0	7.8	7.9	7.8	7.7	7.8	7.9	7.6	7.7	7.9	7.7	7.8
21	8.0	7.9	7.9	---	---	---	7.9	7.7	7.8	7.8	7.5	7.7
22	7.9	7.8	7.8	---	---	---	7.9	7.7	7.8	7.7	7.4	7.5
23	7.9	7.8	7.8	---	---	---	7.9	7.7	7.8	7.8	7.5	7.6
24	7.8	7.8	7.8	7.9	7.8	7.9	7.8	7.6	7.7	7.9	7.6	7.7
25	7.8	7.7	7.8	---	---	---	7.6	7.5	7.6	7.9	7.7	7.8
26	7.8	7.7	7.7	7.8	7.7	7.8	7.7	7.4	7.6	7.8	7.4	7.6
27	7.8	7.7	7.7	7.9	7.8	7.8	7.8	7.5	7.6	7.7	7.4	7.6
28	7.8	7.7	7.7	7.8	7.7	7.8	7.7	7.5	7.6	7.7	7.5	7.6
29	---	---	---	---	---	---	7.7	7.4	7.6	7.8	7.5	7.7
30	---	---	---	---	---	---	7.7	7.4	7.5	7.8	7.6	7.7
31	---	---	---	---	---	---	---	---	---	7.9	7.5	7.7
MONTH	8.0	7.7	7.8	---	---	---	---	---	---	7.9	7.3	7.6

PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3--Continued

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

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

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

PAMLICO RIVER BASIN

285

0208455155 PAMLICO RIVER AT LIGHT 3--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	21.3	20.9	21.1	16.6	15.9	16.2	9.9	8.9	9.2	2.6	2.1	2.4
2	21.7	21.0	21.3	16.1	15.2	15.7	9.0	8.5	8.8	2.5	2.0	2.3
3	22.2	20.3	21.1	16.2	15.1	15.7	8.5	7.0	7.7	2.4	1.7	2.0
4	23.0	21.0	21.6	16.3	15.0	15.6	7.0	6.2	6.7	2.0	1.4	1.7
5	23.1	21.3	22.3	16.3	15.4	15.9	6.6	5.4	6.1	2.2	1.1	1.7
6	24.6	22.4	23.5	16.1	14.8	15.3	6.1	5.5	5.8	---	---	---
7	24.2	22.5	23.3	15.6	14.7	15.2	6.1	5.1	5.6	3.1	1.9	2.6
8	22.5	18.9	20.7	16.2	15.0	15.6	6.3	5.4	5.8	3.1	2.6	2.9
9	19.0	17.6	18.2	17.5	16.0	16.5	6.2	5.7	6.0	3.2	2.7	3.0
10	17.8	16.3	16.9	17.5	16.7	17.1	6.4	5.9	6.2	3.4	2.4	2.8
11	17.8	15.8	16.6	16.7	16.0	16.3	7.0	6.2	6.5	3.8	2.2	3.0
12	18.3	15.7	17.0	16.0	15.1	15.6	7.7	6.7	7.2	4.3	3.3	3.7
13	19.1	16.5	17.4	15.8	14.6	15.1	7.4	6.6	7.1	4.5	3.5	4.0
14	19.6	16.7	17.9	15.0	14.6	14.9	9.6	7.2	8.3	5.4	4.1	4.5
15	20.9	17.5	18.5	14.6	13.7	14.2	9.0	8.3	8.6	6.9	5.1	5.9
16	20.5	17.7	18.5	13.8	13.1	13.5	9.0	8.3	8.5	7.6	5.1	6.2
17	19.8	18.3	18.9	13.5	13.1	13.4	10.8	8.7	9.7	7.3	5.6	6.4
18	19.5	18.9	19.2	13.2	12.4	12.8	9.7	8.1	9.0	7.4	6.4	6.9
19	20.1	18.9	19.4	12.5	11.8	12.1	8.7	7.7	8.4	8.8	6.4	7.2
20	20.0	18.7	19.4	11.9	11.2	11.4	8.4	7.0	7.7	9.8	7.8	8.8
21	20.3	18.3	19.0	11.3	10.0	10.7	7.7	6.8	7.3	7.8	7.0	7.4
22	20.3	18.9	19.4	10.0	8.4	9.3	7.2	6.5	6.9	7.2	6.7	7.0
23	19.5	18.5	19.0	8.9	7.9	8.3	6.5	5.4	5.9	6.9	6.5	6.7
24	20.0	17.8	18.6	8.4	8.0	8.2	5.4	4.5	5.0	7.1	5.9	6.5
25	19.3	17.8	18.5	8.8	8.2	8.4	5.1	4.1	4.7	6.4	5.9	6.2
26	18.8	18.2	18.5	9.2	8.7	9.0	4.1	3.4	3.7	6.2	5.3	5.7
27	18.8	18.2	18.5	10.0	8.9	9.2	3.8	2.9	3.4	6.0	5.1	5.5
28	19.0	18.0	18.5	10.0	8.9	9.3	3.7	3.0	3.4	7.2	5.2	5.8
29	18.4	17.3	17.9	10.1	8.9	9.4	3.4	2.7	3.1	6.5	4.9	5.6
30	17.6	16.9	17.3	9.8	9.4	9.5	3.4	2.8	3.2	8.4	5.9	6.8
31	17.1	16.0	16.7	---	---	---	3.1	1.9	2.5	8.2	7.2	7.6
MONTH	24.6	15.7	19.2	17.5	7.9	13.0	10.8	1.9	6.4	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	8.7	7.7	8.0	11.5	10.3	11.0	---	---	---	20.0	17.2	18.1
2	8.3	7.7	8.1	11.6	10.8	11.1	---	---	---	20.6	18.2	19.1
3	8.5	7.5	7.8	11.4	11.1	11.3	---	---	---	21.3	19.3	20.2
4	7.5	7.2	7.4	11.8	11.0	11.3	---	---	---	22.6	20.0	21.1
5	8.3	7.3	7.7	11.8	10.8	11.3	14.0	12.0	13.1	23.8	21.1	21.9
6	9.0	7.2	7.9	10.8	8.7	9.7	14.8	13.0	13.8	22.4	20.1	21.3
7	9.1	7.7	8.3	8.7	7.8	8.4	17.3	14.5	15.2	20.1	19.4	19.8
8	9.2	7.8	8.5	9.4	7.2	8.3	19.7	15.8	17.5	20.7	19.0	19.8
9	10.6	8.4	9.2	9.2	7.9	8.5	21.4	17.2	18.5	21.3	19.0	19.9
10	10.3	9.5	9.9	9.8	8.4	8.8	21.2	16.4	18.8	23.1	19.7	20.7
11	10.0	8.9	9.5	10.9	8.3	9.5	19.4	16.8	18.6	22.7	20.1	21.0
12	9.0	8.6	8.8	10.6	9.2	10.0	20.6	18.6	19.5	22.5	20.4	21.4
13	9.0	8.8	8.9	12.1	10.1	11.1	20.7	19.5	20.1	22.3	21.2	21.7
14	10.2	8.9	9.3	12.9	11.4	12.0	21.7	19.9	20.3	22.4	21.0	21.7
15	10.9	9.6	10.2	12.6	12.1	12.4	20.1	19.5	19.8	21.7	20.9	21.2
16	11.9	10.6	11.3	12.9	12.0	12.4	19.9	19.0	19.5	21.9	20.6	21.0
17	11.7	10.9	11.4	---	---	---	19.2	17.2	18.4	20.8	19.4	20.2
18	10.9	9.9	10.5	13.2	12.3	12.7	17.2	14.6	15.8	21.5	19.3	20.3
19	10.4	8.5	9.8	12.8	11.6	12.3	16.5	14.6	15.3	23.2	20.7	21.8
20	11.0	9.3	10.2	12.0	11.3	11.5	16.4	14.7	15.6	23.5	21.9	22.6
21	12.2	10.4	11.2	---	---	---	17.1	15.7	16.4	23.5	22.4	22.9
22	11.4	9.6	10.3	---	---	---	19.3	16.5	17.6	24.3	22.6	23.3
23	10.7	9.4	9.8	---	---	---	21.7	17.5	18.7	23.6	23.0	23.3
24	10.3	9.0	9.6	13.3	11.4	12.4	20.4	18.5	19.3	25.8	22.7	23.6
25	11.0	9.5	10.1	---	---	---	19.5	17.5	18.7	24.8	23.5	24.2
26	12.4	10.7	11.4	12.0	11.3	11.6	17.5	16.4	17.0	24.5	23.7	24.1
27	12.3	10.9	11.5	12.4	10.7	11.4	19.8	16.1	17.2	24.6	23.5	24.1
28	11.9	10.9	11.4	12.0	10.9	11.4	17.9	16.4	17.3	24.2	23.5	23.9
29	---	---	---	---	---	---	17.8	16.9	17.3	24.8	23.3	23.8
30	---	---	---	---	---	---	19.1	16.6	17.6	24.4	23.4	23.9
31	---	---	---	---	---	---	---	---	---	23.8	23.1	23.5
MONTH	12.4	7.2	9.6	---	---	---	---	---	---	25.8	17.2	21.8

PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3--Continued

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

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.0	23.0	23.4	29.6	28.4	29.1	26.3	25.2	25.8	27.1	26.4	26.8
2	24.9	23.1	23.9	29.0	27.4	28.3	26.3	25.3	25.8	27.3	26.2	26.7
3	25.7	23.8	24.7	27.5	26.6	27.1	27.9	25.5	26.4	27.1	25.7	26.5
4	25.7	24.6	25.0	27.6	26.4	27.1	28.2	26.3	27.1	26.8	26.0	26.5
5	28.2	24.5	25.7	27.9	26.7	27.2	28.8	26.6	27.5	27.6	25.9	26.6
6	27.2	25.0	26.1	27.7	26.7	27.2	29.5	27.4	28.1	27.1	25.9	26.5
7	27.1	26.4	26.8	27.7	25.9	26.7	31.2	27.3	28.8	27.3	25.5	26.4
8	27.0	26.3	26.7	26.5	25.8	26.0	32.2	28.7	29.8	26.8	25.8	26.3
9	28.0	26.0	26.6	30.0	25.6	27.1	31.6	29.1	29.9	26.9	26.2	26.5
10	28.7	26.2	27.0	28.6	26.5	27.6	31.0	29.5	30.2	27.8	26.4	27.1
11	28.2	26.5	27.1	30.0	27.5	28.5	30.1	29.0	29.5	27.4	26.8	27.0
12	29.2	26.7	27.7	29.4	27.8	28.4	29.7	28.5	29.0	27.4	26.3	26.7
13	28.2	27.3	27.7	27.8	26.8	27.2	29.8	28.6	29.0	27.6	26.0	26.6
14	27.4	26.2	26.6	27.2	26.3	26.8	28.9	28.2	28.5	26.4	25.4	26.1
15	26.4	25.8	26.1	28.5	26.1	27.0	28.8	27.7	28.2	25.4	23.6	24.4
16	27.7	25.5	26.3	28.6	26.3	27.2	29.5	27.4	28.2	23.6	22.5	23.0
17	26.2	25.9	26.1	28.1	26.5	27.1	29.7	27.4	28.3	23.7	22.4	23.0
18	27.2	25.6	26.2	28.0	26.5	27.1	29.3	28.0	28.4	25.2	22.7	23.3
19	28.9	25.8	27.0	27.2	26.6	26.9	29.0	27.4	28.1	23.9	22.5	23.2
20	27.6	26.4	27.0	27.0	26.1	26.5	28.3	27.6	27.9	23.6	23.0	23.4
21	28.9	26.8	27.4	26.8	25.6	26.2	29.5	27.1	27.8	24.7	23.2	23.8
22	28.8	26.9	27.6	27.3	25.8	26.5	29.0	27.4	28.2	25.6	23.7	24.4
23	27.6	26.6	27.1	27.0	26.3	26.6	29.2	27.1	28.1	25.9	24.6	25.1
24	27.7	26.4	27.0	27.3	26.4	26.8	28.1	27.3	27.6	25.7	24.9	25.2
25	28.6	25.8	27.1	28.3	26.7	27.3	27.5	26.8	27.2	25.3	24.6	25.0
26	27.8	26.4	27.2	27.7	27.0	27.4	27.0	26.2	26.6	24.6	22.9	23.6
27	30.9	27.1	28.0	27.3	26.3	26.8	28.9	26.4	27.2	23.6	22.3	22.8
28	31.2	28.2	29.4	27.7	25.8	26.4	---	---	---	22.8	22.0	22.3
29	31.0	28.3	29.4	26.4	25.6	26.1	---	---	---	22.1	21.0	21.6
30	30.6	28.5	29.4	26.1	25.6	25.8	---	---	---	21.0	19.9	20.5
31	---	---	---	26.5	25.2	25.8	27.6	26.2	26.9	---	---	---
MONTH	31.2	23.0	26.8	30.0	25.2	27.0	---	---	---	27.8	19.9	24.9

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

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	21.3	21.0	21.1	16.6	15.9	16.2	9.4	9.0	9.1	2.6	2.1	2.4
2	21.6	21.0	21.2	16.5	15.3	15.8	9.1	8.5	8.8	2.6	2.1	2.4
3	21.6	21.0	21.3	16.5	15.2	15.7	8.5	7.0	7.8	2.4	1.8	2.1
4	21.8	21.2	21.4	16.2	15.9	16.1	7.0	6.3	6.7	2.6	1.5	2.0
5	21.8	21.4	21.5	16.3	15.7	16.1	6.6	5.8	6.3	2.8	1.7	2.3
6	21.9	21.5	21.6	16.4	15.5	16.2	6.6	5.6	6.1	---	---	---
7	23.8	21.6	22.8	16.4	15.7	16.2	6.7	5.5	6.1	2.8	2.0	2.4
8	22.4	19.0	20.8	16.4	16.2	16.3	6.6	5.5	6.1	3.2	2.3	2.8
9	19.0	17.7	18.3	16.8	16.2	16.3	6.6	5.7	6.1	3.2	2.9	3.1
10	17.9	16.6	17.2	17.4	16.2	16.9	6.4	5.9	6.2	3.0	2.4	2.8
11	17.8	16.1	16.9	16.7	16.0	16.3	6.8	6.3	6.4	3.6	2.8	2.9
12	17.5	16.5	17.0	16.0	15.3	15.7	7.6	6.5	7.1	4.2	3.0	3.3
13	17.5	16.5	17.1	15.6	14.9	15.2	7.4	6.7	7.1	4.3	3.5	3.9
14	17.8	17.1	17.5	15.5	14.7	15.2	9.4	7.1	8.2	4.3	4.0	4.1
15	18.0	17.5	17.8	14.7	14.0	14.3	9.0	8.3	8.6	4.5	4.1	4.3
16	18.2	17.9	18.0	14.5	13.4	14.1	8.9	8.2	8.5	6.1	4.2	4.5
17	19.0	18.0	18.3	14.3	13.1	13.6	10.5	8.2	9.6	6.4	4.3	5.1
18	19.6	18.2	19.1	13.2	12.5	12.8	9.7	8.1	9.0	6.8	4.5	5.2
19	19.8	18.9	19.4	12.6	11.8	12.1	9.1	8.4	8.7	8.0	4.6	5.8
20	19.5	18.7	19.1	11.9	11.2	11.4	8.4	7.1	7.8	8.9	7.8	8.2
21	19.5	18.7	19.1	11.4	10.0	10.7	---	---	---	7.8	7.1	7.4
22	19.8	18.8	19.2	10.0	8.9	9.4	7.5	6.5	7.0	7.2	6.7	7.0
23	19.4	18.5	18.9	9.1	8.0	8.5	6.6	5.4	6.0	6.9	6.5	6.7
24	18.5	18.0	18.3	8.4	8.0	8.2	6.4	4.9	5.3	6.6	6.1	6.3
25	19.0	18.2	18.6	8.7	8.1	8.4	5.1	4.2	4.8	6.5	5.9	6.3
26	18.7	18.2	18.5	9.2	8.7	9.0	4.2	3.4	3.8	6.0	5.3	5.6
27	18.8	18.2	18.5	9.5	8.8	9.2	4.0	3.3	3.6	6.0	5.1	5.5
28	18.7	18.0	18.4	9.5	8.9	9.2	3.9	3.3	3.7	5.6	5.2	5.4
29	18.4	17.7	18.0	9.6	9.0	9.4	3.8	2.9	3.3	5.9	5.3	5.6
30	18.3	17.0	17.4	9.8	9.4	9.5	3.6	3.1	3.4	8.2	5.4	6.5
31	17.1	16.2	16.7	---	---	---	3.2	2.4	2.7	8.1	7.2	7.6
MONTH	23.8	16.1	19.0	17.4	8.0	13.1	---	---	---	---	---	---

PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	8.1	7.7	7.9	11.5	10.6	11.1	---	---	---	18.6	17.1	17.8
2	8.3	8.1	8.2	11.3	11.0	11.1	---	---	---	19.3	17.4	18.3
3	8.1	7.5	7.7	11.3	11.1	11.2	---	---	---	20.6	18.0	19.2
4	7.5	7.2	7.4	11.3	11.0	11.2	---	---	---	21.7	18.1	19.5
5	8.0	7.4	7.6	11.7	10.8	11.3	13.5	12.5	12.9	22.0	18.6	21.2
6	8.2	7.4	7.7	10.8	8.7	9.7	14.3	12.8	13.2	22.1	20.1	21.1
7	8.1	7.6	7.8	8.7	7.9	8.4	16.1	13.3	14.6	20.1	19.4	19.7
8	8.6	7.6	8.0	8.7	7.8	8.3	17.0	13.1	15.2	20.7	19.0	19.5
9	10.1	7.8	8.9	8.9	8.3	8.6	17.5	13.2	16.0	20.6	19.2	19.6
10	10.1	9.5	9.9	9.2	8.3	8.7	18.6	13.8	15.2	20.2	19.6	19.9
11	10.1	8.9	9.5	10.1	8.2	8.9	19.2	14.3	17.0	21.2	20.0	20.4
12	9.0	8.6	8.7	9.8	8.6	9.1	20.3	18.5	19.3	21.9	20.4	21.1
13	9.0	8.8	8.9	12.0	8.7	10.7	20.4	16.4	19.7	22.0	21.2	21.6
14	9.4	8.9	9.0	12.6	11.0	11.8	20.3	16.7	19.6	22.4	21.0	21.7
15	10.3	8.9	9.5	12.4	11.2	12.0	20.1	19.1	19.6	21.8	21.3	21.5
16	11.9	9.0	10.5	12.7	11.9	12.2	19.9	18.9	19.4	21.4	20.8	21.1
17	11.7	10.9	11.4	---	---	---	19.5	17.2	18.5	21.2	19.8	20.4
18	11.0	10.0	10.5	---	---	---	17.2	14.6	15.8	20.9	19.7	20.1
19	10.3	9.6	9.9	12.7	11.6	12.3	16.1	14.6	15.3	22.7	20.2	21.1
20	10.7	9.7	10.0	12.0	11.3	11.5	16.3	15.1	15.6	22.9	20.2	21.5
21	11.5	10.4	10.9	---	---	---	17.0	15.7	16.3	23.3	21.4	22.7
22	11.4	9.6	10.3	---	---	---	18.1	16.6	17.0	23.8	22.0	23.0
23	10.2	9.4	9.6	---	---	---	19.1	17.6	18.2	23.6	22.9	23.3
24	9.9	9.3	9.6	12.7	11.7	12.2	20.4	18.6	19.2	23.6	22.7	23.1
25	11.0	9.6	10.1	---	---	---	19.5	17.5	18.8	24.5	22.6	23.7
26	12.3	10.4	11.2	11.9	11.2	11.5	17.5	16.4	17.0	24.4	23.6	24.0
27	11.8	10.9	11.2	11.9	10.7	11.2	17.8	16.2	16.6	24.5	23.6	24.1
28	11.7	10.9	11.3	11.9	11.0	11.4	17.9	16.4	17.2	24.2	23.7	23.9
29	---	---	---	---	---	---	17.8	16.9	17.4	24.1	23.5	23.7
30	---	---	---	---	---	---	18.6	16.6	17.2	24.4	23.4	23.9
31	---	---	---	---	---	---	---	---	---	23.9	23.1	23.5
MONTH	12.3	7.2	9.4	---	---	---	---	---	---	24.5	17.1	21.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	24.0	23.0	23.4	29.5	28.3	28.8	26.3	25.2	25.8	27.0	26.5	26.8
2	24.4	23.1	23.6	28.9	27.5	28.2	26.2	25.3	25.8	26.9	26.4	26.7
3	25.5	23.8	24.5	27.5	26.6	27.1	27.0	25.7	26.0	26.9	26.0	26.6
4	25.3	23.9	24.6	27.6	26.5	27.1	27.0	25.9	26.3	26.7	26.4	26.5
5	27.1	23.8	25.0	27.9	26.7	27.2	27.4	26.1	26.5	27.3	26.0	26.5
6	26.7	24.0	25.4	27.6	27.0	27.2	28.4	26.6	27.2	27.1	25.9	26.5
7	27.1	26.1	26.7	27.4	25.9	26.6	28.8	27.5	27.9	27.0	25.9	26.3
8	26.9	24.9	26.0	26.8	25.8	26.2	29.2	27.9	28.7	26.8	26.0	26.3
9	26.4	25.9	26.2	26.3	25.6	25.9	29.3	27.2	28.7	27.0	26.3	26.6
10	26.7	25.5	26.2	27.8	25.8	26.4	30.0	26.9	28.7	27.3	26.7	26.9
11	27.1	25.4	26.4	29.0	26.4	27.5	29.6	28.6	29.2	27.3	26.8	27.0
12	28.2	25.6	26.7	29.0	26.7	28.0	29.7	28.2	28.9	27.4	26.3	26.7
13	27.5	25.7	26.3	27.6	26.8	27.1	29.5	28.6	29.0	26.9	26.0	26.4
14	27.3	26.2	26.5	27.2	26.3	26.7	28.9	28.1	28.4	26.4	25.4	26.1
15	26.3	25.8	26.1	27.0	26.2	26.5	28.7	27.7	28.2	25.4	23.6	24.4
16	26.9	25.5	25.9	26.9	26.4	26.7	28.4	27.8	28.0	23.6	22.4	23.0
17	26.2	25.9	26.1	27.1	26.3	26.7	28.5	27.5	28.0	22.9	22.3	22.6
18	26.7	25.6	26.0	27.6	26.5	26.9	28.6	27.9	28.2	23.4	22.5	22.7
19	27.1	25.7	26.3	27.2	26.7	26.9	28.8	27.6	28.1	23.1	22.6	22.8
20	27.1	26.4	26.8	26.9	26.0	26.5	28.5	27.7	28.0	23.7	23.1	23.4
21	27.2	26.3	26.7	26.6	25.6	26.2	27.7	27.1	27.4	23.9	23.1	23.5
22	27.3	26.3	26.8	27.0	25.8	26.2	28.9	27.5	28.0	24.1	23.2	23.7
23	27.6	26.6	27.0	26.8	26.4	26.6	28.5	27.5	28.0	24.5	23.3	23.9
24	27.5	26.7	27.0	27.0	26.2	26.5	28.1	27.4	27.7	25.2	23.5	24.1
25	28.2	26.1	26.9	28.0	26.6	27.1	27.5	26.9	27.2	25.1	24.4	24.7
26	27.8	26.6	27.1	27.7	27.0	27.4	27.0	26.2	26.6	24.6	23.1	23.6
27	28.0	27.0	27.3	27.4	26.4	26.8	26.9	26.3	26.6	23.3	22.6	22.8
28	28.8	27.4	27.9	27.1	25.9	26.3	27.7	26.6	26.9	22.8	21.9	22.3
29	28.8	27.4	28.2	26.4	26.0	26.2	27.5	26.9	27.1	22.1	21.0	21.5
30	28.8	27.8	28.4	26.2	25.6	25.8	27.1	26.5	26.8	21.0	20.0	20.5
31	---	---	---	26.5	25.2	25.7	27.0	26.5	26.8	---	---	---
MONTH	28.8	23.0	26.3	29.5	25.2	26.8	30.0	25.2	27.6	27.4	20.0	24.7

PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.4	7.6	7.9	9.1	8.2	8.5	9.1	8.6	8.9	11.3	10.8	11.0
2	9.3	7.4	8.1	9.4	8.5	8.8	9.1	8.7	9.0	11.3	11.1	11.2
3	11.3	8.4	9.9	9.6	8.6	9.0	9.3	8.8	9.1	11.6	11.0	11.2
4	11.1	9.1	10.0	9.6	8.8	9.2	9.8	9.1	9.4	11.7	11.3	11.5
5	11.1	9.5	10.1	---	---	---	10.2	9.5	9.9	11.8	11.4	11.5
6	11.7	9.0	10.4	---	---	---	10.5	9.9	10.2	---	---	---
7	10.8	8.7	9.4	---	---	---	10.7	10.3	10.5	11.6	11.3	11.4
8	9.1	7.9	8.3	---	---	---	10.8	10.3	10.6	11.9	11.4	11.5
9	9.4	7.8	8.5	---	---	---	10.7	10.4	10.6	11.5	11.2	11.3
10	9.8	8.0	8.8	---	---	---	10.8	10.3	10.5	11.5	10.8	11.1
11	10.7	8.5	9.3	---	---	---	10.8	10.3	10.6	11.5	11.1	11.3
12	10.1	8.9	9.4	---	---	---	10.8	10.3	10.5	11.5	10.9	11.2
13	10.0	8.8	9.3	---	---	---	10.8	10.2	10.5	10.9	10.4	10.6
14	11.1	9.2	9.9	---	---	---	10.6	10.1	10.4	11.1	10.3	10.7
15	10.9	9.4	10.0	---	---	---	10.5	10.0	10.3	11.4	10.6	11.0
16	10.0	9.5	9.7	---	---	---	10.7	10.0	10.3	11.2	10.6	10.9
17	9.8	8.7	9.3	---	---	---	10.3	9.3	9.6	11.3	10.7	10.9
18	9.4	8.3	8.6	8.1	7.3	7.7	10.3	9.1	9.5	11.1	10.6	10.9
19	9.4	7.9	8.7	7.9	7.6	7.7	10.6	9.4	9.8	10.9	9.5	10.3
20	10.2	8.7	9.3	8.3	7.7	8.0	10.2	9.6	9.9	9.6	8.7	9.2
21	10.4	9.2	9.8	8.5	8.1	8.4	10.2	9.6	9.9	9.4	8.9	9.2
22	10.2	8.2	9.5	8.9	8.4	8.6	10.4	9.7	10.0	9.6	8.9	9.2
23	8.7	7.9	8.3	9.6	8.7	9.0	10.3	9.6	9.9	9.5	9.0	9.2
24	8.9	7.6	8.2	9.2	8.8	9.0	11.3	10.1	10.7	10.1	9.0	9.5
25	8.6	8.0	8.2	9.1	8.9	9.0	10.8	10.3	10.5	10.2	9.2	9.6
26	8.3	7.5	7.8	9.2	8.8	9.0	11.1	10.5	10.8	10.2	9.2	9.8
27	8.4	7.6	7.9	9.4	8.8	9.0	11.5	10.9	11.2	10.1	9.5	9.8
28	8.5	7.5	8.0	9.1	8.6	8.9	11.4	10.9	11.1	10.3	9.7	10.0
29	8.7	7.6	8.2	9.1	8.5	8.9	11.4	10.8	11.1	10.7	9.9	10.3
30	8.7	8.0	8.3	8.8	8.5	8.7	11.5	10.9	11.2	10.5	9.1	9.8
31	8.8	8.1	8.4	---	---	---	11.3	10.8	11.0	9.8	9.3	9.6
MONTH	11.7	7.4	9.0	---	---	---	11.5	8.6	10.2	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.9	9.2	9.5	8.5	7.9	8.3	---	---	---	8.6	7.8	8.2
2	9.9	9.4	9.7	8.5	8.0	8.2	---	---	---	8.5	7.8	8.1
3	10.0	9.4	9.6	8.3	7.7	8.1	---	---	---	8.6	7.4	8.1
4	9.8	9.5	9.6	---	---	---	---	---	---	8.0	7.4	7.7
5	9.7	9.3	9.6	---	---	---	10.5	9.8	10.0	7.9	7.5	7.7
6	9.9	9.3	9.6	8.5	7.8	8.3	10.4	9.6	10.0	7.9	7.3	7.6
7	10.1	9.5	9.8	9.2	8.3	8.7	10.6	9.7	10.1	8.0	7.3	7.7
8	10.2	9.7	10.0	9.5	8.8	9.1	11.5	9.6	10.4	8.6	7.6	8.0
9	10.1	9.3	9.9	9.3	8.9	9.1	11.0	9.7	10.2	8.5	7.6	8.1
10	9.7	8.8	9.3	9.5	8.9	9.2	10.5	7.6	9.3	8.6	7.6	8.3
11	9.5	9.0	9.3	10.1	9.2	9.5	8.9	7.7	8.5	8.6	7.5	8.2
12	9.4	8.9	9.2	10.1	9.3	9.8	8.9	8.0	8.4	8.2	7.0	7.8
13	9.4	8.9	9.2	9.3	8.3	8.8	8.9	7.2	8.1	8.2	6.9	7.5
14	9.5	8.9	9.2	9.0	8.4	8.7	8.9	7.8	8.2	8.1	7.3	7.7
15	9.4	9.1	9.2	8.8	8.4	8.6	8.6	7.9	8.2	7.8	7.0	7.5
16	9.3	8.9	9.2	8.6	8.0	8.4	8.1	7.3	7.6	8.6	6.0	7.2
17	9.0	8.3	8.6	---	---	---	7.8	7.2	7.5	8.4	6.9	7.5
18	9.0	8.2	8.6	8.9	8.3	8.6	8.1	7.5	7.8	8.3	7.1	7.7
19	9.2	8.6	8.9	8.8	8.2	8.5	9.5	7.5	8.5	8.5	6.8	7.7
20	9.4	8.8	9.1	8.8	8.4	8.6	9.5	8.5	9.1	8.0	7.3	7.7
21	9.2	8.9	9.0	---	---	---	9.4	9.0	9.2	7.6	6.6	7.2
22	9.0	8.4	8.6	---	---	---	9.4	8.7	9.1	7.1	6.1	6.5
23	9.1	8.5	8.8	---	---	---	9.1	8.6	8.9	6.8	5.9	6.4
24	9.1	8.8	9.0	9.3	8.6	9.0	8.8	8.3	8.6	7.8	6.3	7.0
25	9.0	8.3	8.7	---	---	---	8.4	8.0	8.1	7.9	7.3	7.6
26	8.8	8.1	8.5	9.0	8.5	8.8	8.8	7.8	8.4	7.7	6.4	7.0
27	8.7	8.1	8.4	9.2	8.6	8.9	9.2	8.4	8.8	7.6	6.3	7.2
28	8.6	8.1	8.3	9.9	8.9	9.4	9.1	8.3	8.8	7.2	6.5	6.9
29	---	---	---	---	---	---	8.9	8.1	8.6	7.8	6.3	7.0
30	---	---	---	---	---	---	8.7	8.3	8.5	7.5	6.8	7.2
31	---	---	---	---	---	---	---	---	---	7.5	6.4	7.0
MONTH	10.2	8.1	9.2	---	---	---	---	---	---	8.6	5.9	7.5

PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	7.6	6.6	7.2	8.9	7.1	7.9	---	---	---	7.7	5.7	6.8
2	8.2	6.8	7.5	7.7	6.4	7.1	8.0	7.0	7.5	8.6	6.1	7.3
3	8.1	7.2	7.7	7.9	6.3	7.1	8.6	7.2	7.8	8.2	6.4	7.4
4	7.9	7.2	7.5	7.8	6.4	7.2	8.2	7.1	7.7	7.8	6.4	7.1
5	7.8	6.7	7.4	7.5	6.5	7.0	8.7	7.2	7.9	7.4	6.3	6.7
6	7.4	6.3	6.9	7.9	6.5	7.1	8.1	7.1	7.6	9.5	6.0	7.4
7	7.3	6.5	7.0	8.8	6.3	7.2	8.5	7.0	7.7	9.2	7.0	7.9
8	7.2	6.1	6.8	7.6	6.5	7.0	8.3	6.6	7.4	8.2	6.9	7.5
9	7.4	6.2	6.8	10.8	6.7	8.1	8.5	7.0	7.6	6.9	6.3	6.6
10	7.8	6.6	7.3	9.3	6.8	8.0	8.1	6.7	7.3	7.5	5.7	6.6
11	7.8	7.0	7.3	8.9	6.4	7.5	7.8	6.4	6.8	6.7	5.7	6.2
12	7.3	6.7	7.0	8.1	6.2	6.9	7.4	6.3	6.8	7.9	5.7	6.6
13	6.9	5.7	6.4	7.1	6.1	6.5	7.7	6.2	6.8	9.7	5.9	7.3
14	5.9	4.6	5.5	8.1	6.2	6.9	7.4	6.2	6.8	8.5	6.6	7.4
15	6.4	5.4	5.9	9.5	6.6	7.8	7.9	6.5	7.2	7.7	6.7	7.2
16	8.2	6.1	6.8	8.3	6.3	7.3	11.3	6.8	8.2	8.2	7.2	7.6
17	7.7	6.7	7.1	8.0	6.3	7.0	8.9	6.8	7.8	9.3	7.4	8.1
18	9.0	7.1	7.8	7.8	6.2	6.7	8.1	6.5	7.1	9.5	7.9	8.6
19	9.3	7.5	8.4	8.1	6.1	7.1	8.0	6.0	6.9	9.7	8.2	8.8
20	9.1	8.2	8.7	8.1	6.8	7.5	8.0	6.6	7.2	8.5	7.6	8.1
21	9.4	8.4	8.8	8.2	7.2	7.7	13.8	6.7	9.0	9.0	7.9	8.4
22	9.6	7.8	8.7	8.1	7.0	7.5	9.8	7.1	8.4	9.5	7.8	8.7
23	7.9	6.6	7.4	7.7	6.7	7.3	10.3	7.1	8.5	9.0	8.2	8.6
24	8.7	6.7	7.5	7.3	6.1	6.8	8.3	6.8	7.5	8.4	7.2	8.0
25	9.4	5.9	7.8	7.1	5.5	6.3	7.2	6.5	6.9	7.7	7.0	7.3
26	8.6	6.8	7.7	---	---	---	7.3	5.9	6.8	7.8	6.8	7.3
27	10.6	6.2	7.8	---	---	---	8.7	6.4	7.4	7.7	6.8	7.3
28	9.4	7.9	8.5	---	---	---	---	---	---	7.6	6.8	7.1
29	9.9	7.5	8.4	---	---	---	---	---	---	7.5	6.9	7.1
30	10.0	7.4	8.4	---	---	---	---	---	---	7.2	6.5	6.8
31	---	---	---	---	---	---	8.4	6.1	7.1	---	---	---
MONTH	10.6	4.6	7.5	---	---	---	---	---	---	9.7	5.7	7.5

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	8.0	7.5	7.7	9.0	7.8	8.3	8.1	7.6	7.8	11.4	10.9	11.1
2	8.1	7.0	7.4	8.8	6.6	8.3	8.5	7.8	8.1	11.6	11.4	11.5
3	8.2	6.3	7.3	8.8	6.5	8.0	8.4	7.9	8.1	11.8	11.3	11.5
4	9.1	5.9	7.9	8.7	6.6	7.4	9.5	8.2	9.0	12.2	10.7	11.7
5	8.6	4.4	5.9	9.4	6.7	8.1	9.7	9.2	9.4	11.9	10.8	11.5
6	6.3	3.9	4.9	8.5	6.7	7.3	10.0	8.8	9.5	---	---	---
7	9.1	4.3	7.1	8.3	6.9	7.4	10.1	8.7	9.5	12.1	11.6	11.9
8	8.3	4.9	7.5	7.6	6.8	7.0	10.3	9.0	9.8	12.1	10.2	11.6
9	9.0	7.6	8.3	8.7	6.7	7.1	10.2	9.3	9.7	12.0	10.8	11.7
10	9.2	6.9	8.3	8.8	6.7	8.0	10.2	9.3	9.5	11.8	11.2	11.4
11	9.2	6.9	8.2	8.9	8.4	8.6	9.8	8.6	9.4	11.8	10.9	11.3
12	9.9	8.0	8.9	8.9	8.2	8.5	9.9	8.9	9.6	11.8	10.6	11.1
13	9.4	8.2	8.8	9.1	7.7	8.4	10.7	9.6	10.2	11.5	11.0	11.2
14	9.2	5.6	8.2	9.3	7.6	8.4	10.6	9.8	10.3	11.3	10.6	10.9
15	9.5	5.5	7.7	9.5	8.8	9.2	10.4	9.5	9.9	11.3	10.4	10.8
16	9.0	4.6	6.7	9.2	7.2	8.0	10.5	7.8	10.0	11.6	10.3	10.7
17	---	---	---	9.1	7.5	8.6	10.0	8.3	9.4	11.9	10.3	11.1
18	---	---	---	9.3	8.7	9.0	10.2	9.0	9.4	11.6	10.3	11.0
19	9.2	7.9	8.6	9.0	8.8	8.9	10.6	9.0	9.7	11.4	10.1	10.7
20	9.1	7.8	8.6	9.3	8.9	9.1	11.3	10.0	10.7	10.5	9.9	10.2
21	9.2	2.9	7.5	9.4	9.1	9.3	---	---	---	10.2	9.9	10.1
22	9.1	1.8	6.5	9.6	9.2	9.4	10.3	9.9	10.1	10.4	9.8	10.1
23	8.7	4.3	6.8	9.8	9.3	9.6	10.4	9.6	10.0	10.3	9.9	10.1
24	8.2	6.2	7.5	9.8	9.5	9.7	11.1	9.0	10.5	10.3	9.7	10.0
25	8.4	5.9	7.1	9.8	9.4	9.6	11.0	10.6	10.7	10.5	9.6	10.2
26	8.4	6.3	7.6	9.5	9.1	9.4	11.3	10.8	11.0	10.6	9.7	10.2
27	8.1	7.4	7.7	9.4	8.9	9.2	11.5	10.6	11.3	10.7	9.9	10.5
28	8.2	6.9	7.5	9.2	8.6	8.9	11.6	10.5	11.3	10.9	10.5	10.7
29	8.5	7.2	7.9	8.9	8.1	8.6	11.4	10.7	11.0	11.1	10.3	10.8
30	8.6	7.4	7.9	8.6	7.8	8.0	11.5	10.8	11.3	10.8	9.2	10.2
31	8.6	7.7	8.1	---	---	---	11.5	10.8	11.1	10.3	9.8	10.1
MONTH	---	---	---	9.8	6.5	8.5	---	---	---	---	---	---

PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	10.3	9.6	10.0	8.9	8.0	8.5	---	---	---	8.5	6.9	7.8
2	10.3	9.9	10.1	8.7	7.9	8.3	---	---	---	8.0	6.4	7.4
3	10.4	9.4	10.1	8.5	7.4	8.0	---	---	---	8.9	5.3	7.2
4	10.1	9.1	9.8	8.7	7.2	8.2	---	---	---	8.8	5.1	7.2
5	10.2	9.8	10.0	8.7	7.2	8.1	9.3	7.4	8.2	8.9	5.4	8.2
6	10.5	9.8	10.1	8.8	7.8	8.4	10.3	7.1	8.2	8.3	6.6	7.9
7	10.4	9.6	10.0	9.3	8.1	8.9	10.2	6.6	9.3	8.4	7.4	8.0
8	10.5	9.3	9.9	9.3	8.0	8.6	10.2	6.6	8.6	8.7	7.5	8.0
9	10.3	9.0	9.9	9.6	8.1	8.8	9.7	5.4	8.2	8.5	6.0	7.5
10	9.8	9.2	9.6	9.9	8.9	9.6	9.3	5.9	7.1	8.8	6.8	7.5
11	9.8	9.4	9.6	10.1	9.5	9.8	8.8	5.8	7.5	8.4	6.5	7.2
12	9.6	9.4	9.5	10.0	7.2	9.0	9.1	7.0	8.3	8.1	6.1	7.6
13	9.6	9.2	9.5	9.7	7.1	8.9	8.5	4.4	7.7	8.0	7.0	7.5
14	9.8	9.1	9.5	9.3	8.1	9.0	8.2	4.7	7.6	8.2	5.6	7.4
15	9.6	8.6	9.3	9.1	8.0	8.7	8.8	6.1	7.8	7.1	4.8	6.2
16	9.3	8.0	8.7	9.0	8.4	8.8	8.4	5.1	7.7	7.2	4.6	6.0
17	8.5	7.9	8.2	---	---	---	7.9	5.1	7.1	7.7	4.3	6.5
18	8.5	7.8	8.2	---	---	---	8.0	7.1	7.6	7.8	5.4	6.8
19	8.4	8.1	8.3	9.4	9.0	9.1	8.6	6.8	7.6	8.1	5.1	6.8
20	8.9	8.1	8.5	9.4	9.1	9.3	8.8	7.1	8.1	7.3	2.9	5.6
21	8.8	7.7	8.6	---	---	---	8.9	6.4	8.5	7.2	3.6	6.3
22	8.5	7.9	8.2	---	---	---	9.1	7.8	8.6	6.3	3.7	5.8
23	9.0	8.0	8.5	---	---	---	8.8	8.1	8.5	6.2	4.0	5.7
24	9.1	8.1	8.7	9.6	8.8	9.3	8.6	7.9	8.3	7.6	4.1	6.2
25	9.1	8.1	8.7	---	---	---	8.2	7.8	8.0	7.5	3.3	6.4
26	8.5	7.2	8.0	9.7	9.0	9.4	8.7	7.9	8.3	7.2	4.6	6.4
27	8.5	7.3	8.0	9.6	8.9	9.4	8.9	8.1	8.4	7.4	4.9	6.7
28	8.2	7.1	8.0	10.2	9.2	9.8	9.1	6.9	8.5	7.0	6.2	6.8
29	---	---	---	---	---	---	9.0	7.8	8.5	7.3	5.2	6.4
30	---	---	---	---	---	---	8.9	8.0	8.3	7.1	6.3	6.7
31	---	---	---	---	---	---	---	---	---	6.9	5.6	6.3
MONTH	10.5	7.1	9.1	---	---	---	---	---	---	8.9	2.9	6.9

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.9	6.0	6.6	8.1	5.2	6.6	8.1	6.9	7.4	7.5	.7	5.4
2	7.2	5.7	6.6	7.1	4.9	6.5	7.9	7.0	7.5	6.7	.7	3.3
3	7.8	5.6	7.2	7.1	3.4	6.1	8.5	6.1	7.2	8.2	2.3	6.2
4	7.6	5.2	7.0	7.4	4.8	6.7	7.4	4.3	6.3	7.5	4.3	6.7
5	7.6	4.2	6.6	7.2	6.3	6.8	8.0	4.4	6.1	8.2	2.7	6.5
6	8.3	4.3	6.4	7.6	1.5	5.7	7.9	4.2	6.4	9.4	3.9	7.1
7	8.5	6.5	7.7	7.6	2.3	6.0	7.2	6.0	6.5	9.0	3.2	6.8
8	9.3	4.5	7.0	7.2	5.2	6.6	8.0	5.1	7.0	8.0	6.0	7.2
9	8.8	6.1	7.7	7.4	4.8	6.4	7.2	2.0	5.7	7.2	5.2	6.4
10	9.4	5.3	7.9	7.2	2.9	5.3	6.8	.9	4.2	6.9	3.4	5.9
11	9.7	4.5	7.6	7.2	2.2	5.4	7.0	2.7	5.0	6.6	4.4	6.0
12	9.8	4.8	8.3	7.6	2.4	5.9	7.2	2.9	5.7	7.9	5.6	6.5
13	9.4	4.4	5.8	7.1	2.8	5.7	7.5	5.2	6.5	8.8	5.7	6.8
14	---	---	---	7.0	5.4	6.1	7.3	5.1	6.3	7.9	6.1	6.9
15	---	---	---	6.9	4.5	5.9	7.9	6.5	7.2	7.4	6.3	6.9
16	---	---	---	6.2	3.4	5.3	8.2	5.3	7.1	8.1	6.9	7.4
17	---	---	---	7.6	2.7	5.2	8.1	1.3	5.6	8.2	6.5	7.4
18	---	---	---	8.5	4.4	7.1	7.1	.8	5.3	9.1	6.4	7.6
19	8.6	5.6	7.6	7.8	5.9	7.0	7.6	1.8	5.8	8.0	3.4	6.0
20	8.0	5.6	7.1	7.8	6.6	7.2	7.0	1.3	6.1	8.0	5.6	6.7
21	8.0	3.0	5.7	7.8	6.1	7.2	7.4	4.8	6.2	8.0	4.9	6.1
22	7.1	2.6	4.8	8.0	3.3	6.8	8.9	2.2	6.9	8.8	2.1	6.1
23	7.2	2.5	5.7	7.3	3.2	5.8	9.4	1.5	5.2	7.8	1.2	5.2
24	8.2	4.3	7.0	7.3	1.1	4.9	8.3	3.3	6.8	7.4	2.0	4.1
25	8.9	3.2	6.6	7.3	3.1	6.3	7.6	6.7	7.1	7.6	4.7	6.5
26	7.9	3.4	6.6	6.8	5.9	6.4	7.8	5.9	7.0	7.7	6.8	7.2
27	7.8	3.8	6.4	6.7	5.7	6.2	7.6	2.3	6.5	7.8	5.8	6.9
28	7.5	4.5	6.1	8.4	6.0	6.9	7.9	2.0	5.1	7.5	5.5	7.0
29	7.5	2.1	5.6	7.8	6.7	7.2	7.1	3.5	5.6	7.4	6.8	7.1
30	6.8	3.0	4.9	7.4	6.4	6.9	6.6	1.0	3.6	7.4	6.7	7.0
31	---	---	---	8.3	6.6	7.3	5.4	.6	3.3	---	---	---
MONTH	---	---	---	8.5	1.1	6.3	9.4	.6	6.1	9.4	.7	6.4

PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	94	86	89	92	84	87	80	75	77	83	78	80
2	106	83	91	95	86	89	79	75	77	83	81	82
3	130	94	111	97	86	91	78	75	76	84	79	81
4	129	102	114	97	88	93	80	75	77	84	80	82
5	130	107	117	---	---	---	82	77	80	85	81	83
6	141	105	123	---	---	---	84	79	82	---	---	---
7	129	101	110	---	---	---	85	81	83	87	82	84
8	104	85	93	---	---	---	87	82	85	89	84	86
9	99	83	90	---	---	---	86	84	85	85	83	84
10	102	83	91	---	---	---	87	83	85	85	79	82
11	111	87	96	---	---	---	88	84	86	87	81	84
12	104	91	97	---	---	---	89	84	87	88	83	85
13	105	91	98	---	---	---	90	84	87	83	79	81
14	118	95	105	---	---	---	93	85	88	87	79	82
15	119	99	107	---	---	---	90	86	88	93	83	88
16	109	100	104	---	---	---	93	86	88	93	84	88
17	106	94	100	---	---	---	89	81	85	92	86	89
18	102	90	93	77	69	73	90	79	82	92	87	89
19	103	86	95	73	71	72	91	81	84	90	80	85
20	113	94	102	76	71	73	85	82	83	84	74	80
21	114	98	106	77	74	75	85	80	82	79	73	76
22	113	90	104	77	73	75	85	80	82	80	73	76
23	94	85	89	81	75	76	82	77	80	78	74	76
24	98	81	88	78	75	76	88	80	84	82	73	77
25	93	85	88	78	76	77	85	80	82	83	75	78
26	89	80	83	80	77	78	85	79	82	82	74	78
27	90	81	84	82	76	79	87	82	84	81	74	78
28	92	80	85	81	75	78	85	82	84	84	77	80
29	92	80	87	81	74	78	85	80	83	86	79	82
30	91	84	86	78	74	76	86	81	84	84	76	80
31	91	84	86	---	---	---	83	79	81	82	78	80
MONTH	141	80	97	---	---	---	93	75	83	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	84	78	81	78	71	75	---	---	---	91	83	87
2	84	80	82	77	73	74	---	---	---	94	83	88
3	84	79	81	76	71	74	---	---	---	97	82	90
4	82	79	80	---	---	---	---	---	---	93	82	87
5	82	78	80	---	---	---	99	93	95	91	86	88
6	84	78	81	74	70	73	103	92	97	91	81	86
7	86	80	83	79	71	74	107	96	100	89	80	84
8	88	81	85	82	74	78	124	98	109	96	83	88
9	89	82	86	81	76	78	121	101	109	95	83	89
10	86	78	82	83	76	79	116	78	101	100	84	92
11	83	79	81	89	79	84	96	79	91	99	86	92
12	81	77	79	90	83	87	98	86	91	95	77	88
13	81	77	79	84	74	80	99	80	89	94	78	86
14	84	77	81	85	78	81	99	86	91	94	83	88
15	84	80	82	83	79	81	95	87	90	89	79	85
16	86	82	84	81	75	79	89	79	83	97	67	81
17	83	76	79	---	---	---	83	77	80	92	77	83
18	80	75	77	84	78	81	81	76	79	94	77	85
19	81	76	79	82	76	80	97	74	85	99	76	88
20	85	78	81	81	78	79	97	85	92	93	84	89
21	85	80	83	---	---	---	97	91	94	88	77	84
22	82	75	77	---	---	---	101	89	96	84	71	77
23	82	74	77	---	---	---	100	90	96	80	69	75
24	81	77	79	89	80	84	96	90	93	95	74	83
25	79	75	78	---	---	---	92	84	88	95	88	91
26	81	74	78	84	78	81	91	81	87	92	75	84
27	81	74	77	86	78	82	99	86	91	91	74	85
28	79	74	76	92	81	87	96	85	91	86	76	82
29	---	---	---	---	---	---	94	84	90	94	74	83
30	---	---	---	---	---	---	93	86	89	90	80	85
31	---	---	---	---	---	---	---	---	---	89	75	83
MONTH	89	74	80	---	---	---	---	---	---	100	67	86

PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3--Continued

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

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	90	77	84	117	91	103	---	---	---	97	71	85
2	99	81	90	100	83	91	99	85	93	109	77	91
3	99	85	92	100	79	89	108	88	97	104	79	92
4	96	87	91	99	81	91	105	89	97	98	80	89
5	98	84	91	95	81	89	112	90	100	95	78	84
6	93	77	86	101	82	89	105	90	98	120	74	93
7	92	81	87	112	78	91	111	89	100	117	86	98
8	91	77	85	94	82	87	111	86	98	103	86	93
9	95	76	84	142	83	103	113	92	100	86	79	83
10	100	83	91	118	87	102	109	89	98	96	71	83
11	99	88	92	117	81	97	103	83	90	85	72	78
12	96	84	89	105	80	90	98	82	89	100	71	82
13	89	73	82	90	77	83	101	81	89	123	73	91
14	74	58	68	102	77	87	96	80	88	106	82	92
15	79	67	73	123	82	98	102	83	92	92	81	87
16	104	74	85	107	79	92	147	87	106	97	84	89
17	96	82	88	102	79	88	117	87	101	110	86	95
18	113	87	96	99	77	85	106	83	91	115	92	102
19	119	93	106	103	76	89	104	76	88	115	97	104
20	116	103	110	102	84	93	102	84	93	100	89	96
21	120	106	112	102	89	96	178	85	116	108	93	100
22	124	99	110	102	87	94	127	90	109	116	93	104
23	100	84	93	97	84	92	134	90	110	111	100	104
24	110	84	94	92	77	86	106	87	96	103	88	97
25	121	74	98	92	69	79	92	81	87	94	85	89
26	110	85	97	---	---	---	92	74	84	92	81	86
27	142	79	101	---	---	---	113	80	94	91	79	85
28	126	102	111	---	---	---	---	---	---	88	78	83
29	134	97	111	---	---	---	---	---	---	85	78	81
30	134	96	111	---	---	---	---	---	---	80	72	75
31	---	---	---	---	---	---	107	75	90	---	---	---
MONTH	142	58	94	---	---	---	---	---	---	123	71	90

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

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	91	84	87	92	81	84	71	66	68	84	80	82
2	92	79	84	89	67	84	73	67	70	85	83	84
3	92	71	82	88	67	80	70	67	68	86	82	84
4	103	67	90	88	68	75	78	68	74	89	79	85
5	98	50	68	96	68	82	79	75	77	87	80	84
6	72	44	56	86	68	74	80	72	77	---	---	---
7	109	49	82	84	70	75	81	71	77	89	86	87
8	94	56	84	77	69	72	84	73	79	89	77	86
9	96	80	88	89	69	72	83	76	78	89	81	87
10	96	72	87	91	69	83	82	75	77	87	83	84
11	96	72	85	91	85	88	80	70	77	89	81	84
12	104	83	92	89	83	86	83	73	79	91	79	84
13	96	86	91	90	78	84	89	80	85	87	83	86
14	96	59	85	92	77	83	93	81	88	87	81	84
15	100	58	81	93	86	90	90	82	85	88	80	83
16	96	49	71	89	71	78	90	67	85	93	79	83
17	---	---	---	88	73	82	87	70	83	96	79	88
18	---	---	---	88	82	85	90	77	81	94	80	87
19	101	86	94	85	82	83	91	77	83	92	79	85
20	99	85	93	86	81	83	95	85	90	89	84	87
21	100	32	81	85	82	84	---	---	---	86	83	84
22	98	19	71	84	81	82	85	81	83	86	81	83
23	94	47	74	84	80	82	83	78	80	84	81	83
24	88	67	80	84	81	82	87	73	83	83	79	81
25	90	63	76	83	81	82	86	83	84	85	79	83
26	90	67	82	83	79	81	86	82	84	84	78	81
27	86	79	82	82	77	80	87	81	85	86	79	83
28	88	74	80	80	75	78	87	80	85	87	83	85
29	90	77	83	79	71	75	85	81	83	89	82	86
30	90	77	83	75	68	71	86	82	85	86	74	83
31	89	80	84	---	---	---	84	80	82	86	83	85
MONTH	---	---	---	96	67	81	---	---	---	---	---	---

PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	87	81	85	82	73	77	---	---	---	89	72	82
2	88	84	86	79	72	76	---	---	---	86	67	78
3	87	78	85	78	67	73	---	---	---	97	57	79
4	84	76	82	80	66	74	---	---	---	98	54	79
5	86	81	84	80	65	74	89	69	78	101	58	92
6	88	82	85	77	70	74	101	67	79	95	74	89
7	87	80	84	80	70	76	103	63	92	92	81	88
8	90	78	83	79	68	73	106	63	86	97	82	87
9	91	76	86	83	69	76	101	54	83	94	66	82
10	88	82	85	86	76	82	99	57	71	97	75	83
11	86	82	84	89	82	85	95	57	78	93	71	80
12	83	81	82	88	62	78	100	75	90	92	68	86
13	84	80	82	87	61	80	94	45	84	91	79	85
14	85	79	82	87	74	84	90	48	83	95	63	85
15	85	74	81	85	73	81	98	66	86	80	54	70
16	83	71	78	85	78	82	92	55	84	81	52	68
17	78	72	75	---	---	---	84	55	76	86	49	72
18	76	71	74	---	---	---	81	72	77	88	60	75
19	75	72	73	88	83	86	86	69	76	93	56	76
20	81	72	75	87	83	85	89	71	81	85	33	64
21	80	70	78	---	---	---	91	66	87	83	40	74
22	78	71	74	---	---	---	95	82	89	75	42	68
23	81	70	75	---	---	---	95	87	91	73	47	67
24	80	71	76	91	81	87	94	87	90	89	47	73
25	81	72	77	---	---	---	89	84	86	90	38	76
26	78	64	73	89	83	86	91	82	86	86	55	76
27	78	66	73	89	82	85	93	83	87	89	59	79
28	76	64	73	94	85	89	95	72	88	84	74	81
29	---	---	---	---	---	---	95	82	89	87	62	76
30	---	---	---	---	---	---	95	82	87	85	74	80
31	---	---	---	---	---	---	---	---	---	82	66	74
MONTH	91	64	80	---	---	---	---	---	---	101	33	78

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	82	70	77	106	68	85	100	85	91	95	9	68
2	86	67	79	91	63	83	98	86	92	84	9	41
3	95	67	86	90	43	77	106	75	89	103	29	77
4	92	62	84	95	60	85	93	54	78	93	54	83
5	94	50	80	93	79	86	101	55	76	104	33	81
6	103	52	78	97	18	72	102	53	81	119	48	88
7	107	81	96	96	29	74	92	77	84	112	40	85
8	116	54	86	88	65	82	104	66	91	100	75	90
9	110	75	95	92	59	79	94	25	74	89	65	79
10	117	65	98	92	36	66	89	11	55	87	43	74
11	123	56	95	94	28	68	92	35	66	83	55	75
12	123	60	104	98	30	76	96	38	75	100	70	81
13	120	55	72	90	36	72	99	67	85	111	70	85
14	---	---	---	88	67	76	95	65	82	98	76	86
15	---	---	---	86	56	73	102	83	92	88	76	83
16	---	---	---	77	43	67	105	69	91	95	81	87
17	---	---	---	96	34	65	105	17	72	95	76	86
18	---	---	---	107	55	89	91	10	68	108	74	88
19	108	70	94	98	74	88	99	24	75	94	40	70
20	101	69	89	98	81	90	89	17	79	94	66	79
21	101	38	71	98	76	89	94	61	79	95	57	73
22	90	33	61	101	41	85	114	28	89	105	25	72
23	91	31	72	92	40	72	121	9	67	94	15	62
24	105	54	88	91	13	61	107	43	86	90	24	49
25	114	40	84	94	39	80	96	84	90	92	56	79
26	101	42	84	87	75	81	98	74	88	91	80	85
27	99	48	81	84	72	78	95	29	82	91	68	81
28	96	58	79	106	74	86	100	26	65	88	64	81
29	98	26	72	97	84	90	90	44	71	85	78	81
30	88	39	64	92	79	85	83	13	46	83	74	77
31	---	---	---	103	80	89	68	8	42	---	---	---
MONTH	---	---	---	107	13	79	121	8	77	119	9	78