

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	20.3, August 26, 2002	0.3, October 11, 1999
SALINITY (BOTTOM), ppt	22.5, January 6, 2002, August 13, 2002	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	20.3, August 26	5.9, April 17
SALINITY (BOTTOM), ppt	22.5, January 6, August 13	8.3, April 17
pH (TOP), standard units	8.8, January 29	6.9, June 2, 3
pH (BOTTOM), standard units	8.4, February 17	6.8, April 21, 22, 24, 25
WATER TEMPERATURE (TOP), °C	31.9, July 31	3.9, January 5, 6
WATER TEMPERATURE (BOTTOM), °C	30.7, July 20, 30	3.9, January 5
DISSOLVED OXYGEN (TOP), mg/L	13.3, January 31	3.1, June 2
DISSOLVED OXYGEN (BOTTOM), mg/L	11.1, January 17, 18	<1.0, July 25, 26, 27, August 19, 21
DISSOLVED OXYGEN, PERCENT SATURATION (TOP), %	130, January 31	39, June 2
DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM), %	106, September 20	<10, July 25, 26, August 21

PAMLICO RIVER BASIN

221

0208455155 PAMLICO RIVER AT LIGHT 3--Continued

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

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	15.5	13.8	15.0	16.8	16.2	16.5	18.3	17.5	17.7	19.0	18.2	18.6
2	14.7	13.0	14.0	17.1	16.5	16.8	18.3	17.7	18.0	18.8	18.1	18.4
3	14.8	12.2	13.4	17.0	16.3	16.7	18.6	18.1	18.3	19.3	18.1	18.6
4	14.4	13.7	14.0	17.1	16.3	16.8	18.4	17.4	18.1	19.4	17.5	19.0
5	14.3	13.8	14.1	17.3	16.5	16.9	18.0	16.3	17.4	18.1	17.1	17.6
6	15.5	14.3	14.7	17.8	17.1	17.5	18.0	15.3	16.3	18.3	17.3	17.9
7	15.9	15.1	15.6	17.7	15.9	16.7	16.9	16.0	16.7	18.6	17.7	18.1
8	16.3	15.7	16.0	16.7	15.8	16.2	17.4	16.8	17.1	19.0	18.0	18.7
9	16.7	15.7	16.2	17.5	16.4	16.9	18.2	16.8	17.4	18.5	17.9	18.2
10	17.0	16.5	16.8	17.4	17.0	17.2	17.9	17.6	17.8	18.6	18.1	18.4
11	17.1	16.7	16.9	18.1	17.3	17.6	18.2	17.7	17.9	18.6	17.9	18.3
12	17.1	16.3	16.6	18.4	17.5	18.0	18.4	18.0	18.2	18.8	17.6	18.4
13	16.9	16.5	16.7	18.5	17.7	18.1	18.1	17.8	18.0	18.3	17.1	17.9
14	17.1	16.6	16.9	17.8	17.4	17.6	17.9	17.3	17.6	18.1	16.2	17.0
15	17.0	16.7	16.8	17.8	17.3	17.5	18.3	17.7	18.1	17.4	16.6	17.1
16	17.3	16.9	17.0	18.7	17.7	18.1	18.7	18.1	18.5	17.9	16.4	17.3
17	16.9	16.6	16.7	18.8	17.7	18.1	18.9	18.5	18.6	17.1	14.9	15.8
18	17.2	16.7	17.0	18.3	17.8	18.0	18.6	17.9	18.3	15.9	14.1	15.0
19	17.3	16.7	17.0	18.1	17.6	17.9	18.9	18.1	18.3	19.2	14.6	16.2
20	17.2	16.7	16.9	18.2	17.4	17.7	19.0	18.6	18.8	17.7	16.9	17.4
21	17.1	16.5	16.8	18.3	17.7	18.0	19.0	18.6	18.8	17.5	16.5	17.0
22	17.1	16.8	16.9	17.7	17.2	17.5	18.9	18.7	18.8	16.5	15.5	16.0
23	16.8	16.4	16.6	17.5	17.1	17.3	18.8	18.1	18.3	16.7	15.1	15.9
24	16.9	15.9	16.3	18.6	17.1	18.0	18.8	18.6	18.7	18.3	16.0	17.0
25	16.9	16.2	16.5	18.7	17.5	18.2	19.0	18.8	18.9	18.1	16.3	17.4
26	17.3	16.4	16.9	17.7	17.5	17.6	19.0	18.7	18.8	17.3	15.9	16.9
27	17.7	16.9	17.4	17.7	17.5	17.6	18.8	18.1	18.6	16.3	13.3	15.2
28	17.7	17.5	17.7	17.6	16.8	17.2	18.6	18.2	18.5	16.5	10.4	15.2
29	17.7	16.3	17.4	17.6	16.9	17.2	18.8	18.4	18.5	16.0	6.4	10.1
30	16.9	15.9	16.3	18.8	17.0	17.7	19.2	18.8	19.0	14.1	6.1	10.1
31	16.5	16.1	16.3	---	---	---	19.2	18.2	18.6	15.0	13.1	13.8
MONTH	17.7	12.2	16.2	18.8	15.8	17.4	19.2	15.3	18.1	19.4	6.1	16.7
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	16.4	13.2	15.1	17.0	14.9	16.0	14.4	13.3	14.0	13.3	12.6	12.9
2	17.7	13.2	16.0	17.7	17.0	17.5	14.4	11.7	13.6	13.4	12.5	13.0
3	17.8	16.9	17.4	17.6	16.2	16.7	13.9	12.4	13.1	13.6	12.7	13.2
4	17.2	15.7	16.7	16.9	16.2	16.6	14.9	13.6	14.1	14.6	13.4	14.0
5	17.1	16.1	16.7	17.4	15.7	16.6	14.3	13.1	13.7	14.1	13.3	13.7
6	16.7	15.7	16.1	16.6	15.5	16.0	14.2	13.0	13.2	14.1	13.4	13.7
7	17.5	16.4	17.1	16.3	15.5	15.8	13.4	13.1	13.2	13.9	12.8	13.2
8	17.5	16.9	17.2	16.1	15.3	15.7	13.4	10.7	12.2	13.5	12.6	13.0
9	17.1	16.1	16.6	17.1	15.7	16.0	12.5	11.3	12.1	13.6	13.1	13.3
10	17.4	16.2	16.7	17.1	15.7	16.0	12.3	9.2	11.0	13.3	12.7	13.0
11	17.2	16.9	17.0	16.8	16.0	16.5	10.8	8.8	9.5	13.8	13.0	13.2
12	17.4	17.0	17.2	16.7	16.1	16.4	10.7	7.3	8.7	13.1	12.2	12.7
13	17.4	17.0	17.1	16.3	15.6	16.0	10.4	9.2	9.8	13.2	12.6	12.9
14	17.9	17.1	17.7	16.1	15.1	15.6	9.2	8.0	8.7	13.5	11.5	12.9
15	17.5	16.7	17.0	15.3	13.1	14.7	9.0	7.3	8.0	13.9	12.6	13.4
16	17.1	13.6	15.8	15.3	12.5	14.4	9.2	7.3	8.3	13.5	12.4	13.0
17	16.4	13.3	14.5	15.3	12.5	14.6	8.1	5.9	7.2	13.6	13.3	13.5
18	17.1	13.3	15.7	15.5	13.9	14.5	7.8	6.8	7.4	15.8	13.4	14.1
19	14.9	11.5	12.9	14.9	13.5	14.2	8.4	7.3	7.7	15.5	14.2	14.8
20	17.1	13.1	15.2	15.7	13.7	14.9	8.7	7.5	8.2	15.4	14.3	15.0
21	16.6	14.9	15.4	15.7	15.0	15.3	10.6	7.7	8.9	15.3	13.9	14.7
22	15.0	14.5	14.8	15.6	14.9	15.2	11.1	9.7	10.4	15.4	14.1	15.2
23	16.1	14.9	15.4	15.7	13.7	14.9	11.3	10.3	10.6	14.5	13.5	13.9
24	16.8	15.8	16.2	14.5	13.9	14.2	12.2	11.2	11.6	14.6	13.8	14.1
25	16.6	15.1	15.7	14.1	13.4	13.8	12.4	11.5	11.9	14.9	13.8	14.3
26	17.9	15.6	16.5	14.8	12.8	13.7	12.6	11.7	12.1	13.9	12.9	13.5
27	17.4	16.2	16.7	15.3	14.0	14.5	13.1	12.2	12.6	14.3	13.0	13.6
28	17.1	15.2	16.4	15.4	14.6	14.9	13.4	12.5	12.9	14.9	13.9	14.3
29	---	---	---	15.5	15.0	15.3	13.0	12.5	12.8	15.8	14.5	15.2
30	---	---	---	15.3	14.4	14.8	13.6	12.7	13.2	15.5	14.0	14.5
31	---	---	---	14.7	13.9	14.3	---	---	---	15.0	14.5	14.7
MONTH	17.9	11.5	16.2	17.7	12.5	15.3	14.9	5.9	11.0	15.8	11.5	13.8

PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	15.2	14.1	14.7	16.9	15.3	16.0	17.5	16.9	17.2	19.6	19.1	19.3
2	15.1	13.6	14.2	16.6	16.1	16.3	17.7	17.0	17.3	19.6	19.2	19.3
3	15.1	14.2	14.6	16.5	15.9	16.1	18.6	17.5	18.0	19.6	18.6	19.3
4	15.7	14.5	15.0	16.5	16.1	16.3	19.2	17.9	18.5	19.3	17.2	17.8
5	15.0	14.1	14.6	16.6	16.2	16.4	18.6	18.0	18.2	18.6	16.8	17.7
6	15.1	14.2	14.5	17.5	16.2	16.6	18.8	18.0	18.3	18.6	17.5	18.3
7	15.8	13.9	14.9	17.1	16.1	16.5	19.0	18.6	18.8	18.8	17.5	18.2
8	16.7	15.5	16.0	16.6	15.7	16.1	19.6	18.6	19.0	17.9	17.4	17.6
9	16.7	14.9	15.6	16.3	15.7	16.0	19.4	18.6	19.1	18.7	17.5	17.8
10	15.6	14.7	15.2	16.9	16.0	16.5	19.3	18.6	19.1	19.0	17.5	18.1
11	14.9	14.0	14.5	17.6	16.6	17.0	19.1	18.7	18.9	17.7	15.5	16.7
12	14.5	14.0	14.2	17.8	16.9	17.6	18.9	18.7	18.8	17.4	14.8	15.8
13	14.9	14.1	14.4	18.6	17.3	17.9	19.0	18.5	18.7	17.7	17.1	17.4
14	15.1	14.7	14.9	17.6	16.7	17.2	18.7	18.4	18.5	17.5	16.0	16.8
15	15.5	14.2	14.9	17.6	17.0	17.3	18.7	18.4	18.6	17.1	16.7	16.8
16	15.5	14.5	15.0	17.7	16.9	17.4	18.7	18.2	18.4	16.9	15.9	16.5
17	15.8	14.2	15.0	17.5	16.3	16.9	18.8	18.3	18.4	17.1	15.9	16.5
18	16.3	15.3	15.9	17.3	16.5	16.8	18.8	18.3	18.6	17.0	13.5	15.5
19	16.7	15.7	16.1	17.2	16.6	16.9	18.6	18.1	18.4	18.2	16.2	17.1
20	16.9	15.7	16.2	17.5	17.0	17.3	18.6	18.4	18.5	18.1	15.5	17.0
21	17.3	15.7	16.4	17.7	17.3	17.5	19.2	18.5	18.8	17.6	15.7	16.8
22	15.8	15.6	15.7	17.7	16.9	17.4	19.4	18.8	19.2	17.5	16.1	16.7
23	16.3	15.3	15.9	17.9	17.1	17.5	19.6	19.4	19.5	16.9	16.1	16.5
24	15.5	14.9	15.3	17.7	17.3	17.5	19.9	19.4	19.6	17.4	15.5	16.3
25	15.5	15.0	15.2	17.7	15.9	16.9	20.1	19.5	19.8	18.4	15.9	16.9
26	15.7	15.1	15.4	16.9	16.1	16.4	20.3	19.9	20.1	18.4	16.1	16.9
27	16.2	15.5	15.7	17.4	16.7	17.1	20.2	19.6	19.9	17.3	16.2	16.7
28	16.7	15.6	16.0	17.6	17.0	17.2	20.2	19.0	19.8	16.5	14.3	15.6
29	16.4	15.5	15.9	17.3	16.9	17.2	19.7	18.8	19.3	17.1	15.1	16.2
30	17.1	15.9	16.5	17.3	16.9	17.1	19.6	19.2	19.5	17.2	15.9	16.6
31	---	---	---	17.7	17.0	17.4	20.2	19.6	19.9	---	---	---
MONTH	17.3	13.6	15.3	18.6	15.3	16.9	20.3	16.9	18.9	19.6	13.5	17.2

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	15.9	14.8	15.3	17.8	17.3	17.5	20.3	18.2	19.1	19.2	18.5	18.9
2	15.9	14.6	15.1	18.8	17.2	17.6	19.2	17.8	18.4	19.0	18.0	18.5
3	20.1	15.2	17.2	18.5	17.0	17.6	18.8	18.0	18.3	19.5	18.3	18.8
4	20.8	14.9	18.6	17.6	16.8	17.2	18.6	17.9	18.3	19.5	18.1	19.2
5	21.3	15.7	19.4	17.7	16.8	17.3	19.8	18.2	18.5	18.6	17.8	18.2
6	20.9	15.1	18.2	18.1	17.1	17.7	19.8	17.7	18.7	22.5	18.1	19.2
7	16.7	15.3	16.0	17.6	16.6	17.3	20.7	16.9	19.2	19.0	17.9	18.4
8	16.5	16.0	16.2	20.1	16.7	18.0	20.5	17.9	19.6	19.4	18.6	19.0
9	17.8	16.0	16.9	20.7	16.9	18.6	20.4	17.1	18.3	19.6	18.2	18.6
10	18.9	16.9	17.2	20.5	17.4	18.2	19.0	17.7	18.1	18.9	18.4	18.7
11	17.5	16.9	17.1	20.2	17.4	17.9	19.3	17.9	18.3	19.3	18.1	18.6
12	17.3	16.7	17.0	19.2	18.1	18.4	18.4	18.1	18.2	19.4	18.6	19.0
13	17.5	16.7	17.0	18.8	18.0	18.4	18.9	18.1	18.6	19.2	18.0	18.4
14	17.6	16.8	17.0	18.3	17.7	18.0	19.2	17.5	18.4	20.1	18.0	19.1
15	17.1	16.7	16.9	18.6	17.5	17.8	18.8	17.8	18.1	20.5	17.7	19.2
16	17.3	16.9	17.1	19.0	17.8	18.5	19.0	18.1	18.5	20.9	17.9	19.2
17	16.9	16.6	16.8	19.0	17.9	18.5	19.2	18.5	18.8	21.0	16.7	19.0
18	17.5	16.9	17.1	18.8	18.0	18.3	18.8	17.9	18.3	21.0	16.5	19.3
19	17.3	16.7	17.1	19.0	18.1	18.5	19.2	18.1	18.7	21.0	18.7	20.2
20	17.3	16.9	17.0	19.0	17.9	18.4	18.9	18.6	18.7	19.6	17.2	17.8
21	17.1	16.9	17.0	18.6	17.9	18.3	18.9	18.6	18.8	17.8	16.7	17.5
22	17.1	16.9	17.0	20.1	17.5	18.4	19.2	18.6	18.8	19.8	16.4	17.0
23	17.3	16.7	17.0	20.3	17.5	18.8	19.4	18.6	19.0	19.9	17.3	19.0
24	17.5	16.3	17.1	20.1	18.2	19.2	19.2	18.6	18.7	20.5	16.9	18.4
25	17.3	16.5	16.6	19.3	18.2	18.9	19.0	18.8	18.9	18.3	17.3	18.0
26	17.4	16.5	17.0	18.7	18.1	18.5	19.0	18.6	18.8	18.4	17.3	17.7
27	17.7	16.9	17.5	19.4	18.1	18.6	19.1	18.4	18.7	19.1	17.2	18.0
28	17.9	17.6	17.7	20.4	17.7	19.0	19.2	18.2	18.7	19.1	17.5	18.5
29	17.8	17.4	17.7	20.5	18.8	19.7	19.1	18.3	18.7	19.2	17.3	18.7
30	17.6	17.1	17.4	20.4	18.9	20.1	19.2	18.8	19.0	20.4	18.6	19.5
31	17.9	16.6	17.5	---	---	---	19.5	18.2	18.8	21.2	14.9	20.5
MONTH	21.3	14.6	17.1	20.7	16.6	18.3	20.7	16.9	18.6	22.5	14.9	18.7

PAMLICO RIVER BASIN

223

0208455155 PAMLICO RIVER AT LIGHT 3--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	21.2	15.9	19.3	19.2	15.9	17.2	16.1	13.9	14.5	14.3	12.9	13.2
2	20.5	14.1	17.1	18.5	17.0	17.5	16.4	14.0	15.3	14.5	12.8	13.5
3	18.0	17.1	17.7	17.4	16.3	16.7	16.0	13.8	14.7	13.8	13.0	13.4
4	17.4	16.0	17.0	16.7	16.3	16.5	15.0	13.7	14.3	14.6	13.4	14.0
5	17.3	16.4	17.0	17.6	16.4	17.0	14.4	13.5	13.9	14.2	13.2	13.7
6	18.4	16.5	17.1	17.7	15.9	16.6	14.3	13.2	13.5	14.1	13.7	13.9
7	19.2	17.1	17.7	18.1	15.8	16.7	13.6	13.2	13.4	13.9	12.8	13.2
8	18.8	17.3	17.9	18.0	15.9	16.4	13.6	12.4	13.1	15.9	12.9	13.3
9	19.4	17.1	18.2	18.1	15.9	16.9	13.6	12.0	12.6	15.3	13.1	13.9
10	19.7	17.3	18.3	17.1	15.7	16.1	12.8	10.8	12.2	13.5	13.0	13.3
11	17.4	17.1	17.2	17.0	15.9	16.5	12.3	9.9	11.5	---	---	---
12	18.4	17.3	17.7	16.9	16.2	16.6	14.9	11.2	13.1	---	---	---
13	19.0	17.3	17.8	16.8	15.5	16.1	13.8	12.0	12.9	---	---	---
14	18.6	17.5	18.0	17.5	15.5	16.5	16.1	11.7	13.7	---	---	---
15	18.1	17.4	17.7	17.3	15.8	16.8	17.0	8.4	14.1	---	---	---
16	18.8	16.5	17.5	17.9	14.6	15.5	17.0	10.4	13.4	---	---	---
17	18.7	14.0	15.7	17.3	13.9	15.3	17.6	8.3	13.4	13.6	13.3	13.4
18	17.5	14.9	16.5	15.5	14.1	14.7	17.5	8.5	15.2	15.7	13.3	14.1
19	19.0	15.8	17.2	17.1	13.5	15.4	17.9	9.7	15.5	15.5	14.2	14.7
20	19.7	16.7	18.1	16.6	15.0	16.0	18.0	9.0	15.3	15.4	14.3	15.0
21	18.0	16.1	16.9	15.8	15.0	15.2	18.4	11.1	15.1	15.1	14.5	14.8
22	17.5	15.2	16.0	15.6	14.7	15.1	17.7	10.0	13.5	15.2	14.7	15.0
23	19.3	15.1	16.1	15.7	14.3	15.3	11.8	10.4	10.9	15.1	13.7	14.6
24	17.7	16.4	16.8	17.0	14.3	15.5	16.3	11.5	13.0	14.9	13.9	14.3
25	18.8	16.2	17.6	16.6	14.3	15.3	15.7	11.7	12.7	18.4	14.0	14.9
26	19.0	16.3	17.8	18.2	14.3	15.8	13.4	11.8	12.6	17.3	14.4	15.1
27	17.9	16.1	16.6	16.5	14.4	15.3	14.8	12.4	13.2	17.4	14.1	15.4
28	18.2	15.5	16.8	16.6	14.8	15.5	14.2	12.4	13.0	16.1	14.1	15.1
29	---	---	---	15.9	15.3	15.5	13.3	12.5	12.8	16.0	14.9	15.4
30	---	---	---	15.6	14.6	15.1	14.0	12.7	13.2	15.7	14.3	14.9
31	---	---	---	16.5	14.3	15.2	---	---	---	15.3	14.7	14.9
MONTH	21.2	14.0	17.3	19.2	13.5	16.0	18.4	8.3	13.5	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	16.7	13.9	14.9	17.1	16.1	16.7	18.7	17.1	17.6	19.9	19.1	19.6
2	15.1	13.7	14.5	17.0	16.3	16.6	19.9	17.3	18.5	19.5	19.1	19.2
3	16.9	14.3	15.3	16.9	15.9	16.3	19.8	17.8	18.5	19.5	19.1	19.3
4	17.3	15.0	15.8	16.7	16.1	16.3	19.2	18.1	18.7	19.5	17.9	19.1
5	16.6	14.8	15.4	16.5	16.2	16.4	19.4	18.1	18.6	18.5	17.1	17.8
6	16.7	14.7	15.4	17.5	16.2	16.6	19.4	18.3	18.9	18.6	18.2	18.4
7	16.9	14.7	15.3	18.4	16.3	17.2	19.0	18.6	18.8	19.1	18.0	18.7
8	16.7	15.7	16.1	18.1	16.0	16.7	19.4	18.6	18.9	18.0	17.3	17.6
9	16.8	15.5	16.0	19.3	15.9	16.4	19.2	18.4	18.9	18.6	17.5	17.7
10	16.5	15.3	15.7	19.0	16.0	16.6	19.1	18.6	19.0	19.0	17.4	18.1
11	18.1	15.0	16.1	17.6	16.5	17.0	19.0	18.6	18.8	18.1	16.8	17.4
12	18.8	14.3	15.6	18.1	16.9	17.8	19.6	18.6	18.8	19.0	16.6	18.1
13	18.4	14.3	15.3	18.6	17.7	18.2	22.5	18.5	19.2	18.8	17.2	17.7
14	15.5	14.7	15.0	18.6	17.3	17.8	21.6	18.4	18.9	18.0	16.9	17.3
15	16.6	14.8	15.2	18.1	17.0	17.4	18.9	18.4	18.5	18.0	17.0	17.5
16	18.0	15.4	16.4	18.1	17.2	17.7	18.6	18.1	18.4	19.2	16.5	17.4
17	17.9	15.0	16.4	19.3	16.8	17.6	18.7	18.1	18.3	17.2	16.4	16.6
18	17.0	15.7	16.2	19.4	16.7	18.0	18.6	18.4	18.5	18.5	16.8	17.7
19	16.6	15.9	16.2	19.4	16.7	17.1	21.7	18.2	19.3	18.4	16.8	17.6
20	16.9	15.8	16.4	17.5	16.9	17.2	19.6	18.4	18.6	18.3	17.1	17.8
21	17.3	15.8	16.7	18.5	17.2	17.6	21.8	18.4	19.9	18.3	16.5	17.6
22	17.2	15.7	16.4	19.6	17.3	18.2	20.5	19.2	19.7	17.8	16.5	17.3
23	16.7	15.8	16.2	20.7	17.1	17.9	20.5	19.4	19.6	17.7	16.2	16.9
24	18.2	15.5	16.4	19.1	17.1	17.6	22.1	19.5	19.9	17.6	16.2	16.8
25	19.6	15.3	16.4	21.0	17.1	17.7	22.0	19.6	20.3	18.4	16.2	17.2
26	18.5	15.2	15.6	21.3	16.6	19.0	21.6	20.0	20.5	18.4	16.6	17.5
27	16.3	15.5	15.8	20.9	17.0	17.9	20.3	19.9	20.1	18.1	16.5	17.2
28	16.9	15.9	16.2	19.2	16.9	17.4	20.4	19.9	20.1	19.6	14.9	16.4
29	17.7	15.7	16.6	18.3	16.9	17.3	20.3	19.3	20.1	19.4	16.3	16.8
30	17.6	16.5	16.8	17.7	16.8	17.1	19.9	19.2	19.6	17.7	16.3	16.9
31	---	---	---	18.3	17.3	17.7	20.1	19.6	19.9	---	---	---
MONTH	19.6	13.7	15.9	21.3	15.9	17.3	22.5	17.1	19.1	19.9	14.9	17.7

PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3--Continued

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

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.0	7.9	8.0	---	---	---	7.9	7.9	7.9	---	---	---
2	8.1	7.9	8.0	---	---	---	7.9	7.9	7.9	8.1	7.7	7.9
3	8.1	8.0	8.0	---	---	---	7.9	7.9	7.9	8.1	8.0	8.0
4	8.1	7.9	8.0	---	---	---	8.0	7.9	7.9	8.0	8.0	8.0
5	8.0	7.8	8.0	---	---	---	8.0	7.9	7.9	8.0	8.0	8.0
6	8.0	7.9	8.0	---	---	---	7.9	7.9	7.9	8.0	8.0	8.0
7	8.0	7.8	8.0	---	---	---	7.9	7.9	7.9	8.0	8.0	8.0
8	8.1	8.0	8.0	---	---	---	8.0	7.9	7.9	8.0	7.9	8.0
9	8.2	7.9	8.0	7.9	7.8	7.9	7.9	7.9	7.9	8.0	8.0	8.0
10	8.1	7.8	8.0	7.9	7.9	7.9	7.9	7.9	7.9	8.0	8.0	8.0
11	8.1	7.8	7.9	7.9	7.8	7.8	7.9	7.9	7.9	8.0	8.0	8.0
12	7.9	7.8	7.9	7.8	7.8	7.8	7.9	7.9	7.9	8.0	8.0	8.0
13	7.9	7.8	7.9	7.8	7.8	7.8	8.0	7.9	7.9	8.0	8.0	8.0
14	7.8	7.7	7.8	7.8	7.8	7.8	8.0	7.9	8.0	8.1	8.0	8.0
15	7.9	7.8	7.8	7.8	7.8	7.8	8.0	7.9	7.9	8.1	8.0	8.0
16	7.9	7.8	7.8	7.8	7.8	7.8	8.0	7.9	7.9	8.1	8.0	8.1
17	7.9	7.8	7.8	7.8	7.8	7.8	8.0	7.9	7.9	8.2	8.0	8.1
18	7.9	7.8	7.8	7.8	7.8	7.8	8.0	7.9	7.9	8.2	8.1	8.2
19	7.9	7.8	7.8	7.9	7.8	7.8	8.0	7.8	7.9	8.2	8.0	8.1
20	7.9	7.8	7.9	7.8	7.8	7.8	8.0	7.9	7.9	8.1	8.0	8.0
21	7.9	7.8	7.9	7.8	7.8	7.8	8.0	7.9	7.9	8.1	8.0	8.1
22	7.9	7.8	7.8	7.8	7.8	7.8	---	---	---	8.2	8.1	8.1
23	7.9	7.8	7.9	7.8	7.8	7.8	---	---	---	8.2	8.1	8.1
24	7.9	7.8	7.9	7.8	7.7	7.8	---	---	---	8.1	8.0	8.0
25	7.9	7.8	7.8	7.8	7.7	7.8	---	---	---	8.0	8.0	8.0
26	7.9	7.8	7.8	7.9	7.8	7.8	---	---	---	8.1	8.0	8.0
27	7.9	7.8	7.8	7.9	7.7	7.8	---	---	---	8.3	8.1	8.1
28	---	---	---	7.9	7.8	7.8	---	---	---	8.5	8.1	8.2
29	---	---	---	7.9	7.8	7.8	---	---	---	8.8	8.1	8.5
30	---	---	---	7.9	7.8	7.9	---	---	---	8.5	8.0	8.2
31	---	---	---	---	---	---	---	---	---	8.6	8.2	8.3
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.3	8.1	8.2	8.1	8.0	8.0	7.8	7.6	7.7	7.6	7.2	7.4
2	8.3	8.1	8.2	8.0	7.9	8.0	7.8	7.7	7.7	7.6	7.3	7.4
3	8.2	8.1	8.1	7.9	7.9	7.9	7.8	7.6	7.7	7.6	7.3	7.4
4	8.2	8.1	8.2	7.9	7.9	7.9	7.7	7.4	7.6	7.5	7.3	7.4
5	8.2	8.1	8.2	8.0	7.9	7.9	7.8	7.6	7.7	7.6	7.3	7.4
6	8.2	8.1	8.2	8.0	7.9	7.9	7.7	7.6	7.6	7.9	7.4	7.6
7	8.1	8.0	8.0	7.9	7.9	7.9	7.8	7.5	7.7	7.8	7.6	7.7
8	8.1	8.0	8.0	8.0	7.9	8.0	7.7	7.5	7.6	7.9	7.6	7.7
9	8.3	8.1	8.2	8.0	7.8	7.9	7.8	7.4	7.6	7.8	7.6	7.7
10	8.3	8.2	8.2	7.9	7.8	7.9	7.9	7.4	7.6	8.1	7.4	7.8
11	8.2	8.1	8.2	7.9	7.7	7.8	8.1	7.5	7.7	8.0	7.7	7.8
12	8.2	8.1	8.1	7.8	7.8	7.8	8.3	7.3	7.7	7.9	7.7	7.8
13	8.2	8.1	8.1	7.8	7.8	7.8	8.0	7.2	7.5	7.8	7.6	7.7
14	8.1	8.1	8.1	7.8	7.7	7.8	8.3	7.3	7.7	7.8	7.6	7.7
15	8.2	8.1	8.2	7.8	7.8	7.8	8.1	7.2	7.6	7.8	7.6	7.7
16	8.4	8.2	8.3	7.8	7.7	7.8	8.1	7.2	7.6	7.8	7.7	7.7
17	8.4	8.1	8.3	7.8	7.7	7.7	8.1	7.2	7.7	7.7	7.6	7.6
18	8.3	8.1	8.2	7.8	7.7	7.7	8.1	7.7	7.9	7.7	7.4	7.5
19	8.3	8.2	8.3	7.8	7.7	7.7	8.1	7.7	7.9	7.6	7.4	7.5
20	8.3	8.0	8.1	7.7	7.5	7.6	8.3	7.6	8.0	7.7	7.5	7.6
21	8.2	8.0	8.1	7.5	7.5	7.5	8.1	7.8	8.0	7.7	7.6	7.6
22	8.2	8.1	8.2	7.5	7.4	7.5	8.0	7.7	7.8	7.7	7.6	7.6
23	8.2	8.0	8.1	7.7	7.4	7.5	8.0	7.7	7.8	7.7	7.5	7.6
24	8.1	8.0	8.0	7.8	7.5	7.6	8.0	7.7	7.8	7.7	7.6	7.6
25	8.1	7.9	8.0	7.8	7.3	7.7	7.8	7.3	7.5	7.7	7.6	7.6
26	8.1	7.9	8.0	7.8	7.7	7.8	7.8	7.3	7.5	7.7	7.6	7.7
27	8.1	8.0	8.0	7.8	7.7	7.7	7.7	7.4	7.5	7.8	7.6	7.7
28	8.1	8.0	8.0	7.8	7.6	7.7	7.8	7.3	7.5	7.8	7.7	7.7
29	---	---	---	7.7	7.6	7.7	7.7	7.4	7.5	7.8	7.6	7.7
30	---	---	---	7.7	7.6	7.7	7.7	7.3	7.5	7.7	7.5	7.6
31	---	---	---	7.7	7.6	7.7	---	---	---	7.7	7.4	7.6
MONTH	8.4	7.9	8.1	8.1	7.3	7.8	8.3	7.2	7.7	8.1	7.2	7.6

PAMLICO RIVER BASIN

225

0208455155 PAMLICO RIVER AT LIGHT 3--Continued

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

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

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

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

PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3--Continued

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

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

PAMLICO RIVER BASIN

227

0208455155 PAMLICO RIVER AT LIGHT 3--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	19.9	18.9	19.5	15.8	14.8	15.3	17.8	16.4	16.9	7.9	7.1	7.6
2	20.5	18.2	19.3	16.5	15.0	15.8	17.2	16.6	17.0	7.1	6.2	6.5
3	21.2	18.4	19.6	17.9	15.9	16.7	16.6	15.8	16.2	6.3	5.4	5.9
4	21.4	19.6	20.4	17.0	16.4	16.7	16.4	15.6	15.9	5.6	4.4	5.3
5	21.6	20.4	21.0	16.6	15.5	16.2	16.3	14.6	15.6	4.6	3.9	4.3
6	21.8	20.9	21.2	15.5	14.5	15.0	16.2	14.8	15.7	5.1	3.9	4.5
7	20.9	19.8	20.3	15.1	13.7	14.4	16.6	15.6	16.0	5.1	4.8	5.0
8	19.8	18.4	19.1	15.8	13.9	14.4	16.9	16.1	16.4	5.2	4.6	4.8
9	18.6	17.7	18.1	14.8	14.3	14.5	16.5	15.4	16.1	5.2	4.3	4.7
10	19.0	17.9	18.3	14.5	13.7	14.2	15.5	14.9	15.1	5.9	4.7	5.3
11	19.1	18.1	18.7	14.6	14.0	14.3	15.1	14.9	15.0	6.4	5.6	6.0
12	20.2	18.6	19.1	14.1	13.5	13.8	15.3	15.0	15.1	6.5	5.5	6.0
13	20.2	19.0	19.4	13.8	13.0	13.3	15.8	15.1	15.3	7.0	6.0	6.3
14	20.7	19.1	19.7	13.9	13.2	13.5	16.0	15.3	15.7	6.8	5.3	6.2
15	21.0	19.8	20.3	14.0	13.4	13.7	16.1	15.3	15.8	7.3	6.3	6.8
16	20.8	19.8	20.3	14.8	13.8	14.2	15.3	14.6	15.0	7.6	6.6	6.9
17	20.4	18.8	19.3	14.7	14.0	14.3	15.0	14.4	14.7	8.0	6.5	7.3
18	18.8	17.8	18.2	14.8	13.9	14.2	15.1	14.6	14.9	8.3	7.4	7.8
19	18.1	17.1	17.6	14.9	13.9	14.3	14.7	14.1	14.4	8.2	7.6	7.8
20	19.5	17.4	18.1	14.9	14.3	14.6	14.4	13.1	13.9	7.8	7.3	7.6
21	19.3	18.0	18.6	14.4	13.4	14.1	13.2	11.3	12.4	7.5	7.0	7.3
22	20.8	18.5	19.2	13.5	12.9	13.3	11.8	11.1	11.3	8.0	7.0	7.4
23	20.9	19.2	19.7	13.5	12.9	13.2	11.5	9.6	10.7	8.3	7.2	7.7
24	21.5	19.8	20.3	14.9	13.4	14.1	12.0	11.2	11.7	11.3	8.1	8.9
25	21.1	19.8	20.5	15.1	14.2	14.5	11.5	10.7	11.0	10.2	9.1	9.4
26	20.5	18.3	19.4	15.5	14.3	14.8	10.8	10.2	10.5	10.4	8.8	9.1
27	18.6	17.1	17.9	15.9	14.4	15.2	10.3	8.8	9.6	10.6	8.9	9.8
28	17.1	15.6	16.2	16.5	15.4	15.9	9.1	8.3	8.8	11.2	9.5	10.0
29	15.7	13.9	15.2	16.6	15.7	16.0	9.2	8.2	8.6	13.7	9.8	11.9
30	15.8	13.9	14.9	16.8	15.6	16.3	8.7	8.0	8.3	12.8	11.9	12.3
31	15.5	14.7	14.9	---	---	---	8.0	7.2	7.7	14.0	11.9	12.9
MONTH	21.8	13.9	18.8	17.9	12.9	14.7	17.8	7.2	13.6	14.0	3.9	7.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	14.8	13.1	13.8	10.0	7.8	8.8	18.0	16.8	17.3	22.4	20.2	21.0
2	14.8	12.2	13.3	9.6	8.4	8.7	18.6	17.1	18.0	23.3	20.8	21.6
3	12.2	11.0	11.7	11.3	9.4	10.3	19.5	18.1	18.7	23.0	22.1	22.4
4	11.0	9.6	10.6	10.5	9.7	10.2	18.4	16.9	17.7	22.2	20.6	21.2
5	9.6	8.3	8.7	11.5	9.1	9.7	17.2	16.7	16.9	20.6	19.9	20.2
6	8.3	7.3	7.7	9.8	8.6	9.3	16.7	15.7	16.2	22.1	19.5	20.3
7	8.4	7.5	8.1	11.1	9.0	10.0	16.5	15.1	15.7	21.8	20.1	21.0
8	10.0	8.0	8.6	12.1	9.9	11.0	16.2	14.2	15.4	24.3	21.1	22.2
9	9.8	8.0	8.7	12.9	11.1	11.9	17.3	15.8	16.4	24.5	22.4	23.3
10	10.0	8.4	9.1	13.2	12.2	12.7	17.7	16.8	17.1	26.1	22.9	24.0
11	10.2	9.4	9.9	12.5	11.9	12.3	17.9	16.6	17.2	24.7	23.3	23.8
12	10.0	9.1	9.6	12.5	11.9	12.1	19.5	17.1	17.9	26.4	23.0	24.2
13	10.4	9.4	9.8	13.2	12.1	12.6	19.3	17.9	18.5	25.2	23.7	24.5
14	9.8	9.1	9.4	14.6	12.7	13.4	20.0	18.5	19.3	24.5	22.4	23.3
15	10.7	9.0	9.7	15.7	13.2	14.4	21.5	19.2	20.0	22.9	21.9	22.4
16	11.6	9.5	10.4	17.7	14.6	16.1	24.0	19.8	21.4	22.8	21.5	22.1
17	10.4	9.6	10.0	17.3	15.6	16.2	25.7	21.0	22.5	22.9	21.2	22.1
18	9.6	8.4	9.1	15.6	14.5	15.3	25.0	21.9	23.0	23.0	21.7	22.4
19	9.5	7.1	8.5	15.2	14.7	15.0	24.4	22.5	23.3	21.8	20.2	20.9
20	10.4	8.8	9.6	16.0	14.6	15.3	25.9	22.4	23.6	20.4	18.9	19.6
21	12.2	10.3	11.1	15.6	14.7	15.2	24.6	23.4	24.1	20.2	18.9	19.6
22	12.5	11.1	11.7	14.7	13.4	14.0	24.4	23.1	23.7	19.2	18.4	19.0
23	12.0	10.5	11.1	14.6	12.8	13.6	23.6	22.3	22.8	20.0	18.4	18.9
24	10.7	9.8	10.3	14.9	12.4	13.5	22.8	21.2	21.8	21.6	18.5	19.5
25	11.1	9.4	10.2	15.6	13.3	14.3	21.4	20.5	20.8	22.4	19.1	20.3
26	11.5	9.9	10.7	15.7	14.2	15.0	20.9	19.9	20.3	23.6	20.8	22.1
27	11.2	10.0	10.7	15.6	15.0	15.4	20.0	19.6	19.8	23.9	22.5	23.2
28	10.3	9.1	9.5	15.4	14.4	14.8	21.4	19.6	20.3	24.1	22.5	23.3
29	---	---	---	15.6	14.1	14.8	21.7	20.4	21.1	24.0	23.3	23.6
30	---	---	---	17.0	15.2	15.9	22.2	20.3	21.0	24.2	23.4	23.8
31	---	---	---	17.7	16.6	17.1	---	---	---	25.5	23.9	24.5
MONTH	14.8	7.1	10.1	17.7	7.8	13.2	25.9	14.2	19.7	26.4	18.4	21.9

PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3--Continued

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

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	27.9	24.4	25.7	29.2	27.2	27.9	31.8	29.9	30.4	27.2	26.8	27.0
2	27.6	25.2	26.5	29.1	27.2	28.0	30.7	30.0	30.3	26.8	26.3	26.5
3	27.4	26.4	26.8	30.5	27.6	28.4	30.3	29.6	29.9	28.5	25.9	26.7
4	27.4	25.9	26.6	31.4	27.6	28.9	30.1	29.1	29.6	28.4	26.1	27.1
5	28.1	25.9	26.7	30.5	28.0	29.1	29.9	29.1	29.4	27.9	26.9	27.3
6	27.9	26.4	27.0	29.5	28.2	28.8	29.7	28.4	29.1	27.8	26.6	27.2
7	27.5	25.6	26.8	30.5	27.7	28.7	28.4	27.2	28.1	27.1	26.1	26.6
8	25.8	24.7	25.2	29.4	27.6	28.4	27.2	26.6	27.0	26.7	26.0	26.3
9	26.1	24.3	24.9	29.4	27.8	28.5	27.4	26.0	26.7	26.2	25.8	26.0
10	26.8	24.0	25.0	29.2	27.5	28.2	27.4	26.2	26.8	25.8	25.4	25.6
11	26.9	24.6	25.5	28.1	27.0	27.7	28.8	26.3	26.9	26.6	24.7	25.7
12	27.6	25.3	26.1	27.1	26.6	26.8	28.8	26.4	27.1	25.9	24.7	25.3
13	28.4	25.4	26.6	27.0	26.1	26.6	29.2	26.7	27.5	25.5	24.3	24.8
14	27.8	26.1	26.9	27.1	26.5	26.8	28.1	26.8	27.5	25.4	24.8	25.2
15	28.2	26.1	27.1	28.9	26.6	27.4	27.9	27.2	27.4	25.9	24.9	25.4
16	29.3	26.4	27.3	29.5	27.4	28.4	28.6	27.1	27.7	26.0	25.3	25.6
17	27.5	26.5	27.0	30.8	28.3	29.0	28.9	27.5	28.1	26.7	25.5	26.0
18	26.8	26.2	26.6	30.6	27.9	28.7	30.5	27.8	28.6	26.7	25.0	25.9
19	26.4	25.9	26.2	30.2	28.3	29.0	30.1	28.1	28.7	26.6	25.2	25.8
20	26.2	25.7	26.0	31.2	28.9	29.8	29.5	28.0	28.6	28.0	25.6	26.3
21	25.7	25.1	25.5	31.0	29.2	29.7	28.9	28.2	28.6	27.2	25.8	26.4
22	25.9	25.2	25.5	30.1	29.0	29.4	29.9	27.9	28.5	27.9	25.9	26.6
23	27.0	25.3	26.0	29.6	28.6	29.0	30.4	27.6	28.6	27.2	26.4	26.7
24	28.6	25.9	26.9	29.1	28.2	28.6	30.1	28.1	29.0	26.7	25.5	26.1
25	29.1	26.5	27.7	29.2	28.0	28.4	30.1	28.2	29.0	25.8	25.0	25.4
26	28.8	27.1	27.8	29.9	27.9	28.6	29.0	28.3	28.7	25.4	24.7	25.1
27	27.8	27.0	27.5	29.5	28.1	28.5	29.4	28.2	28.7	25.7	24.9	25.4
28	27.9	26.4	27.2	31.5	28.0	29.2	28.5	27.6	28.1	26.6	25.4	25.8
29	30.1	26.9	27.7	31.3	29.0	30.0	28.4	27.2	27.8	25.9	24.9	25.4
30	29.1	27.4	28.1	31.1	29.7	30.4	28.1	27.5	27.8	25.6	24.7	25.1
31	---	---	---	31.9	30.0	30.6	27.5	26.9	27.1	---	---	---
MONTH	30.1	24.0	26.5	31.9	26.1	28.6	31.8	26.0	28.3	28.5	24.3	26.0

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

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	20.0	19.2	19.5	15.4	14.9	15.1	16.6	15.1	15.8	8.4	7.2	7.7
2	19.6	18.6	19.1	15.8	14.9	15.2	17.1	15.9	16.6	7.3	6.1	6.6
3	19.8	19.5	19.7	16.1	15.4	15.8	16.6	15.8	16.3	6.2	5.3	5.8
4	20.2	19.6	19.8	16.9	15.9	16.6	16.3	15.6	15.8	5.6	4.5	5.2
5	20.6	19.7	20.2	16.8	15.4	16.2	16.2	15.6	15.9	4.7	3.9	4.4
6	21.5	20.1	20.6	15.4	14.5	14.9	16.2	15.6	16.0	5.8	4.1	4.9
7	20.8	19.7	20.2	14.9	13.9	14.4	16.2	15.9	16.1	5.1	4.7	4.9
8	19.7	18.4	19.1	14.9	14.2	14.6	16.3	16.0	16.2	5.1	4.5	4.7
9	18.9	17.7	18.2	14.9	14.3	14.6	16.3	15.5	16.1	5.0	4.3	4.7
10	18.9	17.9	18.3	14.9	14.3	14.5	15.5	14.9	15.2	5.6	4.7	5.0
11	19.1	18.0	18.6	14.8	14.0	14.3	15.3	15.0	15.1	6.3	5.3	5.9
12	19.6	18.7	19.0	14.7	13.8	14.0	15.3	15.0	15.1	6.2	5.5	5.8
13	19.5	19.0	19.2	13.9	13.1	13.4	15.4	15.2	15.3	6.5	5.8	6.2
14	20.4	19.2	19.6	13.8	13.2	13.5	15.8	15.3	15.5	6.4	6.0	6.3
15	20.7	19.7	20.2	14.0	13.4	13.7	16.1	15.3	15.8	7.0	6.4	6.6
16	20.6	19.8	20.2	14.7	13.8	14.2	15.3	14.6	15.0	6.8	6.5	6.7
17	20.3	18.7	19.2	14.7	14.0	14.4	15.0	14.4	14.8	7.3	6.6	6.9
18	18.7	17.8	18.2	14.5	13.9	14.2	15.1	14.6	14.9	7.9	6.9	7.3
19	18.0	17.0	17.7	14.6	14.1	14.4	14.8	14.2	14.5	7.8	7.2	7.4
20	18.4	17.7	17.9	15.0	14.4	14.7	14.4	13.1	13.8	7.8	7.4	7.6
21	18.9	18.0	18.4	14.4	13.9	14.2	13.1	11.3	12.4	7.6	7.1	7.4
22	19.5	18.4	18.7	14.4	13.1	13.8	11.8	11.0	11.4	7.8	7.2	7.4
23	19.4	18.8	19.0	14.6	13.0	13.9	11.8	10.5	11.3	8.0	7.6	7.7
24	20.1	18.9	19.3	14.9	13.8	14.3	12.0	11.2	11.7	10.2	7.8	8.6
25	21.1	19.4	20.4	14.9	14.5	14.7	11.6	10.7	11.0	10.1	9.2	9.4
26	20.4	18.2	19.4	14.9	14.6	14.8	10.8	10.2	10.5	9.5	8.8	9.2
27	18.6	17.0	17.8	15.0	14.7	14.8	10.3	9.1	9.8	9.7	9.0	9.2
28	17.0	15.6	16.2	15.3	14.8	15.1	9.8	8.6	9.0	9.6	9.1	9.4
29	15.6	14.9	15.2	15.4	14.7	15.0	9.1	8.3	8.7	9.8	9.2	9.4
30	15.5	14.6	15.1	15.9	14.7	15.0	8.7	8.0	8.3	9.6	9.2	9.3
31	15.2	14.7	15.1	---	---	---	8.4	7.5	7.9	11.6	9.3	9.5
MONTH	21.5	14.6	18.7	16.9	13.0	14.6	17.1	7.5	13.6	11.6	3.9	7.0

PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	13.4	9.5	11.6	9.5	8.3	9.0	17.6	16.7	17.1	21.0	20.2	20.5
2	14.4	11.4	13.1	9.6	8.4	8.8	18.3	16.9	17.4	22.8	20.6	21.4
3	12.2	11.0	11.7	11.1	9.4	10.2	18.5	17.4	18.1	22.5	21.8	22.2
4	11.0	9.6	10.6	10.4	9.7	10.2	18.4	16.9	17.6	22.1	20.5	21.2
5	9.6	8.4	8.8	10.1	9.1	9.5	17.1	16.6	16.9	20.6	19.9	20.2
6	8.4	7.7	8.0	9.7	8.8	9.4	16.6	15.7	16.2	21.0	19.6	20.1
7	8.6	7.8	8.3	10.6	9.5	9.7	16.1	15.1	15.5	21.7	20.2	20.9
8	9.1	8.0	8.3	10.6	9.5	10.3	15.9	15.2	15.6	23.5	20.4	21.5
9	8.8	8.3	8.6	12.8	9.8	10.9	17.2	15.8	16.2	24.1	21.0	22.4
10	9.9	8.5	8.8	13.2	11.8	12.7	17.3	16.5	16.8	24.5	22.8	23.1
11	10.2	9.4	9.8	12.6	11.9	12.2	17.3	16.5	16.9	---	---	---
12	10.0	9.4	9.8	12.4	11.8	12.0	17.3	16.9	17.1	---	---	---
13	10.1	9.4	9.6	12.8	12.0	12.3	17.9	16.9	17.2	---	---	---
14	9.7	9.0	9.4	13.2	12.6	12.8	18.1	17.0	17.4	---	---	---
15	9.5	8.9	9.2	14.4	12.9	13.1	20.6	17.3	17.9	---	---	---
16	10.3	9.3	9.8	16.5	13.3	15.0	20.0	17.8	19.0	---	---	---
17	10.3	9.5	9.9	16.8	14.5	15.7	20.9	17.7	19.4	22.8	21.1	22.1
18	9.6	8.7	9.1	15.6	14.5	15.2	21.9	18.2	19.4	23.0	21.6	22.4
19	9.4	9.1	9.2	15.2	14.7	14.9	22.5	18.6	19.8	21.9	20.2	20.8
20	10.3	9.1	9.6	15.9	14.6	15.0	22.3	18.7	20.1	20.2	18.9	19.6
21	11.1	10.1	10.5	15.6	14.7	15.2	22.9	19.2	20.6	20.1	18.8	19.4
22	11.8	10.6	11.4	14.7	13.3	13.9	24.2	19.4	21.8	19.2	18.4	19.0
23	11.7	10.5	11.0	13.8	13.1	13.5	23.6	22.1	22.7	18.9	18.2	18.6
24	10.6	9.8	10.3	13.9	12.9	13.4	22.2	20.5	21.3	19.9	18.2	18.9
25	10.4	9.7	10.1	14.0	13.5	13.7	21.2	20.5	20.8	20.8	19.1	19.7
26	11.0	10.3	10.6	15.4	13.5	14.4	20.5	19.9	20.2	21.3	19.3	20.7
27	11.1	10.0	10.7	15.5	14.7	15.2	20.5	19.7	20.0	23.2	20.2	21.6
28	10.0	9.1	9.4	15.0	14.3	14.6	21.3	19.6	20.4	23.4	21.0	22.6
29	---	---	---	15.3	14.0	14.8	21.6	20.4	21.0	24.0	21.9	23.3
30	---	---	---	16.9	15.1	15.8	21.6	20.3	20.8	24.0	23.2	23.6
31	---	---	---	17.5	16.2	16.7	---	---	---	24.9	23.7	24.2
MONTH	14.4	7.7	9.9	17.5	8.3	12.9	24.2	15.1	18.7	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	26.4	24.2	25.1	28.2	27.4	27.7	30.4	29.8	30.0	27.1	26.7	26.9
2	27.0	25.2	26.0	28.5	27.2	27.6	30.3	29.5	29.9	26.8	26.3	26.5
3	27.3	25.3	26.3	28.5	27.5	27.9	30.2	29.3	29.8	26.6	25.9	26.2
4	27.1	24.9	25.9	29.2	27.6	28.2	30.1	29.1	29.6	27.1	26.1	26.3
5	26.8	25.8	26.1	29.0	28.0	28.4	29.9	28.9	29.5	27.9	26.9	27.2
6	27.4	25.8	26.4	29.1	28.1	28.6	29.9	28.5	29.1	27.5	26.7	27.1
7	27.2	25.6	26.5	28.7	27.7	28.2	28.5	27.2	28.1	27.1	26.2	26.6
8	25.8	24.7	25.2	28.7	27.7	28.1	27.2	26.6	27.0	26.7	26.0	26.3
9	25.3	24.2	24.6	29.2	27.8	28.3	27.4	26.0	26.7	26.2	25.8	26.0
10	25.1	24.1	24.5	29.0	27.4	28.1	27.4	26.1	26.7	25.8	25.4	25.6
11	25.6	24.5	24.8	28.1	27.0	27.7	27.7	26.3	26.7	25.7	24.9	25.2
12	26.0	24.9	25.6	27.1	26.4	26.7	27.2	26.4	26.8	25.5	25.0	25.3
13	27.2	25.1	25.9	26.9	26.1	26.6	27.8	26.6	27.0	25.2	24.4	24.9
14	27.7	26.1	26.8	27.0	26.5	26.8	27.9	26.9	27.4	25.4	24.9	25.2
15	27.9	26.2	26.7	27.3	26.6	26.8	27.7	27.2	27.4	25.5	25.2	25.4
16	27.3	26.5	26.8	28.9	26.7	27.4	28.4	27.1	27.6	25.9	25.3	25.5
17	27.3	26.6	26.9	28.6	27.0	28.1	28.8	27.5	28.0	26.4	25.4	25.8
18	27.0	26.3	26.7	28.8	27.0	27.8	28.8	27.8	28.3	26.1	25.8	26.0
19	26.4	25.9	26.2	29.4	28.2	28.7	28.7	27.6	28.2	26.5	25.2	25.8
20	26.2	25.7	26.0	30.7	28.8	29.4	28.9	28.1	28.4	26.8	25.5	26.0
21	25.7	25.1	25.5	29.9	29.2	29.4	28.7	27.9	28.3	26.7	25.7	26.2
22	26.1	24.9	25.4	29.6	28.5	29.1	29.0	27.9	28.3	27.2	26.0	26.3
23	26.3	25.4	25.8	29.5	28.0	28.8	29.2	27.7	28.4	27.0	26.5	26.7
24	27.0	25.4	25.9	29.0	28.2	28.6	29.4	28.1	28.6	26.7	25.9	26.1
25	27.8	25.7	26.8	28.6	28.1	28.3	29.1	28.3	28.7	26.0	24.9	25.4
26	28.7	26.6	27.7	28.6	28.2	28.3	29.0	28.5	28.7	25.1	24.6	24.8
27	27.7	27.0	27.4	28.9	28.0	28.4	29.1	28.3	28.5	25.7	25.0	25.3
28	27.9	26.3	27.1	29.1	27.9	28.2	28.6	27.9	28.2	26.2	25.4	25.7
29	28.6	26.9	27.4	30.6	28.9	29.3	28.2	27.6	28.1	25.9	25.3	25.6
30	28.5	27.2	27.7	30.7	29.6	30.1	28.1	27.5	27.8	25.7	24.7	25.1
31	---	---	---	30.5	30.0	30.3	27.5	26.9	27.1	---	---	---
MONTH	28.7	24.1	26.2	30.7	26.1	28.3	30.4	26.0	28.2	27.9	24.4	25.9

PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	7.2	6.4	6.8	---	---	---	8.8	8.5	8.6	---	---	---
2	7.4	6.3	6.9	---	---	---	8.5	8.2	8.4	---	---	---
3	7.2	6.6	6.9	---	---	---	8.5	8.1	8.3	9.8	9.5	9.6
4	6.8	6.1	6.4	---	---	---	9.1	8.2	8.4	10.2	9.4	9.8
5	6.5	5.1	6.0	---	---	---	9.0	8.3	8.6	10.6	10.1	10.4
6	6.5	5.4	6.0	---	---	---	8.8	8.4	8.5	10.6	10.2	10.4
7	6.7	5.5	6.2	---	---	---	8.5	8.3	8.4	10.3	10.1	10.2
8	7.1	5.9	6.6	---	---	---	8.4	8.2	8.3	10.4	10.1	10.3
9	8.0	6.0	6.9	8.4	8.1	8.2	8.2	8.0	8.1	10.6	10.4	10.5
10	7.8	6.0	6.9	8.5	8.1	8.3	8.3	7.9	8.1	10.6	10.3	10.5
11	8.6	5.7	7.5	8.3	8.0	8.2	8.2	7.9	8.0	10.6	10.4	10.5
12	8.4	7.5	8.0	8.3	8.0	8.2	---	---	---	10.6	10.3	10.5
13	8.1	7.2	7.6	8.4	8.1	8.2	---	---	---	10.5	10.2	10.4
14	7.3	6.2	6.8	8.5	8.1	8.2	---	---	---	10.8	10.3	10.5
15	7.3	6.5	6.8	8.3	8.1	8.2	---	---	---	10.8	10.5	10.7
16	7.0	6.5	6.7	8.4	7.9	8.2	---	---	---	10.8	10.4	10.6
17	7.1	6.4	6.7	8.4	8.1	8.2	---	---	---	11.3	10.6	10.9
18	7.1	6.4	6.8	8.7	8.1	8.3	---	---	---	11.5	11.0	11.3
19	7.0	6.4	6.7	8.6	8.2	8.4	---	---	---	11.3	10.2	10.8
20	7.1	6.4	6.7	8.5	8.2	8.3	---	---	---	10.6	10.2	10.4
21	7.0	6.0	6.5	8.5	8.1	8.3	---	---	---	10.5	10.2	10.3
22	---	---	---	8.7	8.2	8.5	---	---	---	10.9	10.2	10.5
23	---	---	---	8.8	8.4	8.6	---	---	---	10.7	10.1	10.4
24	---	---	---	8.6	7.9	8.3	---	---	---	10.2	9.1	9.8
25	---	---	---	8.5	7.8	8.2	---	---	---	9.5	9.1	9.3
26	---	---	---	8.7	8.1	8.5	---	---	---	9.9	9.3	9.6
27	---	---	---	8.7	8.2	8.5	---	---	---	10.6	9.7	10.1
28	---	---	---	8.9	8.1	8.5	---	---	---	11.9	9.7	10.3
29	---	---	---	9.2	8.2	8.7	---	---	---	13.2	10.2	12.0
30	---	---	---	8.9	8.6	8.8	---	---	---	12.0	9.8	10.6
31	---	---	---	---	---	---	---	---	---	13.3	9.9	11.1
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
	FEBRUARY			MARCH			APRIL			MAY		
1	9.9	9.0	9.5	8.9	8.1	8.5	8.4	7.6	8.0	7.3	5.8	6.6
2	9.7	8.6	8.9	8.5	8.1	8.3	8.4	8.0	8.2	7.6	6.2	6.9
3	9.7	8.5	8.9	8.4	8.1	8.2	8.4	7.7	8.1	7.7	6.7	7.0
4	9.7	9.1	9.3	8.4	8.0	8.2	8.0	7.2	7.6	7.3	6.7	6.9
5	9.6	8.8	9.2	9.0	8.1	8.5	8.2	7.5	7.9	7.9	6.9	7.4
6	11.1	9.3	10.2	9.4	8.7	9.0	8.0	7.6	7.8	9.4	7.2	8.2
7	10.5	9.2	9.7	9.3	9.0	9.2	8.4	7.6	8.0	8.6	7.8	8.1
8	10.4	9.2	9.6	9.7	9.1	9.4	8.4	7.6	8.0	8.1	7.2	7.6
9	11.5	10.1	10.8	9.6	8.3	9.1	8.5	7.3	7.9	7.3	6.6	6.9
10	11.5	10.3	10.8	8.9	8.2	8.6	8.6	7.3	7.7	8.2	5.8	7.1
11	10.3	9.4	9.8	8.4	7.9	8.2	9.2	7.4	8.2	7.6	6.6	7.0
12	9.8	9.1	9.5	8.5	8.1	8.2	9.6	7.1	8.2	7.8	6.5	7.1
13	10.0	9.4	9.7	8.4	8.0	8.2	9.1	6.5	7.6	7.2	6.4	6.8
14	9.6	9.2	9.4	8.5	8.0	8.2	9.7	6.9	8.1	7.1	6.2	6.7
15	10.0	9.3	9.6	8.4	8.1	8.3	9.1	6.5	7.7	7.3	6.3	6.8
16	10.8	9.6	10.1	8.1	7.7	8.0	9.4	6.4	7.6	8.0	6.8	7.3
17	10.6	9.1	9.9	8.0	7.5	7.7	8.4	6.4	7.6	7.6	7.1	7.4
18	9.9	8.9	9.3	7.8	7.4	7.6	8.3	7.2	7.7	7.4	6.5	7.0
19	10.2	9.6	10.0	7.9	7.6	7.8	8.2	7.1	7.7	7.7	6.6	7.1
20	10.1	8.6	9.3	7.8	7.1	7.4	9.1	7.0	7.9	8.1	7.2	7.6
21	9.0	8.5	8.9	7.4	7.1	7.3	8.4	7.6	8.0	7.9	7.3	7.6
22	9.3	8.9	9.1	7.8	7.1	7.4	8.1	7.0	7.5	7.7	7.3	7.5
23	9.1	8.5	8.8	8.5	7.1	7.8	7.7	6.8	7.3	8.4	7.2	7.8
24	8.7	8.4	8.5	8.8	7.7	8.1	8.0	6.7	7.3	8.4	7.7	8.0
25	8.8	8.4	8.6	9.0	7.0	8.3	7.2	6.2	6.7	8.2	7.6	7.9
26	8.6	7.5	8.2	8.7	8.0	8.5	7.8	5.7	6.7	8.2	7.6	7.9
27	8.0	7.6	7.9	8.3	7.8	8.1	7.2	6.4	6.8	8.2	7.2	7.8
28	8.6	7.7	8.1	8.5	7.8	8.1	7.3	5.7	6.6	8.1	7.4	7.8
29	---	---	---	8.3	8.0	8.2	7.5	6.3	6.9	7.5	6.7	7.1
30	---	---	---	8.2	7.7	8.0	7.5	6.0	6.8	6.9	6.3	6.6
31	---	---	---	8.2	7.6	8.0	---	---	---	7.0	5.8	6.4
MONTH	11.5	7.5	9.3	9.7	7.0	8.2	9.7	5.7	7.6	9.4	5.8	7.3

PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	6.6	5.3	6.1	8.7	6.6	7.3	7.8	5.9	6.6	6.9	5.6	6.2
2	6.1	3.1	5.0	8.3	5.9	7.0	7.2	5.9	6.7	6.8	5.6	6.2
3	7.7	3.5	5.9	8.2	6.0	7.1	6.4	5.3	5.9	7.3	5.0	6.4
4	7.5	6.1	6.7	7.8	5.8	6.6	6.5	5.3	5.8	8.2	6.0	7.0
5	7.4	5.8	6.7	7.0	5.2	6.0	6.2	5.5	5.8	7.6	6.0	6.8
6	7.8	6.3	7.1	6.4	4.7	5.5	6.2	5.3	5.7	7.4	6.4	6.9
7	7.3	6.3	6.9	7.6	4.9	5.8	5.9	5.0	5.4	7.3	5.8	6.5
8	7.7	6.3	7.0	7.4	5.7	6.6	6.7	5.2	5.9	6.6	5.5	6.1
9	8.0	6.9	7.4	7.1	5.8	6.4	7.0	5.9	6.4	6.3	5.5	5.9
10	8.2	6.3	7.4	6.2	4.8	5.4	7.0	6.1	6.5	5.9	5.5	5.7
11	7.8	7.1	7.4	6.3	4.7	5.5	7.1	6.2	6.6	8.1	5.3	6.6
12	8.3	6.3	7.1	7.2	4.9	6.3	6.8	6.0	6.4	8.6	6.2	7.2
13	8.0	6.7	7.3	7.4	6.5	6.8	7.2	5.5	6.3	7.5	5.1	6.4
14	7.8	6.7	7.2	6.9	6.2	6.5	6.9	6.0	6.5	6.5	5.3	5.8
15	8.4	6.6	7.4	8.1	6.1	6.7	7.0	6.0	6.5	6.8	5.3	6.1
16	8.5	7.1	7.7	7.5	5.8	6.7	7.2	6.1	6.6	6.7	6.0	6.4
17	8.0	7.1	7.6	7.8	6.2	6.8	7.1	6.2	6.6	7.6	6.0	6.9
18	7.5	6.5	7.0	6.7	5.1	6.1	7.3	5.8	6.4	8.3	6.7	7.3
19	7.4	6.4	7.0	6.1	5.0	5.6	7.7	5.9	6.5	8.3	6.3	7.2
20	7.5	5.9	6.7	6.7	5.2	5.8	6.6	5.7	6.2	8.9	6.6	7.6
21	7.9	6.3	7.1	6.1	5.1	5.6	6.3	5.1	5.9	7.9	6.1	7.1
22	8.4	6.8	7.6	6.2	4.9	5.7	8.3	4.9	6.5	7.9	6.4	7.0
23	8.4	7.2	7.9	6.2	4.7	5.5	7.4	5.4	6.3	7.3	6.1	6.5
24	8.4	7.2	7.7	6.0	4.4	5.2	6.6	4.6	5.7	7.0	5.6	6.2
25	8.8	6.7	7.6	8.6	5.3	6.5	6.0	4.2	5.1	6.4	5.1	5.8
26	7.8	6.6	7.2	8.6	6.1	7.2	5.1	4.0	4.5	7.0	5.3	6.1
27	7.5	6.6	6.9	7.8	5.7	6.5	5.7	4.1	4.8	7.1	5.9	6.3
28	7.9	6.1	7.0	7.8	5.3	6.6	6.1	4.1	4.8	8.9	6.2	7.4
29	8.5	6.7	7.5	8.0	6.1	6.9	7.0	4.0	5.7	9.1	6.8	7.5
30	9.2	6.8	7.7	7.4	6.0	6.7	6.2	5.2	5.6	8.3	6.7	7.3
31	---	---	---	7.2	6.1	6.7	6.3	5.2	5.7	---	---	---
MONTH	9.2	3.1	7.1	8.7	4.4	6.3	8.3	4.0	6.0	9.1	5.0	6.6

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	7.4	6.6	7.0	8.2	6.9	7.7	8.6	8.0	8.3	9.7	8.9	9.5
2	7.5	5.7	6.9	8.4	6.1	7.7	8.6	7.9	8.4	9.9	9.5	9.7
3	7.3	5.2	6.4	8.4	6.6	7.6	8.7	8.1	8.4	9.8	9.4	9.6
4	7.6	4.9	5.8	8.2	7.3	7.9	9.0	8.3	8.5	10.4	9.6	9.9
5	6.8	4.4	5.3	8.0	7.5	7.7	8.9	8.0	8.6	10.7	10.2	10.5
6	7.0	4.4	5.8	8.0	7.3	7.7	8.9	8.1	8.5	10.7	9.3	10.4
7	7.2	6.5	6.8	8.3	7.4	7.8	9.0	8.2	8.5	10.6	10.3	10.5
8	7.4	6.8	7.1	8.5	7.1	7.7	8.8	8.3	8.5	10.7	10.3	10.5
9	7.3	6.1	6.9	8.6	7.0	7.9	8.6	8.2	8.4	10.9	10.3	10.7
10	7.7	5.6	7.0	8.8	7.3	8.4	8.7	8.1	8.4	10.8	10.6	10.7
11	8.5	6.2	7.6	8.6	6.9	8.4	8.6	7.8	8.3	10.7	10.3	10.5
12	8.7	5.6	7.9	8.7	7.8	8.5	8.8	8.2	8.5	10.6	10.3	10.4
13	7.8	4.8	6.9	8.6	6.8	7.7	8.7	8.0	8.4	10.5	10.1	10.3
14	7.5	3.5	6.6	8.4	6.8	7.4	8.8	7.6	8.4	10.4	9.8	10.1
15	7.6	6.4	7.1	8.0	6.7	7.5	8.7	7.8	8.4	10.6	9.6	10.1
16	7.5	6.8	7.1	7.8	6.5	7.2	8.8	8.2	8.5	10.6	9.9	10.2
17	7.4	6.7	7.0	8.1	5.8	7.3	8.8	8.2	8.5	11.1	10.0	10.5
18	7.4	6.8	7.0	8.0	6.8	7.4	8.6	8.1	8.3	11.1	10.0	10.6
19	7.4	6.8	7.1	8.1	5.6	7.0	8.5	7.8	8.1	10.5	10.0	10.2
20	7.6	6.8	7.1	8.6	6.5	7.6	8.5	8.1	8.3	10.5	9.8	10.3
21	7.1	6.5	6.8	8.1	6.6	7.4	8.8	8.2	8.5	10.6	10.2	10.4
22	7.3	6.1	6.8	8.7	6.7	7.5	9.0	8.5	8.8	10.9	9.4	10.5
23	7.2	5.7	6.4	8.8	6.5	7.7	9.2	8.5	8.8	10.3	9.2	9.7
24	7.0	5.1	6.0	8.6	7.1	7.9	9.1	8.6	8.9	10.1	9.1	9.7
25	7.2	5.8	6.8	8.4	6.6	7.8	9.1	8.7	8.9	9.8	9.5	9.7
26	6.8	6.3	6.6	8.8	5.8	7.4	9.1	8.9	9.0	10.1	9.3	9.7
27	7.3	6.6	6.9	8.8	7.0	7.9	9.3	8.8	9.0	10.1	9.4	9.8
28	7.7	7.0	7.3	8.9	7.2	7.9	9.5	8.8	9.2	10.2	8.8	9.6
29	8.1	7.3	7.7	8.6	6.4	7.8	9.4	9.0	9.2	10.1	9.0	9.4
30	8.4	7.2	7.9	8.7	7.6	8.0	9.5	9.2	9.4	9.4	8.7	9.1
31	8.2	6.8	7.4	---	---	---	9.7	9.1	9.4	10.1	8.5	8.7
MONTH	8.7	3.5	6.9	8.9	5.6	7.7	9.7	7.6	8.6	11.1	8.5	10.0

PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	10.0	8.3	9.2	9.3	7.8	8.7	8.1	7.0	7.8	6.9	5.0	6.3
2	9.5	8.4	9.1	9.3	7.8	8.9	8.0	6.8	7.5	7.4	5.2	6.4
3	9.9	8.7	9.1	9.1	8.9	9.0	8.1	6.4	7.5	7.1	5.3	6.5
4	9.9	9.0	9.4	9.1	8.7	8.9	7.8	7.1	7.5	7.0	6.4	6.7
5	9.6	8.8	9.1	9.5	8.7	9.0	8.2	7.4	7.8	7.7	6.7	7.1
6	10.2	9.2	9.5	9.9	8.7	9.4	8.1	7.3	7.8	8.7	6.7	7.6
7	10.1	8.7	9.6	10.0	8.1	9.2	8.4	7.6	8.0	8.6	7.3	8.1
8	10.2	8.8	9.6	10.0	8.1	9.5	8.3	7.7	8.1	---	---	---
9	10.8	8.6	9.7	9.8	7.8	8.9	8.1	6.7	7.7	---	---	---
10	10.8	9.0	10.1	9.3	8.3	8.9	8.2	7.0	7.6	---	---	---
11	10.8	9.7	10.1	8.8	8.4	8.6	8.6	6.7	7.7	---	---	---
12	10.2	9.3	9.8	8.9	8.2	8.5	7.8	6.0	7.2	---	---	---
13	10.3	8.7	9.6	9.0	7.0	8.4	7.2	5.0	6.8	---	---	---
14	10.0	8.8	9.7	8.7	7.3	8.3	7.3	5.2	6.4	---	---	---
15	10.4	9.6	10.0	8.6	7.8	8.1	8.0	5.3	6.4	---	---	---
16	10.8	8.9	10.0	8.6	7.6	8.3	7.2	5.4	6.2	---	---	---
17	10.8	8.8	9.9	8.3	7.4	7.9	7.3	5.4	6.3	7.3	6.7	7.0
18	10.1	8.9	9.5	8.2	7.4	7.9	7.3	4.6	5.9	7.1	6.0	6.6
19	10.0	8.6	9.2	8.0	7.0	7.6	6.9	4.5	5.5	7.2	6.2	6.7
20	9.6	8.2	8.8	7.8	6.9	7.3	6.6	3.9	4.9	7.7	6.8	7.2
21	9.5	8.8	9.2	7.7	7.1	7.4	6.6	3.2	4.7	7.8	7.0	7.4
22	9.9	8.7	9.3	7.8	7.3	7.6	7.8	2.7	5.2	7.5	7.2	7.4
23	9.5	7.6	9.0	8.7	7.3	7.8	7.8	6.5	7.2	7.9	6.8	7.3
24	9.0	8.5	8.8	8.5	6.8	7.7	7.7	2.1	5.8	8.2	6.6	7.5
25	9.0	8.0	8.5	8.6	6.9	7.9	6.8	2.6	5.6	7.8	5.6	7.2
26	8.9	7.4	8.4	8.5	6.1	7.8	6.6	4.2	5.8	7.6	5.5	6.8
27	8.8	8.2	8.6	8.2	7.1	7.8	7.1	3.2	5.9	7.5	5.7	6.8
28	9.2	8.4	8.6	8.3	7.3	7.9	7.3	4.9	6.4	7.1	5.5	6.5
29	---	---	---	8.3	7.7	8.1	7.3	5.5	6.8	6.9	4.8	6.3
30	---	---	---	8.2	7.6	8.0	7.4	5.9	6.6	6.3	5.7	6.1
31	---	---	---	8.2	7.3	7.7	---	---	---	6.5	5.3	6.0
MONTH	10.8	7.4	9.3	10.0	6.1	8.3	8.6	2.1	6.7	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.8	4.2	6.1	7.4	3.0	6.4	6.6	2.4	5.1	6.7	5.3	6.0
2	6.8	5.7	6.2	7.5	1.9	5.4	5.3	1.7	3.2	6.9	5.7	6.1
3	7.2	3.7	5.9	7.0	3.2	5.9	5.1	1.4	3.6	6.9	5.1	6.0
4	6.6	3.0	5.2	7.1	4.9	5.7	5.8	3.1	4.7	6.3	4.2	5.1
5	6.9	4.6	5.7	5.6	4.2	5.1	5.2	2.9	4.4	7.6	5.5	6.7
6	7.5	3.3	6.0	5.6	4.5	5.0	5.2	1.1	3.7	7.5	6.1	6.9
7	7.2	3.0	6.3	5.9	3.6	5.0	4.6	2.3	3.7	7.1	6.2	6.6
8	7.7	6.2	6.9	6.5	3.7	5.3	6.5	2.0	5.1	6.7	5.7	6.3
9	7.8	6.1	7.1	6.2	2.0	5.5	6.8	5.8	6.3	6.4	5.7	6.1
10	7.7	4.9	6.7	5.9	2.9	5.2	6.9	5.9	6.4	6.0	5.5	5.8
11	7.4	4.0	5.9	6.4	5.1	5.7	6.9	6.0	6.4	6.4	4.7	5.5
12	7.9	3.5	6.1	6.8	4.9	5.9	6.7	3.6	6.0	5.7	3.7	4.6
13	7.1	4.1	6.0	7.0	6.2	6.6	7.0	2.8	5.6	7.4	4.0	6.0
14	7.0	5.6	6.4	6.5	5.6	6.1	6.8	3.5	6.0	6.4	4.3	5.4
15	7.5	5.2	6.3	7.0	5.1	6.1	6.7	5.9	6.3	6.3	3.8	5.4
16	6.9	4.0	5.7	7.5	4.6	6.0	7.1	6.0	6.5	6.7	3.9	5.7
17	6.7	3.2	5.1	7.2	2.7	5.9	6.9	6.0	6.4	7.7	5.5	6.5
18	6.1	3.1	5.3	6.5	2.5	4.8	6.8	5.7	6.2	7.0	4.8	6.2
19	6.0	4.9	5.5	6.7	4.2	6.0	7.0	0.8	4.5	7.9	4.9	6.6
20	5.8	4.4	5.3	7.1	5.9	6.3	6.4	4.0	5.8	8.4	6.2	7.1
21	6.2	4.7	5.4	6.4	4.9	5.8	6.2	0.5	3.5	7.4	5.9	6.7
22	6.6	4.8	5.6	6.3	3.0	5.2	7.0	3.0	5.1	7.4	5.1	6.4
23	6.6	4.9	5.9	6.7	1.5	5.2	7.0	3.6	5.9	7.0	3.9	6.0
24	6.8	2.4	5.0	6.1	3.1	5.2	6.5	1.2	5.0	6.4	4.4	5.5
25	6.8	2.5	5.5	5.6	0.7	4.9	5.9	1.6	4.5	6.0	4.1	4.9
26	7.5	3.8	6.6	6.9	0.5	3.2	5.7	2.3	4.3	5.1	2.8	4.1
27	7.0	6.2	6.5	6.8	0.9	4.6	5.8	3.5	4.5	6.4	3.7	4.9
28	7.3	5.8	6.4	6.0	2.5	5.3	5.0	2.8	3.9	7.9	3.2	5.6
29	7.5	3.6	6.0	7.1	4.4	6.2	5.5	2.5	3.3	7.8	3.5	6.2
30	7.5	3.8	6.4	6.8	5.4	6.2	5.6	2.5	4.9	7.7	6.2	6.8
31	---	---	---	6.8	5.4	6.2	6.3	5.2	5.8	---	---	---
MONTH	7.9	2.4	6.0	7.5	0.5	5.5	7.1	0.5	5.1	8.4	2.8	5.9

PAMLICO RIVER BASIN

233

0208455155 PAMLICO RIVER AT LIGHT 3--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	79	70	74	---	---	---	92	87	89	---	---	---
2	81	68	75	---	---	---	89	85	87	---	---	---
3	80	72	75	---	---	---	87	82	85	79	76	77
4	77	67	71	---	---	---	92	83	85	79	75	77
5	74	57	68	---	---	---	92	84	87	82	78	80
6	74	61	68	---	---	---	87	85	86	81	79	80
7	74	61	68	---	---	---	87	84	85	81	79	80
8	76	64	71	---	---	---	87	83	85	82	78	80
9	85	63	74	82	79	81	84	80	83	83	80	82
10	85	64	74	83	79	81	83	79	81	85	81	83
11	93	61	80	82	78	80	81	78	80	86	83	84
12	92	82	86	80	77	79	---	---	---	87	82	84
13	90	79	83	81	77	79	---	---	---	86	83	85
14	79	68	75	82	77	79	---	---	---	88	83	85
15	81	72	76	81	78	80	---	---	---	90	85	88
16	78	72	75	82	77	80	---	---	---	90	85	88
17	77	70	73	83	78	81	---	---	---	95	87	91
18	76	68	72	85	79	82	---	---	---	97	92	95
19	74	67	71	85	80	82	---	---	---	96	86	91
20	76	67	71	84	80	82	---	---	---	89	86	87
21	74	64	69	83	78	81	---	---	---	88	85	86
22	---	---	---	83	78	81	---	---	---	91	84	87
23	---	---	---	84	80	82	---	---	---	89	86	87
24	---	---	---	83	78	81	---	---	---	86	81	84
25	---	---	---	83	77	81	---	---	---	83	81	82
26	---	---	---	87	80	84	---	---	---	86	80	83
27	---	---	---	88	82	84	---	---	---	94	85	89
28	---	---	---	91	82	86	---	---	---	105	88	92
29	---	---	---	95	83	89	---	---	---	128	90	112
30	---	---	---	91	88	90	---	---	---	112	92	100
31	---	---	---	---	---	---	---	---	---	130	95	105
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
	FEBRUARY			MARCH			APRIL			MAY		
1	96	86	92	78	69	73	89	79	83	84	64	75
2	95	81	86	74	70	72	90	84	87	89	69	79
3	88	78	82	76	72	74	91	82	87	90	77	81
4	88	82	84	75	72	73	84	75	80	81	75	78
5	83	76	79	80	70	75	85	78	82	87	77	81
6	94	78	85	82	75	79	81	77	80	105	79	91
7	88	79	82	84	79	82	85	76	80	98	87	92
8	90	78	83	90	81	85	84	77	81	97	81	88
9	99	87	93	87	79	85	87	75	81	87	77	81
10	98	91	94	83	77	81	90	75	80	101	68	85
11	91	83	87	79	74	77	97	77	85	92	78	84
12	87	80	84	79	75	77	103	75	87	97	77	85
13	89	82	85	80	75	77	98	69	81	88	76	82
14	84	80	82	83	75	79	106	75	88	83	74	79
15	89	82	85	85	79	82	103	71	85	85	73	79
16	98	85	91	85	76	81	110	70	86	93	77	84
17	95	80	88	83	76	78	100	73	88	89	81	85
18	84	78	80	79	74	76	99	83	90	86	75	81
19	89	83	85	79	75	77	99	83	91	85	75	80
20	87	77	82	77	70	74	110	81	94	90	78	84
21	84	76	81	74	71	73	102	90	95	87	79	84
22	87	82	84	76	68	72	97	83	88	---	---	---
23	84	77	80	83	68	75	90	79	85	91	77	84
24	78	74	76	86	72	78	93	76	83	94	83	87
25	79	75	77	90	67	81	82	69	75	93	84	88
26	78	68	74	86	80	84	87	64	75	97	85	90
27	73	69	71	83	78	81	79	70	75	98	84	92
28	77	68	71	84	77	81	82	62	74	96	87	92
29	---	---	---	83	78	81	85	70	78	89	79	84
30	---	---	---	84	79	81	85	67	77	83	75	79
31	---	---	---	86	79	83	---	---	---	85	69	76
MONTH	99	68	83	90	67	78	110	62	83	---	---	---

PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	83	67	75	114	84	93	105	78	89	87	70	78
2	75	39	62	107	75	90	97	78	90	85	70	77
3	97	44	74	108	77	92	85	70	78	94	62	80
4	94	75	84	106	73	86	86	69	77	105	75	88
5	94	72	83	93	67	78	83	72	77	97	76	86
6	99	79	89	85	61	71	81	69	74	94	80	87
7	93	79	87	102	62	75	76	64	69	92	73	82
8	94	77	86	96	73	85	84	65	75	82	68	76
9	98	83	89	94	75	83	88	74	81	78	68	73
10	101	75	90	80	61	70	88	76	82	73	67	71
11	98	86	90	80	60	70	91	77	83	101	64	82
12	104	77	88	91	62	79	89	75	81	106	75	88
13	103	82	91	93	80	86	94	69	80	91	62	77
14	100	83	90	86	77	81	88	75	82	78	65	71
15	107	82	94	104	76	85	89	76	82	84	65	75
16	109	88	98	99	74	87	93	76	84	83	73	78
17	101	90	96	104	80	89	93	79	85	96	74	85
18	94	81	88	90	66	79	96	74	83	104	82	91
19	92	79	86	81	65	73	102	75	85	104	77	89
20	93	73	83	90	68	77	87	73	80	111	82	95
21	97	77	87	82	67	74	82	66	76	99	75	89
22	103	84	93	82	64	74	108	63	84	100	80	88
23	105	87	97	82	61	72	98	69	82	93	76	82
24	108	89	97	78	56	68	88	60	75	87	69	77
25	115	85	97	113	69	84	78	54	67	79	63	72
26	101	83	92	113	79	94	66	52	59	86	64	75
27	96	84	88	102	74	84	75	54	63	87	72	77
28	101	77	89	105	68	87	78	53	61	111	76	91
29	113	85	96	108	80	92	90	51	73	112	82	91
30	120	87	98	100	79	90	79	66	71	102	81	89
31	---	---	---	97	81	90	80	65	72	---	---	---
MONTH	120	39	89	114	56	82	108	51	77	112	62	82

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	81	72	77	82	69	77	88	80	84	82	76	80
2	81	62	75	85	61	77	89	80	86	83	77	79
3	81	56	70	85	67	77	89	83	86	78	76	77
4	84	53	63	85	74	81	91	84	86	81	76	78
5	75	48	59	81	76	79	91	81	87	83	79	81
6	80	48	65	80	73	76	91	83	87	83	75	81
7	79	72	76	81	73	76	92	83	86	84	81	82
8	80	75	77	83	70	76	90	84	87	84	80	81
9	78	65	73	85	69	78	88	84	86	85	80	83
10	83	60	75	86	72	83	87	82	84	86	82	84
11	92	67	82	85	69	83	86	78	83	86	83	84
12	94	61	85	85	77	83	88	81	85	86	82	83
13	85	52	74	83	66	74	87	80	84	85	82	83
14	82	38	72	82	65	71	89	76	84	84	80	82
15	85	70	79	78	65	72	88	79	85	87	78	83
16	83	75	79	76	64	70	87	82	85	86	81	84
17	81	72	76	80	57	71	87	81	84	92	82	86
18	79	72	74	79	66	72	85	81	83	93	83	88
19	78	72	75	80	54	69	83	77	80	88	83	85
20	80	72	75	85	64	75	83	78	80	88	82	87
21	77	69	72	79	64	72	82	78	80	88	85	86
22	79	66	73	84	64	73	82	78	80	91	79	87
23	78	61	69	85	64	75	83	78	81	87	78	82
24	76	55	65	84	69	78	84	79	82	87	76	84
25	81	63	75	83	65	77	83	79	81	86	83	85
26	76	69	72	87	57	73	82	79	81	88	82	84
27	77	70	73	87	69	78	81	78	80	88	82	85
28	78	71	75	88	71	79	82	77	79	90	77	84
29	81	73	77	86	64	77	81	78	79	88	78	82
30	84	72	79	87	76	80	81	78	80	83	76	80
31	81	68	74	---	---	---	82	78	80	93	74	77
MONTH	94	38	74	88	54	76	92	76	83	93	74	83

PAMLICO RIVER BASIN

0208455155 PAMLICO RIVER AT LIGHT 3--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	95	73	85	81	68	75	85	72	81	78	56	70
2	93	77	86	80	68	77	84	71	78	85	58	73
3	90	80	84	82	79	80	86	67	80	82	60	75
4	90	80	85	81	78	79	82	74	79	79	72	75
5	82	76	79	85	76	79	85	76	80	85	74	79
6	87	78	80	87	76	82	83	75	80	97	74	84
7	85	75	82	90	71	81	85	76	80	99	82	90
8	88	75	82	90	71	85	84	77	81	---	---	---
9	93	74	83	89	69	81	83	68	79	---	---	---
10	96	77	87	87	78	84	85	72	79	---	---	---
11	95	86	90	83	78	81	88	69	80	---	---	---
12	91	82	86	83	76	79	82	62	75	---	---	---
13	92	76	84	85	66	79	76	52	71	---	---	---
14	88	77	85	83	69	78	78	54	67	---	---	---
15	91	84	87	84	74	77	89	56	68	---	---	---
16	96	78	88	88	73	82	79	57	67	---	---	---
17	95	77	88	85	74	79	82	57	69	86	76	81
18	87	77	82	82	74	79	83	50	64	82	69	76
19	87	74	80	80	69	75	80	48	61	80	70	75
20	84	71	78	78	68	72	76	43	54	85	74	79
21	87	79	82	77	71	74	77	35	52	85	76	81
22	91	79	85	76	71	74	93	30	60	---	---	---
23	87	68	82	84	70	75	90	76	84	85	73	78
24	81	76	79	82	65	74	88	24	66	89	71	81
25	80	71	76	83	66	77	76	30	63	87	60	79
26	80	66	75	84	59	77	73	47	65	86	60	76
27	80	75	78	82	70	78	78	36	65	85	64	78
28	81	73	76	82	72	78	83	54	71	83	63	76
29	---	---	---	83	76	80	83	62	76	81	55	74
30	---	---	---	85	77	81	84	66	74	76	67	72
31	---	---	---	86	75	79	---	---	---	79	63	71
MONTH	96	66	83	90	59	78	93	24	72	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	83	51	74	94	38	81	88	32	68	84	66	75
2	85	70	76	97	24	69	71	22	43	86	71	76
3	90	45	73	90	41	76	68	19	48	86	63	74
4	81	36	64	91	64	73	76	41	62	79	52	63
5	86	57	71	73	54	65	69	38	58	97	69	85
6	95	41	75	73	58	65	68	14	49	95	77	87
7	91	37	79	77	46	64	59	30	47	89	76	82
8	93	76	84	84	48	68	82	25	64	84	70	78
9	95	73	85	81	26	71	86	72	79	80	70	75
10	94	59	80	77	37	66	88	74	80	74	67	71
11	90	49	71	81	64	73	88	75	80	79	57	67
12	97	42	75	85	62	74	84	45	75	69	45	56
13	89	49	74	88	77	82	89	36	71	91	49	72
14	89	70	80	82	70	76	86	44	76	78	52	66
15	96	65	79	88	64	76	85	75	79	78	46	65
16	87	50	72	98	58	77	91	76	83	83	48	70
17	85	41	64	93	34	76	89	76	82	96	68	80
18	76	39	66	84	31	62	89	73	80	86	59	77
19	75	61	68	88	54	77	91	11	58	98	60	82
20	72	55	65	95	77	82	84	52	74	106	76	88
21	76	58	66	84	64	76	80	7	46	93	73	83
22	82	59	69	83	38	68	92	39	66	93	63	80
23	82	61	73	87	20	67	91	47	76	88	48	76
24	86	30	62	80	40	67	85	15	65	79	54	68
25	86	30	69	72	9	64	77	21	59	74	50	61
26	97	47	84	89	6	42	74	30	56	62	34	49
27	89	78	83	89	12	60	75	46	58	79	45	60
28	93	73	81	77	33	68	64	36	50	98	39	69
29	97	46	76	94	58	81	71	32	43	96	43	76
30	97	48	81	91	72	83	71	31	63	94	75	83
31	---	---	---	91	72	83	80	66	73	---	---	---
MONTH	97	30	74	98	6	71	92	7	65	106	34	73