

0208457125 PUNGO RIVER AT CHANNEL LIGHT 8

LOCATION.--Lat 35°30'09", long 76°35'38", Beaufort County, Hydrologic Unit 03020104, on U.S. Coast Guard Channel Light 8.

PERIOD OF RECORD.--Water years 2000 to current year.

PERIOD OF DAILY RECORD.--

SALINITY (TOP AND BOTTOM): November 1999 to current year.

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

WATER TEMPERATURE (TOP AND BOTTOM): November 1999 to current year.

DISSOLVED OXYGEN (TOP AND BOTTOM): November 1999 to current year.

DISSOLVED OXYGEN, PERCENT SATURATION (TOP AND BOTTOM): November 1999 to current year.

INSTRUMENTATION.--Water-quality monitor with satellite telemetry from November 1999 to current year.

REMARKS.--Station operated in cooperation with the North Carolina Department of Environment and Natural Resources. 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 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%. Formerly published as, "0208457150, Pungo River at Channel Light 7". On May 25, 2000 the monitor was relocated to Channel Light 8 which is 1.2 miles upstream of Channel Light 7.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY (TOP), ppt	15.7, September 30, 2001	1.7, July 30, 2000
SALINITY (BOTTOM), ppt	18.8, September 6, 2001	4.1, November 30, 1999
pH (TOP), standard units	8.8, April 1, 2000	6.1, July 20, 2000
pH (BOTTOM), standard units	8.7, November 21, 1999, March 28, 29, 2000	6.5, June 2, 3, 2000
WATER TEMPERATURE (TOP), °C	32.2, August 8, 2001	0.6, January 29, 2000
WATER TEMPERATURE (BOTTOM), °C	31.0, August 8, 9, 2001	1.1, January 29, 2000
DISSOLVED OXYGEN (TOP), mg/L	15.2, February 10, 2000	3.1, July 12, 2001
DISSOLVED OXYGEN (BOTTOM), mg/L	14.8, February 6, 11, 12, 2000	<1.0, on many days during the period

EXTREMES FOR CURRENT YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY (TOP), ppt	15.7, September 30	2.0, July 2
SALINITY (BOTTOM), ppt	18.8, September 6	7.3, June 29, 30
pH (TOP), standard units	8.7, June 21	7.1, June 7, 17, 18
pH (BOTTOM), standard units	8.5, June 21, 30	6.8, July 14
WATER TEMPERATURE (TOP), °C	32.2, August 8	1.2, January 6
WATER TEMPERATURE (BOTTOM), °C	31.0, August 8, 9	1.5, January 4, 6
DISSOLVED OXYGEN (TOP), mg/L	14.2, January 6	3.1, July 12
DISSOLVED OXYGEN (BOTTOM), mg/L	13.6, January 4	<1.0, on many days during the year
DISSOLVED OXYGEN, PERCENT SATURATION (TOP),%	144, June 20	38, July 12
DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM),%	131, June 21	<10, on several days during the year

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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	---	---	---	13.6	13.5	13.5	13.8	13.4	13.6	13.1	12.4	12.9
2	9.7	8.5	9.1	13.6	13.5	13.5	13.9	12.5	13.5	13.3	12.0	12.7
3	8.9	7.1	7.7	13.7	13.5	13.6	13.8	12.6	13.0	13.0	12.2	12.7
4	8.8	7.2	7.7	13.7	13.4	13.6	13.8	12.8	13.2	13.1	12.0	12.6
5	8.6	7.9	8.1	13.9	13.4	13.7	13.5	12.4	12.7	13.2	12.4	12.8
6	8.2	7.8	8.0	13.9	13.5	13.7	14.5	12.1	12.9	13.3	11.6	12.3
7	9.0	7.8	8.4	13.7	13.3	13.6	13.0	12.1	12.6	12.9	12.3	12.6
8	---	---	---	13.8	13.4	13.5	12.8	12.1	12.5	13.0	12.3	12.7
9	---	---	---	13.9	13.4	13.6	13.9	11.7	12.5	13.3	11.5	12.5
10	11.1	10.0	10.4	13.9	13.5	13.8	12.6	11.1	11.9	13.0	12.6	12.8
11	11.0	9.2	10.5	13.9	13.6	13.8	12.9	11.7	12.5	13.0	12.6	12.8
12	11.7	9.5	10.4	14.0	13.8	13.9	12.8	12.0	12.3	13.0	11.8	12.7
13	---	---	---	14.0	13.6	13.9	12.8	12.0	12.3	13.2	11.4	12.2
14	---	---	---	13.9	13.7	13.8	12.7	12.1	12.4	12.6	11.4	12.2
15	---	---	---	13.9	13.7	13.8	13.1	11.7	12.3	12.6	11.8	12.1
16	---	---	---	14.3	13.6	14.0	13.4	11.5	12.0	13.9	11.2	12.1
17	---	---	---	14.3	14.1	14.1	12.9	11.9	12.3	14.1	11.7	12.6
18	---	---	---	14.3	13.9	14.1	12.4	11.8	12.1	14.7	11.7	13.1
19	---	---	---	14.2	13.9	14.1	12.5	11.8	12.1	13.9	11.9	12.6
20	12.5	10.2	11.1	14.1	13.9	14.0	12.3	11.6	12.0	13.5	12.1	13.0
21	12.8	10.7	11.2	14.1	13.8	14.0	12.6	10.8	11.7	13.1	12.2	12.9
22	13.5	11.1	11.9	14.2	13.8	14.1	11.8	10.4	11.2	13.7	12.5	13.2
23	13.5	12.0	12.7	14.3	13.7	14.0	12.0	11.3	11.8	13.3	12.9	13.1
24	13.1	12.2	12.7	14.3	13.8	14.1	11.8	10.9	11.5	13.6	12.4	13.3
25	13.9	12.6	13.0	14.3	13.8	14.1	12.2	11.3	11.7	13.8	12.2	13.1
26	13.3	12.5	12.9	14.1	13.5	13.8	12.3	11.5	11.8	13.5	13.0	13.3
27	13.6	13.0	13.2	13.9	13.5	13.7	12.3	11.5	11.7	13.2	12.5	13.0
28	13.7	13.3	13.5	13.9	12.8	13.5	13.8	11.7	12.3	13.3	13.1	13.3
29	13.6	13.3	13.5	13.9	12.7	13.4	13.2	11.8	12.5	13.2	12.8	13.0
30	13.7	13.5	13.6	13.6	13.3	13.5	13.0	12.0	12.5	13.2	12.6	12.9
31	13.7	13.4	13.6	---	---	---	13.0	12.6	12.9	13.0	12.7	12.8
MONTH	---	---	---	14.3	12.7	13.8	14.5	10.4	12.3	14.7	11.2	12.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	13.3	12.7	13.1	12.6	6.0	11.7	12.2	11.6	11.9	10.7	10.4	10.6
2	13.2	12.4	12.9	12.6	10.0	12.0	12.2	11.6	11.9	10.7	10.4	10.6
3	13.5	12.4	13.1	13.0	6.1	12.0	12.2	11.6	11.8	10.7	10.5	10.6
4	13.5	13.0	13.1	13.3	9.3	12.3	12.0	11.6	11.8	10.9	10.6	10.7
5	13.3	12.6	12.9	13.0	5.6	11.9	12.4	11.5	12.0	10.7	10.5	10.6
6	13.3	11.8	12.9	12.4	11.8	12.0	12.0	11.6	11.8	11.0	10.0	10.8
7	13.3	12.8	12.9	12.9	12.1	12.6	12.1	11.5	11.8	11.0	9.6	10.4
8	13.2	12.8	13.0	13.0	11.8	12.4	12.1	11.6	11.8	11.3	10.2	10.7
9	13.1	12.8	13.0	13.0	12.1	12.5	12.0	11.6	11.7	11.5	10.4	10.9
10	13.3	12.4	12.9	13.0	12.0	12.6	12.2	11.6	12.0	11.5	10.7	11.0
11	13.3	12.5	12.8	13.0	11.3	11.9	12.3	11.7	11.9	11.3	10.9	11.0
12	13.7	12.2	12.8	12.9	11.5	12.2	12.0	11.7	11.8	11.3	10.6	11.0
13	13.6	12.3	12.9	12.8	11.9	12.3	12.1	11.5	11.8	11.4	10.6	11.1
14	13.3	6.6	12.6	12.6	11.9	12.3	12.2	11.4	11.9	11.5	11.0	11.2
15	12.8	6.6	11.9	12.6	11.9	12.3	12.0	11.6	11.8	11.4	11.0	11.2
16	12.8	2.9	11.9	12.4	11.8	12.1	12.1	11.5	11.8	11.8	11.0	11.3
17	13.0	10.7	12.5	12.4	11.8	12.1	12.0	9.7	11.7	11.8	11.0	11.3
18	13.1	7.4	12.4	12.4	11.6	12.0	12.0	9.5	11.5	11.5	11.2	11.3
19	13.0	11.0	12.7	12.6	11.5	12.1	11.5	10.7	11.1	11.8	11.1	11.3
20	12.8	8.8	12.4	13.4	11.1	12.2	11.4	10.7	11.1	11.8	11.2	11.5
21	13.0	4.0	12.0	13.5	12.0	12.6	11.3	10.9	11.1	11.7	11.3	11.6
22	13.1	12.1	12.6	12.4	12.0	12.2	11.0	10.7	10.9	11.5	11.1	11.3
23	13.0	6.0	12.1	12.4	11.7	12.2	11.0	10.9	10.9	11.9	11.1	11.5
24	13.0	6.4	11.4	12.3	11.6	12.0	11.1	10.7	10.9	12.0	11.1	11.7
25	12.8	5.5	11.6	12.3	11.5	11.9	11.0	10.2	10.7	12.0	11.2	11.6
26	13.0	9.5	12.3	12.4	11.6	12.0	11.0	9.9	10.6	11.8	11.3	11.6
27	12.9	10.4	12.5	12.2	11.6	11.9	10.8	10.4	10.6	11.8	11.3	11.5
28	12.9	3.7	11.5	12.3	11.6	12.0	10.8	10.4	10.7	11.5	10.9	11.3
29	---	---	---	12.4	11.7	12.1	10.7	10.0	10.6	11.7	11.1	11.4
30	---	---	---	12.2	11.7	11.9	10.7	10.0	10.5	11.7	10.9	11.3
31	---	---	---	12.1	11.0	11.8	---	---	---	11.7	10.9	11.4
MONTH	13.7	2.9	12.5	13.5	5.6	12.1	12.4	9.5	11.4	12.0	9.6	11.1

PAMLICO RIVER BASIN

0208457125 PUNGO RIVER AT CHANNEL LIGHT 8--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	11.5	11.1	11.3	7.9	7.4	7.6	11.3	9.7	10.3	10.7	9.9	10.2
2	11.3	10.9	11.1	8.3	2.0	7.7	10.5	9.0	9.9	10.7	9.8	10.1
3	11.3	10.6	11.0	8.5	6.3	8.1	10.0	9.1	9.7	11.1	9.5	10.4
4	11.4	10.9	11.3	8.2	7.7	8.0	9.8	8.8	9.4	10.8	9.7	10.0
5	11.5	10.7	11.1	8.2	7.6	8.0	10.3	9.7	10.0	11.1	9.7	10.0
6	11.3	10.7	11.0	8.6	7.7	8.2	10.2	9.7	10.0	13.0	10.3	11.5
7	11.4	10.3	10.8	8.8	7.8	8.4	10.0	9.5	9.7	11.8	10.6	11.0
8	11.5	10.9	11.2	8.4	7.8	8.2	10.4	9.6	10.0	11.8	11.2	11.3
9	11.5	10.8	11.2	8.6	7.8	8.2	10.5	6.0	9.6	11.8	11.2	11.4
10	11.3	10.8	11.1	8.6	7.9	8.3	10.4	9.9	10.2	11.7	10.9	11.4
11	11.3	10.8	11.1	8.4	7.6	8.0	10.3	10.0	10.1	12.1	11.2	11.6
12	11.3	10.7	11.0	9.2	7.7	8.5	10.3	9.8	10.0	12.1	11.3	11.7
13	11.3	10.6	11.0	8.9	7.8	8.2	10.0	9.6	9.8	12.0	11.4	11.7
14	11.1	10.6	10.8	9.3	8.0	8.6	10.0	9.4	9.7	14.1	11.6	12.1
15	10.8	7.8	10.3	9.4	8.2	8.6	9.7	9.0	9.4	13.9	12.4	13.1
16	10.1	5.4	8.0	8.7	8.1	8.5	9.6	8.6	9.3	14.2	13.0	13.5
17	9.6	5.8	8.2	9.7	8.3	8.8	9.7	8.6	9.1	14.9	13.5	14.3
18	10.0	5.7	8.4	9.6	8.8	9.2	9.7	8.9	9.2	14.2	13.3	13.8
19	9.5	7.9	8.9	9.6	8.5	9.0	10.0	8.6	9.1	14.2	13.4	13.7
20	8.5	7.4	8.2	10.7	8.6	9.3	9.7	8.7	9.3	14.1	13.2	13.7
21	8.5	4.6	7.9	10.1	8.7	9.4	9.8	8.7	9.4	13.9	13.5	13.7
22	8.5	7.0	8.1	10.7	8.9	9.8	9.6	8.6	9.2	14.0	13.1	13.5
23	8.9	7.2	8.3	10.2	9.6	10.0	9.3	8.3	8.7	14.3	13.1	13.7
24	8.0	7.0	7.5	10.5	9.8	10.0	9.2	8.2	8.7	14.6	13.7	14.1
25	8.3	7.6	8.0	10.6	9.8	10.2	9.5	8.3	9.0	14.3	13.7	14.1
26	8.2	7.3	7.8	10.7	10.1	10.3	10.5	9.1	9.7	14.4	13.8	14.1
27	8.1	7.6	7.7	11.3	10.1	10.6	10.2	8.8	9.4	14.3	13.9	14.0
28	8.0	6.7	7.3	11.4	10.0	11.0	10.4	9.3	9.8	15.0	14.0	14.4
29	7.6	6.8	7.1	10.7	10.0	10.4	10.4	9.3	9.8	15.2	14.2	14.8
30	7.6	6.9	7.5	10.7	9.8	10.3	10.3	9.6	10.0	15.7	15.0	15.3
31	---	---	---	10.7	9.8	10.2	10.4	9.8	10.0	---	---	---
MONTH	11.5	4.6	9.5	11.4	2.0	9.0	11.3	6.0	9.6	15.7	9.5	12.6

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	---	---	---	13.7	13.6	13.7	13.9	13.7	13.8	13.9	12.8	13.3
2	11.9	9.2	10.4	13.7	13.6	13.7	14.0	12.9	13.7	14.3	13.0	13.6
3	11.7	9.9	11.1	13.9	13.6	13.7	13.9	13.0	13.3	14.1	12.8	13.4
4	12.4	8.8	11.5	14.0	13.7	13.8	14.1	13.1	13.5	13.7	12.6	13.1
5	12.6	8.7	10.9	13.9	13.7	13.8	14.7	13.0	13.9	13.9	12.8	13.1
6	10.1	8.3	8.8	14.4	13.6	13.9	14.8	13.3	14.1	13.8	12.3	13.3
7	14.5	8.5	12.0	14.5	13.5	14.0	14.7	12.8	13.7	13.8	12.6	13.1
8	---	---	---	14.6	13.5	14.1	14.7	12.7	13.5	14.4	12.7	13.3
9	---	---	---	14.5	13.5	13.9	15.1	12.8	14.0	14.4	12.6	13.4
10	12.2	10.5	11.2	13.9	13.7	13.9	15.5	13.3	14.2	13.0	12.6	12.9
11	12.5	10.6	11.5	14.1	13.8	13.9	15.2	12.8	13.7	13.5	12.6	13.1
12	12.9	11.4	12.3	14.1	14.0	14.0	15.1	12.2	13.3	14.0	13.0	13.5
13	---	---	---	14.2	13.9	14.0	15.1	12.6	13.8	14.4	12.6	13.6
14	---	---	---	14.1	13.9	14.0	13.7	12.4	12.8	14.1	13.1	13.7
15	---	---	---	14.1	13.9	13.9	14.1	12.6	13.3	14.5	14.0	14.2
16	---	---	---	14.3	13.9	14.0	14.2	12.2	13.5	14.7	12.1	13.9
17	---	---	---	14.2	13.8	14.1	13.1	12.2	12.6	15.1	12.9	14.6
18	---	---	---	14.3	13.8	14.1	13.3	12.3	12.7	15.1	13.3	14.8
19	---	---	---	14.2	13.7	14.0	13.5	12.1	12.8	14.9	12.2	13.6
20	15.3	15.1	15.2	14.1	13.7	14.0	13.0	11.8	12.5	14.5	12.2	13.5
21	15.3	14.1	15.1	14.1	13.7	13.9	13.5	11.7	12.9	13.6	12.7	13.1
22	15.3	14.7	15.2	14.1	13.8	14.0	13.1	11.2	11.9	14.2	13.0	13.6
23	15.1	12.6	14.4	14.2	13.1	13.9	12.4	11.6	12.0	14.2	12.9	13.2
24	14.5	13.1	14.0	14.2	13.8	14.1	12.6	11.0	12.3	13.7	13.1	13.5
25	14.1	13.1	13.9	14.3	13.7	14.1	13.4	11.4	11.8	14.2	13.2	13.6
26	14.0	13.0	13.7	14.1	13.6	13.8	12.6	11.8	12.1	13.5	13.0	13.3
27	14.0	13.1	13.5	14.0	13.5	13.7	13.4	11.8	12.8	13.3	12.9	13.0
28	14.2	13.6	13.8	13.9	13.3	13.7	14.7	12.5	13.6	13.8	12.9	13.3
29	13.9	13.5	13.7	14.1	13.6	13.9	13.9	11.8	13.2	14.2	12.6	13.4
30	13.8	13.7	13.8	13.9	13.5	13.7	14.5	12.5	13.6	13.1	12.1	12.8
31	13.8	13.5	13.7	---	---	---	13.8	12.6	12.9	13.3	12.0	12.9
MONTH	---	---	---	14.6	13.1	13.9	15.5	11.0	13.2	15.1	12.0	13.4

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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	14.0	12.8	13.5	13.0	12.3	12.7	12.6	11.7	12.2	10.9	10.7	10.8
2	14.2	12.6	13.8	13.0	12.4	12.7	12.6	11.7	12.1	10.9	10.6	10.8
3	14.3	12.2	13.3	13.6	12.3	13.2	12.3	11.7	12.0	10.9	10.6	10.7
4	13.5	12.8	13.2	13.7	12.2	13.2	12.3	11.7	12.1	11.0	10.7	10.8
5	13.6	12.5	13.1	---	---	---	12.6	12.1	12.3	11.0	10.5	10.8
6	13.7	11.9	13.1	---	---	---	12.3	11.7	12.0	11.1	10.3	10.9
7	13.9	12.4	13.2	13.7	12.2	12.9	12.4	11.6	12.0	11.3	10.0	10.7
8	---	---	---	14.0	12.3	13.1	12.2	11.7	12.0	11.5	10.4	11.1
9	---	---	---	13.4	11.5	12.7	12.1	11.6	11.8	---	---	---
10	13.5	11.8	12.9	13.3	12.6	12.9	12.2	11.7	12.1	---	---	---
11	13.4	12.3	13.0	13.0	11.8	12.6	12.3	11.9	12.1	---	---	---
12	13.7	12.8	13.4	13.1	12.1	12.6	12.0	11.8	11.8	---	---	---
13	14.0	12.0	13.4	12.8	11.8	12.3	12.1	11.5	11.8	11.3	10.5	11.0
14	13.9	12.5	13.3	12.6	11.8	12.3	12.2	11.8	12.0	11.3	10.9	11.2
15	13.5	12.5	12.9	12.6	11.9	12.4	12.0	11.6	11.8	---	---	---
16	13.7	12.6	13.0	---	---	---	12.1	11.5	11.8	11.7	10.9	11.4
17	13.7	12.0	12.8	13.0	11.9	12.5	12.0	11.6	11.8	11.9	11.1	11.5
18	13.5	12.6	13.0	12.4	11.7	12.1	11.9	10.6	11.6	11.9	11.2	11.6
19	13.5	12.9	13.1	12.6	11.8	12.3	11.5	10.9	11.4	12.3	11.1	11.6
20	13.0	12.6	12.8	13.3	10.6	12.5	11.3	10.9	11.3	12.1	11.3	11.7
21	13.6	12.4	13.0	13.3	12.0	12.6	11.3	11.0	11.2	12.2	11.2	11.5
22	13.4	12.3	12.8	12.3	11.9	12.1	11.1	11.0	11.0	11.4	11.0	11.1
23	13.3	12.6	12.8	12.4	11.9	12.2	11.1	11.0	11.1	12.0	11.0	11.5
24	13.7	12.7	13.2	12.5	11.6	12.0	11.2	10.7	11.0	12.0	11.5	11.8
25	13.0	12.4	12.7	12.3	11.6	12.0	11.1	10.4	10.8	---	---	---
26	13.4	12.4	12.9	12.3	11.6	12.0	11.1	10.5	10.8	---	---	---
27	13.3	12.4	12.9	12.6	11.7	12.2	10.9	10.7	10.8	---	---	---
28	13.1	12.2	12.9	12.8	12.1	12.3	11.0	10.8	10.9	11.5	10.8	11.3
29	---	---	---	12.7	11.8	12.3	10.9	10.8	10.9	11.7	11.2	11.5
30	---	---	---	12.8	11.9	12.2	11.0	10.7	10.9	11.8	10.9	11.5
31	---	---	---	12.5	12.1	12.3	---	---	---	11.8	10.9	11.5
MONTH	---	---	---	---	---	---	12.6	10.4	11.6	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	11.7	11.2	11.4	7.9	7.4	7.6	14.8	10.2	12.1	13.9	9.8	11.5
2	11.5	11.1	11.2	8.7	7.5	8.0	14.3	10.5	12.1	17.2	13.4	15.2
3	11.6	11.0	11.1	9.2	7.8	8.4	12.5	9.7	11.4	17.1	12.8	14.9
4	11.6	11.2	11.4	8.5	7.7	8.0	11.1	9.5	10.4	16.6	11.5	14.3
5	11.5	10.8	11.3	8.3	7.7	8.0	10.6	9.8	10.2	18.6	12.9	15.5
6	11.5	10.9	11.2	8.7	7.8	8.3	10.9	9.9	10.3	18.8	15.4	17.8
7	11.6	10.6	11.1	8.8	8.3	8.6	11.1	9.6	10.2	18.4	13.5	16.6
8	11.5	11.0	11.3	8.8	8.0	8.3	10.6	9.5	10.1	16.1	11.1	13.2
9	11.7	11.0	11.4	9.0	8.1	8.7	11.0	9.8	10.2	12.7	11.2	11.7
10	11.9	10.9	11.3	9.1	8.3	8.8	10.6	10.0	10.3	12.4	11.4	11.7
11	11.3	10.9	11.1	9.2	8.1	8.8	10.3	10.0	10.2	14.1	11.1	12.3
12	11.5	10.7	11.1	11.1	8.6	9.2	10.3	9.8	10.0	14.5	12.0	13.2
13	11.4	10.7	11.1	12.1	8.2	10.2	10.1	9.7	9.8	15.5	11.8	13.8
14	11.3	10.7	11.0	13.3	9.6	11.3	10.2	9.6	9.9	15.9	11.8	14.0
15	11.1	10.3	10.7	14.1	8.6	11.5	10.4	9.5	9.9	14.3	13.1	13.6
16	10.7	8.6	10.0	14.1	8.6	11.9	12.3	9.5	10.7	15.0	13.2	14.0
17	10.5	8.4	9.7	12.9	8.6	10.1	10.7	9.2	9.7	15.6	14.5	15.1
18	10.9	8.2	10.3	11.5	9.2	9.6	10.4	9.0	9.6	16.5	14.6	15.8
19	11.1	8.6	10.3	13.2	9.1	10.6	11.3	8.8	10.0	17.1	13.5	15.4
20	11.1	8.0	9.1	15.2	11.1	13.3	10.4	9.1	9.5	17.1	13.7	14.4
21	9.6	8.2	8.6	16.5	13.0	15.5	10.2	9.0	9.8	15.1	13.7	14.1
22	8.8	8.2	8.5	16.5	10.3	14.6	11.7	9.3	10.3	16.2	13.7	14.7
23	8.8	8.0	8.5	15.7	9.9	10.9	11.7	9.0	10.5	16.1	13.5	15.0
24	9.8	8.0	9.1	11.2	9.9	10.2	11.9	9.1	10.7	15.3	13.7	14.3
25	9.9	7.8	9.3	10.7	10.0	10.3	14.2	10.3	12.7	14.9	14.1	14.4
26	9.7	7.6	8.6	10.7	10.2	10.3	15.5	10.4	13.1	15.0	13.9	14.4
27	9.2	7.7	8.4	12.0	10.1	10.9	15.7	9.8	12.3	15.5	13.9	14.6
28	9.2	7.6	8.4	11.8	10.9	11.4	12.4	9.7	10.4	16.5	14.1	15.0
29	9.5	7.3	8.8	12.0	10.0	10.9	14.5	9.5	11.0	17.1	14.5	15.4
30	8.9	7.3	7.8	11.9	10.0	10.9	14.3	9.9	11.9	17.7	15.1	15.4
31	---	---	---	12.8	10.4	11.3	13.9	9.8	10.2	---	---	---
MONTH	11.9	7.3	10.1	16.5	7.4	10.2	15.7	8.8	10.6	18.8	9.8	14.4

PAMLICO RIVER BASIN

0208457125 PUNGO RIVER AT CHANNEL LIGHT 8--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, 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	---	---	---	7.5	7.4	7.5	7.8	7.7	7.8	8.3	8.1	8.2
2	7.8	7.5	7.6	7.6	7.4	7.5	7.8	7.7	7.8	8.3	8.1	8.1
3	8.1	7.5	7.7	7.6	7.4	7.5	7.8	7.7	7.7	8.2	8.1	8.2
4	8.5	7.5	7.9	7.6	7.5	7.5	7.8	7.7	7.7	8.3	8.2	8.2
5	8.6	8.1	8.3	7.6	7.4	7.5	7.8	7.6	7.7	8.3	8.2	8.2
6	8.6	7.7	8.3	7.6	7.4	7.5	7.8	7.6	7.7	8.3	8.2	8.2
7	8.5	7.7	8.0	7.6	7.5	7.5	7.8	7.7	7.8	8.3	8.2	8.3
8	---	---	---	7.7	7.5	7.6	7.9	7.8	7.8	8.3	8.2	8.3
9	---	---	---	7.6	7.5	7.6	7.9	7.7	7.8	8.2	8.1	8.1
10	7.9	7.6	7.7	7.6	7.4	7.5	7.8	7.5	7.7	8.2	8.1	8.1
11	8.3	7.6	7.8	7.6	7.4	7.5	7.8	7.6	7.7	8.2	8.1	8.2
12	8.1	7.4	7.8	7.5	7.5	7.5	7.8	7.7	7.7	8.2	8.1	8.2
13	---	---	---	7.6	7.4	7.5	7.9	7.7	7.8	8.1	7.9	8.0
14	---	---	---	7.5	7.4	7.5	7.8	7.7	7.8	8.1	7.9	8.1
15	---	---	---	7.5	7.4	7.5	7.8	7.6	7.7	8.1	8.0	8.1
16	---	---	---	7.8	7.4	7.6	8.0	7.6	7.7	8.2	8.0	8.1
17	---	---	---	7.7	7.7	7.7	7.8	7.4	7.6	8.2	8.0	8.1
18	---	---	---	7.7	7.7	7.7	8.2	7.5	7.8	8.2	8.0	8.1
19	---	---	---	7.7	7.7	7.7	8.0	7.7	7.8	8.2	8.0	8.2
20	7.9	7.4	7.6	7.7	7.6	7.7	7.9	7.6	7.8	8.1	8.0	8.1
21	7.8	7.3	7.7	7.7	7.7	7.7	8.3	7.7	7.9	8.1	7.9	8.0
22	7.8	7.2	7.5	7.7	7.7	7.7	8.3	8.1	8.2	8.1	7.9	8.1
23	7.5	7.2	7.3	7.7	7.7	7.7	8.2	8.0	8.1	8.1	8.0	8.1
24	7.5	7.3	7.4	7.7	7.7	7.7	8.3	8.1	8.2	8.2	8.0	8.1
25	7.6	7.3	7.4	7.7	7.7	7.7	8.3	8.1	8.2	8.1	8.0	8.1
26	7.6	7.3	7.4	7.7	7.6	7.6	8.3	8.1	8.2	8.2	8.0	8.1
27	7.5	7.4	7.4	7.7	7.6	7.6	8.4	8.1	8.3	8.1	8.1	8.1
28	7.5	7.4	7.5	7.7	7.6	7.6	8.4	7.9	8.2	8.2	8.1	8.1
29	7.5	7.4	7.5	7.8	7.6	7.7	8.2	8.0	8.1	8.3	8.2	8.2
30	7.6	7.4	7.5	7.8	7.7	7.8	8.3	8.1	8.2	8.3	8.2	8.2
31	7.6	7.4	7.5	---	---	---	8.2	8.1	8.1	8.2	8.2	8.2
MONTH	---	---	---	7.8	7.4	7.6	8.4	7.4	7.9	8.3	7.9	8.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	8.3	8.1	8.2	7.7	7.6	7.6	7.8	7.7	7.8	7.8	7.6	7.7
2	8.3	8.2	8.3	7.7	7.6	7.7	7.8	7.7	7.8	7.7	7.6	7.6
3	8.3	8.1	8.2	7.7	7.6	7.7	7.9	7.7	7.8	7.6	7.5	7.6
4	8.2	8.2	8.2	7.7	7.6	7.6	7.8	7.7	7.8	7.7	7.5	7.5
5	8.3	8.2	8.2	7.7	7.6	7.6	7.9	7.7	7.8	7.7	7.4	7.5
6	8.4	8.2	8.3	7.7	7.6	7.7	7.8	7.7	7.8	7.6	7.4	7.5
7	8.3	8.3	8.3	7.9	7.7	7.8	7.8	7.7	7.8	7.6	7.4	7.5
8	8.4	8.3	8.3	8.0	7.8	7.9	7.8	7.6	7.7	7.8	7.5	7.6
9	8.4	8.3	8.4	8.0	7.9	7.9	7.8	7.6	7.7	---	---	---
10	8.3	8.2	8.3	8.1	7.9	8.0	7.8	7.5	7.7	---	---	---
11	8.2	8.1	8.2	8.2	7.9	8.1	7.8	7.5	7.6	---	---	---
12	8.2	8.0	8.1	8.1	8.0	8.1	7.8	7.6	7.7	---	---	---
13	8.2	8.0	8.1	8.1	7.9	8.0	7.7	7.6	7.7	---	---	---
14	8.1	8.0	8.0	8.1	7.9	8.0	7.7	7.5	7.6	7.7	7.5	7.6
15	8.0	7.9	8.0	8.1	7.9	8.0	7.6	7.5	7.6	7.6	7.4	7.5
16	8.0	7.9	7.9	8.0	7.8	7.9	7.6	7.5	7.6	7.7	7.3	7.5
17	7.9	7.8	7.8	8.1	7.9	8.0	7.6	7.5	7.6	7.7	7.5	7.5
18	7.8	7.7	7.8	8.1	7.9	8.0	7.7	7.6	7.6	7.8	7.4	7.6
19	7.8	7.7	7.8	8.0	7.9	8.0	7.8	7.6	7.7	7.8	7.5	7.7
20	7.8	7.7	7.7	8.0	7.8	7.9	7.7	7.7	7.7	7.9	7.5	7.7
21	7.7	7.6	7.6	7.9	7.8	7.9	7.8	7.6	7.7	7.7	7.6	7.7
22	7.7	7.6	7.6	7.9	7.8	7.9	7.7	7.6	7.7	7.7	7.5	7.6
23	7.7	7.6	7.6	8.0	7.8	7.9	7.7	7.6	7.6	7.7	7.4	7.6
24	7.7	7.6	7.6	8.0	7.9	7.9	7.7	7.6	7.6	7.7	7.4	7.6
25	7.7	7.6	7.6	7.9	7.8	7.9	7.7	7.5	7.6	7.8	7.4	7.5
26	7.7	7.6	7.6	7.9	7.8	7.8	7.8	7.6	7.7	7.6	7.5	7.5
27	7.7	7.6	7.7	7.9	7.8	7.9	7.9	7.6	7.8	7.6	7.5	7.6
28	7.7	7.6	7.6	7.9	7.9	7.9	7.8	7.7	7.8	7.6	7.4	7.5
29	---	---	---	7.9	7.8	7.9	7.8	7.7	7.7	7.6	7.4	7.5
30	---	---	---	7.9	7.8	7.9	7.8	7.7	7.8	7.7	7.4	7.6
31	---	---	---	8.1	7.7	7.9	---	---	---	7.7	7.4	7.6
MONTH	8.4	7.6	8.0	8.2	7.6	7.9	7.9	7.5	7.7	---	---	---

PAMLICO RIVER BASIN

301

0208457125 PUNGO RIVER AT CHANNEL LIGHT 8--Continued

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

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

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
1	---	---	---	7.5	7.4	7.5	7.9	7.8	7.8	8.1	7.8	8.0
2	7.5	7.2	7.3	7.5	7.4	7.5	7.9	7.8	7.8	8.0	7.8	7.9
3	7.3	7.1	7.3	7.5	7.4	7.5	7.8	7.7	7.7	8.0	7.8	8.0
4	7.6	7.1	7.2	7.5	7.4	7.5	7.8	7.7	7.7	8.1	7.9	8.0
5	8.1	7.1	7.3	7.5	7.4	7.5	7.8	7.7	7.8	8.1	7.8	8.0
6	8.1	6.9	7.7	7.6	7.3	7.4	7.9	7.7	7.8	8.1	7.9	8.0
7	7.6	6.9	7.1	7.6	7.3	7.4	7.9	7.7	7.8	8.1	7.8	8.0
8	---	---	---	7.6	7.2	7.4	8.0	7.6	7.8	8.1	7.7	8.0
9	---	---	---	7.6	7.1	7.4	7.9	7.5	7.7	8.0	7.7	7.9
10	8.2	7.8	8.0	7.6	7.4	7.5	7.8	7.5	7.7	8.0	7.9	7.9
11	8.4	7.9	8.1	7.5	7.4	7.4	7.8	7.6	7.7	8.0	7.9	7.9
12	8.2	7.9	8.0	7.5	7.4	7.4	7.8	7.5	7.7	8.0	7.8	7.9
13	---	---	---	7.5	7.4	7.4	7.9	7.5	7.7	7.9	7.7	7.8
14	---	---	---	7.5	7.3	7.4	7.9	7.7	7.8	7.9	7.7	7.8
15	---	---	---	7.5	7.4	7.4	7.9	7.6	7.8	7.8	7.7	7.7
16	---	---	---	7.7	7.4	7.5	8.0	7.7	7.8	7.9	7.6	7.7
17	---	---	---	7.7	7.6	7.7	7.9	7.5	7.7	7.9	7.6	7.7
18	---	---	---	7.7	7.6	7.6	7.9	7.6	7.7	8.0	7.6	7.7
19	---	---	---	7.7	7.6	7.6	8.0	7.6	7.8	8.0	7.6	7.8
20	7.1	7.0	7.0	7.8	7.6	7.7	8.0	7.7	7.8	7.9	7.5	7.8
21	7.1	6.9	7.0	7.8	7.7	7.7	8.0	7.8	7.9	7.8	7.7	7.8
22	7.0	6.9	6.9	7.8	7.7	7.7	8.2	7.8	8.0	8.0	7.8	7.9
23	7.4	6.9	7.1	7.8	7.7	7.8	8.1	8.0	8.0	8.0	7.8	7.9
24	7.4	7.1	7.2	7.8	7.7	7.8	8.1	7.9	8.0	8.0	7.8	7.9
25	7.6	7.2	7.3	7.8	7.7	7.7	8.2	7.8	8.1	7.9	7.8	7.9
26	7.5	7.2	7.4	7.7	7.7	7.7	8.1	8.0	8.0	8.0	7.8	7.9
27	7.5	7.4	7.4	7.8	7.6	7.7	8.2	7.9	8.0	8.0	7.9	7.9
28	7.5	7.4	7.5	7.8	7.7	7.8	8.1	7.7	7.9	8.0	7.9	7.9
29	7.5	7.4	7.4	7.9	7.7	7.8	8.0	7.9	7.9	8.1	7.8	8.0
30	7.6	7.4	7.5	7.9	7.8	7.8	8.1	7.8	7.9	8.1	8.0	8.1
31	7.5	7.4	7.5	---	---	---	8.1	7.8	8.0	8.2	8.0	8.1
MONTH	---	---	---	7.9	7.1	7.6	8.2	7.5	7.8	8.2	7.5	7.9

PAMLICO RIVER BASIN

0208457125 PUNGO RIVER AT CHANNEL LIGHT 8--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	8.2	8.0	8.1	7.8	7.7	7.7	8.0	7.8	7.9	7.8	7.6	7.7
2	8.2	7.9	8.0	7.8	7.7	7.7	8.0	7.8	7.9	7.7	7.4	7.6
3	8.2	7.9	8.1	7.8	7.7	7.7	8.0	7.8	7.9	7.6	7.4	7.5
4	8.2	8.1	8.1	7.8	7.5	7.6	7.9	7.7	7.8	7.7	7.3	7.5
5	8.2	8.1	8.1	---	---	---	8.0	7.7	7.8	7.7	7.3	7.5
6	8.3	8.1	8.2	7.7	7.6	7.7	7.9	7.8	7.9	7.7	7.2	7.5
7	8.3	8.0	8.2	7.8	7.7	7.7	7.9	7.8	7.8	7.7	7.4	7.6
8	8.3	8.0	8.2	7.8	7.6	7.7	7.9	7.8	7.9	7.8	7.5	7.7
9	8.4	8.0	8.3	7.8	7.6	7.7	7.9	7.6	7.8	7.7	7.5	7.6
10	8.4	8.2	8.3	7.9	7.7	7.8	7.8	7.5	7.6	7.7	7.4	7.5
11	8.2	8.2	8.2	8.0	7.7	7.8	7.8	7.6	7.7	7.7	7.4	7.5
12	8.2	8.1	8.2	8.0	7.7	7.8	7.8	7.7	7.8	7.7	7.4	7.5
13	8.2	8.1	8.1	8.0	7.7	7.9	7.8	7.6	7.7	7.7	7.4	7.5
14	8.1	7.8	8.0	8.0	7.9	8.0	7.7	7.5	7.6	7.7	7.5	7.6
15	8.1	8.0	8.1	8.0	7.8	7.9	7.7	7.6	7.6	7.6	7.4	7.5
16	8.2	8.0	8.1	7.9	7.8	7.9	7.7	7.6	7.6	7.6	7.3	7.5
17	8.0	7.8	8.0	8.1	7.7	7.8	7.7	7.6	7.6	7.7	7.4	7.5
18	8.0	7.9	8.0	8.1	7.8	8.0	7.8	7.6	7.7	7.7	7.3	7.5
19	8.0	8.0	8.0	7.9	7.9	7.9	7.9	7.7	7.8	7.7	7.1	7.5
20	8.0	7.8	7.9	7.9	7.8	7.9	7.8	7.7	7.8	7.8	7.2	7.5
21	7.9	7.8	7.9	7.9	7.7	7.8	7.8	7.7	7.8	7.7	7.2	7.6
22	7.9	7.8	7.8	7.8	7.8	7.8	7.8	7.6	7.8	7.6	7.4	7.5
23	7.9	7.8	7.8	7.9	7.8	7.8	7.8	7.6	7.7	7.6	7.4	7.5
24	7.9	7.8	7.9	8.1	7.8	7.9	7.7	7.6	7.7	7.6	7.4	7.5
25	7.8	7.7	7.8	8.0	7.9	7.9	7.7	7.6	7.6	7.6	7.4	7.5
26	7.8	7.7	7.8	7.9	7.8	7.9	7.8	7.6	7.7	7.6	7.4	7.5
27	7.9	7.8	7.8	7.9	7.8	7.9	7.9	7.7	7.7	7.6	7.4	7.5
28	7.8	7.7	7.7	8.0	7.8	7.9	7.8	7.8	7.8	7.5	7.3	7.5
29	---	---	---	8.0	7.9	8.0	7.8	7.6	7.7	7.5	7.2	7.4
30	---	---	---	8.0	7.8	7.9	7.8	7.6	7.7	7.7	7.2	7.4
31	---	---	---	8.0	7.7	7.8	---	---	---	7.6	7.2	7.4
MONTH	8.4	7.7	8.0	---	---	---	8.0	7.5	7.7	7.8	7.1	7.5
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.5	7.2	7.4	8.3	7.5	8.0	8.2	7.1	7.6	8.0	6.9	7.5
2	7.5	7.3	7.4	8.2	7.3	7.8	8.3	7.1	7.8	7.2	7.0	7.0
3	7.5	7.2	7.3	8.1	7.5	7.8	8.4	7.6	8.0	7.7	7.0	7.2
4	7.5	7.3	7.4	8.0	7.5	7.7	8.4	7.8	8.1	7.8	7.1	7.4
5	7.5	7.2	7.3	8.2	7.4	7.8	8.3	7.8	8.2	7.6	7.1	7.2
6	7.4	7.2	7.3	8.0	7.6	7.8	8.3	7.4	8.0	7.4	7.1	7.2
7	7.8	7.1	7.3	7.9	7.5	7.7	8.3	7.3	7.7	7.7	7.2	7.3
8	7.6	7.3	7.5	8.0	7.6	7.7	8.2	7.4	7.9	8.2	7.2	7.7
9	7.8	7.2	7.4	7.9	7.4	7.5	8.3	7.3	7.9	8.1	7.7	8.0
10	7.8	7.0	7.5	8.3	7.3	7.6	8.2	7.9	8.1	8.2	7.6	8.0
11	7.9	7.4	7.6	8.1	7.3	7.6	8.1	7.8	8.0	8.2	7.4	7.8
12	7.8	7.4	7.6	7.9	7.0	7.4	8.1	7.6	7.9	8.1	7.3	7.6
13	7.8	7.3	7.6	7.8	6.9	7.1	8.2	7.7	7.9	8.1	7.2	7.5
14	7.8	7.5	7.6	7.4	6.8	7.1	8.0	7.4	7.7	8.0	7.2	7.5
15	7.6	7.4	7.5	7.9	6.9	7.2	7.8	7.2	7.6	8.0	7.7	7.8
16	7.6	7.3	7.5	7.8	7.0	7.1	8.2	7.0	7.6	8.1	7.8	8.0
17	7.6	7.2	7.4	8.3	7.0	7.7	8.4	7.1	7.9	8.2	8.0	8.0
18	8.2	7.1	7.4	8.2	7.0	7.9	8.1	7.2	7.9	8.2	7.9	8.0
19	8.2	7.1	7.4	7.9	6.9	7.5	8.3	7.2	7.7	8.2	7.7	8.0
20	8.4	6.9	7.7	7.3	6.9	7.0	8.2	7.3	8.0	8.1	7.6	8.0
21	8.5	7.3	8.0	7.1	6.9	7.0	8.0	7.2	7.6	8.1	7.8	8.0
22	8.4	7.4	8.1	7.8	6.9	7.1	8.3	7.0	7.5	8.1	7.3	7.9
23	8.3	7.8	8.1	8.0	6.9	7.6	8.3	7.0	7.5	8.2	7.3	7.8
24	7.9	7.6	7.7	8.0	7.6	7.8	7.9	6.9	7.2	8.1	7.4	7.9
25	8.2	7.4	7.6	7.9	7.5	7.7	7.3	7.0	7.1	8.0	7.7	7.8
26	8.2	7.3	7.7	7.9	7.3	7.6	7.6	7.0	7.2	7.9	7.7	7.8
27	8.2	7.1	7.5	7.9	7.3	7.6	8.2	7.0	7.5	7.9	7.5	7.8
28	8.0	7.1	7.6	7.8	7.4	7.5	8.2	7.2	8.0	7.9	7.3	7.7
29	8.3	7.0	7.4	7.9	7.4	7.7	8.1	6.9	7.5	7.8	7.3	7.7
30	8.5	7.2	8.0	7.8	7.2	7.5	7.9	7.0	7.3	7.8	7.4	7.7
31	---	---	---	7.9	7.3	7.5	8.1	7.0	7.9	---	---	---
MONTH	8.5	6.9	7.6	8.3	6.8	7.5	8.4	6.9	7.7	8.2	6.9	7.7

0208457125 PUNGO RIVER AT CHANNEL LIGHT 8--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	---	---	---	16.1	15.6	15.9	9.4	8.9	9.2	3.1	2.3	2.5
2	21.9	20.9	21.3	15.7	15.3	15.5	9.2	8.4	8.9	2.8	1.9	2.3
3	23.3	20.8	21.7	15.8	15.1	15.4	8.5	6.5	7.4	2.6	1.6	2.0
4	23.7	21.3	22.2	16.5	15.3	15.7	6.5	5.7	6.2	2.8	1.5	1.9
5	24.3	22.4	23.2	16.0	15.5	15.8	6.0	5.1	5.5	2.4	1.3	2.0
6	24.5	22.7	23.7	16.3	15.2	15.6	6.7	5.1	5.7	2.7	1.2	2.2
7	24.3	22.4	23.2	15.6	15.0	15.5	6.2	5.0	5.5	3.4	2.1	2.7
8	---	---	---	16.6	15.2	15.7	6.7	5.4	6.0	3.5	2.9	3.1
9	---	---	---	16.9	15.8	16.3	6.8	5.6	6.3	3.5	3.0	3.2
10	17.6	16.7	17.1	17.4	16.6	17.1	7.1	6.1	6.3	3.4	2.8	3.1
11	19.2	16.1	17.1	16.7	15.7	16.1	7.2	6.4	6.7	3.7	2.6	3.2
12	18.5	16.1	17.1	15.8	15.0	15.4	7.7	6.8	7.3	4.4	3.5	3.8
13	---	---	---	15.4	14.5	15.0	7.4	6.8	7.2	5.3	4.0	4.6
14	---	---	---	15.1	14.7	15.0	8.7	7.3	8.0	5.8	4.8	5.0
15	---	---	---	14.7	13.9	14.2	9.4	8.4	8.7	6.7	4.9	5.7
16	---	---	---	13.9	13.5	13.7	9.3	8.7	8.9	6.9	5.3	6.3
17	---	---	---	13.6	13.2	13.4	10.7	9.2	9.8	6.8	5.5	6.2
18	---	---	---	13.2	12.2	12.6	10.0	9.0	9.3	7.4	5.5	6.3
19	---	---	---	12.3	11.5	11.9	9.1	8.1	8.7	8.4	6.1	7.5
20	19.8	18.6	19.0	11.5	11.1	11.3	8.7	7.2	8.1	9.7	8.0	8.6
21	19.6	18.2	18.9	11.1	9.7	10.5	7.5	6.7	7.1	9.0	7.6	8.0
22	19.9	18.6	19.2	9.7	8.7	9.1	7.3	6.1	6.8	7.8	6.7	7.5
23	19.0	18.2	18.6	8.9	7.8	8.3	6.8	5.3	5.9	7.2	6.4	6.9
24	18.6	17.7	18.2	8.4	7.4	8.1	5.6	4.7	5.1	7.7	6.0	6.5
25	19.2	17.8	18.3	9.2	7.7	8.3	5.2	4.1	4.7	6.4	5.9	6.3
26	18.7	17.7	18.2	9.4	8.8	9.1	4.2	3.4	3.7	6.3	5.1	5.6
27	18.7	18.1	18.4	9.6	8.9	9.2	4.0	3.1	3.5	5.8	5.2	5.6
28	18.9	18.1	18.5	10.3	9.1	9.4	4.3	3.6	3.8	6.0	5.2	5.5
29	18.5	17.6	18.0	10.2	9.1	9.7	3.8	3.0	3.4	6.8	5.4	6.0
30	17.7	16.8	17.2	9.9	9.3	9.6	3.6	3.0	3.3	7.7	6.3	6.9
31	16.9	15.3	16.4	---	---	---	3.1	2.5	2.8	8.3	7.3	7.9
MONTH	---	---	---	17.4	7.4	12.9	10.7	2.5	6.4	9.7	1.2	5.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	8.4	8.0	8.2	11.2	10.4	10.9	13.9	13.2	13.5	19.7	17.5	18.6
2	8.4	8.0	8.3	11.3	10.7	10.9	13.6	12.6	13.1	20.8	18.7	19.6
3	8.4	7.3	7.9	11.4	10.9	11.2	13.2	12.8	13.0	21.5	19.5	20.4
4	7.5	7.0	7.3	11.5	10.9	11.2	13.6	12.8	13.1	22.3	20.5	21.3
5	8.0	7.4	7.6	11.5	10.8	11.2	14.1	12.8	13.4	23.7	21.3	22.1
6	8.6	7.4	8.0	10.8	8.6	9.7	14.6	13.1	13.9	22.5	20.2	21.7
7	8.9	7.8	8.2	8.6	8.1	8.4	16.8	14.4	15.1	20.5	17.6	20.0
8	9.4	8.0	8.7	9.5	7.4	8.5	18.1	15.7	16.9	20.8	19.2	20.0
9	10.1	8.4	9.3	9.2	8.5	8.8	21.2	17.3	18.7	21.4	19.3	20.2
10	11.2	9.8	10.5	10.8	8.5	9.0	22.0	18.7	20.1	22.1	19.9	20.7
11	10.4	9.2	9.9	10.5	8.5	9.6	21.3	19.1	19.8	22.8	20.7	21.6
12	9.2	8.0	8.8	10.8	9.3	10.2	21.3	20.0	20.7	23.4	21.5	22.1
13	9.1	8.8	8.9	12.4	10.7	11.6	21.5	20.9	21.2	22.9	22.1	22.5
14	9.8	8.8	9.2	12.8	11.9	12.4	21.4	20.7	21.1	22.9	21.8	22.2
15	10.8	9.6	10.1	12.9	12.4	12.6	21.1	20.5	20.8	22.0	21.5	21.8
16	12.0	10.4	11.2	13.3	12.5	12.9	20.8	19.9	20.3	21.6	20.9	21.2
17	12.1	10.9	11.5	15.3	12.9	13.7	19.9	17.5	18.9	21.0	20.2	20.5
18	11.1	10.0	10.6	14.2	12.8	13.3	17.8	15.9	16.6	21.4	19.9	20.4
19	10.3	9.1	9.9	12.9	11.9	12.6	16.8	14.9	15.8	22.7	20.6	21.5
20	10.8	9.6	10.2	12.2	11.0	11.8	16.3	15.0	15.8	23.8	21.9	22.5
21	12.2	10.6	11.2	12.7	11.7	12.0	17.1	15.8	16.4	23.3	22.5	23.1
22	11.0	9.5	10.2	12.2	11.9	12.0	18.9	16.8	17.7	24.1	23.0	23.4
23	10.3	9.1	9.6	12.9	11.4	12.2	20.0	17.9	18.8	24.0	23.5	23.8
24	10.4	9.2	9.7	13.4	11.8	12.7	20.6	19.1	19.9	25.6	22.8	23.8
25	10.6	9.6	10.0	13.1	11.9	12.4	20.4	17.1	19.3	25.7	23.3	24.0
26	12.5	10.5	11.2	12.1	11.3	11.7	18.4	16.5	17.5	25.0	24.0	24.4
27	12.5	10.9	11.6	11.9	10.7	11.2	18.2	16.3	17.2	24.8	24.1	24.5
28	11.9	10.9	11.4	12.0	10.5	11.1	18.6	17.3	17.8	24.5	23.9	24.2
29	---	---	---	11.6	10.7	11.3	18.4	17.6	18.0	24.0	23.4	23.8
30	---	---	---	13.7	11.6	12.5	19.1	17.0	17.8	24.5	23.3	23.9
31	---	---	---	16.2	13.1	13.7	---	---	---	24.2	23.2	23.6
MONTH	12.5	7.0	9.6	16.2	7.4	11.4	22.0	12.6	17.4	25.7	17.5	22.0

PAMLICO RIVER BASIN

0208457125 PUNGO RIVER AT CHANNEL LIGHT 8--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
JUNE			JULY			AUGUST			SEPTEMBER			
1	24.1	22.9	23.5	29.5	28.3	28.9	26.7	24.9	25.7	27.3	26.8	27.0
2	24.8	23.6	24.1	29.0	27.9	28.5	27.1	25.2	26.0	27.7	26.3	26.9
3	25.6	24.0	24.7	28.0	26.2	27.4	27.4	25.5	26.4	28.2	26.2	27.0
4	25.4	24.4	25.0	28.0	27.1	27.4	28.5	26.0	27.3	27.1	26.2	26.7
5	27.7	24.6	25.4	28.1	27.1	27.5	29.3	26.8	27.7	28.0	25.7	26.6
6	26.9	25.6	26.2	27.9	27.0	27.6	29.4	27.1	28.0	27.9	25.9	26.7
7	27.2	26.0	26.7	27.5	25.9	27.0	30.6	28.1	29.2	27.9	25.0	26.0
8	27.1	26.4	26.7	27.2	26.1	26.4	32.2	29.1	30.5	26.9	25.5	26.1
9	27.1	25.7	26.4	29.4	26.0	26.7	32.0	29.8	30.7	27.2	26.3	26.7
10	27.5	26.1	26.5	28.6	26.8	27.9	30.9	29.6	30.3	28.1	26.7	27.4
11	27.9	26.2	27.0	29.6	27.2	28.4	30.6	29.8	30.2	27.8	26.9	27.3
12	28.2	26.8	27.5	28.9	27.6	28.1	30.3	29.1	29.7	27.3	26.0	26.7
13	28.9	27.4	27.9	28.1	26.2	26.8	30.6	29.2	29.7	27.3	25.3	26.2
14	28.6	27.0	27.5	27.3	26.0	26.6	29.5	28.5	29.0	26.5	25.2	25.8
15	27.0	26.4	26.6	27.5	26.0	26.7	29.1	28.0	28.4	25.4	22.9	24.2
16	27.0	25.6	26.2	27.9	26.1	26.7	30.0	27.9	28.4	23.4	22.4	22.9
17	26.5	25.8	26.1	28.6	26.8	27.4	30.3	27.9	28.8	24.2	21.8	22.9
18	28.2	25.2	26.4	27.9	26.7	27.3	30.0	28.5	29.0	23.9	22.4	22.9
19	28.3	26.3	27.0	27.4	26.5	26.9	29.4	27.9	28.5	24.1	22.3	23.3
20	28.7	26.9	27.5	27.0	25.9	26.4	28.8	27.6	28.5	23.9	23.3	23.6
21	29.5	26.8	27.9	26.7	25.2	26.0	28.9	27.4	28.0	25.2	23.5	24.1
22	28.8	27.4	28.1	27.4	25.4	26.0	28.8	27.2	28.0	25.9	24.3	24.8
23	28.1	27.4	27.8	27.3	26.4	26.9	29.2	27.4	28.1	26.4	24.0	25.2
24	27.5	26.7	27.2	28.0	26.8	27.4	28.0	27.1	27.6	25.8	25.0	25.4
25	28.2	26.4	27.1	28.6	27.4	27.9	27.6	26.4	27.0	25.7	24.7	25.2
26	28.2	26.7	27.4	28.2	27.6	27.9	26.8	26.1	26.5	24.7	23.3	23.9
27	29.2	27.4	28.0	27.8	26.0	27.1	28.0	25.9	26.9	23.7	22.6	23.1
28	30.8	27.6	28.7	26.6	25.6	26.1	28.4	26.7	27.5	23.2	21.8	22.6
29	30.5	27.8	29.0	26.3	25.7	26.0	27.6	27.0	27.2	22.0	21.0	21.6
30	30.5	28.0	29.2	26.1	25.3	25.7	27.9	26.8	27.2	21.0	19.8	20.4
31	---	---	---	26.2	25.1	25.6	27.7	26.8	27.3	---	---	---
MONTH	30.8	22.9	26.8	29.6	25.1	27.1	32.2	24.9	28.2	28.2	19.8	25.0

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
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	16.0	15.6	15.8	9.4	9.1	9.2	3.2	2.1	2.5
2	21.6	20.8	21.2	15.7	15.2	15.4	9.2	8.5	8.9	3.3	2.3	2.7
3	21.4	21.1	21.3	15.7	15.0	15.4	8.5	6.5	7.5	3.1	1.8	2.4
4	22.4	21.3	21.5	15.8	15.4	15.6	6.5	5.7	6.2	2.5	1.5	1.9
5	23.4	21.4	21.8	15.9	15.6	15.8	6.7	5.4	6.1	3.0	1.8	2.1
6	24.1	22.1	23.1	15.9	15.3	15.7	6.8	5.6	6.3	3.0	1.5	2.5
7	23.3	21.6	22.2	15.9	15.4	15.7	6.7	5.2	5.9	3.1	2.4	2.6
8	---	---	---	16.0	15.3	15.8	7.1	5.5	6.2	3.2	2.5	2.8
9	---	---	---	16.8	15.9	16.2	7.3	5.8	6.7	3.4	3.0	3.2
10	18.3	16.8	17.3	17.4	16.6	17.0	7.1	6.3	6.6	3.2	2.8	3.0
11	17.4	16.2	16.7	16.6	15.9	16.1	7.1	6.5	6.7	3.5	2.8	3.2
12	17.1	16.6	17.0	15.9	15.1	15.4	7.6	6.7	7.2	3.8	3.2	3.4
13	---	---	---	15.2	14.8	15.0	7.5	6.9	7.3	4.7	3.3	4.0
14	---	---	---	15.2	14.7	15.0	9.1	7.1	7.9	4.7	4.3	4.5
15	---	---	---	14.7	13.9	14.2	9.0	7.9	8.5	4.5	4.3	4.4
16	---	---	---	13.9	13.5	13.7	9.3	8.6	8.7	6.6	4.4	4.9
17	---	---	---	13.6	13.1	13.4	10.6	8.9	9.7	6.1	4.5	4.9
18	---	---	---	13.1	12.2	12.6	9.7	8.9	9.2	6.3	4.8	5.1
19	---	---	---	12.6	11.5	12.0	9.3	8.7	9.1	8.4	5.2	6.7
20	18.5	18.4	18.5	11.5	11.1	11.2	8.7	7.9	8.2	9.2	6.1	8.0
21	18.8	18.4	18.5	11.1	9.7	10.5	8.1	6.7	7.7	8.6	7.6	8.0
22	18.7	18.5	18.6	9.7	8.7	9.1	7.9	6.7	7.3	7.9	7.2	7.7
23	18.8	18.2	18.6	8.7	7.8	8.4	6.8	5.6	6.0	7.6	6.6	7.0
24	18.6	18.1	18.4	8.3	7.9	8.2	6.0	5.1	5.6	6.9	6.2	6.4
25	19.0	17.9	18.2	9.1	7.9	8.3	6.1	4.2	4.8	6.4	5.9	6.2
26	18.5	18.1	18.3	9.3	8.7	9.0	4.7	3.6	3.9	6.1	5.1	5.5
27	18.6	18.1	18.4	9.5	8.9	9.2	4.0	3.4	3.7	5.8	5.2	5.6
28	18.8	18.1	18.5	9.8	9.0	9.4	4.4	3.7	4.1	5.8	5.3	5.5
29	18.5	17.6	18.0	10.0	9.6	9.8	4.1	3.1	3.4	6.4	5.6	5.7
30	17.6	16.8	17.2	9.8	9.3	9.6	3.7	3.0	3.5	7.7	6.1	6.9
31	16.9	15.1	16.4	---	---	---	3.5	2.5	2.8	8.4	7.3	7.8
MONTH	---	---	---	17.4	7.8	12.9	10.6	2.5	6.6	9.2	1.5	4.7

PAMLICO RIVER BASIN

0208457125 PUNGO RIVER AT CHANNEL LIGHT 8--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	8.5	7.9	8.2	11.2	10.5	10.9	13.5	12.9	13.3	19.6	17.5	18.3
2	8.4	7.9	8.2	11.2	10.8	11.0	13.4	12.5	12.9	20.8	18.6	19.3
3	8.2	7.3	7.8	11.2	10.9	11.1	13.1	12.8	12.9	21.0	19.5	20.1
4	7.7	7.2	7.4	11.5	10.9	11.1	13.2	12.8	13.0	22.1	20.1	21.0
5	8.0	7.4	7.7	---	---	---	13.8	12.9	13.3	23.0	21.3	21.8
6	8.5	7.5	8.0	10.8	8.6	9.7	14.6	13.3	13.8	22.5	20.5	21.7
7	8.6	7.7	8.1	8.7	8.1	8.4	15.6	14.1	14.6	20.6	18.3	20.1
8	9.5	8.0	8.6	9.4	8.1	8.7	17.8	15.2	16.5	20.7	19.6	20.1
9	10.4	8.1	9.3	9.0	8.5	8.7	20.1	17.2	17.8	21.0	19.9	20.2
10	10.9	9.9	10.4	10.0	8.7	8.9	20.7	17.9	19.0	21.6	20.1	20.5
11	10.4	9.4	10.0	10.2	8.9	9.2	20.3	18.9	19.5	22.3	20.7	21.4
12	9.5	8.7	9.0	11.0	9.1	9.8	21.3	20.0	20.6	22.9	21.4	22.0
13	9.0	8.8	8.9	12.4	10.3	11.7	21.4	20.8	21.1	22.8	22.1	22.4
14	9.7	8.8	9.1	12.8	11.9	12.3	21.2	20.7	20.9	22.8	21.8	22.2
15	10.3	9.4	9.9	12.8	12.5	12.7	21.1	20.5	20.7	21.9	21.5	21.7
16	11.8	9.5	10.7	13.3	12.6	12.8	20.8	19.9	20.3	21.6	21.0	21.2
17	12.1	10.1	11.5	14.2	12.8	13.0	19.9	17.4	18.9	21.0	20.3	20.6
18	11.2	10.3	10.7	14.1	12.9	13.3	17.7	15.8	16.5	21.0	20.1	20.5
19	10.5	9.7	10.1	13.0	12.4	12.7	16.4	14.9	15.6	22.4	20.5	21.0
20	10.8	9.7	10.2	12.5	11.6	12.0	16.3	15.1	15.8	23.2	21.6	22.2
21	11.9	10.2	10.8	12.4	11.7	12.0	17.1	15.8	16.4	23.2	21.7	22.9
22	11.0	9.5	10.2	12.2	11.9	12.0	18.6	16.7	17.4	24.1	23.0	23.4
23	9.7	9.1	9.3	12.8	11.5	12.2	19.9	17.8	18.6	25.0	23.7	23.9
24	10.1	9.2	9.6	13.5	12.0	12.7	20.6	19.0	19.8	24.4	23.3	23.6
25	10.6	9.6	10.1	13.4	12.3	12.6	20.4	17.2	19.3	24.9	23.5	24.1
26	11.4	10.5	10.9	12.5	11.4	11.8	18.4	16.6	17.5	24.9	23.9	24.3
27	12.4	10.8	11.4	11.5	10.8	11.1	17.9	16.3	16.9	24.8	24.0	24.4
28	11.8	11.2	11.4	11.4	10.4	11.0	18.3	17.3	17.7	24.5	23.8	24.2
29	---	---	---	11.6	10.9	11.3	18.2	17.6	17.9	24.0	23.6	23.8
30	---	---	---	13.3	11.5	12.3	18.0	17.2	17.6	24.2	23.4	23.7
31	---	---	---	13.6	12.5	12.9	---	---	---	23.8	23.2	23.5
MONTH	12.4	7.2	9.6	---	---	---	21.4	12.5	17.2	25.0	17.5	21.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	24.2	23.0	23.6	29.4	28.3	28.9	26.3	25.3	25.8	27.4	26.8	27.1
2	24.7	23.6	24.1	29.0	27.9	28.5	27.4	25.6	26.3	27.1	26.9	27.0
3	25.2	24.0	24.5	28.3	26.6	27.5	27.1	26.1	26.6	27.2	26.9	26.9
4	25.4	24.5	24.9	28.0	27.1	27.4	27.7	26.1	26.7	27.0	26.7	26.8
5	25.7	24.6	25.0	28.1	27.1	27.5	28.2	26.8	27.4	26.8	26.7	26.8
6	26.5	25.5	25.8	27.8	27.3	27.6	29.1	27.1	27.9	26.8	26.6	26.7
7	27.0	26.0	26.5	27.5	26.5	27.0	30.4	27.7	28.5	26.8	26.2	26.5
8	27.0	26.4	26.6	27.5	26.1	26.5	31.0	28.6	29.6	26.9	25.7	26.4
9	26.7	26.1	26.4	27.5	26.0	26.3	31.0	29.0	30.2	27.2	26.3	26.7
10	27.1	26.1	26.4	28.6	26.3	27.2	30.9	29.5	30.2	28.1	26.8	27.3
11	28.0	26.2	26.8	29.0	27.2	27.8	30.6	29.6	30.0	28.1	26.9	27.3
12	27.8	26.7	27.2	28.4	27.3	27.8	30.2	29.1	29.6	27.4	26.7	27.0
13	28.9	27.2	27.8	28.0	26.7	27.3	30.2	29.1	29.5	26.9	26.3	26.7
14	28.5	26.9	27.5	26.9	26.2	26.5	29.5	28.5	28.9	26.8	25.2	26.3
15	27.0	26.4	26.7	26.6	25.7	26.4	28.6	28.2	28.3	25.5	23.8	24.4
16	26.5	25.8	26.1	26.9	26.3	26.4	28.7	28.3	28.5	23.9	22.5	23.0
17	26.2	25.9	26.1	27.7	26.6	27.1	29.7	27.9	28.6	23.2	22.3	22.8
18	27.9	26.1	26.4	27.7	26.8	27.1	29.3	28.5	28.8	23.1	22.4	22.9
19	27.8	25.9	26.4	27.2	26.6	26.9	29.3	28.1	28.6	24.1	22.6	23.3
20	28.3	26.0	26.9	26.7	26.3	26.5	28.9	28.1	28.5	24.1	23.1	23.7
21	28.5	26.8	27.5	26.4	25.9	26.3	28.2	27.6	27.8	25.0	23.6	23.9
22	28.5	27.2	27.8	26.8	26.0	26.3	28.7	27.3	27.7	24.6	23.7	24.2
23	28.0	27.5	27.8	27.4	26.3	26.8	28.6	27.5	28.0	25.8	23.7	24.5
24	27.8	27.0	27.4	28.0	26.8	27.4	28.0	27.6	27.9	25.8	24.2	25.2
25	27.8	26.9	27.1	28.7	27.5	27.9	28.0	26.8	27.8	25.6	24.8	25.2
26	28.0	26.9	27.3	28.1	27.7	27.9	27.8	26.4	27.1	24.8	23.3	23.9
27	28.7	26.9	27.7	27.8	26.2	27.1	27.4	26.5	26.9	23.7	22.9	23.4
28	28.5	27.3	27.8	26.6	25.6	26.3	27.9	26.7	27.2	23.6	22.0	22.9
29	29.4	27.4	28.0	26.2	25.8	26.1	27.6	27.1	27.3	23.1	21.1	21.9
30	29.9	27.9	28.8	26.2	25.5	25.8	27.4	27.0	27.1	22.4	19.8	20.4
31	---	---	---	25.7	25.4	25.6	27.7	26.8	27.2	---	---	---
MONTH	29.9	23.0	26.6	29.4	25.4	27.0	31.0	25.3	28.1	28.1	19.8	25.0

PAMLICO RIVER BASIN

0208457125 PUNGO RIVER AT CHANNEL LIGHT 8--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	7.5	6.6	7.0	8.4	6.3	7.2	8.9	6.0	7.7	7.4	6.1	6.7
2	8.0	6.9	7.3	7.7	5.9	6.8	9.6	7.2	8.3	8.3	4.9	6.6
3	8.2	7.1	7.6	8.2	6.0	6.9	10.9	7.6	9.1	7.9	5.1	6.7
4	7.9	6.9	7.3	7.6	6.1	6.7	10.9	8.8	9.7	7.3	5.2	6.3
5	8.1	6.5	7.1	7.9	6.1	6.9	10.3	7.8	8.9	7.4	5.8	6.5
6	7.5	6.4	7.1	6.8	5.9	6.4	9.5	6.8	7.8	7.6	4.3	5.8
7	7.6	5.8	6.8	6.4	5.2	6.0	8.9	7.0	7.9	8.3	5.5	6.5
8	7.2	6.2	6.7	6.1	5.3	5.7	9.5	7.0	8.1	7.5	5.5	6.7
9	7.9	6.4	7.0	6.8	5.0	5.7	9.4	5.9	7.7	7.3	6.6	6.9
10	8.1	6.3	7.3	7.9	4.3	6.4	7.7	5.8	6.8	7.8	5.9	6.9
11	8.1	6.0	7.2	6.4	4.3	5.3	7.8	6.1	6.7	7.1	6.0	6.4
12	7.5	5.7	6.8	7.4	3.1	5.6	7.6	5.4	6.6	7.0	5.7	6.3
13	7.0	5.6	6.4	6.4	5.1	5.5	9.1	6.4	7.4	8.4	5.3	6.7
14	6.6	6.1	6.4	6.7	5.0	5.8	8.3	6.2	7.1	8.0	4.3	6.5
15	7.1	6.2	6.6	8.0	5.7	6.7	8.5	6.7	7.3	7.2	5.0	6.1
16	7.7	6.7	7.0	8.4	5.5	6.8	10.7	5.9	7.6	7.6	6.4	6.9
17	8.1	6.3	6.9	8.3	6.1	7.2	10.6	5.2	8.2	8.0	6.6	7.2
18	8.9	6.3	7.3	8.2	5.7	7.0	8.7	5.2	7.1	8.2	6.8	7.4
19	10.9	6.8	8.1	7.5	4.9	6.7	8.6	5.2	7.0	---	---	---
20	11.1	8.1	9.1	7.6	4.7	6.3	7.8	6.2	7.1	---	---	---
21	10.6	8.1	9.0	8.4	6.1	7.3	8.3	5.4	6.4	---	---	---
22	9.7	6.9	8.3	9.0	6.4	7.3	8.1	5.9	6.6	---	---	---
23	7.4	6.6	7.0	8.1	6.8	7.5	9.2	5.6	7.2	---	---	---
24	7.3	6.6	7.0	8.2	6.8	7.4	8.0	5.8	6.8	---	---	---
25	8.6	6.7	7.3	7.9	6.6	7.1	7.8	5.3	6.4	---	---	---
26	8.2	7.0	7.5	7.1	6.1	6.6	8.0	6.0	7.0	---	---	---
27	8.2	6.6	7.3	6.6	5.7	6.1	10.3	6.6	8.2	---	---	---
28	9.5	6.1	7.7	7.1	5.3	6.3	8.7	7.1	7.9	7.6	5.7	6.7
29	8.7	6.3	7.5	7.7	6.3	7.0	7.8	5.5	6.8	6.9	5.6	6.4
30	8.5	5.9	7.2	7.4	5.8	6.5	8.6	5.2	7.0	7.4	6.0	6.7
31	---	---	---	8.3	6.5	7.4	7.6	6.2	6.9	---	---	---
MONTH	11.1	5.6	7.3	9.0	3.1	6.6	10.9	5.2	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	---	---	---	7.6	6.7	7.1	9.9	9.5	9.7	12.9	11.9	12.6
2	7.3	5.8	6.4	7.7	6.7	7.2	10.1	9.7	9.9	12.9	11.8	12.5
3	6.4	5.1	5.9	8.0	6.9	7.5	10.2	9.7	10.0	13.2	12.1	12.7
4	7.5	4.5	5.4	7.6	6.4	7.2	10.3	9.9	10.2	13.6	12.5	13.2
5	9.1	4.3	5.4	7.9	6.5	7.2	10.8	9.7	10.2	13.5	12.1	13.1
6	9.5	4.4	7.7	7.4	6.2	6.9	11.0	9.6	10.2	13.4	12.3	12.9
7	7.4	2.7	4.4	7.6	5.9	6.8	11.2	9.6	10.5	13.5	12.2	13.1
8	---	---	---	7.5	5.4	6.5	11.4	9.2	10.5	13.3	11.3	12.9
9	---	---	---	7.9	5.3	6.9	11.2	8.8	10.2	12.9	11.4	12.4
10	8.1	6.9	7.5	7.8	6.7	7.2	10.6	8.9	10.0	12.7	12.3	12.5
11	8.5	7.1	7.8	7.9	6.9	7.3	10.5	8.9	10.0	12.7	12.3	12.4
12	8.6	6.7	7.7	7.6	6.6	7.1	10.7	8.8	10.0	12.6	11.8	12.2
13	---	---	---	7.1	6.3	6.7	10.2	8.6	9.5	12.4	11.7	12.0
14	---	---	---	7.4	6.2	6.7	10.2	9.3	9.9	12.1	11.8	11.9
15	---	---	---	7.8	6.4	7.0	10.1	8.8	9.4	12.0	11.3	11.7
16	---	---	---	8.2	6.8	7.6	10.5	9.2	9.6	12.2	11.2	11.7
17	---	---	---	8.2	7.9	8.1	10.3	8.6	9.2	12.8	11.1	11.8
18	---	---	---	8.3	7.7	8.1	9.6	8.3	8.7	12.7	11.7	12.0
19	---	---	---	8.4	8.1	8.2	10.0	8.0	8.8	12.8	11.7	12.2
20	4.2	3.7	4.0	8.7	8.2	8.4	9.8	9.0	9.4	11.9	11.0	11.5
21	4.8	3.2	3.6	9.1	8.6	8.8	12.0	9.5	10.2	11.7	11.0	11.2
22	4.3	2.9	3.2	9.4	9.0	9.2	13.0	10.5	11.7	11.9	11.1	11.5
23	7.2	3.5	4.9	9.6	9.2	9.4	12.2	11.5	11.8	11.9	11.0	11.6
24	6.9	5.1	6.2	9.8	9.4	9.6	12.5	11.1	11.9	12.2	11.3	11.6
25	7.6	5.9	6.5	9.8	9.5	9.7	13.0	10.7	12.3	11.9	11.0	11.6
26	7.6	5.8	6.7	9.7	9.5	9.6	12.8	11.9	12.2	12.4	11.6	11.8
27	7.8	6.9	7.4	9.7	9.4	9.5	13.0	11.8	12.2	12.3	11.9	12.1
28	7.9	7.0	7.4	9.7	9.4	9.5	12.7	11.1	12.0	12.7	11.9	12.3
29	7.8	6.5	6.9	10.2	9.5	9.8	12.6	12.0	12.2	13.3	11.2	12.4
30	7.3	6.4	6.9	10.0	9.6	9.9	13.0	11.6	12.2	13.3	12.1	12.7
31	7.6	6.6	7.0	---	---	---	12.8	11.8	12.6	12.2	11.9	12.0
MONTH	---	---	---	10.2	5.3	8.0	13.0	8.0	10.6	13.6	11.0	12.2

PAMLICO RIVER BASIN

0208457125 PUNGO RIVER AT CHANNEL LIGHT 8--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	12.0	11.2	11.7	7.9	7.3	7.6	9.9	9.0	9.5	8.6	8.0	8.3
2	12.4	10.9	11.4	7.9	7.2	7.5	10.0	9.1	9.4	8.7	7.2	8.2
3	12.1	11.0	11.6	7.9	6.9	7.2	9.8	9.1	9.5	8.4	7.7	8.2
4	12.2	11.5	11.8	7.5	6.7	7.1	9.6	8.7	9.2	8.4	7.3	7.9
5	12.1	11.4	11.8	---	---	---	9.7	8.7	9.2	8.4	7.0	7.9
6	12.4	9.8	11.4	8.4	7.5	8.0	9.4	8.9	9.2	8.3	6.6	7.8
7	12.4	9.4	11.3	8.7	8.1	8.4	9.1	8.4	8.8	8.5	7.9	8.2
8	13.0	9.6	11.3	8.9	8.0	8.6	8.9	8.2	8.6	8.9	7.9	8.4
9	12.3	9.3	11.2	8.9	7.6	8.5	8.6	7.4	7.9	8.4	7.3	7.9
10	11.4	9.7	10.7	9.1	7.9	8.6	8.8	7.2	7.7	7.8	6.8	7.2
11	10.9	9.2	10.3	9.8	8.2	8.8	7.9	6.8	7.4	7.9	6.6	7.3
12	10.7	8.9	10.2	9.5	8.3	8.9	8.1	6.1	7.5	7.5	6.8	7.2
13	10.8	8.2	10.2	9.2	8.4	8.8	8.1	7.1	7.6	7.6	6.5	7.0
14	10.8	8.1	9.5	9.0	8.2	8.6	7.9	7.1	7.4	7.6	6.7	7.1
15	8.3	7.9	8.1	8.8	8.2	8.5	7.7	7.2	7.4	7.2	5.9	6.7
16	8.1	7.3	7.9	8.6	7.9	8.1	8.4	7.1	7.5	6.9	5.5	6.3
17	8.0	6.9	7.6	8.8	7.6	8.0	8.3	7.1	7.6	7.1	6.2	6.7
18	7.9	7.4	7.6	8.9	8.0	8.5	8.4	7.5	8.0	7.7	5.9	6.8
19	8.0	7.5	7.8	8.9	8.3	8.5	8.9	7.9	8.3	8.2	4.9	7.0
20	7.9	7.5	7.8	9.0	8.5	8.7	8.7	8.1	8.6	8.2	5.5	7.1
21	7.7	7.0	7.4	9.3	8.6	8.8	8.8	8.1	8.6	7.4	5.4	7.0
22	7.8	7.0	7.6	9.2	8.8	8.9	8.8	7.8	8.5	8.0	6.5	7.0
23	8.1	7.6	7.8	9.6	8.8	9.1	8.7	7.9	8.3	6.9	6.1	6.5
24	8.3	7.6	8.0	9.7	8.8	9.3	8.2	7.5	8.1	6.8	5.3	6.5
25	8.2	7.7	8.0	9.3	8.8	9.0	8.1	7.5	7.8	7.4	5.3	6.6
26	7.8	7.6	7.7	9.4	8.8	9.0	8.5	7.6	8.1	7.3	6.1	6.8
27	7.9	7.3	7.6	10.2	8.9	9.4	8.8	8.0	8.3	7.5	5.3	6.9
28	7.7	7.2	7.5	10.4	9.3	10.0	8.6	8.1	8.4	7.5	5.5	7.0
29	---	---	---	10.3	9.9	10.1	8.6	8.0	8.3	6.9	5.4	6.2
30	---	---	---	10.2	9.6	10.0	8.7	8.0	8.3	7.4	5.2	6.2
31	---	---	---	10.0	8.9	9.5	---	---	---	7.4	5.8	6.7
MONTH	13.0	6.9	9.4	---	---	---	10.0	6.1	8.3	8.9	4.9	7.2
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.4	6.1	6.9	8.2	5.8	7.2	8.1	2.1	5.4	6.9	.2	4.1
2	7.8	6.9	7.4	7.4	5.1	6.6	8.4	2.3	6.0	2.3	.2	.5
3	8.0	6.7	7.4	7.8	5.1	6.5	9.3	5.0	7.2	5.4	.3	2.2
4	7.5	7.0	7.3	7.4	4.9	6.5	9.1	6.3	7.5	5.2	.5	3.2
5	7.4	6.5	7.0	7.6	5.2	6.7	8.3	4.0	5.5	4.0	.6	1.7
6	7.3	6.2	6.8	6.8	5.8	6.2	5.9	2.9	4.7	2.4	.1	.7
7	7.4	5.2	6.4	6.4	5.2	5.7	5.5	2.0	3.4	4.2	.1	1.2
8	6.7	5.5	6.2	6.6	5.2	5.6	5.3	2.4	4.1	7.3	1.0	4.2
9	7.2	4.7	5.8	6.0	3.8	4.6	7.7	2.5	4.8	7.1	4.8	6.4
10	7.4	3.6	6.0	6.8	3.3	4.7	7.6	5.8	6.6	7.3	4.5	6.2
11	7.7	5.8	6.7	5.8	2.6	4.0	6.9	5.7	6.3	6.8	2.4	5.1
12	7.2	5.3	6.3	7.2	2.1	4.2	7.2	5.2	6.2	6.2	1.4	3.7
13	6.7	5.3	6.0	6.8	.9	3.0	7.8	5.7	6.7	6.3	.4	2.8
14	6.4	5.3	6.1	5.5	.1	2.6	7.0	4.5	5.9	6.4	.1	2.9
15	6.7	5.7	6.2	7.7	.1	3.2	6.4	3.5	5.2	6.5	4.3	5.6
16	6.8	5.8	6.3	7.4	.0	2.3	8.0	1.2	5.0	7.5	6.3	6.8
17	6.8	5.3	6.1	8.1	.5	5.4	9.4	2.5	6.5	7.9	6.3	6.9
18	8.7	4.0	5.5	8.0	2.4	6.6	7.1	2.8	6.2	7.8	5.1	6.2
19	9.1	4.3	5.7	6.9	.8	4.6	8.2	2.9	5.4	8.4	4.7	6.4
20	10.1	3.4	7.1	4.8	1.2	1.9	7.4	3.5	6.5	7.7	4.3	6.8
21	10.2	5.4	8.1	3.9	1.2	1.7	6.5	3.0	5.1	8.1	5.5	7.1
22	8.8	5.8	7.7	7.5	1.1	2.8	8.0	1.9	4.5	7.6	2.9	6.3
23	7.6	6.8	7.1	8.1	1.2	6.5	8.1	1.5	4.4	8.1	2.7	5.5
24	7.0	5.5	6.2	8.4	6.2	7.5	6.3	.9	3.0	7.3	3.3	6.3
25	8.0	4.7	5.9	8.0	6.6	7.1	4.3	.5	1.8	6.5	4.5	5.6
26	7.9	4.4	6.1	6.8	5.9	6.3	6.1	.5	2.9	6.8	5.3	5.9
27	7.7	3.0	5.6	6.2	3.3	5.3	8.6	.8	4.7	7.4	4.4	6.1
28	7.2	3.0	5.6	6.5	4.1	5.1	8.4	3.2	7.1	7.1	2.6	5.6
29	7.9	2.8	4.7	7.4	4.3	6.2	7.7	1.1	5.1	6.8	3.0	5.7
30	9.2	3.9	6.9	7.1	3.3	5.5	6.6	1.1	3.7	7.6	3.0	6.7
31	---	---	---	6.9	4.1	5.6	7.7	.6	6.4	---	---	---
MONTH	10.2	2.8	6.4	8.4	.0	5.1	9.4	.5	5.3	8.4	.1	4.8

PAMLICO RIVER BASIN

0208457125 PUNGO RIVER AT CHANNEL LIGHT 8--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	89	77	82	110	81	93	111	73	95	94	76	85
2	97	82	88	100	77	88	120	88	103	106	61	83
3	100	85	91	106	76	88	136	94	114	101	64	84
4	96	83	88	98	77	85	140	109	123	92	65	79
5	104	78	87	101	77	87	131	99	114	94	73	82
6	95	79	88	87	75	81	123	87	101	97	54	72
7	96	71	85	82	65	75	119	90	103	104	68	81
8	91	78	84	75	66	71	130	93	108	94	68	83
9	99	80	87	89	62	71	129	79	103	91	81	86
10	102	78	92	102	52	81	103	78	90	100	75	88
11	103	75	91	82	52	67	105	81	89	91	75	81
12	96	73	86	101	38	73	101	71	87	88	71	78
13	90	71	82	86	68	72	122	84	98	105	65	84
14	86	78	81	90	66	77	108	81	93	100	52	80
15	88	78	83	108	77	90	111	86	95	85	61	73
16	96	82	87	115	74	92	140	76	98	89	75	81
17	101	77	86	117	85	99	140	66	106	95	77	85
18	115	78	91	106	72	89	114	67	93	98	79	87
19	139	84	102	95	61	84	113	68	91	---	---	---
20	144	102	116	95	59	79	101	80	91	---	---	---
21	138	102	115	106	74	90	109	69	82	---	---	---
22	126	89	107	114	79	91	106	75	85	---	---	---
23	95	84	89	102	85	94	120	71	92	---	---	---
24	93	83	88	105	87	94	101	74	87	---	---	---
25	111	84	93	103	84	91	99	66	81	---	---	---
26	106	87	96	91	78	85	100	75	87	---	---	---
27	107	84	94	84	72	77	132	83	104	---	---	---
28	127	78	100	88	65	78	111	89	101	88	66	78
29	116	81	97	96	78	86	99	70	86	78	63	73
30	112	76	95	91	72	80	111	66	88	82	67	74
31	---	---	---	103	79	91	97	78	88	---	---	---
MONTH	144	71	92	117	38	84	140	66	96	---	---	---

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	---	---	---	77	67	71	86	83	85	95	89	92
2	84	65	73	78	68	73	87	84	85	96	88	92
3	72	58	66	81	70	75	85	81	83	96	90	93
4	86	51	61	77	65	72	84	81	82	98	92	95
5	107	48	62	80	65	73	86	80	83	98	89	95
6	113	51	90	75	63	70	88	79	82	98	91	95
7	87	31	50	77	60	68	89	79	84	101	91	96
8	---	---	---	76	55	66	93	75	85	99	85	95
9	---	---	---	81	54	70	92	73	83	97	85	93
10	85	72	78	81	69	75	86	74	81	95	92	93
11	87	73	81	81	70	74	86	74	82	96	91	93
12	89	70	79	77	66	71	90	73	83	95	89	92
13	---	---	---	71	62	66	84	72	79	95	88	92
14	---	---	---	73	62	67	87	79	84	94	91	92
15	---	---	---	76	63	68	87	74	81	93	88	91
16	---	---	---	80	66	74	91	79	83	99	87	91
17	---	---	---	79	76	77	90	76	81	103	86	92
18	---	---	---	78	72	77	84	72	76	103	92	94
19	---	---	---	78	75	76	86	70	76	107	93	100
20	45	40	43	79	75	77	83	77	80	101	89	97
21	52	34	39	81	78	79	98	79	86	98	92	95
22	46	31	34	81	78	80	107	89	97	100	93	96
23	78	37	53	82	79	81	98	93	95	99	92	96
24	73	54	66	83	80	81	99	89	94	101	92	95
25	82	63	69	85	82	83	102	86	96	97	90	94
26	81	61	71	84	82	83	97	92	93	100	92	94
27	84	74	79	85	82	83	98	90	92	98	94	97
28	84	75	79	86	81	83	96	86	92	101	95	97
29	83	68	73	90	83	87	94	90	92	108	90	99
30	76	67	72	88	85	87	98	88	92	108	101	104
31	78	67	72	---	---	---	95	89	93	104	99	101
MONTH	---	---	---	90	54	76	107	70	86	108	85	95

PAMLICO RIVER BASIN

0208457125 PUNGO RIVER AT CHANNEL LIGHT 8--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	102	96	99	72	66	69	95	86	91	93	84	88
2	106	93	97	72	66	69	95	86	90	98	78	89
3	103	93	97	71	63	66	93	86	90	95	84	91
4	102	96	98	69	61	65	91	83	87	97	81	89
5	101	96	99	---	---	---	94	82	88	98	79	91
6	106	82	96	73	67	70	92	86	89	95	75	89
7	106	79	96	75	69	72	90	83	87	94	87	90
8	114	84	97	78	69	74	92	84	88	99	87	92
9	109	82	98	77	65	73	93	77	83	93	81	88
10	102	87	96	81	69	74	99	76	84	88	75	81
11	97	81	92	87	71	77	86	75	81	91	74	82
12	93	77	89	86	72	79	92	68	84	87	78	82
13	94	71	88	85	77	81	91	81	86	87	75	81
14	93	70	83	85	76	81	89	79	83	89	77	82
15	73	69	72	83	78	80	86	80	83	83	68	76
16	75	64	71	82	74	77	92	79	83	78	62	71
17	73	62	70	86	72	76	88	78	82	79	69	74
18	71	67	69	87	77	82	86	78	82	86	66	76
19	71	67	70	84	79	81	91	79	83	94	54	79
20	70	66	69	84	79	81	89	82	87	96	63	82
21	70	63	67	86	79	82	91	82	88	87	62	81
22	69	63	68	85	82	83	93	82	89	95	77	83
23	70	67	68	91	81	85	95	84	89	82	73	77
24	74	67	70	93	83	88	92	84	88	82	63	76
25	73	68	71	89	82	85	87	81	84	89	63	79
26	71	69	70	87	81	84	90	81	84	88	73	81
27	74	66	70	93	81	85	93	82	86	90	64	83
28	71	66	69	95	84	91	91	85	89	90	65	83
29	---	---	---	94	90	92	91	85	88	82	64	73
30	---	---	---	98	90	93	92	84	87	89	62	74
31	---	---	---	95	83	91	---	---	---	88	68	79
MONTH	114	62	82	---	---	---	99	68	86	99	54	82
	JUNE			JULY			AUGUST			SEPTEMBER		
1	88	71	82	108	75	94	101	26	67	87	3	52
2	95	83	88	97	65	85	106	29	75	29	3	6
3	97	80	89	99	65	83	118	62	91	68	4	28
4	92	84	88	95	62	83	116	79	93	65	6	41
5	91	79	85	97	66	85	105	50	70	51	7	22
6	91	76	83	87	74	79	77	37	60	30	2	8
7	93	65	80	80	65	72	73	25	44	53	1	16
8	84	68	77	83	65	70	72	32	54	91	12	53
9	90	58	72	76	48	57	103	33	64	90	60	80
10	94	44	75	89	41	60	102	77	89	93	57	79
11	97	72	84	75	33	51	92	75	83	87	30	64
12	92	67	79	93	27	53	96	68	82	77	17	47
13	86	67	77	87	11	39	104	75	88	79	5	36
14	81	68	77	68	1	33	92	59	77	78	1	36
15	84	72	78	96	1	39	82	45	67	77	52	67
16	85	72	78	92	1	29	104	16	64	88	74	79
17	84	65	75	103	7	68	123	32	84	92	73	80
18	111	50	69	102	30	83	92	36	80	91	60	72
19	116	53	71	86	10	58	108	38	70	99	55	75
20	128	43	90	59	15	23	95	44	84	92	51	81
21	131	68	102	48	15	22	84	39	65	97	65	84
22	114	73	98	94	14	35	104	25	58	91	34	76
23	98	86	91	103	15	82	105	20	57	99	32	67
24	89	70	79	107	78	95	80	12	38	90	40	77
25	102	59	74	104	84	91	54	6	23	79	54	69
26	101	55	78	87	75	80	77	7	37	80	63	70
27	100	38	72	79	42	67	110	10	59	88	52	72
28	93	38	72	80	51	63	107	40	90	83	30	65
29	104	36	60	91	53	76	97	14	65	77	35	65
30	122	49	90	87	41	67	84	14	47	84	35	75
31	---	---	---	85	50	68	98	7	81	---	---	---
MONTH	131	36	80	108	1	64	123	6	68	99	1	58