

## 0208455560 PUNGO RIVER AT CHANNEL LIGHT 18

LOCATION.--Lat 35°31'05", long 76°29'47", Hyde County, Hydrologic Unit 03020104, on U.S. Coast Guard Channel Light 18.

PERIOD OF RECORD.--Water years 2002 to current year.

## PERIOD OF DAILY RECORD.--

SALINITY (TOP AND BOTTOM): May 2002 to current year.

pH (TOP AND BOTTOM): May 2002 to current year.

WATER TEMPERATURE (TOP AND BOTTOM): May 2002 to current year.

DISSOLVED OXYGEN (TOP AND BOTTOM): May 2002 to current year.

DISSOLVED OXYGEN, PERCENT SATURATION (TOP AND BOTTOM): May 2002 to current year.

INSTRUMENTATION.--Water-quality monitor with satellite telemetry from May 2002 to current year.

REMARKS.--Station operated in cooperation with the North Carolina Department of Environment and Natural Resources. The monitor was removed on September 15, 2003 to prevent possible destruction of the equipment during Hurricane Isabel. It was reinstalled on September 21, 2003. Top constituents were monitored at 8 ft above the streambed and bottom constituents, 2 ft above the streambed. Salinity and dissolved oxygen, percent saturation are computed. The salinity is computed from specific conductance using the conversion from U.S. Geological Survey Water-Supply Paper 2311. The dissolved oxygen percent saturation is computed using a barometric pressure of 760 mm Hg. 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	18.5, October 11, 2002	0.3, August 17, 23, 2003
SALINITY (BOTTOM), ppt	20.5 October 25, 26, 2002	0.3, August 17, 23, 2003
pH (TOP), standard units	8.5, July 17, 2002	5.5, August 23, 2003
pH (BOTTOM), standard units	8.2, on several days during the period	5.5, August 23, 2003
WATER TEMPERATURE (TOP), °C	32.6, July 9, 2004	0.2, January 25, 2003
WATER TEMPERATURE (BOTTOM), °C	30.8, July 31, 2002	0.4, January 24, 2003
DISSOLVED OXYGEN (TOP), mg/L	13.6, February 9, 2003	<1.0, July 22, 26, 27, 2004
DISSOLVED OXYGEN (BOTTOM), mg/L	13.1, January 25, 2003	<1.0, on many days during the period

## EXTREMES FOR CURRENT YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY (TOP), ppt	10.7, September 28	1.0, December 27
SALINITY (BOTTOM), ppt	13.3, September 28	1.3, May 25, 28
pH (TOP), standard units	8.4, July 9	5.9, December 27, 28, 29
pH (BOTTOM), standard units	7.9, September 28, 30	6.4, December 27, May 23, 25, June 10
WATER TEMPERATURE (TOP), °C	32.6, July 9	2.6, January 29
WATER TEMPERATURE (BOTTOM), °C	30.0, July 15	2.8, January 29
DISSOLVED OXYGEN (TOP), mg/L	12.0, January 28, 29, 30, February 1, 2, 3	<1.0, July 22, 26, 27
DISSOLVED OXYGEN (BOTTOM), mg/L	11.7, February 18	<1.0, on many days during the year
DISSOLVED OXYGEN, PERCENT SATURATION (TOP),%	119, July 9	<10, July 22, 26, 27
DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM),%	98, September 21	<10, on many days during the year

## 0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, TOP  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.3	4.7	5.0	5.3	4.8	5.1	5.3	5.1	5.3	2.9	1.8	2.0
2	5.1	4.8	4.9	5.6	4.7	5.1	5.3	4.8	5.2	2.6	1.8	2.0
3	5.0	4.9	4.9	5.8	5.0	5.3	5.1	4.7	4.9	2.2	1.9	2.0
4	5.0	4.8	4.9	5.9	5.3	5.6	5.3	4.7	4.9	2.4	2.0	2.2
5	5.0	4.6	4.9	6.2	5.5	5.9	5.2	5.0	5.0	2.7	1.9	2.3
6	5.0	4.7	4.9	6.2	5.3	5.6	5.1	4.8	5.0	2.3	1.8	2.1
7	5.0	4.6	4.8	5.5	5.4	5.5	5.0	4.9	5.0	2.3	1.5	2.0
8	4.9	4.7	4.8	5.9	5.4	5.6	5.1	4.7	4.9	2.2	1.7	2.1
9	5.0	4.8	4.9	5.9	5.7	5.8	5.0	4.8	5.0	2.3	1.6	2.0
10	5.1	4.9	5.0	5.7	5.6	5.7	5.6	4.8	5.0	2.7	2.0	2.5
11	5.0	4.5	4.8	5.7	5.6	5.7	5.6	4.8	5.0	2.6	2.3	2.4
12	4.9	4.5	4.6	5.7	5.6	5.7	5.0	4.3	4.8	2.8	2.5	2.7
13	5.2	4.7	4.9	5.7	5.4	5.6	4.9	4.1	4.5	2.7	2.6	2.6
14	5.3	4.8	5.0	5.6	5.4	5.6	4.9	4.5	4.7	3.0	2.7	2.8
15	5.3	4.8	4.9	5.6	5.0	5.4	4.5	3.7	4.1	3.2	2.8	2.9
16	5.4	5.1	5.3	5.6	5.3	5.5	4.2	3.3	3.8	3.2	2.9	3.1
17	5.3	4.9	5.1	5.6	5.3	5.5	4.2	3.6	3.9	3.3	2.8	3.1
18	5.4	5.0	5.2	5.6	5.3	5.5	3.8	3.1	3.5	3.3	2.9	3.1
19	5.2	5.1	5.2	5.8	5.3	5.5	3.6	2.8	3.3	3.4	2.8	3.1
20	5.2	5.0	5.1	5.4	5.3	5.3	3.3	2.2	2.6	3.3	2.7	2.9
21	5.2	4.9	5.1	5.4	5.2	5.4	3.0	2.0	2.4	3.2	2.8	2.9
22	5.0	4.0	4.8	5.4	5.1	5.3	2.8	2.3	2.6	3.3	2.9	3.0
23	5.1	4.9	5.0	5.4	5.1	5.3	2.7	2.2	2.4	3.3	2.6	3.2
24	5.3	4.9	5.1	5.6	5.2	5.4	2.9	2.2	2.6	3.4	3.0	3.1
25	5.4	5.1	5.2	5.5	5.2	5.4	2.9	1.4	1.6	3.8	3.0	3.2
26	5.3	5.1	5.2	5.4	5.1	5.3	1.9	1.3	1.6	3.8	2.8	3.2
27	5.3	5.2	5.2	5.3	5.2	5.2	1.7	1.0	1.3	3.1	2.7	2.9
28	5.4	5.2	5.3	5.3	5.2	5.3	2.0	1.1	1.5	3.3	2.9	3.1
29	5.5	5.2	5.3	5.4	5.1	5.2	3.3	1.2	1.9	3.4	3.0	3.3
30	5.4	5.1	5.2	5.4	5.2	5.3	3.5	1.8	2.1	3.3	3.2	3.2
31	5.3	4.7	5.0	---	---	---	2.6	1.7	1.9	3.3	2.7	3.2
MONTH	5.5	4.0	5.0	6.2	4.7	5.5	5.6	1.0	3.6	3.8	1.5	2.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3.3	2.9	3.1	4.3	3.8	4.2	4.4	4.2	4.3	3.8	3.4	3.6
2	3.5	3.2	3.3	4.6	3.9	4.3	4.4	4.1	4.2	3.8	3.2	3.4
3	3.7	3.3	3.5	---	---	---	4.4	4.2	4.3	3.3	2.9	3.1
4	3.9	3.6	3.7	---	---	---	4.5	4.3	4.4	3.3	2.7	3.0
5	4.1	3.8	4.0	---	---	---	4.6	4.4	4.5	3.0	2.6	2.8
6	4.5	3.8	4.2	---	---	---	4.5	4.4	4.5	3.1	2.4	2.8
7	4.4	4.1	4.2	---	---	---	4.6	4.3	4.5	2.7	2.4	2.6
8	4.5	4.0	4.4	---	---	---	4.5	4.3	4.4	2.7	1.7	2.3
9	4.3	4.1	4.2	---	---	---	4.4	4.2	4.4	2.5	2.4	2.5
10	4.2	4.1	4.2	---	---	---	4.5	4.3	4.4	2.5	2.1	2.3
11	4.2	4.0	4.2	---	---	---	4.6	4.5	4.5	2.4	2.3	2.4
12	4.5	3.6	4.3	4.2	3.9	4.0	4.6	4.5	4.6	2.4	2.3	2.4
13	4.2	4.0	4.1	4.2	3.5	4.0	4.7	4.4	4.6	2.5	2.4	2.4
14	4.3	4.1	4.2	4.2	3.2	3.9	4.5	4.1	4.3	2.4	2.1	2.3
15	4.7	3.4	4.3	4.3	3.6	4.2	4.5	3.6	4.3	2.3	2.1	2.3
16	4.4	3.2	3.9	4.3	3.0	3.7	4.4	3.5	3.9	2.4	1.9	2.2
17	4.4	3.5	4.1	4.3	3.2	4.0	4.1	3.8	3.9	2.3	1.8	2.1
18	4.4	2.8	3.8	4.2	3.2	4.0	4.0	3.7	3.8	2.2	1.9	2.1
19	4.1	3.6	3.9	4.3	3.5	4.1	3.8	3.6	3.7	2.1	1.7	1.9
20	4.2	3.5	4.1	4.4	3.9	4.1	3.9	3.5	3.6	2.1	1.7	1.8
21	4.1	3.3	3.6	4.3	3.2	4.0	3.8	3.3	3.7	2.1	1.7	1.8
22	3.8	3.3	3.7	4.2	3.5	4.1	3.7	3.4	3.6	1.9	1.4	1.7
23	3.8	3.5	3.7	4.3	3.6	4.0	3.6	3.4	3.5	1.8	1.2	1.4
24	4.0	3.7	3.8	4.1	2.9	3.9	3.7	3.3	3.5	1.6	1.3	1.4
25	4.2	3.8	4.0	4.1	2.4	3.5	3.9	3.4	3.7	1.5	1.3	1.4
26	4.5	4.0	4.2	4.1	2.7	3.4	3.9	3.2	3.7	1.6	1.4	1.4
27	4.6	4.2	4.4	4.4	2.3	3.7	3.5	3.3	3.4	1.6	1.4	1.5
28	4.4	4.0	4.3	4.1	2.3	3.3	3.5	3.2	3.3	1.6	1.3	1.5
29	4.4	4.0	4.2	4.3	2.4	3.5	3.6	3.2	3.4	1.9	1.4	1.6
30	---	---	---	4.3	2.5	3.5	3.6	3.2	3.4	2.3	1.7	1.9
31	---	---	---	4.5	2.8	3.9	---	---	---	2.3	1.5	1.9
MONTH	4.7	2.8	4.0	---	---	---	4.7	3.2	4.0	3.8	1.2	2.2

## 0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, TOP—CONTINUED  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	1.9	1.6	1.7	4.8	3.7	4.0	7.2	6.7	7.0	6.8	6.5	6.7
2	1.8	1.5	1.7	4.6	3.9	4.1	7.5	7.1	7.3	6.7	6.5	6.6
3	1.9	1.6	1.8	4.4	4.0	4.3	7.4	6.5	7.1	6.8	6.6	6.7
4	2.7	1.8	2.0	4.6	3.9	4.3	6.5	5.7	6.2	6.7	6.6	6.7
5	2.1	1.8	1.9	4.4	4.1	4.2	6.5	5.2	6.0	7.0	6.7	6.8
6	2.3	1.8	2.1	4.6	3.6	4.2	6.5	4.2	5.2	8.0	6.8	7.3
7	2.4	1.9	2.1	4.6	3.8	4.1	5.6	3.9	4.3	8.8	7.2	7.5
8	2.8	2.1	2.4	4.8	4.2	4.5	5.9	4.3	5.1	9.9	7.7	8.9
9	3.1	2.2	2.4	4.7	4.1	4.4	5.6	4.1	4.8	9.7	8.6	9.4
10	2.8	2.3	2.5	4.7	4.0	4.5	5.9	4.4	5.4	9.3	8.5	8.7
11	2.7	2.4	2.5	5.7	3.7	4.6	6.1	4.8	5.3	8.7	8.1	8.4
12	2.9	2.4	2.6	6.7	4.6	5.3	6.1	4.6	5.3	8.5	8.1	8.4
13	3.2	2.7	2.9	5.7	4.6	5.0	6.5	4.6	5.4	8.5	8.4	8.4
14	3.0	2.8	2.9	5.1	4.0	4.7	6.2	3.8	5.1	8.6	8.3	8.5
15	3.0	2.5	2.9	5.0	4.5	4.7	5.0	3.2	4.0	8.6	8.5	8.6
16	3.2	2.8	3.0	5.0	4.2	4.7	4.8	2.2	3.2	8.6	8.5	8.5
17	3.2	2.4	2.9	5.0	4.2	4.7	5.7	2.5	3.9	9.3	8.5	8.8
18	2.7	2.4	2.5	5.2	4.7	4.9	5.9	3.8	5.5	9.3	8.8	9.0
19	3.0	2.5	2.6	5.2	4.4	4.8	5.5	2.9	4.3	9.3	8.2	9.0
20	3.3	2.6	3.0	6.4	4.3	4.8	4.1	3.2	3.4	8.9	8.7	8.7
21	3.6	3.0	3.2	7.1	4.7	5.1	3.7	2.4	3.3	8.8	8.4	8.7
22	3.9	3.1	3.3	8.8	4.8	6.7	2.7	1.8	2.3	8.7	8.4	8.6
23	3.4	3.1	3.3	7.4	5.8	6.1	2.9	2.2	2.4	8.6	8.0	8.3
24	3.4	3.2	3.3	6.2	5.2	5.8	3.1	2.0	2.5	8.6	8.3	8.5
25	3.5	3.3	3.4	6.1	4.9	5.5	3.9	2.4	3.0	8.8	8.5	8.7
26	3.5	3.1	3.2	8.2	5.4	6.6	5.0	3.5	4.3	9.2	8.8	8.9
27	3.9	3.2	3.4	7.6	5.6	6.5	5.6	3.8	4.8	9.3	9.0	9.2
28	4.4	3.1	3.5	6.4	5.6	6.1	5.9	4.6	5.2	10.7	9.3	9.9
29	4.3	3.3	3.6	6.2	5.7	6.0	8.3	5.2	6.6	10.2	9.6	9.9
30	4.4	3.5	3.8	6.5	5.7	6.1	8.6	7.1	7.7	10.0	9.9	10
31	---	---	---	7.2	6.2	6.6	7.6	6.4	7.1	---	---	---
MONTH	4.4	1.5	2.7	8.8	3.6	5.1	8.6	1.8	4.9	10.7	6.5	8.4

## PAMLICO RIVER BASIN

0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, BOTTOM  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.8	5.5	5.7	6.1	5.6	5.9	5.3	5.2	5.3	8.8	7.8	8.4
2	5.7	4.8	5.3	6.5	5.9	6.2	5.3	5.2	5.3	9.0	8.2	8.8
3	5.2	4.9	5.0	7.0	6.2	6.6	5.3	4.9	5.1	9.0	7.9	8.7
4	5.3	5.0	5.1	7.1	6.9	7.0	5.3	4.9	5.1	8.7	7.2	8.1
5	5.0	4.9	5.0	7.4	6.8	7.1	5.3	5.0	5.1	8.5	2.8	6.4
6	5.2	4.9	5.1	7.2	6.5	7.0	5.1	4.9	5.0	5.1	2.0	2.6
7	5.5	5.1	5.4	7.0	5.6	6.4	5.0	4.9	5.0	2.4	1.9	2.1
8	6.0	5.4	5.7	6.7	5.6	6.2	5.4	4.9	5.1	2.9	2.1	2.3
9	6.4	5.0	5.9	5.9	5.7	5.8	5.4	5.2	5.3	6.8	2.8	5.2
10	6.1	5.0	5.2	5.8	5.6	5.7	6.0	5.1	5.7	5.4	2.2	2.8
11	5.2	4.7	4.9	5.7	5.6	5.7	5.6	4.8	5.1	4.4	2.3	2.8
12	5.2	4.7	5.0	5.7	5.6	5.7	5.4	4.9	5.1	4.8	2.6	3.0
13	5.6	4.9	5.2	5.7	5.4	5.6	5.5	4.3	4.9	4.3	2.7	3.1
14	7.5	5.6	6.6	5.7	5.4	5.6	4.9	4.5	4.8	5.3	3.0	4.7
15	7.0	4.8	5.1	5.6	5.5	5.6	4.8	4.0	4.4	5.2	2.9	4.1
16	5.8	5.2	5.5	5.7	5.5	5.6	5.0	4.7	4.8	4.1	3.0	3.3
17	5.7	5.1	5.5	5.7	5.5	5.6	4.9	3.7	4.4	3.6	3.1	3.3
18	5.6	5.1	5.4	5.7	5.5	5.6	4.3	3.6	4.1	3.9	2.9	3.4
19	5.4	5.2	5.2	5.8	5.3	5.6	4.2	3.1	3.8	4.1	3.0	3.5
20	5.4	5.1	5.3	5.7	5.3	5.4	3.6	2.4	3.3	3.8	2.8	3.3
21	5.2	5.0	5.1	5.7	5.4	5.6	3.7	2.4	3.4	3.9	3.2	3.5
22	5.3	4.9	5.0	5.6	5.3	5.5	3.6	2.7	3.3	3.9	3.2	3.6
23	5.4	5.0	5.2	5.6	5.5	5.5	3.7	3.2	3.6	4.2	3.2	3.4
24	5.5	5.0	5.2	5.6	5.5	5.6	3.7	3.3	3.6	3.4	3.0	3.2
25	5.7	5.3	5.5	5.6	5.2	5.5	3.6	2.5	3.3	4.0	3.0	3.3
26	6.0	5.7	5.9	5.5	5.3	5.4	3.5	2.0	2.5	4.1	3.4	3.7
27	6.3	5.3	5.9	5.5	5.4	5.4	3.0	1.7	2.1	3.9	2.8	3.5
28	6.4	5.7	6.1	5.5	5.2	5.3	8.5	2.5	6.9	3.3	2.9	3.1
29	6.3	5.3	5.6	5.4	5.1	5.2	9.0	7.8	8.6	3.7	3.0	3.4
30	5.5	5.3	5.4	5.4	5.2	5.3	9.0	5.9	8.3	3.7	3.2	3.3
31	5.7	5.3	5.6	---	---	---	8.6	7.0	8.1	3.4	3.2	3.3
MONTH	7.5	4.7	5.4	7.4	5.1	5.8	9.0	1.7	4.9	9.0	1.9	4.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	4.8	3.3	4.0	5.4	4.1	5.0	5.1	4.2	4.4	3.9	3.6	3.7
2	5.8	4.7	5.2	4.9	3.5	4.4	4.4	4.1	4.2	4.0	3.2	3.5
3	5.9	4.8	5.6	5.4	4.1	4.9	4.4	4.2	4.3	3.5	3.0	3.2
4	5.6	3.9	5.2	5.4	4.5	5.2	4.6	4.3	4.4	3.6	2.9	3.3
5	6.4	5.3	5.7	4.9	3.0	4.3	4.7	4.4	4.5	3.6	2.8	3.2
6	6.4	4.2	5.6	4.0	2.6	3.4	4.8	4.4	4.6	3.3	2.9	3.1
7	5.7	4.1	4.4	4.5	3.0	4.1	4.7	4.5	4.5	3.5	2.8	3.3
8	4.6	4.2	4.4	4.3	3.0	3.7	4.5	4.3	4.4	3.5	2.7	3.2
9	4.9	4.3	4.7	4.5	3.4	4.2	4.6	4.3	4.5	3.7	3.1	3.4
10	5.0	4.2	4.8	4.4	3.9	4.2	4.9	4.4	4.6	3.5	2.3	2.7
11	4.9	4.4	4.6	4.2	4.0	4.1	5.6	4.5	4.8	2.7	2.3	2.5
12	5.7	4.4	5.0	4.2	3.9	4.1	5.4	4.5	4.7	2.7	2.3	2.5
13	5.5	4.2	4.7	4.1	3.9	4.1	4.7	4.4	4.6	2.6	2.4	2.5
14	5.6	4.4	4.9	4.8	4.0	4.5	4.7	4.2	4.4	2.8	2.2	2.4
15	5.9	4.0	5.0	4.9	3.1	4.2	4.7	4.3	4.4	2.5	2.3	2.3
16	4.7	2.8	4.2	5.1	3.0	3.9	4.5	4.2	4.4	2.6	2.2	2.4
17	4.5	3.8	4.3	4.9	3.3	4.2	4.7	3.8	4.3	2.8	2.4	2.6
18	4.5	3.4	4.1	4.9	3.1	4.3	4.4	3.8	4.0	3.1	2.1	2.7
19	4.3	3.3	4.1	4.4	3.0	4.0	4.1	3.7	3.9	2.2	1.7	2.0
20	4.3	3.8	4.2	4.6	3.2	4.2	4.1	3.4	3.9	2.5	1.9	2.3
21	4.4	3.1	3.9	4.5	3.0	3.8	4.5	3.4	4.0	2.6	2.1	2.4
22	4.9	3.1	4.1	4.1	2.7	3.3	4.1	3.5	3.8	2.4	1.7	2.1
23	6.3	3.9	5.2	4.3	2.7	3.5	4.0	3.4	3.7	2.1	1.5	1.7
24	6.4	4.4	5.7	5.2	2.7	4.0	3.9	3.5	3.6	1.9	1.4	1.6
25	5.3	3.2	4.2	5.4	3.3	4.4	4.1	3.8	3.9	1.7	1.3	1.5
26	5.8	3.4	4.3	5.4	3.3	4.5	3.9	3.3	3.8	1.7	1.5	1.7
27	4.6	3.4	4.4	5.4	3.0	4.2	4.0	3.3	3.6	1.8	1.4	1.6
28	4.5	3.5	4.4	4.6	2.6	3.6	3.9	3.3	3.5	1.8	1.3	1.5
29	4.7	3.1	4.4	4.3	2.9	3.7	3.9	3.5	3.7	2.4	1.4	1.8
30	---	---	---	4.2	2.5	3.3	3.8	3.5	3.6	4.3	1.9	2.1
31	---	---	---	5.3	3.1	4.5	---	---	---	4.4	1.6	2.1
MONTH	6.4	2.8	4.7	5.4	2.5	4.1	5.6	3.3	4.2	4.4	1.3	2.5

## 0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED, BOTTOM  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	2.3	1.6	2.0	8.0	7.2	7.6	9.5	7.6	8.8	8.3	7.4	7.9
2	2.2	1.8	2.0	7.7	6.5	7.4	8.4	7.4	7.9	8.0	6.6	7.2
3	2.7	1.8	2.1	7.6	6.6	7.3	8.2	6.9	7.4	6.8	6.6	6.7
4	4.4	2.0	3.2	7.8	7.2	7.6	7.0	6.5	6.8	9.2	6.6	6.9
5	3.4	1.9	2.8	7.8	6.0	7.3	6.9	6.5	6.7	11.3	8.9	10.4
6	3.5	2.3	2.8	6.9	4.4	5.3	6.7	4.8	5.9	11.5	10.8	11.3
7	5.2	3.5	4.3	7.6	5.0	6.5	6.4	5.8	6.2	11.8	11.2	11.4
8	5.7	4.9	5.3	8.2	5.9	7.3	8.0	6.1	6.7	12.0	9.4	11.3
9	5.9	5.0	5.4	7.9	4.9	6.3	9.1	7.6	8.4	10.5	9.3	9.7
10	5.1	3.1	4.5	8.8	5.2	7.5	9.5	8.5	9.1	10.1	8.6	9.5
11	4.2	2.6	2.9	9.8	8.2	9.2	9.6	8.6	9.2	10.1	8.4	9.4
12	3.2	2.4	2.7	10.1	8.6	9.6	9.7	8.3	9.1	9.3	8.3	8.6
13	6.0	2.9	4.4	9.7	6.5	8.1	9.7	7.6	8.9	8.5	8.3	8.4
14	5.9	5.3	5.7	7.7	5.0	5.5	8.2	4.5	6.6	11.5	8.3	9.8
15	5.9	4.7	5.4	6.5	4.7	5.2	6.4	4.5	6.0	11.8	10.7	11.5
16	5.7	3.3	5.0	5.6	4.9	5.2	6.1	5.6	6.0	11.5	9.5	11.0
17	3.7	2.9	3.1	11.0	5.3	7.9	6.7	5.5	6.3	11.5	9.0	10.3
18	3.7	3.0	3.4	11.7	8.8	10.4	7.8	6.7	7.1	9.5	8.8	9.1
19	3.5	2.7	3.2	11.3	9.0	10.2	7.9	6.0	7.1	9.3	8.3	9.0
20	5.2	3.2	4.1	11.0	9.3	10.2	7.5	5.9	6.6	8.9	8.7	8.7
21	6.2	4.6	5.5	10.7	9.8	10.3	7.1	4.3	6.0	8.8	8.7	8.7
22	6.2	4.9	5.9	11.0	10.3	10.7	6.8	3.6	5.1	8.7	8.5	8.7
23	5.9	3.4	4.7	11.0	10.2	10.7	7.0	5.6	6.4	8.7	8.5	8.6
24	4.9	3.4	4.1	10.7	9.3	10.3	7.7	6.2	6.9	10.4	8.4	8.9
25	5.6	3.9	4.6	10.8	9.5	10.4	9.4	7.6	8.7	12.2	10.3	11.2
26	5.8	3.2	4.1	10.8	10.2	10.6	10	8.6	9.6	12.7	11.8	12.3
27	7.2	3.8	4.9	10.7	9.9	10.5	10.4	9.5	10.0	13.2	12.4	12.9
28	8.5	5.5	7.4	10.6	9.1	10.2	10.4	9.6	10.1	13.3	10	11.8
29	7.5	4.9	6.7	10.4	8.8	9.9	10.4	9.8	10.2	10.9	10.0	10.5
30	7.9	7.0	7.6	10.2	9.0	9.6	10.2	8.0	9.1	10.6	10.0	10.2
31	---	---	---	9.8	8.1	9.3	9.1	7.3	8.3	---	---	---
MONTH	8.5	1.6	4.3	11.7	4.4	8.5	10.4	3.6	7.7	13.3	6.6	9.7

## 0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, TOP  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.0	6.8	6.8	7.3	7.2	7.2	7.5	7.4	7.5	6.6	6.4	6.5
2	7.0	6.8	6.8	7.2	7.1	7.2	7.5	7.3	7.5	6.6	6.4	6.5
3	7.0	6.9	6.9	7.2	7.1	7.2	7.4	7.3	7.4	6.5	6.4	6.5
4	7.0	6.9	6.9	7.2	7.1	7.1	7.5	7.3	7.4	6.7	6.4	6.6
5	7.1	6.9	7.0	7.2	7.0	7.1	7.5	7.5	7.5	6.7	6.4	6.6
6	7.2	6.9	7.0	7.2	7.1	7.1	7.5	7.5	7.5	6.7	6.3	6.5
7	7.2	6.9	7.0	7.3	7.2	7.2	7.5	7.5	7.5	7.0	6.4	6.5
8	7.0	7.0	7.0	7.3	7.2	7.3	7.5	7.5	7.5	7.0	6.6	6.8
9	7.0	6.9	7.0	7.4	7.3	7.4	7.5	7.4	7.5	6.9	6.5	6.7
10	7.1	7.0	7.1	7.4	7.4	7.4	7.5	7.3	7.5	7.1	6.7	7.0
11	7.1	6.9	7.0	7.5	7.4	7.4	7.5	7.4	7.4	7.0	6.8	6.9
12	7.1	6.9	7.0	7.4	7.4	7.4	7.4	7.2	7.4	7.1	6.9	7.1
13	7.2	7.0	7.1	7.5	7.4	7.4	7.4	7.1	7.2	7.1	7.0	7.1
14	7.1	7.0	7.1	7.6	7.5	7.5	7.4	7.3	7.3	7.1	7.0	7.1
15	7.2	7.1	7.2	7.6	7.4	7.5	7.3	7.1	7.2	7.2	7.1	7.2
16	7.3	7.2	7.2	7.6	7.5	7.5	7.2	7.0	7.1	7.3	7.2	7.2
17	7.3	7.2	7.2	7.6	7.5	7.5	7.3	7.1	7.1	7.3	7.2	7.2
18	7.3	7.2	7.2	7.6	7.4	7.6	7.2	7.0	7.1	7.3	7.2	7.2
19	7.4	7.2	7.3	7.5	7.4	7.5	7.1	6.9	7.0	7.3	7.0	7.2
20	7.3	7.2	7.3	7.5	7.4	7.4	7.0	6.6	6.8	7.2	7.0	7.1
21	7.3	7.2	7.3	7.5	7.4	7.4	6.9	6.6	6.7	7.2	7.2	7.2
22	7.4	7.2	7.3	7.5	7.3	7.4	6.9	6.7	6.8	7.2	7.1	7.2
23	7.4	7.3	7.4	7.7	7.3	7.5	6.8	6.6	6.8	7.2	7.2	7.2
24	7.5	7.3	7.4	8.0	7.3	7.5	6.9	6.7	6.8	7.3	7.2	7.2
25	7.5	7.4	7.4	7.5	7.3	7.4	6.9	6.0	6.2	7.4	7.2	7.3
26	7.4	7.3	7.4	7.4	7.3	7.4	6.5	6.1	6.3	7.4	7.2	7.3
27	7.4	7.3	7.3	7.4	7.3	7.3	6.3	5.9	6.1	7.3	7.1	7.2
28	7.4	7.3	7.4	7.4	7.3	7.3	6.5	5.9	6.2	7.3	7.1	7.2
29	7.4	7.3	7.3	7.5	7.3	7.4	6.8	5.9	6.3	7.3	7.2	7.3
30	7.4	7.3	7.3	7.5	7.5	7.5	6.7	6.3	6.5	7.3	7.2	7.3
31	7.4	7.2	7.2	---	---	---	6.6	6.3	6.4	7.3	7.1	7.2
MONTH	7.5	6.8	7.2	8.0	7.0	7.4	7.5	5.9	7.0	7.4	6.3	7.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.3	7.2	7.2	7.4	7.3	7.4	7.3	7.3	7.3	7.1	7.0	7.1
2	7.3	7.2	7.2	7.4	7.3	7.4	7.3	7.2	7.3	7.2	7.1	7.1
3	7.3	7.2	7.2	7.3	7.1	7.2	7.3	7.3	7.3	7.2	7.1	7.2
4	7.3	7.2	7.2	7.3	7.2	7.2	7.3	7.2	7.3	7.2	7.0	7.2
5	7.2	7.2	7.2	7.3	7.1	7.2	7.4	7.3	7.3	7.1	6.9	7.0
6	7.2	7.1	7.2	7.3	7.1	7.3	7.4	7.3	7.4	7.0	6.9	6.9
7	7.2	7.1	7.2	7.3	7.3	7.3	7.5	7.3	7.4	7.0	6.8	6.9
8	7.2	7.2	7.2	7.4	7.3	7.4	7.4	7.2	7.3	7.0	6.5	6.7
9	7.2	7.2	7.2	7.4	7.4	7.4	7.4	7.2	7.3	7.0	6.8	6.8
10	7.2	7.2	7.2	7.5	7.4	7.4	7.3	7.2	7.3	6.8	6.7	6.8
11	7.3	7.2	7.2	7.5	7.4	7.5	7.3	7.2	7.2	6.9	6.8	6.9
12	7.3	7.3	7.3	7.5	7.4	7.5	7.3	7.2	7.2	6.9	6.8	6.9
13	7.3	7.3	7.3	7.5	7.4	7.5	7.3	7.2	7.2	6.9	6.9	6.9
14	7.3	7.3	7.3	7.5	7.4	7.4	7.3	7.2	7.2	6.9	6.8	6.8
15	7.3	7.3	7.3	7.5	7.4	7.4	7.3	7.1	7.3	6.8	6.8	6.8
16	7.4	7.2	7.3	7.4	7.4	7.4	7.3	7.1	7.2	6.9	6.7	6.8
17	7.4	7.3	7.3	7.4	7.3	7.4	7.2	7.1	7.1	6.8	6.7	6.8
18	7.4	7.3	7.4	7.4	7.3	7.3	7.1	7.0	7.1	6.8	6.7	6.8
19	7.4	7.4	7.4	7.4	7.3	7.4	7.1	7.1	7.1	6.8	6.6	6.7
20	7.4	7.3	7.4	7.4	7.3	7.4	7.2	7.1	7.2	6.7	6.6	6.7
21	7.4	7.3	7.3	7.4	7.4	7.4	7.2	7.1	7.2	6.8	6.6	6.6
22	7.4	7.3	7.3	7.5	7.4	7.4	7.2	7.1	7.2	6.7	6.4	6.6
23	7.3	7.2	7.3	7.5	7.4	7.4	7.2	7.1	7.1	6.6	6.4	6.5
24	7.3	7.3	7.3	7.5	7.4	7.5	7.2	7.1	7.1	6.6	6.5	6.6
25	7.3	7.2	7.2	7.5	7.4	7.4	7.2	7.1	7.1	6.7	6.5	6.6
26	7.4	7.3	7.4	7.5	7.4	7.4	7.2	7.0	7.1	6.7	6.5	6.5
27	7.5	7.4	7.5	7.6	7.4	7.4	7.2	7.1	7.1	6.5	6.5	6.5
28	7.5	7.4	7.5	7.4	7.4	7.4	7.2	7.1	7.1	6.6	6.4	6.5
29	7.5	7.4	7.4	7.5	7.4	7.5	7.3	7.1	7.1	6.6	6.5	6.6
30	---	---	---	7.5	7.4	7.5	7.1	7.1	7.1	6.7	6.6	6.6
31	---	---	---	7.5	7.3	7.4	---	---	---	6.7	6.6	6.7
MONTH	7.5	7.1	7.3	7.6	7.1	7.4	7.5	7.0	7.2	7.2	6.4	6.8

## 0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, TOP—CONTINUED  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.7	6.6	6.6	7.2	6.9	7.0	7.5	7.1	7.2	7.3	7.2	7.3
2	6.9	6.6	6.7	7.1	7.0	7.0	7.3	7.0	7.2	7.2	7.0	7.1
3	6.8	6.7	6.8	7.3	7.0	7.1	7.1	7.0	7.1	7.2	7.0	7.1
4	6.9	6.8	6.8	7.3	7.0	7.1	7.4	7.0	7.1	7.2	7.2	7.2
5	6.9	6.8	6.9	7.4	7.0	7.2	7.7	7.0	7.2	7.3	7.2	7.2
6	7.0	6.9	6.9	7.4	7.2	7.3	7.4	6.9	7.1	7.3	7.1	7.2
7	6.9	6.8	6.9	7.5	7.1	7.2	7.2	6.8	6.9	7.2	7.1	7.2
8	6.9	6.8	6.9	7.8	7.2	7.2	7.4	6.8	7.0	7.2	7.0	7.1
9	6.9	6.6	6.8	8.4	7.1	7.4	7.1	6.9	7.0	7.4	7.2	7.3
10	6.9	6.7	6.8	8.1	7.1	7.6	7.1	6.8	6.9	7.5	7.3	7.4
11	6.9	6.8	6.8	7.7	6.8	7.2	7.1	6.8	6.9	7.4	7.2	7.3
12	6.9	6.8	6.8	7.2	6.8	7.0	7.5	6.9	7.1	7.4	7.2	7.3
13	7.0	6.9	6.9	7.3	7.0	7.1	7.3	6.9	7.1	7.4	7.3	7.3
14	7.0	6.9	7.0	7.6	7.1	7.3	7.1	6.6	6.9	7.4	7.3	7.4
15	7.0	6.9	7.0	7.5	7.2	7.3	6.8	6.4	6.6	7.4	7.3	7.4
16	7.0	7.0	7.0	7.6	7.2	7.3	6.6	6.2	6.4	7.6	7.3	7.4
17	7.0	6.9	7.0	7.5	7.0	7.2	6.6	6.2	6.4	7.5	7.3	7.4
18	7.0	6.9	7.0	7.9	7.1	7.3	6.8	6.5	6.7	7.5	7.4	7.4
19	7.1	6.8	7.0	7.3	7.1	7.2	6.8	6.4	6.7	7.6	7.4	7.6
20	7.1	6.9	7.0	7.2	7.0	7.1	6.7	6.6	6.7	7.7	7.5	7.6
21	7.0	7.0	7.0	7.3	6.8	7.1	6.9	6.5	6.8	7.9	7.6	7.7
22	7.0	6.9	7.0	7.2	6.6	6.9	6.5	6.2	6.4	8.0	7.6	7.7
23	7.2	7.0	7.1	7.3	6.9	7.2	6.4	6.2	6.3	8.0	7.6	7.8
24	7.2	7.1	7.1	7.8	7.1	7.3	6.3	6.0	6.2	7.9	7.7	7.8
25	7.2	7.0	7.1	8.0	7.0	7.4	6.6	6.1	6.4	7.9	7.8	7.8
26	7.1	7.0	7.1	7.4	6.6	7.0	6.7	6.5	6.6	8.0	7.8	7.9
27	7.2	7.0	7.1	7.7	6.6	7.2	6.8	6.7	6.8	8.0	7.9	8.0
28	7.1	6.8	7.0	7.4	7.1	7.2	6.9	6.8	6.8	8.0	7.6	7.8
29	7.1	7.0	7.0	7.4	7.1	7.2	7.0	6.8	6.9	8.2	7.8	7.9
30	7.0	6.9	7.0	7.5	7.2	7.3	7.2	7.0	7.1	8.2	7.5	7.9
31	---	---	---	7.5	7.1	7.3	7.4	7.2	7.2	---	---	---
MONTH	7.2	6.6	6.9	8.4	6.6	7.2	7.7	6.0	6.8	8.2	7.0	7.5

## 0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, BOTTOM  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.0	6.9	6.9	7.3	7.2	7.2	7.4	7.3	7.4	7.0	7.0	7.0
2	6.9	6.7	6.8	7.2	7.2	7.2	7.5	7.4	7.4	7.0	7.0	7.0
3	7.0	6.9	6.9	7.2	7.1	7.2	7.4	7.3	7.4	7.0	7.0	7.0
4	6.9	6.8	6.9	7.2	7.1	7.1	7.5	7.3	7.4	7.0	6.8	6.9
5	6.9	6.8	6.9	7.1	7.0	7.1	7.4	7.4	7.4	6.9	6.6	6.8
6	6.9	6.8	6.9	7.1	7.0	7.0	7.4	7.4	7.4	6.9	6.5	6.6
7	6.9	6.8	6.8	7.2	6.9	7.0	7.4	7.4	7.4	6.8	6.5	6.6
8	7.0	6.9	7.0	7.4	7.0	7.2	7.5	7.4	7.4	6.9	6.7	6.8
9	7.0	6.9	7.0	7.5	7.4	7.4	7.5	7.3	7.4	7.1	6.8	7.0
10	7.2	7.0	7.1	7.5	7.4	7.4	7.5	7.4	7.4	6.9	6.6	6.8
11	7.2	7.1	7.2	7.5	7.4	7.4	7.5	7.4	7.4	7.0	6.5	6.7
12	7.3	7.1	7.2	7.5	7.3	7.4	7.5	7.4	7.5	7.0	6.8	6.9
13	7.2	7.0	7.1	7.6	7.4	7.5	7.5	7.2	7.3	7.1	6.8	6.9
14	7.2	7.0	7.1	7.6	7.6	7.6	7.4	7.3	7.4	7.1	6.9	7.0
15	7.4	7.0	7.2	7.6	7.5	7.6	7.5	7.2	7.3	7.1	7.0	7.0
16	7.4	7.3	7.3	7.6	7.4	7.5	7.4	7.3	7.4	7.1	7.0	7.0
17	7.4	7.2	7.3	7.6	7.4	7.5	7.3	7.2	7.2	7.1	7.0	7.0
18	7.4	7.2	7.3	7.5	7.2	7.3	7.4	7.2	7.3	7.1	6.9	7.0
19	7.4	7.3	7.4	7.5	7.2	7.4	7.3	7.0	7.2	7.1	6.9	7.0
20	7.4	7.3	7.4	7.5	7.4	7.4	7.2	6.8	7.1	7.1	6.9	7.0
21	7.4	7.3	7.4	7.5	7.3	7.4	7.2	6.8	7.1	7.1	7.0	7.0
22	7.4	7.3	7.3	7.4	7.2	7.3	7.2	6.9	7.1	7.0	6.9	7.0
23	7.5	7.4	7.4	7.4	7.2	7.3	7.2	7.0	7.2	7.0	6.9	7.0
24	7.5	7.3	7.4	7.4	7.2	7.3	7.2	7.0	7.1	7.0	7.0	7.0
25	7.5	7.4	7.5	7.4	7.2	7.4	7.1	6.8	7.0	7.2	7.0	7.1
26	7.4	7.3	7.3	7.4	7.3	7.4	7.0	6.6	6.8	7.2	7.1	7.1
27	7.4	7.2	7.3	7.4	7.3	7.3	6.9	6.4	6.6	7.1	7.0	7.1
28	7.3	7.2	7.2	7.4	7.3	7.3	7.2	6.8	7.1	7.1	7.0	7.1
29	7.4	7.2	7.3	7.5	7.3	7.4	7.2	7.1	7.2	7.2	7.1	7.1
30	7.4	7.3	7.3	7.5	7.4	7.4	7.2	7.0	7.1	7.1	7.1	7.1
31	7.3	7.2	7.3	---	---	---	7.1	7.0	7.0	7.1	7.1	7.1
MONTH	7.5	6.7	7.2	7.6	6.9	7.3	7.5	6.4	7.2	7.2	6.5	7.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.2	7.1	7.1	7.3	7.1	7.2	7.4	7.2	7.4	7.1	7.0	7.1
2	7.3	7.2	7.2	7.3	7.1	7.3	7.4	7.3	7.4	7.1	7.0	7.1
3	7.3	7.2	7.2	7.3	7.1	7.2	7.4	7.4	7.4	7.2	7.1	7.1
4	7.2	7.1	7.1	7.2	7.1	7.2	7.5	7.4	7.4	7.2	7.1	7.1
5	7.3	7.1	7.2	7.2	7.0	7.0	7.5	7.5	7.5	7.1	7.0	7.0
6	7.3	7.0	7.2	7.2	7.1	7.2	7.5	7.4	7.5	7.1	7.0	7.0
7	7.2	7.1	7.2	7.2	7.1	7.2	7.5	7.3	7.5	7.0	6.8	6.9
8	7.3	7.2	7.2	7.3	7.2	7.2	7.5	7.2	7.4	6.9	6.7	6.8
9	7.2	7.0	7.1	7.3	7.2	7.3	7.4	7.3	7.4	6.9	6.6	6.7
10	7.1	7.0	7.0	7.4	7.3	7.3	7.4	7.2	7.3	6.9	6.6	6.7
11	7.2	7.0	7.1	7.4	7.2	7.3	7.3	7.0	7.2	6.9	6.8	6.8
12	7.2	7.0	7.1	7.3	7.2	7.3	7.3	7.0	7.3	6.9	6.8	6.8
13	7.2	7.0	7.1	7.3	7.2	7.3	7.3	7.2	7.3	6.9	6.7	6.8
14	7.1	6.9	7.0	7.3	7.1	7.2	7.3	7.3	7.3	6.9	6.6	6.8
15	7.2	6.9	7.1	7.2	7.1	7.1	7.5	7.3	7.4	6.8	6.7	6.8
16	7.3	7.0	7.2	7.2	7.0	7.1	7.4	7.2	7.3	6.9	6.7	6.8
17	7.3	7.2	7.2	7.2	7.0	7.2	7.2	7.0	7.1	6.9	6.6	6.7
18	7.3	7.2	7.3	7.2	6.9	7.1	7.2	7.1	7.2	6.8	6.6	6.7
19	7.3	7.2	7.3	7.3	7.1	7.2	7.2	7.0	7.1	6.8	6.5	6.7
20	7.3	7.2	7.2	7.3	7.2	7.2	7.2	7.1	7.1	6.9	6.7	6.8
21	7.2	7.2	7.2	7.3	7.2	7.3	7.2	7.0	7.1	6.7	6.5	6.6
22	7.3	7.2	7.2	7.4	7.3	7.3	7.2	7.0	7.1	6.7	6.5	6.6
23	7.3	7.2	7.2	7.4	7.2	7.3	7.2	7.0	7.1	6.6	6.4	6.5
24	7.2	7.2	7.2	7.3	7.1	7.1	7.2	7.0	7.1	6.7	6.5	6.6
25	7.2	7.0	7.1	7.3	7.0	7.1	7.1	7.1	7.1	6.7	6.4	6.6
26	7.3	7.1	7.2	7.2	7.0	7.1	7.2	7.0	7.1	6.7	6.5	6.6
27	7.4	7.3	7.3	7.2	6.9	7.0	7.2	7.0	7.1	6.6	6.5	6.5
28	7.4	7.3	7.3	7.3	6.9	7.2	7.2	7.0	7.1	6.6	6.5	6.6
29	7.3	7.2	7.3	7.4	7.3	7.4	7.1	7.0	7.0	6.7	6.5	6.6
30	---	---	---	7.4	7.2	7.3	7.1	7.0	7.1	6.8	6.6	6.7
31	---	---	---	7.5	7.2	7.3	---	---	---	6.8	6.5	6.7
MONTH	7.4	6.9	7.2	7.5	6.9	7.2	7.5	7.0	7.2	7.2	6.4	6.8



## 0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, BOTTOM—CONTINUED  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.8	6.7	6.8	6.8	6.6	6.7	7.0	6.7	6.8	7.2	7.0	7.0
2	6.8	6.7	6.7	6.7	6.6	6.7	7.2	6.7	6.9	7.4	6.9	7.1
3	6.9	6.7	6.8	6.7	6.6	6.6	7.3	6.8	7.1	7.3	7.2	7.3
4	6.8	6.7	6.7	6.6	6.6	6.6	7.3	7.0	7.2	7.4	7.0	7.3
5	6.9	6.7	6.8	6.7	6.6	6.6	7.4	6.9	7.1	7.1	7.0	7.1
6	6.9	6.6	6.7	7.2	6.6	6.9	7.4	7.0	7.2	7.1	7.1	7.1
7	6.8	6.6	6.7	7.0	6.6	6.6	7.3	7.1	7.2	7.1	7.0	7.1
8	6.8	6.6	6.7	6.8	6.6	6.6	7.2	7.0	7.1	7.3	7.0	7.1
9	6.7	6.5	6.6	7.1	6.6	6.7	7.0	6.9	7.0	7.5	7.0	7.4
10	6.7	6.4	6.5	6.8	6.6	6.7	7.0	6.8	6.9	7.4	7.1	7.3
11	6.9	6.5	6.8	6.9	6.7	6.8	6.9	6.8	6.8	7.3	7.1	7.2
12	6.9	6.7	6.8	6.9	6.8	6.8	6.8	6.6	6.7	7.5	7.2	7.4
13	6.9	6.7	6.8	6.9	6.7	6.8	6.8	6.6	6.7	7.5	7.4	7.4
14	6.7	6.6	6.7	7.4	6.7	7.1	7.1	6.6	6.8	7.4	7.1	7.2
15	6.8	6.6	6.7	7.6	6.9	7.2	6.9	6.8	6.9	7.1	7.0	7.0
16	6.8	6.5	6.6	7.5	7.1	7.3	6.9	6.7	6.8	7.2	7.0	7.0
17	7.0	6.7	6.9	7.1	6.8	6.9	6.7	6.6	6.7	7.5	7.0	7.2
18	7.0	6.6	6.9	7.0	6.9	6.9	6.9	6.6	6.8	7.5	7.4	7.5
19	7.0	6.7	6.9	7.0	6.9	7.0	6.9	6.8	6.8	7.7	7.5	7.6
20	7.0	6.7	6.8	7.0	6.9	6.9	6.8	6.7	6.8	7.7	7.6	7.6
21	6.8	6.8	6.8	7.0	6.8	6.9	6.8	6.7	6.7	7.8	7.6	7.7
22	6.8	6.6	6.8	7.0	6.8	6.9	6.8	6.7	6.8	7.8	7.6	7.7
23	7.1	6.7	6.8	7.0	6.8	6.9	6.9	6.8	6.8	7.6	7.4	7.5
24	7.1	6.6	6.8	7.0	6.8	6.9	6.9	6.8	6.8	7.8	7.3	7.5
25	6.8	6.6	6.6	7.0	6.8	7.0	6.9	6.9	6.9	7.4	7.3	7.3
26	7.1	6.6	6.8	7.0	6.8	6.9	6.9	6.8	6.9	7.4	7.3	7.4
27	7.0	6.8	6.9	7.0	6.8	7.0	6.9	6.8	6.9	7.4	7.3	7.4
28	6.8	6.7	6.8	7.0	6.8	7.0	6.9	6.8	6.9	7.9	7.3	7.5
29	6.9	6.7	6.7	7.0	6.8	6.9	6.9	6.8	6.9	7.8	7.7	7.8
30	6.8	6.7	6.8	7.0	6.8	6.9	7.1	6.8	7.0	7.9	7.3	7.6
31	---	---	---	6.9	6.7	6.8	7.2	7.0	7.1	---	---	---
MONTH	7.1	6.4	6.8	7.6	6.6	6.9	7.4	6.6	6.9	7.9	6.9	7.3

## PAMLICO RIVER BASIN

0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, TOP  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	22.6	21.9	22.2	18.0	17.5	17.6	11.2	10.6	10.9	9.3	8.1	8.7
2	22.3	21.3	21.8	18.2	17.5	17.8	10.7	9.6	10.4	9.3	8.5	8.9
3	21.3	20.5	20.8	19.2	17.7	18.3	9.8	8.9	9.3	10.1	8.8	9.4
4	21.1	20.1	20.6	19.6	18.2	18.9	8.9	8.5	8.6	10.9	9.9	10.5
5	22.1	20.5	20.9	20.4	18.0	19.1	8.8	8.5	8.7	12.5	10.9	11.7
6	21.8	20.7	21.2	21.4	19.3	20.4	8.6	7.9	8.4	12.7	11.6	12.2
7	21.6	20.9	21.1	21.2	20.4	20.9	7.9	7.3	7.6	11.6	9.0	10.3
8	21.3	21.0	21.2	20.4	18.4	19.4	7.3	6.4	7.1	9.3	8.0	8.7
9	21.7	20.9	21.3	18.4	16.4	17.4	7.5	6.8	7.2	8.1	7.2	7.4
10	21.4	21.3	21.4	16.4	15.9	16.1	8.7	7.1	7.5	7.3	5.6	6.4
11	21.3	20.8	21.0	16.9	15.5	15.9	9.0	8.2	8.6	5.6	4.2	4.9
12	21.5	20.5	20.9	16.6	15.8	16.2	8.8	8.4	8.6	4.8	4.2	4.4
13	21.7	20.8	21.1	16.7	14.9	16.2	8.7	8.3	8.6	5.2	4.0	4.5
14	21.4	20.7	21.0	14.9	13.1	13.8	8.8	8.2	8.5	5.5	4.7	5.1
15	21.0	19.8	20.4	13.1	11.8	12.6	8.6	8.2	8.5	5.7	5.1	5.4
16	20.1	19.0	19.4	13.4	12.5	12.9	8.5	7.7	8.3	5.4	4.7	5.0
17	19.6	18.6	19.2	14.6	13.0	13.5	9.0	7.9	8.7	5.0	4.0	4.4
18	19.6	18.8	19.2	14.8	13.9	14.4	8.8	8.2	8.4	5.8	4.6	5.1
19	18.9	18.2	18.6	15.4	14.4	14.9	8.7	7.7	8.0	6.2	5.7	5.8
20	19.2	18.3	18.6	15.2	14.7	15.0	8.0	6.4	7.1	6.1	4.4	5.1
21	19.2	18.5	18.8	15.1	14.4	14.6	6.5	5.8	6.0	5.0	3.8	4.2
22	19.3	18.5	19.1	14.8	14.2	14.5	6.3	5.6	5.9	4.9	4.0	4.5
23	18.5	17.4	17.8	15.1	14.5	14.7	7.3	5.8	6.4	4.9	4.2	4.6
24	17.6	16.4	17.1	15.6	14.7	15.2	9.0	7.0	7.5	5.2	4.3	4.8
25	16.7	16.4	16.6	15.3	14.4	14.9	9.0	8.3	8.7	4.7	3.8	4.1
26	17.4	16.7	16.9	14.4	14.1	14.2	8.4	7.8	8.1	3.8	3.3	3.5
27	17.7	17.1	17.4	14.2	13.7	13.9	7.9	7.2	7.6	3.6	3.2	3.4
28	17.7	17.5	17.6	14.8	13.9	14.3	8.2	7.3	7.7	3.4	2.8	3.2
29	18.0	17.5	17.8	14.5	12.1	13.2	8.4	7.4	7.7	3.4	2.6	2.9
30	18.1	17.2	17.6	12.2	11.1	11.6	9.2	7.6	8.7	3.7	2.8	3.3
31	17.8	17.0	17.4	---	---	---	9.3	8.3	8.7	3.5	2.9	3.3
MONTH	22.6	16.4	19.5	21.4	11.1	15.7	11.2	5.6	8.1	12.7	2.6	6.0
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3.5	2.8	3.2	8.9	7.0	7.7	13.8	13.3	13.6	21.4	20.8	21.0
2	3.8	2.8	3.2	10.1	8.1	9.1	13.4	12.7	13.0	22.0	21.0	21.4
3	4.7	3.5	4.1	12.3	9.7	11.0	13.0	12.5	12.7	22.0	20.9	21.7
4	5.6	4.3	4.7	13.6	11.4	12.3	13.2	12.5	12.8	22.2	19.7	20.6
5	5.3	4.5	4.9	14.4	12.5	13.5	12.7	11.8	12.2	20.9	19.8	20.3
6	6.9	5.2	6.0	15.5	14.4	15.0	12.7	11.4	12.0	22.4	20.4	21.0
7	8.3	6.9	7.9	16.0	15.1	15.4	13.5	12.0	12.4	23.5	20.8	21.7
8	8.6	7.7	8.0	15.2	13.7	14.4	14.6	12.9	13.6	23.4	21.1	22.8
9	7.7	7.3	7.5	13.8	12.9	13.3	15.8	14.3	14.9	24.1	22.5	23.1
10	8.0	7.4	7.6	13.0	10.6	11.8	15.8	15.2	15.5	24.4	23.1	23.7
11	9.0	7.6	8.1	10.9	9.9	10.5	16.5	15.5	15.9	25.0	23.9	24.4
12	8.7	7.6	8.1	11.2	9.9	10.6	16.0	15.5	15.7	25.5	24.4	25.0
13	8.6	7.6	7.9	11.5	10.3	10.9	16.8	15.9	16.4	25.8	24.8	25.2
14	8.4	8.0	8.1	11.4	10.6	11.1	17.0	16.3	16.7	26.2	25.3	25.7
15	8.2	7.7	8.0	11.7	11.2	11.4	16.3	15.5	15.8	26.4	25.3	25.9
16	7.7	6.4	6.8	12.2	11.5	11.8	16.8	15.2	15.9	26.6	25.6	26.0
17	6.4	5.9	6.1	12.0	11.4	11.7	16.9	15.5	16.3	26.9	25.8	26.1
18	6.3	5.3	5.8	12.1	10.9	11.3	18.5	16.4	17.4	27.2	25.7	26.3
19	6.6	5.4	6.0	12.5	11.4	11.8	19.4	18.0	18.8	26.8	26.1	26.5
20	7.4	6.2	6.8	12.8	11.3	11.9	20.2	18.6	19.1	27.4	25.7	26.5
21	8.3	7.2	7.8	12.9	12.1	12.5	21.1	19.4	20.3	28.3	26.4	27.1
22	9.8	7.9	8.4	12.6	11.5	12.0	21.4	20.6	21.0	28.3	26.8	27.5
23	9.5	8.2	8.7	11.9	11.0	11.3	22.2	21.1	21.6	28.4	27.3	27.8
24	8.9	8.6	8.8	12.1	10.8	11.5	22.5	21.6	22.0	28.0	27.2	27.6
25	8.7	8.2	8.4	12.8	11.6	12.2	21.7	21.1	21.5	28.4	27.0	27.4
26	8.2	7.4	7.8	14.1	12.5	13.2	22.2	21.4	21.8	28.7	27.2	28.1
27	7.4	6.6	7.0	16.3	13.4	14.6	22.1	21.3	21.7	29.1	27.7	28.4
28	7.0	6.1	6.6	15.7	15.1	15.4	21.6	20.0	20.8	28.6	28.0	28.3
29	8.4	6.5	7.1	15.1	13.6	14.0	21.1	19.9	20.5	28.4	27.3	27.9
30	---	---	---	13.7	13.0	13.4	21.3	20.1	20.7	27.3	26.1	26.6
31	---	---	---	14.4	13.1	13.6	---	---	---	26.6	25.9	26.2
MONTH	9.8	2.8	6.9	16.3	7.0	12.3	22.5	11.4	17.1	29.1	19.7	25.1

## 0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, TOP—CONTINUED  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	26.9	26.0	26.4	28.2	26.7	27.2	30.0	28.7	29.3	28.4	27.1	27.7
2	27.4	26.0	26.7	28.1	27.3	27.7	29.6	29.1	29.3	27.1	26.4	26.7
3	28.3	26.4	26.8	28.8	27.5	27.9	29.1	27.8	28.4	27.0	26.0	26.4
4	26.9	26.2	26.6	28.9	27.9	28.5	28.8	26.9	27.7	27.0	26.2	26.5
5	26.9	26.1	26.4	29.8	27.9	28.8	29.5	27.9	28.6	27.0	26.2	26.6
6	27.2	26.0	26.4	30.4	29.0	29.7	28.9	27.3	28.0	27.1	26.4	26.7
7	27.1	26.1	26.6	31.3	29.7	30.2	27.5	25.3	26.1	26.8	26.4	26.6
8	27.1	26.0	26.5	31.3	29.6	30.1	27.6	25.6	26.3	27.3	26.4	26.7
9	29.0	26.3	27.2	32.6	29.5	30.2	26.6	26.0	26.2	27.1	26.6	26.8
10	28.7	27.2	27.9	32.3	29.8	30.8	27.5	26.0	26.8	27.1	26.4	26.7
11	29.4	27.8	28.4	31.3	29.8	30.3	27.8	26.6	27.0	26.5	25.8	26.1
12	28.7	27.0	27.9	30.3	29.6	30.0	27.8	26.9	27.4	26.1	25.3	25.7
13	27.3	26.1	26.6	30.4	29.1	29.7	27.3	26.2	26.9	25.7	25.2	25.4
14	26.8	26.0	26.3	30.8	29.4	30.0	26.9	25.8	26.4	25.3	24.8	24.9
15	27.1	26.1	26.6	30.3	29.4	29.9	25.9	25.0	25.5	25.6	24.6	25.0
16	27.3	26.7	27.0	30.0	28.9	29.3	26.2	24.7	25.2	25.8	25.2	25.3
17	27.2	26.7	26.9	29.6	28.6	29.1	26.2	25.0	25.6	26.3	25.5	25.9
18	28.8	26.9	27.5	30.3	28.6	28.9	26.7	25.6	25.8	26.0	24.2	25.2
19	29.7	27.5	28.2	29.0	28.3	28.7	28.4	26.0	26.7	24.2	22.4	23.3
20	28.9	27.3	28.1	29.0	27.8	28.3	28.7	27.3	28.0	22.5	22.0	22.3
21	27.8	26.1	26.9	29.1	27.6	28.0	28.9	28.1	28.5	23.0	21.3	21.9
22	27.6	26.7	27.1	29.5	28.0	28.5	28.2	27.3	27.7	23.7	21.6	22.2
23	28.9	27.1	27.9	29.0	27.8	28.3	27.5	26.4	27.0	23.7	21.7	22.8
24	29.0	28.0	28.3	29.1	27.4	27.9	27.2	26.1	26.7	23.6	22.5	23.0
25	29.0	28.0	28.5	29.3	27.8	28.5	26.9	25.6	26.4	23.7	22.7	23.2
26	28.9	27.8	28.3	29.3	27.7	28.4	27.6	26.0	26.8	23.5	22.8	23.2
27	28.2	27.3	27.6	29.3	28.2	28.8	27.6	26.8	27.3	23.8	23.1	23.4
28	27.8	27.2	27.5	29.0	28.0	28.5	27.4	26.6	27.0	24.1	23.3	23.7
29	27.8	26.9	27.2	28.6	27.6	28.1	28.0	26.8	27.3	24.5	23.4	23.8
30	27.4	26.7	27.1	29.3	27.9	28.6	27.3	26.9	27.1	24.4	23.7	24.1
31	---	---	---	29.6	28.5	29.1	28.9	26.7	27.4	---	---	---
MONTH	29.7	26.0	27.2	32.6	26.7	29.0	30.0	24.7	27.1	28.4	21.3	24.9

## PAMLICO RIVER BASIN

0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, BOTTOM  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.8	22.5	22.7	17.8	17.7	17.8	11.2	10.6	10.9	8.3	8.0	8.1
2	22.7	21.3	22.1	17.9	17.7	17.8	10.7	9.9	10.3	8.3	8.0	8.1
3	21.3	19.7	20.7	18.1	17.8	17.9	10.2	9.0	9.4	8.4	8.2	8.3
4	20.9	20.1	20.6	18.0	17.9	18.0	9.0	8.4	8.7	9.4	8.4	8.6
5	20.7	20.4	20.6	18.1	18.0	18.1	8.8	8.5	8.6	12.0	8.8	10.2
6	21.0	20.4	20.7	18.7	18.0	18.1	8.6	8.0	8.3	12.3	11.3	11.9
7	21.0	20.8	20.9	20.8	18.2	19.3	8.0	7.3	7.6	11.6	9.5	10.3
8	21.1	20.9	21.0	19.5	18.5	19.0	7.4	6.6	7.1	9.6	8.2	8.9
9	21.4	21.0	21.2	18.5	16.4	17.5	7.6	6.8	7.3	9.3	8.2	8.9
10	21.5	21.3	21.4	16.4	16.0	16.2	8.7	7.5	7.8	8.4	5.7	6.7
11	21.4	20.9	21.1	16.0	15.6	15.7	9.0	8.2	8.6	6.6	4.9	5.4
12	21.7	20.3	21.0	16.6	15.8	16.2	9.0	8.2	8.4	6.6	4.4	4.9
13	21.3	20.7	21.1	16.7	15.0	16.2	8.7	8.2	8.5	5.6	4.3	5.1
14	21.4	21.2	21.3	15.0	13.1	13.9	8.7	8.2	8.4	6.5	5.4	6.1
15	21.3	20.1	20.5	13.1	12.5	12.7	8.6	8.2	8.4	6.2	5.5	5.9
16	20.1	18.5	19.2	13.2	12.4	12.6	8.6	8.3	8.4	6.0	5.0	5.4
17	19.3	18.4	18.8	13.5	12.6	13.1	9.0	8.4	8.7	5.6	4.4	4.9
18	19.4	18.8	19.1	14.5	13.1	13.6	8.6	7.6	8.0	5.9	5.1	5.5
19	18.8	18.3	18.5	15.3	13.8	14.8	8.4	7.8	8.0	6.4	5.8	6.1
20	18.8	18.3	18.6	15.2	14.7	15.0	8.1	6.6	7.4	6.2	5.1	5.5
21	19.3	18.5	18.8	15.1	14.0	14.5	6.9	6.1	6.4	5.9	4.1	5.3
22	19.4	18.6	19.0	14.6	14.1	14.4	6.9	6.0	6.4	5.8	4.8	5.4
23	18.6	16.9	17.6	14.7	14.5	14.6	7.0	6.1	6.5	5.6	4.6	5.0
24	17.6	16.4	17.1	15.4	14.6	14.9	7.4	6.6	6.8	5.3	4.5	4.9
25	16.9	16.5	16.8	15.2	14.4	14.8	8.3	7.0	7.8	4.9	4.0	4.4
26	17.0	16.9	17.0	14.4	14.1	14.2	8.3	7.3	7.7	4.3	3.7	3.9
27	17.5	17.0	17.2	14.3	13.8	14.0	7.8	7.2	7.6	4.1	3.5	3.9
28	17.6	17.2	17.4	14.8	13.9	14.3	7.8	7.4	7.7	3.6	3.0	3.4
29	18.0	17.5	17.7	14.5	12.1	13.2	7.8	7.7	7.7	3.6	2.8	3.1
30	17.8	17.4	17.6	12.2	11.1	11.6	8.4	7.7	7.9	3.8	3.0	3.4
31	17.9	17.5	17.7	---	---	---	8.3	8.0	8.1	3.9	3.1	3.4
MONTH	22.8	16.4	19.5	20.8	11.1	15.5	11.2	6.0	8.0	12.3	2.8	6.2
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3.7	3.4	3.6	7.6	6.8	7.0	13.8	13.4	13.6	21.3	20.7	21.0
2	3.7	3.5	3.6	10.3	7.1	9.1	13.4	12.7	13.0	22.0	21.0	21.4
3	4.7	3.5	3.8	10.3	8.6	9.5	13.0	12.5	12.7	22.1	21.0	21.7
4	5.0	4.0	4.4	11.6	9.1	9.7	13.2	12.6	12.9	21.0	19.4	20.0
5	4.7	4.3	4.4	14.0	10.0	11.7	12.8	11.9	12.3	20.9	19.3	20.0
6	6.9	4.7	5.4	15.4	13.9	14.9	12.1	11.3	11.7	20.9	20.0	20.4
7	8.4	6.3	7.7	15.5	14.8	15.0	12.5	11.6	12.1	21.0	20.1	20.3
8	8.6	7.6	8.0	15.2	13.8	14.4	14.4	12.2	13.2	21.7	20.1	20.8
9	7.8	7.5	7.6	13.8	12.4	13.1	15.3	13.9	14.5	22.2	21.2	21.7
10	7.8	7.6	7.7	13.0	10.6	11.8	15.7	14.4	15.1	24.3	21.4	22.8
11	7.9	7.7	7.8	10.9	10.0	10.5	16.0	15.1	15.6	24.5	23.6	24.0
12	7.9	7.6	7.7	11.3	10.1	10.6	15.9	15.3	15.7	25.3	23.6	24.5
13	7.8	7.3	7.6	11.5	10.4	10.9	16.8	15.9	16.4	25.7	23.9	24.8
14	8.2	7.7	8.0	11.5	11.0	11.2	16.9	16.4	16.7	26.1	23.9	25.4
15	8.0	7.7	7.9	11.4	11.3	11.3	16.4	15.1	15.7	26.4	24.6	25.7
16	7.7	6.4	6.8	12.1	11.3	11.4	16.1	15.6	15.8	26.0	25.0	25.5
17	6.4	5.9	6.1	12.1	11.5	11.8	16.9	15.7	16.1	25.9	24.6	25.3
18	6.3	5.4	5.9	11.6	11.1	11.4	18.5	16.4	17.1	26.6	24.9	25.5
19	6.7	5.5	6.1	12.6	11.5	11.9	19.5	17.6	18.7	26.9	25.7	26.3
20	7.4	6.2	6.7	12.4	11.6	11.9	19.5	18.0	18.7	26.8	25.4	25.8
21	8.3	7.2	7.8	13.0	12.0	12.4	21.0	18.3	19.3	26.3	25.1	25.6
22	8.8	8.1	8.5	12.8	11.8	12.1	21.3	19.5	20.5	27.8	25.4	26.4
23	8.6	8.1	8.3	11.9	11.2	11.5	22.0	20.6	21.1	27.9	26.5	27.2
24	8.4	8.1	8.2	11.9	11.2	11.6	22.5	21.0	21.7	28.0	26.2	27.3
25	8.7	8.2	8.4	13.0	11.6	11.9	21.7	21.2	21.5	27.5	26.2	27.0
26	8.3	7.4	7.8	13.7	11.8	12.4	22.2	21.4	21.8	27.6	26.2	26.7
27	7.4	6.6	7.0	14.5	12.2	12.9	22.1	21.3	21.6	28.4	26.9	27.6
28	7.2	6.1	6.6	15.4	12.7	15.0	21.4	18.7	20.1	28.5	27.5	28.1
29	7.2	6.9	7.1	15.2	13.6	14.1	21.0	19.3	20.1	28.1	27.2	27.6
30	---	---	---	13.8	13.2	13.4	21.3	20.0	20.6	27.2	26.4	26.7
31	---	---	---	14.0	13.3	13.4	---	---	---	26.7	25.9	26.2
MONTH	8.8	3.4	6.8	15.5	6.8	11.9	22.5	11.3	16.9	28.5	19.3	24.5

## 0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, BOTTOM  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	26.9	25.8	26.3	27.1	27.0	27.1	29.0	28.1	28.4	26.9	26.5	26.7
2	27.1	26.1	26.5	27.1	26.9	27.0	29.3	28.6	28.9	26.8	26.4	26.6
3	27.0	26.0	26.4	27.1	26.8	26.9	29.0	27.4	28.3	26.5	25.9	26.2
4	26.7	26.1	26.3	27.0	26.8	26.9	27.8	26.8	27.2	26.8	26.1	26.4
5	26.6	25.4	26.0	27.2	26.8	26.9	28.6	27.5	28.0	26.7	26.6	26.6
6	26.4	25.8	26.0	29.1	27.1	28.4	28.6	27.7	28.0	26.7	26.5	26.6
7	26.2	25.8	26.0	29.0	27.0	27.6	27.7	26.5	27.4	26.6	26.5	26.5
8	26.2	26.1	26.1	29.1	27.2	27.7	26.7	25.8	26.1	27.0	26.4	26.6
9	26.1	25.9	26.0	29.4	27.7	28.5	26.3	26.2	26.3	27.0	26.5	26.7
10	27.9	26.0	26.4	29.1	27.6	28.0	26.5	26.3	26.3	27.0	26.5	26.7
11	28.6	27.1	27.7	29.1	28.1	28.7	26.4	26.3	26.4	26.6	26.0	26.4
12	28.5	27.1	27.8	28.9	28.1	28.6	26.5	26.3	26.4	26.0	25.2	25.6
13	27.1	26.2	26.6	29.4	28.4	28.7	26.6	26.3	26.4	25.7	25.1	25.3
14	26.6	26.3	26.4	29.9	28.5	29.4	26.7	26.0	26.4	25.8	24.9	25.4
15	26.4	26.2	26.3	30.0	29.0	29.5	26.1	25.6	25.9	25.8	25.3	25.6
16	26.9	26.1	26.4	29.7	28.5	29.1	25.7	25.5	25.6	25.5	25.1	25.3
17	27.1	26.6	26.8	29.0	28.3	28.7	25.6	25.5	25.6	26.1	25.4	25.7
18	27.6	26.6	27.0	28.7	28.5	28.6	25.6	25.6	25.6	25.9	24.1	25.1
19	28.2	27.2	27.6	28.7	28.4	28.5	25.9	25.5	25.6	24.1	22.3	23.1
20	27.8	27.2	27.4	28.5	28.3	28.4	26.0	25.6	25.7	22.4	21.9	22.1
21	27.3	26.6	27.0	28.4	28.3	28.3	27.9	25.6	26.2	22.3	21.1	21.6
22	26.7	26.5	26.6	28.4	28.2	28.3	28.4	26.2	27.0	22.0	21.5	21.8
23	28.4	26.6	27.0	28.4	28.2	28.3	26.7	26.3	26.5	22.5	21.5	21.9
24	28.0	26.8	27.4	28.2	27.8	28.1	26.8	26.6	26.7	23.4	22.3	22.6
25	27.7	26.7	27.2	28.1	27.9	28.0	26.8	26.7	26.7	22.7	22.5	22.6
26	28.4	26.6	27.7	28.1	28.0	28.1	26.7	26.6	26.7	22.7	22.6	22.6
27	27.9	27.2	27.5	28.1	27.9	28.0	26.7	26.6	26.6	22.8	22.6	22.7
28	27.4	27.2	27.2	28.2	27.8	27.9	26.7	26.5	26.6	24.0	22.7	23.2
29	27.4	27.1	27.2	28.1	27.8	27.9	26.8	26.5	26.6	23.9	23.0	23.4
30	27.2	27.1	27.1	28.2	27.9	28.0	27.2	26.6	26.9	23.7	23.4	23.6
31	---	---	---	29.0	27.9	28.2	27.0	26.5	26.7	---	---	---
MONTH	28.6	25.4	26.8	30.0	26.8	28.1	29.3	25.5	26.7	27.0	21.1	24.7

## PAMLICO RIVER BASIN

0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, TOP  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.6	5.9	6.3	7.4	7.0	7.2	9.2	8.6	9.0	9.3	8.6	9.1
2	6.8	6.0	6.2	7.3	6.8	7.1	9.4	8.9	9.2	9.3	8.2	9.1
3	7.0	6.5	6.7	7.0	6.4	6.8	9.6	9.1	9.4	9.3	8.9	9.1
4	7.0	6.5	6.7	6.8	5.4	6.3	9.8	9.4	9.5	9.3	8.8	9.1
5	7.8	6.6	6.9	6.7	4.4	5.8	9.9	9.4	9.6	9.1	8.6	8.8
6	7.8	6.3	7.1	6.9	5.3	6.3	10.3	9.4	9.7	8.8	8.5	8.6
7	7.8	6.7	7.3	7.1	6.6	6.8	10.4	9.8	10.0	9.1	8.5	8.8
8	7.5	7.1	7.3	7.3	6.8	7.0	10.7	10.0	10.2	8.9	8.5	8.7
9	7.3	6.7	7.0	8.2	7.2	7.7	10.4	9.5	9.9	9.0	8.6	8.9
10	7.2	6.8	7.0	8.4	7.8	8.2	10.7	9.8	10.2	9.6	8.6	9.3
11	7.2	6.8	7.0	8.6	8.1	8.3	10.3	9.7	10.1	10.0	9.1	9.5
12	7.2	6.8	7.0	8.4	7.9	8.2	10.2	9.7	10.0	10.3	9.7	10.0
13	7.1	6.3	6.9	8.9	8.0	8.4	10.1	9.4	9.7	10.4	9.9	10.2
14	6.9	6.3	6.6	9.3	8.7	9.1	10.2	9.8	10	10.2	9.9	10.1
15	7.5	6.4	7.1	9.5	9.2	9.3	10.2	9.8	10.0	10.2	9.9	10.1
16	7.6	7.2	7.4	9.4	9.1	9.3	10.1	9.6	9.9	10.5	10.0	10.2
17	7.6	7.2	7.4	9.8	9.0	9.3	9.9	9.1	9.6	10.5	10.0	10.3
18	7.6	7.1	7.4	9.7	8.8	9.3	10.0	9.5	9.7	10.4	10.1	10.2
19	7.8	7.3	7.5	9.0	8.3	8.7	10.1	9.5	9.8	10.3	10.0	10.2
20	7.8	7.3	7.5	8.7	8.4	8.6	10.3	9.5	10	10.8	10.1	10.4
21	7.6	7.2	7.5	9.0	8.4	8.6	10.5	10.0	10.3	10.9	10.4	10.7
22	7.4	7.0	7.2	8.7	7.4	8.4	10.5	9.9	10.2	10.8	10.4	10.6
23	7.6	7.2	7.4	9.3	7.6	8.7	10.4	9.9	10.1	10.8	10.5	10.7
24	8.0	7.3	7.6	10.0	7.3	8.4	10.2	9.3	10	10.9	10.5	10.7
25	7.9	7.6	7.8	8.3	7.3	8.0	9.8	9.3	9.5	11.2	10.7	11.0
26	7.8	7.4	7.7	8.3	8.1	8.2	10.0	9.4	9.7	11.6	11.0	11.3
27	7.6	7.3	7.5	8.2	7.9	8.1	9.8	9.1	9.5	11.7	11.2	11.5
28	7.6	7.3	7.5	8.2	7.7	7.9	9.8	9.1	9.4	12.0	11.4	11.7
29	7.6	7.2	7.4	8.9	7.9	8.6	9.4	8.0	9.0	12.0	11.8	11.9
30	7.8	7.1	7.4	9.1	8.8	8.9	9.4	8.2	9.0	12.0	11.6	11.9
31	7.6	7.1	7.3	---	---	---	9.3	8.8	9.0	11.9	11.6	11.8
MONTH	8.0	5.9	7.2	10.0	4.4	8.1	10.7	8.0	9.7	12.0	8.2	10.1
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.0	11.7	11.9	11.0	10.5	10.9	9.3	9.0	9.1	---	---	---
2	12.0	11.7	11.9	10.7	10.3	10.5	9.3	8.9	9.2	---	---	---
3	12.0	11.6	11.8	10.5	10.2	10.3	9.3	9.1	9.2	---	---	---
4	11.8	11.5	11.6	10.3	9.9	10.1	9.4	9.1	9.2	---	---	---
5	11.7	11.4	11.6	10.1	9.3	9.8	9.6	9.3	9.5	---	---	---
6	11.6	10.9	11.3	9.6	9.1	9.3	9.8	9.5	9.6	7.6	7.4	7.5
7	11.0	10.7	10.8	9.2	8.9	9.1	9.9	9.4	9.6	8.0	7.5	7.6
8	11.0	10.6	10.8	9.2	8.7	9.0	9.6	8.9	9.3	7.7	7.1	7.4
9	10.9	10.6	10.8	9.2	8.9	9.1	9.2	8.9	9.1	7.9	7.2	7.3
10	11.0	10.6	10.8	10.2	9.0	9.6	9.1	8.6	8.8	7.4	6.7	7.0
11	10.9	10.1	10.5	10.6	9.8	10.1	8.7	8.5	8.6	7.3	6.9	7.1
12	10.3	9.8	10.1	10.2	9.9	10.1	8.6	8.3	8.4	7.3	6.8	7.1
13	10.3	10.1	10.2	10.2	9.8	10.0	8.3	8.2	8.3	7.2	6.8	6.9
14	10.2	10.0	10.1	10.2	9.9	10.0	8.4	8.2	8.3	7.0	6.6	6.8
15	10.4	9.2	9.9	10.1	9.4	9.9	8.8	8.3	8.5	6.9	6.4	6.6
16	11.0	10.4	10.8	10.0	9.4	9.8	8.7	8.4	8.6	6.8	6.3	6.6
17	11.2	10.8	11.0	9.7	9.4	9.5	8.5	8.2	8.4	6.9	6.2	6.5
18	11.8	11.2	11.5	9.7	9.3	9.5	8.2	7.9	8.1	6.7	6.0	6.4
19	11.5	11.1	11.3	9.8	9.3	9.5	8.1	7.8	8.0	6.2	5.5	6.0
20	11.2	10.8	11.0	9.9	9.4	9.6	---	---	---	6.3	5.9	6.1
21	11.0	10.6	10.8	9.7	9.5	9.6	---	---	---	6.2	5.9	6.1
22	10.8	10.5	10.7	9.9	9.5	9.7	---	---	---	6.1	5.5	5.8
23	10.7	10.4	10.5	10.2	9.6	9.8	---	---	---	6.1	5.5	5.8
24	10.5	10.3	10.4	10.2	9.8	9.9	---	---	---	6.4	5.9	6.1
25	10.4	9.9	10.1	10.1	9.6	9.8	---	---	---	6.4	6.1	6.3
26	10.7	10.2	10.4	10.1	9.4	9.7	---	---	---	6.4	5.7	6.2
27	11.2	10.5	10.9	10.0	9.3	9.6	---	---	---	6.2	5.8	6.0
28	11.3	11.0	11.2	9.8	9.0	9.3	---	---	---	6.2	5.8	6.1
29	11.3	10.9	11.1	9.5	9.2	9.3	---	---	---	6.4	6.1	6.2
30	---	---	---	9.5	9.2	9.4	---	---	---	6.5	6.2	6.4
31	---	---	---	9.9	9.0	9.3	---	---	---	6.7	6.4	6.6
MONTH	12.0	9.2	10.9	11.0	8.7	9.7	---	---	---	---	---	---

## 0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, TOP—CONTINUED  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.8	6.6	6.7	6.6	5.1	5.9	6.9	5.2	6.0	7.5	6.7	7.1
2	6.8	6.6	6.7	6.4	5.7	6.1	6.5	4.7	5.7	6.8	5.5	6.2
3	6.7	6.3	6.5	6.9	6.0	6.4	5.9	4.9	5.4	6.2	5.4	5.8
4	6.8	6.2	6.5	7.0	5.4	6.3	7.2	5.5	6.0	6.3	5.8	6.0
5	6.9	6.6	6.8	6.9	5.9	6.4	7.8	5.7	6.4	6.3	5.8	6.1
6	6.9	6.6	6.8	7.2	6.4	6.7	6.9	6.0	6.3	6.2	5.2	5.9
7	6.8	6.1	6.6	7.3	5.7	6.5	7.5	5.8	6.1	6.2	4.2	5.8
8	6.5	6.1	6.4	7.2	5.7	6.1	7.2	4.8	5.8	5.7	3.2	4.7
9	6.7	5.2	6.3	8.6	5.7	6.5	6.8	3.9	5.5	6.3	5.0	5.8
10	6.5	5.9	6.3	8.3	5.9	7.0	6.3	2.8	4.4	6.8	6.0	6.4
11	6.6	6.1	6.4	7.4	3.8	5.9	6.2	3.7	5.1	6.6	6.0	6.3
12	6.6	6.2	6.4	6.1	2.5	4.9	7.8	4.1	5.7	6.7	6.2	6.4
13	7.0	6.4	6.7	6.4	5.0	5.8	6.9	4.3	5.8	6.6	6.1	6.4
14	7.0	6.7	6.9	6.7	6.0	6.3	6.3	5.3	5.8	6.7	6.1	6.4
15	7.0	6.8	7.0	6.0	3.8	4.6	5.7	5.1	5.4	6.6	5.7	6.1
16	7.1	6.9	7.0	4.3	3.7	3.9	5.5	4.7	5.1	6.6	5.7	6.0
17	7.0	6.8	6.9	4.2	3.2	3.8	5.1	3.5	4.4	6.7	5.4	6.2
18	7.2	6.8	6.9	4.2	3.6	3.9	4.5	2.9	3.4	6.6	6.0	6.3
19	7.3	6.1	6.8	3.7	3.5	3.6	5.1	3.2	4.1	7.2	6.5	6.9
20	7.0	6.3	6.7	3.7	3.3	3.5	5.5	4.6	5.3	7.5	7.0	7.3
21	6.8	6.4	6.6	6.5	2.6	4.5	5.8	5.4	5.6	8.3	7.3	7.7
22	6.8	6.0	6.5	6.0	0.3	2.8	5.7	5.2	5.5	8.9	7.5	7.9
23	6.7	6.0	6.4	5.9	3.3	5.3	5.2	4.8	5.0	8.9	7.4	8.3
24	6.6	6.2	6.4	8.0	5.6	6.4	5.2	4.5	4.8	8.1	7.4	7.8
25	6.5	5.9	6.3	8.1	6.2	6.9	5.7	4.4	5.0	7.9	7.3	7.6
26	6.3	6.0	6.2	7.0	0.4	4.2	6.0	4.1	5.1	7.8	7.3	7.5
27	6.6	6.0	6.3	7.6	0.4	5.5	6.0	4.9	5.5	7.5	7.1	7.3
28	6.4	4.5	6.1	6.6	5.7	6.1	6.1	4.8	5.6	7.3	4.8	6.5
29	6.4	5.6	6.1	6.9	5.6	6.2	5.8	3.4	4.8	7.8	6.6	7.0
30	6.3	5.4	6.0	7.2	6.2	6.7	6.3	3.5	5.1	7.6	6.4	7.2
31	---	---	---	7.0	5.3	6.3	8.0	6.3	6.8	---	---	---
MONTH	7.3	4.5	6.5	8.6	0.3	5.5	8.0	2.8	5.4	8.9	3.2	6.6

## PAMLICO RIVER BASIN

0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.2	5.4	5.7	6.8	6.2	6.5	---	---	---	5.0	3.1	4.1
2	6.7	5.1	5.9	6.4	5.6	6.0	---	---	---	4.4	3.1	4.0
3	6.9	6.1	6.5	6.1	5.0	5.4	---	---	---	4.1	3.1	3.5
4	6.8	5.5	6.1	5.2	4.1	4.8	---	---	---	3.9	2.1	3.0
5	6.7	5.8	6.3	4.7	3.6	4.2	---	---	---	8.5	1.4	3.8
6	6.1	5.3	5.8	4.3	2.6	3.4	---	---	---	8.7	4.5	8.1
7	5.7	4.6	4.9	6.7	2.5	4.1	10.0	9.6	9.8	8.9	8.3	8.6
8	5.6	4.9	5.3	7.3	3.0	5.3	---	---	---	8.8	8.1	8.6
9	5.4	4.4	4.9	8.2	7.2	7.7	---	---	---	8.2	3.1	5.7
10	7.1	4.3	6.5	8.4	7.8	8.2	---	---	---	9.6	5.1	8.9
11	7.1	6.5	6.8	8.3	7.6	8.1	9.8	9.2	9.6	9.8	7.1	9.1
12	7.1	5.8	6.6	8.5	7.5	8.1	9.7	8.9	9.5	10.2	6.0	9.5
13	6.8	5.0	6.2	9.2	8.2	8.7	9.6	8.8	9.2	10.2	8.2	9.5
14	5.8	3.5	4.6	9.7	9.1	9.4	9.7	9.0	9.5	9.8	4.5	7.3
15	7.2	3.5	6.6	9.9	9.5	9.7	9.9	9.6	9.7	10.0	6.8	8.5
16	7.2	6.4	6.9	9.8	8.3	9.2	9.7	8.3	9.3	10.1	8.1	9.7
17	7.3	5.5	6.6	10.0	8.2	9.1	9.5	8.1	8.7	10.2	8.7	9.8
18	7.3	5.4	6.8	9.5	7.1	8.3	9.7	9.2	9.4	10.0	8.2	9.3
19	7.6	6.9	7.2	8.9	7.3	8.5	9.6	8.6	9.2	9.9	9.2	9.6
20	7.5	6.6	7.2	8.5	8.2	8.4	10.0	9.2	9.5	10.1	9.2	9.8
21	7.5	7.2	7.3	8.4	7.3	8.1	10.0	9.0	9.7	10.4	8.5	9.7
22	8.1	6.9	7.4	8.4	7.2	7.9	10.0	8.0	9.2	10.2	8.2	9.1
23	7.8	7.5	7.7	8.3	6.7	7.4	9.4	8.3	9.1	10.3	8.0	9.7
24	8.2	7.3	7.9	8.0	6.6	7.2	9.6	8.2	8.7	10.4	9.8	10.2
25	8.2	7.1	7.8	8.2	7.3	7.9	9.6	7.6	8.5	10.6	10.1	10.4
26	7.4	6.5	7.0	8.2	7.7	8.0	9.7	7.3	9.0	10.7	9.9	10.4
27	7.7	5.7	6.6	---	---	---	9.5	7.3	9.0	11.1	10.0	10.5
28	7.0	5.9	6.3	---	---	---	8.4	5.8	6.5	11.4	10.8	11.1
29	7.6	5.9	7.2	---	---	---	6.3	5.4	6.0	11.5	10.8	11.2
30	7.6	6.9	7.3	---	---	---	6.1	5.0	5.4	11.3	10.4	11.0
31	7.4	6.6	6.9	---	---	---	5.4	3.6	4.6	11.2	10.7	11.0
MONTH	8.2	3.5	6.5	---	---	---	---	---	---	11.5	1.4	8.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.0	9.8	10.2	10.8	8.4	9.4	9.1	7.5	8.8	---	---	---
2	10.1	9.6	9.9	10.9	9.3	10.5	9.2	8.8	9.0	---	---	---
3	10.0	9.0	9.6	10.5	7.7	9.5	9.2	8.9	9.0	---	---	---
4	10.4	8.4	9.2	9.5	8.3	8.9	9.3	8.8	9.1	---	---	---
5	9.8	8.5	9.1	9.8	7.2	8.8	9.5	9.3	9.4	---	---	---
6	---	---	---	9.7	9.1	9.4	9.6	9.1	9.4	7.6	6.6	7.2
7	---	---	---	9.3	8.2	8.6	9.6	8.8	9.3	7.1	5.6	6.5
8	---	---	---	9.3	8.8	9.2	9.3	8.1	8.9	6.8	4.6	5.6
9	---	---	---	9.3	8.6	9.1	9.1	8.4	8.8	6.2	4.0	5.0
10	---	---	---	10.3	9.1	9.7	8.9	7.7	8.3	7.2	3.1	5.5
11	---	---	---	10.4	10.0	10.2	8.6	6.1	7.9	7.0	6.3	6.7
12	10.6	7.0	9.3	10.3	9.7	10.1	8.4	6.2	8.0	7.0	5.8	6.5
13	10.6	7.5	9.7	10.2	9.5	10	8.2	7.9	8.1	6.8	5.3	6.2
14	9.9	5.8	8.6	10.0	8.4	9.1	8.3	7.8	8.1	6.6	3.3	6.2
15	10.4	5.7	8.1	9.9	7.8	8.6	9.0	8.2	8.4	6.5	5.4	6.2
16	10.9	10.4	10.7	9.7	7.1	7.9	8.5	7.6	8.0	6.6	5.4	6.2
17	11.2	10.8	11.0	9.8	7.5	9.1	8.3	6.6	7.4	6.5	4.5	5.6
18	11.7	11.2	11.3	9.7	5.5	8.8	8.2	7.3	7.8	6.3	3.6	4.7
19	11.4	11.0	11.3	9.9	7.8	9.5	8.0	7.2	7.7	6.3	3.8	5.8
20	11.2	10.8	11.0	9.8	9.3	9.6	---	---	---	6.3	5.3	6.0
21	11.0	10.5	10.8	9.9	9.6	9.8	---	---	---	5.9	4.1	5.0
22	10.9	9.7	10.3	10.2	9.7	9.9	---	---	---	5.8	3.6	4.7
23	10.0	9.0	9.6	10.1	9.2	9.8	---	---	---	6.1	3.2	4.9
24	9.3	8.6	8.9	10.0	7.8	8.6	---	---	---	6.4	5.7	6.1
25	10.5	8.8	10	9.8	7.0	8.3	---	---	---	6.4	5.5	6.1
26	10.7	8.1	10.2	9.3	6.3	7.7	---	---	---	6.5	5.3	5.9
27	11.3	10.7	10.9	9.4	6.0	7.3	---	---	---	6.0	4.7	5.7
28	11.3	11.0	11.2	9.5	6.2	8.8	---	---	---	6.2	4.8	5.8
29	11.3	10.0	10.7	9.6	9.3	9.5	---	---	---	6.3	4.9	5.8
30	---	---	---	9.6	8.8	9.4	---	---	---	6.4	3.0	6.0
31	---	---	---	9.4	7.7	8.4	---	---	---	6.6	2.9	6.2
MONTH	---	---	---	10.9	5.5	9.1	---	---	---	---	---	---



## 0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM—CONTINUED  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.7	6.2	6.4	2.7	1.3	1.9	3.6	0.0	0.6	6.0	3.8	4.6
2	6.9	5.6	6.2	1.8	1.0	1.4	5.1	0.0	2.5	6.3	3.6	5.0
3	6.6	5.3	6.3	1.4	0.3	0.9	6.0	1.3	4.6	6.3	5.8	6.0
4	6.5	3.9	5.2	0.9	0.2	0.4	5.9	4.5	5.5	6.4	1.7	5.7
5	6.6	5.1	5.9	2.4	0.1	0.5	6.6	3.0	5.0	2.5	1.1	1.4
6	6.4	3.7	5.3	6.6	0.2	4.2	6.8	4.5	6.3	2.0	1.0	1.5
7	4.4	3.3	3.8	5.3	0.0	1.3	6.5	5.0	5.6	1.7	0.8	1.2
8	3.9	2.1	3.0	2.7	0.0	0.5	5.7	3.2	5.0	4.9	0.3	1.4
9	2.5	1.5	1.9	5.6	0.1	1.7	3.7	2.1	2.9	6.4	1.6	5.5
10	5.1	1.4	2.3	3.9	0.0	0.6	2.4	0.8	1.5	6.4	3.3	5.1
11	6.1	2.3	5.4	1.3	0.0	0.4	1.9	0.1	0.9	6.0	3.4	4.4
12	6.4	5.3	6.1	0.1	0.0	0.0	0.8	0.1	0.3	6.4	4.1	5.9
13	6.4	2.7	4.7	3.5	0.0	1.0	1.4	0.2	0.3	6.6	6.2	6.4
14	3.9	2.6	3.3	6.5	0.2	4.7	6.1	0.2	3.2	6.4	1.3	3.7
15	4.9	2.2	3.2	6.8	2.0	5.2	5.5	4.2	4.7	2.5	0.9	1.4
16	6.1	1.8	3.0	6.3	4.6	5.5	4.8	3.8	4.3	4.4	0.7	1.7
17	6.7	5.2	6.3	4.8	0.2	2.0	4.2	2.9	3.4	6.6	0.4	3.4
18	6.6	4.4	6.1	1.2	0.2	0.5	3.4	1.4	2.4	7.0	6.0	6.7
19	6.7	5.1	5.9	1.9	0.3	0.6	3.0	1.0	1.7	7.8	6.9	7.4
20	6.3	4.6	5.3	1.7	0.4	0.6	2.3	0.6	1.5	8.1	7.5	7.7
21	5.0	3.7	4.2	0.5	0.0	0.2	4.3	0.5	1.6	8.5	7.7	8.0
22	4.5	2.5	3.7	0.1	0.0	0.0	5.1	1.0	2.9	8.3	7.6	8.0
23	6.3	2.7	4.5	0.3	0.0	0.0	2.7	1.1	1.7	7.9	6.1	6.8
24	6.1	2.4	4.5	0.1	0.0	0.0	2.4	1.2	1.6	7.2	4.0	6.1
25	4.6	1.3	2.9	0.1	0.0	0.0	1.4	0.9	1.1	4.2	2.9	3.5
26	6.2	1.1	4.5	0.6	0.0	0.1	1.5	0.5	0.9	3.7	2.8	3.2
27	5.8	2.4	4.3	0.0	0.0	0.0	1.2	0.5	0.8	3.2	2.3	2.8
28	3.4	1.8	2.3	0.4	0.0	0.0	0.8	0.0	0.3	6.6	2.0	4.1
29	5.2	1.7	2.5	0.9	0.0	0.1	1.0	0.0	0.2	6.6	5.6	6.3
30	3.2	2.0	2.3	1.1	0.0	0.2	5.6	0.1	3.0	6.5	5.3	5.8
31	---	---	---	3.0	0.0	0.4	6.5	4.4	5.2	---	---	---
MONTH	6.9	1.1	4.4	6.8	0.0	1.1	6.8	0.0	2.6	8.5	0.3	4.7

## PAMLICO RIVER BASIN

0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, TOP  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	76	68	72	78	74	76	83	78	81	81	74	78
2	77	68	71	77	72	75	84	79	82	81	71	78
3	79	72	75	76	67	73	84	80	82	82	77	80
4	79	72	75	74	58	68	84	81	82	83	79	81
5	90	74	77	74	47	63	85	81	82	84	79	81
6	89	70	80	78	58	70	87	81	83	82	78	80
7	89	76	82	79	74	77	87	82	84	81	75	78
8	85	80	82	79	74	77	87	83	84	76	73	75
9	82	75	79	84	77	80	86	79	82	75	72	74
10	82	77	79	86	80	83	89	82	85	78	72	75
11	81	76	79	89	82	84	89	84	86	78	72	75
12	82	76	78	86	81	83	88	83	86	80	75	78
13	81	71	78	89	82	86	86	80	83	81	77	79
14	78	71	74	89	84	88	87	84	85	81	78	79
15	83	72	78	90	86	88	88	84	86	81	79	80
16	84	78	80	90	86	88	86	82	84	82	79	80
17	83	78	81	96	86	90	85	78	82	82	78	80
18	82	77	80	95	87	91	86	81	83	83	78	81
19	84	78	81	88	82	86	85	80	83	83	80	82
20	85	78	81	87	83	85	84	80	83	84	80	82
21	82	78	80	90	82	84	85	80	83	84	81	83
22	79	76	78	86	73	83	84	80	82	85	81	83
23	80	76	78	92	75	86	84	80	83	84	81	83
24	84	77	79	100	72	84	86	78	83	85	81	84
25	81	78	80	82	72	79	84	80	82	86	83	84
26	82	76	80	81	79	80	84	80	82	87	83	85
27	80	76	79	80	77	78	82	76	80	88	84	87
28	80	77	79	80	75	77	82	76	79	89	85	87
29	80	76	78	84	78	82	79	67	76	90	87	89
30	82	74	78	84	81	82	81	69	78	91	87	89
31	80	74	76	---	---	---	80	75	78	89	87	89
MONTH	90	68	78	100	47	81	89	67	82	91	71	81
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	90	87	89	94	89	91	90	86	88	---	---	---
2	90	87	89	94	88	92	89	85	88	---	---	---
3	92	88	90	97	91	94	88	86	87	---	---	---
4	93	89	91	97	93	95	90	86	88	---	---	---
5	93	88	91	96	91	94	90	87	88	---	---	---
6	92	89	91	95	91	93	92	87	89	88	82	85
7	94	89	92	93	89	91	95	88	90	94	84	87
8	93	90	91	91	86	89	94	86	90	91	81	86
9	92	89	90	88	85	87	93	87	90	93	83	86
10	92	89	91	92	85	89	91	87	89	87	79	83
11	92	85	89	96	88	90	89	86	87	89	82	85
12	88	83	86	93	90	91	87	83	85	89	82	86
13	87	85	86	93	89	91	86	83	85	87	82	85
14	87	85	86	94	90	91	87	84	85	86	81	84
15	87	78	84	92	86	91	89	84	86	85	79	82
16	90	87	89	92	86	90	90	85	87	85	78	81
17	90	88	89	90	86	88	87	84	86	87	77	81
18	94	89	92	89	85	87	87	82	84	84	75	80
19	92	90	91	92	85	88	86	84	85	78	68	75
20	91	89	90	94	87	89	---	---	---	80	74	77
21	93	90	91	92	89	91	---	---	---	79	74	77
22	94	89	91	92	88	90	---	---	---	78	69	74
23	93	89	90	94	88	90	---	---	---	78	70	75
24	91	88	90	94	89	91	---	---	---	81	75	78
25	90	84	87	93	89	92	---	---	---	83	77	80
26	89	86	87	98	90	93	---	---	---	82	73	79
27	92	88	90	102	89	94	---	---	---	81	74	78
28	93	89	91	99	90	93	---	---	---	80	74	78
29	95	90	92	93	89	91	---	---	---	82	78	80
30	---	---	---	92	88	90	---	---	---	81	78	80
31	---	---	---	96	86	90	---	---	---	83	79	82
MONTH	95	78	90	102	85	91	---	---	---	---	---	---

## 0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, TOP—CONTINUED  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	85	82	84	85	64	74	91	68	79	97	85	91
2	86	82	84	82	73	78	86	62	75	86	69	78
3	86	79	82	89	76	81	76	64	70	78	67	72
4	85	78	81	91	70	81	94	69	76	79	72	75
5	87	82	84	91	76	83	103	73	83	79	73	76
6	87	82	85	96	84	88	90	76	81	78	65	73
7	85	76	83	99	76	86	94	71	76	78	53	72
8	81	76	80	98	76	82	91	60	72	71	40	58
9	87	66	79	119	75	86	85	49	69	79	63	72
10	84	75	81	112	78	94	79	35	56	86	75	80
11	87	78	83	100	50	79	78	46	64	82	74	78
12	84	79	82	81	33	66	100	52	73	83	76	79
13	88	80	83	85	66	77	87	53	73	81	74	79
14	88	83	86	90	79	83	78	66	73	81	74	77
15	88	85	87	80	50	60	70	62	66	80	69	74
16	89	86	88	57	48	51	67	57	62	81	69	73
17	88	85	87	55	42	50	63	43	54	83	67	76
18	94	85	88	55	47	50	56	36	42	80	74	77
19	96	78	87	48	45	47	66	40	52	85	77	81
20	91	80	86	48	43	45	71	58	67	87	81	84
21	87	80	83	85	34	57	76	69	73	97	83	88
22	87	76	82	77	4	36	73	66	70	105	86	91
23	87	76	82	76	42	69	66	61	63	105	84	96
24	86	79	82	105	71	82	65	56	60	95	87	91
25	85	76	81	105	79	90	72	55	63	94	85	89
26	82	77	80	91	5	54	76	51	64	92	85	88
27	85	76	80	99	5	71	76	62	69	89	83	86
28	81	57	78	86	73	79	77	61	71	86	56	77
29	82	71	77	89	71	80	73	43	60	94	78	83
30	80	68	76	94	80	86	79	44	64	91	76	85
31	---	---	---	92	70	82	104	79	87	---	---	---
MONTH	96	57	83	119	4	72	104	35	68	105	40	80

## PAMLICO RIVER BASIN

0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

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

## 0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM—CONTINUED  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

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