

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. The monitor was removed on September 11, 2005 to prevent possible destruction during Hurricane Ophelia. It was reinstalled on September 19, 2005. 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.

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	8.6, April 20, 2005	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	31.2, July 20, 2005	0.4, January 24, 2003
DISSOLVED OXYGEN (TOP), mg/L	13.6, February 9, 2003	<1.0, July 22, 26, 27, 2004, August 5, 2005
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	11.2, November 25	2.0, July 22
SALINITY (BOTTOM), ppt	13.3, February 9, 10	2.8, July 22
pH (TOP), standard units	8.6, April 20	6.6, August 4, 10
pH (BOTTOM), standard units	7.9, on several days during the year	6.5, May 15
WATER TEMPERATURE (TOP), °C	32.2, August 13	1.6, January 29
WATER TEMPERATURE (BOTTOM), °C	31.2, July 20	1.3, January 25
DISSOLVED OXYGEN (TOP), mg/L	13.3, April 20	0.3, August 5
DISSOLVED OXYGEN (BOTTOM), mg/L	12.4, January 28, 29, 30, 31	0.0, on many days during the year
DISSOLVED OXYGEN, PERCENT SATURATION (TOP),%	136, April 20	4, August 5
DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM),%	102, August 31	0, on many days during the year

PAMLICO RIVER BASIN

0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, TOP
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

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

0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, TOP—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.2	5.0	5.1	5.5	5.4	5.5	4.4	3.6	4.0	7.2	7.0	7.1
2	5.9	5.2	5.6	5.6	5.2	5.5	4.3	3.5	3.7	7.3	7.1	7.2
3	5.5	5.2	5.3	5.3	4.8	5.0	5.1	3.0	3.8	7.4	7.2	7.3
4	5.4	5.1	5.3	5.2	4.9	5.0	6.4	3.0	4.0	7.5	7.3	7.4
5	5.6	5.0	5.3	5.1	4.8	5.0	6.7	4.9	6.1	7.5	7.4	7.5
6	5.4	5.1	5.2	5.0	4.7	4.9	6.7	4.8	5.5	8.0	7.5	7.8
7	5.2	4.7	5.0	5.1	4.7	4.9	5.4	4.4	4.9	8.1	7.8	7.9
8	5.3	4.7	5.0	5.1	4.2	4.7	5.7	5.0	5.4	8.1	7.9	8.0
9	5.5	5.0	5.3	4.7	4.2	4.5	6.0	5.0	5.2	8.4	8.0	8.2
10	5.6	5.1	5.4	4.6	4.4	4.5	5.3	4.4	4.9	8.6	8.4	8.5
11	5.4	5.0	5.2	4.7	4.3	4.5	4.9	4.6	4.7	---	---	---
12	5.5	5.2	5.4	4.6	4.3	4.4	4.7	4.6	4.7	---	---	---
13	5.4	4.9	5.3	4.6	4.3	4.5	4.8	4.7	4.7	---	---	---
14	4.9	4.6	4.8	4.5	4.1	4.3	4.8	4.7	4.7	---	---	---
15	5.2	4.4	4.9	4.3	4.1	4.2	4.9	4.7	4.8	---	---	---
16	5.0	3.5	4.6	4.2	3.5	3.9	4.9	4.8	4.8	---	---	---
17	5.1	4.2	4.5	4.2	3.1	3.5	4.9	4.4	4.7	---	---	---
18	5.0	4.0	4.6	3.7	3.2	3.3	4.9	4.5	4.7	---	---	---
19	5.3	4.8	5.1	3.8	2.9	3.4	5.1	4.8	4.9	---	---	---
20	5.3	5.0	5.1	3.8	2.6	3.4	5.4	4.8	4.9	9.1	9.0	9.0
21	5.2	5.1	5.2	3.6	2.5	3.1	5.0	4.6	4.8	9.1	8.8	9.0
22	5.2	5.1	5.2	3.0	2.0	2.6	5.1	4.7	4.9	9.2	8.9	9.0
23	5.4	5.2	5.2	3.3	2.4	2.7	5.2	4.8	4.9	9.1	8.8	9.0
24	5.7	5.3	5.4	3.0	2.6	2.8	5.4	5.0	5.1	9.3	9.0	9.1
25	5.7	5.4	5.5	4.1	2.9	3.1	5.7	5.3	5.5	9.4	9.1	9.2
26	5.8	5.4	5.7	3.4	3.0	3.3	6.5	5.6	5.8	9.5	9.3	9.4
27	5.7	5.7	5.7	4.2	3.1	3.4	6.4	5.7	6.0	9.4	9.2	9.3
28	5.7	5.7	5.7	4.2	3.3	3.6	6.8	6.0	6.3	9.4	9.2	9.3
29	5.7	5.6	5.6	5.9	3.8	4.1	7.1	6.2	6.6	9.6	9.3	9.4
30	5.6	5.4	5.5	4.5	4.3	4.4	8.2	6.6	6.9	9.5	9.3	9.4
31	---	---	---	4.5	4.3	4.4	7.3	7.1	7.2	---	---	---
MONTH	5.9	3.5	5.2	5.9	2.0	4.1	8.2	3.0	5.1	---	---	---

0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, BOTTOM
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.2	9.8	10	10.8	10.2	10.5	10.8	10.3	10.6	10.6	10.1	10.4
2	9.9	9.8	9.8	10.7	10.4	10.6	10.8	10.6	10.7	10.9	9.5	10.7
3	9.9	9.8	9.9	10.4	10.0	10.3	10.8	10.4	10.5	11.1	10.4	11.0
4	9.9	9.8	9.8	10.6	10.2	10.3	10.7	10.4	10.6	11.1	10.6	10.8
5	9.8	9.7	9.8	10.6	10.2	10.3	10.7	10.4	10.6	10.8	8.5	10.4
6	9.9	9.7	9.8	10.6	10.2	10.3	10.6	10.4	10.6	10.7	9.0	10.2
7	9.8	9.8	9.8	10.4	10.1	10.2	10.6	10.2	10.4	10.8	8.9	10.2
8	9.8	9.7	9.8	10.3	10.1	10.1	10.6	10.2	10.4	10.9	10.3	10.6
9	9.8	9.7	9.8	10.3	9.9	10.1	10.7	10.4	10.6	11.8	10.2	11.0
10	9.8	9.5	9.7	10.4	10.0	10.1	10.7	9.8	10.2	12.4	11.2	11.8
11	9.7	9.5	9.6	10.4	10.2	10.3	10	9.5	9.7	12.4	11.2	12.1
12	9.7	9.5	9.6	10.7	10.2	10.4	9.9	9.5	9.7	12.4	11.7	12.3
13	9.8	9.5	9.7	10.8	9.7	10.2	9.8	9.3	9.5	12.4	10.6	12.0
14	9.7	9.7	9.7	10.3	9.8	10.1	9.8	9.3	9.6	12.4	9.5	11.0
15	10.0	9.5	9.6	10.3	10	10.1	9.8	7.0	8.6	9.9	8.6	9.6
16	9.7	9.5	9.5	10.2	10.0	10.1	10.0	9.5	9.8	9.8	7.6	8.9
17	9.8	9.5	9.6	10.6	10.0	10.3	10.0	9.7	9.9	8.8	7.3	8.0
18	9.8	9.5	9.6	11.1	10.4	10.8	10.1	9.8	10.0	8.7	7.8	8.1
19	9.7	9.6	9.6	11.5	11.1	11.2	10.4	8.5	10.0	9.2	8.0	8.7
20	9.7	9.5	9.6	11.7	11.1	11.5	9.4	8.3	8.6	9.2	7.9	8.6
21	9.7	9.3	9.6	11.8	11.2	11.5	9.0	8.2	8.7	9.2	8.2	9.0
22	9.7	9.3	9.4	12.2	11.6	11.9	9.4	8.8	9.0	9.7	8.3	9.2
23	9.9	9.3	9.6	12.4	11.6	12.2	9.5	8.5	8.9	8.5	8.0	8.3
24	9.7	9.5	9.7	12.5	11.4	12.2	9.4	8.1	8.6	8.5	8.2	8.4
25	10.1	9.7	10	12.5	10.7	11.5	8.5	7.3	8.0	8.7	8.0	8.4
26	10.1	9.5	9.9	11.4	10.8	11.0	8.2	7.2	7.8	9.3	8.3	8.8
27	10.5	10.0	10.3	11.1	10.7	10.9	8.1	7.3	7.7	9.3	8.1	8.6
28	11.0	10.4	10.7	10.9	10.7	10.8	9.7	8.1	8.8	8.8	8.1	8.6
29	11.2	10.7	11.1	10.8	10.7	10.7	9.8	8.7	9.5	9.7	8.0	8.6
30	11.0	10.2	10.7	10.8	10.7	10.8	9.9	8.4	9.4	9.8	8.3	9.3
31	10.7	10.0	10.3	---	---	---	10.4	9.6	10.1	8.5	8.1	8.3
MONTH	11.2	9.3	9.9	12.5	9.7	10.7	10.8	7.0	9.6	12.4	7.3	9.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.4	8.2	8.7	10.6	9.8	10.2	9.0	8.7	8.8	6.0	5.3	5.6
2	10.6	8.6	9.9	10.2	9.7	10	8.8	8.2	8.6	6.1	5.6	5.9
3	10.7	9.8	10.4	10.2	10	10.1	8.2	6.6	7.5	6.0	5.5	5.7
4	10.1	8.2	8.8	10.6	10.0	10.4	8.0	7.3	7.6	6.5	5.7	6.2
5	10.7	8.5	9.1	10.4	9.5	10	8.2	7.8	8.0	6.5	5.6	5.9
6	11.3	10.5	10.9	9.8	9.5	9.7	8.1	7.8	8.0	6.2	4.8	5.7
7	12.2	11.0	11.5	10.0	9.3	9.8	8.0	6.9	7.6	5.6	4.3	5.1
8	13.1	12.2	12.7	9.9	8.5	9.1	7.8	7.1	7.6	5.6	4.1	5.1
9	13.3	12.4	13.0	9.7	9.0	9.4	7.6	6.2	6.7	5.6	5.4	5.5
10	13.3	9.7	11.5	9.7	9.1	9.3	6.8	5.4	6.2	6.1	5.6	5.8
11	10.2	9.8	10.0	9.3	8.8	9.1	7.6	6.5	7.1	6.2	5.6	5.9
12	10.6	9.9	10.1	9.5	8.6	8.8	7.6	6.6	7.2	6.0	5.0	5.7
13	11.2	10.2	10.8	9.9	9.1	9.7	6.8	6.4	6.5	6.0	5.0	5.8
14	11.7	10.5	11.2	9.3	8.7	9.0	6.8	6.4	6.6	5.9	5.0	5.6
15	11.8	11.1	11.5	9.5	8.6	9.3	6.8	6.3	6.6	5.4	4.5	4.9
16	11.7	10.7	11.6	10.4	8.7	9.6	6.7	6.5	6.6	5.3	4.6	4.9
17	11.3	10	10.5	9.5	9.1	9.3	7.0	6.4	6.6	5.4	4.8	5.2
18	10.5	9.8	10.0	9.5	9.0	9.2	7.2	6.4	6.8	5.7	5.1	5.3
19	10.5	10.0	10.3	10.1	9.3	9.9	7.1	6.4	6.7	5.7	5.1	5.5
20	10.9	10.2	10.6	10.2	9.5	10.0	7.1	6.2	6.8	5.2	4.7	5.0
21	11.0	10.0	10.6	10.2	8.8	9.6	6.7	6.2	6.4	5.1	4.7	4.9
22	10.9	10.3	10.6	10.5	9.3	10.2	6.8	6.0	6.4	5.0	4.8	4.9
23	11.3	10.2	10.9	10.3	9.2	9.3	6.1	5.4	5.7	4.8	4.7	4.8
24	11.3	10	10.5	9.3	8.8	9.1	6.0	5.7	5.8	5.0	4.7	4.8
25	10.2	10	10.1	9.2	8.7	9.1	6.0	5.6	5.7	5.0	4.7	4.8
26	10.6	10.0	10.4	9.5	8.6	9.0	6.1	5.7	5.9	5.0	4.6	4.8
27	11.3	10.2	10.9	9.7	8.8	9.3	5.9	5.7	5.8	5.0	4.7	4.8
28	10.6	10.2	10.3	9.9	8.6	9.1	6.4	5.7	5.9	5.0	4.7	4.9
29	---	---	---	8.8	8.2	8.6	6.0	5.6	5.9	4.9	4.7	4.8
30	---	---	---	9.2	8.8	9.0	5.9	5.0	5.6	5.0	4.8	4.9
31	---	---	---	9.1	8.6	8.9	---	---	---	5.2	4.9	5.0
MONTH	13.3	8.2	10.6	10.6	8.2	9.5	9.0	5.0	6.8	6.5	4.1	5.3

0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, BOTTOM—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.4	5.1	5.5	5.6	5.4	5.5	7.0	5.8	6.5	7.9	7.2	7.4
2	6.3	5.5	5.7	5.6	5.4	5.5	7.0	6.2	6.8	8.6	7.4	8.1
3	5.8	5.4	5.7	5.6	5.4	5.5	7.4	6.5	7.0	8.3	7.3	7.8
4	6.0	5.5	5.7	5.9	5.2	5.5	8.0	7.0	7.4	8.5	7.5	7.7
5	6.5	5.7	6.3	6.0	5.1	5.8	8.5	7.8	8.2	7.6	7.5	7.5
6	6.5	6.3	6.5	5.7	4.8	5.1	8.4	7.0	7.9	8.1	7.5	7.8
7	6.6	5.9	6.4	5.4	5.0	5.3	8.3	6.5	7.7	8.1	7.8	8.0
8	6.5	5.8	6.3	5.4	4.3	4.8	8.3	7.4	7.9	8.5	8.0	8.1
9	6.5	6.0	6.3	5.3	4.8	5.1	8.3	7.0	8.0	9.0	8.4	8.7
10	6.5	6.0	6.3	5.2	4.6	4.9	7.9	7.1	7.6	9.0	8.6	8.7
11	6.4	5.9	6.2	5.1	4.5	4.8	7.8	6.3	7.0	---	---	---
12	6.4	5.7	6.2	4.8	4.6	4.7	7.7	5.9	6.9	---	---	---
13	6.1	5.4	5.8	4.7	4.4	4.5	7.7	6.0	7.0	---	---	---
14	6.1	5.1	5.5	4.5	4.3	4.5	7.7	6.1	7.1	---	---	---
15	5.4	5.0	5.2	4.4	4.2	4.3	7.5	5.3	6.3	---	---	---
16	5.3	4.5	5.1	4.3	4.0	4.2	7.3	5.7	6.5	---	---	---
17	5.4	4.7	5.1	4.2	3.7	4.0	6.9	4.6	5.5	---	---	---
18	6.5	5.3	5.7	4.3	3.7	4.0	6.7	4.7	6.1	---	---	---
19	6.7	4.8	6.0	4.0	3.7	3.9	7.1	6.1	6.7	---	---	---
20	5.3	5.1	5.2	3.9	3.5	3.7	7.6	6.5	7.0	9.8	9.2	9.6
21	5.3	5.1	5.2	3.9	3.5	3.7	7.6	6.8	7.2	9.7	9.0	9.4
22	5.2	5.1	5.2	3.9	2.8	3.6	7.2	5.0	6.2	10.3	9.5	9.9
23	6.0	5.2	5.4	4.3	3.5	3.8	8.1	5.9	7.0	10.3	9.4	9.9
24	7.1	5.6	6.5	5.5	4.1	4.6	9.1	6.4	7.9	10.2	9.3	9.7
25	6.9	6.3	6.7	6.1	5.3	5.7	10.6	8.6	9.4	10.2	9.6	9.9
26	6.8	5.5	6.0	6.7	5.2	5.8	11.3	9.9	10.6	10.4	9.4	9.9
27	5.8	5.7	5.7	7.3	6.0	6.7	11.5	10.8	11.2	9.5	9.2	9.4
28	5.7	5.7	5.7	7.6	5.9	6.8	11.3	10.6	11.1	9.7	9.3	9.5
29	5.7	5.6	5.6	7.7	5.5	7.3	11.2	10.0	10.9	9.7	9.4	9.5
30	5.6	5.5	5.6	7.4	5.6	7.1	11.1	10.4	10.9	9.5	9.3	9.4
31	---	---	---	7.3	6.2	6.9	10.9	7.1	9.8	---	---	---
MONTH	7.1	4.5	5.8	7.7	2.8	5.1	11.5	4.6	7.8	---	---	---

PAMLICO RIVER BASIN

0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, TOP
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	7.7	7.6	7.6	7.9	7.6	7.7	7.7	7.6	7.6	7.6	7.4	7.5
2	7.8	7.6	7.6	7.9	7.6	7.7	7.9	7.6	7.7	7.6	7.4	7.5
3	7.8	7.5	7.6	7.7	7.5	7.6	7.9	7.8	7.8	7.6	7.5	7.6
4	7.8	7.5	7.6	7.6	7.5	7.6	7.9	7.8	7.8	7.6	7.5	7.6
5	7.7	7.5	7.6	7.7	7.5	7.6	8.0	7.8	7.9	7.7	7.6	7.6
6	7.8	7.6	7.7	7.7	7.6	7.7	7.9	7.8	7.9	7.7	7.5	7.6
7	7.9	7.6	7.7	7.8	7.6	7.6	7.9	7.8	7.9	7.6	7.4	7.5
8	8.0	7.7	7.8	7.7	7.6	7.7	7.9	7.8	7.8	7.6	7.4	7.5
9	7.9	7.7	7.8	7.7	7.6	7.7	7.9	7.7	7.8	7.5	7.4	7.4
10	7.9	7.7	7.8	7.7	7.6	7.7	7.8	7.6	7.7	7.6	7.4	7.5
11	7.7	7.5	7.6	7.7	7.6	7.7	7.7	7.7	7.7	7.7	7.5	7.6
12	7.8	7.5	7.6	7.7	7.6	7.7	7.8	7.6	7.7	7.9	7.5	7.7
13	7.7	7.5	7.6	7.7	7.6	7.6	7.8	7.7	7.8	7.8	7.3	7.6
14	7.6	7.5	7.6	7.7	7.6	7.7	7.8	7.3	7.6	7.5	7.3	7.4
15	7.6	7.5	7.5	7.7	7.6	7.7	7.4	7.2	7.3	7.5	7.3	7.4
16	7.6	7.5	7.6	7.7	7.6	7.7	7.7	7.1	7.4	7.4	7.2	7.4
17	7.7	7.6	7.6	7.8	7.6	7.7	7.7	7.3	7.5	7.4	7.2	7.3
18	7.8	7.6	7.7	7.8	7.6	7.7	7.7	7.6	7.6	7.5	7.4	7.4
19	7.8	7.6	7.7	7.7	7.6	7.7	7.8	7.6	7.7	7.4	7.4	7.4
20	7.7	7.5	7.6	7.7	7.6	7.7	7.7	7.6	7.7	7.5	7.4	7.5
21	7.7	7.5	7.6	7.7	7.6	7.6	7.7	7.6	7.7	7.4	7.3	7.3
22	7.6	7.6	7.6	7.7	7.6	7.6	7.7	7.6	7.7	7.4	7.3	7.4
23	7.8	7.6	7.7	7.7	7.6	7.7	7.7	7.6	7.7	7.4	7.3	7.4
24	7.7	7.7	7.7	7.7	7.5	7.6	7.6	7.4	7.6	7.4	7.2	7.3
25	7.7	7.6	7.7	7.6	7.4	7.6	7.5	7.3	7.3	7.4	7.2	7.3
26	7.8	7.7	7.7	7.7	7.6	7.6	7.5	7.3	7.4	7.5	7.3	7.4
27	7.9	7.7	7.8	7.7	7.6	7.7	7.5	7.4	7.4	7.6	7.5	7.5
28	7.9	7.7	7.8	7.7	7.6	7.7	7.5	7.4	7.4	7.6	7.5	7.6
29	7.8	7.7	7.7	7.7	7.6	7.7	7.5	7.4	7.5	7.6	7.4	7.5
30	7.8	7.7	7.8	7.7	7.6	7.7	7.5	7.4	7.5	7.6	7.5	7.6
31	7.8	7.6	7.7	---	---	---	7.6	7.4	7.5	7.6	7.5	7.6
MONTH	8.0	7.5	7.7	7.9	7.4	7.7	8.0	7.1	7.6	7.9	7.2	7.5
	FEBRUARY			MARCH			APRIL			MAY		
1	7.6	7.5	7.5	7.8	7.7	7.8	8.1	7.5	7.6	7.4	7.3	7.4
2	7.6	7.5	7.6	7.7	7.7	7.7	7.6	7.4	7.5	7.7	7.4	7.4
3	7.6	7.6	7.6	7.8	7.7	7.7	7.5	7.2	7.3	7.6	7.3	7.4
4	7.6	7.5	7.6	7.8	7.7	7.8	7.5	7.3	7.4	7.7	7.3	7.5
5	7.7	7.5	7.6	7.8	7.7	7.8	7.8	7.1	7.4	7.6	7.3	7.5
6	7.8	7.7	7.7	7.8	7.6	7.7	7.9	7.3	7.5	7.5	7.2	7.4
7	7.9	7.7	7.8	7.8	7.6	7.7	7.8	7.3	7.6	7.5	7.2	7.4
8	7.8	7.7	7.8	7.7	7.6	7.6	7.7	7.4	7.5	7.4	7.0	7.2
9	7.9	7.6	7.7	7.8	7.6	7.7	7.4	7.3	7.4	7.3	6.9	7.1
10	8.0	7.8	7.9	7.9	7.7	7.8	7.6	7.2	7.3	7.1	6.9	7.0
11	7.9	7.8	7.8	8.0	7.8	7.9	7.6	7.3	7.5	7.4	6.8	7.1
12	7.8	7.8	7.8	7.8	7.7	7.8	7.6	7.5	7.5	7.3	7.0	7.2
13	7.8	7.8	7.8	8.0	7.7	7.8	7.6	7.5	7.5	7.3	7.1	7.2
14	7.9	7.8	7.8	7.9	7.6	7.8	7.7	7.5	7.6	7.2	6.9	7.0
15	7.9	7.7	7.8	7.9	7.7	7.8	7.7	7.5	7.6	7.1	6.9	7.0
16	7.9	7.7	7.8	7.8	7.7	7.8	7.7	7.6	7.6	7.0	6.9	7.0
17	7.9	7.8	7.8	7.8	7.7	7.7	7.8	7.6	7.6	7.1	6.9	7.0
18	7.9	7.8	7.8	7.8	7.7	7.8	8.0	7.6	7.8	7.4	7.0	7.2
19	7.9	7.7	7.8	7.8	7.7	7.8	8.2	7.8	8.0	7.4	7.2	7.3
20	7.9	7.7	7.8	7.9	7.7	7.7	8.6	8.0	8.2	7.3	7.2	7.3
21	7.8	7.7	7.8	7.9	7.7	7.8	8.1	7.9	7.9	7.5	7.3	7.4
22	7.8	7.7	7.8	7.9	7.7	7.8	8.2	7.3	7.8	7.6	7.4	7.4
23	7.9	7.8	7.8	7.8	7.7	7.7	7.6	7.3	7.5	7.5	7.3	7.4
24	7.8	7.6	7.7	7.7	7.6	7.7	7.6	7.5	7.6	7.5	7.3	7.4
25	7.7	7.6	7.7	7.8	7.6	7.7	7.7	7.5	7.6	7.5	7.3	7.4
26	7.8	7.6	7.7	7.8	7.6	7.7	7.7	7.5	7.6	7.5	7.3	7.4
27	7.9	7.8	7.9	7.8	7.6	7.7	7.8	7.6	7.6	7.7	7.3	7.5
28	7.9	7.8	7.8	7.7	7.6	7.7	7.8	7.5	7.6	7.6	7.3	7.4
29	---	---	---	7.7	7.5	7.6	7.8	7.4	7.6	7.8	7.3	7.5
30	---	---	---	7.9	7.5	7.6	7.6	7.3	7.4	7.6	7.3	7.4
31	---	---	---	7.7	7.5	7.6	---	---	---	7.5	7.2	7.4
MONTH	8.0	7.5	7.8	8.0	7.5	7.7	8.6	7.1	7.6	7.8	6.8	7.3

0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, TOP—CONTINUED
 WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

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

0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, BOTTOM
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

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

0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, BOTTOM—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

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

PAMLICO RIVER BASIN

0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, TOP
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.2	23.6	23.9	19.5	18.4	18.8	13.0	12.4	12.7	5.3	4.5	4.7
2	24.7	23.7	24.1	19.9	18.6	19.1	13.0	12.1	12.4	6.2	4.6	5.0
3	25.1	24.0	24.3	20.0	19.2	19.6	12.4	11.6	12.0	6.4	5.0	5.3
4	24.6	23.9	24.1	19.2	18.8	19.0	12.0	11.4	11.7	8.5	5.4	7.1
5	24.2	23.4	23.8	19.1	18.3	18.7	11.5	10.8	11.1	10.1	7.7	9.1
6	23.4	22.2	22.7	18.3	17.3	17.9	11.5	11.1	11.3	10.3	9.4	9.9
7	22.2	21.7	22.0	17.4	16.7	17.1	12.4	11.3	11.9	11.3	10.2	10.7
8	22.4	21.3	21.7	17.0	16.2	16.8	13.3	12.4	12.8	11.7	10.6	11.0
9	22.0	21.3	21.6	16.2	14.9	15.5	13.8	12.7	13.2	11.6	10.9	11.2
10	22.4	21.7	22.0	14.9	14.0	14.4	14.5	13.3	13.9	11.4	10.8	11.1
11	22.2	20.8	21.5	15.0	13.8	14.1	14.6	13.8	14.3	11.3	10.7	11.0
12	21.5	20.7	21.0	14.9	14.0	14.6	13.8	12.7	13.2	12.1	10.6	11.3
13	21.3	20.8	21.0	14.9	13.7	14.4	12.7	11.7	12.2	12.5	11.2	11.8
14	21.1	20.7	20.9	13.8	12.5	13.0	11.7	9.7	10.7	12.9	11.7	12.3
15	20.7	19.8	20.4	12.5	11.8	12.1	9.7	7.4	8.6	12.2	10.6	11.2
16	19.8	18.8	19.2	12.0	10.9	11.6	9.3	7.7	8.6	10.6	9.3	9.9
17	18.8	18.2	18.5	12.3	11.0	11.5	9.3	7.0	8.1	9.4	7.6	8.4
18	18.7	18.0	18.4	12.0	11.4	11.8	8.8	8.1	8.4	7.6	4.8	6.5
19	19.6	18.4	19.0	11.9	11.5	11.7	8.9	8.2	8.4	5.5	4.3	4.9
20	19.8	19.3	19.6	12.7	11.4	12.0	8.3	6.0	7.0	5.1	4.4	4.7
21	19.8	19.5	19.6	13.1	12.4	12.7	6.0	4.8	5.5	5.2	4.3	4.6
22	19.5	18.5	19.0	13.5	12.8	13.0	6.1	5.0	5.6	4.3	3.8	4.1
23	18.5	17.4	18.1	13.8	13.0	13.5	7.2	5.9	6.4	4.3	2.7	3.6
24	17.6	16.9	17.3	14.3	13.7	14.0	7.3	6.7	7.0	2.7	1.7	2.2
25	17.0	16.1	16.7	15.1	14.1	14.7	6.7	5.8	6.3	3.6	1.8	2.2
26	16.9	15.5	16.3	14.4	13.1	13.7	5.8	4.6	5.4	3.0	2.1	2.5
27	17.0	15.9	16.4	13.1	12.4	12.8	4.7	3.4	4.3	3.2	2.6	2.9
28	17.2	16.3	16.7	13.3	12.7	13.0	4.2	3.3	3.6	2.6	2.0	2.3
29	16.7	16.3	16.5	13.0	12.5	12.7	4.2	3.4	3.8	2.5	1.6	2.0
30	17.7	16.6	17.1	13.0	12.3	12.7	4.5	4.0	4.2	2.8	2.2	2.5
31	18.9	17.5	18.1	---	---	---	5.0	4.3	4.6	3.2	2.6	2.9
MONTH	25.1	15.5	20.0	20.0	10.9	14.6	14.6	3.3	9.0	12.9	1.6	6.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3.4	2.9	3.2	8.6	7.8	8.2	16.9	14.7	15.3	18.8	18.3	18.5
2	3.7	3.0	3.3	8.0	7.0	7.4	16.1	15.4	15.8	19.7	18.2	18.7
3	3.7	3.4	3.6	7.1	6.6	6.9	15.6	14.2	14.7	19.3	18.0	18.5
4	4.1	3.6	3.8	7.2	5.2	6.6	15.1	13.9	14.4	19.2	17.6	18.4
5	4.5	3.6	4.0	8.1	6.7	7.3	16.7	14.7	15.3	18.7	18.0	18.4
6	5.1	3.9	4.4	8.3	7.1	7.7	17.2	15.5	16.0	18.0	15.5	16.8
7	5.5	4.6	4.9	9.0	7.7	8.3	17.5	16.2	17.0	16.3	14.5	15.5
8	5.8	4.8	5.0	9.9	8.8	9.4	18.3	17.3	17.7	16.9	15.3	16.1
9	6.7	4.8	5.2	9.0	8.2	8.6	17.8	16.2	17.0	18.5	16.7	17.2
10	7.6	6.5	7.1	9.0	8.0	8.4	16.2	15.3	15.8	18.2	17.2	17.7
11	7.1	6.4	6.7	9.4	8.4	8.9	16.7	15.4	16.0	20.4	17.6	18.1
12	6.5	5.9	6.3	9.2	8.5	9.0	16.2	15.3	15.7	21.2	18.8	19.9
13	6.9	5.9	6.5	10.8	8.7	9.5	15.3	14.3	14.8	21.1	19.4	19.9
14	7.4	6.8	7.0	9.9	9.4	9.6	14.3	13.7	13.9	20.3	19.0	19.6
15	8.8	7.2	7.6	10.2	8.8	9.6	13.8	12.1	12.9	21.2	19.8	20.5
16	9.5	7.3	8.3	10.0	8.9	9.5	12.1	11.4	11.7	21.8	21.1	21.4
17	9.9	8.9	9.3	8.9	7.7	8.4	12.7	10.8	11.6	21.8	20.5	21.2
18	9.7	8.3	8.9	8.6	7.5	8.1	13.9	11.8	12.5	22.3	20.8	21.2
19	9.1	8.0	8.4	9.0	7.9	8.5	15.7	13.2	14.4	21.4	20.9	21.1
20	8.8	7.8	8.3	10.3	8.8	9.1	18.3	15.1	15.8	21.4	20.8	21.1
21	9.2	8.5	8.8	10.9	9.6	10.0	17.8	15.8	16.9	21.1	20.0	20.6
22	9.6	8.9	9.3	11.1	9.6	10.4	18.2	16.6	17.3	21.2	20.1	20.7
23	9.9	9.0	9.4	12.1	10.7	11.2	18.7	17.8	18.2	21.8	20.5	21.1
24	9.3	8.9	9.1	13.0	11.9	12.4	18.2	15.9	17.2	21.6	21.0	21.2
25	8.9	7.8	8.4	12.8	12.2	12.5	16.0	15.6	15.8	21.2	19.4	20.3
26	8.8	7.6	8.1	13.0	12.1	12.5	16.0	15.4	15.7	20.5	19.2	19.8
27	8.4	7.9	8.2	12.9	12.5	12.7	17.1	15.9	16.3	21.6	20.0	20.7
28	8.4	7.8	8.1	13.8	12.8	13.3	18.1	15.9	16.7	22.4	21.1	21.7
29	---	---	---	14.2	13.3	13.7	17.6	16.6	17.0	23.7	22.2	22.8
30	---	---	---	15.3	13.8	14.3	18.5	16.9	17.5	23.4	22.8	23.1
31	---	---	---	15.1	14.0	14.5	---	---	---	23.4	22.7	22.9
MONTH	9.9	2.9	6.8	15.3	5.2	9.9	18.7	10.8	15.6	23.7	14.5	19.8

0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, TOP—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.8	22.0	22.4	29.6	27.4	28.2	28.6	27.8	28.1	29.2	28.6	28.9
2	22.0	21.1	21.5	29.3	28.6	28.9	28.6	27.5	28.0	30.3	28.2	28.9
3	22.9	21.3	21.7	29.1	28.2	28.6	29.2	27.5	28.3	29.7	28.7	29.2
4	22.8	22.1	22.4	29.2	27.8	28.2	29.0	28.0	28.4	28.8	27.7	28.2
5	23.9	22.0	22.8	28.8	27.8	28.3	29.8	28.6	28.9	27.7	26.8	27.2
6	24.9	23.2	24.0	30.1	28.4	29.0	30.8	28.3	29.2	26.8	25.8	26.3
7	26.2	24.3	24.7	31.2	29.6	30.1	30.1	29.0	29.5	26.1	25.5	25.8
8	27.4	25.1	26.2	29.8	29.0	29.5	29.6	28.6	29.1	26.0	25.2	25.5
9	26.4	25.2	25.7	30.7	29.2	29.7	30.0	28.6	28.9	26.3	25.1	25.5
10	27.0	25.0	25.9	31.0	29.4	29.8	29.1	28.1	28.5	25.6	24.9	25.3
11	27.0	25.6	26.3	31.4	29.6	30.3	30.1	28.8	29.2	---	---	---
12	27.3	25.9	26.6	30.5	30.1	30.3	30.7	29.5	29.9	---	---	---
13	28.6	26.4	27.2	30.2	28.8	29.5	32.2	29.9	30.4	---	---	---
14	29.0	27.4	28.2	29.4	28.5	28.7	31.9	30.3	31.0	---	---	---
15	30.1	28.5	29.2	29.2	28.1	28.5	31.9	30.6	31.2	---	---	---
16	30.3	29.0	29.5	30.6	28.3	29.0	31.6	30.4	31.1	---	---	---
17	29.5	28.6	28.9	30.4	29.3	29.7	30.9	30.0	30.4	---	---	---
18	28.7	27.5	28.2	30.8	29.6	30.1	30.5	29.4	29.7	---	---	---
19	27.5	26.7	27.1	30.8	30.0	30.4	30.4	28.9	29.4	---	---	---
20	26.7	25.4	25.9	31.4	29.9	30.6	31.2	29.0	29.6	28.0	26.5	27.0
21	25.9	24.7	25.3	31.4	30.2	30.7	31.4	29.3	30.2	27.3	26.6	27.0
22	26.4	24.8	25.6	31.7	30.5	31.0	31.3	30.4	30.7	26.9	26.2	26.6
23	27.2	25.9	26.4	31.7	30.4	30.9	31.1	30.2	30.8	28.2	26.0	26.6
24	27.4	26.0	26.5	31.1	30.0	30.5	30.2	29.2	29.7	27.6	26.8	27.2
25	26.8	26.1	26.4	31.4	29.7	30.2	29.2	28.2	28.7	27.2	26.6	26.8
26	26.5	26.1	26.3	32.0	30.1	30.4	28.2	27.4	27.8	27.0	26.1	26.6
27	27.6	26.1	26.6	32.1	30.4	31.0	27.8	27.1	27.5	27.2	26.5	26.7
28	27.6	26.8	27.2	31.9	30.6	31.3	28.1	27.0	27.5	26.7	25.9	26.3
29	27.2	26.6	27.0	31.2	29.6	30.3	28.6	27.4	28.0	26.4	25.6	25.9
30	28.9	26.4	27.0	29.6	29.0	29.2	29.7	27.8	28.3	26.1	24.8	25.3
31	---	---	---	29.1	28.4	28.7	29.7	28.5	29.0	---	---	---
MONTH	30.3	21.1	26.0	32.1	27.4	29.7	32.2	27.0	29.3	---	---	---

PAMLICO RIVER BASIN

0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, BOTTOM
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.1	23.6	23.8	18.0	17.5	17.7	13.0	12.6	12.7	5.0	4.7	4.8
2	24.2	23.7	23.9	18.4	17.8	18.0	12.8	11.9	12.3	5.1	4.9	5.0
3	24.3	23.9	24.1	19.8	18.2	19.0	12.2	11.6	11.9	5.3	5.0	5.2
4	24.2	23.8	24.0	19.2	18.8	19.0	12.0	11.1	11.8	5.6	5.2	5.4
5	24.1	23.4	23.8	19.1	18.1	18.5	11.9	11.2	11.7	6.6	5.5	5.7
6	23.4	22.2	22.7	18.4	17.2	17.7	11.8	11.5	11.6	9.2	6.0	6.6
7	22.2	21.7	21.8	17.4	16.9	17.1	12.4	11.6	11.9	9.4	6.7	7.7
8	21.7	21.2	21.4	17.0	16.3	16.8	12.9	12.3	12.7	9.2	7.0	7.7
9	21.6	21.1	21.3	16.3	15.0	15.6	13.2	12.7	12.8	9.0	7.9	8.4
10	22.3	21.3	21.7	15.0	14.0	14.5	14.4	12.9	13.7	9.1	8.3	8.6
11	22.1	21.1	21.4	14.4	13.9	14.1	14.6	13.7	14.3	9.0	8.5	8.7
12	21.4	20.7	21.0	14.8	14.1	14.6	13.7	12.6	13.1	9.1	8.6	8.8
13	21.2	20.7	21.0	14.9	13.8	14.4	12.6	11.7	12.2	11.2	8.9	9.3
14	21.0	20.7	20.9	13.8	12.7	13.1	11.8	10.0	10.9	12.6	9.0	10.9
15	20.9	19.8	20.4	12.9	11.9	12.2	10.9	8.7	9.7	11.8	10.6	11.2
16	19.8	18.8	19.2	12.2	11.5	11.7	9.7	9.1	9.5	10.6	9.5	9.9
17	18.8	18.2	18.4	12.5	11.4	11.8	9.7	8.7	9.1	9.5	7.4	8.4
18	18.5	18.0	18.2	12.0	11.8	11.9	9.2	8.4	8.8	7.6	5.4	6.4
19	19.5	18.4	18.9	12.3	12.0	12.2	8.9	8.4	8.7	6.2	4.9	5.8
20	19.8	19.2	19.6	12.6	12.2	12.4	8.8	6.1	7.0	5.0	4.1	4.6
21	19.7	19.4	19.6	12.8	12.5	12.6	6.2	5.1	5.7	5.0	4.3	4.8
22	19.6	18.5	19.0	13.0	12.7	12.9	6.1	5.2	5.6	5.3	4.3	5.0
23	18.5	17.7	18.1	13.3	13.0	13.1	6.9	5.8	6.3	4.4	2.7	3.6
24	17.9	16.9	17.3	13.8	13.2	13.3	7.2	6.7	7.0	2.7	1.7	2.2
25	17.6	16.7	17.1	15.0	13.4	14.3	6.8	5.8	6.3	2.8	1.3	2.1
26	16.8	15.6	16.4	14.4	11.9	13.3	5.8	5.0	5.4	3.2	2.4	2.7
27	16.7	16.4	16.6	13.0	12.0	12.6	5.1	3.4	4.4	3.8	2.7	3.2
28	16.8	16.6	16.7	13.3	12.6	13.0	4.7	4.2	4.4	2.7	2.0	2.3
29	16.9	16.7	16.8	13.0	12.5	12.8	4.9	4.3	4.6	2.6	1.7	2.0
30	17.6	16.7	16.9	12.8	12.5	12.6	4.9	4.5	4.7	2.8	2.3	2.5
31	17.9	17.0	17.4	---	---	---	4.8	4.6	4.7	3.3	2.6	3.0
MONTH	24.3	15.6	20.0	19.8	11.4	14.4	14.6	3.4	9.2	12.6	1.3	5.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3.4	3.0	3.2	8.6	7.8	8.3	15.7	14.6	15.0	18.3	17.8	18.1
2	3.5	3.0	3.3	8.0	7.1	7.4	16.2	15.3	15.8	18.6	17.8	18.1
3	3.6	3.2	3.4	7.2	6.6	6.9	15.7	14.3	14.8	18.3	17.5	18.0
4	4.1	3.6	3.8	7.1	6.5	6.8	15.2	14.0	14.4	18.9	17.8	18.3
5	4.5	3.6	4.0	8.2	6.8	7.2	15.2	14.4	15.0	18.7	18.0	18.3
6	4.5	4.1	4.3	8.2	7.1	7.6	15.0	14.8	14.9	18.0	15.5	16.8
7	4.7	4.4	4.5	8.8	7.6	8.3	17.4	14.9	15.9	16.2	14.1	15.4
8	4.7	4.6	4.6	9.9	8.8	9.4	17.3	16.6	16.8	16.9	15.6	16.2
9	4.8	4.6	4.7	9.0	7.1	8.2	17.3	16.2	17.0	17.1	16.7	16.9
10	7.6	4.7	6.0	9.3	7.6	8.4	16.2	15.4	15.8	17.3	16.7	16.9
11	7.1	6.5	6.7	9.5	8.6	9.0	16.5	16.0	16.1	17.1	16.7	16.9
12	6.6	5.6	6.2	9.5	8.6	9.1	16.1	15.5	15.9	18.0	16.8	17.0
13	6.6	6.2	6.5	10.1	9.2	9.4	15.5	14.2	14.8	18.9	17.1	17.8
14	7.0	6.3	6.5	9.9	9.5	9.7	14.2	13.6	13.9	18.8	18.3	18.6
15	6.8	6.4	6.6	10.0	9.4	9.7	13.8	12.1	12.9	20.8	18.3	19.2
16	8.5	6.5	6.8	9.9	9.0	9.6	12.1	11.4	11.7	20.8	19.8	20.4
17	9.4	7.7	8.7	9.0	7.8	8.5	11.8	11.0	11.4	20.8	19.8	20.4
18	9.4	8.5	9.0	8.6	7.7	8.1	12.3	11.7	11.9	21.1	20.5	20.7
19	9.1	8.1	8.5	8.8	8.0	8.4	13.2	11.8	12.2	21.2	20.7	20.8
20	8.3	7.9	8.1	8.7	8.4	8.5	13.2	11.9	12.3	21.4	20.8	21.1
21	9.0	7.8	8.3	9.6	8.5	8.9	14.9	12.2	13.5	21.1	20.0	20.5
22	9.2	8.7	8.9	9.8	8.6	9.1	17.6	13.4	15.6	21.2	20.1	20.7
23	9.2	8.7	9.0	11.8	9.6	11.1	18.5	17.1	18.0	21.5	20.4	20.8
24	9.2	9.0	9.2	12.5	11.6	12.0	18.1	15.7	17.0	21.4	20.9	21.1
25	9.0	8.1	8.6	12.6	12.0	12.3	15.9	15.4	15.6	21.2	19.4	20.3
26	8.5	8.1	8.4	12.7	12.2	12.3	15.8	15.4	15.6	20.5	19.1	19.7
27	8.5	8.0	8.3	12.7	12.3	12.5	16.5	15.7	15.9	21.4	20.0	20.2
28	8.5	7.9	8.2	13.8	12.4	13.2	16.3	15.6	15.8	22.1	20.7	21.2
29	---	---	---	14.2	13.3	13.7	17.1	15.8	16.4	23.3	21.6	21.9
30	---	---	---	14.4	13.9	14.1	18.3	16.7	17.3	23.2	22.1	22.8
31	---	---	---	15.1	14.0	14.5	---	---	---	23.1	22.6	22.8
MONTH	9.4	3.0	6.6	15.1	6.5	9.7	18.5	11.0	15.0	23.3	14.1	19.3

0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, BOTTOM—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.8	22.0	22.3	27.6	26.0	26.5	29.4	28.5	29.1	29.3	28.2	28.7
2	22.0	21.1	21.4	28.6	26.5	27.2	29.1	28.9	29.0	28.6	28.3	28.5
3	21.4	21.1	21.2	28.6	26.6	27.4	29.0	28.8	29.0	29.2	28.4	28.6
4	21.7	21.1	21.3	27.9	27.4	27.7	29.0	28.9	28.9	28.6	27.7	28.2
5	21.6	21.2	21.3	28.5	27.6	27.8	28.9	28.8	28.9	27.7	26.8	27.2
6	21.7	21.4	21.5	29.8	27.8	28.3	28.9	28.4	28.7	26.8	25.8	26.3
7	22.3	21.4	21.5	29.4	27.7	28.2	28.8	28.6	28.7	26.1	25.6	25.8
8	22.4	21.4	21.9	29.8	28.3	29.4	28.8	28.6	28.8	25.8	25.2	25.5
9	22.4	21.5	21.8	29.8	29.2	29.5	28.9	28.5	28.7	25.7	25.3	25.5
10	24.2	21.6	22.3	29.4	29.0	29.3	28.7	28.4	28.6	25.6	24.9	25.3
11	24.2	22.4	23.2	29.9	28.7	29.3	28.6	28.3	28.5	---	---	---
12	26.2	22.5	23.3	30.1	29.1	29.7	28.7	28.3	28.5	---	---	---
13	26.2	23.2	24.9	30.0	28.8	29.4	28.8	28.2	28.5	---	---	---
14	27.4	23.3	25.7	28.9	28.5	28.6	28.8	28.2	28.5	---	---	---
15	28.7	26.4	27.6	28.8	28.1	28.4	30.0	28.2	28.9	---	---	---
16	29.7	26.6	28.4	29.1	28.2	28.4	29.6	28.5	28.9	---	---	---
17	29.0	28.1	28.5	29.7	28.6	29.0	30.4	28.7	29.6	---	---	---
18	28.3	27.4	27.8	30.7	28.8	29.8	29.5	28.7	29.1	---	---	---
19	27.4	26.7	27.2	30.7	29.7	30.1	29.6	29.2	29.4	---	---	---
20	26.7	25.4	25.9	31.2	29.9	30.4	29.4	29.2	29.4	26.4	25.8	26.0
21	25.4	24.4	24.8	30.9	30.1	30.4	29.4	29.2	29.3	27.0	25.9	26.3
22	25.9	24.8	25.2	30.8	30.1	30.4	30.3	29.1	29.5	26.3	26.0	26.1
23	26.0	25.1	25.5	30.8	29.6	30.1	29.8	29.0	29.3	26.2	26.1	26.2
24	26.1	25.4	25.6	30.4	30.0	30.2	29.6	29.2	29.4	27.1	26.1	26.3
25	25.8	25.4	25.6	30.1	29.8	30.0	29.5	29.2	29.4	26.6	26.3	26.4
26	26.3	25.5	26.0	30.1	29.6	29.8	29.2	28.9	29.1	26.8	26.2	26.5
27	27.0	25.9	26.2	29.8	29.4	29.6	29.1	28.8	29.0	26.7	26.2	26.5
28	27.2	26.4	26.9	29.8	29.4	29.5	28.9	28.6	28.8	26.6	25.8	26.1
29	27.1	26.6	26.9	29.9	29.4	29.6	28.7	28.4	28.6	26.2	25.7	25.9
30	26.7	26.2	26.4	29.7	29.4	29.5	28.7	28.5	28.6	26.1	24.8	25.3
31	---	---	---	29.5	29.2	29.4	29.5	28.4	28.7	---	---	---
MONTH	29.7	21.1	24.6	31.2	26.0	29.1	30.4	28.2	28.9	---	---	---

PAMLICO RIVER BASIN

0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	6.9	5.1	6.2	7.8	4.6	6.4	9.5	8.5	9.1	---	---	---
2	6.8	5.7	6.3	7.8	5.6	6.3	9.6	8.9	9.1	---	---	---
3	6.9	5.6	6.3	8.1	5.6	7.2	9.7	8.8	9.5	---	---	---
4	6.8	6.0	6.5	8.1	7.5	7.8	9.9	9.2	9.5	---	---	---
5	7.7	5.8	7.0	8.4	7.7	8.0	9.5	8.8	9.1	---	---	---
6	7.8	7.1	7.4	8.6	7.9	8.2	9.1	8.3	8.7	---	---	---
7	8.2	7.1	7.5	8.9	7.8	8.4	9.8	8.0	9.0	---	---	---
8	8.0	7.3	7.7	8.8	8.0	8.5	9.6	8.9	9.3	---	---	---
9	8.0	6.9	7.4	9.0	8.4	8.8	9.3	8.9	9.1	---	---	---
10	8.4	6.8	7.3	9.2	8.6	9.0	9.4	8.6	9.2	---	---	---
11	8.4	6.6	7.8	9.0	8.4	8.8	9.4	9.2	9.3	---	---	---
12	8.0	7.4	7.6	8.9	7.4	8.3	9.8	9.3	9.5	---	---	---
13	7.9	6.8	7.4	9.0	7.3	8.5	10.0	9.6	9.8	---	---	---
14	7.9	7.4	7.6	9.2	8.6	8.9	10.4	9.8	10.0	---	---	---
15	8.1	7.1	7.7	9.2	8.6	8.9	10.8	9.9	10.4	---	---	---
16	9.0	8.0	8.3	9.3	8.9	9.0	10.6	10.2	10.4	---	---	---
17	9.0	7.7	8.5	9.2	7.6	8.7	10.7	10.0	10.3	---	---	---
18	9.2	7.5	8.7	8.8	8.3	8.5	10.9	10.0	10.4	---	---	---
19	9.1	7.9	8.2	8.4	7.7	8.1	---	---	---	---	---	---
20	8.2	7.7	7.9	8.1	7.5	7.8	---	---	---	---	---	---
21	7.8	7.5	7.6	8.3	7.1	7.5	---	---	---	---	---	---
22	8.0	7.3	7.7	7.4	6.7	7.0	---	---	---	---	---	---
23	8.3	7.8	8.0	7.4	6.6	6.8	---	---	---	---	---	---
24	8.4	8.0	8.2	7.1	5.5	6.4	---	---	---	---	---	---
25	8.3	7.5	8.0	8.6	5.7	7.4	---	---	---	---	---	---
26	8.7	8.1	8.4	9.3	8.4	8.8	---	---	---	---	---	---
27	8.5	7.8	8.0	9.2	8.4	9.0	---	---	---	12.2	11.7	12.0
28	8.0	7.6	7.8	9.2	8.7	9.0	---	---	---	12.4	12.0	12.2
29	7.9	6.8	7.4	9.4	9.0	9.2	---	---	---	12.4	12.1	12.3
30	8.3	6.0	6.8	9.2	8.5	8.9	---	---	---	12.4	12.0	12.2
31	8.1	5.4	7.3	---	---	---	---	---	---	12.4	12.1	12.3
MONTH	9.2	5.1	7.6	9.4	4.6	8.1	---	---	---	---	---	---
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.3	11.7	12.1	10.1	9.9	10.1	9.8	7.7	9.2	8.4	7.9	8.2
2	12.2	11.5	11.8	10.4	10.1	10.3	9.3	8.8	9.0	8.1	6.8	7.5
3	11.9	11.3	11.7	10.9	10.3	10.5	9.4	8.9	9.1	8.3	6.7	7.8
4	12.0	11.6	11.8	10.8	10.2	10.6	9.6	8.9	9.3	---	---	---
5	12.1	11.3	11.8	11.0	10.3	10.7	9.5	8.7	9.1	---	---	---
6	11.7	11.2	11.5	10.9	9.8	10.5	8.7	7.3	8.0	---	---	---
7	11.6	11.3	11.5	10.9	9.8	10.4	9.2	6.3	7.9	---	---	---
8	11.4	10.8	11.1	10.5	9.8	10.1	8.9	7.8	8.3	---	---	---
9	11.3	10.2	10.8	10.8	9.7	10.2	8.7	7.8	8.4	---	---	---
10	11.8	10.1	10.9	11.1	9.9	10.5	9.0	8.5	8.7	---	---	---
11	11.3	11.0	11.1	11.1	10.5	10.8	9.2	8.2	8.6	---	---	---
12	11.3	10.9	11.1	10.8	10.4	10.6	8.9	7.8	8.3	6.4	5.2	5.8
13	11.2	10.6	11.0	10.8	10.0	10.4	9.1	8.6	8.9	6.8	4.4	5.0
14	11.1	10.2	10.8	10.8	10.3	10.6	9.6	9.0	9.3	6.6	3.8	5.1
15	10.8	9.9	10.4	10.7	9.6	10.2	9.9	9.4	9.7	7.2	3.4	5.0
16	10.8	9.9	10.2	10.8	9.5	10.1	10.3	9.8	10.1	7.4	4.5	6.3
17	10.9	10.0	10.6	10.9	10.6	10.7	10.4	9.6	10.1	7.5	4.4	6.3
18	10.9	10.2	10.7	11.1	10.0	10.8	10.1	9.2	9.6	7.6	5.1	6.3
19	10.7	10.2	10.5	10.9	10.0	10.4	10.1	8.2	9.1	7.5	5.0	5.9
20	10.6	9.9	10.3	10.8	9.4	10.1	9.5	6.9	8.1	---	---	---
21	10.5	9.2	10.1	10.9	8.8	9.9	9.2	6.0	7.5	---	---	---
22	10.4	9.4	9.9	10.4	8.8	9.3	9.1	6.4	8.0	---	---	---
23	10.1	9.0	9.4	10.6	9.3	10.2	9.1	8.1	8.4	---	---	---
24	10.2	9.2	9.9	10.2	9.7	9.9	8.7	8.0	8.3	---	---	---
25	10.3	9.7	10.0	10.2	9.1	9.6	8.9	8.1	8.5	---	---	---
26	10.1	9.5	9.7	10.2	8.6	9.6	8.9	8.2	8.6	---	---	---
27	10.3	9.2	9.6	9.9	8.5	9.2	9.0	8.0	8.5	7.9	6.6	7.2
28	10.3	10.0	10.2	9.8	7.9	9.2	8.8	8.2	8.5	8.0	6.3	7.2
29	---	---	---	9.9	9.4	9.6	9.1	7.4	8.3	7.9	5.9	6.7
30	---	---	---	9.8	8.5	9.3	8.7	8.2	8.4	7.6	5.3	6.8
31	---	---	---	10.0	8.2	9.3	---	---	---	7.6	6.5	7.2
MONTH	12.3	9.0	10.7	11.1	7.9	10.1	10.4	6.0	8.7	---	---	---

0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.3	4.1	6.5	---	---	---	2.5	0.1	1.0	7.0	2.2	5.5
2	7.6	4.2	7.1	---	---	---	1.6	0.2	0.5	4.5	0.2	1.5
3	7.3	4.6	6.5	---	---	---	0.7	0.1	0.4	5.9	0.0	2.5
4	6.5	3.8	4.9	---	---	---	0.3	0.0	0.1	6.4	0.3	4.5
5	5.0	3.2	3.9	---	---	---	0.4	0.1	0.1	6.9	5.6	6.2
6	3.7	2.6	3.2	---	---	---	0.9	0.1	0.2	6.9	5.8	6.4
7	3.1	1.1	2.0	---	---	---	0.9	0.2	0.3	6.8	5.9	6.3
8	2.8	0.5	1.4	6.2	2.8	5.5	1.3	0.1	0.2	6.5	4.9	5.9
9	1.0	0.1	0.5	6.0	3.7	5.0	0.5	0.1	0.1	5.7	3.7	4.4
10	3.1	0.1	0.7	5.4	3.0	4.1	0.8	0.0	0.1	6.3	4.1	5.5
11	2.7	0.2	1.2	5.4	2.6	3.8	1.6	0.0	0.2	---	---	---
12	4.6	0.1	0.9	5.8	1.8	4.3	1.4	0.0	0.2	---	---	---
13	6.0	0.5	3.2	5.6	4.7	5.3	0.9	0.0	0.1	---	---	---
14	6.1	0.1	3.8	5.4	3.9	4.9	0.3	0.0	0.0	---	---	---
15	6.1	3.5	5.0	5.4	4.7	5.0	2.4	0.0	0.6	---	---	---
16	6.2	3.0	4.9	5.4	4.3	5.0	2.2	0.0	0.5	---	---	---
17	5.9	4.0	5.3	6.1	3.6	5.1	5.2	0.1	2.9	---	---	---
18	4.8	2.0	3.7	6.3	3.6	5.3	4.9	0.1	1.4	---	---	---
19	5.8	1.6	3.1	6.4	5.0	5.9	2.4	0.2	0.9	---	---	---
20	6.5	5.1	6.0	5.9	4.8	5.5	1.2	0.0	0.3	4.0	1.9	3.0
21	6.5	5.6	6.1	5.6	3.8	4.9	0.2	0.0	0.0	6.2	1.5	3.1
22	6.7	5.8	6.3	5.1	3.0	4.3	5.0	0.0	1.5	4.6	0.8	2.0
23	6.8	5.0	5.8	4.8	3.1	4.0	1.5	0.0	0.2	3.2	0.4	1.4
24	6.3	3.2	4.2	4.0	2.9	3.6	3.0	0.0	0.5	5.0	0.3	1.2
25	4.7	2.9	3.6	3.0	1.9	2.5	0.8	0.0	0.2	5.0	0.5	2.4
26	---	---	---	2.4	1.2	1.9	0.4	0.0	0.1	6.0	1.0	2.9
27	---	---	---	1.7	0.2	0.9	0.2	0.0	0.0	6.0	4.6	5.4
28	---	---	---	1.9	0.2	1.0	0.1	0.0	0.0	6.0	4.7	5.4
29	---	---	---	3.2	0.1	0.6	0.2	0.0	0.0	6.3	4.4	5.3
30	---	---	---	2.9	0.2	0.6	0.1	0.0	0.0	6.6	5.7	6.3
31	---	---	---	1.6	0.1	0.6	7.8	0.0	1.8	---	---	---
MONTH	---	---	---	---	---	---	7.8	0.0	0.5	---	---	---

0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	82	60	74	82	48	67	90	80	86	---	---	---
2	81	68	75	83	59	67	89	83	85	---	---	---
3	83	67	75	89	60	78	91	82	88	---	---	---
4	81	72	78	88	81	85	90	85	88	---	---	---
5	91	69	83	90	82	85	87	81	83	---	---	---
6	91	82	86	91	84	86	84	77	80	---	---	---
7	94	81	86	93	81	87	92	74	84	---	---	---
8	91	83	88	91	83	88	90	84	88	---	---	---
9	91	78	84	91	85	88	89	84	86	---	---	---
10	97	77	84	91	85	88	92	82	89	---	---	---
11	95	76	88	88	82	86	93	90	91	---	---	---
12	91	83	86	88	73	82	93	90	91	---	---	---
13	89	76	83	88	72	84	93	90	92	---	---	---
14	89	83	85	88	82	85	94	89	91	---	---	---
15	90	80	86	86	81	84	94	88	91	---	---	---
16	98	87	90	86	82	83	93	90	91	---	---	---
17	96	82	91	85	71	80	92	87	90	---	---	---
18	98	80	93	81	77	79	93	87	90	---	---	---
19	97	84	88	78	72	75	---	---	---	---	---	---
20	89	84	86	76	71	73	---	---	---	---	---	---
21	86	82	83	78	67	71	---	---	---	---	---	---
22	86	80	84	70	64	67	---	---	---	---	---	---
23	88	82	85	70	63	65	---	---	---	---	---	---
24	88	84	86	69	53	61	---	---	---	---	---	---
25	86	78	83	85	55	72	---	---	---	---	---	---
26	90	83	86	88	82	85	---	---	---	---	---	---
27	87	80	82	87	79	85	---	---	---	93	88	90
28	82	78	80	88	82	86	---	---	---	91	88	90
29	82	70	77	89	85	87	---	---	---	90	88	89
30	87	62	70	87	80	84	---	---	---	92	88	90
31	85	57	76	---	---	---	---	---	---	93	90	91
MONTH	98	57	83	93	48	80	---	---	---	---	---	---
	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	92	88	91	87	84	86	98	76	91	89	84	87
2	92	86	89	87	84	86	95	89	91	86	72	79
3	90	85	88	90	85	87	92	88	90	88	71	83
4	92	88	90	89	84	87	96	87	91	---	---	---
5	93	87	91	93	85	89	95	86	91	---	---	---
6	90	86	89	93	82	88	86	72	79	---	---	---
7	90	88	89	93	82	89	96	63	80	---	---	---
8	89	84	87	91	85	88	93	81	86	---	---	---
9	88	80	84	94	83	86	89	81	87	---	---	---
10	99	79	88	97	83	90	92	85	88	---	---	---
11	94	90	91	97	90	94	94	83	88	---	---	---
12	92	88	90	94	91	92	89	79	84	67	54	61
13	92	86	89	96	88	92	90	86	88	73	46	53
14	91	83	88	95	91	93	94	87	90	71	41	54
15	89	80	85	94	85	90	94	89	92	81	36	54
16	92	81	84	94	84	89	96	91	93	83	49	70
17	94	84	91	93	91	92	95	89	92	84	48	70
18	95	89	93	95	85	92	94	85	89	85	57	71
19	93	87	90	94	85	89	96	76	85	85	56	66
20	90	84	87	93	80	86	91	64	76	---	---	---
21	91	79	86	96	76	85	91	57	72	---	---	---
22	90	81	86	92	76	81	96	61	80	---	---	---
23	88	78	81	97	82	93	96	85	89	---	---	---
24	89	80	86	96	89	92	90	83	86	---	---	---
25	88	83	86	96	85	90	90	81	86	---	---	---
26	86	81	83	96	81	89	90	83	87	---	---	---
27	87	79	82	93	80	87	92	81	87	90	73	80
28	88	85	86	95	74	88	90	83	86	90	71	81
29	---	---	---	97	90	93	94	75	85	93	67	77
30	---	---	---	96	83	91	92	85	88	89	61	79
31	---	---	---	100	80	92	---	---	---	89	76	84
MONTH	99	78	88	100	74	89	98	57	87	---	---	---

0208455560 PUNGO RIVER AT CHANNEL LIGHT 18—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	85	47	75	---	---	---	32	1	14	92	28	71
2	86	48	80	---	---	---	21	3	7	58	3	20
3	83	52	74	---	---	---	9	1	5	77	0	33
4	74	43	56	---	---	---	4	0	1	83	4	59
5	57	36	44	---	---	---	5	1	2	87	71	79
6	42	29	36	---	---	---	12	1	3	86	72	79
7	35	12	22	---	---	---	12	3	4	84	73	77
8	32	6	16	82	36	73	17	1	3	80	60	72
9	12	1	6	79	48	65	6	1	1	70	45	54
10	37	1	8	71	39	54	10	0	1	77	50	67
11	32	2	15	72	34	50	21	0	3	---	---	---
12	57	1	10	77	24	57	18	0	3	---	---	---
13	74	6	39	74	62	70	12	0	2	---	---	---
14	77	1	48	70	50	64	4	0	0	---	---	---
15	79	44	63	70	61	65	32	0	7	---	---	---
16	82	38	64	71	56	65	29	0	6	---	---	---
17	76	52	68	80	47	67	70	1	38	---	---	---
18	62	25	47	85	47	71	64	1	18	---	---	---
19	73	20	39	86	66	78	32	3	11	---	---	---
20	80	64	75	80	64	74	16	0	3	49	23	37
21	80	67	74	76	51	65	3	0	0	78	19	39
22	83	71	77	68	40	58	67	0	20	57	10	24
23	84	62	72	64	41	53	20	0	3	40	5	18
24	78	39	51	53	39	48	39	0	6	63	4	15
25	58	36	44	40	25	33	10	0	3	63	6	30
26	---	---	---	32	16	25	5	0	2	75	12	37
27	---	---	---	22	3	11	3	0	0	75	57	67
28	---	---	---	25	3	13	1	0	0	75	58	67
29	---	---	---	42	1	8	3	0	0	78	54	65
30	---	---	---	38	3	8	1	0	0	80	70	76
31	---	---	---	21	1	8	102	0	23	---	---	---
MONTH	---	---	---	---	---	---	102	0	6	---	---	---