

## 02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1962 to 1967, 1999 to current year.

PERIOD OF DAILY RECORD.--

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

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

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

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

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

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

REMARKS.--Station operated in cooperation with the North Carolina Department of Environment and Natural Resources. Top constituents were monitored at 8 ft above the streambed and bottom constituents, 2 ft above the streambed. Salinity and dissolved oxygen, percent saturation are computed. The 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 of Hg beginning October 1, 2000. Salinity, minimum extremes are reported as <0.1 ppt. Dissolved oxygen, minimum extremes are reported as <1.0 mg/L. Dissolved oxygen, percent saturation, minimum extremes are reported as <10%. Daily records of salinity and water temperature for October 1961 to September 1967 are available in the files of the USGS District Office, Raleigh, NC.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY (TOP), ppt	14.4, January 3, 2002	<0.1, on many days during the period
SALINITY (BOTTOM), ppt	15.1, October 24, 2002	<0.1, on many days during the period
pH (TOP), standard units	9.1, July 19, 20, 1999	5.4, August 19, 2001
pH (BOTTOM), standard units	8.8, July 2, 3, 4, 1999	5.3, September 11, 12, 13, 1999
WATER TEMPERATURE (TOP), °C	34.1, July 31, 1999	0.4, January 24, 2003
WATER TEMPERATURE (BOTTOM), °C	32.6, July 31, 1999	0.5, January 24, 2003
DISSOLVED OXYGEN (TOP), mg/L	15.3, November 22, 2001	<1.0 on many days during the period
DISSOLVED OXYGEN (BOTTOM), mg/L	13.1, February 4, 2004	<1.0, on many days during the period

EXTREMES FOR CURRENT YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY (TOP), ppt	9.8, July 16	<0.1, on many days during the year
SALINITY (BOTTOM), ppt	11.5, July 16, 17	<0.1, on many days during the year
pH (TOP), standard units	8.7, July 30	6.1, August 18
pH (BOTTOM), standard units	8.6, July 30	5.9, August 19
WATER TEMPERATURE (TOP), °C	32.5, July 14	2.0, January 29
WATER TEMPERATURE (BOTTOM), °C	30.5, July 12	1.9, January 29
DISSOLVED OXYGEN (TOP), mg/L	13.4, February 3	<1.0, on several days during the year
DISSOLVED OXYGEN (BOTTOM), mg/L	13.1, February 4	<1.0, on many days during the year
DISSOLVED OXYGEN, PERCENT SATURATION (TOP),%	149, July 7	<10, July 11, 16, 17, 25
DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM),%	130, July 30	<10, on many days during the year

## 02084472 PAMLICO RIVER AT WASHINGTON, NC—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
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	0.04	0.03	0.04	0.04	0.03	0.04	0.05	0.05	0.05	0.04	0.04	0.04
2	0.04	0.04	0.04	0.04	0.03	0.04	0.05	0.05	0.05	0.04	0.04	0.04
3	0.04	0.04	0.04	0.04	0.03	0.04	0.05	0.05	0.05	0.04	0.04	0.04
4	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.04	0.04
5	0.05	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.08	0.04	0.05
6	0.05	0.04	0.04	0.04	0.04	0.04	0.06	0.05	0.05	0.31	0.04	0.09
7	0.05	0.04	0.05	0.04	0.04	0.04	0.05	0.05	0.05	0.71	0.04	0.20
8	0.05	0.04	0.05	0.04	0.04	0.04	0.05	0.05	0.05	0.23	0.05	0.11
9	0.05	0.05	0.05	0.04	0.04	0.04	0.05	0.05	0.05	0.71	0.05	0.11
10	---	---	---	0.05	0.04	0.05	0.05	0.04	0.05	5.5	0.05	0.61
11	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	5.3	0.15	0.78
12	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	1.4	0.07	0.39
13	0.10	0.05	0.06	0.05	0.05	0.05	0.04	0.04	0.04	0.43	0.05	0.15
14	0.06	0.05	0.05	0.05	0.05	0.05	0.04	0.03	0.04	1.2	0.04	0.27
15	0.06	0.05	0.05	0.05	0.05	0.05	0.03	0.03	0.03	0.55	0.04	0.14
16	0.06	0.05	0.05	0.05	0.05	0.05	0.03	0.03	0.03	0.17	0.04	0.05
17	0.06	0.05	0.05	0.05	0.05	0.05	0.03	0.03	0.03	0.05	0.04	0.04
18	0.05	0.05	0.05	0.05	0.05	0.05	0.03	0.03	0.03	0.05	0.04	0.04
19	0.05	0.05	0.05	0.06	0.05	0.05	0.03	0.03	0.03	0.08	0.04	0.05
20	0.05	0.05	0.05	0.05	0.05	0.05	0.03	0.03	0.03	0.05	0.04	0.04
21	0.05	0.05	0.05	0.05	0.05	0.05	0.03	0.03	0.03	0.06	0.04	0.05
22	0.05	0.05	0.05	0.05	0.05	0.05	0.03	0.03	0.03	0.09	0.04	0.05
23	0.05	0.05	0.05	0.05	0.05	0.05	0.03	0.03	0.03	0.45	0.04	0.10
24	0.06	0.05	0.05	0.05	0.04	0.05	0.03	0.03	0.03	---	---	---
25	0.06	0.05	0.05	0.05	0.04	0.04	0.04	0.03	0.03	0.61	0.04	0.12
26	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.03	0.03	0.07	0.04	0.04
27	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.03	0.04	1.3	0.04	0.13
28	0.06	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.07	0.04	0.05
29	0.05	0.04	0.05	0.05	0.04	0.05	0.04	0.04	0.04	0.07	0.05	0.05
30	0.04	0.03	0.04	0.05	0.05	0.05	0.08	0.04	0.04	0.08	0.04	0.05
31	0.04	0.03	0.04	---	---	---	0.04	0.04	0.04	0.10	0.04	0.05
MONTH	---	---	---	0.06	0.03	0.05	0.08	0.03	0.04	---	---	---
	FEBRUARY			MARCH			APRIL			MAY		
1	0.05	0.04	0.05	0.04	0.04	0.04	0.05	0.04	0.05	0.05	0.05	0.05
2	0.05	0.04	0.05	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05
3	0.05	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.04	0.05
4	0.05	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.04	0.04
5	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.04	0.05	0.04	0.04	0.04
6	0.04	0.04	0.04	0.05	0.04	0.04	0.05	0.04	0.05	0.04	0.04	0.04
7	0.05	0.04	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
8	0.04	0.04	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
9	0.04	0.04	0.04	0.05	0.04	0.04	0.05	0.04	0.04	0.04	0.04	0.04
10	0.04	0.04	0.04	0.05	0.04	0.04	0.05	0.04	0.05	0.04	0.04	0.04
11	0.04	0.03	0.03	0.05	0.04	0.05	0.05	0.04	0.05	0.04	0.04	0.04
12	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.04	0.04	0.04
13	0.04	0.03	0.03	0.05	0.04	0.04	0.05	0.05	0.05	0.04	0.04	0.04
14	0.04	0.03	0.03	0.05	0.04	0.04	0.05	0.05	0.05	0.05	0.04	0.04
15	0.04	0.03	0.04	0.05	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05
16	0.04	0.03	0.04	0.05	0.04	0.04	---	---	---	0.05	0.05	0.05
17	0.04	0.04	0.04	0.05	0.04	0.05	---	---	---	0.05	0.05	0.05
18	0.04	0.04	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
19	0.04	0.04	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
20	0.04	0.04	0.04	0.05	0.04	0.04	---	---	---	0.05	0.05	0.05
21	0.04	0.04	0.04	0.04	0.04	0.04	---	---	---	0.05	0.05	0.05
22	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.06	0.05	0.05
23	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
24	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.04	0.05
25	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
26	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.04	0.04	0.04	0.04	0.04
27	0.04	0.04	0.04	0.05	0.04	0.04	0.05	0.04	0.05	0.21	0.04	0.06
28	0.04	0.04	0.04	0.05	0.04	0.04	0.05	0.05	0.05	0.55	0.04	0.13
29	0.04	0.04	0.04	0.05	0.04	0.04	0.05	0.05	0.05	0.61	0.19	0.44
30	---	---	---	0.05	0.04	0.04	0.05	0.05	0.05	0.61	0.08	0.29
31	---	---	---	0.05	0.04	0.04	---	---	---	0.20	0.06	0.08
MONTH	0.05	0.03	0.04	0.05	0.04	0.04	---	---	---	0.61	0.04	0.07

## PAMLICO RIVER BASIN

02084472 PAMLICO RIVER AT WASHINGTON, NC—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	0.42	0.06	0.09	0.06	0.05	0.05	0.30	0.07	0.14	0.04	0.04	0.04
2	0.52	0.08	0.23	0.06	0.05	0.05	0.13	0.05	0.08	0.04	0.03	0.04
3	0.43	0.05	0.23	0.05	0.05	0.05	0.39	0.04	0.08	0.03	0.03	0.03
4	0.42	0.05	0.21	0.05	0.05	0.05	0.19	0.04	0.07	0.03	0.03	0.03
5	0.07	0.05	0.06	0.05	0.04	0.05	0.31	0.04	0.06	0.03	0.03	0.03
6	0.12	0.05	0.07	0.81	0.05	0.15	1.7	0.04	0.27	---	---	---
7	0.06	0.06	0.06	0.70	0.05	0.18	0.22	0.03	0.04	---	---	---
8	0.06	0.05	0.06	1.0	0.05	0.44	0.04	0.03	0.03	0.03	0.03	0.03
9	0.05	0.05	0.05	0.93	0.05	0.32	0.03	0.03	0.03	0.04	0.03	0.03
10	0.05	0.05	0.05	5.8	0.13	1.7	0.04	0.03	0.03	0.03	0.03	0.03
11	0.05	0.05	0.05	5.7	1.0	3.6	0.04	0.03	0.04	0.03	0.03	0.03
12	0.09	0.05	0.06	3.5	1.2	2.0	0.10	0.04	0.04	0.03	0.03	0.03
13	0.07	0.05	0.06	2.6	0.36	1.1	0.08	0.04	0.05	0.03	0.03	0.03
14	0.06	0.05	0.05	3.0	0.47	1.3	0.06	0.04	0.05	0.03	0.03	0.03
15	0.05	0.05	0.05	6.4	0.65	2.7	0.05	0.03	0.04	0.03	0.03	0.03
16	0.05	0.05	0.05	9.8	2.6	6.1	0.04	0.03	0.03	0.03	0.03	0.03
17	0.05	0.05	0.05	9.0	3.0	5.7	0.03	0.03	0.03	0.03	0.03	0.03
18	0.05	0.05	0.05	5.4	3.2	4.3	0.03	0.03	0.03	0.04	0.03	0.04
19	0.05	0.05	0.05	5.4	2.8	4.4	---	---	---	0.04	0.04	0.04
20	0.64	0.05	0.14	6.1	2.3	4.1	---	---	---	0.04	0.04	0.04
21	0.26	0.06	0.11	5.0	1.9	3.6	0.03	0.03	0.03	0.04	0.04	0.04
22	0.08	0.06	0.06	4.0	1.4	2.6	0.03	0.03	0.03	0.04	0.04	0.04
23	0.14	0.05	0.07	2.4	0.38	1.3	0.03	0.03	0.03	0.04	0.04	0.04
24	0.21	0.06	0.10	1.3	0.22	0.51	0.03	0.03	0.03	0.04	0.04	0.04
25	0.36	0.06	0.12	6.2	0.41	4.0	0.03	0.03	0.03	0.04	0.04	0.04
26	0.24	0.06	0.10	5.5	0.97	2.7	---	---	---	0.04	0.04	0.04
27	0.28	0.06	0.12	2.5	0.97	1.6	---	---	---	0.04	0.04	0.04
28	0.15	0.06	0.06	1.8	0.81	1.2	0.04	0.04	0.04	0.04	0.04	0.04
29	0.17	0.06	0.09	2.1	0.77	1.5	0.04	0.04	0.04	0.04	0.04	0.04
30	0.07	0.06	0.06	2.2	0.55	1.5	0.04	0.04	0.04	0.04	0.04	0.04
31	---	---	---	1.4	0.09	0.90	0.04	0.04	0.04	---	---	---
MONTH	0.64	0.05	0.09	9.8	0.04	1.9	---	---	---	---	---	---

## 02084472 PAMLICO RIVER AT WASHINGTON, NC—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	0.04	0.03	0.04	0.04	0.04	0.04	0.05	0.04	0.05	0.04	0.04	0.04
2	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.04	0.04	0.04
3	0.04	0.04	0.04	0.04	0.03	0.04	0.05	0.05	0.05	0.04	0.04	0.04
4	0.04	0.04	0.04	0.04	0.03	0.04	0.05	0.05	0.05	3.7	0.04	1.2
5	0.05	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	4.2	0.10	1.3
6	0.05	0.04	0.04	0.04	0.04	0.04	0.06	0.05	0.05	3.9	0.04	1.0
7	0.05	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	5.0	0.04	2.5
8	0.05	0.04	0.05	0.04	0.04	0.04	0.05	0.04	0.05	4.2	1.5	3.4
9	0.05	0.05	0.05	0.04	0.04	0.04	0.05	0.04	0.04	5.6	2.2	4.4
10	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04	7.3	4.9	6.3
11	0.05	0.05	0.05	0.05	0.04	0.05	0.04	0.04	0.04	7.4	6.5	7.2
12	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	7.3	0.89	5.3
13	0.12	0.05	0.06	0.05	0.05	0.05	0.04	0.04	0.04	5.4	0.43	3.0
14	0.06	0.05	0.05	0.05	0.05	0.05	0.04	0.03	0.04	4.2	0.07	1.9
15	0.06	0.05	0.05	0.05	0.05	0.05	0.03	0.03	0.03	1.0	0.04	0.29
16	0.06	0.05	0.05	0.05	0.05	0.05	0.03	0.03	0.03	0.16	0.04	0.05
17	0.06	0.05	0.05	0.05	0.05	0.05	0.03	0.03	0.03	0.05	0.04	0.04
18	0.05	0.05	0.05	0.05	0.05	0.05	0.03	0.03	0.03	0.04	0.04	0.04
19	0.06	0.05	0.05	0.05	0.05	0.05	0.03	0.03	0.03	0.09	0.04	0.05
20	0.05	0.05	0.05	0.05	0.05	0.05	0.03	0.03	0.03	0.40	0.04	0.04
21	0.05	0.05	0.05	0.06	0.05	0.05	0.03	0.03	0.03	2.4	0.04	0.79
22	0.05	0.05	0.05	0.05	0.05	0.05	0.03	0.03	0.03	2.4	0.04	0.96
23	0.06	0.05	0.05	0.05	0.05	0.05	0.03	0.03	0.03	2.4	0.04	0.82
24	0.06	0.05	0.05	0.05	0.04	0.05	0.03	0.03	0.03	---	---	---
25	0.06	0.05	0.05	0.05	0.04	0.04	0.04	0.03	0.03	2.2	0.08	0.77
26	0.05	0.05	0.05	0.04	0.04	0.04	0.03	0.03	0.03	0.93	0.04	0.11
27	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.03	0.03	2.2	0.04	0.89
28	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.03	0.03	0.07	0.04	0.05
29	0.05	0.04	0.05	0.05	0.04	0.05	0.04	0.03	0.04	0.22	0.04	0.06
30	0.04	0.03	0.04	0.05	0.04	0.05	0.43	0.03	0.07	0.63	0.04	0.07
31	0.04	0.04	0.04	---	---	---	0.11	0.04	0.04	0.35	0.04	0.06
MONTH	0.12	0.03	0.05	0.06	0.03	0.05	0.43	0.03	0.04	---	---	---
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	0.05	0.04	0.05	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05
2	0.05	0.04	0.05	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05
3	0.05	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05
4	0.05	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.04	0.04
5	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.04	0.04	0.04
6	0.04	0.04	0.04	0.05	0.04	0.04	0.05	0.04	0.05	0.04	0.03	0.04
7	0.04	0.04	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.04
8	0.04	0.04	0.04	0.05	0.04	0.04	0.05	0.04	0.04	0.04	0.03	0.04
9	0.04	0.04	0.04	0.05	0.04	0.05	0.05	0.04	0.04	0.04	0.03	0.04
10	0.04	0.04	0.04	0.05	0.04	0.04	0.05	0.04	0.05	0.04	0.04	0.04
11	0.04	0.03	0.03	0.05	0.04	0.04	0.05	0.04	0.05	0.04	0.04	0.04
12	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.04	0.04	0.04
13	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.04	0.04
14	0.03	0.03	0.03	0.05	0.04	0.04	0.05	0.05	0.05	0.05	0.04	0.05
15	0.04	0.03	0.03	0.05	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05
16	0.04	0.03	0.04	0.05	0.04	0.04	---	---	---	0.05	0.05	0.05
17	0.04	0.04	0.04	0.05	0.04	0.04	---	---	---	0.05	0.05	0.05
18	0.04	0.04	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
19	0.04	0.04	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
20	0.04	0.04	0.04	0.04	0.04	0.04	---	---	---	0.05	0.05	0.05
21	0.04	0.04	0.04	0.04	0.04	0.04	---	---	---	0.05	0.05	0.05
22	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.06	0.05	0.05
23	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.06	0.05	0.05
24	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.04	0.04	0.05	0.04	0.05
25	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.04	0.04	0.04	0.04	0.04
26	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.04	0.05	0.04	0.04	0.04
27	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.98	0.04	0.19
28	0.04	0.04	0.04	0.05	0.04	0.04	0.05	0.05	0.05	1.9	0.04	0.52
29	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	1.4	0.35	0.61
30	---	---	---	0.05	0.04	0.04	0.05	0.05	0.05	0.68	0.15	0.34
31	---	---	---	0.05	0.04	0.05	---	---	---	0.23	0.06	0.10
MONTH	0.05	0.03	0.04	0.05	0.04	0.04	---	---	---	1.9	0.03	0.09

## PAMLICO RIVER BASIN

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	1.2	0.06	0.35	0.06	0.05	0.05	0.38	0.06	0.17	0.04	0.04	0.04
2	1.2	0.08	0.56	0.05	0.05	0.05	0.13	0.05	0.08	0.04	0.03	0.04
3	0.91	0.06	0.49	0.05	0.04	0.05	0.62	0.04	0.09	0.03	0.03	0.03
4	0.50	0.05	0.24	0.05	0.05	0.05	2.8	0.04	0.50	0.03	0.03	0.03
5	0.07	0.05	0.06	0.05	0.04	0.05	4.1	0.04	0.50	0.03	0.03	0.03
6	0.14	0.06	0.07	2.1	0.05	0.45	4.3	0.04	1.3	---	---	---
7	0.06	0.06	0.06	3.7	0.05	2.3	4.5	0.03	1.5	---	---	---
8	0.06	0.06	0.06	2.9	0.07	1.2	1.1	0.03	0.11	0.03	0.03	0.03
9	0.06	0.05	0.05	5.0	0.05	2.3	0.61	0.03	0.05	0.03	0.03	0.03
10	0.05	0.05	0.05	7.3	4.8	6.3	0.44	0.03	0.04	0.03	0.03	0.03
11	0.05	0.05	0.05	8.3	6.7	7.9	0.04	0.03	0.04	0.03	0.03	0.03
12	0.09	0.05	0.06	8.2	2.5	6.8	0.04	0.04	0.04	0.03	0.03	0.03
13	0.07	0.05	0.06	5.6	3.1	4.7	0.08	0.04	0.05	0.03	0.03	0.03
14	0.06	0.05	0.05	8.5	4.5	6.5	0.06	0.04	0.05	0.03	0.03	0.03
15	0.05	0.05	0.05	10.4	7.3	8.8	0.05	0.02	0.03	0.03	0.03	0.03
16	0.06	0.05	0.05	11.5	10.2	11.0	0.03	0.03	0.03	0.03	0.03	0.03
17	0.05	0.05	0.05	11.5	9.9	11.2	0.03	0.03	0.03	0.03	0.03	0.03
18	0.05	0.05	0.05	11.2	4.3	8.1	0.03	0.03	0.03	0.04	0.03	0.04
19	0.05	0.05	0.05	7.6	3.8	6.0	---	---	---	0.04	0.04	0.04
20	0.97	0.05	0.23	7.6	3.9	6.2	---	---	---	0.04	0.04	0.04
21	0.28	0.05	0.10	7.0	2.7	5.0	0.03	0.03	0.03	0.04	0.04	0.04
22	0.09	0.06	0.06	7.5	3.4	6.0	0.03	0.03	0.03	0.04	0.04	0.04
23	0.49	0.06	0.13	6.4	1.8	4.0	0.03	0.03	0.03	0.04	0.04	0.04
24	0.69	0.06	0.16	7.1	0.34	3.7	0.03	0.03	0.03	0.04	0.03	0.04
25	1.0	0.06	0.36	8.1	7.1	7.9	0.03	0.03	0.03	0.04	0.03	0.04
26	0.42	0.06	0.14	8.1	7.0	7.7	---	---	---	0.04	0.04	0.04
27	0.30	0.06	0.14	7.6	4.9	6.8	---	---	---	0.04	0.04	0.04
28	0.16	0.06	0.07	6.8	1.8	5.2	0.04	0.04	0.04	0.04	0.04	0.04
29	0.20	0.06	0.09	3.5	1.1	2.1	0.04	0.04	0.04	0.04	0.04	0.04
30	0.07	0.06	0.06	2.4	1.1	1.8	0.04	0.04	0.04	0.04	0.04	0.04
31	---	---	---	2.1	0.10	1.2	0.04	0.04	0.04	---	---	---
MONTH	1.2	0.05	0.13	11.5	0.04	4.6	---	---	---	---	---	---

## 02084472 PAMLICO RIVER AT WASHINGTON, NC—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	6.3	6.3	6.3	6.4	6.3	6.4	7.0	6.9	6.9	6.9	6.8	6.8
2	6.4	6.3	6.4	6.6	6.4	6.5	7.0	6.9	6.9	6.9	6.8	6.8
3	6.5	6.4	6.4	6.6	6.4	6.6	7.0	6.8	6.8	6.9	6.8	6.9
4	6.6	6.4	6.5	6.6	6.4	6.5	6.9	6.8	6.8	6.9	6.8	6.9
5	6.6	6.5	6.5	6.5	6.4	6.5	7.0	6.7	6.8	7.0	6.8	6.9
6	6.6	6.5	6.6	6.5	6.4	6.5	7.0	6.8	6.9	7.0	6.9	6.9
7	6.6	6.5	6.6	6.5	6.4	6.5	7.0	6.9	6.9	7.0	6.8	6.9
8	6.6	6.6	6.6	6.6	6.4	6.5	6.9	6.8	6.8	6.9	6.8	6.8
9	6.7	6.6	6.6	6.6	6.5	6.6	6.9	6.8	6.8	6.9	6.7	6.8
10	6.7	6.6	6.7	6.6	6.6	6.6	6.9	6.8	6.9	7.1	6.7	6.9
11	6.8	6.7	6.7	6.6	6.5	6.6	7.0	6.8	7.0	7.0	6.8	6.9
12	6.8	6.7	6.7	6.7	6.6	6.7	6.9	6.7	6.7	7.0	6.8	6.9
13	6.8	6.6	6.7	7.0	6.7	6.8	6.7	6.4	6.6	7.0	6.9	6.9
14	6.8	6.6	6.7	7.1	6.9	7.0	6.6	6.3	6.6	7.0	6.8	6.9
15	7.0	6.6	6.7	7.0	6.9	7.0	6.6	6.3	6.4	7.0	6.8	6.9
16	6.8	6.7	6.8	6.9	6.9	6.9	6.4	6.3	6.3	6.9	6.8	6.9
17	6.8	6.7	6.7	6.9	6.8	6.9	6.4	6.3	6.4	6.9	6.8	6.8
18	6.8	6.7	6.8	6.9	6.8	6.8	6.6	6.3	6.5	6.9	6.8	6.9
19	6.8	6.8	6.8	7.2	6.9	7.0	6.6	6.6	6.6	6.9	6.8	6.9
20	6.9	6.8	6.8	7.0	6.8	7.0	6.6	6.6	6.6	7.0	6.8	6.9
21	6.9	6.8	6.8	7.0	6.8	6.9	6.6	6.6	6.6	6.9	6.8	6.9
22	7.0	6.8	6.9	6.9	6.7	6.8	6.6	6.6	6.6	7.0	6.8	6.9
23	7.1	6.9	7.0	6.9	6.7	6.9	6.6	6.6	6.6	7.0	6.7	6.9
24	7.3	6.9	7.1	6.9	6.7	6.8	6.6	6.6	6.6	---	---	---
25	7.2	6.9	7.0	6.9	6.8	6.8	6.6	6.6	6.6	7.1	6.9	7.0
26	7.0	6.9	6.9	6.9	6.7	6.8	6.7	6.6	6.6	7.1	6.9	7.0
27	7.0	6.8	6.9	6.8	6.7	6.8	6.8	6.7	6.7	7.0	6.9	7.0
28	7.0	6.9	6.9	6.9	6.7	6.8	6.8	6.6	6.7	7.0	6.7	6.9
29	6.9	6.7	6.8	7.1	6.8	6.9	6.8	6.7	6.8	7.0	6.8	6.9
30	6.8	6.4	6.5	7.1	6.9	7.0	6.9	6.7	6.8	6.8	6.8	6.8
31	6.4	6.3	6.4	---	---	---	6.9	6.7	6.8	6.9	6.8	6.8
MONTH	7.3	6.3	6.7	7.2	6.3	6.7	7.0	6.3	6.7	---	---	---
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.8	6.8	6.8	6.8	6.7	6.8	7.2	6.9	7.0	6.9	6.7	6.8
2	6.9	6.8	6.8	6.9	6.7	6.8	7.0	6.9	7.0	6.9	6.8	6.9
3	6.9	6.8	6.8	6.9	6.8	6.8	7.0	6.9	7.0	6.9	6.7	6.9
4	6.9	6.7	6.8	6.9	6.8	6.8	7.1	7.0	7.0	6.7	6.5	6.6
5	6.9	6.8	6.8	6.9	6.7	6.8	7.4	7.0	7.1	6.5	6.4	6.4
6	6.9	6.8	6.8	7.0	6.8	6.9	7.4	7.2	7.3	6.5	6.4	6.4
7	7.0	6.8	6.9	7.0	6.8	6.9	7.3	7.2	7.2	6.6	6.5	6.5
8	6.9	6.8	6.9	7.1	6.8	6.9	7.3	7.2	7.2	6.6	6.5	6.6
9	6.9	6.8	6.8	7.0	6.9	6.9	7.4	7.1	7.2	6.6	6.5	6.5
10	6.8	6.8	6.8	7.0	6.8	6.9	7.4	7.0	7.1	6.6	6.5	6.5
11	6.8	6.6	6.6	7.2	6.9	7.1	7.1	7.0	7.0	6.7	6.5	6.6
12	6.8	6.5	6.7	7.2	7.1	7.2	7.1	7.0	7.0	6.7	6.6	6.6
13	6.8	6.7	6.7	7.2	7.2	7.2	7.0	6.9	7.0	6.8	6.6	6.7
14	6.7	6.7	6.7	7.2	7.1	7.2	7.0	6.9	6.9	6.9	6.6	6.7
15	6.8	6.7	6.7	7.1	7.0	7.1	7.1	6.9	7.0	7.0	6.7	6.8
16	6.8	6.7	6.8	7.1	7.0	7.1	---	---	---	6.9	6.7	6.7
17	6.8	6.7	6.8	7.1	7.0	7.1	---	---	---	7.2	6.7	6.8
18	6.8	6.7	6.7	7.1	6.9	7.1	6.8	6.7	6.8	7.3	6.7	6.8
19	6.8	6.7	6.8	7.2	7.0	7.1	6.8	6.7	6.8	7.0	6.7	6.8
20	6.8	6.7	6.8	7.2	7.0	7.1	---	---	---	7.2	6.7	6.8
21	6.8	6.7	6.8	7.2	6.9	7.1	---	---	---	7.1	6.7	6.9
22	6.8	6.7	6.8	7.1	7.1	7.1	6.9	6.7	6.8	7.0	6.8	6.8
23	6.8	6.7	6.8	7.1	7.0	7.1	6.9	6.7	6.8	7.0	6.8	6.8
24	6.8	6.7	6.8	7.1	7.0	7.0	7.0	6.7	6.8	6.8	6.5	6.6
25	6.9	6.7	6.8	7.1	7.0	7.0	6.9	6.8	6.8	6.5	6.3	6.4
26	6.9	6.8	6.8	7.1	6.9	7.0	6.9	6.8	6.8	6.4	6.3	6.3
27	6.9	6.8	6.8	7.1	7.0	7.0	6.9	6.8	6.8	6.5	6.3	6.4
28	6.8	6.6	6.8	7.1	7.0	7.0	7.0	6.8	6.9	6.8	6.4	6.6
29	6.8	6.6	6.8	7.2	7.1	7.1	7.0	6.8	6.8	7.1	6.6	6.8
30	---	---	---	7.2	7.1	7.1	6.9	6.7	6.8	7.1	6.8	6.8
31	---	---	---	7.3	7.0	7.1	---	---	---	6.9	6.8	6.8
MONTH	7.0	6.5	6.8	7.3	6.7	7.0	---	---	---	7.3	6.3	6.7

## PAMLICO RIVER BASIN

02084472 PAMLICO RIVER AT WASHINGTON, NC—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	7.1	6.8	6.9	8.0	6.6	6.8	7.5	6.9	7.1	6.7	6.6	6.6
2	7.6	6.9	7.1	7.1	6.6	6.7	7.3	7.0	7.1	6.8	6.6	6.7
3	8.3	6.8	7.2	7.1	6.6	6.7	7.1	7.0	7.0	6.6	6.4	6.6
4	7.7	6.8	7.1	7.0	6.6	6.8	7.0	6.9	6.9	6.5	6.4	6.4
5	6.9	6.7	6.8	6.9	6.6	6.7	6.9	6.6	6.8	6.4	6.4	6.4
6	7.0	6.8	6.8	7.1	6.6	6.8	6.8	6.6	6.7	---	---	---
7	7.0	6.7	6.8	8.4	6.7	7.0	6.8	6.6	6.6	---	---	---
8	7.0	6.6	6.7	8.1	6.6	7.0	6.6	6.5	6.5	6.4	6.3	6.4
9	6.7	6.5	6.6	8.3	6.8	7.0	6.5	6.5	6.5	6.4	6.4	6.4
10	6.6	6.3	6.5	7.6	6.6	6.9	6.6	6.5	6.5	6.4	6.4	6.4
11	6.7	6.2	6.4	7.2	6.6	6.8	7.1	6.4	6.6	6.5	6.4	6.5
12	6.7	6.3	6.5	7.8	6.7	6.9	7.2	6.5	6.7	6.6	6.5	6.5
13	6.8	6.4	6.6	7.6	6.7	7.0	6.9	6.6	6.7	6.6	6.5	6.5
14	6.6	6.4	6.5	7.8	6.7	7.1	6.9	6.6	6.7	6.5	6.5	6.5
15	7.1	6.5	6.6	7.8	6.7	7.0	6.6	6.4	6.5	6.5	6.5	6.5
16	6.9	6.6	6.7	7.4	6.6	6.8	6.4	6.3	6.3	6.5	6.3	6.4
17	6.9	6.6	6.8	8.4	6.7	7.2	6.3	6.2	6.2	6.6	6.4	6.5
18	7.5	6.7	6.9	7.7	6.8	7.1	6.2	6.1	6.2	6.6	6.4	6.5
19	7.3	6.8	7.0	7.5	6.9	7.0	---	---	---	6.7	6.5	6.6
20	7.4	6.7	7.0	7.8	7.0	7.2	---	---	---	6.7	6.6	6.6
21	7.3	6.8	7.0	7.4	7.0	7.2	6.4	6.3	6.3	6.6	6.6	6.6
22	7.1	6.8	6.9	8.2	6.9	7.3	6.4	6.2	6.3	6.7	6.6	6.6
23	7.3	6.8	7.0	7.7	7.0	7.3	6.3	6.2	6.3	6.7	6.6	6.7
24	7.5	6.9	7.1	7.7	7.1	7.3	6.3	6.2	6.3	6.8	6.7	6.8
25	7.5	6.9	7.0	8.2	6.9	7.3	6.3	6.2	6.2	6.9	6.8	6.8
26	7.2	6.9	7.0	8.3	7.1	7.5	---	---	---	6.9	6.8	6.8
27	7.5	6.9	7.1	8.5	7.3	7.7	---	---	---	7.0	6.9	6.9
28	7.1	6.9	6.9	8.6	7.2	7.7	6.5	6.4	6.4	7.0	6.9	7.0
29	7.1	6.9	7.0	8.6	7.0	7.6	6.7	6.5	6.6	7.0	6.8	7.0
30	7.1	6.7	6.9	8.7	7.1	7.8	6.8	6.6	6.7	7.2	6.9	7.0
31	---	---	---	8.6	7.0	7.6	6.8	6.6	6.7	---	---	---
MONTH	8.3	6.2	6.8	8.7	6.6	7.1	---	---	---	---	---	---

## 02084472 PAMLICO RIVER AT WASHINGTON, NC—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	6.2	6.2	6.2	6.4	6.3	6.3	6.9	6.8	6.8	6.6	6.5	6.6
2	6.3	6.2	6.2	6.5	6.4	6.4	7.0	6.9	6.9	6.7	6.5	6.6
3	6.4	6.3	6.3	6.5	6.2	6.5	6.9	6.9	6.9	6.7	6.6	6.6
4	6.4	6.3	6.4	6.5	6.3	6.4	6.9	6.9	6.9	6.8	6.4	6.6
5	6.5	6.4	6.4	6.5	6.2	6.4	7.0	6.8	6.9	6.9	6.4	6.7
6	6.5	6.4	6.5	6.5	6.3	6.4	7.0	6.8	6.9	6.9	6.4	6.7
7	6.5	6.4	6.5	6.5	6.4	6.4	7.0	6.9	6.9	7.0	6.6	6.8
8	6.5	6.5	6.5	6.5	6.3	6.4	6.9	6.9	6.9	7.0	6.9	6.9
9	6.6	6.5	6.5	6.6	6.3	6.5	6.9	6.8	6.9	7.0	6.9	6.9
10	6.6	6.6	6.6	6.6	6.3	6.5	7.0	6.8	6.9	6.9	6.8	6.9
11	6.7	6.6	6.6	6.5	6.4	6.5	7.1	6.9	7.0	6.9	6.8	6.8
12	6.6	6.6	6.6	6.6	6.5	6.6	7.0	6.6	6.8	7.0	6.8	6.9
13	6.7	6.5	6.6	6.9	6.6	6.7	6.7	6.5	6.6	7.0	6.8	6.9
14	6.7	6.5	6.6	7.0	6.8	6.9	6.6	6.4	6.6	7.0	6.7	6.9
15	6.9	6.4	6.6	6.9	6.8	6.9	6.6	6.3	6.4	7.0	6.8	6.9
16	6.7	6.6	6.6	6.9	6.8	6.8	6.6	6.3	6.4	6.9	6.9	6.9
17	6.6	6.6	6.6	6.8	6.7	6.8	6.5	6.3	6.4	6.9	6.8	6.9
18	6.8	6.6	6.7	6.8	6.7	6.7	6.5	6.2	6.3	6.9	6.9	6.9
19	6.8	6.7	6.7	7.0	6.7	6.9	6.3	6.3	6.3	7.0	6.9	6.9
20	6.7	6.7	6.7	6.9	6.6	6.8	6.4	6.3	6.3	7.0	6.9	6.9
21	6.8	6.7	6.7	6.8	6.7	6.8	6.4	6.3	6.3	7.0	6.8	6.9
22	6.9	6.7	6.8	6.8	6.6	6.7	6.4	6.3	6.3	7.1	6.8	7.0
23	7.0	6.8	6.9	6.8	6.7	6.8	6.4	6.4	6.4	7.1	6.8	7.0
24	7.2	6.8	7.0	6.9	6.7	6.8	6.4	6.4	6.4	---	---	---
25	7.1	6.8	6.9	6.9	6.8	6.8	6.4	6.4	6.4	7.1	6.9	7.0
26	6.9	6.8	6.8	6.9	6.7	6.8	6.5	6.4	6.4	7.2	6.9	7.0
27	6.9	6.8	6.8	6.8	6.6	6.8	6.5	6.5	6.5	7.1	6.9	7.0
28	6.9	6.8	6.8	6.8	6.7	6.8	6.6	6.4	6.5	7.1	6.8	6.9
29	6.8	6.7	6.8	7.1	6.7	6.9	6.6	6.5	6.6	7.1	6.9	6.9
30	6.7	6.4	6.5	7.1	6.9	6.9	6.7	6.6	6.6	6.9	6.8	6.9
31	6.4	6.3	6.3	---	---	---	6.6	6.5	6.6	6.9	6.8	6.9
MONTH	7.2	6.2	6.6	7.1	6.2	6.7	7.1	6.2	6.6	---	---	---
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.9	6.8	6.9	6.7	6.5	6.6	7.0	6.8	6.9	6.9	6.8	6.8
2	6.9	6.8	6.9	6.8	6.6	6.7	7.0	6.8	6.9	6.9	6.9	6.9
3	6.9	6.8	6.9	6.8	6.6	6.7	7.0	6.9	6.9	7.0	6.8	6.9
4	6.9	6.8	6.9	6.8	6.7	6.8	7.0	6.9	6.9	6.8	6.6	6.7
5	6.9	6.9	6.9	6.8	6.7	6.7	7.2	7.0	7.1	6.6	6.5	6.5
6	7.0	6.8	6.9	6.9	6.7	6.8	7.2	7.0	7.0	6.7	6.5	6.6
7	7.0	6.8	6.9	6.8	6.7	6.8	7.0	7.0	7.0	6.7	6.5	6.7
8	7.0	6.8	6.9	7.0	6.7	6.8	7.0	7.0	7.0	6.8	6.5	6.7
9	6.9	6.8	6.9	6.9	6.8	6.8	7.3	7.0	7.1	6.7	6.5	6.6
10	6.8	6.8	6.8	7.0	6.8	6.8	7.3	6.9	7.0	6.6	6.5	6.6
11	6.8	6.6	6.7	7.0	6.8	6.9	7.0	6.9	6.9	6.6	6.5	6.5
12	6.7	6.6	6.6	7.0	6.9	6.9	7.0	6.9	6.9	6.7	6.6	6.6
13	6.7	6.6	6.6	7.0	6.9	6.9	6.9	6.8	6.9	6.7	6.6	6.6
14	6.6	6.6	6.6	7.0	6.9	6.9	6.9	6.8	6.8	6.7	6.6	6.7
15	6.7	6.6	6.6	6.9	6.8	6.9	7.0	6.8	6.9	6.8	6.6	6.7
16	6.7	6.6	6.7	6.9	6.8	6.9	---	---	---	6.8	6.6	6.7
17	6.7	6.6	6.7	6.9	6.8	6.9	---	---	---	6.8	6.6	6.7
18	6.7	6.6	6.6	6.9	6.7	6.8	6.8	6.8	6.8	6.8	6.6	6.7
19	6.7	6.6	6.6	7.1	6.8	6.9	6.8	6.8	6.8	6.8	6.7	6.7
20	6.7	6.6	6.6	7.0	6.8	6.9	---	---	---	7.0	6.7	6.8
21	6.7	6.6	6.7	7.0	6.8	6.9	---	---	---	6.9	6.7	6.8
22	6.7	6.6	6.7	7.0	6.9	6.9	6.8	6.8	6.8	6.9	6.7	6.8
23	6.7	6.5	6.7	7.0	6.8	6.9	6.8	6.8	6.8	7.0	6.8	6.8
24	6.7	6.6	6.7	7.0	6.6	6.8	7.0	6.8	6.8	6.8	6.4	6.6
25	6.8	6.6	6.7	6.9	6.8	6.9	6.9	6.8	6.8	6.4	6.3	6.3
26	6.8	6.7	6.7	6.9	6.8	6.9	6.9	6.8	6.8	6.4	6.3	6.3
27	6.9	6.6	6.8	6.9	6.8	6.9	7.0	6.9	6.9	6.4	6.2	6.3
28	6.7	6.6	6.7	7.0	6.8	6.9	7.0	6.9	6.9	6.6	6.3	6.4
29	6.7	6.6	6.6	7.0	6.9	7.0	6.9	6.8	6.8	7.0	6.5	6.7
30	---	---	---	7.1	6.9	7.0	6.9	6.8	6.8	7.0	6.7	6.8
31	---	---	---	7.1	6.8	6.9	---	---	---	6.8	6.7	6.7
MONTH	7.0	6.5	6.7	7.1	6.5	6.9	---	---	---	7.0	6.2	6.7



## PAMLICO RIVER BASIN

02084472 PAMLICO RIVER AT WASHINGTON, NC—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	7.0	6.7	6.8	7.0	6.6	6.7	7.2	6.9	7.0	6.6	6.5	6.6
2	7.2	6.8	7.0	6.9	6.6	6.7	7.2	6.9	7.0	6.7	6.6	6.6
3	7.0	6.8	6.9	6.9	6.6	6.7	7.1	6.9	7.0	6.6	6.4	6.5
4	7.4	6.8	7.0	6.8	6.6	6.7	7.0	6.9	6.9	6.4	6.3	6.4
5	6.8	6.7	6.8	6.7	6.6	6.6	6.9	6.6	6.7	6.3	6.3	6.3
6	6.9	6.7	6.8	7.0	6.6	6.7	6.9	6.6	6.7	---	---	---
7	6.8	6.7	6.8	6.9	6.5	6.6	6.8	6.6	6.7	---	---	---
8	6.8	6.5	6.7	7.0	6.6	6.8	6.7	6.4	6.5	6.3	6.2	6.3
9	6.7	6.5	6.6	7.0	6.5	6.7	6.5	6.4	6.4	6.3	6.3	6.3
10	6.6	6.4	6.5	6.9	6.7	6.8	6.5	6.4	6.4	6.4	6.3	6.3
11	6.6	6.5	6.5	6.9	6.7	6.8	6.4	6.3	6.4	6.4	6.4	6.4
12	7.0	6.5	6.7	6.9	6.6	6.8	6.6	6.4	6.4	6.4	6.4	6.4
13	6.9	6.7	6.7	6.8	6.6	6.6	6.8	6.5	6.6	6.5	6.4	6.4
14	6.9	6.7	6.8	6.9	6.6	6.8	6.8	6.4	6.6	6.4	6.4	6.4
15	6.8	6.8	6.8	7.0	6.7	6.8	6.5	6.2	6.4	6.4	6.3	6.4
16	6.9	6.7	6.8	6.9	6.8	6.9	6.3	6.1	6.2	6.4	6.3	6.4
17	6.9	6.8	6.8	6.9	6.8	6.9	6.2	6.0	6.1	6.6	6.4	6.5
18	7.1	6.8	6.9	6.9	6.6	6.8	6.0	6.0	6.0	6.6	6.4	6.5
19	7.0	6.8	6.9	6.9	6.6	6.8	---	---	---	6.7	6.6	6.7
20	7.5	6.8	7.0	7.3	6.6	6.8	---	---	---	6.7	6.6	6.6
21	7.1	6.8	6.9	7.2	6.7	6.9	6.2	6.1	6.2	6.6	6.6	6.6
22	7.1	6.9	6.9	7.0	6.6	6.8	6.2	6.2	6.2	6.7	6.6	6.6
23	7.0	6.9	6.9	7.3	6.7	6.9	6.2	6.2	6.2	6.7	6.6	6.7
24	7.4	7.0	7.2	7.1	6.8	6.9	6.2	6.2	6.2	6.9	6.7	6.8
25	7.4	6.9	7.1	6.9	6.8	6.8	6.2	6.1	6.2	6.9	6.8	6.9
26	7.4	7.0	7.1	6.9	6.8	6.9	---	---	---	6.9	6.8	6.8
27	7.4	6.9	7.1	6.9	6.8	6.9	---	---	---	6.9	6.8	6.8
28	7.3	6.8	6.9	7.1	6.8	6.9	6.4	6.4	6.4	6.9	6.8	6.9
29	7.0	6.7	6.9	8.5	6.9	7.4	6.6	6.4	6.5	6.9	6.8	6.9
30	7.0	6.7	6.8	8.6	7.1	7.6	6.7	6.5	6.6	7.0	6.8	6.9
31	---	---	---	7.9	7.0	7.5	6.6	6.5	6.5	---	---	---
MONTH	7.5	6.4	6.9	8.6	6.5	6.9	---	---	---	---	---	---

## 02084472 PAMLICO RIVER AT WASHINGTON, NC—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
1	21.2	20.4	20.8	15.3	14.6	14.9	11.3	10.6	11.0	7.5	6.7	7.0
2	21.0	19.8	20.2	15.6	14.7	15.1	11.0	9.9	10.3	7.7	6.9	7.3
3	19.9	18.8	19.3	16.1	15.1	15.5	9.9	9.1	9.4	8.7	7.3	7.9
4	19.7	18.8	19.3	16.8	15.8	16.3	9.1	8.4	8.8	9.9	8.3	8.9
5	19.9	18.7	19.2	18.1	16.6	17.2	8.6	8.0	8.4	12.0	9.3	10.3
6	19.8	18.6	19.1	18.7	17.4	17.9	8.0	7.4	7.7	11.4	10.4	10.9
7	19.6	18.6	19.1	18.8	18.3	18.6	7.6	6.9	7.2	10.4	8.5	9.3
8	19.6	18.7	19.1	18.7	17.9	18.3	7.3	6.7	6.9	9.4	8.7	9.1
9	20.4	18.9	19.4	17.9	16.5	17.0	7.0	6.3	6.6	9.1	7.4	8.2
10	19.8	19.4	19.6	16.7	15.8	16.2	7.7	6.2	6.8	8.4	5.5	6.9
11	19.6	19.2	19.4	17.0	15.5	16.0	8.6	7.0	7.8	7.0	5.0	5.6
12	20.2	19.1	19.5	16.6	15.3	15.9	8.9	8.4	8.8	6.5	4.3	5.1
13	21.4	19.7	20.3	16.2	13.4	15.2	8.8	8.2	8.5	5.6	4.6	5.0
14	20.6	20.2	20.4	13.8	11.8	12.7	8.4	7.4	8.0	5.6	4.4	4.9
15	20.2	19.2	19.6	12.8	11.8	12.4	7.4	7.0	7.2	5.9	4.4	5.0
16	19.7	18.5	19.1	14.1	12.7	13.4	7.1	6.7	6.9	5.2	4.3	4.7
17	20.1	18.7	19.4	14.3	13.4	13.8	7.4	6.8	7.2	5.2	4.0	4.8
18	19.7	18.9	19.1	14.5	13.6	14.1	7.2	6.6	6.9	6.3	5.0	5.4
19	18.9	18.0	18.4	15.6	14.1	14.6	6.6	6.4	6.5	6.4	5.5	5.9
20	19.3	17.8	18.5	14.7	13.9	14.3	6.4	5.7	6.1	5.6	4.8	5.2
21	18.9	17.7	18.3	15.1	14.1	14.5	5.7	5.1	5.5	5.4	4.8	5.1
22	18.6	17.8	18.2	15.7	14.6	14.8	5.3	4.9	5.1	5.8	4.6	5.0
23	17.9	17.1	17.4	15.1	14.1	14.4	5.5	4.9	5.2	5.1	4.3	4.8
24	17.2	16.1	16.7	14.6	13.4	14.0	6.8	5.5	6.2	---	---	---
25	16.5	16.1	16.3	14.2	13.3	13.6	7.5	6.8	7.1	5.1	3.4	4.2
26	17.1	16.4	16.7	13.3	12.8	13.0	7.4	6.9	7.2	3.6	3.1	3.4
27	17.9	16.9	17.3	12.9	12.5	12.7	7.6	6.8	7.2	4.0	3.0	3.3
28	17.7	17.1	17.5	14.1	12.6	13.2	7.3	6.6	6.9	3.0	2.2	2.7
29	17.1	16.0	16.6	13.0	10.6	11.5	6.8	6.3	6.5	3.0	2.0	2.5
30	16.2	15.2	15.7	11.5	10.1	10.7	7.3	6.3	6.8	3.4	2.5	2.9
31	15.7	14.7	15.2	---	---	---	7.3	6.5	6.9	3.5	2.5	3.0
MONTH	21.4	14.7	18.5	18.8	10.1	14.7	11.3	4.9	7.3	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3.7	2.8	3.2	8.0	6.4	7.2	15.8	14.8	15.3	21.6	21.0	21.3
2	4.3	2.9	3.3	10.2	7.8	8.8	15.0	14.5	14.7	22.2	20.8	21.4
3	4.0	3.4	3.7	11.4	9.5	10.3	14.8	14.2	14.5	21.9	20.2	21.0
4	4.7	3.4	3.8	13.3	11.1	12.1	15.2	13.9	14.5	20.3	19.0	19.6
5	4.7	3.8	4.3	15.0	12.8	13.7	14.6	12.5	13.4	19.6	17.8	18.6
6	6.3	4.6	5.3	16.3	14.4	15.2	14.4	12.8	13.6	20.8	17.7	18.6
7	8.1	6.3	7.0	16.3	15.2	15.7	15.7	13.8	14.5	20.6	18.4	19.4
8	7.3	6.5	6.8	15.6	14.3	14.9	16.7	14.8	15.6	21.3	19.5	20.3
9	7.3	6.6	6.9	15.0	13.6	14.2	17.9	15.6	16.4	22.8	20.3	21.2
10	7.6	7.2	7.4	14.4	11.8	13.5	17.5	16.4	16.7	23.9	21.2	22.3
11	7.8	7.0	7.3	12.6	11.4	12.1	18.0	16.7	17.2	24.8	22.3	23.3
12	7.3	6.8	7.1	13.1	11.9	12.5	17.6	16.9	17.2	24.7	23.1	23.9
13	8.2	6.7	7.2	13.0	11.8	12.4	18.5	17.2	17.7	26.3	23.6	24.5
14	7.2	7.0	7.1	12.6	11.8	12.2	18.1	16.5	17.3	27.1	24.0	25.2
15	7.2	6.7	7.0	12.7	12.2	12.4	17.2	15.8	16.4	27.0	24.2	25.3
16	7.4	6.3	6.7	12.9	12.4	12.6	---	---	---	27.0	24.8	25.7
17	6.4	5.8	6.1	12.7	11.9	12.2	---	---	---	28.0	25.2	26.1
18	6.4	5.5	5.9	12.5	11.6	12.0	18.4	16.1	17.0	28.3	25.5	26.7
19	6.2	5.2	5.6	13.6	11.7	12.5	19.4	16.8	17.9	27.8	25.5	26.5
20	6.8	5.5	6.1	13.3	11.8	12.3	---	---	---	28.6	26.1	27.1
21	8.7	6.4	7.3	13.2	12.0	12.5	---	---	---	29.5	27.2	28.0
22	8.8	7.5	8.0	12.9	11.9	12.4	22.2	20.3	21.2	29.4	27.6	28.4
23	9.3	8.2	8.8	13.2	11.9	12.3	23.6	21.0	22.1	29.4	27.2	27.9
24	9.1	8.8	8.9	13.2	11.7	12.4	23.3	22.1	22.5	28.1	25.8	26.8
25	9.4	8.5	8.9	14.5	12.2	13.1	22.4	21.7	22.0	28.6	24.7	26.1
26	8.9	7.4	8.3	14.6	13.0	13.7	23.7	22.1	22.7	28.0	25.6	26.5
27	7.7	7.1	7.5	15.4	13.6	14.4	22.9	21.6	22.3	28.4	26.4	27.3
28	7.5	6.3	6.8	15.9	14.9	15.2	22.0	19.7	21.0	28.3	27.2	27.8
29	7.4	6.0	6.6	15.5	14.4	14.9	22.2	20.8	21.4	28.6	27.1	27.8
30	---	---	---	15.6	14.6	15.1	22.6	20.8	21.6	27.7	26.7	27.1
31	---	---	---	15.9	15.2	15.5	---	---	---	27.6	26.4	27.0
MONTH	9.4	2.8	6.5	16.3	6.4	12.9	---	---	---	29.5	17.7	24.5

## PAMLICO RIVER BASIN

02084472 PAMLICO RIVER AT WASHINGTON, NC—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	27.9	26.8	27.3	29.6	26.5	27.3	30.3	28.9	29.6	26.9	25.9	26.5
2	28.8	26.5	27.4	28.4	26.8	27.4	29.9	28.8	29.4	26.3	25.1	25.5
3	29.6	27.2	27.9	29.0	26.2	27.4	28.8	28.0	28.4	25.8	24.8	25.1
4	28.9	27.0	27.9	29.6	27.3	28.2	29.6	28.0	28.5	25.6	24.5	24.9
5	27.7	26.4	27.0	30.3	27.5	28.4	29.1	28.0	28.5	25.3	24.3	24.8
6	27.4	26.1	26.8	31.2	28.7	29.5	28.5	27.2	27.8	---	---	---
7	28.1	26.4	26.8	31.9	29.5	30.3	27.4	26.0	26.6	---	---	---
8	28.2	26.6	27.1	32.4	29.6	30.5	26.8	25.4	26.1	25.2	24.1	24.5
9	28.7	26.7	27.4	31.6	29.6	30.3	26.1	24.8	25.4	25.9	24.6	25.1
10	29.2	26.6	27.4	31.6	29.3	30.5	26.9	24.6	25.5	25.9	25.0	25.4
11	29.1	26.8	27.6	30.8	29.7	30.2	27.6	24.9	26.0	25.5	25.0	25.2
12	28.4	26.8	27.2	31.6	29.5	30.3	27.4	25.3	26.1	25.8	24.5	25.0
13	26.9	25.7	26.2	32.0	29.9	30.8	26.0	25.5	25.8	25.3	24.2	24.5
14	26.9	25.7	26.3	32.5	30.2	31.1	25.8	24.7	25.2	24.4	23.5	23.9
15	28.3	26.1	27.0	31.2	29.4	30.3	24.8	22.3	23.6	24.7	23.2	23.8
16	28.0	26.9	27.4	30.6	28.6	29.4	23.6	22.0	22.8	24.3	23.3	23.7
17	28.2	26.6	27.3	30.6	28.9	29.6	24.1	22.3	23.1	25.2	23.5	24.1
18	30.0	26.8	28.1	30.2	28.8	29.5	24.2	22.5	23.2	24.4	22.9	23.6
19	30.2	27.8	28.6	30.3	28.9	29.5	---	---	---	23.1	22.1	22.4
20	29.3	28.1	28.7	31.2	28.7	29.6	---	---	---	22.6	22.1	22.3
21	28.7	27.2	27.8	30.6	28.9	29.7	25.2	24.3	24.7	22.6	21.5	22.0
22	29.4	27.3	28.2	31.1	29.5	30.1	25.1	24.6	24.8	22.3	21.0	21.7
23	30.3	28.3	29.1	30.3	28.7	29.2	25.6	24.4	24.9	22.3	21.0	21.6
24	29.4	28.5	28.9	29.6	28.6	29.0	25.5	24.4	24.9	22.5	21.3	21.8
25	30.0	28.3	29.0	30.2	28.5	29.1	25.8	24.3	24.9	22.7	21.3	21.7
26	29.3	28.2	28.7	30.3	28.8	29.4	---	---	---	22.8	21.4	21.9
27	28.8	27.8	28.2	30.7	28.8	29.7	---	---	---	22.9	21.9	22.3
28	28.8	28.0	28.3	30.0	28.8	29.2	27.0	25.5	26.0	23.2	22.4	22.7
29	28.7	27.5	28.1	29.9	28.2	28.9	27.9	26.1	26.9	23.9	22.1	22.7
30	28.6	27.2	27.9	30.3	28.7	29.4	27.0	26.0	26.5	24.4	22.7	23.4
31	---	---	---	30.4	29.1	29.6	27.3	25.6	26.2	---	---	---
MONTH	30.3	25.7	27.7	32.5	26.2	29.5	---	---	---	---	---	---

## 02084472 PAMLICO RIVER AT WASHINGTON, NC—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	21.1	20.3	20.7	15.3	14.6	14.9	11.3	10.6	11.0	7.4	6.4	6.9
2	21.0	19.7	20.1	15.6	14.7	15.1	11.1	10.0	10.4	7.7	6.8	7.2
3	19.9	18.5	19.2	16.0	15.0	15.5	10.0	9.2	9.5	8.5	7.3	7.8
4	19.6	18.8	19.2	16.8	15.9	16.2	9.3	8.6	8.9	9.4	8.3	8.6
5	19.6	18.7	19.1	17.6	16.6	17.0	8.7	8.1	8.5	10.9	8.7	9.8
6	19.4	18.6	18.9	18.3	17.4	17.8	8.1	7.6	7.9	11.0	9.1	10.4
7	19.4	18.6	18.9	18.8	18.3	18.6	7.7	7.1	7.3	10.8	8.8	9.6
8	19.6	18.7	19.1	18.7	17.6	18.3	7.5	6.9	7.1	9.3	8.7	9.0
9	19.8	18.9	19.2	17.6	16.4	16.9	7.1	6.5	6.7	8.9	8.4	8.8
10	19.8	19.4	19.6	16.5	15.4	16.0	7.7	6.4	6.9	8.9	8.4	8.8
11	19.6	19.3	19.4	16.3	15.5	15.8	8.4	7.2	7.8	8.6	8.0	8.3
12	19.7	19.1	19.3	16.4	15.3	15.8	8.9	8.4	8.8	8.3	5.0	7.2
13	21.1	19.7	20.2	15.9	13.3	15.1	8.8	7.9	8.3	7.2	5.0	6.3
14	20.7	20.2	20.4	13.7	11.8	12.7	8.4	7.4	8.0	6.7	4.5	5.7
15	20.3	19.0	19.6	12.6	11.9	12.3	7.4	7.0	7.2	5.8	4.3	5.0
16	19.4	18.4	18.9	13.8	12.5	13.1	7.1	6.7	6.9	5.1	4.3	4.7
17	19.7	18.7	19.1	14.1	13.4	13.7	7.4	6.8	7.2	5.2	3.8	4.7
18	19.7	18.9	19.2	14.3	13.6	14.0	7.1	6.6	6.9	6.0	4.9	5.3
19	18.9	17.9	18.3	15.7	14.1	14.6	6.7	6.4	6.5	6.3	5.4	5.8
20	18.8	17.8	18.2	14.7	13.8	14.4	6.4	5.8	6.1	5.5	4.8	5.1
21	18.8	17.7	18.3	15.2	14.0	14.5	5.8	5.2	5.5	6.3	4.7	5.5
22	18.6	17.8	18.2	15.2	14.5	14.8	5.3	4.9	5.1	6.3	4.6	5.4
23	17.9	17.0	17.3	14.9	14.2	14.4	5.6	4.9	5.2	6.1	4.4	5.2
24	17.2	16.1	16.7	14.4	13.5	13.9	6.8	5.5	6.2	---	---	---
25	16.6	16.0	16.3	14.1	13.4	13.6	7.5	6.8	7.1	5.6	3.8	4.9
26	17.1	16.4	16.7	13.4	13.0	13.1	7.5	6.9	7.2	4.8	3.0	3.4
27	17.7	17.0	17.2	13.0	12.6	12.8	7.6	6.8	7.2	4.5	2.9	3.6
28	17.7	17.1	17.5	14.2	12.8	13.3	7.2	6.6	6.9	2.9	2.1	2.6
29	17.1	16.1	16.5	13.1	10.7	11.6	6.6	6.3	6.4	2.9	1.9	2.4
30	16.2	15.1	15.6	11.6	10.1	10.8	7.2	6.4	6.8	3.5	2.4	2.8
31	15.5	14.8	15.1	---	---	---	7.3	6.4	6.8	3.4	2.4	2.9
MONTH	21.1	14.8	18.5	18.8	10.1	14.7	11.3	4.9	7.4	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3.6	2.6	3.1	8.0	6.2	7.1	15.8	14.8	15.3	21.6	21.0	21.2
2	4.1	2.8	3.3	9.7	7.7	8.7	15.0	14.2	14.7	22.1	20.8	21.2
3	3.9	3.3	3.6	11.3	9.5	10.2	14.8	14.1	14.5	21.6	20.2	20.9
4	4.6	3.3	3.7	12.9	11.1	12.0	15.1	13.9	14.5	20.2	18.8	19.5
5	4.6	3.7	4.2	14.6	12.8	13.6	14.6	12.3	13.4	19.1	17.9	18.4
6	6.3	4.5	5.2	16.0	14.4	15.1	14.3	12.8	13.4	19.6	17.7	18.4
7	7.7	6.3	6.8	16.2	15.2	15.6	15.5	13.7	14.3	20.2	18.2	19.2
8	7.1	6.2	6.6	15.7	14.3	14.9	16.2	14.9	15.4	21.2	19.3	20.2
9	7.2	6.5	6.8	14.7	13.1	13.9	17.9	15.5	16.2	22.1	20.2	21.0
10	7.4	7.0	7.3	14.4	11.8	13.5	17.5	16.4	16.7	22.9	21.2	21.8
11	7.6	6.9	7.2	12.6	11.2	12.1	17.9	16.7	17.2	24.0	22.2	22.7
12	7.2	6.9	7.1	13.1	11.9	12.4	17.6	16.9	17.2	24.1	23.1	23.5
13	7.7	6.8	7.1	12.9	11.6	12.4	18.3	17.1	17.7	24.3	23.5	23.7
14	7.2	7.0	7.1	12.6	11.7	12.2	18.0	16.6	17.4	24.6	23.9	24.1
15	7.2	6.7	7.0	12.6	12.1	12.4	16.9	15.5	16.3	26.0	24.2	24.9
16	7.4	6.3	6.7	12.8	12.4	12.6	---	---	---	26.4	24.6	25.3
17	6.4	5.8	6.1	12.7	11.9	12.2	---	---	---	26.5	25.0	25.4
18	6.4	5.5	5.8	12.5	11.3	11.9	18.2	16.1	16.9	26.8	25.4	25.8
19	6.2	5.2	5.6	13.5	11.7	12.4	19.1	16.9	17.8	26.8	25.4	26.0
20	6.8	5.5	6.1	13.2	11.8	12.2	---	---	---	27.7	25.9	26.7
21	8.4	6.4	7.2	13.2	12.1	12.5	---	---	---	28.4	27.1	27.5
22	8.8	7.5	7.9	12.9	11.7	12.3	22.0	20.2	20.9	28.8	27.6	28.0
23	9.4	8.2	8.8	12.7	11.8	12.2	22.6	20.9	21.5	29.2	27.0	27.6
24	9.1	8.8	8.9	13.2	11.5	12.3	23.2	21.9	22.4	27.2	25.7	26.2
25	9.3	8.5	8.9	13.9	12.1	12.8	22.4	21.5	22.0	26.1	24.5	24.9
26	8.9	7.3	8.3	14.3	12.8	13.4	23.2	22.0	22.5	27.1	25.3	25.8
27	7.7	7.1	7.5	15.3	13.5	14.2	22.8	21.6	22.3	27.7	26.4	27.0
28	7.4	6.3	6.8	15.9	14.8	15.1	21.6	19.5	20.5	27.8	27.1	27.5
29	7.1	6.0	6.6	15.5	14.3	14.8	22.0	20.4	21.0	28.3	27.1	27.7
30	---	---	---	15.6	14.3	15.0	22.1	20.7	21.1	27.7	26.6	27.0
31	---	---	---	15.9	15.1	15.4	---	---	---	27.6	26.3	26.7
MONTH	9.4	2.6	6.5	16.2	6.2	12.8	---	---	---	29.2	17.7	24.1

## PAMLICO RIVER BASIN

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	27.6	26.5	26.8	28.1	26.5	27.0	30.1	28.9	29.4	26.8	25.8	26.5
2	27.8	26.6	27.0	27.7	26.8	27.1	29.8	28.7	29.3	26.1	25.1	25.4
3	27.8	26.9	27.2	28.2	26.3	26.8	28.7	28.0	28.4	25.3	24.8	25.0
4	28.2	27.0	27.8	28.8	27.1	27.8	29.0	27.9	28.3	25.2	24.4	24.7
5	27.3	26.4	26.8	28.9	27.4	27.9	28.6	27.8	28.3	25.2	24.2	24.6
6	27.1	26.1	26.5	30.0	28.7	29.1	28.6	27.1	27.9	---	---	---
7	27.0	26.3	26.5	30.0	28.8	29.2	27.9	26.0	26.9	---	---	---
8	27.4	26.4	26.7	30.4	29.3	29.8	27.0	25.4	25.9	24.9	24.1	24.4
9	27.5	26.6	27.0	30.2	29.1	29.5	26.0	24.7	25.1	25.5	24.6	25.0
10	28.0	26.6	27.0	29.1	28.5	28.8	25.6	24.5	24.9	25.8	25.0	25.3
11	27.6	26.8	27.1	29.1	28.4	28.6	25.6	24.8	25.0	25.4	25.0	25.2
12	27.8	26.8	27.2	30.5	28.5	29.0	26.4	25.2	25.6	25.4	24.5	24.8
13	27.0	25.4	26.1	30.4	29.4	29.7	25.9	25.4	25.7	24.9	24.2	24.4
14	26.7	25.6	25.9	29.8	28.9	29.2	25.7	24.7	25.2	24.2	23.5	23.9
15	26.9	26.1	26.3	29.0	28.4	28.7	24.8	22.2	23.4	24.2	23.2	23.6
16	27.3	26.7	26.9	28.5	28.2	28.3	23.4	22.0	22.5	24.0	23.2	23.5
17	27.3	26.6	26.9	28.5	28.2	28.2	23.4	22.3	22.8	25.1	23.4	24.0
18	28.6	26.7	27.4	29.6	28.2	28.8	23.9	22.5	23.1	24.1	22.8	23.5
19	28.3	27.8	28.0	29.6	28.7	29.0	---	---	---	23.0	21.9	22.2
20	29.0	28.1	28.5	30.0	28.6	29.0	---	---	---	22.4	22.0	22.2
21	28.2	27.0	27.4	30.0	28.8	29.2	25.2	24.2	24.7	22.3	21.3	21.9
22	28.4	27.3	27.8	29.9	28.8	29.2	25.0	24.6	24.8	22.1	21.0	21.5
23	29.0	28.1	28.4	29.9	28.6	29.3	25.4	24.4	24.8	22.1	20.9	21.4
24	29.0	28.4	28.6	28.8	28.6	28.7	25.2	24.4	24.8	22.0	21.1	21.5
25	29.0	28.1	28.5	28.6	28.5	28.5	25.4	24.3	24.8	22.0	21.1	21.4
26	29.0	28.2	28.6	28.7	28.5	28.6	---	---	---	22.2	21.2	21.6
27	28.7	27.6	28.1	28.8	28.6	28.6	---	---	---	22.6	21.7	22.0
28	28.5	27.9	28.1	29.1	28.6	28.8	26.8	25.5	25.8	22.9	22.2	22.5
29	28.5	27.4	27.8	29.9	28.4	29.0	27.7	26.1	26.7	22.5	21.9	22.1
30	28.2	27.2	27.7	30.2	28.9	29.4	27.0	25.9	26.5	24.1	22.2	23.1
31	---	---	---	30.0	29.3	29.6	26.8	25.6	26.0	---	---	---
MONTH	29.0	25.4	27.4	30.5	26.3	28.7	---	---	---	---	---	---

## 02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	2.4	1.6	2.1	7.0	6.2	6.7	8.5	8.1	8.3	10.3	10.0	10.2
2	3.4	2.0	2.7	7.2	6.4	7.0	9.1	8.4	8.7	10.2	9.8	10.0
3	4.1	2.9	3.6	7.2	6.3	7.0	8.9	8.5	8.7	10.0	9.7	9.9
4	4.9	3.7	4.3	6.9	6.2	6.6	9.2	8.7	8.9	9.9	9.4	9.7
5	5.0	4.2	4.6	6.7	5.8	6.3	9.5	8.6	9.1	9.8	9.1	9.6
6	5.3	4.5	4.9	6.5	5.7	6.2	10.1	9.2	9.6	9.3	8.7	9.1
7	5.2	4.6	4.9	6.4	5.6	6.0	10.1	9.4	9.8	9.3	8.3	8.9
8	5.3	4.8	5.0	6.1	5.3	5.8	10.0	9.7	9.8	8.6	8.3	8.4
9	5.7	4.9	5.2	6.6	5.6	6.0	10.3	9.7	10	9.0	8.2	8.6
10	5.6	5.2	5.4	6.2	5.6	5.9	10.6	9.8	10.2	9.8	5.8	9.0
11	6.0	5.5	5.6	6.1	5.0	5.7	---	---	---	10.0	6.6	9.4
12	5.9	5.3	5.5	7.2	5.5	6.4	---	---	---	11.9	9.5	10.1
13	6.1	5.0	5.4	8.8	6.6	7.5	---	---	---	11.1	10.1	10.6
14	6.2	5.1	5.4	9.3	8.3	8.7	---	---	---	11.4	9.8	10.8
15	7.0	4.9	5.7	8.7	8.2	8.4	---	---	---	11.4	10.6	11.0
16	6.4	5.7	6.0	8.2	7.7	7.9	---	---	---	11.3	10.7	11.1
17	6.2	5.5	5.7	7.7	7.2	7.5	---	---	---	11.3	10.8	11.1
18	6.4	5.7	5.9	7.8	7.4	7.6	---	---	---	11.2	10.3	10.9
19	6.5	6.0	6.3	8.2	7.6	7.9	10.2	9.9	10.0	11.6	10.4	10.8
20	6.7	6.3	6.5	8.1	6.5	7.7	10.2	10.0	10.1	11.3	10.8	11.1
21	7.0	6.5	6.7	7.7	6.7	7.3	10.5	10.1	10.3	11.4	10.8	11.0
22	7.6	6.8	7.1	7.1	6.2	6.7	10.7	10.4	10.5	11.4	10.8	11.1
23	7.9	7.3	7.5	7.5	6.5	7.2	10.7	10.6	10.6	11.7	10.8	11.3
24	8.8	7.2	7.9	8.0	6.8	7.6	10.7	10.2	10.4	---	---	---
25	8.4	7.1	7.7	8.1	7.3	7.7	10.2	9.8	10.0	12.2	11.3	11.8
26	7.6	6.7	7.2	7.9	7.0	7.7	10.1	9.8	9.9	12.2	11.5	11.9
27	7.5	6.7	7.0	7.8	6.8	7.5	10.0	9.8	9.9	12.2	10.8	11.8
28	7.2	6.7	6.9	8.2	7.3	7.7	10.3	9.6	10.0	12.8	11.7	12.3
29	7.5	6.4	7.0	9.4	8.1	8.7	10.6	9.6	10.2	12.8	12.2	12.5
30	7.2	5.6	6.4	9.3	8.4	8.7	10.7	10.1	10.5	12.9	12.3	12.7
31	6.8	5.4	6.2	---	---	---	10.6	10.2	10.4	12.9	12.3	12.6
MONTH	8.8	1.6	5.8	9.4	5.0	7.2	---	---	---	---	---	---
	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.7	12.2	12.5	11.4	11.1	11.2	9.2	7.8	8.3	6.9	6.2	6.5
2	12.7	12.3	12.5	11.2	10.7	11.1	9.6	8.2	8.7	7.2	6.4	6.8
3	13.4	12.2	12.5	10.8	10.3	10.6	---	---	---	7.1	6.2	6.8
4	12.9	12.3	12.6	10.3	9.7	10.0	---	---	---	6.6	6.0	6.3
5	12.9	12.3	12.6	9.7	9.1	9.4	---	---	---	6.7	5.3	6.2
6	12.8	11.7	12.2	9.2	8.6	9.0	---	---	---	6.8	5.8	6.4
7	12.5	11.5	11.9	9.0	8.3	8.6	---	---	---	6.6	6.2	6.4
8	12.0	11.2	11.6	9.1	7.9	8.4	---	---	---	6.4	6.2	6.3
9	11.5	10.8	11.1	8.7	8.1	8.3	---	---	---	6.3	5.8	6.1
10	11.2	10.6	10.9	9.0	8.1	8.4	---	---	---	6.1	5.6	5.9
11	11.2	10.7	11.0	9.6	8.5	9.0	---	---	---	6.4	5.5	5.8
12	11.3	10.6	10.9	9.6	9.0	9.3	---	---	---	6.2	5.7	5.8
13	11.0	10.6	10.8	9.8	9.1	9.4	---	---	---	6.7	5.4	5.8
14	10.9	10.6	10.8	10.2	9.1	9.6	---	---	---	7.1	5.4	6.0
15	11.0	10.6	10.8	9.6	8.8	9.2	---	---	---	7.6	5.3	6.1
16	11.2	10.9	11.0	9.6	8.7	9.2	---	---	---	7.5	5.6	6.2
17	11.5	10.9	11.2	9.6	8.8	9.2	---	---	---	8.4	5.5	6.5
18	11.7	11.1	11.4	9.3	8.4	9.0	---	---	---	8.7	5.5	6.6
19	11.9	11.6	11.7	10.0	8.8	9.3	---	---	---	7.6	5.5	6.2
20	11.9	11.6	11.7	9.6	9.0	9.3	---	---	---	8.4	5.5	6.4
21	11.8	11.1	11.4	9.8	8.8	9.4	---	---	---	7.6	5.6	6.5
22	11.2	10.8	11.0	9.6	9.1	9.4	7.2	6.4	6.7	7.2	5.5	6.2
23	10.9	10.4	10.6	9.6	8.7	9.2	7.1	6.5	6.7	6.8	5.1	5.8
24	10.6	9.9	10.3	9.6	8.7	9.1	7.8	6.3	6.7	5.1	3.7	4.3
25	10.7	10.0	10.3	9.9	8.8	9.3	7.2	6.3	6.6	4.3	3.1	3.6
26	10.7	10.2	10.4	9.7	8.8	9.3	7.0	6.2	6.5	4.6	3.1	3.6
27	10.9	10.4	10.6	9.7	8.9	9.4	6.8	6.2	6.5	5.1	3.5	4.1
28	11.0	10.4	10.6	9.7	8.9	9.2	7.2	6.3	6.7	5.8	4.1	4.7
29	11.4	10.6	11.0	9.6	8.9	9.2	7.4	5.8	6.6	7.5	4.4	5.7
30	---	---	---	9.7	8.1	8.7	7.3	5.8	6.3	7.2	5.1	5.6
31	---	---	---	9.2	7.9	8.4	---	---	---	6.0	4.6	5.4
MONTH	13.4	9.9	11.3	11.4	7.9	9.3	---	---	---	8.7	3.1	5.8

## PAMLICO RIVER BASIN

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, TOP—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	5.0	5.7	9.6	4.0	5.5	7.5	4.9	6.0	4.9	4.5	4.7
2	8.5	5.6	6.4	7.5	4.5	5.6	6.5	4.7	5.4	5.4	4.8	5.0
3	10.1	5.8	7.1	7.8	4.1	5.4	5.1	4.6	4.9	5.3	5.0	5.2
4	9.0	5.3	7.1	7.1	4.9	5.7	5.5	4.4	4.6	5.1	4.8	4.9
5	6.1	5.0	5.4	6.6	4.6	5.3	5.1	4.3	4.6	4.9	4.6	4.7
6	6.8	4.9	5.6	7.3	5.0	5.6	5.2	3.6	4.6	---	---	---
7	7.0	4.6	5.3	10.9	5.3	6.7	5.2	4.7	4.9	---	---	---
8	7.0	4.3	5.3	9.3	4.4	6.6	4.9	4.5	4.7	4.9	4.2	4.4
9	5.7	4.1	4.6	9.7	5.0	6.6	5.1	4.4	4.7	4.4	3.6	4.0
10	6.9	4.4	5.0	8.8	1.3	5.5	5.8	4.4	4.9	4.8	3.9	4.4
11	7.5	4.9	5.5	7.4	0.3	3.4	8.5	4.6	5.5	5.3	4.5	5.0
12	7.2	4.8	5.9	9.6	3.0	5.7	7.9	4.7	5.7	5.4	4.9	5.2
13	7.4	5.5	6.0	9.2	4.6	6.2	6.2	4.8	5.4	5.4	4.9	5.1
14	6.6	5.0	5.7	10.0	3.7	6.6	6.0	4.5	5.0	5.1	4.8	5.0
15	8.4	4.9	5.9	8.9	1.3	5.7	5.4	4.3	5.0	5.0	4.5	4.8
16	7.5	5.4	6.1	8.4	0.3	3.3	5.2	4.5	4.9	4.6	4.3	4.5
17	7.2	5.2	6.0	10.9	0.3	4.9	4.9	4.2	4.6	5.7	4.4	5.0
18	8.6	5.5	6.6	8.6	4.3	6.2	4.7	4.3	4.5	5.4	4.2	5.0
19	8.7	5.6	6.7	8.9	4.2	5.8	---	---	---	6.2	5.1	5.7
20	8.3	5.7	6.8	10.2	4.8	6.8	---	---	---	6.1	5.5	5.8
21	8.8	5.7	6.7	8.9	4.7	6.9	3.9	3.7	3.8	5.8	5.5	5.7
22	8.2	5.3	6.4	9.4	4.5	6.9	3.9	3.6	3.8	6.0	5.4	5.7
23	8.9	5.2	6.5	7.9	5.1	6.5	3.8	3.4	3.6	6.4	5.8	6.1
24	8.3	5.8	6.6	7.8	5.2	6.4	3.5	3.3	3.4	6.4	5.8	6.1
25	8.4	5.5	6.7	8.5	0.6	3.9	3.6	3.2	3.3	6.2	5.9	6.1
26	7.3	5.5	6.3	9.6	0.8	5.7	---	---	---	6.3	5.8	6.0
27	8.4	5.6	6.7	9.4	4.7	7.0	---	---	---	6.4	5.9	6.1
28	7.0	5.3	6.0	9.8	5.6	6.9	4.7	4.0	4.2	6.6	5.8	6.3
29	7.2	4.9	5.9	9.6	5.4	7.0	5.9	4.3	4.9	6.3	4.8	5.9
30	7.1	4.5	5.8	9.5	5.3	7.5	5.8	4.7	5.3	6.9	5.5	6.2
31	---	---	---	8.9	5.7	7.2	5.7	4.4	5.0	---	---	---
MONTH	10.1	4.1	6.1	10.9	0.3	6.0	---	---	---	---	---	---

## 02084472 PAMLICO RIVER AT WASHINGTON, NC—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	2.4	1.8	2.1	6.9	6.3	6.4	8.9	8.4	8.6	10.0	9.7	9.9
2	3.2	2.0	2.7	6.8	6.4	6.7	9.5	8.6	8.9	9.9	9.5	9.8
3	3.9	2.8	3.5	6.9	5.9	6.7	9.2	8.7	8.9	9.8	9.5	9.7
4	4.9	3.6	4.1	6.6	5.6	6.3	9.6	8.9	9.2	9.7	3.4	7.6
5	5.0	4.4	4.7	6.3	5.2	5.9	9.9	9.0	9.5	9.3	2.8	7.3
6	5.3	4.4	4.9	6.1	5.2	5.9	10.4	9.3	9.8	9.0	3.0	7.4
7	5.3	4.7	5.0	6.0	5.4	5.7	10.3	9.4	9.9	8.9	4.1	7.4
8	5.4	4.9	5.1	5.6	4.5	5.3	10.4	9.9	10.1	8.5	7.2	7.9
9	5.8	4.8	5.1	6.2	4.9	5.6	10.6	9.8	10.2	8.6	6.9	7.6
10	5.7	5.4	5.5	6.1	4.8	5.4	10.8	10.0	10.5	7.2	4.6	6.0
11	6.1	5.5	5.7	5.8	4.7	5.3	---	---	---	5.4	4.6	4.9
12	5.8	5.3	5.5	6.7	5.6	6.1	---	---	---	10.6	4.6	6.4
13	6.0	5.2	5.5	8.1	6.4	7.1	---	---	---	11.3	6.0	8.4
14	6.2	5.2	5.5	8.5	7.7	8.1	---	---	---	12.0	7.2	9.7
15	7.0	4.6	5.8	8.1	7.6	7.7	---	---	---	12.1	10.7	11.5
16	6.3	5.8	6.0	7.6	7.0	7.2	---	---	---	12.0	11.4	11.8
17	5.9	5.5	5.7	7.1	6.6	6.9	---	---	---	12.0	11.6	11.7
18	6.6	5.7	6.1	7.1	6.6	6.9	---	---	---	11.7	11.3	11.6
19	6.5	6.1	6.3	8.0	6.9	7.5	9.9	9.4	9.7	11.8	11.2	11.4
20	6.6	6.2	6.4	8.0	6.5	7.6	10.0	9.7	9.8	11.9	11.1	11.7
21	7.0	6.3	6.8	7.7	6.6	7.2	10.1	9.8	9.9	11.6	9.7	10.8
22	7.4	6.8	7.0	7.1	6.0	6.5	10.3	10.1	10.2	11.8	9.7	10.7
23	7.6	7.2	7.4	7.5	6.6	7.2	10.4	10.2	10.3	11.8	9.6	11.0
24	8.2	6.9	7.5	8.1	7.1	7.6	10.3	9.9	10.1	---	---	---
25	8.0	6.8	7.3	8.2	7.4	7.8	9.9	9.5	9.7	12.3	10.4	11.5
26	7.1	6.4	6.8	8.0	7.0	7.7	9.7	9.5	9.6	12.7	11.0	12.2
27	7.0	6.3	6.5	7.9	6.3	7.5	9.8	9.5	9.7	12.5	10.3	11.5
28	6.8	6.3	6.5	8.3	7.4	7.9	10.1	9.4	9.8	13.0	12.1	12.6
29	7.1	6.3	6.7	9.7	8.0	8.8	10.3	9.7	10.1	13.0	12.5	12.8
30	6.8	5.9	6.4	9.4	8.6	8.9	10.4	9.5	10.2	13.0	12.2	12.9
31	6.9	6.1	6.3	---	---	---	10.3	9.8	10.1	13.0	12.4	12.8
MONTH	8.2	1.8	5.7	9.7	4.5	6.9	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.9	12.6	12.8	11.6	11.3	11.4	8.8	8.0	8.3	7.0	6.1	6.5
2	12.9	12.6	12.7	11.5	10.9	11.2	8.8	8.2	8.4	7.1	6.6	6.8
3	13.0	12.6	12.8	11.0	10.4	10.8	8.8	8.2	8.5	7.3	5.9	7.0
4	13.1	12.7	12.8	10.4	9.8	10.2	9.2	8.5	8.9	6.8	6.1	6.4
5	12.9	12.6	12.7	9.9	9.4	9.6	9.9	9.1	9.4	6.8	6.1	6.5
6	12.9	12.1	12.5	9.4	8.9	9.1	9.7	8.9	9.2	7.0	5.7	6.4
7	12.4	11.8	12.1	9.1	8.3	8.7	9.2	9.0	9.1	6.4	5.9	6.3
8	12.1	11.6	11.8	9.0	7.7	8.3	9.2	8.8	9.0	6.4	5.8	6.2
9	11.6	11.1	11.4	8.6	8.0	8.2	10.0	8.7	9.0	6.3	5.5	6.0
10	11.4	10.9	11.1	9.1	8.0	8.2	10.1	8.4	8.8	5.9	5.4	5.6
11	11.2	10.9	11.1	9.5	8.3	9.0	8.5	8.0	8.2	6.0	5.2	5.6
12	11.1	10.7	10.9	9.5	9.1	9.2	8.4	7.7	8.0	6.0	5.4	5.7
13	10.8	10.6	10.7	9.7	9.3	9.5	7.8	7.2	7.5	5.7	5.2	5.5
14	10.8	10.6	10.7	9.9	9.4	9.6	7.7	7.0	7.2	5.9	5.2	5.5
15	10.9	10.6	10.7	9.5	9.0	9.3	8.2	7.3	7.7	6.9	5.4	5.9
16	11.0	10.8	10.8	9.5	9.2	9.3	---	---	---	7.1	5.5	6.1
17	11.4	10.9	11.1	9.6	9.0	9.3	---	---	---	7.0	5.4	5.9
18	11.8	11.3	11.6	9.3	8.6	9.1	8.2	7.8	8.0	7.1	5.5	6.0
19	12.0	11.7	11.9	9.9	9.0	9.3	8.0	7.7	7.8	6.6	5.6	6.0
20	12.0	11.7	11.9	9.7	9.2	9.4	---	---	---	7.2	5.2	6.2
21	11.7	11.4	11.6	9.8	9.4	9.6	---	---	---	6.5	5.3	5.9
22	11.4	10.9	11.2	9.7	9.4	9.6	6.9	6.4	6.6	6.7	5.4	5.7
23	11.0	10.5	10.8	9.7	9.2	9.4	6.6	6.2	6.4	6.7	5.0	5.5
24	10.7	10.3	10.5	9.8	8.9	9.4	7.8	6.2	6.6	5.0	3.5	4.1
25	10.7	10.2	10.4	9.8	9.3	9.5	7.0	6.4	6.6	3.6	2.7	3.1
26	11.1	10.3	10.6	9.8	9.2	9.6	6.8	6.2	6.5	3.8	2.8	3.0
27	11.0	10.6	10.7	9.8	9.3	9.6	6.9	6.3	6.6	3.8	2.7	3.5
28	11.1	10.6	10.8	9.7	9.2	9.4	7.1	6.4	6.7	4.5	2.2	3.6
29	11.4	11.0	11.3	9.6	9.3	9.4	7.2	5.9	6.4	7.0	3.1	5.0
30	---	---	---	9.6	8.7	9.1	6.7	5.8	6.1	7.0	5.0	5.5
31	---	---	---	9.3	8.1	8.6	---	---	---	5.8	4.1	4.9
MONTH	13.1	10.2	11.4	11.6	7.7	9.4	---	---	---	7.3	2.2	5.5



## PAMLICO RIVER BASIN

02084472 PAMLICO RIVER AT WASHINGTON, NC—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	6.1	4.1	5.0	7.2	3.8	5.0	7.1	5.1	5.8	4.8	4.2	4.5
2	6.8	4.8	5.8	7.0	4.4	5.1	6.3	4.8	5.4	5.2	4.7	4.9
3	6.2	5.3	5.7	6.6	4.0	4.8	5.2	4.6	4.9	5.3	4.9	5.1
4	7.8	5.2	6.9	6.6	4.9	5.5	4.8	3.0	4.3	5.0	4.8	4.9
5	5.6	4.8	5.2	5.8	4.6	5.0	4.6	1.4	4.0	4.9	4.5	4.7
6	5.9	4.8	5.4	6.9	2.6	4.9	4.9	1.6	3.8	---	---	---
7	6.0	4.5	5.0	6.9	0.4	2.4	4.8	2.2	3.8	---	---	---
8	6.0	3.9	4.7	7.0	1.9	4.4	4.7	4.0	4.4	4.4	4.1	4.3
9	5.3	3.9	4.2	6.6	0.0	2.5	4.7	3.6	4.4	4.3	3.7	4.0
10	5.9	4.3	4.7	0.4	0.0	0.1	4.7	3.8	4.4	4.8	3.9	4.3
11	5.4	4.9	5.1	0.1	0.0	0.0	4.7	4.3	4.5	5.2	4.5	4.9
12	7.5	4.9	5.9	4.2	0.0	0.7	6.2	4.6	5.0	5.3	4.8	5.1
13	7.1	5.7	6.1	3.8	0.0	1.3	6.1	4.8	5.3	5.5	4.7	5.1
14	6.9	5.0	5.6	1.4	0.0	0.2	6.0	4.6	5.1	5.3	4.9	5.1
15	5.8	5.0	5.4	0.8	0.0	0.1	5.5	4.3	5.1	5.4	4.8	5.0
16	5.7	4.8	5.3	0.1	0.0	0.0	5.4	4.8	5.0	4.9	4.4	4.6
17	6.1	5.0	5.5	0.2	0.1	0.1	5.0	4.7	4.8	5.8	4.5	5.0
18	7.1	4.9	5.8	4.5	0.1	1.7	4.8	4.4	4.6	5.7	4.7	5.1
19	6.4	5.6	6.0	5.0	0.3	2.7	---	---	---	6.1	5.3	5.8
20	8.3	5.6	6.3	6.6	0.3	2.6	---	---	---	6.2	5.5	5.9
21	7.4	5.4	6.2	6.6	0.4	3.7	3.9	3.8	3.8	5.8	5.5	5.6
22	6.7	5.6	6.2	5.4	0.0	1.3	3.9	3.6	3.8	6.0	5.4	5.8
23	6.3	4.9	5.8	6.3	0.1	2.7	3.8	3.4	3.6	6.3	5.8	6.1
24	6.8	4.3	5.9	5.9	0.0	2.2	3.5	3.3	3.4	6.5	5.7	6.1
25	6.7	3.7	5.4	0.0	0.0	0.0	3.5	3.1	3.3	6.2	5.7	6.0
26	7.5	5.3	6.2	0.0	0.0	0.0	---	---	---	6.3	5.8	6.0
27	7.7	5.6	6.6	1.1	0.0	0.0	---	---	---	6.4	5.8	6.1
28	7.6	5.3	5.9	5.9	0.0	1.3	4.6	4.0	4.2	6.4	5.8	6.2
29	6.9	4.8	5.5	9.7	3.2	6.1	5.6	4.1	4.7	6.4	5.4	5.9
30	7.1	4.7	5.5	9.8	4.7	7.2	5.7	4.6	5.3	7.0	5.4	6.1
31	---	---	---	8.3	4.7	6.6	5.3	4.3	4.7	---	---	---
MONTH	8.3	3.7	5.6	9.8	0.0	2.6	---	---	---	---	---	---

## 02084472 PAMLICO RIVER AT WASHINGTON, NC—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	27	18	24	69	62	66	78	74	76	85	82	84
2	38	22	30	72	64	70	81	75	78	84	82	83
3	45	32	39	73	64	71	78	74	76	85	81	83
4	54	40	47	70	64	68	79	75	77	86	81	84
5	55	45	50	70	61	66	82	74	78	88	83	85
6	57	49	53	68	61	66	84	77	81	85	79	82
7	56	49	53	68	60	65	84	78	81	81	73	78
8	57	52	54	66	57	62	83	80	81	75	72	73
9	63	53	57	68	59	62	84	79	81	76	71	74
10	62	57	59	63	57	60	88	80	84	79	49	74
11	65	60	61	63	51	58	---	---	---	80	54	75
12	65	58	61	73	55	65	---	---	---	93	75	80
13	69	55	60	85	67	75	---	---	---	87	79	83
14	69	57	60	87	79	82	---	---	---	89	77	84
15	77	53	62	81	77	79	---	---	---	90	83	87
16	69	61	65	77	74	76	---	---	---	89	83	86
17	68	59	63	75	70	73	---	---	---	89	84	87
18	69	62	64	77	71	74	---	---	---	88	84	86
19	70	65	67	83	74	78	83	81	82	93	84	87
20	73	67	69	80	65	77	83	80	82	90	85	87
21	76	69	72	76	67	73	83	80	81	89	84	86
22	81	72	76	70	61	66	84	82	83	91	85	87
23	83	76	79	74	64	70	85	83	84	91	85	88
24	91	74	81	78	66	74	85	83	84	---	---	---
25	86	73	78	79	71	75	84	81	83	94	88	91
26	79	69	74	76	67	73	84	81	82	92	87	90
27	79	69	73	74	64	71	84	81	82	92	83	89
28	75	70	72	79	70	74	84	79	82	95	87	91
29	77	66	72	85	75	80	86	78	83	95	89	92
30	73	57	65	84	77	79	88	84	86	97	91	94
31	68	54	62	---	---	---	87	84	85	97	91	94
MONTH	91	18	61	87	51	71	---	---	---	---	---	---
	FEBRUARY			MARCH			APRIL			MAY		
1	96	91	94	96	90	93	92	78	83	79	70	74
2	97	92	94	99	93	95	95	81	86	83	72	77
3	102	93	95	98	91	95	---	---	---	81	69	76
4	100	93	96	97	90	93	---	---	---	72	65	69
5	100	94	97	95	88	91	---	---	---	71	57	67
6	101	93	97	93	87	89	---	---	---	72	62	68
7	105	94	98	92	83	86	---	---	---	72	67	70
8	100	92	95	89	79	84	---	---	---	72	68	70
9	94	89	92	85	79	82	---	---	---	72	64	69
10	93	88	91	83	79	80	---	---	---	73	63	67
11	94	89	91	90	79	84	---	---	---	77	63	69
12	93	88	90	92	83	87	---	---	---	74	67	69
13	92	88	89	92	84	88	---	---	---	82	64	69
14	90	88	89	96	86	89	---	---	---	89	64	73
15	91	88	89	90	83	87	---	---	---	96	64	75
16	92	89	90	90	83	87	---	---	---	94	68	76
17	93	88	90	90	82	86	---	---	---	108	67	80
18	95	89	92	87	77	83	---	---	---	112	67	83
19	96	91	94	96	82	87	---	---	---	97	68	78
20	96	93	95	91	84	87	---	---	---	109	68	81
21	97	93	95	92	84	88	---	---	---	100	71	84
22	96	91	93	91	84	88	83	71	76	95	70	80
23	94	90	92	89	82	86	84	73	77	89	64	74
24	92	86	89	91	81	86	92	72	78	64	46	54
25	93	86	89	97	82	89	83	72	76	56	38	44
26	90	87	88	95	84	90	83	71	76	59	38	45
27	91	87	88	97	88	92	79	72	75	66	44	52
28	90	85	87	98	89	92	81	71	76	75	52	60
29	95	86	90	96	88	91	85	66	74	96	56	72
30	---	---	---	96	82	87	85	65	72	92	64	71
31	---	---	---	93	80	84	---	---	---	76	58	68
MONTH	105	85	92	99	77	88	---	---	---	112	38	70

## PAMLICO RIVER BASIN

02084472 PAMLICO RIVER AT WASHINGTON, NC—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	86	63	72	127	50	70	100	64	79	61	56	59
2	111	70	81	96	56	71	86	61	71	67	58	62
3	133	74	91	102	51	69	66	59	63	65	61	63
4	117	67	91	94	62	74	73	56	60	63	58	60
5	78	62	68	88	58	68	67	55	59	60	55	57
6	86	61	71	99	65	74	66	46	59	---	---	---
7	90	57	67	149	70	90	66	58	61	---	---	---
8	90	54	67	129	58	89	61	55	58	60	50	52
9	74	51	58	131	67	88	63	54	57	53	44	49
10	90	55	64	119	17	73	73	53	59	59	48	53
11	98	62	71	99	4	45	108	56	69	65	55	61
12	91	61	75	131	40	76	100	57	70	66	59	63
13	93	68	75	126	61	83	77	59	67	66	59	61
14	83	62	71	139	49	89	73	55	61	61	57	59
15	108	61	74	119	17	76	63	52	59	60	53	57
16	96	68	77	113	4	43	60	53	57	55	51	53
17	92	65	76	146	4	65	57	49	54	69	52	59
18	114	69	85	114	56	82	56	50	53	65	50	59
19	116	72	87	119	55	77	---	---	---	72	60	66
20	108	73	89	138	62	90	---	---	---	70	63	66
21	114	72	86	119	61	91	47	45	46	67	63	65
22	108	68	82	127	59	92	47	43	45	69	61	65
23	119	67	85	103	67	84	46	41	44	74	66	70
24	109	75	86	103	67	84	43	40	41	73	67	70
25	112	71	87	113	8	51	44	38	40	72	67	69
26	94	71	82	128	10	76	---	---	---	73	66	69
27	109	72	86	126	61	93	---	---	---	75	68	70
28	91	68	78	129	73	91	59	49	53	77	68	73
29	93	62	76	127	70	91	76	53	61	73	56	68
30	92	57	74	127	69	98	72	58	66	83	64	74
31	---	---	---	119	75	95	72	54	62	---	---	---
MONTH	133	51	78	149	4	79	---	---	---	---	---	---

## 02084472 PAMLICO RIVER AT WASHINGTON, NC—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	27	20	24	68	63	64	81	76	79	83	79	82
2	35	22	30	68	63	66	85	77	80	83	78	81
3	42	31	38	69	59	67	82	76	79	83	80	82
4	54	39	45	67	57	65	82	78	80	83	29	65
5	54	48	51	65	54	62	85	77	81	83	24	65
6	57	47	53	64	55	62	88	78	82	82	26	67
7	58	50	54	64	58	61	86	79	83	80	37	65
8	58	53	55	60	48	57	86	82	83	74	63	69
9	64	52	56	64	51	58	87	80	84	73	60	66
10	63	59	60	62	48	55	90	82	86	62	39	52
11	66	60	62	59	47	54	---	---	---	46	39	42
12	63	58	60	68	56	62	---	---	---	83	39	53
13	68	57	60	78	65	70	---	---	---	89	50	68
14	69	58	61	79	73	76	---	---	---	93	59	77
15	77	50	63	75	71	72	---	---	---	94	85	91
16	69	62	65	72	67	69	---	---	---	94	89	92
17	64	59	62	69	64	67	---	---	---	93	90	91
18	71	62	66	70	64	67	---	---	---	94	90	92
19	69	65	67	82	68	75	81	77	79	95	90	92
20	70	66	68	79	65	76	80	78	79	94	88	92
21	75	68	72	76	66	71	80	78	79	91	78	86
22	79	72	75	71	59	65	81	79	80	92	78	85
23	80	75	78	75	66	71	83	80	81	92	77	87
24	85	71	78	79	70	74	83	81	82	---	---	---
25	82	70	75	79	72	75	82	79	81	96	83	90
26	73	66	70	77	68	74	81	78	80	95	84	92
27	73	65	68	76	60	72	81	79	80	93	80	87
28	71	66	68	81	70	75	83	77	80	97	89	93
29	73	65	69	88	74	81	84	79	82	97	92	94
30	69	60	64	85	79	81	86	79	84	98	92	95
31	68	61	63	---	---	---	84	81	83	98	91	95
MONTH	85	20	61	88	47	68	---	---	---	---	---	---
	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	97	93	95	98	91	95	87	79	83	80	69	73
2	99	93	95	99	94	97	87	80	83	82	74	76
3	99	95	97	100	93	96	87	80	84	82	66	78
4	102	95	97	97	92	95	91	82	87	75	66	70
5	100	96	98	97	90	93	95	87	90	72	65	69
6	104	96	99	95	88	91	93	86	88	74	61	69
7	104	97	99	92	84	87	92	87	89	71	63	69
8	99	94	96	88	76	82	93	88	90	71	63	69
9	95	92	93	84	77	80	105	88	92	70	61	67
10	94	90	92	84	77	79	106	86	90	69	61	64
11	94	91	92	88	78	83	88	84	86	72	60	65
12	92	88	90	90	84	87	88	80	84	71	64	67
13	90	87	88	92	87	89	83	76	79	68	61	65
14	89	88	88	93	87	89	79	73	75	71	62	65
15	90	87	89	89	84	88	84	74	79	85	65	72
16	92	88	89	90	86	88	---	---	---	88	66	75
17	92	88	90	90	83	87	---	---	---	87	66	73
18	95	90	93	87	79	84	86	80	83	89	67	74
19	97	93	95	95	83	87	85	81	82	83	69	74
20	97	95	96	92	85	88	---	---	---	91	64	77
21	98	94	96	93	89	90	---	---	---	83	67	75
22	97	93	95	92	87	90	79	71	74	87	69	73
23	96	91	93	91	85	88	75	71	73	88	63	70
24	93	89	91	94	82	88	92	71	76	63	44	51
25	93	88	90	95	88	90	81	73	76	44	33	37
26	92	88	90	96	88	92	80	71	75	48	34	37
27	91	88	90	98	90	94	79	73	76	48	34	44
28	91	87	89	98	91	94	78	72	75	57	28	46
29	94	89	92	96	91	93	80	67	72	89	39	64
30	---	---	---	95	87	90	77	65	69	89	63	69
31	---	---	---	94	82	86	---	---	---	74	51	62
MONTH	104	87	93	100	76	89	---	---	---	91	28	66

## PAMLICO RIVER BASIN

02084472 PAMLICO RIVER AT WASHINGTON, NC—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	78	51	63	92	48	63	94	67	76	60	52	56
2	87	60	72	89	55	65	83	63	71	64	57	59
3	79	67	72	85	50	60	67	59	64	64	59	62
4	100	65	88	86	62	70	62	39	55	61	58	60
5	71	60	65	76	59	64	60	18	52	59	54	57
6	74	60	67	92	34	64	63	21	49	---	---	---
7	76	56	62	92	5	31	60	28	48	---	---	---
8	76	49	59	94	25	59	58	50	55	53	49	51
9	67	49	53	88	0	33	57	44	54	52	45	48
10	76	54	59	5	0	0	58	46	53	59	47	52
11	69	62	64	1	0	0	58	52	55	63	55	59
12	95	62	74	56	0	9	77	56	61	65	58	61
13	88	70	76	51	0	17	75	59	65	66	56	61
14	85	62	69	19	0	2	73	56	62	63	58	61
15	73	63	67	10	0	1	63	52	60	64	57	59
16	72	60	67	1	0	0	62	56	58	58	52	55
17	77	63	69	3	1	1	58	55	56	71	53	60
18	92	61	74	59	1	22	56	52	53	66	56	60
19	82	72	76	66	4	35	---	---	---	70	62	67
20	108	72	82	88	4	34	---	---	---	71	63	68
21	94	68	78	88	5	49	47	45	46	67	62	64
22	85	72	79	71	0	17	47	43	46	69	62	66
23	82	63	75	82	1	35	46	41	44	72	65	69
24	89	56	76	77	0	29	42	40	41	74	65	69
25	87	48	70	0	0	0	43	37	40	71	65	68
26	96	69	80	0	0	0	---	---	---	72	66	68
27	100	72	85	14	0	0	---	---	---	74	66	70
28	98	68	76	77	0	17	58	49	52	75	67	72
29	89	61	71	128	42	79	71	51	59	73	62	68
30	91	60	70	130	61	94	72	57	66	84	63	72
31	---	---	---	110	62	88	65	53	58	---	---	---
MONTH	108	48	71	130	0	33	---	---	---	---	---	---