

Water-Data Report 2007

02084472 PAMLICO RIVER AT WASHINGTON, NC

Pamlico Basin
Pamlico Subbasin

LOCATION.--Lat 35°32'36", long 77°03'43" referenced to North American Datum of 1983, Beaufort County, NC, Hydrologic Unit 03020104, at bridge on U.S. Highway 17 at Washington, and 0.7 mi downstream of Kennedy Creek.

DRAINAGE AREA.--3,200 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1999 to current year. Daily mean elevations published March 1988 to May 1993.

REVISED RECORDS.--WRD NC-00-1B: Drainage area.

GAGE.--Water-stage recorder and acoustic velocity meter. Datum of gage is 1.07 ft below North American Vertical Datum of 1988. Satellite telemetry at station.

REMARKS.--Records poor. This site is strongly affected by both astronomical and wind tides. The astronomical tides occur at primary harmonic periods of 12.42 hours and 24.8 hours. Daily discharge data for this site may be affected by aliasing due to tides and can contain fluctuations that are not representative of net downstream discharge. Negative values represent upstream direction of flow.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 83,000 ft³/s, September 21, 1999, maximum gage height, 8.14 ft, September 16, 1999; minimum discharge, -90,800 ft³/s, September 4, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, not determined, maximum gage height 4.74 ft, November 22; minimum discharge, not determined.

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

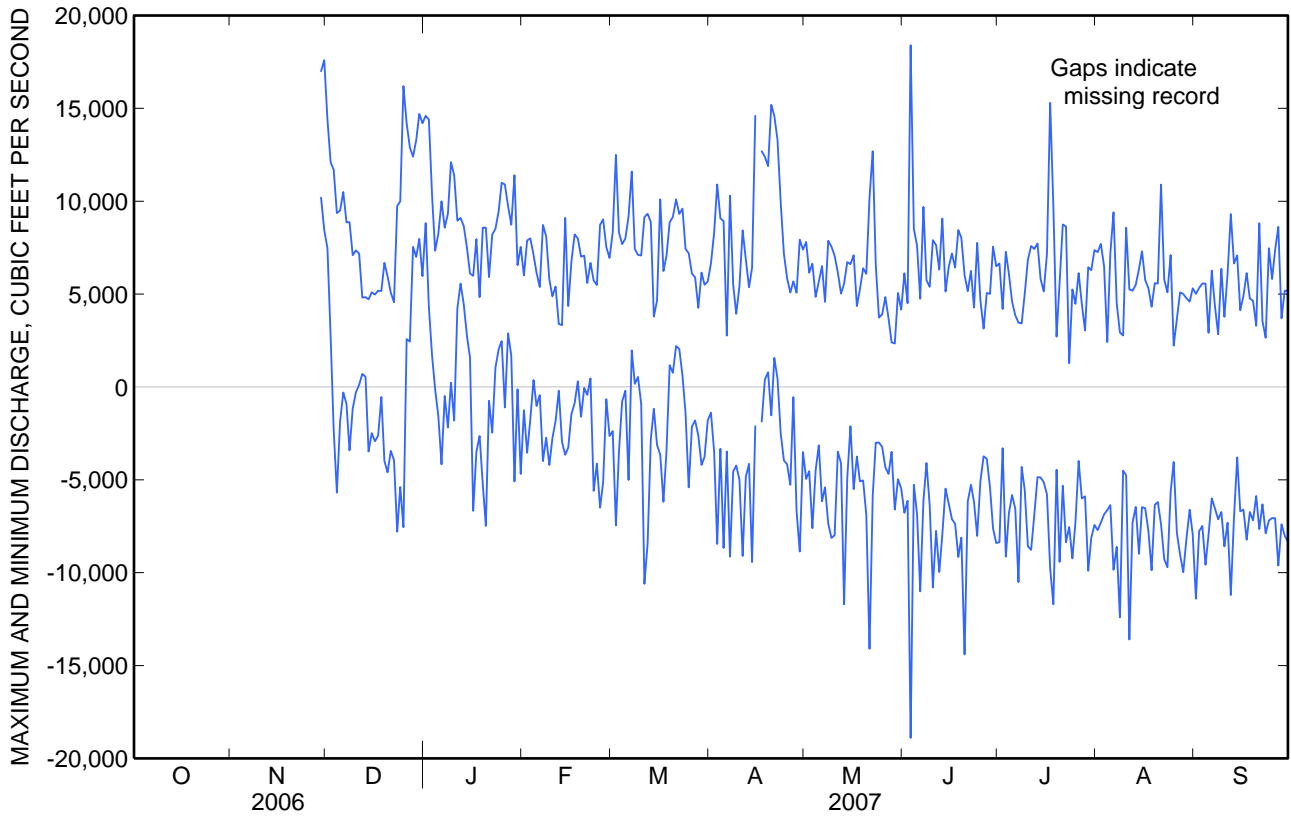
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	---	---	---	---	14,400	7,480	14,600	8,830	6,010	-1,250	8,320	-2,380
2	---	---	---	---	12,100	2,700	14,400	4,300	7,890	-3,540	12,500	-7,450
3	---	---	---	---	11,700	-2,310	10,300	1,690	8,000	-1,730	8,320	-3,470
4	---	---	---	---	9,360	-5,690	7,340	-110	7,120	380	7,690	-765
5	---	---	---	---	9,500	-1,850	8,240	-1,560	6,150	-1,020	7,990	-201
6	---	---	---	---	10,500	-297	10,000	-4,160	5,380	-438	9,190	-5,010
7	---	---	---	---	8,870	-908	8,580	-485	8,720	-3,990	11,600	1,970
8	---	---	---	---	8,870	-3,410	9,340	-2,180	8,110	-2,730	7,430	174
9	---	---	---	---	7,100	-1,160	12,100	231	5,780	-4,200	7,110	539
10	---	---	---	---	7,350	-284	11,400	-1,810	4,880	-2,770	7,080	-912
11	---	---	---	---	7,180	120	8,960	4,220	5,410	-1,820	9,150	-10,600
12	---	---	---	---	4,810	708	9,100	5,570	3,390	-201	9,330	-8,450
13	---	---	---	---	4,840	547	8,660	4,450	3,330	-2,960	8,890	-2,830
14	---	---	---	---	4,720	-3,470	7,490	2,750	9,100	-3,650	3,790	-1,170
15	---	---	---	---	5,100	-2,480	6,110	1,590	4,360	-3,270	4,650	-3,120
16	---	---	---	---	4,980	-2,920	5,980	-6,670	6,770	-1,450	10,100	-3,650
17	---	---	---	---	5,180	-2,610	7,960	-3,480	8,220	-869	6,240	-6,180
18	---	---	---	---	5,170	-531	4,840	-2,640	8,000	311	7,050	-3,450
19	---	---	---	---	6,680	-3,970	8,580	-5,250	7,020	-1,600	8,870	1,170
20	---	---	---	---	5,950	-4,590	8,580	-7,480	7,070	-50	9,160	767
21	---	---	---	---	5,080	-3,440	5,920	-741	5,600	-425	10,100	2,200
22	---	---	---	---	4,560	-3,940	8,210	-2,460	6,680	461	9,320	2,050
23	---	---	---	---	9,740	-7,790	8,520	1,040	5,730	-5,590	9,600	611
24	---	---	---	---	10,000	-5,390	9,460	2,020	5,490	-4,130	7,440	-1,390
25	---	---	---	---	16,200	-7,550	11,000	2,470	8,730	-6,500	7,200	-5,400
26	---	---	---	---	14,200	2,580	10,900	-1,100	9,030	-5,140	6,110	-2,130
27	---	---	---	---	12,900	2,450	9,730	2,890	7,530	-658	5,900	-1,800
28	---	---	---	---	12,400	7,550	8,740	1,690	6,950	-2,640	4,260	-2,610
29	---	---	17,000	10,200	13,300	7,000	11,400	-5,080	---	---	6,160	-4,200
30	---	---	17,600	8,450	14,700	7,980	6,560	-118	---	---	5,500	-3,760
31	---	---	---	---	14,200	5,970	7,540	-4,680	---	---	5,680	-1,790
Month	---	---	---	---	16,200	-7,790	14,600	-7,480	9,100	-6,500	12,500	-10,600

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	6,660	-1,380	7,810	-4,950	6,120	-6,770	6,650	-8,360	7,260	-7,700	5,010	-11,400
2	8,320	-3,500	6,160	-4,530	4,510	-6,130	4,200	-3,290	7,710	-7,300	5,330	-7,770
3	10,900	-8,450	6,640	-7,600	18,400	-18,900	7,280	-9,130	6,500	-6,860	5,570	-7,480
4	9,080	-3,330	4,860	-4,510	8,510	-5,270	6,110	-6,810	2,420	-6,630	5,570	-9,570
5	8,930	-8,670	5,670	-3,140	7,620	-6,830	4,600	-5,820	7,180	-6,360	2,920	-7,950
6	2,760	-3,470	6,510	-6,150	4,750	-11,000	3,860	-6,560	9,410	-9,840	6,270	-6,000
7	10,300	-9,130	4,580	-5,400	9,700	-6,130	3,460	-10,500	4,500	-8,610	4,340	-6,540
8	5,490	-4,540	7,870	-7,350	5,740	-4,090	3,430	-4,300	2,930	-12,400	2,840	-7,130
9	3,940	-4,230	7,560	-8,130	5,400	-6,360	5,020	-5,550	2,770	-4,510	6,360	-6,730
10	5,430	-4,990	7,060	-7,980	7,910	-10,800	6,860	-8,580	8,570	-4,760	3,780	-8,580
11	8,430	-9,100	6,170	-3,480	7,640	-7,750	7,590	-8,770	5,250	-13,600	6,120	-7,310
12	6,860	-4,830	5,030	-4,100	6,320	-9,960	7,430	-6,870	5,180	-7,290	9,310	-11,200
13	5,370	-4,140	5,560	-11,700	9,070	-7,940	7,730	-4,850	5,500	-6,450	6,650	-7,010
14	6,420	-9,430	6,730	-4,880	5,140	-5,470	5,820	-4,870	6,350	-8,990	7,090	-3,790
15	14,600	-2,110	6,610	-2,110	6,460	-6,280	5,150	-5,130	7,300	-6,470	4,130	-6,700
16	---	---	7,100	-5,500	7,180	-7,110	7,170	-5,780	5,760	-6,520	4,900	-6,600
17	12,700	-1,860	4,360	-3,740	6,430	-7,370	15,300	-9,770	5,320	-7,750	6,130	-8,220
18	12,400	405	5,260	-5,080	8,450	-9,150	9,730	-11,700	4,320	-9,870	4,760	-6,730
19	11,900	788	6,390	-5,030	8,030	-8,110	2,710	-4,460	5,590	-6,340	4,640	-7,180
20	15,200	-1,530	6,100	-6,900	6,030	-14,400	5,620	-9,410	5,570	-6,200	3,300	-5,870
21	14,600	1,570	10,200	-14,100	5,160	-6,170	8,750	-5,320	10,900	-7,390	8,820	-7,650
22	13,300	449	12,700	-5,870	6,250	-5,270	8,640	-8,360	5,790	-9,270	3,540	-6,320
23	9,930	-2,510	6,580	-3,000	4,280	-6,190	1,280	-7,540	5,100	-9,700	2,650	-7,880
24	7,170	-3,960	3,740	-2,990	7,760	-8,020	5,250	-9,230	7,110	-5,650	7,480	-7,190
25	5,850	-4,160	3,910	-3,220	4,670	-5,080	4,480	-7,290	2,230	-4,030	5,810	-7,060
26	5,090	-5,270	4,840	-4,330	3,140	-3,730	6,130	-3,980	3,660	-7,860	7,380	-7,070
27	5,680	-547	3,690	-4,680	5,060	-3,860	4,470	-6,010	5,100	-9,020	8,620	-9,620
28	5,080	-6,680	2,400	-3,490	5,010	-5,410	3,050	-5,890	5,000	-9,970	3,700	-7,390
29	7,930	-8,860	2,340	-6,600	7,550	-7,610	6,450	-9,900	4,780	-8,140	5,180	-8,000
30	7,400	-3,500	5,060	-4,960	6,500	-8,400	6,290	-8,130	4,600	-6,610	5,180	-8,340
31	---	---	4,170	-5,460	---	---	7,370	-7,430	5,310	-7,940	---	---
Month	---	---	12,700	-14,100	18,400	-18,900	15,300	-11,700	10,900	-13,600	9,310	-11,400

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued



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.--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. Daily records of salinity and water temperature for October 1961 to September 1967 are available from the files of the USGS Water Science Center, Raleigh, NC.

COOPERATION.--Station operated in cooperation with the North Carolina Department of Environment and Natural Resources.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SALINITY (TOP): Maximum recorded, 14.4 ppt, January 3, 2002; minimum recorded, <0.1 ppt, on many days during the period.

SALINITY (BOTTOM): Maximum recorded, 15.1 ppt, October 24, 2002; minimum recorded, <0.1 ppt, on many days during the period.

pH (TOP): Maximum recorded, 9.1 standard units, July 19, 20, 1999; minimum recorded, 5.4 standard units, August 19, 2001, October 11, 12, 2005.

pH (BOTTOM): Maximum recorded, 8.8 standard units, July 2, 3, 4, 1999, September 8, 11, 2005; minimum recorded, 5.3 standard units, September 11, 12, 13, 1999.

WATER TEMPERATURE (TOP): Maximum recorded, 34.1°C, July 31, 1999; minimum recorded, 0.4°C, January 24, 2003.

WATER TEMPERATURE (BOTTOM): Maximum recorded, 32.6°C, July 31, 1999; minimum recorded, 0.5°C, January 24, 2003.

DISSOLVED OXYGEN (TOP): Maximum recorded, 15.3, November 22, 2001; minimum recorded, <1.0 mg/L, on many days during the period.

DISSOLVED OXYGEN (BOTTOM): Maximum recorded, 13.6 mg/L, January 23, 2005; minimum recorded, <1.0 mg/L, on many days during the period.

EXTREMES FOR CURRENT YEAR.--

SALINITY (TOP): Maximum recorded, 7.2 ppt, October 10; minimum recorded, .03 ppt, on many days during the year.

SALINITY (BOTTOM): Maximum recorded, 10.1 ppt, October 3; minimum recorded, .03 ppt, on many days during the year.

pH (TOP): Maximum recorded, 8.7 standard units, May 30; minimum recorded, 5.9 standard units, November 20.

pH (BOTTOM): Maximum recorded, 8.0 standard units, May 30, 31; minimum recorded, 6.0 standard units, April 19, 20.

WATER TEMPERATURE (TOP): Maximum recorded, 33.3°C, August 9, 10; minimum recorded, 3.9°C, February 19.

WATER TEMPERATURE (BOTTOM): Maximum recorded, 31.7°C, August 10, 11; minimum recorded, 3.9°C, February 19.

DISSOLVED OXYGEN (TOP): Maximum recorded, 12.6 mg/L, February 9; minimum recorded, 1.3 mg/L, September 1.

DISSOLVED OXYGEN (BOTTOM): Maximum recorded, 12.0 mg/L, February 7, 8, 9; minimum recorded, 0.0 mg/L, on several days during the year.

DISSOLVED OXYGEN, PERCENT SATURATION (TOP): Maximum recorded, 144%, May 27, 29; minimum recorded, 17%, September 1.

DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM): Maximum recorded, 125%, May 27; minimum recorded, 0%, on several days during the year.

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, TOP
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	3.3	0.33	1.6	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03
2	6.4	0.73	2.7	0.16	0.04	0.05	0.03	0.03	0.03	0.03	0.03	0.03
3	6.8	1.4	4.4	3.5	0.05	0.80	0.04	0.03	0.03	0.03	0.03	0.03
4	5.6	0.53	2.2	4.9	0.21	1.5	0.25	0.04	0.05	0.04	0.03	0.03
5	4.5	0.95	2.7	5.5	0.27	2.0	0.38	0.04	0.06	0.04	0.03	0.04
6	3.6	0.60	2.3	5.9	0.38	2.2	0.07	0.04	0.05	0.04	0.04	0.04
7	4.5	0.54	2.4	4.0	0.43	1.8	0.04	0.04	0.04	0.04	0.04	0.04
8	5.6	2.8	4.4	1.6	0.05	0.33	0.05	0.04	0.04	0.04	0.04	0.04
9	5.4	1.6	3.5	1.6	0.05	0.28	0.05	0.04	0.04	0.04	0.03	0.04
10	7.2	0.58	3.0	0.21	0.05	0.06	0.05	0.04	0.04	0.03	0.03	0.03
11	6.2	0.31	1.7	0.07	0.05	0.05	0.05	0.04	0.04	0.03	0.03	0.03
12	5.4	0.26	1.7	0.05	0.04	0.04	0.06	0.04	0.05	0.03	0.03	0.03
13	5.6	0.32	2.3	0.05	0.04	0.04	0.08	0.05	0.06	0.03	0.03	0.03
14	4.5	0.38	1.9	0.04	0.04	0.04	0.47	0.05	0.09	0.04	0.03	0.03
15	6.0	0.53	2.5	0.04	0.04	0.04	0.11	0.05	0.06	0.04	0.03	0.03
16	6.4	0.71	3.9	0.04	0.04	0.04	0.89	0.05	0.16	0.04	0.04	0.04
17	4.7	0.55	2.1	0.04	0.03	0.04	1.8	0.09	0.25	0.04	0.04	0.04
18	2.0	0.07	0.48	0.03	0.03	0.03	0.32	0.10	0.17	0.05	0.04	0.04
19	2.1	0.06	0.53	0.03	0.03	0.03	5.2	0.16	1.1	0.29	0.04	0.07
20	0.49	0.05	0.14	0.03	0.03	0.03	4.9	0.31	1.5	0.05	0.04	0.04
21	2.1	0.17	0.81	0.03	0.03	0.03	2.5	0.17	0.66	0.04	0.04	0.04
22	2.8	0.16	0.50	0.06	0.03	0.03	1.5	0.11	0.49	0.04	0.04	0.04
23	3.3	0.11	0.81	0.03	0.03	0.03	0.69	0.05	0.21	0.04	0.04	0.04
24	1.1	0.07	0.29	0.03	0.03	0.03	0.96	0.05	0.15	0.04	0.03	0.04
25	0.96	0.10	0.44	0.03	0.03	0.03	0.40	0.05	0.10	0.03	0.03	0.03
26	1.5	0.11	0.48	0.03	0.03	0.03	0.05	0.04	0.04	0.03	0.03	0.03
27	1.8	0.18	0.68	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03
28	1.0	0.05	0.23	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
29	0.05	0.04	0.05	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03
30	0.05	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
31	0.05	0.04	0.04	---	---	---	0.03	0.03	0.03	0.04	0.03	0.03
Month	7.2	0.04	1.6	5.9	0.03	0.32	5.2	0.03	0.18	0.29	0.03	0.04

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, TOP
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	0.04	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.62	0.04	0.18
2	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	---	---	---
3	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.04	0.71	0.07	0.30
4	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.48	0.05	0.17
5	0.04	0.04	0.04	0.04	0.03	0.04	0.04	0.04	0.04	0.52	0.05	0.18
6	0.04	0.04	0.04	0.04	0.03	0.03	0.04	0.04	0.04	1.5	0.05	0.39
7	0.04	0.04	0.04	0.04	0.03	0.03	0.04	0.04	0.04	2.4	0.08	0.80
8	0.04	0.04	0.04	0.03	0.03	0.03	0.04	0.04	0.04	2.5	0.32	1.3
9	0.04	0.04	0.04	0.04	0.03	0.03	0.04	0.04	0.04	1.7	0.06	0.58
10	0.04	0.04	0.04	0.04	0.03	0.04	0.04	0.04	0.04	0.50	0.05	0.17
11	0.04	0.04	0.04	0.04	0.04	0.04	0.06	0.04	0.04	0.20	0.05	0.07
12	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.11	0.05	0.06
13	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.04	0.04	0.36	0.05	0.09
14	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.04	0.05	0.15	0.05	0.07
15	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.04	0.04	0.05	0.05	0.05
16	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.05	0.05	0.05
17	0.04	0.04	0.04	0.05	0.04	0.04	0.04	0.03	0.03	0.05	0.05	0.05
18	0.04	0.03	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.05	0.05	0.05
19	0.04	0.03	0.03	0.04	0.04	0.04	0.03	0.03	0.03	0.06	0.05	0.05
20	0.04	0.03	0.03	0.04	0.04	0.04	0.03	0.03	0.03	0.30	0.05	0.08
21	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.53	0.05	0.14
22	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.34	0.07	0.14
23	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.14	0.05	0.08
24	0.04	0.04	0.04	0.04	0.03	0.04	0.04	0.03	0.03	0.09	0.05	0.06
25	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.06	0.05	0.05
26	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.06	0.05	0.05
27	0.04	0.04	0.04	0.04	0.04	0.04	---	---	---	0.06	0.05	0.05
28	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
29	---	---	---	0.04	0.04	0.04	0.04	0.04	0.04	0.10	0.05	0.06
30	---	---	---	0.04	0.04	0.04	0.10	0.04	0.05	0.15	0.06	0.07
31	---	---	---	0.04	0.04	0.04	---	---	---	0.09	0.05	0.07
Month	0.04	0.03	0.04	0.05	0.03	0.04	---	---	---	---	---	---

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, TOP
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	0.11	0.06	0.07	0.41	0.06	0.19	2.7	0.95	1.8	4.5	2.5	3.4
2	0.14	0.06	0.07	0.32	0.08	0.22	2.6	1.0	1.8	4.5	3.3	4.0
3	1.5	0.06	0.33	0.37	0.08	0.20	2.2	0.72	1.5	4.3	3.1	3.7
4	0.18	0.06	0.09	0.33	0.07	0.14	2.0	0.51	1.2	4.3	2.6	3.5
5	0.11	0.06	0.07	0.13	0.06	0.08	2.2	0.40	1.3	4.2	2.6	3.4
6	0.28	0.06	0.10	0.13	0.06	0.07	2.0	0.38	1.1	4.4	2.7	3.6
7	0.35	0.06	0.14	0.21	0.06	0.13	1.5	0.51	1.0	3.9	2.8	3.5
8	0.06	0.05	0.06	0.26	0.07	0.13	1.4	0.39	0.78	4.1	2.7	3.4
9	0.10	0.05	0.06	0.23	0.06	0.13	1.9	0.31	0.90	4.1	1.7	3.2
10	0.54	0.05	0.14	0.25	0.06	0.15	2.2	0.32	0.97	3.8	1.6	2.8
11	0.49	0.06	0.14	0.21	0.06	0.10	2.1	0.46	1.6	3.4	2.4	2.7
12	0.29	0.06	0.08	0.26	0.06	0.11	2.2	1.1	1.6	4.4	2.2	3.3
13	0.67	0.06	0.26	0.18	0.06	0.10	2.5	0.55	1.6	4.6	3.3	4.0
14	0.32	0.07	0.18	0.52	0.06	0.20	5.1	0.97	2.6	4.2	3.0	3.8
15	0.36	0.06	0.14	0.88	0.06	0.25	4.0	2.0	3.2	3.9	2.3	3.2
16	0.20	0.05	0.09	0.66	0.06	0.33	3.0	1.4	2.1	4.5	2.9	3.7
17	0.25	0.05	0.10	0.97	0.06	0.35	2.4	0.94	1.7	5.3	3.1	3.9
18	0.27	0.06	0.11	0.41	0.06	0.15	3.3	0.95	2.2	6.2	3.3	4.4
19	0.24	0.05	0.12	0.19	0.06	0.09	2.8	1.6	2.4	6.8	3.2	5.3
20	0.26	0.05	0.08	2.1	0.08	0.42	2.6	1.1	1.7	6.2	3.9	5.1
21	0.27	0.07	0.16	3.1	0.41	1.3	2.8	1.2	1.8	6.4	3.5	5.1
22	1.5	0.05	0.27	5.8	0.40	2.9	3.1	1.2	2.1	5.2	3.5	4.4
23	0.88	0.16	0.54	6.2	0.94	3.2	3.4	1.8	2.4	5.7	3.3	4.8
24	0.87	0.20	0.60	5.2	1.6	2.9	3.4	1.8	2.4	5.9	4.0	5.0
25	0.65	0.14	0.37	3.5	1.7	2.7	2.8	1.3	2.0	5.4	3.9	4.6
26	0.29	0.11	0.19	3.4	1.6	2.4	2.8	1.3	1.9	5.3	3.9	4.6
27	0.30	0.07	0.14	3.0	1.2	2.2	3.0	1.3	2.3	5.4	3.7	4.5
28	0.18	0.06	0.10	2.8	1.1	1.8	3.7	1.9	2.9	5.1	3.2	4.2
29	0.09	0.06	0.07	2.7	1.2	1.8	3.9	2.1	3.0	5.6	3.8	4.7
30	0.15	0.06	0.09	2.4	0.99	1.7	4.0	2.2	3.1	6.1	4.4	5.2
31	---	---	---	2.7	1.1	2.0	4.3	2.0	3.2	---	---	---
Month	1.5	0.05	0.17	6.2	0.06	0.92	5.1	0.31	1.9	6.8	1.6	4.0

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, BOTTOM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	7.1	2.2	5.2	4.0	0.04	0.33	0.03	0.03	0.03	0.03	0.03	0.03
2	9.7	5.3	7.9	4.9	0.04	2.5	0.03	0.03	0.03	0.03	0.03	0.03
3	10.1	9.5	9.9	6.7	0.63	3.8	0.04	0.03	0.03	0.03	0.03	0.03
4	10.0	6.7	9.5	7.5	3.2	6.7	2.6	0.04	0.33	0.04	0.03	0.03
5	9.6	8.3	9.1	7.7	6.2	7.4	7.0	0.04	3.7	0.04	0.03	0.04
6	9.2	2.5	6.9	7.8	6.7	7.5	7.5	0.07	4.5	0.04	0.04	0.04
7	7.7	4.3	6.5	7.5	1.7	6.8	1.1	0.04	0.11	0.04	0.04	0.04
8	6.8	3.6	5.2	5.1	0.05	1.1	3.7	0.04	0.74	0.04	0.04	0.04
9	6.3	4.2	5.5	4.4	0.05	1.6	3.9	0.07	1.5	0.04	0.03	0.04
10	8.0	3.5	7.0	6.7	0.05	3.3	4.1	0.04	1.4	0.03	0.03	0.03
11	8.1	3.0	6.8	2.4	0.05	0.34	5.4	0.12	2.8	0.03	0.03	0.03
12	8.3	3.5	7.4	0.05	0.04	0.04	6.1	0.75	5.1	0.03	0.03	0.03
13	7.4	2.8	5.3	0.05	0.04	0.04	6.5	5.0	6.2	0.03	0.03	0.03
14	7.6	3.6	6.5	0.04	0.04	0.04	---	---	---	0.04	0.03	0.03
15	7.5	6.2	7.1	0.04	0.04	0.04	---	---	---	0.04	0.04	0.04
16	7.2	3.9	6.4	0.04	0.04	0.04	6.9	3.6	6.3	0.04	0.04	0.04
17	4.8	1.3	3.5	0.04	0.03	0.04	7.2	6.2	7.0	0.04	0.04	0.04
18	3.4	0.05	1.6	0.03	0.03	0.03	7.3	6.5	7.1	2.8	0.04	0.55
19	3.8	0.22	2.5	0.03	0.03	0.03	7.8	5.8	7.5	2.4	0.04	0.40
20	3.2	0.06	1.3	0.03	0.03	0.03	8.0	6.0	7.5	0.06	0.04	0.05
21	4.6	0.97	3.2	0.03	0.03	0.03	7.8	5.5	7.3	0.04	0.04	0.04
22	5.5	4.0	5.1	0.08	0.03	0.03	7.4	6.7	7.2	0.04	0.04	0.04
23	5.3	0.66	3.8	0.03	0.03	0.03	7.4	0.27	3.7	0.04	0.04	0.04
24	1.8	0.06	0.55	0.03	0.03	0.03	4.2	0.05	1.9	0.04	0.03	0.04
25	1.9	0.26	1.2	0.03	0.03	0.03	4.6	0.04	1.3	0.03	0.03	0.03
26	3.7	0.96	2.3	0.03	0.03	0.03	0.05	0.04	0.04	0.03	0.03	0.03
27	5.2	3.1	4.7	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03
28	5.1	0.05	1.4	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
29	0.05	0.04	0.05	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03
30	0.05	0.04	0.05	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
31	0.05	0.04	0.05	---	---	---	0.03	0.03	0.03	0.04	0.03	0.03
Month	10.1	0.04	4.6	7.8	0.03	1.4	---	---	---	2.8	0.03	0.06

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, BOTTOM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	0.04	0.03	0.03	---	---	---	0.04	0.04	0.04	3.1	0.37	2.1
2	0.04	0.03	0.04	0.04	0.04	0.04	0.04	0.03	0.04	---	---	---
3	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	2.7	0.20	1.0
4	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.04	3.2	0.10	1.2
5	0.04	0.04	0.04	0.04	0.03	0.04	0.04	0.04	0.04	4.0	0.59	3.1
6	0.04	0.04	0.04	0.03	0.03	0.03	0.04	0.04	0.04	3.3	0.31	1.7
7	0.04	0.04	0.04	0.03	0.03	0.03	0.04	0.04	0.04	2.7	0.88	1.7
8	0.04	0.04	0.04	0.03	0.03	0.03	0.04	0.04	0.04	2.8	1.2	2.5
9	0.04	0.04	0.04	0.03	0.03	0.03	0.04	0.04	0.04	2.2	0.45	1.3
10	0.04	0.04	0.04	0.04	0.03	0.03	0.04	0.04	0.04	1.6	0.19	0.86
11	0.04	0.04	0.04	0.04	0.04	0.04	0.07	0.04	0.05	0.40	0.05	0.13
12	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.28	0.05	0.09
13	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.04	0.04	0.56	0.05	0.13
14	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.04	0.05	0.95	0.05	0.12
15	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.04	0.04	0.05	0.05	0.05
16	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.06	0.05	0.05
17	0.04	0.04	0.04	0.05	0.04	0.04	0.04	0.03	0.03	0.05	0.05	0.05
18	0.04	0.03	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.05	0.05	0.05
19	0.04	0.03	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.78	0.05	0.18
20	0.04	0.03	0.04	0.04	0.03	0.04	0.03	0.03	0.03	0.98	0.05	0.33
21	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.52	0.05	0.16
22	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.34	0.08	0.15
23	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.12	0.05	0.08
24	0.04	0.04	0.04	0.04	0.03	0.03	0.04	0.03	0.03	0.07	0.05	0.06
25	0.04	0.04	0.04	0.04	0.03	0.03	0.04	0.04	0.04	0.06	0.05	0.05
26	0.04	0.04	0.04	0.04	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05
27	0.04	0.04	0.04	0.04	0.03	0.04	---	---	---	0.05	0.05	0.05
28	---	---	---	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
29	---	---	---	0.04	0.04	0.04	0.04	0.04	0.04	0.19	0.05	0.09
30	---	---	---	0.04	0.04	0.04	2.5	0.04	0.75	0.20	0.06	0.08
31	---	---	---	0.04	0.04	0.04	---	---	---	0.07	0.05	0.06
Month	---	---	---	---	---	---	---	---	---	---	---	---

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, BOTTOM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	0.07	0.06	0.06	0.58	0.06	0.29	3.4	1.7	2.5	5.0	3.1	4.4
2	0.15	0.06	0.07	0.31	0.11	0.21	3.3	1.6	2.4	4.7	3.7	4.4
3	1.7	0.06	0.39	0.37	0.09	0.20	2.8	1.1	2.1	4.5	3.6	4.0
4	0.20	0.06	0.10	0.44	0.08	0.17	3.2	1.2	2.4	4.6	3.2	4.0
5	0.14	0.06	0.08	0.13	0.07	0.09	3.2	0.94	2.1	4.8	3.1	4.2
6	0.36	0.06	0.14	0.21	0.06	0.09	2.4	0.47	1.4	4.8	3.3	4.2
7	0.40	0.06	0.14	0.52	0.06	0.25	2.6	0.78	1.8	4.5	3.5	4.1
8	0.07	0.05	0.06	0.32	0.08	0.18	2.8	0.91	2.1	4.5	3.3	4.1
9	0.14	0.05	0.06	0.84	0.06	0.30	3.3	1.9	2.9	4.5	2.4	3.8
10	0.84	0.06	0.23	0.54	0.06	0.27	3.7	0.55	3.0	4.8	2.5	3.6
11	1.3	0.06	0.44	0.21	0.06	0.11	2.2	0.80	1.8	4.8	3.5	4.2
12	0.94	0.06	0.23	0.32	0.06	0.12	3.0	1.5	2.2	4.7	2.9	4.0
13	0.76	0.06	0.33	0.97	0.06	0.20	4.1	1.2	3.0	4.7	3.4	4.1
14	0.31	0.08	0.19	1.6	0.09	0.60	5.6	3.2	4.8	4.5	3.2	4.0
15	0.47	0.07	0.15	2.0	0.07	1.1	4.9	2.4	4.1	4.4	2.8	3.7
16	0.18	0.06	0.09	0.88	0.06	0.47	3.8	2.1	3.1	4.8	4.0	4.4
17	0.37	0.05	0.14	1.1	0.06	0.46	3.1	1.7	2.6	5.8	3.6	4.8
18	0.71	0.06	0.19	0.49	0.07	0.16	3.6	1.6	2.8	6.6	3.8	5.7
19	0.20	0.05	0.11	2.3	0.07	1.2	3.3	2.3	2.8	7.0	5.7	6.6
20	0.26	0.05	0.08	3.4	0.61	2.2	4.1	1.7	2.7	7.0	6.1	6.7
21	0.46	0.10	0.20	5.1	0.74	3.1	4.2	1.8	3.3	7.0	5.4	6.4
22	2.2	0.05	1.1	6.7	2.0	5.2	3.4	1.7	2.5	6.4	4.5	5.7
23	2.2	0.90	1.8	6.8	4.5	6.1	4.3	2.2	3.2	6.5	5.7	6.3
24	1.3	0.41	0.73	6.2	3.6	5.0	4.4	2.4	3.3	6.3	4.7	5.7
25	0.72	0.26	0.44	4.7	2.7	3.8	4.1	2.2	3.4	6.0	4.5	5.5
26	0.62	0.16	0.37	4.2	3.4	4.0	4.1	2.2	3.4	5.7	4.2	5.2
27	0.57	0.07	0.38	4.1	2.0	3.2	3.7	2.3	3.1	5.5	4.2	4.8
28	0.18	0.06	0.10	3.3	1.6	2.6	4.2	2.4	3.6	5.4	4.0	4.7
29	0.11	0.06	0.07	2.8	1.5	2.2	4.8	2.7	3.9	6.0	4.6	5.2
30	0.19	0.06	0.10	2.6	1.4	2.0	5.4	3.9	4.8	6.4	4.7	5.7
31	---	---	---	3.1	1.8	2.7	5.3	3.7	4.8	---	---	---
Month	2.2	0.05	0.29	6.8	0.06	1.6	5.6	0.47	3.0	7.0	2.4	4.8

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, TOP
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	October			November			December			January		
1	6.8	6.6	6.7	6.3	6.2	6.3	6.3	6.3	6.3	6.6	6.6	6.6
2	6.9	6.6	6.7	6.5	6.2	6.3	6.3	6.3	6.3	6.6	6.6	6.6
3	7.0	6.6	6.7	6.8	6.3	6.5	6.4	6.3	6.3	6.6	6.6	6.6
4	7.1	6.6	6.7	7.0	6.4	6.6	6.4	6.3	6.4	6.7	6.6	6.6
5	6.9	6.5	6.6	7.2	6.4	6.6	6.6	6.4	6.5	6.7	6.6	6.6
6	7.0	6.6	6.7	7.6	6.5	6.6	6.6	6.5	6.6	6.8	6.6	6.7
7	7.0	6.6	6.7	6.9	6.6	6.7	6.6	6.5	6.6	6.7	6.6	6.7
8	7.0	6.7	6.8	6.7	6.3	6.4	6.8	6.6	6.7	6.7	6.6	6.6
9	7.0	6.6	6.8	6.7	6.3	6.3	6.7	6.7	6.7	6.7	6.6	6.6
10	7.7	6.4	6.6	6.3	6.2	6.2	6.7	6.7	6.7	6.7	6.7	6.7
11	7.2	6.5	6.6	6.3	6.2	6.3	6.7	6.6	6.7	6.7	6.7	6.7
12	6.9	6.6	6.7	6.5	6.3	6.5	6.7	6.6	6.7	6.7	6.6	6.7
13	7.0	6.7	6.8	6.5	6.2	6.4	6.7	6.7	6.7	6.7	6.6	6.7
14	6.9	6.7	6.8	6.3	6.1	6.2	6.8	6.6	6.7	6.7	6.6	6.7
15	6.9	6.7	6.8	6.1	6.1	6.1	6.8	6.7	6.7	6.7	6.6	6.6
16	6.9	6.8	6.8	6.2	6.1	6.1	6.8	6.6	6.7	6.7	6.6	6.6
17	6.9	6.8	6.8	6.1	6.0	6.1	6.8	6.6	6.7	6.8	6.7	6.7
18	6.9	6.6	6.8	6.1	6.0	6.0	6.8	6.7	6.8	6.8	6.7	6.7
19	6.8	6.7	6.7	6.0	6.0	6.0	7.0	6.6	6.8	6.9	6.7	6.8
20	6.8	6.6	6.7	6.0	5.9	6.0	6.9	6.7	6.8	6.9	6.8	6.8
21	6.9	6.6	6.7	6.0	6.0	6.0	7.0	6.7	6.8	6.9	6.8	6.8
22	6.7	6.6	6.6	6.3	6.0	6.1	7.1	6.9	7.0	6.9	6.8	6.8
23	6.9	6.5	6.6	6.1	6.0	6.1	7.1	6.9	7.0	6.8	6.7	6.7
24	7.0	6.7	6.8	6.0	6.0	6.0	7.0	6.9	7.0	6.7	6.7	6.7
25	7.0	6.7	6.9	6.0	6.0	6.0	7.1	6.9	7.0	7.1	6.7	6.8
26	6.9	6.7	6.8	6.1	6.0	6.0	7.0	6.8	6.9	6.8	6.5	6.7
27	6.9	6.7	6.8	6.1	6.1	6.1	6.8	6.6	6.7	6.6	6.6	6.6
28	6.9	6.4	6.6	6.1	6.1	6.1	6.6	6.6	6.6	6.6	6.5	6.6
29	6.6	6.4	6.5	6.3	6.1	6.1	6.6	6.6	6.6	6.7	6.5	6.6
30	6.4	6.2	6.3	6.3	6.3	6.3	6.6	6.6	6.6	6.6	6.5	6.5
31	6.3	6.2	6.2	---	---	---	6.6	6.6	6.6	6.6	6.5	6.6
Max	7.7	6.8	6.9	7.6	6.6	6.7	7.1	6.9	7.0	7.1	6.8	6.8
Min	6.3	6.2	6.2	6.0	5.9	6.0	6.3	6.3	6.3	6.6	6.5	6.5

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, TOP
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	February			March			April			May		
1	6.6	6.5	6.6	6.9	6.7	6.8	6.6	6.5	6.6	6.9	6.6	6.7
2	6.6	6.5	6.6	7.0	6.9	6.9	6.6	6.5	6.6	---	---	---
3	6.6	6.5	6.6	7.0	6.9	6.9	6.7	6.6	6.6	6.9	6.8	6.8
4	6.6	6.5	6.5	7.0	6.8	6.9	6.6	6.6	6.6	6.9	6.8	6.8
5	6.6	6.5	6.6	6.9	6.8	6.8	6.7	6.6	6.6	6.8	6.7	6.8
6	6.6	6.5	6.6	6.9	6.8	6.8	6.8	6.6	6.7	7.0	6.6	6.8
7	6.7	6.6	6.6	6.9	6.8	6.8	6.9	6.6	6.7	7.3	6.7	7.0
8	6.7	6.6	6.6	6.8	6.8	6.8	6.9	6.7	6.7	7.4	7.1	7.2
9	6.7	6.6	6.7	6.8	6.7	6.8	6.7	6.6	6.7	7.2	6.8	7.0
10	6.7	6.6	6.7	6.9	6.7	6.8	6.8	6.6	6.6	6.9	6.3	6.7
11	6.7	6.6	6.7	6.8	6.7	6.8	7.0	6.7	6.8	6.6	6.4	6.5
12	6.7	6.6	6.7	6.8	6.7	6.7	6.9	6.7	6.8	6.6	6.5	6.6
13	6.8	6.6	6.7	6.8	6.7	6.7	7.0	6.7	6.8	6.8	6.5	6.6
14	6.9	6.7	6.7	6.8	6.7	6.8	7.0	6.7	6.8	7.2	6.6	6.7
15	6.8	6.7	6.8	6.9	6.8	6.8	6.8	6.6	6.7	6.8	6.6	6.7
16	6.8	6.7	6.7	6.9	6.8	6.8	6.6	6.4	6.4	7.0	6.6	6.7
17	6.7	6.6	6.7	7.0	6.8	6.9	6.4	6.1	6.2	6.8	6.7	6.7
18	6.8	6.7	6.7	6.9	6.7	6.8	6.3	6.1	6.2	6.8	6.7	6.7
19	6.8	6.7	6.8	6.8	6.7	6.7	6.4	6.3	6.4	6.8	6.7	6.8
20	6.8	6.7	6.7	6.9	6.7	6.8	6.4	6.3	6.4	7.0	6.7	6.8
21	6.7	6.7	6.7	6.9	6.8	6.9	6.4	6.2	6.4	7.2	6.8	6.8
22	6.8	6.7	6.7	6.8	6.7	6.7	6.4	6.2	6.4	7.3	6.8	6.9
23	7.0	6.7	6.8	6.7	6.6	6.7	6.4	6.3	6.3	7.4	6.8	7.0
24	6.9	6.8	6.8	6.7	6.6	6.6	6.5	6.3	6.4	7.9	6.9	7.1
25	6.8	6.7	6.8	6.6	6.5	6.5	6.6	6.4	6.5	8.3	7.0	7.2
26	6.8	6.7	6.8	6.6	6.6	6.6	6.6	6.4	6.5	8.5	7.0	7.7
27	6.8	6.7	6.7	6.6	6.5	6.6	---	---	---	8.6	7.1	7.7
28	6.8	6.7	6.7	6.7	6.6	6.6	6.6	6.5	6.6	8.5	7.1	7.5
29	---	---	---	6.7	6.6	6.6	6.7	6.5	6.6	8.4	7.1	7.4
30	---	---	---	6.7	6.6	6.6	6.7	6.6	6.6	8.7	7.0	7.4
31	---	---	---	6.7	6.5	6.6	---	---	---	8.5	7.3	8.0
Max	7.0	6.8	6.8	7.0	6.9	6.9	---	---	---	---	---	---
Min	6.6	6.5	6.5	6.6	6.5	6.5	---	---	---	---	---	---

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, TOP
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	June			July			August			September		
1	8.5	7.3	8.0	7.3	6.7	6.9	7.6	6.8	7.0	7.4	6.9	7.0
2	8.2	7.1	7.4	7.4	6.8	7.0	7.6	6.8	7.0	7.3	6.9	7.1
3	7.4	6.6	7.0	7.4	6.7	7.0	7.5	6.8	7.1	7.4	6.8	7.0
4	7.1	6.7	6.8	7.8	6.9	7.2	7.9	6.7	7.1	7.6	6.8	7.0
5	7.0	6.7	6.8	8.0	6.8	7.4	7.7	6.7	7.0	7.7	6.8	7.0
6	7.2	6.7	6.8	8.3	7.0	7.3	7.1	6.7	7.0	7.7	6.8	7.0
7	7.3	6.8	7.0	7.3	6.7	7.0	7.4	6.7	6.9	7.6	6.8	7.1
8	7.6	6.6	7.1	7.1	6.6	6.9	8.2	6.8	7.0	7.5	6.8	7.1
9	7.5	6.9	7.1	7.6	6.7	7.0	8.0	6.7	7.1	7.2	6.8	7.0
10	7.3	6.9	7.1	7.1	6.6	6.8	8.2	6.9	7.1	8.2	6.8	7.0
11	7.4	6.8	7.1	7.7	6.4	6.7	7.3	7.0	7.0	8.0	7.0	7.3
12	7.3	6.9	7.0	7.4	6.7	6.9	8.5	7.1	7.2	7.8	6.9	7.1
13	7.2	6.8	7.0	7.0	6.6	6.8	8.1	7.3	7.5	7.9	7.0	7.2
14	7.1	7.0	7.0	7.2	6.6	6.7	8.0	7.2	7.4	7.8	7.1	7.3
15	7.2	7.0	7.0	7.1	6.6	6.8	7.5	6.7	7.3	7.7	6.9	7.2
16	7.3	6.9	7.1	7.2	6.7	6.9	7.7	6.7	7.1	7.7	7.0	7.2
17	7.5	6.7	6.8	7.4	6.7	6.9	7.5	6.8	7.1	7.8	7.0	7.2
18	7.7	6.8	6.8	7.9	6.8	6.9	7.7	6.8	7.1	7.8	6.9	7.2
19	7.6	6.8	6.9	8.6	6.8	7.2	7.9	6.9	7.2	7.7	7.0	7.2
20	7.2	6.9	6.9	7.8	6.6	7.1	8.0	6.9	7.2	7.5	6.9	7.1
21	7.3	6.8	6.9	7.2	6.8	6.9	7.6	7.0	7.1	7.6	6.8	7.0
22	7.6	6.6	6.9	7.7	6.8	7.1	7.3	6.8	7.0	8.2	6.8	7.0
23	7.3	6.7	7.0	7.6	6.9	7.1	7.3	6.8	7.0	7.5	6.8	7.0
24	7.1	6.8	6.9	8.0	6.9	7.3	7.7	6.7	7.0	7.8	6.8	7.2
25	7.1	6.8	7.0	7.9	6.8	7.1	7.6	6.7	7.1	7.8	6.8	7.0
26	7.6	6.8	6.9	8.1	6.7	7.0	7.6	6.7	7.0	7.9	7.0	7.2
27	7.9	6.8	7.1	7.4	6.7	6.9	7.5	6.7	6.9	7.6	6.9	7.0
28	8.0	7.0	7.3	7.1	6.6	6.8	7.8	6.8	6.9	7.5	6.9	7.0
29	7.7	7.1	7.2	7.0	6.7	6.8	7.7	6.8	7.1	7.8	7.0	7.2
30	7.6	6.9	7.3	7.0	6.6	6.8	7.6	6.8	7.1	7.8	7.1	7.3
31	---	---	---	7.3	6.7	6.8	7.8	6.8	7.1	---	---	---
Max	8.5	7.3	8.0	8.6	7.0	7.4	8.5	7.3	7.5	8.2	7.1	7.3
Min	7.0	6.6	6.8	7.0	6.4	6.7	7.1	6.7	6.9	7.2	6.8	7.0

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, BOTTOM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	October			November			December			January		
1	6.9	6.7	6.7	6.9	6.4	6.5	6.5	6.4	6.4	6.5	6.5	6.5
2	6.8	6.7	6.7	6.9	6.6	6.9	6.4	6.4	6.4	6.5	6.4	6.4
3	6.8	6.7	6.7	7.2	6.8	6.9	6.5	6.4	6.5	6.5	6.4	6.5
4	6.7	6.6	6.7	7.1	7.0	7.1	6.7	6.4	6.5	6.5	6.4	6.5
5	6.7	6.6	6.6	7.1	7.0	7.0	6.8	6.5	6.7	6.6	6.5	6.5
6	6.7	6.6	6.6	7.0	7.0	7.0	6.8	6.6	6.8	6.6	6.6	6.6
7	6.8	6.7	6.8	7.0	6.9	7.0	6.9	6.6	6.8	6.7	6.6	6.6
8	7.2	6.8	7.0	7.0	6.6	6.7	7.0	6.8	6.8	6.6	6.5	6.6
9	7.1	6.9	7.0	7.0	6.6	6.8	7.1	6.7	6.9	6.7	6.5	6.6
10	7.3	6.7	6.9	6.9	6.5	6.8	7.1	6.6	6.9	6.7	6.7	6.7
11	7.3	6.6	6.9	6.7	6.4	6.5	7.1	6.6	7.0	6.7	6.6	6.7
12	7.2	6.9	7.1	6.8	6.5	6.7	7.0	6.7	7.0	6.7	6.7	6.7
13	7.0	6.9	6.9	6.7	6.6	6.6	7.0	6.9	7.0	6.7	6.6	6.7
14	7.0	6.9	7.0	6.6	6.4	6.5	---	---	---	6.6	6.6	6.6
15	7.0	6.9	7.0	6.4	6.3	6.4	---	---	---	6.6	6.6	6.6
16	7.0	6.9	6.9	6.5	6.3	6.4	6.9	6.8	6.8	6.6	6.6	6.6
17	7.0	6.8	6.9	6.4	6.3	6.4	6.8	6.8	6.8	6.7	6.6	6.7
18	6.9	6.8	6.9	6.3	6.3	6.3	6.8	6.8	6.8	6.8	6.5	6.7
19	6.9	6.8	6.9	6.3	6.2	6.2	6.9	6.8	6.8	6.9	6.7	6.7
20	6.9	6.6	6.8	6.2	6.2	6.2	6.9	6.8	6.8	6.8	6.8	6.8
21	7.0	6.7	6.8	6.3	6.2	6.3	6.8	6.6	6.8	6.8	6.7	6.8
22	7.0	6.9	6.9	6.5	6.3	6.3	6.8	6.7	6.7	6.8	6.7	6.8
23	7.0	6.7	6.9	6.4	6.3	6.3	6.8	6.7	6.8	6.8	6.7	6.7
24	7.2	6.7	6.8	6.3	6.3	6.3	6.8	6.7	6.8	6.7	6.7	6.7
25	7.2	6.9	7.1	6.3	6.3	6.3	6.9	6.6	6.8	6.9	6.7	6.7
26	7.3	7.1	7.2	6.4	6.3	6.3	6.8	6.6	6.7	6.8	6.5	6.8
27	7.2	7.1	7.2	6.4	6.3	6.4	6.6	6.5	6.5	6.6	6.6	6.6
28	7.1	6.8	6.9	6.4	6.4	6.4	6.5	6.4	6.4	6.6	6.5	6.5
29	6.9	6.6	6.8	6.4	6.4	6.4	6.5	6.4	6.5	6.6	6.5	6.6
30	6.6	6.5	6.5	6.5	6.4	6.5	6.5	6.5	6.5	6.6	6.5	6.5
31	6.6	6.4	6.5	---	---	---	6.5	6.5	6.5	6.7	6.6	6.6
Max	7.3	7.1	7.2	7.2	7.0	7.1	---	---	---	6.9	6.8	6.8
Min	6.6	6.4	6.5	6.2	6.2	6.2	---	---	---	6.5	6.4	6.4

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, BOTTOM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	February			March			April			May		
1	6.6	6.4	6.5	---	---	---	6.7	6.6	6.7	6.7	6.4	6.5
2	6.5	6.5	6.5	7.1	6.8	6.9	6.7	6.7	6.7	---	---	---
3	6.5	6.4	6.5	7.0	6.8	6.9	6.7	6.7	6.7	6.7	6.3	6.6
4	6.5	6.4	6.5	7.0	6.9	6.9	6.7	6.6	6.7	6.7	6.2	6.5
5	6.5	6.4	6.5	7.0	6.9	6.9	6.7	6.6	6.7	6.5	6.2	6.3
6	6.6	6.4	6.5	7.0	6.9	6.9	6.8	6.7	6.8	6.6	6.3	6.4
7	6.6	6.6	6.6	7.0	6.8	6.9	7.0	6.7	6.8	7.4	6.4	6.7
8	6.6	6.5	6.6	6.9	6.8	6.8	7.0	6.8	6.9	7.3	6.7	7.0
9	6.7	6.5	6.6	6.8	6.8	6.8	6.9	6.8	6.8	6.9	6.6	6.8
10	6.7	6.6	6.6	6.9	6.8	6.8	6.8	6.7	6.8	6.8	6.4	6.6
11	6.7	6.6	6.6	6.8	6.7	6.7	7.0	6.8	6.8	6.6	6.4	6.4
12	6.7	6.6	6.7	6.8	6.7	6.7	6.9	6.8	6.8	6.4	6.4	6.4
13	6.7	6.5	6.6	6.8	6.7	6.7	6.9	6.8	6.8	6.6	6.4	6.5
14	6.7	6.6	6.6	6.8	6.7	6.8	7.0	6.7	6.9	6.7	6.3	6.5
15	6.7	6.6	6.6	6.8	6.7	6.8	6.9	6.6	6.8	6.6	6.4	6.4
16	6.6	6.6	6.6	6.9	6.8	6.8	6.6	6.4	6.4	6.6	6.4	6.5
17	6.6	6.5	6.6	7.0	6.8	6.9	6.4	6.2	6.3	6.6	6.5	6.5
18	6.6	6.5	6.6	6.9	6.8	6.8	6.3	6.2	6.2	6.6	6.5	6.5
19	6.7	6.6	6.6	6.8	6.8	6.8	6.3	6.0	6.2	6.6	6.5	6.6
20	6.6	6.6	6.6	6.9	6.8	6.8	6.4	6.0	6.3	6.8	6.5	6.6
21	6.6	6.6	6.6	6.9	6.8	6.9	6.4	6.1	6.3	7.2	6.6	6.7
22	6.6	6.6	6.6	6.9	6.8	6.8	6.4	6.3	6.3	7.0	6.7	6.8
23	6.9	6.6	6.7	6.8	6.7	6.7	6.5	6.3	6.4	7.2	6.6	6.8
24	6.8	6.6	6.6	6.7	6.7	6.7	6.6	6.3	6.5	7.1	6.8	6.9
25	6.6	6.5	6.5	6.8	6.6	6.7	6.7	6.5	6.6	7.2	6.8	6.9
26	6.6	6.5	6.5	6.7	6.7	6.7	6.7	6.5	6.6	7.2	6.9	7.1
27	6.6	6.5	6.5	6.7	6.7	6.7	---	---	---	7.5	7.0	7.2
28	---	---	---	6.7	6.6	6.6	6.7	6.5	6.6	7.4	7.0	7.1
29	---	---	---	6.7	6.6	6.7	6.7	6.5	6.6	7.2	7.0	7.1
30	---	---	---	6.7	6.6	6.6	6.7	6.6	6.6	8.0	6.8	7.1
31	---	---	---	6.7	6.6	6.6	---	---	---	8.0	6.9	7.1
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, BOTTOM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	June			July			August			September		
1	7.9	6.6	6.8	7.1	6.5	6.7	6.9	6.5	6.7	7.3	6.9	7.0
2	7.7	6.8	7.1	---	---	---	7.2	6.6	6.8	7.2	7.0	7.0
3	7.1	6.4	6.6	7.1	6.6	6.7	7.1	6.6	6.8	7.2	6.9	7.0
4	6.6	6.2	6.3	7.2	6.6	6.7	7.0	6.6	6.6	7.2	6.7	7.0
5	6.5	6.2	6.3	7.1	6.6	6.7	6.9	6.6	6.7	7.0	6.7	6.8
6	7.0	6.3	6.4	7.3	6.7	6.8	7.0	6.6	6.8	7.0	6.7	6.8
7	6.9	6.4	6.6	7.1	6.6	6.7	6.9	6.6	6.7	7.1	6.6	6.8
8	6.7	6.3	6.6	6.8	6.5	6.6	6.8	6.5	6.6	7.0	6.6	6.8
9	6.9	6.5	6.6	6.9	6.4	6.6	6.6	6.6	6.6	6.9	6.7	6.8
10	6.9	6.4	6.6	7.2	6.5	6.6	7.0	6.6	6.6	7.1	6.7	6.8
11	6.7	6.2	6.5	7.4	6.8	7.0	7.0	6.7	6.8	7.1	6.6	6.8
12	6.7	6.2	6.4	7.5	6.9	7.1	7.0	6.7	6.8	7.7	6.8	7.0
13	6.8	6.4	6.5	7.4	6.6	7.1	6.9	6.7	6.8	7.9	7.0	7.1
14	6.6	6.3	6.5	7.1	6.5	6.8	7.1	6.7	6.8	7.6	7.0	7.1
15	6.8	6.4	6.5	7.3	6.4	6.6	7.2	6.8	6.9	7.2	6.9	7.0
16	6.7	6.4	6.5	7.3	6.7	6.9	7.1	6.8	6.8	7.8	6.9	7.0
17	6.7	6.4	6.5	7.3	6.6	7.0	7.3	6.8	6.9	7.8	6.9	7.1
18	6.8	6.4	6.5	6.9	6.7	6.7	7.4	6.8	7.1	7.8	7.0	7.1
19	6.9	6.5	6.6	6.8	6.4	6.5	7.2	6.9	7.0	7.7	7.1	7.2
20	6.9	6.6	6.7	6.8	6.4	6.5	7.1	6.8	6.9	7.3	7.1	7.2
21	6.6	6.4	6.5	6.8	6.6	6.6	7.1	6.8	6.9	7.2	7.0	7.1
22	6.7	6.1	6.3	7.4	6.7	6.8	7.1	6.8	6.9	7.2	7.0	7.1
23	6.4	6.1	6.2	7.0	6.8	6.9	7.0	6.7	6.8	7.1	6.9	7.0
24	6.9	6.3	6.6	7.0	6.6	6.8	7.0	6.7	6.7	7.3	6.9	7.1
25	6.7	6.5	6.6	6.8	6.6	6.7	6.8	6.6	6.7	7.2	6.7	7.0
26	6.6	6.4	6.5	6.7	6.5	6.6	6.8	6.6	6.7	7.0	6.7	6.8
27	6.9	6.2	6.4	6.7	6.5	6.6	6.9	6.6	6.8	7.4	6.7	6.9
28	7.0	6.4	6.6	6.8	6.5	6.6	7.3	6.7	6.8	7.3	6.6	6.8
29	7.5	6.6	7.0	6.8	6.2	6.7	7.2	6.9	7.0	7.6	6.7	7.0
30	7.2	6.9	7.0	6.8	6.6	6.7	7.0	6.8	6.9	7.4	6.8	7.0
31	---	---	---	7.0	6.3	6.6	7.0	6.8	6.9	---	---	---
Max	7.9	6.9	7.1	---	---	---	7.4	6.9	7.1	7.9	7.1	7.2
Min	6.4	6.1	6.2	---	---	---	6.6	6.5	6.6	6.9	6.6	6.8

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS, TOP
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	23.8	22.3	23.0	15.9	14.7	15.2	13.6	11.6	12.6	10.5	9.4	10
2	23.8	21.9	23.1	15.5	14.6	15.2	14.2	13.6	13.8	10.9	10.4	10.6
3	23.8	22.1	23.1	14.9	14.1	14.5	13.7	13.2	13.4	10.9	10.2	10.5
4	24.5	21.5	22.6	14.9	13.3	14.0	13.3	12.3	12.8	11.7	10.3	10.8
5	23.9	21.6	22.9	15.3	12.8	13.7	12.4	11.1	11.9	11.9	10.8	11.3
6	23.8	21.4	22.8	15.2	12.5	13.6	11.1	10.3	10.7	12.9	11.4	12.2
7	22.5	20.6	21.3	14.3	12.6	13.5	10.7	9.6	10.3	13.4	12.2	12.7
8	21.8	21.2	21.5	13.8	12.4	13.1	9.6	7.8	8.3	14.3	13.4	14.0
9	21.5	20.8	21.2	14.8	12.7	13.6	8.1	7.3	7.7	13.6	12.4	13.1
10	22.8	20.6	21.4	14.9	13.8	14.3	7.5	6.9	7.2	12.4	10.9	11.6
11	21.9	20.3	20.9	15.5	14.3	14.9	7.3	6.6	7.0	10.9	9.7	10.4
12	21.9	19.9	20.7	15.2	13.7	14.5	7.0	6.3	6.6	10.0	9.2	9.5
13	21.5	19.4	20.3	13.8	13.4	13.7	7.2	6.5	6.9	10.0	8.9	9.3
14	20.3	18.4	19.2	14.4	13.6	14.0	7.9	6.9	7.4	10.3	9.0	9.5
15	20.2	17.7	18.9	14.4	13.7	14.0	9.0	7.6	8.4	11.3	9.8	10.4
16	20.1	17.6	19.3	15.2	14.0	14.5	9.2	8.4	8.8	11.4	10.9	11.1
17	19.4	17.7	18.4	15.1	14.2	14.5	9.9	8.9	9.3	10.9	10.0	10.5
18	18.7	17.2	17.9	14.2	13.8	14.0	10.5	9.2	9.8	10.7	9.6	10.1
19	20.0	17.5	18.4	13.8	13.4	13.6	11.3	9.7	10.2	9.9	9.2	9.7
20	19.9	18.0	18.8	13.4	12.8	13.1	11.0	9.6	10.2	9.2	8.2	8.6
21	20.2	18.3	19.1	12.8	11.7	12.2	10.2	9.0	9.7	8.2	7.2	7.6
22	19.2	18.2	18.5	12.0	11.6	11.7	10.5	9.6	10.0	7.4	6.6	7.0
23	19.3	17.6	18.2	11.7	10.8	11.2	11.4	9.9	10.5	7.2	6.2	6.6
24	17.7	15.2	16.2	10.9	10.5	10.7	11.4	10.1	10.5	6.7	6.1	6.4
25	15.4	14.1	14.9	10.6	10.2	10.4	11.9	10.7	11.2	6.6	6.0	6.3
26	15.4	14.2	14.8	10.3	10.0	10.2	12.4	11.6	12.0	6.0	5.3	5.8
27	15.2	14.7	14.9	10.3	10.0	10.1	12.0	11.2	11.7	5.9	5.2	5.5
28	16.0	14.7	15.2	10.3	10.0	10.2	11.2	10.2	10.8	6.2	5.5	5.8
29	15.1	13.8	14.5	10.8	10.2	10.5	10.2	9.5	9.9	5.8	5.0	5.4
30	15.4	14.4	14.8	11.6	10.7	11.1	9.5	9.2	9.3	6.1	5.3	5.6
31	15.3	14.4	14.8	---	---	---	9.4	9.1	9.3	5.7	4.8	5.4
Month	24.5	13.8	19.1	15.9	10.0	13.0	14.2	6.3	9.9	14.3	4.8	9.1

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS, TOP
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	5.5	4.8	5.1	11.0	9.9	10.4	18.7	17.3	17.8	25.3	22.2	22.9
2	5.0	4.6	4.7	12.6	11.0	11.8	19.4	17.2	18.1	---	---	---
3	5.3	4.4	4.9	12.8	11.6	12.1	20.5	18.0	18.8	23.9	22.5	23.1
4	5.8	4.9	5.3	12.6	11.6	12.1	20.7	18.6	19.4	22.6	21.1	21.7
5	5.5	4.3	5.2	12.7	11.6	12.0	19.9	18.8	19.4	21.8	20.4	21.0
6	5.2	4.3	4.8	12.2	11.3	11.7	19.0	17.5	18.3	21.8	19.9	21.2
7	5.6	4.4	4.9	11.8	10.7	11.1	18.5	15.8	17.2	20.7	18.7	19.5
8	5.2	4.5	4.7	11.5	10.2	10.9	16.2	15.0	15.6	19.3	18.0	18.6
9	4.9	4.2	4.5	11.4	10.1	10.7	16.0	15.2	15.6	20.2	18.3	19.4
10	5.5	4.4	4.9	12.4	10.6	11.3	16.2	14.8	15.3	22.3	19.8	20.5
11	5.5	4.7	5.0	12.9	11.4	12.1	15.6	14.6	14.9	22.8	20.8	21.5
12	6.1	4.8	5.4	13.2	11.8	12.3	16.4	14.4	15.3	22.9	21.6	22.0
13	6.8	5.4	5.9	14.0	12.2	12.9	16.2	14.8	15.6	21.9	21.0	21.4
14	7.1	6.0	6.4	14.5	13.0	13.7	16.2	15.2	15.8	22.3	19.9	20.7
15	6.8	5.8	6.3	15.7	13.8	14.7	17.1	15.8	16.3	23.3	21.1	22.0
16	6.7	5.9	6.3	15.7	14.5	15.1	16.6	15.2	16.1	24.2	21.4	22.6
17	6.0	5.2	5.7	14.5	12.7	13.6	15.9	14.6	15.2	23.2	21.8	22.5
18	5.9	4.5	5.1	13.1	11.8	12.5	15.6	14.7	15.2	21.9	20.9	21.5
19	5.2	3.9	4.6	12.5	11.4	11.9	15.2	14.7	14.9	22.1	20.4	21.2
20	6.6	4.5	5.2	12.9	10.8	11.7	15.9	14.6	15.2	23.2	20.9	21.9
21	7.0	5.8	6.3	12.6	11.8	12.2	16.2	14.8	15.4	24.2	22.3	22.9
22	8.8	6.7	7.5	13.3	11.6	12.4	17.2	15.1	16.0	24.1	22.7	23.2
23	8.8	7.2	8.0	15.1	12.2	13.3	18.3	15.9	16.9	23.8	22.6	23.2
24	9.5	7.8	8.7	16.2	14.0	14.8	19.1	16.9	17.9	24.2	22.4	23.1
25	9.4	9.0	9.2	17.0	15.3	15.9	20.7	18.5	19.5	25.3	22.7	23.6
26	10.6	9.3	9.8	17.2	15.4	16.2	22.1	19.7	20.6	26.3	23.4	24.7
27	11.0	9.3	10.0	18.6	16.7	17.4	---	---	---	27.3	24.2	25.5
28	10.8	9.7	10.1	19.2	18.0	18.5	22.3	21.1	21.7	27.4	24.7	25.8
29	---	---	---	18.9	17.7	18.1	22.7	21.5	22.1	28.0	25.4	26.4
30	---	---	---	18.3	17.0	17.5	23.6	21.7	22.5	27.8	26.1	26.8
31	---	---	---	18.8	17.0	17.7	---	---	---	28.3	26.0	27.0
Month	11.0	3.9	6.2	19.2	9.9	13.5	---	---	---	---	---	---

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS, TOP
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	28.8	26.3	27.2	29.3	28.5	28.8	31.0	28.9	29.7	29.7	28.8	29.1
2	27.5	26.6	27.1	28.7	27.4	28.2	31.3	29.3	30.0	28.9	27.6	28.2
3	26.6	25.1	25.9	28.5	27.0	27.7	31.2	29.7	30.3	28.7	27.4	28.0
4	27.1	25.1	25.9	28.9	27.1	27.8	32.3	29.9	30.7	28.7	27.1	27.9
5	27.6	25.7	26.6	29.4	27.3	28.3	32.3	30.1	30.9	29.4	27.4	28.1
6	27.8	26.4	26.9	29.8	28.0	28.8	31.4	30.1	30.8	29.7	27.9	28.5
7	28.7	26.7	27.5	29.8	28.3	29.0	32.4	30.6	31.3	29.4	28.0	28.5
8	29.1	27.0	27.9	29.6	28.3	29.1	33.2	31.0	31.8	28.8	27.7	28.2
9	29.4	27.4	28.3	31.2	28.7	29.7	33.3	31.1	32.0	28.5	27.3	27.9
10	29.0	27.8	28.3	31.4	29.5	30.1	33.3	31.2	31.9	29.5	26.7	27.8
11	28.2	27.0	27.5	31.0	29.1	29.8	31.6	30.3	30.8	28.9	27.4	28.1
12	28.1	26.8	27.3	31.4	29.4	30.1	30.7	29.0	30.0	28.3	27.6	27.9
13	27.5	26.9	27.1	30.6	29.7	30.1	31.0	29.2	30.0	27.8	27.1	27.4
14	26.9	25.4	26.0	30.7	29.1	29.7	31.2	29.5	30.1	27.6	26.7	27.2
15	25.6	24.1	24.9	31.0	29.1	30.1	31.0	29.1	30.0	27.6	26.7	27.2
16	25.8	24.3	24.9	31.1	29.3	30.2	31.4	29.5	30.5	27.3	25.3	26.0
17	27.4	25.0	25.8	31.3	29.6	30.3	30.6	29.6	30.1	25.5	23.9	24.9
18	29.5	26.3	27.1	31.1	29.1	30.1	30.1	29.1	29.7	24.9	23.4	24.4
19	29.6	27.3	28.2	32.3	29.9	30.8	29.9	28.5	29.3	24.3	23.5	23.9
20	28.7	27.8	28.1	31.1	29.8	30.4	31.3	28.8	29.9	24.0	23.6	23.8
21	28.8	27.2	27.8	29.9	28.7	29.5	31.8	29.5	30.3	25.1	23.6	24.1
22	29.0	27.1	27.9	29.0	28.0	28.3	30.8	29.5	30.2	26.5	24.4	24.8
23	28.7	27.6	28.1	28.0	26.6	27.5	30.4	29.5	29.9	26.5	24.9	25.5
24	29.0	27.5	28.2	29.5	27.5	28.1	31.4	29.5	30.1	26.8	25.5	26.1
25	29.3	27.7	28.3	29.4	28.0	28.6	31.8	29.8	30.6	27.1	25.4	26.1
26	30.4	27.9	28.6	30.9	28.4	29.3	31.4	30.1	30.6	27.7	25.6	26.4
27	31.3	28.5	29.6	31.6	29.0	29.9	30.5	29.7	30.0	27.7	26.3	26.8
28	31.2	28.9	29.7	30.7	29.1	29.8	31.0	29.0	29.9	27.7	26.4	26.9
29	30.0	29.0	29.4	30.5	29.3	29.9	30.8	29.2	29.9	27.2	25.3	26.2
30	30.0	28.4	29.0	30.0	29.3	29.5	30.2	28.5	29.5	25.6	24.6	25.0
31	---	---	---	30.1	28.6	29.4	30.0	28.7	29.4	---	---	---
Month	31.3	24.1	27.5	32.3	26.6	29.3	33.3	28.5	30.3	29.7	23.4	26.7

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS, BOTTOM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	23.9	22.9	23.5	15.8	14.7	15.1	13.5	11.6	12.5	10.6	9.5	10.0
2	23.9	23.7	23.8	16.1	15.0	15.7	14.1	13.5	13.7	10.9	10.5	10.6
3	23.9	23.8	23.8	16.1	14.5	15.3	13.7	13.1	13.3	10.8	10.2	10.5
4	23.8	23.3	23.7	15.5	14.7	15.4	13.2	12.3	12.7	11.4	10.3	10.7
5	23.7	23.6	23.7	15.6	15.2	15.4	13.1	11.5	12.5	11.7	10.9	11.1
6	23.7	22.4	23.4	15.4	15.1	15.3	13.1	10.2	12.0	12.7	11.5	12.0
7	23.2	21.7	22.6	15.3	13.3	15.1	10.5	9.4	10.0	13.4	12.2	12.7
8	22.3	21.3	21.6	14.6	12.4	13.2	9.4	7.3	8.3	14.3	13.4	14.0
9	21.8	21.2	21.4	14.8	12.7	13.7	9.2	7.6	8.2	13.7	12.5	13.1
10	22.1	21.4	21.7	15.0	13.8	14.5	9.4	6.8	7.8	12.5	10.9	11.6
11	21.9	21.2	21.8	15.4	14.0	14.8	9.9	6.8	8.5	10.9	9.7	10.4
12	21.9	20.9	21.7	15.3	13.7	14.6	10.3	7.0	9.7	9.7	9.2	9.4
13	21.8	20.4	21.2	13.8	13.5	13.7	10.5	9.1	10.3	9.5	9.0	9.2
14	21.4	19.7	20.9	14.3	13.6	13.9	---	---	---	10.0	9.0	9.5
15	21.1	20.7	20.9	14.2	13.8	14.0	---	---	---	11.0	9.8	10.4
16	20.8	19.5	20.4	15.2	14.1	14.5	10.8	9.5	10.5	11.4	10.9	11.1
17	19.8	18.1	19.2	14.8	14.2	14.5	11.0	10.5	10.8	11.0	9.9	10.4
18	19.1	17.0	18.3	14.2	13.8	14.1	11.2	10.7	11.0	10.7	9.5	10.1
19	19.3	17.8	18.9	13.8	13.5	13.7	11.4	11.0	11.3	10.4	9.1	9.8
20	19.5	18.1	18.9	13.5	12.8	13.2	11.6	11.1	11.5	9.3	8.3	8.6
21	20.4	19.0	19.8	12.8	11.8	12.2	11.8	11.1	11.6	8.3	7.2	7.6
22	20.4	19.8	20.2	12.0	11.6	11.8	11.8	11.5	11.7	7.2	6.6	7.0
23	20.1	17.6	19.5	11.7	10.9	11.3	11.9	10.2	11.2	6.8	6.2	6.5
24	17.6	15.4	16.1	10.9	10.6	10.8	11.7	10.2	11.0	6.7	6.1	6.4
25	15.8	14.4	15.1	10.7	10.3	10.4	11.9	10.8	11.3	6.6	6.0	6.3
26	15.1	14.4	14.7	10.4	10.1	10.3	12.4	11.6	12.0	6.0	5.3	5.8
27	15.2	14.7	15.0	10.4	10.0	10.2	12.0	11.3	11.8	5.9	5.2	5.5
28	15.5	14.6	15.1	10.4	10.1	10.2	11.3	10.3	10.8	6.1	5.5	5.8
29	15.2	13.8	14.5	10.8	10.3	10.5	10.3	9.6	10	5.8	4.9	5.4
30	15.1	14.4	14.8	11.6	10.6	11.0	9.6	9.2	9.3	6.1	5.2	5.6
31	15.1	14.3	14.8	---	---	---	9.5	9.2	9.3	5.7	4.7	5.3
Month	23.9	13.8	19.7	16.1	10.0	13.3	---	---	---	14.3	4.7	9.1

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, BOTTOM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	5.5	4.8	5.1	---	---	---	18.2	17.3	17.6	22.4	20.5	21.1
2	5.0	4.6	4.7	12.6	11.0	11.7	18.9	17.2	17.8	---	---	---
3	5.3	4.4	4.9	12.8	11.6	12.1	20.0	17.9	18.5	23.3	21.0	22.5
4	5.8	4.8	5.3	12.6	11.6	12.1	20.1	18.6	19.3	22.7	21.2	21.8
5	5.5	4.3	5.2	12.7	11.2	12.0	19.9	18.8	19.4	21.6	20.9	21.0
6	5.1	4.3	4.8	12.1	11.3	11.7	19.0	16.9	17.7	21.7	20.7	21.1
7	5.6	4.4	4.8	11.5	10.7	11.1	18.2	15.8	17.1	20.9	18.8	19.5
8	5.2	4.5	4.7	11.4	10.2	10.9	16.0	14.8	15.4	19.3	17.6	18.2
9	4.9	4.2	4.5	11.3	10.1	10.7	16.0	15.0	15.5	20.1	18.2	18.8
10	5.5	4.4	4.9	12.1	10.6	11.1	15.9	14.6	15.2	21.0	18.8	19.6
11	5.6	4.4	4.9	12.9	11.3	11.9	15.6	14.6	14.9	21.2	20.8	21.0
12	6.0	4.7	5.3	13.1	11.7	12.2	16.1	14.4	15.1	21.9	21.1	21.5
13	6.6	5.4	5.8	13.6	12.2	12.7	15.9	14.7	15.4	21.9	20.9	21.3
14	6.9	6.0	6.4	14.3	12.9	13.4	16.2	15.2	15.8	21.3	19.8	20.3
15	6.8	5.7	6.2	15.5	13.9	14.3	17.0	15.8	16.3	22.4	21.0	21.4
16	6.7	5.9	6.3	15.3	14.5	15.0	16.6	15.2	16.1	23.3	21.4	22.2
17	6.0	5.2	5.7	14.5	12.7	13.5	15.8	14.6	15.1	23.0	21.8	22.4
18	5.9	4.6	5.1	13.2	11.8	12.4	15.6	14.8	15.1	21.9	20.9	21.4
19	5.2	3.9	4.6	12.5	11.4	11.9	15.2	14.7	14.9	21.3	20.2	20.8
20	6.5	4.5	5.2	12.5	10.8	11.6	15.8	14.4	15.1	22.7	20.8	21.6
21	6.8	5.8	6.2	12.3	11.8	12.0	16.0	14.6	15.3	23.8	22.0	22.6
22	8.6	6.6	7.4	13.0	11.6	12.2	16.8	15.0	15.9	23.4	22.6	22.9
23	8.7	7.2	8.0	14.6	12.2	13.2	17.9	15.9	16.8	23.7	22.5	23.0
24	9.4	7.8	8.6	15.8	14.0	14.7	18.9	16.8	17.6	23.4	22.3	22.6
25	9.4	8.9	9.2	16.7	15.1	15.6	20.3	18.4	19.2	23.6	22.7	22.9
26	10.3	9.3	9.7	17.0	15.3	16.1	20.9	19.4	19.9	24.7	23.3	23.8
27	10.5	9.3	9.9	17.7	16.6	17.0	---	---	---	25.6	24.0	24.6
28	---	---	---	18.8	17.6	18.2	22.2	21.0	21.5	25.8	24.6	25.2
29	---	---	---	18.9	17.7	18.0	22.7	21.4	22.0	26.7	25.2	25.8
30	---	---	---	18.1	16.5	17.1	22.5	20.8	21.6	27.1	26.0	26.4
31	---	---	---	18.1	16.9	17.4	---	---	---	27.1	25.9	26.3
Month	---	---	---	---	---	---	---	---	---	---	---	---

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS, BOTTOM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	27.4	25.9	26.4	29.2	28.5	28.8	30.2	29.1	29.5	29.4	28.7	29.0
2	27.4	26.6	26.9	28.6	27.4	27.8	30.7	29.3	29.9	29.1	27.5	28.0
3	26.6	25.0	25.9	28.2	26.9	27.5	30.6	29.7	30.0	28.0	26.9	27.4
4	26.4	24.9	25.6	28.2	26.8	27.3	30.7	30.0	30.2	28.3	27.1	27.6
5	27.0	25.6	26.1	28.4	27.2	27.7	31.3	30.0	30.4	28.6	27.6	27.9
6	27.4	26.2	26.6	28.9	27.8	28.2	31.5	30.1	30.7	28.7	27.7	28.1
7	28.0	26.6	27.1	29.1	28.1	28.6	31.2	30.4	30.7	28.8	27.8	28.2
8	27.9	26.9	27.2	29.1	28.2	28.7	31.1	30.5	30.8	28.4	27.6	28.0
9	29.0	27.4	28.0	29.4	28.4	28.7	31.5	31.0	31.1	28.2	27.1	27.8
10	29.0	27.8	28.3	30.4	29.0	29.5	31.7	31.2	31.3	28.0	26.7	27.3
11	28.1	26.8	27.3	30.8	29.0	29.6	31.7	30.5	30.9	28.0	27.3	27.5
12	27.7	26.7	27.2	30.6	29.3	29.9	30.5	29.0	29.8	28.0	27.5	27.8
13	27.5	26.9	27.2	30.4	29.6	29.9	30.1	29.4	29.6	27.7	27.0	27.3
14	27.0	25.4	26.0	29.8	29.0	29.4	30.1	29.0	29.5	27.6	26.5	26.9
15	25.4	23.9	24.7	30.4	29.2	29.6	30.4	29.5	29.9	27.4	26.6	27.0
16	25.3	24.2	24.7	30.6	29.3	29.9	30.5	29.6	30.0	27.1	25.6	26.3
17	26.6	24.8	25.4	30.6	29.5	30.0	30.5	29.4	30.0	25.8	24.9	25.2
18	28.0	26.0	26.5	30.3	29.0	29.7	30.0	29.0	29.6	25.0	24.3	24.6
19	28.6	27.2	27.6	30.1	29.4	29.7	29.7	28.6	29.0	24.8	23.7	24.1
20	28.6	27.7	28.0	30.2	29.5	29.8	29.5	28.8	29.1	24.1	23.8	23.9
21	27.9	27.0	27.4	29.9	29.0	29.3	30.5	29.2	29.6	24.5	23.8	23.9
22	28.0	27.0	27.2	29.2	28.2	28.7	30.4	29.4	29.9	24.5	24.2	24.4
23	28.1	27.1	27.3	28.4	27.3	27.8	30.2	29.4	29.7	25.2	24.4	24.6
24	28.8	27.4	28.1	28.3	27.4	27.6	29.9	29.3	29.5	26.2	24.9	25.7
25	28.4	27.7	28.0	28.4	27.7	28.1	30.5	29.5	29.8	26.2	25.5	25.9
26	28.3	27.7	28.0	28.6	28.0	28.3	30.6	29.6	30.1	26.7	25.8	26.0
27	29.4	27.9	28.2	29.8	28.4	29.0	30.5	29.8	30.0	27.7	26.4	26.8
28	29.7	28.8	29.1	30.3	29.0	29.6	30.2	29.3	29.8	27.5	26.5	26.9
29	29.7	28.7	29.2	30.4	29.5	29.9	30.1	29.4	29.7	27.4	25.7	26.5
30	29.5	28.3	28.8	30.0	29.5	29.6	29.8	29.2	29.5	25.7	24.6	25.1
31	---	---	---	29.9	29.1	29.5	29.4	29.0	29.1	---	---	---
Month	29.7	23.9	27.1	30.8	26.8	29.0	31.7	28.6	30.0	29.4	23.7	26.5

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, TOP
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	6.4	4.8	5.7	7.2	6.6	7.1	7.5	6.7	7.2	8.9	8.5	8.7
2	7.1	2.9	5.3	7.6	6.6	7.2	6.7	6.5	6.6	8.5	8.3	8.4
3	6.4	1.7	4.6	7.7	5.6	7.1	7.2	6.5	6.8	8.5	8.3	8.4
4	8.1	3.2	5.6	7.6	5.8	6.9	7.6	6.6	7.1	8.8	8.0	8.5
5	7.5	4.3	5.7	8.1	5.4	6.9	8.4	6.9	7.8	9.2	8.0	8.7
6	7.9	4.7	6.2	10.2	4.4	7.2	9.1	8.0	8.5	9.3	8.6	9.0
7	7.5	4.5	5.8	8.5	5.8	7.2	9.3	7.7	8.6	9.1	8.6	8.9
8	6.8	4.8	5.7	8.4	6.9	7.7	10.3	8.8	9.7	8.7	8.1	8.4
9	7.1	5.4	6.0	8.2	6.6	7.4	10.3	9.9	10.1	8.7	8.1	8.4
10	9.5	4.6	6.3	7.2	6.6	6.9	10.5	9.9	10.3	9.0	8.6	8.7
11	7.5	5.1	5.7	7.3	6.6	6.9	10.7	9.8	10.4	9.2	8.8	9.0
12	6.2	3.9	5.4	8.1	6.9	7.7	11.1	10.2	10.7	9.7	9.0	9.4
13	6.1	3.6	5.1	8.0	6.9	7.4	11.2	10.2	10.9	9.8	9.3	9.7
14	6.2	4.0	5.2	7.1	6.0	6.6	11.1	10.2	10.6	9.8	9.4	9.7
15	6.1	2.9	4.9	6.6	6.2	6.4	10.9	10.0	10.4	9.7	9.5	9.6
16	6.1	2.4	4.1	7.2	6.2	6.7	10.6	9.3	10.1	9.5	9.3	9.4
17	6.1	4.2	5.2	6.2	5.6	5.8	10.1	8.2	9.7	9.9	9.3	9.5
18	6.9	5.4	6.2	5.8	5.4	5.6	9.9	9.4	9.7	9.6	9.2	9.5
19	6.6	4.9	6.0	5.4	5.2	5.3	9.8	5.4	8.9	10.0	9.5	9.7
20	6.5	5.5	6.1	5.8	5.3	5.4	9.7	5.7	8.6	10.6	9.9	10.2
21	6.1	4.9	5.8	6.8	5.7	6.1	9.8	7.7	9.2	10.8	10.3	10.5
22	6.0	4.5	5.5	8.0	6.6	7.1	9.7	8.3	9.1	11.0	10.0	10.6
23	6.2	5.0	5.6	7.0	6.9	6.9	9.8	9.0	9.5	11.2	10.4	10.8
24	7.6	5.9	6.6	7.2	7.0	7.1	9.5	8.4	9.2	11.3	11.1	11.2
25	8.5	7.0	7.6	7.3	7.2	7.2	9.3	8.7	9.0	11.4	10.1	10.9
26	8.2	7.5	7.8	7.6	7.3	7.5	9.1	8.0	8.7	11.6	9.7	11.3
27	8.0	7.2	7.6	7.7	7.6	7.6	8.6	8.2	8.3	11.6	11.4	11.5
28	8.2	6.6	7.8	7.9	7.7	7.8	8.2	7.8	8.1	11.6	11.4	11.5
29	8.1	7.1	7.6	8.3	7.7	7.8	8.5	8.2	8.3	12.1	11.4	11.6
30	7.2	6.4	6.8	7.8	7.3	7.6	8.8	8.5	8.6	11.6	11.4	11.5
31	7.2	6.5	6.9	---	---	---	8.9	8.8	8.9	11.9	11.4	11.6
Month	9.5	1.7	6.0	10.2	4.4	6.9	11.2	5.4	9.0	12.1	8.0	9.8

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, TOP
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	12.0	11.6	11.7	10.5	10.0	10.2	7.7	7.0	7.3	7.4	5.6	6.1
2	12.1	11.7	12.0	10.2	9.7	10.0	7.7	7.3	7.5	---	---	---
3	12.1	11.8	12.0	9.9	9.6	9.8	7.9	7.2	7.5	7.0	6.2	6.6
4	12.1	11.8	11.9	9.8	9.5	9.6	7.5	6.9	7.2	6.9	6.1	6.5
5	12.1	11.9	12.0	9.9	9.2	9.4	7.8	6.9	7.2	6.6	5.6	6.2
6	12.2	11.9	12.1	9.7	9.5	9.5	8.0	7.0	7.3	7.4	4.2	6.2
7	12.4	12.0	12.2	9.7	9.5	9.6	9.0	7.2	7.8	8.9	5.0	7.5
8	12.4	12.0	12.3	9.8	9.6	9.7	8.9	8.1	8.4	9.2	7.7	8.3
9	12.6	12.3	12.5	9.9	9.6	9.7	8.4	7.8	8.1	8.3	6.8	7.5
10	12.5	12.3	12.4	10.2	9.3	9.7	8.7	7.8	8.1	7.7	6.0	6.6
11	12.4	12.1	12.3	10.2	9.6	9.8	8.9	8.0	8.4	6.4	5.8	6.1
12	12.3	12.1	12.2	10.1	9.7	9.8	8.7	8.2	8.5	6.6	5.8	6.3
13	12.2	12.1	12.1	9.9	9.6	9.7	9.1	8.3	8.6	7.4	5.9	6.6
14	12.5	11.9	12.0	9.8	9.4	9.6	8.9	7.8	8.6	9.4	6.4	7.1
15	12.0	11.4	11.8	9.8	9.2	9.4	---	---	---	7.4	6.2	6.6
16	11.6	11.3	11.5	9.4	8.9	9.2	---	---	---	7.9	5.6	6.6
17	12.0	11.5	11.6	9.3	8.8	9.0	---	---	---	6.7	6.0	6.3
18	12.3	11.9	12.1	9.4	8.7	8.9	---	---	---	6.6	6.1	6.3
19	12.4	11.9	12.3	9.6	8.9	9.2	---	---	---	7.0	6.2	6.6
20	12.4	12.0	12.3	9.9	9.4	9.7	7.7	7.2	7.4	7.5	6.3	6.8
21	12.2	11.8	12.0	9.9	9.3	9.7	7.5	7.0	7.3	9.8	6.5	7.4
22	11.9	11.4	11.7	9.7	9.0	9.4	7.4	6.7	7.2	9.3	7.0	7.7
23	11.6	11.2	11.4	9.4	8.9	9.1	7.2	6.7	7.0	9.1	7.3	8.2
24	11.5	10.8	11.1	8.9	8.6	8.7	7.2	6.7	7.0	9.9	7.5	8.4
25	11.0	10.6	10.7	8.8	8.2	8.5	7.1	6.6	6.8	10.5	7.8	8.9
26	11.1	10.5	10.6	8.5	7.9	8.2	7.2	6.5	6.7	11.2	8.0	9.6
27	10.8	10.5	10.6	8.1	7.6	7.8	---	---	---	11.4	8.7	9.9
28	10.7	10.4	10.5	8.1	7.4	7.6	6.8	5.8	6.3	11.3	8.5	9.8
29	---	---	---	7.8	7.2	7.4	7.0	5.8	6.4	11.2	8.4	9.5
30	---	---	---	7.6	6.8	7.2	6.8	5.9	6.3	---	---	---
31	---	---	---	7.5	6.6	6.9	---	---	---	---	---	---
Month	12.6	10.4	11.8	10.5	6.6	9.1	---	---	---	---	---	---

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, TOP
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	7.6	5.2	6.6	9.4	5.8	7.7	---	---	---
2	---	---	---	8.3	6.0	7.1	8.5	6.0	7.3	---	---	---
3	---	---	---	8.3	6.0	7.2	8.3	5.2	7.2	---	---	---
4	---	---	---	9.4	6.8	7.8	9.2	4.6	7.2	---	---	---
5	---	---	---	9.6	6.5	8.2	8.5	4.4	6.7	8.0	3.8	6.1
6	---	---	---	10.0	6.7	8.3	7.4	4.7	6.4	8.2	4.2	6.0
7	---	---	---	8.1	5.8	7.0	8.4	4.8	6.5	7.9	3.9	5.9
8	---	---	---	7.5	4.7	6.4	9.4	5.4	6.9	7.7	4.0	6.0
9	9.6	5.9	7.8	8.7	5.1	6.9	9.0	4.2	6.7	6.3	3.7	5.5
10	8.9	6.8	7.8	7.7	5.1	6.5	8.6	3.1	6.3	9.3	4.5	6.3
11	9.1	6.2	7.5	8.7	5.0	6.9	6.6	3.9	4.9	---	---	---
12	8.8	6.2	7.1	8.0	6.0	7.1	10.0	4.0	6.3	---	---	---
13	8.9	6.3	7.4	7.7	6.0	6.9	8.6	5.2	7.0	---	---	---
14	7.5	6.3	6.8	7.8	4.7	6.3	---	---	---	---	---	---
15	8.4	6.0	6.9	8.0	4.2	6.6	---	---	---	---	---	---
16	8.3	6.0	7.1	7.9	4.7	6.4	8.1	4.2	6.6	---	---	---
17	9.4	5.8	6.9	8.3	5.3	6.7	7.6	4.8	6.5	---	---	---
18	10.1	6.2	7.4	9.0	5.9	7.3	8.2	4.2	6.5	---	---	---
19	9.7	6.6	7.8	10.3	6.5	8.3	8.8	5.6	6.9	7.0	4.1	5.5
20	8.7	6.7	7.3	9.2	2.6	7.1	8.8	5.7	7.2	7.2	3.6	5.0
21	8.7	5.6	6.9	7.7	3.4	5.7	7.8	6.0	6.8	7.7	2.9	5.1
22	9.9	5.5	7.2	7.2	2.4	5.4	7.1	4.4	5.9	10.2	4.1	6.0
23	8.8	4.9	7.2	7.1	3.0	5.7	7.6	3.7	5.7	8.1	3.2	5.4
24	8.0	6.2	7.0	9.5	4.4	7.0	8.5	3.8	5.7	7.7	3.7	6.2
25	7.6	5.8	6.8	9.7	4.7	7.1	8.1	4.5	6.5	---	---	---
26	9.3	5.9	7.1	10.1	4.7	7.2	8.2	3.8	6.5	---	---	---
27	---	---	---	8.6	4.8	6.7	8.1	4.1	5.4	7.9	5.5	6.5
28	---	---	---	7.8	4.4	6.4	6.1	3.4	4.9	8.0	5.3	6.5
29	---	---	---	7.6	5.0	6.3	5.9	2.5	3.9	8.3	5.2	6.7
30	8.3	6.2	7.0	7.3	4.6	6.1	5.9	2.2	3.5	7.9	5.6	6.8
31	---	---	---	8.6	4.8	6.6	5.6	1.6	3.8	---	---	---
Month	---	---	---	10.3	2.4	6.8	---	---	---	---	---	---

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	5.0	1.4	3.0	7.4	3.4	6.8	7.7	6.8	7.4	9.1	8.8	9.0
2	2.7	0.0	1.0	7.5	2.4	4.8	7.0	6.7	6.8	8.8	8.6	8.7
3	0.4	0.0	0.1	6.9	2.5	5.1	7.4	6.7	7.0	8.7	8.5	8.6
4	2.0	0.0	0.1	5.9	3.5	4.3	7.8	5.5	7.1	8.9	8.5	8.7
5	0.5	0.0	0.1	4.4	2.6	3.3	8.3	2.9	5.5	9.4	8.4	8.9
6	4.7	0.0	1.6	4.3	2.9	3.4	9.2	3.2	5.4	9.5	8.8	9.3
7	4.6	1.4	2.6	6.8	2.7	3.3	9.7	8.2	9.1	9.3	8.4	9.0
8	6.9	3.0	5.6	8.4	3.8	7.3	10.7	8.4	9.7	8.9	8.1	8.5
9	6.1	4.9	5.5	8.1	3.9	6.4	10.4	8.5	9.6	8.9	6.6	8.4
10	7.0	4.1	5.1	7.2	1.0	4.0	10.7	8.1	9.7	9.1	8.8	8.9
11	5.8	4.0	4.9	7.2	4.3	6.5	10.7	7.2	8.9	9.3	9.0	9.1
12	5.1	2.3	3.3	8.0	6.6	7.5	10.5	6.2	7.2	9.8	9.3	9.6
13	4.6	2.1	3.3	7.9	7.0	7.4	7.1	5.7	6.1	9.9	9.8	9.8
14	4.0	1.9	2.4	7.1	6.6	6.8	---	---	---	9.9	9.6	9.8
15	2.5	1.0	1.6	6.6	6.3	6.4	---	---	---	9.8	9.2	9.6
16	3.6	0.9	1.5	7.3	6.2	6.7	7.5	3.6	4.4	9.5	7.7	9.1
17	5.3	2.6	3.7	6.2	5.8	5.9	4.3	3.5	3.7	9.8	2.5	8.0
18	6.9	3.6	5.2	6.0	5.5	5.8	4.1	3.5	3.8	9.4	4.1	8.1
19	6.4	3.3	4.4	5.6	5.3	5.4	5.0	3.4	3.6	10.0	5.8	9.1
20	6.5	3.1	5.0	6.0	5.4	5.7	4.8	3.4	3.7	10.4	5.7	9.5
21	5.2	2.7	3.5	7.1	5.8	6.4	4.9	3.4	3.7	10.5	3.6	9.2
22	3.4	2.0	2.5	---	---	---	4.0	3.2	3.5	10.9	5.2	10.0
23	5.7	1.5	3.2	---	---	---	9.6	3.2	6.5	11.1	9.3	10.7
24	7.7	5.5	6.7	---	---	---	9.8	5.7	7.8	11.1	10.7	11.0
25	8.1	6.7	7.4	---	---	---	9.6	5.2	8.0	11.5	9.5	10.9
26	7.9	6.6	7.6	---	---	---	9.3	8.7	9.0	11.3	8.6	10.6
27	7.0	4.8	5.6	---	---	---	8.8	8.3	8.5	11.2	11.0	11.1
28	8.1	4.8	7.0	---	---	---	8.4	8.3	8.4	11.3	11.1	11.2
29	8.1	7.1	7.6	---	---	---	8.7	8.4	8.6	11.9	11.1	11.4
30	7.2	6.5	6.8	8.2	7.5	7.9	9.0	8.7	8.9	11.3	11.1	11.2
31	7.2	6.2	6.8	---	---	---	9.2	9.0	9.1	11.6	11.1	11.3
Month	8.1	0.0	4.0	---	---	---	---	---	---	11.9	2.5	9.6

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	11.7	11.2	11.4	---	---	---	7.9	7.2	7.5	5.3	1.9	3.2
2	11.8	11.4	11.7	---	---	---	8.0	7.5	7.7	---	---	---
3	11.8	11.5	11.7	9.6	9.2	9.4	8.1	7.5	7.7	6.4	1.8	4.9
4	11.7	11.5	11.6	9.4	9.1	9.2	7.7	7.0	7.4	6.5	1.5	4.4
5	11.8	11.5	11.6	9.4	8.8	9.1	7.9	7.2	7.5	5.1	0.5	1.8
6	11.9	11.7	11.8	9.3	9.0	9.2	8.1	7.3	7.6	5.5	1.2	3.6
7	12.0	11.7	11.8	9.4	9.0	9.2	9.2	7.3	7.9	10.1	4.4	7.3
8	12.0	11.8	11.9	9.5	9.1	9.3	9.1	8.2	8.5	10.2	7.0	8.8
9	12.0	11.8	11.9	9.6	9.2	9.3	8.6	7.9	8.3	9.0	6.9	7.9
10	11.9	11.6	11.8	9.7	9.0	9.4	8.5	7.8	8.1	8.2	6.1	7.0
11	11.7	11.4	11.5	9.8	9.2	9.5	8.8	7.8	8.3	6.6	5.5	6.0
12	11.4	11.2	11.4	9.8	9.3	9.5	8.6	8.0	8.3	6.6	5.3	6.0
13	11.3	11.1	11.2	9.6	9.2	9.3	8.6	8.2	8.4	7.0	5.3	6.5
14	11.4	11.1	11.2	9.4	9.0	9.2	8.9	7.8	8.5	7.9	3.5	6.4
15	11.2	10.9	11.1	9.3	8.8	9.0	8.2	7.3	7.7	7.2	5.9	6.2
16	10.9	10.7	10.8	9.2	8.6	8.9	7.3	6.5	6.9	7.2	5.5	6.2
17	10.9	10.7	10.8	9.2	8.5	8.9	7.1	6.8	6.9	6.6	6.0	6.3
18	11.1	10.9	11.0	9.2	8.6	8.8	7.0	6.6	6.8	6.6	6.2	6.3
19	11.4	10.9	11.2	9.5	8.8	9.1	---	---	---	6.8	5.7	6.4
20	11.7	11.4	11.5	10.0	9.3	9.7	---	---	---	7.3	4.9	6.3
21	11.7	11.4	11.5	10.0	9.7	9.9	---	---	---	9.2	6.3	7.2
22	11.5	11.1	11.3	9.9	9.5	9.7	---	---	---	8.4	6.9	7.3
23	11.3	10.9	11.1	9.6	8.4	9.3	---	---	---	9.2	7.1	7.9
24	11.2	10.5	10.7	9.1	8.7	8.9	---	---	---	8.9	7.4	7.9
25	10.7	10.2	10.4	9.0	8.5	8.7	---	---	---	9.1	7.7	8.3
26	10.4	10.1	10.2	8.9	8.3	8.5	---	---	---	9.5	8.2	8.8
27	10.5	10.1	10.2	8.4	7.7	8.1	---	---	---	10.2	8.4	9.2
28	---	---	---	8.1	7.5	7.7	6.8	4.9	5.9	10.0	8.6	9.2
29	---	---	---	8.1	7.6	7.7	7.0	4.7	6.4	9.5	8.1	8.8
30	---	---	---	8.0	7.0	7.4	6.2	2.6	4.8	9.8	7.8	8.7
31	---	---	---	7.7	6.8	7.1	---	---	---	9.8	7.8	8.5
Month	---	---	---	---	---	---	---	---	---	---	---	---

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	9.7	7.1	8.3	6.9	4.2	5.8	5.9	0.9	3.2	5.5	0.8	3.2
2	9.7	7.2	8.2	7.9	5.2	6.1	7.1	1.0	4.6	4.8	2.6	3.6
3	8.0	5.6	6.5	7.5	5.6	6.2	7.4	3.0	5.1	5.3	2.5	3.8
4	6.8	4.9	5.7	6.8	5.1	5.9	6.8	2.2	3.7	6.3	2.9	4.4
5	6.4	4.7	5.4	6.8	5.2	5.9	6.4	1.5	3.8	5.6	2.3	4.1
6	7.8	5.0	5.9	7.4	5.1	6.1	7.1	3.6	5.7	5.4	2.2	3.7
7	7.9	5.7	6.7	6.9	4.4	5.5	6.0	1.6	4.0	6.5	2.0	3.8
8	7.3	5.3	6.3	6.2	4.0	5.2	5.3	0.8	2.4	5.8	1.4	3.6
9	8.8	5.7	7.0	7.0	3.0	4.7	2.6	0.8	1.4	6.0	2.9	4.3
10	8.8	6.1	7.3	7.7	3.0	4.8	6.3	0.1	1.2	6.0	3.7	4.6
11	8.0	3.5	6.1	7.8	4.7	6.5	6.1	3.4	4.3	4.6	1.8	3.2
12	8.0	4.2	6.3	7.8	5.8	6.8	6.2	1.0	3.9	6.7	2.9	4.6
13	8.8	5.7	7.0	7.8	4.0	6.3	5.4	1.9	3.3	7.6	4.1	5.5
14	7.4	5.7	6.6	6.6	2.1	4.4	4.2	0.2	1.9	7.3	3.9	5.5
15	8.4	5.6	6.5	8.0	1.1	3.5	6.2	1.3	3.3	6.7	4.4	5.3
16	7.6	5.8	6.6	8.0	4.0	5.7	6.1	2.2	3.8	7.8	3.4	5.1
17	7.6	5.2	6.3	7.9	4.6	5.9	6.6	3.2	4.5	7.8	3.4	5.6
18	8.0	5.5	6.3	6.8	5.5	6.1	6.6	3.4	5.2	---	---	---
19	7.9	6.2	6.6	6.8	1.8	3.6	6.4	3.3	4.9	---	---	---
20	7.9	6.0	6.6	5.7	1.0	2.3	6.2	2.9	4.3	---	---	---
21	6.2	4.8	5.5	4.7	0.4	1.9	6.1	2.0	3.3	---	---	---
22	6.8	2.3	4.2	5.1	0.0	1.9	6.1	2.1	4.2	---	---	---
23	4.8	1.3	2.5	2.9	0.0	1.3	4.2	0.7	2.4	---	---	---
24	7.5	3.8	6.0	2.8	0.6	1.5	3.6	0.3	1.9	---	---	---
25	6.8	5.1	5.9	3.4	0.0	1.5	2.4	0.1	1.0	---	---	---
26	6.3	3.7	5.0	1.8	0.0	0.5	2.5	0.0	0.7	6.7	3.5	4.9
27	8.6	2.8	4.1	3.3	0.0	1.0	3.2	0.0	2.0	7.2	4.7	5.8
28	8.8	5.9	7.2	4.8	0.0	1.7	5.8	0.4	2.9	7.0	3.8	5.4
29	9.0	5.9	7.4	5.3	0.8	3.2	5.8	0.8	3.3	7.8	4.3	6.0
30	7.2	5.7	6.3	4.7	0.9	3.0	3.0	0.1	1.4	7.0	4.3	6.0
31	---	---	---	5.6	0.3	2.3	3.4	0.2	1.4	---	---	---
Month	9.7	1.3	6.2	8.0	0.0	4.1	7.4	0.0	3.2	---	---	---

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, TOP
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	77	57	67	73	66	70	70	64	67	78	76	77
2	85	36	63	76	66	72	65	63	64	77	74	76
3	77	21	55	75	57	70	69	62	65	77	74	76
4	98	39	66	74	58	68	72	63	67	81	72	77
5	91	51	68	84	55	68	77	65	72	84	73	79
6	96	55	73	105	45	70	81	72	77	87	81	84
7	86	53	67	84	57	70	82	70	77	86	80	84
8	80	56	66	80	66	73	87	77	83	84	78	81
9	82	63	69	77	65	71	86	82	85	83	77	80
10	115	54	73	70	65	67	87	83	85	83	79	81
11	88	58	65	73	65	69	89	81	86	82	79	80
12	69	46	60	79	68	75	92	84	88	86	79	82
13	67	42	57	77	67	71	92	84	89	86	82	85
14	67	45	57	69	59	65	92	86	89	87	84	85
15	66	33	54	64	61	63	92	86	89	88	85	86
16	65	27	45	72	61	65	91	81	87	86	85	85
17	65	47	56	61	56	58	88	73	85	88	84	85
18	72	58	65	57	52	55	89	83	86	85	83	84
19	70	54	64	52	50	51	87	51	80	88	83	86
20	71	60	66	55	51	52	87	53	77	91	85	88
21	68	54	63	63	54	57	86	69	82	90	87	88
22	64	50	59	74	61	66	87	75	81	91	83	88
23	68	54	60	65	63	63	88	82	85	91	85	88
24	78	61	68	65	63	64	85	78	83	92	90	91
25	85	70	76	66	64	65	86	79	82	92	82	89
26	83	75	78	68	65	67	84	74	80	93	77	91
27	80	72	76	69	67	68	80	75	76	93	90	91
28	82	67	78	71	68	69	75	71	73	93	91	92
29	79	70	75	75	70	70	75	73	74	95	90	92
30	71	64	68	71	67	69	77	74	75	94	91	92
31	72	64	69	---	---	---	78	77	78	95	89	92
Month	115	21	65	105	45	66	92	51	80	95	72	85

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, TOP
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	94	91	92	94	89	91	83	73	77	90	65	72
2	94	91	93	95	91	93	83	77	80	---	---	---
3	95	92	94	94	89	91	88	77	81	82	72	78
4	97	93	94	92	88	89	83	76	79	78	70	74
5	96	92	94	92	85	88	86	76	79	75	63	69
6	96	93	94	89	87	88	86	75	78	82	48	70
7	98	94	95	90	86	87	92	75	81	98	56	83
8	97	93	96	90	86	88	90	81	85	99	84	89
9	98	95	97	91	85	88	85	79	82	90	75	82
10	99	96	97	96	84	89	89	77	81	89	67	74
11	98	95	97	97	88	91	88	79	83	75	65	69
12	99	94	97	96	90	92	89	80	85	77	66	72
13	99	96	97	96	90	92	93	82	86	85	67	75
14	103	96	98	94	89	93	91	79	87	109	70	80
15	98	93	96	99	89	93	---	---	---	85	70	76
16	95	92	94	95	88	91	---	---	---	95	64	77
17	95	91	93	89	85	87	---	---	---	79	69	73
18	97	93	95	89	81	84	---	---	---	75	69	71
19	98	91	96	90	82	85	---	---	---	80	70	75
20	99	95	97	93	86	90	77	71	74	88	71	78
21	99	96	98	93	88	91	76	71	73	116	75	87
22	100	95	97	90	86	88	75	70	73	111	81	91
23	99	94	97	92	84	87	76	68	72	108	85	96
24	98	94	95	91	84	86	78	69	74	118	87	99
25	96	92	94	91	82	86	79	71	75	128	91	105
26	99	92	94	86	82	83	83	71	75	139	94	116
27	98	92	94	84	78	81	---	---	---	144	104	122
28	97	92	93	87	78	82	78	65	72	143	103	120
29	---	---	---	84	76	79	81	66	74	144	103	118
30	---	---	---	79	72	75	80	67	73	---	---	---
31	---	---	---	79	69	73	---	---	---	---	---	---
Month	103	91	95	99	69	87	---	---	---	---	---	---

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, TOP
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	100	68	86	129	77	103	---	---	---
2	---	---	---	106	77	92	117	80	98	---	---	---
3	---	---	---	106	76	92	113	69	96	---	---	---
4	---	---	---	121	86	100	126	62	97	---	---	---
5	---	---	---	126	82	105	118	59	91	108	50	80
6	---	---	---	131	86	108	100	63	87	111	55	79
7	---	---	---	107	75	91	116	65	88	106	51	78
8	---	---	---	99	61	84	131	75	95	102	52	79
9	126	75	101	118	66	91	127	58	92	82	48	72
10	116	87	100	104	68	86	122	43	86	125	57	82
11	117	78	95	118	65	91	90	53	66	---	---	---
12	113	78	90	109	79	94	136	53	84	---	---	---
13	113	79	94	102	80	92	117	69	93	---	---	---
14	94	78	85	105	62	83	---	---	---	---	---	---
15	103	72	84	108	56	88	---	---	---	---	---	---
16	102	72	86	106	62	85	112	57	89	---	---	---
17	119	70	85	113	70	89	102	65	88	---	---	---
18	132	78	94	121	77	97	111	56	88	---	---	---
19	128	84	100	142	86	112	118	74	92	87	51	67
20	113	86	94	124	35	95	120	76	97	88	44	61
21	113	71	88	102	45	75	108	80	92	96	36	63
22	129	71	92	95	32	70	97	59	80	130	51	75
23	114	63	93	93	39	73	103	50	77	104	40	68
24	105	80	91	126	57	91	117	51	77	100	47	79
25	100	75	88	129	61	94	112	60	89	---	---	---
26	124	76	93	138	62	97	113	51	88	---	---	---
27	---	---	---	118	64	90	110	55	72	104	70	84
28	---	---	---	106	58	85	82	47	66	105	68	84
29	---	---	---	103	67	84	80	34	53	106	66	85
30	110	81	92	97	61	82	79	29	47	100	70	85
31	---	---	---	116	64	87	74	21	51	---	---	---
Month	---	---	---	142	32	90	---	---	---	---	---	---

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	61	17	36	75	35	67	72	65	69	81	79	80
2	33	0	13	75	25	49	67	64	66	79	77	78
3	5	0	1	68	26	53	71	64	67	78	76	77
4	24	0	2	59	37	45	73	53	68	82	76	79
5	6	0	0	46	27	34	77	29	52	86	77	81
6	55	0	20	45	30	35	82	32	51	89	83	87
7	54	17	31	66	28	34	86	74	81	88	80	85
8	82	36	66	79	39	70	89	75	83	86	79	83
9	72	58	64	77	40	62	88	76	83	85	63	80
10	84	49	60	70	10	39	89	73	82	84	81	82
11	69	48	59	72	43	64	88	66	77	83	80	81
12	60	27	39	78	65	74	88	58	65	86	82	84
13	53	25	39	76	68	71	64	53	57	87	85	86
14	45	22	28	69	64	66	---	---	---	87	84	86
15	29	12	19	64	61	63	---	---	---	88	82	86
16	41	10	18	73	61	65	67	34	41	87	70	83
17	57	29	41	61	57	58	40	33	35	87	22	72
18	72	40	56	59	53	56	39	33	36	84	36	72
19	68	37	48	54	51	52	47	33	34	88	53	80
20	70	35	55	57	52	54	45	33	35	90	49	81
21	57	30	40	66	55	60	46	33	36	88	30	77
22	39	23	28	---	---	---	38	31	34	90	43	83
23	60	17	35	---	---	---	87	31	60	90	76	87
24	78	58	68	---	---	---	88	54	72	91	87	90
25	81	67	74	---	---	---	89	50	74	93	77	89
26	79	67	76	---	---	---	86	81	83	91	69	85
27	71	49	58	---	---	---	82	76	79	90	87	88
28	80	49	70	---	---	---	77	75	76	91	88	89
29	80	71	75	---	---	---	77	75	76	93	88	90
30	72	64	67	74	69	72	79	76	77	90	88	89
31	72	61	68	---	---	---	81	78	80	92	88	89
Month	84	0	44	---	---	---	---	---	---	93	22	83

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	91	88	89	---	---	---	83	75	79	61	22	37
2	92	89	91	---	---	---	86	79	82	---	---	---
3	93	89	91	91	85	88	88	80	82	75	21	57
4	94	90	91	89	84	86	84	76	80	75	17	51
5	94	89	92	87	81	84	86	78	82	58	6	20
6	94	90	92	86	83	85	85	77	80	62	14	41
7	94	91	93	86	81	84	93	76	83	112	50	80
8	94	91	93	86	82	84	92	82	85	112	76	95
9	94	91	92	88	82	84	87	80	83	97	75	86
10	94	90	92	90	81	86	85	79	81	90	67	77
11	92	89	90	93	85	88	88	78	82	74	62	68
12	92	87	90	93	86	89	88	79	83	76	60	69
13	92	88	90	92	86	88	87	81	84	79	60	73
14	94	90	91	91	85	89	90	79	86	89	39	71
15	91	89	90	92	86	88	83	75	79	82	66	71
16	89	86	88	92	85	88	75	66	70	85	62	72
17	88	85	86	89	83	86	72	67	69	77	69	73
18	89	85	86	87	80	83	70	66	68	74	70	72
19	90	84	87	89	81	84	---	---	---	77	65	72
20	95	88	91	94	85	89	---	---	---	85	56	71
21	94	92	93	93	90	92	---	---	---	109	72	84
22	96	92	94	92	88	90	---	---	---	99	80	86
23	97	91	94	92	82	89	---	---	---	109	82	92
24	95	90	92	90	86	88	---	---	---	105	85	92
25	93	89	90	93	85	88	---	---	---	107	90	97
26	93	88	90	90	84	86	---	---	---	114	96	105
27	94	88	91	87	80	84	---	---	---	125	100	111
28	---	---	---	86	79	82	78	55	67	123	104	112
29	---	---	---	87	80	82	81	54	73	117	101	108
30	---	---	---	84	74	77	72	30	55	123	97	109
31	---	---	---	81	71	74	---	---	---	123	96	106
Month	---	---	---	---	---	---	---	---	---	---	---	---

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	123	88	103	90	54	76	79	12	42	74	11	43
2	123	90	104	102	66	78	96	13	61	64	34	48
3	100	69	80	96	71	79	99	40	68	69	32	49
4	85	60	70	87	64	75	92	30	50	83	38	57
5	80	58	67	88	66	75	86	20	51	73	30	53
6	99	62	73	96	65	78	97	49	77	72	29	49
7	101	71	85	90	57	72	82	22	55	86	26	50
8	93	67	80	81	52	67	72	11	33	76	18	47
9	115	72	89	91	39	61	36	11	19	78	38	56
10	115	78	95	103	39	64	86	1	16	78	48	59
11	102	45	78	105	62	86	84	46	59	61	23	42
12	102	53	80	105	76	91	83	13	52	88	38	60
13	112	72	89	104	53	84	72	26	44	99	53	72
14	93	70	82	87	28	57	57	3	26	95	50	71
15	103	67	78	107	15	46	84	18	45	87	57	68
16	93	70	79	107	53	76	83	30	51	99	44	64
17	94	63	77	106	61	79	89	43	60	98	43	70
18	103	68	79	91	72	81	89	45	69	---	---	---
19	102	79	84	90	24	48	85	44	66	---	---	---
20	102	77	85	76	13	31	82	39	57	---	---	---
21	79	61	69	62	5	26	82	27	45	---	---	---
22	87	29	53	68	0	26	82	28	56	---	---	---
23	62	17	32	38	0	17	57	9	32	---	---	---
24	98	49	77	37	8	20	49	4	26	---	---	---
25	87	65	76	45	0	20	32	1	13	---	---	---
26	81	48	64	24	0	7	34	0	10	86	45	63
27	113	36	53	44	0	13	43	0	27	95	60	75
28	116	77	94	65	0	23	78	5	40	92	49	70
29	119	77	97	72	11	42	78	11	45	100	55	77
30	95	74	83	63	12	40	41	1	19	88	54	76
31	---	---	---	75	4	31	46	3	18	---	---	---
Month	123	17	78	107	0	54	99	0	43	---	---	---