

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 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	14.9, July 31, August 1	<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	0.6, January 29, 2000
WATER TEMPERATURE (BOTTOM), °C	32.6, July 31, 1999	0.6, January 29, 2000
DISSOLVED OXYGEN (TOP), mg/L	15.3, November 22, 2001	<1.0 on many days during the period
DISSOLVED OXYGEN (BOTTOM), mg/L	12.5, January 17, 2001	<1.0, on many days during the period

EXTREMES FOR CURRENT YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY (TOP), ppt	14.4, January 3	<0.1, on many days during the year
SALINITY (BOTTOM), ppt	14.9, July 31, August 1	<0.1, on many days during the year
pH (TOP), standard units	8.9, October 12, February 25, May 23, 24	6.0, April 17, 18
pH (BOTTOM), standard units	8.3, October 28	6.1, April 12, 20
WATER TEMPERATURE (TOP), °C	32.3, August 1	2.9, January 9
WATER TEMPERATURE (BOTTOM), °C	31.2, August 2	4.8, January 4
DISSOLVED OXYGEN (TOP), mg/L	15.3, November 22	<1.0, August 30, 31
DISSOLVED OXYGEN (BOTTOM), mg/L	10.6, January 4	<1.0, on several days during the year
DISSOLVED OXYGEN, PERCENT SATURATION (TOP), %	155, October 12	<10, August 30, 31
DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM), %	110, October 15	<10, on many days during the year

PAMLICO RIVER BASIN

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02084472 PAMLICO RIVER AT WASHINGTON, NC--Continued

SALINITY (PARTS PER THOUSAND), TOP, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.3	4.6	7.6	10.6	6.4	8.4	6.7	4.5	5.5	12.6	6.2	10.2
2	10.1	5.3	8.5	8.5	6.4	7.6	9.8	4.6	6.9	13.6	7.5	11.7
3	10.6	4.9	8.7	8.0	6.1	7.3	12.0	5.4	9.9	14.4	6.0	9.8
4	8.1	4.5	6.6	8.8	6.0	7.7	---	---	---	11.5	6.9	9.1
5	7.2	5.5	6.3	10.7	5.5	7.9	---	---	---	11.4	5.7	9.6
6	6.7	4.5	5.6	10.6	7.1	8.7	---	---	---	10.5	4.3	7.6
7	6.9	4.6	6.0	11.1	6.7	9.5	---	---	---	6.1	2.7	4.6
8	9.6	4.8	7.5	10.7	6.4	9.1	---	---	---	6.5	2.1	3.9
9	8.8	5.5	7.4	11.1	6.3	9.0	---	---	---	6.5	0.81	1.5
10	8.5	5.7	6.9	10.1	6.6	8.4	---	---	---	8.2	0.87	2.3
11	7.1	4.4	5.5	11.7	5.5	8.3	---	---	---	7.3	0.70	2.0
12	7.8	3.8	5.2	11.8	7.7	10.0	14.3	12.2	13.5	8.9	0.92	3.0
13	6.6	4.3	5.4	12.8	7.0	10.5	14.1	7.5	12.9	3.4	0.44	1.2
14	6.3	4.4	5.3	12.1	7.1	10.0	12.9	5.0	8.5	4.9	0.25	0.83
15	6.6	3.2	5.0	11.1	7.4	9.3	10.9	5.6	7.8	4.7	0.33	1.1
16	6.7	4.1	5.4	12.2	7.4	10.1	11.7	7.0	9.5	8.2	0.41	2.2
17	5.4	2.4	4.2	12.7	7.6	10.8	10.2	6.2	8.2	6.5	0.50	2.4
18	8.0	4.1	5.9	12.6	8.1	11.2	7.4	2.7	5.3	11.3	0.60	3.7
19	8.5	3.7	6.6	12.3	8.0	10.3	8.4	5.7	7.0	11.3	0.77	4.5
20	7.0	3.4	5.3	10.9	6.3	9.0	7.0	3.1	4.6	9.4	0.97	3.5
21	6.1	3.7	5.0	11.5	8.0	10.3	7.6	3.5	5.3	2.4	0.20	0.84
22	6.4	3.3	4.6	12.0	7.4	10.4	10.5	5.8	8.7	0.41	0.10	0.25
23	5.9	3.4	4.7	10.8	7.0	9.1	11.1	5.9	8.7	0.26	0.05	0.09
24	6.1	2.9	4.5	10.3	7.3	8.6	9.2	3.6	5.8	0.07	0.04	0.05
25	5.1	2.7	3.8	8.5	6.6	7.7	11.5	4.3	9.9	0.05	0.04	0.04
26	5.2	2.4	3.8	8.9	6.4	7.5	12.4	5.5	9.7	0.04	0.04	0.04
27	5.1	2.9	4.3	10.1	6.1	8.0	11.5	5.8	8.4	0.05	0.04	0.04
28	7.2	2.5	4.9	8.0	5.3	6.7	9.8	5.3	8.2	0.05	0.04	0.04
29	8.5	4.5	6.4	9.8	4.8	7.3	9.2	5.3	7.4	0.05	0.04	0.04
30	9.5	5.5	8.2	6.8	4.4	5.7	9.3	5.4	7.4	0.17	0.04	0.06
31	10.8	3.5	8.3	---	---	---	11.2	5.7	8.9	1.2	0.06	0.17
MONTH	10.8	2.4	5.9	12.8	4.4	8.8	---	---	---	14.4	0.04	3.1
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	0.59	0.11	0.25	7.9	1.8	3.6	0.06	0.04	0.05	0.81	0.06	0.34
2	7.1	0.07	2.7	5.5	2.2	3.8	0.05	0.04	0.04	0.73	0.06	0.24
3	12.4	0.42	2.3	4.3	0.14	0.83	0.04	0.04	0.04	0.88	0.07	0.37
4	1.7	0.22	0.96	0.94	0.10	0.26	0.04	0.03	0.04	1.1	0.29	0.63
5	6.1	0.18	3.5	0.65	0.08	0.16	0.04	0.03	0.03	0.76	0.07	0.22
6	7.6	1.1	3.5	0.18	0.07	0.09	0.03	0.03	0.03	0.98	0.13	0.40
7	7.4	0.36	2.8	0.43	0.06	0.11	0.03	0.03	0.03	0.47	0.08	0.14
8	6.3	0.31	1.8	0.25	0.06	0.11	0.03	0.03	0.03	2.6	0.20	0.64
9	4.4	0.30	0.78	0.31	0.06	0.10	0.03	0.03	0.03	1.1	0.21	0.54
10	1.1	0.05	0.27	0.34	0.05	0.11	0.04	0.03	0.04	1.4	0.11	0.39
11	0.44	0.05	0.11	0.51	0.06	0.21	0.04	0.04	0.04	2.8	0.25	1.2
12	0.11	0.04	0.05	0.10	0.06	0.06	0.05	0.04	0.04	1.4	0.10	0.63
13	0.57	0.04	0.10	1.0	0.06	0.17	0.04	0.04	0.04	0.73	0.14	0.33
14	2.8	0.06	0.40	3.9	0.06	0.67	0.05	0.04	0.04	0.85	0.07	0.28
15	0.30	0.06	0.15	0.52	0.06	0.15	0.05	0.04	0.05	1.3	0.46	0.96
16	2.0	0.05	0.26	0.39	0.06	0.11	0.05	0.05	0.05	1.3	0.33	0.71
17	2.1	0.05	0.46	1.0	0.06	0.41	0.05	0.05	0.05	1.1	0.35	0.67
18	4.0	0.21	1.6	8.0	0.07	1.5	0.05	0.05	0.05	1.1	0.06	0.51
19	6.3	0.38	1.8	7.6	0.86	4.1	0.05	0.05	0.05	1.8	0.59	0.97
20	2.7	0.34	0.99	2.1	0.34	0.67	0.30	0.05	0.08	4.7	0.77	1.9
21	1.4	0.13	0.49	2.9	0.25	1.1	4.4	0.05	1.3	4.9	1.2	2.7
22	8.2	0.20	2.3	2.5	0.07	0.47	2.2	0.05	0.54	5.2	1.5	3.9
23	10.5	1.1	6.5	0.14	0.06	0.09	4.9	0.25	1.7	5.6	1.7	3.5
24	11.7	2.7	9.8	0.12	0.05	0.07	4.6	0.67	1.9	5.2	1.4	2.5
25	11.2	1.8	6.9	0.07	0.05	0.05	1.3	0.08	0.44	3.8	1.3	2.7
26	6.6	1.9	3.3	0.28	0.05	0.10	1.4	0.09	0.73	3.1	2.1	2.7
27	2.9	0.58	1.6	0.42	0.05	0.12	1.2	0.11	0.56	3.5	1.7	2.6
28	3.5	0.74	2.3	5.8	0.05	0.77	0.44	0.06	0.19	3.3	1.8	2.6
29	---	---	---	1.0	0.05	0.34	0.61	0.06	0.18	3.5	1.9	2.7
30	---	---	---	0.06	0.05	0.05	0.84	0.15	0.51	3.0	1.5	2.2
31	---	---	---	0.05	0.04	0.05	---	---	---	2.5	1.0	1.9
MONTH	12.4	0.04	2.1	8.0	0.04	0.66	4.9	0.03	0.30	5.6	0.06	1.4

PAMLICO RIVER BASIN

02084472 PAMLICO RIVER AT WASHINGTON, NC--Continued

SALINITY (PARTS PER THOUSAND), TOP, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	2.2	0.78	1.3	4.7	2.8	3.8	10.1	5.4	8.0	10.4	0.35	2.0
2	2.4	0.46	1.5	4.5	2.6	3.7	9.2	6.3	8.0	9.1	0.38	1.4
3	3.8	1.8	2.6	4.4	2.3	3.4	9.8	6.8	8.6	6.0	0.14	0.80
4	3.2	1.9	2.4	4.5	1.8	3.2	10.0	7.6	8.8	0.45	0.04	0.10
5	2.3	0.87	1.6	5.0	3.0	3.8	9.4	7.5	8.6	0.21	0.04	0.07
6	1.8	0.79	1.2	6.7	2.6	4.1	11.1	6.2	8.5	0.14	0.03	0.06
7	2.5	0.47	1.3	5.5	3.5	4.1	10.3	7.8	9.0	0.05	0.03	0.04
8	3.7	1.5	2.2	5.1	2.9	4.0	12.2	7.0	9.6	0.07	0.03	0.04
9	4.0	1.1	2.3	4.5	2.1	3.3	11.9	8.7	10.4	0.16	0.04	0.06
10	3.4	0.93	2.4	4.7	2.1	2.8	11.7	8.2	10.1	7.3	0.16	2.1
11	3.0	1.2	2.1	5.1	3.1	4.2	11.3	8.4	9.9	7.4	0.49	4.4
12	2.5	0.97	1.7	5.5	4.4	4.8	10.3	8.7	9.4	9.7	2.9	6.0
13	2.8	0.96	1.8	5.4	3.7	4.7	10.0	7.5	8.9	7.5	1.6	3.8
14	2.8	1.2	1.9	4.6	3.0	3.9	9.7	8.2	9.1	3.2	0.71	1.8
15	3.1	1.2	2.3	6.7	2.1	3.9	9.2	7.8	8.5	1.6	0.18	0.60
16	4.5	2.0	3.3	7.3	2.1	4.0	8.6	6.4	7.6	0.37	0.10	0.20
17	5.2	2.1	3.8	---	---	---	8.1	6.3	7.2	4.7	0.13	0.62
18	5.0	3.7	4.4	8.0	4.4	5.7	9.1	6.0	7.6	4.2	0.06	0.55
19	5.0	3.2	4.0	7.0	3.2	5.2	11.3	7.1	9.2	0.06	0.04	0.05
20	4.9	3.4	4.4	9.4	3.7	5.9	10.6	7.9	9.2	0.08	0.03	0.04
21	5.9	3.5	4.6	8.9	5.9	7.3	10.8	7.9	9.9	0.08	0.03	0.04
22	4.6	3.3	4.1	8.6	5.9	7.4	10.2	8.8	9.7	0.07	0.03	0.05
23	4.6	2.7	3.7	---	---	---	10.0	5.7	8.5	0.12	0.05	0.06
24	3.9	2.1	3.1	6.6	4.6	5.6	9.7	7.6	8.8	1.0	0.05	0.23
25	3.8	0.14	2.3	7.2	3.8	5.5	10.7	7.6	9.4	2.3	0.06	0.62
26	1.5	0.18	1.0	7.7	4.7	6.4	10.7	9.0	9.9	3.0	0.14	1.1
27	3.2	1.0	2.2	6.6	3.4	5.1	10.2	7.8	9.0	0.67	0.05	0.13
28	3.3	1.7	2.2	7.2	2.6	4.6	10.1	6.9	8.7	0.98	0.06	0.27
29	4.1	2.4	3.2	8.7	1.8	4.7	9.3	5.4	7.3	1.0	0.32	0.54
30	4.7	3.0	3.6	10.9	2.8	6.5	11.3	1.4	4.7	2.7	0.16	0.97
31	---	---	---	12.5	7.0	10.2	12.4	1.1	5.9	---	---	---
MONTH	5.9	0.14	2.6	---	---	---	12.4	1.1	8.6	10.4	0.03	0.96

SALINITY (PARTS PER THOUSAND), BOTTOM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	11.4	10.2	10.7	11.6	9.6	11.1	10.9	7.9	10.0	13.0	12.1	12.6
2	11.2	10.2	10.8	11.0	8.2	10.3	11.5	9.8	10.7	13.9	12.7	13.5
3	11.9	9.7	11.4	10.4	8.3	9.6	12.7	11.0	12.2	14.0	12.8	13.5
4	11.7	8.4	10.7	10.7	9.1	10.1	13.0	11.5	12.7	13.1	10.5	12.0
5	10.4	7.5	9.5	11.3	9.7	10.9	13.0	12.4	12.9	12.1	10.7	11.7
6	10.1	7.1	8.8	11.7	10.7	11.3	12.9	12.4	12.8	11.9	5.7	10.7
7	10.3	6.0	7.8	11.5	11.3	11.4	12.7	12.0	12.5	10.7	6.5	9.7
8	10.7	9.9	10.3	11.5	10.7	11.3	13.3	10.7	12.6	12.4	9.2	10.5
9	10.0	8.6	9.4	11.9	10.2	11.3	13.7	11.6	12.8	12.9	12.4	12.7
10	10.5	9.6	10.1	13.3	10.4	12.4	14.6	13.4	14.3	12.9	12.6	12.8
11	10.5	10.0	10.3	13.3	11.3	12.7	14.6	13.9	14.3	13.1	12.8	13.0
12	10.3	8.6	9.9	13.0	11.3	12.6	14.7	14.1	14.5	12.9	11.7	12.7
13	9.1	7.3	8.3	13.3	12.5	12.9	14.7	14.5	14.6	12.6	2.8	9.2
14	8.6	5.8	7.6	13.0	11.9	12.7	14.5	11.7	14.0	10.1	8.8	9.8
15	7.3	5.1	6.4	12.7	11.5	12.3	13.7	10.9	12.6	10.4	9.5	10.0
16	8.5	6.6	7.8	12.6	11.8	12.4	13.3	10.6	12.3	11.3	9.2	10.4
17	8.3	4.5	6.8	13.0	12.0	12.7	12.8	8.5	11.9	11.8	11.1	11.5
18	10.9	6.0	9.0	13.0	11.7	12.7	11.7	3.3	7.3	12.9	11.4	12.1
19	11.2	10.5	11.1	13.0	11.8	12.6	11.7	6.8	10.1	13.4	10.9	12.9
20	11.1	8.6	10.5	13.0	11.3	12.3	12.0	7.7	10.7	13.3	7.0	11.6
21	10.3	7.9	9.3	12.3	10.8	11.9	12.2	9.5	10.5	12.5	10.0	11.5
22	9.4	7.6	8.8	12.5	11.6	12.3	12.0	10.4	11.5	14.1	11.2	13.2
23	9.1	6.3	8.2	12.4	10.7	12.0	13.0	12.0	12.7	14.2	0.25	10.3
24	9.7	7.2	8.8	11.5	8.1	10.1	12.7	11.1	12.1	0.25	0.04	0.05
25	9.7	7.2	8.9	10.0	8.0	9.1	12.4	11.5	12.0	0.05	0.04	0.04
26	9.3	5.1	7.4	11.0	8.8	10.1	13.4	12.2	12.7	1.1	0.04	0.06
27	8.7	6.8	8.1	11.3	10.4	11.1	13.0	11.3	12.4	0.04	0.04	0.04
28	8.4	7.1	7.8	11.4	10.9	11.1	12.6	11.5	12.1	0.04	0.04	0.04
29	10.3	7.3	9.5	11.8	10.8	11.6	12.0	9.5	11.3	0.14	0.04	0.04
30	11.0	10.3	10.7	11.7	7.6	10.7	11.8	8.5	10.1	14.0	0.04	11.4
31	11.6	10.2	11.1	---	---	---	12.3	10.4	11.9	14.5	8.7	14.0
MONTH	11.9	4.5	9.2	13.3	7.6	11.5	14.7	3.3	12.1	14.5	0.04	9.5

PAMLICO RIVER BASIN

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02084472 PAMLICO RIVER AT WASHINGTON, NC--Continued

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DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	14.5	12.0	14.1	9.5	3.2	8.4	0.05	0.04	0.05	3.2	0.06	1.8
2	14.2	11.7	13.3	8.9	5.9	7.9	0.05	0.04	0.04	3.4	0.17	1.4
3	14.0	13.3	13.7	6.1	0.22	1.4	0.04	0.04	0.04	1.4	0.06	0.72
4	14.1	1.3	12.4	6.3	0.16	3.6	0.04	0.03	0.04	1.3	0.32	0.74
5	12.6	1.4	7.1	6.0	3.2	5.4	0.04	0.03	0.03	1.4	0.09	0.44
6	9.7	9.0	9.4	6.5	4.2	6.1	0.04	0.03	0.03	3.8	0.92	2.8
7	10.2	2.5	8.0	7.0	5.2	6.5	0.03	0.03	0.03	3.9	3.5	3.7
8	11.3	3.5	9.5	6.9	3.6	6.4	0.03	0.03	0.03	3.6	2.6	3.2
9	11.9	10.7	11.6	6.7	0.26	4.4	0.04	0.03	0.03	2.7	0.86	2.0
10	11.8	0.26	8.5	2.3	0.05	0.39	0.04	0.03	0.04	2.6	0.67	1.8
11	7.4	0.05	0.86	0.83	0.06	0.30	0.05	0.04	0.04	3.2	1.0	2.2
12	0.48	0.04	0.09	4.9	0.06	2.2	0.05	0.04	0.04	4.6	1.4	3.4
13	8.4	0.04	3.4	5.0	0.18	3.5	0.05	0.04	0.04	4.6	1.3	3.8
14	9.9	8.3	9.3	6.7	2.1	5.6	0.05	0.04	0.05	1.5	0.06	0.51
15	10.0	8.2	9.8	5.6	0.88	3.1	0.05	0.04	0.05	3.3	0.80	2.0
16	9.9	4.8	9.2	5.6	0.82	4.1	0.05	0.05	0.05	4.6	1.5	3.6
17	9.4	1.6	6.2	7.7	1.7	5.8	0.05	0.05	0.05	3.5	1.3	2.8
18	6.7	1.8	5.0	10.0	7.7	9.0	0.06	0.05	0.05	3.5	0.06	1.4
19	8.3	6.1	7.3	10.1	9.7	10.0	0.35	0.05	0.06	2.2	0.56	1.3
20	8.1	6.1	7.7	10.0	9.0	9.7	4.4	0.05	0.73	5.3	1.7	4.2
21	8.0	1.3	5.9	9.5	1.4	7.2	7.4	1.5	5.5	6.1	3.4	5.0
22	10.7	6.0	8.9	7.0	0.48	2.6	5.7	0.05	2.2	6.1	5.2	5.8
23	11.8	10.6	11.2	5.1	0.66	4.1	7.8	3.0	6.0	6.0	4.3	5.5
24	12.1	11.5	11.9	4.5	0.42	3.0	7.4	3.2	5.5	6.0	3.2	5.0
25	12.1	11.7	11.9	4.3	0.05	2.1	5.8	0.54	4.3	5.3	3.5	4.6
26	11.8	6.1	10.9	5.3	0.09	3.6	4.5	0.63	1.6	3.5	2.7	3.2
27	10.3	2.1	7.0	3.1	0.05	0.59	2.4	0.33	1.4	3.6	2.4	3.2
28	6.7	3.2	4.5	7.8	0.05	4.7	1.0	0.06	0.32	3.4	2.4	2.9
29	---	---	---	7.9	0.17	5.9	1.5	0.06	0.34	3.5	2.3	2.9
30	---	---	---	1.8	0.05	0.11	3.0	0.14	0.87	3.3	1.8	2.7
31	---	---	---	0.06	0.04	0.05	---	---	---	3.8	1.8	2.8
MONTH	14.5	0.04	8.5	10.1	0.04	4.4	7.8	0.03	0.98	6.1	0.06	2.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	4.4	1.7	3.1	8.4	4.9	7.4	14.9	11.1	14.0	13.3	7.4	12.9
2	4.2	1.8	3.1	7.6	4.4	6.6	13.6	10.4	12.5	13.5	3.4	12.0
3	4.9	2.7	4.2	7.5	4.6	6.7	12.6	9.3	11.5	13.5	1.5	11.4
4	4.8	2.5	3.6	7.6	6.8	7.3	11.2	9.2	10.3	12.5	0.06	3.8
5	4.8	1.9	3.9	7.6	6.7	7.4	10.0	8.6	9.3	13.1	0.05	6.6
6	3.9	1.8	3.1	7.9	4.8	6.4	11.9	9.4	10.3	13.6	0.04	6.7
7	3.3	1.3	2.3	7.3	4.4	5.8	12.0	9.3	10.7	11.5	0.03	2.1
8	4.5	1.7	3.1	8.0	6.1	7.3	12.7	9.8	11.6	11.4	0.03	1.6
9	5.7	3.4	4.9	7.7	5.7	7.2	12.4	9.9	11.4	12.0	0.04	6.4
10	5.8	2.4	4.8	7.5	5.0	6.7	12.1	10.2	11.5	12.4	2.1	9.8
11	5.5	2.0	4.6	5.7	4.0	5.0	11.4	9.8	10.7	11.0	7.3	10.2
12	5.0	2.0	3.7	8.5	4.7	7.4	11.5	9.4	10.6	11.4	6.8	10.2
13	4.6	2.2	3.8	9.2	5.6	8.5	11.3	9.4	10.8	10.7	4.5	7.3
14	3.9	1.6	2.9	8.8	6.9	7.8	10.6	9.0	10.0	7.3	2.9	5.6
15	5.2	1.8	3.8	7.8	5.0	7.1	11.0	9.2	10.2	6.2	4.6	5.5
16	7.1	3.2	5.3	9.2	4.9	7.7	11.3	9.0	10.3	6.2	0.62	4.7
17	6.9	3.6	5.3	---	---	---	11.7	10.5	11.4	6.0	3.1	5.1
18	7.0	4.5	5.7	9.1	4.9	7.2	11.6	10.6	11.3	5.9	0.22	3.5
19	6.8	4.3	5.7	9.2	5.0	8.1	12.5	10.7	11.9	5.5	0.04	1.2
20	5.4	4.2	4.9	10.6	7.5	9.0	12.6	10.2	11.9	0.05	0.03	0.04
21	6.1	4.5	5.3	9.8	6.5	8.0	11.0	9.6	10.4	0.07	0.03	0.04
22	5.3	4.3	4.8	9.8	6.4	8.2	11.2	9.3	10.1	0.06	0.03	0.04
23	5.0	3.4	4.2	---	---	---	11.8	9.6	10.8	0.15	0.04	0.06
24	5.8	3.8	4.9	9.1	7.3	8.5	11.8	9.5	10.9	3.5	0.05	0.94
25	6.0	4.0	5.2	9.3	5.7	8.5	11.5	8.4	10.0	4.9	0.22	4.0
26	5.5	4.0	5.0	8.8	6.4	7.7	10.8	9.5	10.2	4.5	0.71	2.7
27	5.4	3.2	4.6	9.0	4.1	6.8	10.7	8.5	9.6	2.1	0.15	1.1
28	5.1	3.2	4.1	10.1	4.0	8.1	10.7	8.1	9.6	1.8	0.07	0.91
29	5.3	3.3	4.2	11.2	9.3	10.5	11.8	8.0	10.4	4.1	0.41	2.1
30	8.0	3.7	6.5	13.7	9.9	12.0	13.0	10.3	12.4	5.5	1.8	4.1
31	---	---	---	14.9	13.7	14.4	13.4	4.7	12.6	---	---	---
MONTH	8.0	1.3	4.4	---	---	---	14.9	4.7	10.9	13.6	0.03	4.8

PAMLICO RIVER BASIN

02084472 PAMLICO RIVER AT WASHINGTON, NC--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, TOP, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.8	7.2	7.4	8.1	7.2	7.6	7.6	7.0	7.2	8.1	7.4	7.7
2	8.0	7.2	7.5	8.3	7.4	7.7	7.8	7.0	7.2	8.0	7.4	7.7
3	8.2	7.1	7.4	8.3	7.3	7.7	7.7	7.1	7.2	7.8	7.3	7.6
4	7.9	7.2	7.5	8.1	7.2	7.6	7.9	7.0	7.3	7.9	7.3	7.6
5	8.1	7.2	7.6	7.9	7.0	7.4	7.9	7.0	7.3	7.9	7.5	7.7
6	7.7	7.2	7.4	8.3	7.2	7.6	8.0	7.0	7.3	7.8	7.2	7.5
7	7.4	7.1	7.3	8.2	7.3	7.7	7.6	7.0	7.3	7.3	7.1	7.2
8	7.4	7.1	7.2	8.4	7.2	7.7	7.9	7.0	7.4	7.5	7.1	7.2
9	7.7	7.2	7.3	8.2	7.3	7.7	8.3	7.0	7.5	7.3	6.9	7.1
10	8.4	7.1	7.4	8.4	7.2	7.7	7.8	7.0	7.3	7.6	6.9	7.1
11	8.8	7.2	7.9	8.1	7.0	7.6	7.4	6.9	7.2	7.5	7.0	7.1
12	8.9	7.1	7.9	7.9	7.0	7.4	7.3	7.0	7.2	7.6	7.0	7.2
13	8.4	7.1	7.6	7.9	6.9	7.4	7.3	7.0	7.1	7.3	7.0	7.1
14	8.3	7.3	7.7	8.2	6.9	7.3	7.6	6.9	7.2	7.2	6.8	7.0
15	8.3	7.3	7.7	8.1	6.8	7.5	8.1	7.0	7.3	7.2	6.8	6.9
16	8.6	7.4	7.7	8.0	7.0	7.4	8.2	7.1	7.4	7.4	6.7	7.0
17	8.2	7.3	7.6	7.8	7.0	7.4	8.1	7.1	7.4	7.4	7.0	7.1
18	8.3	7.5	7.8	8.2	7.1	7.5	7.5	7.1	7.2	7.3	7.0	7.1
19	8.4	7.4	7.7	8.3	7.1	7.5	8.3	7.3	7.5	7.2	7.0	7.1
20	8.3	7.5	7.8	7.8	7.0	7.5	7.6	7.1	7.3	8.4	7.0	7.3
21	8.1	7.5	7.7	7.8	7.2	7.4	7.9	7.2	7.4	7.1	6.9	7.0
22	8.2	7.4	7.8	8.7	7.1	7.6	8.3	7.4	7.7	7.0	6.8	6.9
23	8.1	7.5	7.7	8.0	7.2	7.5	8.0	7.2	7.5	6.9	6.7	6.9
24	8.0	7.5	7.6	7.9	7.2	7.4	8.1	7.2	7.6	6.8	6.7	6.8
25	7.7	7.4	7.6	7.8	7.1	7.3	7.9	7.2	7.5	6.7	6.6	6.6
26	7.6	7.4	7.5	7.6	7.0	7.2	7.7	7.1	7.3	6.6	6.5	6.6
27	7.7	7.4	7.5	7.3	6.9	7.1	7.9	7.1	7.4	6.5	6.5	6.5
28	8.0	7.6	7.7	7.5	7.0	7.2	8.1	7.2	7.5	6.5	6.5	6.5
29	8.0	7.7	7.8	7.5	7.0	7.1	8.2	7.2	7.5	6.5	6.5	6.5
30	8.0	7.6	7.8	7.8	7.0	7.3	8.2	7.2	7.5	6.6	6.5	6.5
31	8.4	7.5	7.9	---	---	---	8.1	7.4	7.7	6.6	6.5	6.5
MONTH	8.9	7.1	7.6	8.7	6.8	7.5	8.3	6.9	7.4	8.4	6.5	7.1

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.7	6.5	6.6	8.2	7.2	7.5	6.8	6.6	6.7	7.0	6.8	6.9
2	7.0	6.6	6.8	7.8	7.2	7.4	6.6	6.4	6.5	7.0	6.9	7.0
3	7.1	6.7	6.7	7.5	6.9	7.1	6.5	6.3	6.4	7.0	6.9	7.0
4	6.8	6.7	6.8	7.0	6.8	6.9	6.6	6.4	6.4	7.0	6.9	6.9
5	7.4	6.8	7.2	7.0	6.8	6.9	6.4	6.2	6.3	7.1	6.9	7.0
6	7.3	6.9	7.1	6.9	6.8	6.8	6.3	6.2	6.3	7.0	6.8	6.9
7	7.2	6.8	7.0	6.9	6.8	6.9	6.2	6.1	6.2	7.0	6.9	7.0
8	7.2	6.8	6.9	6.9	6.8	6.8	6.2	6.2	6.2	7.0	6.7	6.9
9	7.0	6.7	6.9	6.9	6.8	6.9	6.3	6.2	6.2	7.3	6.9	7.0
10	6.9	6.8	6.9	7.1	6.8	6.9	6.2	6.1	6.2	7.3	6.8	7.1
11	7.0	6.8	6.9	7.1	6.9	7.0	6.2	6.1	6.2	7.2	6.8	7.0
12	7.0	6.9	6.9	7.0	6.9	7.0	6.3	6.2	6.2	7.2	6.9	7.1
13	7.0	6.8	6.9	7.0	6.9	6.9	6.3	6.1	6.2	7.4	7.1	7.2
14	7.0	6.8	6.9	7.0	6.8	6.9	6.3	6.1	6.2	7.4	7.1	7.2
15	7.0	6.8	6.9	6.9	6.8	6.9	6.2	6.1	6.2	7.6	7.2	7.3
16	7.0	6.8	6.9	6.9	6.9	6.9	6.3	6.1	6.2	7.9	7.2	7.4
17	7.1	6.9	7.0	7.0	6.8	6.9	6.3	6.0	6.2	7.8	7.2	7.3
18	7.1	6.9	7.0	7.0	6.7	6.9	6.2	6.0	6.1	7.5	7.2	7.2
19	7.3	6.9	7.0	7.1	6.8	6.9	6.2	6.1	6.1	7.5	7.1	7.2
20	7.1	6.9	7.0	6.9	6.8	6.9	6.3	6.1	6.2	7.9	7.1	7.3
21	7.1	6.9	7.0	6.9	6.8	6.9	6.3	6.1	6.2	8.8	7.1	7.5
22	7.3	6.9	7.1	7.1	6.9	7.0	6.4	6.2	6.3	8.5	7.0	7.4
23	7.8	7.0	7.2	7.0	6.9	7.0	6.4	6.1	6.3	8.9	7.1	7.6
24	8.3	7.0	7.5	7.1	6.9	7.0	6.6	6.2	6.4	8.9	7.1	7.7
25	8.9	7.0	7.4	7.0	6.9	7.0	6.6	6.5	6.5	8.4	7.2	7.6
26	7.6	6.9	7.2	7.0	6.8	6.9	6.6	6.5	6.6	8.4	7.2	7.7
27	7.2	7.0	7.1	7.0	6.8	6.9	6.7	6.5	6.7	8.0	7.2	7.5
28	7.7	7.1	7.4	6.9	6.4	6.7	6.8	6.6	6.7	7.6	7.2	7.4
29	---	---	---	6.8	6.6	6.7	7.0	6.7	6.8	7.5	7.1	7.3
30	---	---	---	6.8	6.7	6.8	7.0	6.9	6.9	7.5	7.1	7.2
31	---	---	---	6.9	6.8	6.8	---	---	---	7.9	7.1	7.4
MONTH	8.9	6.5	7.0	8.2	6.4	6.9	7.0	6.0	6.4	8.9	6.7	7.2

PAMLICO RIVER BASIN

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02084472 PAMLICO RIVER AT WASHINGTON, NC--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, TOP, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.1	7.2	7.4	7.6	6.8	7.0	8.2	7.1	7.6	6.9	6.4	6.5
2	7.6	7.0	7.2	7.5	6.8	7.0	7.8	7.0	7.4	6.8	6.4	6.5
3	7.4	6.9	7.2	8.2	6.9	7.2	7.6	7.1	7.4	6.6	6.3	6.4
4	7.7	6.8	7.2	7.4	6.8	7.0	7.5	6.9	7.2	6.3	6.2	6.3
5	7.8	6.9	7.2	7.2	6.9	7.0	7.4	6.9	7.1	6.3	6.2	6.3
6	8.3	6.9	7.4	7.3	6.8	7.1	---	---	---	6.3	6.2	6.2
7	7.3	6.9	7.2	7.6	7.0	7.2	---	---	---	6.2	6.2	6.2
8	7.5	7.0	7.2	7.7	7.1	7.3	7.6	6.9	7.2	6.3	6.2	6.2
9	7.7	7.1	7.3	7.7	7.1	7.3	7.6	6.9	7.2	6.3	6.2	6.2
10	7.5	7.0	7.2	7.5	6.9	7.3	7.7	6.9	7.2	6.7	6.2	6.4
11	7.4	7.0	7.2	7.3	6.9	7.0	7.6	7.0	7.2	6.7	6.4	6.6
12	7.5	7.0	7.2	7.7	6.9	7.1	7.8	6.8	7.1	6.8	6.4	6.6
13	7.3	6.9	7.1	7.6	6.9	7.2	7.7	6.9	7.2	6.8	6.4	6.5
14	7.3	6.7	6.9	7.6	6.9	7.2	7.7	6.7	7.2	6.6	6.4	6.5
15	7.3	6.8	7.0	7.2	6.9	7.0	7.5	6.9	7.2	6.5	6.4	6.5
16	7.1	6.7	6.9	7.9	6.6	7.1	7.5	6.8	7.1	6.6	6.5	6.5
17	7.1	6.7	6.9	---	---	---	7.7	6.6	7.0	6.8	6.5	6.6
18	7.1	6.8	6.9	8.1	6.9	7.2	7.8	6.7	7.1	6.9	6.4	6.5
19	7.1	6.8	6.9	7.9	6.8	7.1	7.6	6.7	7.1	6.6	6.3	6.4
20	7.1	6.6	6.8	8.1	6.9	7.2	7.7	6.8	7.1	6.4	6.4	6.4
21	7.3	6.7	6.9	7.3	6.8	7.1	7.5	6.9	7.1	6.5	6.4	6.4
22	7.1	6.7	6.8	7.3	6.8	7.1	7.6	6.9	7.2	6.5	6.4	6.4
23	7.0	6.6	6.8	---	---	---	7.7	6.8	7.2	6.5	6.4	6.4
24	7.1	6.6	6.7	7.4	6.8	7.1	7.7	7.0	7.2	6.7	6.4	6.5
25	7.1	6.6	6.8	7.2	6.8	7.0	7.6	6.9	7.2	6.6	6.5	6.5
26	7.1	6.6	6.8	7.2	6.7	7.0	7.2	6.9	7.0	6.8	6.4	6.6
27	7.1	6.5	6.8	7.2	6.7	6.9	7.2	6.8	6.9	6.5	6.4	6.5
28	7.2	6.7	6.9	7.7	6.6	6.9	7.1	6.7	6.9	6.8	6.4	6.5
29	7.3	6.8	6.9	7.7	6.6	7.0	7.2	6.7	6.8	6.9	6.6	6.7
30	7.4	6.8	7.0	7.7	6.6	7.1	7.0	6.7	6.8	6.9	6.5	6.7
31	---	---	---	7.6	6.8	7.0	6.9	6.6	6.8	---	---	---
MONTH	8.3	6.5	7.0	---	---	---	---	---	---	6.9	6.2	6.5

PH, WATER, WHOLE, FIELD, STANDARD UNITS, BOTTOM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.1	6.9	7.0	7.3	7.1	7.2	7.0	6.9	6.9	7.8	7.5	7.6
2	7.1	6.9	6.9	7.4	7.0	7.1	7.4	6.9	7.1	7.7	7.5	7.6
3	6.9	6.8	6.9	7.3	7.0	7.2	7.6	7.0	7.2	7.6	7.4	7.5
4	6.9	6.8	6.9	7.2	7.0	7.1	7.4	7.2	7.3	7.8	7.4	7.6
5	6.9	6.8	6.8	7.7	6.9	7.2	7.3	7.1	7.2	7.7	7.5	7.6
6	6.8	6.8	6.8	7.5	7.2	7.3	7.2	7.1	7.1	7.6	7.2	7.5
7	7.0	6.8	6.9	7.6	7.2	7.4	7.1	7.0	7.1	7.4	7.2	7.3
8	7.0	7.0	7.0	7.4	7.0	7.2	7.1	7.0	7.1	7.6	7.2	7.4
9	7.0	6.9	6.9	7.4	6.9	7.1	7.2	7.0	7.1	7.6	7.5	7.6
10	7.0	6.9	6.9	7.2	6.9	7.0	7.3	7.1	7.2	7.5	7.3	7.4
11	7.0	6.9	6.9	7.0	6.8	6.9	7.3	7.2	7.2	7.5	7.3	7.4
12	7.4	6.9	7.0	7.0	6.8	6.9	7.3	7.2	7.2	7.4	7.3	7.3
13	7.3	7.1	7.2	7.2	6.8	6.9	7.3	7.2	7.3	7.3	6.9	7.2
14	7.6	7.0	7.2	7.0	6.8	6.9	7.2	7.1	7.2	7.6	7.1	7.4
15	8.1	7.2	7.6	7.0	6.8	6.8	7.7	7.1	7.3	7.4	7.2	7.3
16	7.7	7.3	7.5	7.2	6.8	6.9	7.9	7.3	7.5	7.3	7.1	7.2
17	7.9	7.2	7.5	7.3	6.9	7.0	7.7	7.3	7.5	7.3	7.2	7.3
18	7.7	7.4	7.5	7.4	6.9	7.1	7.6	7.2	7.4	7.2	7.1	7.2
19	7.4	7.2	7.3	7.1	6.9	7.0	7.6	7.2	7.5	7.2	7.1	7.1
20	7.4	7.2	7.3	7.4	6.8	7.0	7.6	7.0	7.2	7.3	7.1	7.1
21	7.4	7.3	7.3	7.1	6.9	7.0	7.6	7.2	7.4	7.1	6.9	7.0
22	7.4	7.2	7.3	7.3	7.0	7.1	7.5	7.3	7.4	6.9	6.9	6.9
23	7.4	7.3	7.3	7.1	6.9	7.0	7.3	7.2	7.2	6.9	6.8	6.8
24	7.4	7.3	7.3	7.3	6.9	7.1	7.2	7.0	7.0	6.9	6.7	6.8
25	7.4	7.3	7.4	7.2	7.0	7.1	7.2	7.0	7.1	6.8	6.6	6.7
26	7.6	7.3	7.5	7.0	6.9	7.0	7.3	7.0	7.1	6.6	6.5	6.6
27	7.7	7.5	7.6	7.0	6.9	7.0	7.4	7.1	7.2	6.5	6.5	6.5
28	8.3	7.5	7.9	7.1	6.8	6.9	7.4	7.2	7.3	6.5	6.5	6.5
29	8.2	7.9	7.9	7.1	7.0	7.0	7.3	7.1	7.1	6.5	6.5	6.5
30	7.9	7.7	7.8	7.1	6.9	6.9	7.9	7.0	7.5	6.8	6.5	6.7
31	7.8	7.2	7.5	---	---	---	7.9	7.6	7.7	6.8	6.7	6.8
MONTH	8.3	6.8	7.3	7.7	6.8	7.0	7.9	6.9	7.2	7.8	6.5	7.1

PAMLICO RIVER BASIN

02084472 PAMLICO RIVER AT WASHINGTON, NC--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, BOTTOM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

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

PAMLICO RIVER BASIN

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02084472 PAMLICO RIVER AT WASHINGTON, NC--Continued

WATER TEMPERATURE, DEGREES CELSIUS, TOP, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	21.5	19.6	20.5	17.4	15.7	16.5	18.7	17.1	17.7	8.5	7.5	8.2
2	21.4	19.8	20.5	18.5	16.7	17.3	18.2	17.1	17.7	8.4	6.5	8.0
3	22.5	20.6	21.1	19.3	17.5	18.0	17.7	16.4	17.3	8.1	4.5	6.4
4	22.8	20.8	21.7	18.6	17.8	18.2	17.4	16.0	16.9	5.5	4.5	5.1
5	23.0	21.3	22.1	18.2	16.5	17.5	17.5	16.0	16.9	5.8	4.8	5.2
6	22.4	21.6	22.1	16.9	15.0	16.0	17.4	15.7	16.9	5.6	4.7	5.3
7	21.8	20.7	21.1	15.9	14.6	15.5	17.6	16.0	17.0	5.5	4.9	5.2
8	21.1	19.5	20.5	16.2	15.1	15.7	17.6	16.8	17.3	5.4	3.9	4.7
9	20.5	19.0	19.6	16.7	15.6	15.9	17.3	16.5	17.0	4.9	2.9	3.8
10	20.2	19.4	19.7	16.1	15.2	15.8	17.1	15.6	16.6	5.1	3.3	4.1
11	21.3	19.7	20.3	16.1	14.8	15.6	16.6	15.0	16.2	6.4	3.8	4.8
12	21.2	20.1	20.6	15.8	14.9	15.6	16.5	16.1	16.2	6.4	4.1	5.1
13	21.5	20.4	20.8	15.9	13.9	15.4	16.3	15.7	16.2	6.5	4.8	5.5
14	21.9	20.5	21.2	15.7	14.2	15.3	16.6	15.4	16.0	6.3	5.0	5.5
15	22.1	20.7	21.5	15.8	14.8	15.4	16.6	15.8	16.3	7.3	5.9	6.4
16	22.3	20.9	21.5	16.8	14.9	15.8	16.4	14.8	15.7	7.3	5.8	6.5
17	21.1	18.9	19.6	16.6	15.0	16.0	15.6	14.6	15.2	7.8	6.2	6.9
18	19.4	17.6	18.6	16.7	14.6	15.9	15.4	14.7	15.0	8.2	6.8	7.3
19	19.3	18.4	18.8	16.6	15.4	15.9	14.9	14.0	14.4	7.9	6.7	7.2
20	20.2	18.4	19.1	16.0	15.4	15.8	14.2	11.8	13.4	8.0	6.4	7.1
21	21.0	19.3	19.9	15.5	14.3	14.8	12.6	11.4	11.9	7.2	6.4	6.8
22	21.7	19.8	20.5	15.3	14.1	14.7	12.3	10.6	11.7	6.7	6.1	6.3
23	22.2	20.4	20.9	14.9	13.9	14.3	12.0	11.0	11.7	6.2	5.9	6.1
24	22.3	20.9	21.7	14.9	14.0	14.5	12.5	11.4	11.8	8.2	6.2	7.1
25	22.1	21.2	21.6	15.6	14.7	15.1	11.9	10.7	11.7	8.1	7.6	7.9
26	21.2	18.8	20.1	15.7	15.3	15.4	11.8	10.7	11.3	8.7	7.8	8.2
27	18.9	16.6	17.6	15.9	15.4	15.6	11.3	9.5	10.3	9.5	8.2	8.7
28	16.9	14.8	15.4	17.1	15.8	16.4	9.9	8.8	9.4	9.9	8.6	9.0
29	15.5	14.3	15.0	17.4	16.2	16.6	9.6	8.4	9.1	10.2	8.8	9.4
30	16.0	14.7	15.4	18.0	16.5	17.2	9.3	7.8	8.3	11.4	9.6	10.4
31	16.9	15.3	15.9	---	---	---	8.3	7.5	8.0	13.0	11.0	11.9
MONTH	23.0	14.3	19.8	19.3	13.9	15.9	18.7	7.5	14.2	13.0	2.9	6.8
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	14.7	12.4	13.4	10.3	8.1	9.2	18.0	16.4	17.1	23.0	21.0	21.8
2	14.1	12.7	13.2	10.2	8.8	9.4	18.5	16.5	17.3	24.0	21.9	22.8
3	13.2	12.1	12.8	11.8	10.2	11.1	18.8	17.3	17.9	23.8	23.2	23.5
4	12.7	10.4	11.9	11.4	10.0	10.7	18.0	17.0	17.5	23.2	21.3	22.2
5	10.5	6.4	7.9	10.7	9.0	10.0	17.4	16.2	16.9	21.5	19.8	20.4
6	8.8	7.5	8.2	11.3	9.6	10.3	16.3	15.3	16.0	21.8	19.5	20.0
7	8.6	8.0	8.4	11.8	9.6	10.5	15.9	14.6	15.1	23.3	20.9	22.0
8	9.2	7.9	8.3	12.4	10.4	11.2	15.1	14.1	14.6	24.8	21.9	23.1
9	9.1	7.7	8.3	13.1	11.3	12.2	16.1	14.4	15.1	26.2	23.5	24.5
10	9.3	8.0	8.6	13.4	12.3	13.0	16.2	15.5	15.8	27.1	23.8	24.9
11	9.7	8.6	9.1	13.4	12.0	12.6	17.7	15.6	16.3	25.4	24.2	24.6
12	9.7	8.6	9.1	13.3	12.4	12.8	18.8	16.8	17.6	26.1	23.5	24.5
13	9.6	8.8	9.1	13.8	13.1	13.4	19.4	17.8	18.5	26.5	24.1	25.0
14	9.7	8.6	9.2	15.8	13.3	13.9	20.5	18.5	19.4	25.4	22.9	24.0
15	9.8	8.6	9.0	16.3	14.1	15.1	21.8	19.4	20.3	23.4	20.5	22.4
16	10.2	8.9	9.4	17.5	15.3	16.3	23.9	20.7	21.6	24.2	22.0	23.0
17	9.8	8.9	9.4	17.0	15.8	16.3	24.5	21.6	22.5	25.3	22.7	23.9
18	9.5	8.1	8.8	16.2	14.6	15.6	26.0	22.6	23.4	24.5	22.8	23.9
19	10.0	8.5	9.2	16.0	14.8	15.3	25.4	23.5	24.3	22.9	21.1	21.8
20	10.7	9.2	9.9	16.8	15.1	15.9	25.9	23.8	24.5	21.7	20.1	21.0
21	11.7	10.1	11.0	16.4	15.1	15.7	25.5	22.2	24.2	21.9	20.4	20.9
22	11.7	10.6	11.0	15.3	13.7	14.4	25.4	23.7	24.6	21.5	20.1	20.7
23	11.4	10.5	10.8	14.4	13.3	13.9	24.3	22.1	23.3	22.5	20.0	20.8
24	11.6	10.1	11.0	14.5	13.0	13.7	23.6	21.9	22.6	23.9	20.7	21.9
25	12.4	10.1	11.2	15.3	13.3	14.1	22.8	21.8	22.3	24.9	21.7	23.0
26	13.2	10.7	12.0	15.4	13.9	14.6	22.1	20.5	21.4	25.9	23.6	24.5
27	12.4	9.8	11.4	16.1	14.8	15.3	21.6	20.9	21.2	26.5	24.2	25.2
28	9.9	8.2	8.9	15.8	14.1	14.9	22.3	20.7	21.3	26.5	25.1	25.7
29	---	---	---	17.0	14.9	15.7	22.8	21.7	22.1	26.0	25.2	25.7
30	---	---	---	17.3	16.0	16.6	23.2	21.0	21.9	26.5	25.1	25.7
31	---	---	---	17.5	16.8	17.0	---	---	---	28.2	25.7	26.4
MONTH	14.7	6.4	10.0	17.5	8.1	13.6	26.0	14.1	19.9	28.2	19.5	23.2

PAMLICO RIVER BASIN

02084472 PAMLICO RIVER AT WASHINGTON, NC--Continued

WATER TEMPERATURE, DEGREES CELSIUS, TOP, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	29.0	25.8	27.0	30.3	28.0	29.0	32.3	30.2	31.1	26.9	23.8	24.6
2	28.4	26.4	27.4	30.3	28.5	29.2	31.9	30.6	31.1	26.0	23.3	23.7
3	29.0	27.2	28.0	31.9	29.0	29.7	31.3	30.3	30.8	24.6	22.7	23.3
4	29.2	27.2	27.9	31.1	29.2	30.1	30.6	29.6	30.2	24.4	22.6	23.4
5	29.8	27.3	28.4	31.5	29.6	30.4	30.5	29.6	30.1	24.3	23.1	23.6
6	30.2	27.8	28.8	30.6	29.1	29.9	30.3	29.0	29.7	24.2	23.2	23.6
7	28.7	26.9	27.8	30.1	28.7	29.5	29.2	28.3	28.6	24.2	23.1	23.6
8	27.1	26.0	26.6	30.7	28.5	29.3	28.7	27.1	28.0	24.3	23.2	23.6
9	27.4	24.9	26.2	31.0	28.6	29.9	28.4	26.8	27.8	24.2	23.2	23.6
10	28.8	25.7	26.9	30.5	29.0	29.7	28.5	26.7	27.7	25.7	23.7	24.3
11	29.5	26.7	27.6	29.7	28.3	29.0	29.2	27.1	28.1	26.0	23.9	25.1
12	29.7	26.8	28.2	28.4	27.0	27.9	29.6	27.9	28.6	26.2	24.6	25.5
13	30.3	27.8	28.6	28.1	26.7	27.5	30.1	28.0	29.0	26.5	24.6	25.3
14	29.8	27.8	28.8	28.2	27.1	27.8	30.3	28.2	29.2	25.6	24.6	24.9
15	29.4	27.8	28.6	28.7	27.5	28.0	29.8	28.5	29.2	25.9	24.2	24.9
16	29.0	27.3	28.3	30.4	28.1	28.9	29.8	28.6	29.3	25.8	24.6	25.2
17	28.9	27.5	28.2	---	---	---	30.3	28.5	29.4	26.1	24.9	25.3
18	28.1	27.5	27.8	31.2	29.2	29.9	30.9	28.7	29.7	26.1	24.2	24.8
19	27.8	26.8	27.2	30.9	29.6	30.1	31.2	29.0	29.9	25.7	24.1	24.5
20	27.4	26.3	26.8	32.0	29.6	30.5	30.6	29.3	30.0	25.6	24.1	24.6
21	26.8	25.8	26.3	30.2	29.2	29.7	30.3	29.2	29.7	25.8	23.8	24.5
22	27.3	25.8	26.5	30.3	29.1	29.7	31.3	29.0	29.8	26.1	23.9	24.6
23	28.4	26.5	27.3	---	---	---	31.5	29.3	30.3	25.4	24.6	24.8
24	30.1	27.1	28.2	30.2	28.8	29.6	31.6	29.8	30.7	25.9	24.1	24.7
25	30.4	27.8	28.9	29.6	29.0	29.2	31.4	29.6	30.6	25.5	24.1	24.7
26	30.2	28.3	29.4	29.7	28.3	29.0	30.8	29.7	30.2	25.5	24.2	24.8
27	29.5	28.5	28.9	30.4	28.7	29.5	30.0	29.1	29.6	25.5	24.2	24.9
28	29.2	27.8	28.5	31.0	28.8	29.7	29.4	28.6	28.9	26.2	24.7	25.3
29	29.8	28.0	28.8	31.6	29.4	30.3	28.8	27.9	28.5	26.2	24.8	25.3
30	29.9	28.2	29.0	31.8	29.9	30.6	28.6	27.3	28.1	25.8	24.5	25.1
31	---	---	---	31.3	29.4	30.3	28.0	24.7	27.0	---	---	---
MONTH	30.4	24.9	27.9	---	---	---	32.3	24.7	29.4	26.9	22.6	24.5

WATER TEMPERATURE, DEGREES CELSIUS, BOTTOM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	21.6	20.7	21.1	16.1	15.3	15.5	17.2	16.0	16.5	8.5	8.3	8.4
2	21.0	20.3	20.7	17.3	15.7	16.1	17.9	16.8	17.4	8.5	8.1	8.3
3	21.1	20.5	20.6	17.8	16.7	17.1	17.8	17.3	17.5	8.4	6.4	7.3
4	21.8	20.7	21.0	17.6	16.9	17.3	17.5	17.0	17.2	6.8	4.8	5.6
5	22.0	21.4	21.5	17.8	17.2	17.3	17.3	17.1	17.2	5.3	5.0	5.1
6	22.1	21.5	21.8	17.5	15.6	16.4	17.5	17.3	17.4	5.6	5.2	5.3
7	21.9	21.0	21.4	16.0	15.5	15.7	17.6	17.4	17.5	5.7	5.5	5.6
8	21.4	20.7	21.1	15.8	15.6	15.7	17.6	17.3	17.5	5.7	5.4	5.5
9	21.0	19.7	20.2	16.3	15.7	15.9	17.4	17.1	17.3	5.7	5.5	5.6
10	19.9	19.7	19.8	16.2	15.8	16.0	17.2	16.7	17.0	5.8	5.6	5.7
11	19.9	19.8	19.8	16.1	15.9	16.0	16.7	16.4	16.6	6.1	5.8	5.9
12	20.3	19.8	19.9	16.1	15.8	16.0	16.5	16.2	16.3	6.4	6.1	6.2
13	20.5	20.1	20.3	15.9	15.6	15.8	16.2	16.1	16.2	6.7	5.3	6.2
14	21.4	20.3	20.6	15.8	15.5	15.7	16.2	16.1	16.2	7.3	6.7	7.2
15	21.9	21.2	21.5	15.6	15.5	15.6	16.5	16.2	16.3	7.6	7.2	7.4
16	21.7	21.3	21.5	16.2	15.5	15.7	16.4	15.8	16.1	7.7	7.4	7.6
17	21.4	19.3	20.2	16.4	15.6	15.9	16.0	15.5	15.8	7.8	7.7	7.7
18	19.4	18.5	19.1	16.3	15.7	16.0	15.7	14.7	15.2	8.0	7.8	7.9
19	19.2	19.0	19.1	16.0	15.7	15.9	15.1	14.6	14.9	8.0	7.8	8.0
20	19.2	19.0	19.1	15.9	15.6	15.8	14.9	13.5	14.6	8.0	7.6	7.8
21	19.3	19.0	19.1	15.7	15.3	15.5	14.0	12.6	13.2	7.9	7.8	7.9
22	20.1	19.1	19.4	15.4	14.5	14.8	12.7	11.8	12.1	8.0	7.9	8.0
23	20.5	19.8	20.0	14.9	14.6	14.7	11.9	11.7	11.8	8.0	6.2	7.5
24	20.8	20.0	20.3	14.9	14.5	14.7	12.0	11.7	11.9	8.3	6.2	7.1
25	21.3	20.5	20.8	15.1	14.8	14.9	11.9	11.7	11.8	8.1	7.6	7.9
26	21.3	19.4	20.5	15.2	15.0	15.1	11.9	11.5	11.8	8.6	7.8	8.2
27	19.6	18.0	19.0	15.4	15.2	15.3	11.7	10.8	11.3	9.0	8.2	8.6
28	18.5	14.8	16.2	15.5	15.3	15.4	10.9	10.4	10.7	9.2	8.6	8.9
29	15.3	14.9	15.1	15.8	15.5	15.6	10.6	9.6	10.2	9.9	8.8	9.3
30	15.4	15.1	15.2	16.8	15.7	15.9	10.2	7.6	8.4	10.1	9.4	9.5
31	15.8	15.0	15.2	---	---	---	8.4	7.9	8.1	10.1	9.6	9.7
MONTH	22.1	14.8	19.7	17.8	14.5	15.8	17.9	7.6	14.6	10.1	4.8	7.3

PAMLICO RIVER BASIN

02084472 PAMLICO RIVER AT WASHINGTON, NC--Continued

WATER TEMPERATURE, DEGREES CELSIUS, BOTTOM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	10.4	9.8	9.9	9.5	8.9	9.1	17.5	16.4	17.0	21.9	21.2	21.4
2	11.6	9.9	10.9	9.7	9.3	9.4	18.2	16.5	17.2	23.2	21.3	22.1
3	11.7	11.5	11.6	11.9	9.6	10.9	18.5	17.3	17.7	24.0	22.6	23.3
4	11.9	10.7	11.7	11.6	10.1	10.6	17.7	16.9	17.4	23.3	21.5	22.3
5	11.7	6.9	8.2	10.5	10.0	10.4	17.0	16.2	16.7	21.5	19.7	20.4
6	7.8	7.6	7.7	10.3	9.9	10.0	16.3	15.3	16.0	20.6	20.1	20.4
7	8.5	7.8	8.1	10.2	9.9	10.0	15.4	14.6	15.1	20.7	20.4	20.4
8	8.5	8.2	8.3	10.7	10.0	10.1	15.1	14.1	14.5	22.0	20.5	21.0
9	8.3	8.2	8.3	12.6	10.1	10.9	16.1	14.4	15.1	23.7	21.8	22.5
10	8.8	8.3	8.4	13.5	11.7	12.8	16.2	15.5	15.8	24.2	22.2	23.1
11	9.8	8.5	9.1	13.5	12.2	12.7	17.2	15.4	16.0	24.5	24.0	24.3
12	9.6	8.7	9.2	13.3	12.3	12.8	18.6	16.8	17.2	24.4	23.5	23.9
13	10.1	8.8	9.4	13.6	13.1	13.3	19.1	17.8	18.3	25.0	23.8	24.0
14	10.2	10.1	10.1	13.9	12.9	13.1	20.0	18.4	18.9	25.2	22.9	23.9
15	10.2	10.0	10.2	15.2	13.4	13.9	21.2	19.4	20.0	23.1	21.0	21.8
16	10.3	9.7	10.2	16.3	13.4	14.1	22.3	20.5	21.0	23.2	21.8	22.1
17	10.3	9.4	10.0	15.8	13.7	14.4	23.2	21.5	21.8	23.3	22.2	22.5
18	10.0	8.8	9.3	14.4	14.1	14.2	23.7	22.3	22.6	24.4	22.3	23.3
19	9.1	8.6	8.8	14.4	14.2	14.3	24.7	23.3	23.9	22.8	20.9	21.7
20	9.3	9.0	9.1	14.5	14.3	14.4	24.8	21.2	23.6	21.4	20.9	21.1
21	10.5	9.2	9.8	15.5	14.4	14.8	24.4	19.8	21.0	21.3	20.6	20.9
22	10.7	10.1	10.6	15.3	14.0	14.6	25.2	21.9	23.5	21.0	20.6	20.8
23	11.0	10.6	10.8	14.4	13.8	14.2	22.9	21.2	21.8	20.9	20.5	20.6
24	11.1	11.0	11.0	14.1	13.4	13.9	22.4	21.4	21.8	21.3	20.6	20.9
25	11.2	11.1	11.1	14.1	13.4	13.8	22.5	21.6	21.9	23.8	21.0	21.8
26	11.8	11.2	11.2	14.8	14.0	14.2	22.0	20.8	21.3	24.5	23.3	23.6
27	12.1	11.3	11.5	15.8	14.4	15.0	21.5	20.7	21.1	26.3	23.5	24.7
28	11.5	8.8	9.3	15.5	14.4	15.1	22.1	20.7	21.3	26.5	25.1	25.7
29	---	---	---	16.3	15.3	15.5	22.8	21.6	22.0	26.1	25.1	25.5
30	---	---	---	17.2	15.9	16.5	22.5	21.1	21.7	26.5	25.1	25.6
31	---	---	---	17.5	16.7	16.8	---	---	---	26.4	25.7	25.9
MONTH	12.1	6.9	9.8	17.5	8.9	13.1	25.2	14.1	19.4	26.5	19.7	22.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	27.0	26.2	26.5	28.8	27.9	28.1	31.0	29.1	29.5	27.9	26.5	27.7
2	27.0	26.6	26.9	29.2	28.1	28.5	31.2	29.8	30.2	27.6	24.4	26.9
3	27.7	27.0	27.2	29.1	28.3	28.5	31.1	30.1	30.5	27.1	23.9	26.4
4	27.8	26.9	27.3	28.7	28.5	28.6	30.9	30.2	30.5	26.4	22.8	24.1
5	28.2	26.9	27.2	29.2	28.6	28.8	30.4	29.9	30.1	26.3	23.0	24.7
6	28.4	27.2	27.7	29.9	29.0	29.3	30.1	29.3	30.0	26.3	23.1	24.8
7	28.3	27.2	27.8	29.8	28.9	29.2	29.6	28.6	29.0	25.8	23.0	23.8
8	27.4	26.2	26.7	29.3	29.1	29.2	28.8	28.0	28.4	25.7	23.1	23.7
9	26.9	26.2	26.4	29.6	29.0	29.1	28.2	27.6	27.9	26.2	23.3	24.8
10	26.8	25.9	26.3	29.7	29.0	29.2	28.3	27.5	27.9	26.2	24.4	25.7
11	27.8	26.4	26.7	29.7	28.4	29.0	28.8	27.4	27.8	25.8	25.2	25.7
12	27.9	27.0	27.2	28.7	27.9	28.2	28.4	27.6	27.9	25.8	25.7	25.7
13	28.3	27.4	27.7	27.9	27.7	27.8	28.8	27.8	28.1	25.8	25.0	25.5
14	28.8	27.8	28.1	27.8	27.6	27.7	28.9	28.1	28.4	25.8	25.1	25.4
15	28.7	27.7	28.0	27.8	27.5	27.6	29.1	28.3	28.5	25.5	25.2	25.4
16	28.5	27.2	27.7	28.2	27.6	27.8	29.5	28.4	28.7	25.5	25.1	25.4
17	28.5	27.4	27.9	---	---	---	28.8	28.7	28.7	26.0	25.3	25.6
18	27.9	27.3	27.5	30.1	28.9	29.4	29.2	28.7	28.9	26.0	24.4	25.4
19	27.5	26.8	27.2	30.2	28.9	29.4	30.0	29.0	29.2	25.9	24.0	24.6
20	27.1	26.1	26.5	29.9	28.7	29.3	30.4	29.1	29.4	25.0	24.1	24.4
21	26.5	25.7	26.3	30.0	29.2	29.6	30.1	29.5	29.8	25.3	23.8	24.2
22	26.5	25.7	26.0	30.1	29.2	29.6	30.1	29.0	29.5	25.3	23.8	24.2
23	27.6	26.1	27.0	---	---	---	30.4	29.1	29.7	25.4	24.4	24.7
24	28.0	27.2	27.5	29.6	29.0	29.2	30.7	29.7	30.0	25.8	24.1	24.8
25	28.6	27.6	27.9	29.3	28.8	29.0	31.0	29.8	30.3	26.2	24.6	25.9
26	28.7	27.9	28.2	29.3	28.4	28.6	30.8	29.7	30.2	26.0	24.4	25.2
27	28.7	28.0	28.3	29.6	28.7	29.0	30.0	29.1	29.5	25.1	24.4	24.8
28	28.6	28.0	28.3	29.6	28.8	29.0	29.5	28.5	28.8	26.1	24.6	25.3
29	28.9	28.2	28.5	29.1	28.9	28.9	28.7	28.2	28.4	26.0	24.8	25.5
30	28.9	27.9	28.2	29.5	29.0	29.1	28.4	28.2	28.3	25.9	25.3	25.7
31	---	---	---	29.2	29.0	29.1	28.2	25.7	28.0	---	---	---
MONTH	28.9	25.7	27.4	---	---	---	31.2	25.7	29.1	27.9	22.8	25.2

PAMLICO RIVER BASIN

02084472 PAMLICO RIVER AT WASHINGTON, NC--Continued

OXYGEN DISSOLVED (MG/L), TOP, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	8.9	4.9	7.1	10.7	6.3	8.8	8.4	4.7	6.1	11.6	8.1	9.4
2	10.0	4.8	7.3	11.5	7.8	9.2	7.1	3.4	5.3	10.3	8.0	9.1
3	10.9	3.9	6.7	11.2	6.3	8.9	7.3	2.4	4.4	10.1	8.2	9.2
4	---	---	---	10.2	5.8	8.1	---	---	---	11.1	8.9	9.9
5	---	---	---	9.4	3.9	7.3	---	---	---	11.7	9.7	10.4
6	---	---	---	10.5	5.4	7.5	---	---	---	11.1	9.6	10.3
7	---	---	---	10.4	5.6	7.9	---	---	---	10.2	9.6	9.8
8	---	---	---	13.7	5.9	8.3	---	---	---	11.0	9.9	10.3
9	---	---	---	---	---	---	---	---	---	11.1	10.1	10.7
10	---	---	---	---	---	---	---	---	---	11.4	9.9	10.8
11	13.1	6.3	9.4	---	---	---	---	---	---	11.0	10.3	10.7
12	13.8	4.7	9.2	---	---	---	5.0	2.6	3.6	11.0	10.0	10.6
13	11.4	5.9	8.3	---	---	---	6.8	1.8	2.8	10.7	10.1	10.4
14	10.0	7.5	8.7	---	---	---	8.0	1.8	4.9	10.5	9.1	10.1
15	10.1	6.3	8.3	---	---	---	8.8	3.9	5.9	9.8	9.0	9.5
16	11.5	6.7	8.5	10.5	4.5	7.8	9.4	4.6	6.1	9.8	7.9	9.1
17	10.0	7.4	8.5	9.2	4.7	7.3	9.4	5.1	6.5	9.3	8.1	8.9
18	10.5	6.9	8.6	11.7	5.6	7.7	7.4	5.3	6.3	9.4	6.4	8.4
19	---	---	---	11.8	5.6	8.3	12.0	5.8	7.7	9.5	5.8	8.0
20	---	---	---	10.4	6.2	8.6	8.8	7.0	7.7	12.3	7.5	9.2
21	---	---	---	9.5	6.5	7.5	10.1	7.1	8.4	9.7	8.8	9.2
22	---	---	---	15.3	5.2	8.4	12.3	7.5	8.8	10.0	9.1	9.7
23	---	---	---	11.4	6.1	8.7	10.5	6.2	8.1	10.4	9.2	10.1
24	---	---	---	10.1	6.2	8.3	11.1	7.1	9.1	10.3	9.7	10.0
25	---	---	---	10.0	6.9	8.1	9.4	5.8	7.7	10.0	9.5	9.7
26	---	---	---	9.9	6.0	7.2	9.4	5.0	7.0	9.5	9.1	9.3
27	---	---	---	7.5	4.8	6.0	10.2	6.2	7.9	9.1	8.7	8.9
28	---	---	---	8.9	5.4	7.0	11.5	7.3	8.8	9.0	8.5	8.9
29	---	---	---	9.0	4.2	5.9	12.2	7.7	9.3	9.0	8.7	8.8
30	---	---	---	9.3	5.2	7.1	12.2	7.5	9.3	8.8	8.5	8.7
31	---	---	---	---	---	---	10.9	8.7	9.7	8.6	7.9	8.4
MONTH	---	---	---	---	---	---	---	---	---	12.3	5.8	9.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	8.3	7.9	8.2	11.9	9.9	10.5	6.8	4.8	6.2	6.7	6.0	6.3
2	8.2	5.9	7.2	11.1	9.6	10.3	6.4	5.7	6.1	7.1	6.0	6.4
3	7.6	5.1	7.1	10.6	9.1	9.7	6.3	5.6	6.0	6.9	6.0	6.5
4	8.1	7.2	7.5	9.8	8.9	9.4	6.4	5.7	6.0	6.3	5.8	6.0
5	9.7	7.9	9.3	9.6	8.7	9.1	6.1	5.5	5.8	6.7	5.9	6.2
6	9.4	8.3	8.7	9.8	9.0	9.3	6.0	5.7	5.8	6.4	5.3	5.8
7	10.0	8.1	9.1	9.9	9.1	9.6	6.2	5.8	5.9	6.2	5.6	5.9
8	10.1	9.2	9.8	10.1	8.7	9.5	6.5	6.1	6.3	6.3	4.2	5.7
9	10.3	9.2	9.9	10.1	9.2	9.7	6.6	6.4	6.5	7.5	5.4	6.1
10	10.4	9.4	10.1	10.0	9.1	9.5	6.6	6.4	6.5	7.7	4.8	6.3
11	10.3	9.3	10.0	9.5	8.8	9.2	6.5	6.3	6.4	7.1	4.9	6.2
12	10.0	9.6	9.9	9.5	8.7	9.1	6.3	6.0	6.2	7.4	5.8	6.4
13	10.4	9.4	9.7	8.8	7.5	8.4	6.1	5.5	5.9	7.2	6.3	6.7
14	9.7	8.8	9.4	8.6	5.8	7.8	5.9	5.3	5.7	7.1	6.0	6.6
15	9.7	9.3	9.5	8.4	7.6	8.1	5.8	5.4	5.7	7.8	6.6	7.1
16	9.6	8.8	9.4	8.4	7.6	8.0	5.8	5.0	5.4	8.6	6.7	7.3
17	9.6	8.8	9.4	7.9	6.6	7.3	5.6	5.0	5.3	8.5	6.4	7.1
18	9.4	8.2	9.0	7.5	1.8	6.2	5.7	4.8	5.1	7.5	6.2	6.6
19	9.3	7.9	8.8	6.7	1.8	4.6	5.5	4.7	5.0	7.2	5.8	6.3
20	9.0	8.2	8.8	6.8	5.5	6.5	5.2	4.6	4.8	8.2	5.9	6.8
21	8.9	8.1	8.6	6.8	4.8	6.1	5.2	1.5	3.8	10.8	5.5	7.1
22	8.7	6.7	8.0	7.9	6.3	7.1	5.0	3.6	4.4	9.8	5.1	7.0
23	9.9	5.7	7.0	8.1	7.2	7.6	4.7	1.7	3.9	12.5	5.6	8.3
24	10.7	4.1	6.7	8.1	7.2	7.8	6.3	3.2	4.4	12.0	6.3	8.8
25	15.1	4.3	7.4	8.1	7.3	7.7	5.3	4.6	5.0	10.7	7.7	8.8
26	9.0	6.5	7.8	7.8	7.2	7.5	5.8	4.9	5.3	10.5	7.5	9.1
27	10.1	6.8	8.5	7.6	6.9	7.3	6.0	5.0	5.5	9.8	7.2	8.5
28	11.6	9.9	10.6	7.5	2.9	6.8	6.2	5.5	5.8	8.6	6.5	7.7
29	---	---	---	7.1	6.3	6.7	7.0	6.1	6.4	7.9	6.6	7.4
30	---	---	---	7.0	6.6	6.8	7.2	6.4	6.6	8.2	6.4	7.5
31	---	---	---	6.9	5.9	6.7	---	---	---	9.4	6.6	8.0
MONTH	15.1	4.1	8.8	11.9	1.8	8.1	7.2	1.5	5.6	12.5	4.2	7.0

PAMLICO RIVER BASIN

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02084472 PAMLICO RIVER AT WASHINGTON, NC--Continued

OXYGEN DISSOLVED (MG/L), TOP, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	9.7	7.6	8.4	8.1	4.1	6.2	---	---	---	3.8	1.1	3.1
2	8.9	6.2	7.7	7.8	4.6	6.0	---	---	---	4.0	1.1	3.4
3	7.8	5.4	7.0	9.5	5.0	6.5	---	---	---	4.2	2.0	3.8
4	8.7	5.7	6.9	7.8	4.7	6.3	---	---	---	4.4	3.7	4.2
5	8.9	6.3	7.6	6.8	4.2	5.7	---	---	---	4.2	3.9	4.1
6	10.1	5.6	8.0	6.9	1.9	5.6	---	---	---	3.9	3.7	3.8
7	7.7	5.5	6.8	7.9	4.8	6.2	---	---	---	3.9	3.5	3.8
8	8.2	5.7	6.8	8.2	5.7	6.6	---	---	---	4.0	3.6	3.8
9	8.9	5.6	7.3	8.1	5.7	7.1	5.9	4.5	5.2	4.0	3.6	3.7
10	8.3	5.8	7.1	7.8	4.3	6.5	6.3	4.8	5.4	4.3	1.5	3.2
11	7.9	5.8	7.1	6.3	4.0	5.0	6.0	4.2	5.1	3.9	2.1	2.8
12	8.1	5.4	6.8	7.8	4.6	5.7	6.3	3.6	4.6	3.6	1.5	2.6
13	8.1	5.0	6.5	7.9	4.7	6.6	6.7	4.6	5.7	4.2	2.2	2.8
14	7.8	5.0	6.4	8.2	5.2	6.8	5.9	2.8	4.3	3.8	2.7	3.2
15	7.6	4.6	6.1	7.0	4.6	5.9	---	---	---	4.3	3.1	3.5
16	7.3	4.5	6.0	9.7	2.8	6.2	---	---	---	4.4	3.4	3.9
17	6.8	4.6	5.8	---	---	---	---	---	---	4.6	3.5	4.0
18	6.6	4.1	5.4	7.2	4.1	5.3	8.0	5.2	6.7	4.8	3.8	4.3
19	7.1	4.0	5.5	6.8	3.6	5.1	7.1	4.6	5.7	4.9	4.4	4.6
20	7.4	3.7	5.6	7.3	3.6	4.8	7.0	4.2	5.2	4.8	4.5	4.6
21	7.3	4.8	6.3	---	---	---	6.2	3.6	4.9	4.9	4.4	4.5
22	7.8	5.4	6.3	---	---	---	6.1	3.7	4.4	4.7	4.2	4.3
23	7.2	5.1	6.1	---	---	---	7.4	3.2	5.6	4.5	3.9	4.1
24	7.8	5.1	6.1	---	---	---	7.5	4.1	5.6	4.2	3.4	3.9
25	7.7	5.1	6.3	---	---	---	6.2	3.6	4.8	4.4	2.0	3.5
26	8.0	4.9	6.6	---	---	---	5.0	3.7	4.2	4.2	2.5	3.7
27	6.8	3.1	5.7	---	---	---	5.0	3.2	3.9	4.4	3.6	4.0
28	7.2	4.2	5.7	---	---	---	4.6	2.8	3.7	5.2	3.4	4.1
29	7.2	4.2	5.6	---	---	---	5.1	2.0	3.3	5.2	3.7	4.2
30	7.8	4.5	5.8	---	---	---	5.0	0.3	2.6	4.4	2.8	3.7
31	---	---	---	---	---	---	3.8	0.0	1.8	---	---	---
MONTH	10.1	3.1	6.5	---	---	---	---	---	---	5.2	1.1	3.8

OXYGEN DISSOLVED (MG/L), BOTTOM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	5.1	2.2	3.6	6.7	5.2	5.8	4.2	1.2	2.3	9.2	7.7	8.2
2	4.9	2.0	3.1	7.5	3.7	5.0	6.3	2.4	4.0	9.0	8.1	8.5
3	4.2	1.4	2.1	6.5	3.7	5.2	7.0	2.5	4.5	9.0	8.2	8.6
4	4.5	1.1	1.9	4.8	3.4	4.2	5.8	4.1	5.0	10.6	8.3	9.4
5	4.8	1.4	2.3	7.7	2.4	4.5	4.7	3.4	4.0	10.4	9.6	9.9
6	4.2	1.4	2.2	6.7	5.0	5.7	4.0	2.7	3.4	9.9	9.5	9.7
7	4.2	1.7	3.1	7.0	5.3	6.1	3.8	2.1	3.0	9.6	8.9	9.2
8	2.7	1.6	1.8	6.4	4.7	5.5	3.4	2.7	3.1	9.9	8.8	9.4
9	2.8	1.9	2.4	7.9	4.6	5.7	4.7	2.2	3.0	9.8	9.4	9.7
10	2.4	1.0	2.0	7.2	3.9	5.0	4.8	3.1	4.0	9.5	9.0	9.2
11	1.2	0.3	0.5	4.9	3.2	3.9	4.9	3.3	3.9	9.6	8.8	9.3
12	6.2	0.6	1.6	4.8	2.9	3.9	4.1	3.1	3.5	9.5	8.9	9.2
13	5.4	3.2	4.1	6.7	3.4	4.6	3.4	2.5	2.9	10.1	8.7	9.2
14	7.9	1.8	3.9	5.4	3.6	4.4	2.6	1.8	2.1	9.9	8.8	9.5
15	9.6	4.9	7.3	5.3	2.7	3.9	7.0	1.7	3.3	9.4	8.0	8.7
16	7.7	5.0	6.2	6.9	3.5	4.6	8.1	3.6	5.4	8.2	7.3	7.7
17	9.2	3.5	6.7	7.3	4.3	5.5	6.6	4.9	5.7	7.5	6.6	7.0
18	8.1	4.8	6.5	7.9	5.4	6.1	7.9	5.1	6.5	6.7	6.2	6.5
19	5.7	3.6	4.6	6.5	5.3	5.9	8.2	5.8	6.3	6.4	5.7	6.1
20	5.3	2.6	3.3	8.3	4.2	5.5	8.4	4.2	5.7	8.1	5.5	6.6
21	6.6	2.9	3.8	6.9	5.0	5.8	8.1	6.1	7.2	7.2	4.7	6.0
22	5.6	2.5	3.4	7.2	5.2	6.4	7.6	6.4	6.9	5.1	3.5	4.0
23	6.6	3.5	4.4	6.8	5.2	5.7	6.4	5.4	5.9	10.2	3.4	5.4
24	5.7	2.8	3.6	8.9	5.4	6.8	6.0	4.7	5.1	10.3	9.5	10.1
25	5.0	2.8	3.2	8.1	5.9	7.0	6.2	4.7	5.6	10.0	9.5	9.7
26	8.1	2.6	4.7	6.7	5.0	5.6	7.0	4.5	5.5	9.5	8.8	9.2
27	8.1	5.2	6.9	6.0	5.0	5.5	7.5	5.6	6.5	9.1	8.9	9.0
28	---	---	---	5.1	3.1	4.2	7.5	6.4	6.8	9.0	8.9	9.0
29	---	---	---	3.2	2.1	2.6	7.5	5.6	6.4	9.0	8.8	8.9
30	---	---	---	5.0	0.9	2.1	9.7	5.6	8.2	8.9	2.6	3.7
31	---	---	---	---	---	---	9.1	8.2	8.6	4.8	2.3	2.6
MONTH	---	---	---	8.9	0.9	5.1	9.7	1.2	5.0	10.6	2.3	8.0

PAMLICO RIVER BASIN

02084472 PAMLICO RIVER AT WASHINGTON, NC--Continued

OXYGEN DISSOLVED (% OF SATURATION), TOP, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	100	56	80	112	64	90	90	49	65	98	69	79
2	114	53	82	122	81	97	75	36	56	85	68	77
3	127	44	76	122	66	95	76	25	46	80	68	75
4	---	---	---	108	61	86	---	---	---	87	70	78
5	---	---	---	99	41	77	---	---	---	93	76	82
6	---	---	---	107	55	76	---	---	---	87	76	81
7	---	---	---	105	57	79	---	---	---	80	76	77
8	---	---	---	140	60	84	---	---	---	87	75	80
9	---	---	---	---	---	---	---	---	---	85	79	82
10	---	---	---	---	---	---	---	---	---	89	77	83
11	147	69	104	---	---	---	---	---	---	86	82	83
12	155	52	102	---	---	---	51	26	37	87	79	83
13	129	66	93	---	---	---	68	18	28	86	80	83
14	114	84	98	---	---	---	82	19	50	84	73	81
15	116	71	94	---	---	---	90	40	60	80	75	77
16	133	76	96	107	45	79	95	46	62	79	66	74
17	109	80	93	93	47	74	95	51	65	77	66	73
18	114	74	93	118	57	78	74	52	63	78	54	70
19	---	---	---	120	57	84	118	56	76	78	49	66
20	---	---	---	105	63	86	83	67	74	104	62	76
21	---	---	---	94	65	74	93	67	78	79	73	76
22	---	---	---	151	52	83	111	69	82	81	73	79
23	---	---	---	110	61	85	96	57	74	84	74	81
24	---	---	---	99	61	82	101	66	85	85	82	83
25	---	---	---	101	69	81	87	53	71	84	80	82
26	---	---	---	100	60	72	85	46	65	80	78	79
27	---	---	---	76	49	60	92	56	71	78	75	77
28	---	---	---	92	55	71	100	64	77	78	75	77
29	---	---	---	94	43	61	107	67	81	79	76	77
30	---	---	---	99	53	74	104	66	79	81	76	78
31	---	---	---	---	---	---	92	74	82	82	74	78
MONTH	---	---	---	---	---	---	---	---	---	104	49	78

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	82	75	79	106	86	92	70	50	65	78	67	72
2	80	56	69	99	84	90	66	59	64	83	69	75
3	72	47	67	95	83	88	67	59	63	82	71	76
4	73	66	70	87	82	85	67	60	63	72	67	70
5	82	71	78	85	78	81	63	58	59	74	65	69
6	79	70	74	88	79	83	61	58	59	73	59	64
7	86	69	78	91	80	86	61	58	59	73	63	68
8	86	78	83	94	80	87	65	60	63	76	48	67
9	88	78	84	94	86	90	67	62	65	93	63	73
10	89	81	87	94	86	91	67	64	66	97	57	77
11	90	81	87	90	82	87	69	63	65	85	59	74
12	87	84	86	90	83	86	68	63	65	91	69	77
13	91	82	84	84	72	81	66	60	63	90	75	81
14	85	77	82	82	56	76	65	57	62	84	72	79
15	86	80	82	85	74	81	66	59	63	91	74	82
16	85	78	82	88	78	82	68	57	62	102	77	85
17	85	77	82	82	68	74	67	58	61	102	74	85
18	83	71	78	75	18	63	70	56	60	90	72	78
19	81	68	76	67	17	46	67	56	60	82	67	72
20	81	72	78	70	55	66	63	55	58	94	67	76
21	81	75	78	68	49	61	64	18	46	122	61	80
22	79	61	73	77	61	69	61	43	53	109	57	79
23	90	52	64	79	69	73	55	20	46	144	63	93
24	98	37	61	79	69	75	74	37	51	143	71	100
25	137	39	68	78	71	75	61	53	58	130	88	103
26	86	59	73	77	71	74	65	57	60	129	89	110
27	91	63	78	76	70	73	68	57	62	120	87	104
28	102	87	92	73	29	67	72	61	66	105	80	95
29	---	---	---	71	63	68	81	69	74	98	80	91
30	---	---	---	73	67	70	84	73	76	103	78	92
31	---	---	---	72	61	70	---	---	---	121	82	100
MONTH	137	37	78	106	17	77	84	18	61	144	48	82

PAMLICO RIVER BASIN

02084472 PAMLICO RIVER AT WASHINGTON, NC--Continued

OXYGEN DISSOLVED (% OF SATURATION), TOP, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	127	95	106	107	53	80	---	---	---	45	14	38
2	114	78	98	104	60	79	---	---	---	47	14	40
3	101	69	89	128	65	86	---	---	---	49	24	45
4	113	73	89	105	62	84	---	---	---	53	44	49
5	117	80	98	93	56	76	---	---	---	50	46	48
6	134	72	104	92	25	74	---	---	---	47	44	45
7	100	71	86	105	62	82	---	---	---	46	41	44
8	103	71	85	109	74	87	---	---	---	48	42	45
9	112	69	90	109	75	94	76	58	67	48	42	44
10	108	71	89	104	56	86	81	60	69	52	18	38
11	103	73	90	81	53	65	78	53	65	47	26	34
12	105	68	88	101	59	73	83	46	60	44	19	31
13	107	64	85	101	60	84	88	59	75	52	27	35
14	103	64	83	105	66	87	77	37	57	46	33	39
15	100	59	79	90	58	76	---	---	---	53	38	43
16	96	58	77	130	37	80	---	---	---	54	41	47
17	87	58	75	---	---	---	---	---	---	56	43	49
18	84	52	69	98	54	70	108	67	89	59	46	52
19	89	50	70	91	49	67	95	61	76	60	53	56
20	93	46	70	100	49	64	94	56	70	59	54	56
21	91	59	78	---	---	---	82	48	65	60	53	55
22	99	67	79	---	---	---	82	48	58	58	50	52
23	93	64	77	---	---	---	101	42	75	55	47	50
24	103	64	79	---	---	---	102	55	75	52	41	47
25	103	66	83	---	---	---	84	48	64	53	25	42
26	106	63	86	---	---	---	67	49	56	51	31	45
27	90	40	74	---	---	---	66	42	52	54	43	48
28	94	53	74	---	---	---	60	36	48	64	41	50
29	95	53	73	---	---	---	66	26	42	65	45	51
30	103	59	76	---	---	---	64	4	34	54	34	45
31	---	---	---	---	---	---	48	0	22	---	---	---
MONTH	134	40	83	---	---	---	---	---	---	65	14	45

OXYGEN DISSOLVED (% OF SATURATION), BOTTOM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	57	25	41	69	52	58	44	12	23	79	66	70
2	55	22	35	78	38	51	67	25	42	77	69	73
3	47	16	24	68	39	54	73	26	47	74	69	71
4	51	13	22	51	35	44	60	43	52	83	68	75
5	56	16	26	82	25	48	48	35	42	82	76	78
6	48	15	26	68	51	59	42	28	35	78	75	77
7	48	20	35	71	53	61	40	22	31	76	71	74
8	30	19	21	64	47	56	36	28	32	78	70	75
9	31	21	27	81	46	58	49	23	32	78	75	77
10	26	11	22	73	40	51	50	32	42	76	72	74
11	13	4	5	50	33	39	50	34	40	77	70	75
12	69	6	18	49	29	39	42	32	36	77	72	74
13	60	36	46	68	35	47	35	25	30	80	70	74
14	90	20	44	55	36	44	27	18	22	82	72	79
15	110	56	84	54	27	39	72	18	34	79	67	72
16	88	57	71	70	35	47	82	36	55	69	62	65
17	100	40	74	75	44	56	67	50	57	63	56	59
18	88	52	70	80	54	62	79	52	65	57	53	55
19	62	39	50	65	54	60	81	57	63	54	48	52
20	57	29	36	84	43	56	81	41	56	68	47	55
21	71	32	42	70	50	58	78	59	69	61	40	51
22	62	28	37	71	52	63	71	59	65	43	29	34
23	73	39	49	67	51	56	59	50	55	82	29	44
24	63	32	39	88	53	67	56	44	48	85	81	83
25	57	31	36	80	59	69	58	44	52	84	80	82
26	88	30	52	66	50	55	65	42	50	80	75	79
27	88	57	74	60	50	55	68	51	59	78	76	77
28	---	---	---	51	31	42	68	57	61	78	77	78
29	---	---	---	32	21	26	66	50	57	79	77	77
30	---	---	---	52	9	21	82	50	70	78	23	33
31	---	---	---	---	---	---	77	69	73	43	20	23
MONTH	---	---	---	88	9	51	82	12	48	85	20	67

