

## PAMLICO RIVER BASIN

0208453300 PAMLICO RIVER AT LIGHT 5

LOCATION.--Lat 35°25'51", long 76°50'30", Beaufort County, Hydrologic Unit 03020104, on U.S. Coast Guard Channel Light 5.

PERIOD OF RECORD.--Water years 1989 to 1992, 1999 to current year.

PERIOD OF DAILY RECORD.--

SALINITY (TOP AND BOTTOM): May 1989 to September 1992, May 1999 to current year.

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

WATER TEMPERATURE (TOP): May 1989 to September 1992, May 1999 to current year.

WATER TEMPERATURE (BOTTOM): May 1999 to current year.

DISSOLVED OXYGEN (TOP AND BOTTOM) : May 1989 to September 1992, May 1999 to current year.

DISSOLVED OXYGEN (MID): May 1989 to September 1992.

DISSOLVED OXYGEN, PERCENT SATURATION (TOP AND BOTTOM): May 1989 to September 1992, May 1999 to current year.

DISSOLVED OXYGEN, PERCENT SATURATION (MID): May 1989 to September 1992.

INSTRUMENTATION.--Water-quality monitor from May 1989 to September 1992. Constituents monitored were: specific conductance, top and bottom, water temperature top, dissolved oxygen, top, mid-depth and bottom. Water-quality monitor with satellite telemetry from May 1999 to current year. Constituents monitored were the same as previous water years except, mid-depth dissolved oxygen was not measured, water temperature, bottom, was added as well as pH top and bottom.

REMARKS.--Station operated in cooperation with the North Carolina Department of Environment and Natural Resources. The monitor was removed on August 29, 1999 to prevent possible destruction of the equipment during Hurricane Dennis. It was reinstalled on September 9, 1999. The monitor was removed again on September 14, 1999 to prevent possible destruction during Hurricane Floyd. It was reinstalled on October 21, 1999. 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%.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY (TOP), ppt	13.7, January 16, 17, August 30, 2001	<0.1, on several days during the period
SALINITY (BOTTOM), ppt	17.9, September 27, 29, 30, 2001	<0.1 April 12, 1990, October 22-26, 1999
pH (TOP), standard units	9.2, August 4, 2001	6.2, October 22, 23, 24, 1999
pH (BOTTOM), standard units	8.8, April 1, 2000	5.9, October 23, 1999
WATER TEMPERATURE (TOP), °C	33.1, July 31, 1999	0.0, December 3, 1989
WATER TEMPERATURE (BOTTOM), °C	30.5, July 24, 1999	1.7, January 28, 2000
DISSOLVED OXYGEN (TOP), mg/L	18.5, February 5, 1991	<1.0, on several days during the period
DISSOLVED OXYGEN (BOTTOM), mg/L	18.6, January 5, 1992	<1.0, on many days during the period

EXTREMES FOR CURRENT YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY (TOP), ppt	13.7, January 16, 17, August 30	0.3, June 23
SALINITY (BOTTOM), ppt	17.9, September 27, 29, 30	1.6, June 27
pH (TOP), standard units	9.2, August 4	6.7, June 5, 22, July 1, 12
pH (BOTTOM), standard units	8.6, October 11	6.2, June 26, 27
WATER TEMPERATURE (TOP), °C	31.5, August 10	1.2, January 4
WATER TEMPERATURE (BOTTOM), °C	29.6, July 15	2.0, January 4
DISSOLVED OXYGEN (TOP), mg/L	15.8, August 4	<1.0, July 1, August 6, 9, 10, 11, 30
DISSOLVED OXYGEN (BOTTOM), mg/L	13.3, January 18	<1.0, on many days during the year
DISSOLVED OXYGEN, PERCENT SATURATION (TOP),%	≥200, August 4	<10, July 1, August 6, 9, 10, 11, 30
DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM),%	107, January 20	<10, on many days during the year

PAMLICO RIVER BASIN

0208453300 PAMLICO RIVER AT LIGHT 5--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TRANS-PAR- ENCY (SECCHI DISK) (M) (00078)	SAM- PLING DEPTH (FEET) (00003)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L) AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L) AS N) (00613)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L) AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L) AS N) (00631)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L) AS P) (00671)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	
MAY														
03...	1500	--	3.10	22.0	9340	9.8	8.3	--	--	2.1	--	--	<.1	
03...	1507	--	5.80	20.8	9370	9.3	8.2	--	--	1.4	--	--	<.1	
31...	1200	--	4.00	23.5	12400	7.4	7.8	--	--	2.0	--	--	--	
31...	1207	--	6.50	23.5	1250	6.9	7.7	--	--	1.1	--	--	--	
31...	1500	--	4.00	23.8	12400	6.7	7.6	--	--	2.1	--	--	11.0	
31...	1507	--	6.50	23.6	12700	5.1	7.2	--	--	.88	--	--	9.3	
JUN														
13...	1600	--	4.00	28.3	10200	6.9	7.8	--	--	1.8	--	--	<.1	
13...	1607	--	7.00	27.1	13100	4.3	7.1	--	--	1.9	--	--	<.1	
28...	1200	.60	3.50	28.3	2110	6.8	7.9	.016	.001	.96	.005	.022	7.6	
28...	1207	.60	6.00	28.0	2100	6.6	7.6	.012	<.001	5.0	.007	.016	<.1	
JUL														
25...	1600	.90	2.00	28.4	15500	7.2	7.7	.043	<.001	.39	.006	.049	4.0	
25...	1607	.90	5.50	28.1	15500	6.5	7.7	.043	<.001	.39	.006	.049	4.0	
AUG														
01...	1100	--	3.00	25.4	11500	8.6	8.4	.025	<.001	.79	.006	.052	6.2	
01...	1107	--	6.00	25.4	11400	8.1	8.3	.033	<.001	.74	.006	.051	4.6	
17...	1400	--	2.00	30.0	11600	8.1	8.2	.026	<.001	.61	<.005	.101	2.2	
17...	1407	--	5.50	28.6	12000	10.1	8.5	.019	<.001	.67	<.005	.108	5.2	
23...	1100	--	1.00	28.5	10200	8.3	8.3	.023	<.001	.55	.005	.088	--	
23...	1107	--	4.50	27.7	10300	7.3	8.2	.040	<.001	.67	.005	.096	--	
30...	1300	--	1.00	26.9	10900	7.1	7.8	E.021	E.001	.78	<.005	E.080	11.6	
30...	1307	--	4.50	26.6	11600	6.1	7.6	E.147	<.001	.25	<.005	E.203	3.9	
SEP														
06...	1000	--	2.50	26.4	18200	6.7	7.9	.065	.003	.43	.008	.134	1.9	
06...	1007	--	7.00	26.4	18200	6.7	7.9	.058	.001	.42	.009	.133	2.9	
13...	1000	--	2.00	26.1	18600	6.8	7.9	.067	.004	.46	.007	.112	2.5	
13...	1007	--	5.50	26.0	18700	6.5	7.9	.070	.002	.49	.008	.111	3.1	
20...	1100	--	2.00	23.2	17800	7.0	8.0	.077	.001	.37	.009	.089	.2	
20...	1107	--	6.00	23.2	18200	6.4	7.9	.069	.001	.50	.009	.085	.2	
27...	1300	--	2.50	22.7	17900	8.2	8.4	.055	<.002	<.10	<.013	.051	--	
27...	1307	--	6.00	22.6	18400	7.0	8.0	.054	<.002	.13	<.013	.056	--	
DATE		CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	NITRO- GEN, ORGANIC (MG/L) AS N) (00605)	NITRO- GEN, AMMONIA TOTAL (MG/L) AS N) (00610)	NITRO- GEN, NITRITE TOTAL (MG/L) AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L) AS N) (00630)	PHOS- PHORUS TOTAL (MG/L) AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L) AS P) (70507)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L) AS NH4) (71846)	NITRO- GEN, AMMONIA TOTAL (MG/L) AS NH4) (71845)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L) AS N) (00618)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L) AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L) AS NO2) (71856)	NITRO- GEN, TOTAL (MG/L) AS N) (00600)
MAY														
03...	--	2.1	.02	.01	<.02	.050	.010	--	.03	--	--	--	--	--
03...	--	1.4	.02	.01	<.02	.030	.020	--	.03	--	--	--	--	--
31...	--	2.0	.02	<.01	<.02	.060	.050	--	.03	--	--	--	--	--
31...	--	--	<.01	<.01	<.02	.050	.050	--	--	--	--	--	--	--
31...	--	2.1	.02	<.01	<.02	.050	.040	--	.03	--	--	--	--	--
31...	--	.87	.01	<.01	<.02	.070	.040	--	.01	--	--	--	--	--
JUN														
13...	--	1.7	.09	<.01	<.02	.090	.070	--	.12	--	--	--	--	--
13...	--	1.8	.06	<.01	<.02	.270	.130	--	.08	--	--	--	--	--
28...	E.3	.94	--	--	--	.112	--	.02	--	.004	.018	.003	.97	--
28...	<.1	5.0	--	--	--	.090	--	.02	--	--	--	--	5.0	--
JUL														
25...	<.1	.35	--	--	--	.078	--	.06	--	--	--	--	--	.40
25...	<.1	.35	--	--	--	.078	--	.06	--	--	--	--	--	.40
AUG														
01...	.4	.77	--	--	--	--	--	.03	--	--	--	--	--	.80
01...	E.2	.70	--	--	--	--	--	.04	--	--	--	--	--	.74
17...	<.1	.59	--	--	--	--	--	.03	--	--	--	--	--	--
17...	<.1	.65	--	--	--	--	--	.02	--	--	--	--	--	--
23...	--	.52	--	--	--	--	--	.03	--	--	--	--	--	.55
23...	--	.63	--	--	--	--	--	.05	--	--	--	--	--	.67
30...	.6	--	--	--	--	--	--	--	--	--	--	--	--	--
30...	<.1	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP														
06...	<.1	.37	--	--	--	--	--	.08	--	.005	.022	.010	.44	--
06...	<.1	.36	--	--	--	--	--	.07	--	.008	.035	.003	.43	--
13...	<.1	.39	--	--	--	--	--	.09	--	.003	.013	.013	.46	--
13...	<.1	.42	--	--	--	--	--	.09	--	.006	.027	.007	.50	--
20...	<.1	.29	--	--	--	--	--	.10	--	.008	.035	.003	.38	--
20...	<.1	.43	--	--	--	--	--	.09	--	.008	.035	.003	.51	--
27...	--	--	--	--	--	--	--	.07	--	--	--	--	--	--
27...	--	.07	--	--	--	--	--	.07	--	--	--	--	--	--

## PAMLICO RIVER BASIN

0208453300 PAMLICO RIVER AT LIGHT 5--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4 (00660)	PHOS- PHATE, TOTAL (MG/L AS PO4 (00650)
MAY		
03...	--	.031
03...	--	.061
31...	--	.153
31...	--	.153
31...	--	.123
31...	--	.123
JUN		
13...	--	.215
13...	--	.399
28...	.067	--
28...	.049	--
JUL		
25...	.150	--
25...	.150	--
AUG		
01...	.159	--
01...	.156	--
17...	.310	--
17...	.331	--
23...	.270	--
23...	.294	--
30...	--	--
30...	--	--
SEP		
06...	.411	--
06...	.408	--
13...	.343	--
13...	.340	--
20...	.273	--
20...	.261	--
27...	.156	--
27...	.172	--

## PAMLICO RIVER BASIN

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0208453300 PAMLICO RIVER AT LIGHT 5--Continued

SALINITY (PARTS PER THOUSAND), TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	3.9	2.9	3.5	11.2	10.4	10.8	11.0	9.3	10.2	10.4	10.2	10.3
2	4.9	1.8	2.4	11.0	10.5	10.7	11.6	9.7	10.6	10.4	9.7	10.0
3	6.5	1.7	2.7	10.9	10.1	10.3	11.5	9.6	10.9	10.6	9.5	9.8
4	6.3	1.8	3.1	11.6	10.1	10.7	10.6	7.0	9.0	10.4	9.3	9.7
5	7.8	2.4	5.8	12.2	9.1	10.7	10.4	8.0	9.3	10.9	9.3	10.1
6	6.3	3.1	4.0	12.3	9.8	11.0	11.8	7.2	9.6	10.2	9.2	9.5
7	7.4	2.9	4.6	12.6	10.1	11.7	11.7	7.0	9.3	10.1	8.8	9.3
8	6.9	3.1	4.1	12.5	11.3	12.0	10.7	8.6	9.5	9.8	8.8	9.2
9	7.8	3.4	5.7	12.3	11.3	11.7	11.5	8.7	9.7	10.0	8.9	9.2
10	9.8	6.2	7.9	12.2	9.8	11.4	11.6	9.3	10.4	12.0	9.3	10.4
11	9.8	8.5	9.3	11.9	10.8	11.0	11.3	8.6	10.1	11.7	10.2	10.7
12	9.6	8.0	8.8	12.8	11.0	11.8	11.6	9.0	10.2	11.5	10.3	10.8
13	9.2	7.4	8.1	12.9	11.2	12.0	11.4	9.7	10.5	12.6	10.9	12.0
14	9.7	6.9	8.4	12.0	10.6	11.5	11.7	9.8	10.6	12.6	11.8	12.2
15	11.0	6.9	8.2	12.4	10.6	11.0	10.9	9.7	10.4	13.6	9.4	11.5
16	11.7	8.4	10.2	12.3	10.9	11.7	11.1	9.7	10.1	13.7	9.3	10.8
17	11.5	8.0	10.1	12.2	10.8	11.3	11.9	9.7	10.8	13.7	9.8	12.0
18	10.4	8.5	9.1	12.1	11.3	11.8	11.2	9.2	10.2	13.5	9.8	11.9
19	9.7	8.1	8.7	11.8	10.9	11.3	10.6	9.2	9.5	13.5	11.1	12.5
20	9.8	8.1	8.7	11.7	10.6	11.0	10.0	8.7	9.3	13.2	10.2	11.3
21	12.7	7.9	9.9	11.2	9.8	10.5	10.0	9.0	9.4	10.9	10.1	10.4
22	12.6	8.2	9.7	12.6	10.0	10.8	9.9	7.5	8.1	12.1	10.2	11.1
23	12.6	7.2	10.4	12.6	11.3	11.8	10.2	7.6	8.8	12.2	10.6	11.8
24	11.4	4.9	10.1	12.0	11.8	11.9	10.3	7.3	8.7	11.7	9.5	10.6
25	10.4	9.7	10.0	11.9	11.7	11.8	9.4	6.5	7.3	11.5	7.4	9.0
26	11.2	9.3	10.3	11.8	10.8	11.3	10.5	5.7	7.8	12.6	8.3	10.6
27	11.0	6.3	10.5	11.7	11.3	11.5	10.4	6.7	8.3	12.6	9.5	10.6
28	10.7	6.6	10.4	11.8	9.7	11.3	12.0	5.0	7.7	11.0	10.6	10.8
29	11.5	9.9	10.8	11.8	9.4	10.7	11.8	6.8	9.2	11.8	9.9	10.7
30	11.4	9.9	10.6	11.7	9.3	10.1	10.9	7.8	9.0	12.4	10.6	11.4
31	11.2	10.0	10.8	---	---	---	10.6	9.4	10.2	11.3	10.4	10.9
MONTH	12.7	1.7	8.0	12.9	9.1	11.2	12.0	5.0	9.5	13.7	7.4	10.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	11.2	10.2	10.7	9.6	6.1	7.7	6.7	1.1	4.0	6.4	5.2	5.5
2	10.9	8.4	9.9	9.4	5.6	6.3	5.4	2.1	3.1	6.7	4.4	5.0
3	11.5	8.2	9.5	10.6	4.5	7.0	5.4	2.7	3.8	6.6	4.6	5.0
4	12.3	9.5	10.8	10.6	6.0	8.0	6.9	2.0	4.3	6.1	4.7	5.2
5	10.6	9.0	9.6	9.5	5.5	6.5	6.8	1.9	3.7	5.3	4.3	5.0
6	10.3	9.0	9.6	7.2	3.8	5.5	3.2	1.4	2.1	6.9	4.2	5.6
7	11.8	8.6	9.4	10.3	6.7	8.3	2.6	1.0	1.2	7.0	6.1	6.6
8	11.6	9.3	10.2	13.0	8.2	9.5	2.6	.7	1.4	7.0	5.9	6.4
9	11.5	9.0	9.9	9.6	7.3	8.3	9.0	.9	2.3	7.2	5.3	6.0
10	10.3	9.2	9.7	8.1	5.9	7.0	11.4	1.2	4.7	6.2	4.4	5.3
11	10.6	9.3	10.0	8.9	5.4	7.3	5.9	4.0	4.8	8.0	4.3	5.2
12	10.5	9.3	9.9	12.2	6.8	9.6	4.6	3.6	4.0	6.5	4.9	5.2
13	9.8	9.1	9.4	11.3	7.4	9.0	4.5	2.3	3.4	5.6	4.7	5.3
14	10.6	8.3	9.2	9.7	8.5	9.0	3.9	2.4	3.1	6.8	4.9	5.4
15	9.0	8.0	8.4	9.8	8.3	9.0	3.6	2.3	2.8	6.8	5.3	5.9
16	9.4	8.1	8.6	9.7	8.3	9.1	4.9	2.8	3.9	8.4	5.4	6.1
17	9.5	8.6	9.1	9.2	7.8	8.5	6.0	3.5	5.3	7.3	6.4	6.8
18	9.6	8.7	9.2	9.4	7.1	8.0	6.4	4.5	5.7	7.1	6.7	6.8
19	10.0	9.2	9.4	9.9	7.5	8.6	6.7	6.0	6.4	7.0	6.1	6.5
20	9.2	7.3	8.5	10.3	8.4	9.0	6.6	6.0	6.4	8.5	6.5	7.0
21	8.4	6.5	7.6	10.7	7.1	8.4	6.4	5.9	6.3	7.3	6.6	7.0
22	10.6	6.9	8.5	7.1	6.0	6.5	6.4	5.3	6.0	7.4	6.7	7.0
23	8.4	6.9	7.5	7.6	5.5	6.3	5.8	5.2	5.5	7.6	6.7	7.1
24	11.7	7.5	8.8	7.0	5.4	6.2	6.1	5.2	5.6	8.1	6.2	6.8
25	10.0	8.8	9.3	7.2	5.4	6.6	6.1	5.0	5.7	7.9	6.6	7.2
26	9.2	7.0	8.4	7.0	4.9	5.7	6.6	5.6	6.0	7.5	6.5	7.1
27	10.4	6.6	8.2	5.4	3.5	4.2	6.7	5.2	5.7	7.2	6.4	6.8
28	9.5	6.6	8.4	6.9	3.8	4.5	6.4	4.9	5.7	7.0	6.4	6.7
29	---	---	---	5.2	3.5	4.3	6.8	5.9	6.4	6.9	6.1	6.4
30	---	---	---	3.9	1.7	2.6	6.7	5.6	6.0	8.5	5.5	6.0
31	---	---	---	2.2	.9	1.4	---	---	---	8.9	6.5	7.1
MONTH	12.3	6.5	9.2	13.0	.9	7.0	11.4	.7	4.5	8.9	4.2	6.2

## PAMLICO RIVER BASIN

0208453300 PAMLICO RIVER AT LIGHT 5--Continued

SALINITY (PARTS PER THOUSAND), TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.2	6.6	6.9	8.8	2.0	3.4	8.4	6.2	7.2	10.4	8.7	9.4
2	6.7	5.6	6.2	7.9	4.3	6.1	7.8	5.8	6.6	13.0	9.5	10.3
3	6.0	5.3	5.6	7.6	6.3	7.0	6.5	4.6	5.6	10.6	10.1	10.3
4	7.6	5.3	6.0	7.3	6.9	7.1	7.0	4.0	5.4	10.6	9.9	10.3
5	8.8	5.3	6.0	7.7	6.9	7.2	7.8	3.5	5.1	10.4	9.7	10.1
6	6.5	4.9	5.6	9.3	6.5	7.2	7.7	3.7	4.9	11.3	10.1	10.6
7	6.0	4.2	4.8	7.9	7.2	7.6	8.4	3.0	4.8	11.3	10.2	10.7
8	6.4	4.8	5.6	7.5	6.8	7.2	8.4	3.5	5.9	11.4	10.6	11.0
9	5.8	4.4	5.1	7.6	7.1	7.3	9.8	3.2	5.4	11.5	10.6	11.1
10	6.2	3.9	4.9	7.8	6.8	7.4	9.3	3.4	5.8	11.2	10.5	10.7
11	6.3	3.6	4.9	7.4	6.3	7.0	7.9	4.5	6.0	11.1	10.4	10.7
12	10.8	3.4	4.6	9.4	6.2	7.5	7.4	5.1	5.8	11.2	10.5	10.8
13	8.7	3.5	6.0	8.1	7.6	7.9	6.3	5.5	5.8	11.3	10.6	11.1
14	7.6	6.6	7.1	8.1	7.3	7.6	7.1	5.8	6.2	11.4	10.6	10.9
15	7.2	5.4	6.1	8.2	6.6	7.1	6.4	5.8	6.1	11.9	11.4	11.6
16	6.1	5.0	5.6	8.8	6.0	6.7	8.1	6.2	6.8	12.0	11.5	11.8
17	5.0	3.3	4.5	7.8	5.8	6.4	8.1	5.1	6.2	11.8	10.6	11.4
18	4.7	2.1	3.1	10.0	5.8	6.3	6.4	4.5	5.4	11.8	10.5	11.3
19	5.8	2.2	3.6	10.0	6.4	7.0	7.3	4.6	5.5	12.2	10.7	11.4
20	3.9	.7	2.1	9.0	7.0	8.1	7.8	4.9	5.2	11.3	10.4	10.9
21	4.9	.5	1.4	9.3	8.5	8.9	7.8	5.3	5.8	11.5	10.2	10.6
22	2.9	.4	.7	9.4	8.4	8.8	8.1	5.4	6.2	12.4	9.8	10.5
23	1.0	.3	.7	9.2	8.4	8.7	7.5	5.0	5.9	12.6	9.7	10.8
24	3.6	.4	.7	8.8	8.3	8.5	5.4	4.1	4.7	11.6	10.4	10.9
25	2.3	.7	1.2	8.9	8.2	8.6	8.0	4.3	5.7	10.7	10.4	10.6
26	2.5	.8	1.7	8.8	8.1	8.4	9.0	4.8	6.1	11.5	10.0	10.4
27	2.1	.9	1.4	9.0	8.3	8.6	9.0	5.1	6.6	11.7	10.6	10.9
28	1.4	.7	.9	8.8	8.5	8.7	9.1	5.1	5.8	11.2	10.1	10.6
29	3.8	.7	1.4	8.8	8.2	8.6	9.9	5.7	7.0	11.0	9.3	9.8
30	5.9	1.4	2.3	8.5	7.0	7.7	13.7	6.3	8.9	12.4	9.5	10.5
31	---	---	---	8.5	5.9	6.7	10.7	7.2	8.3	---	---	---
MONTH	10.8	.3	3.9	10.0	2.0	7.5	13.7	3.0	6.0	13.0	8.7	10.7

SALINITY (PARTS PER THOUSAND), BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.0	3.2	7.5	11.5	10.9	11.2	11.7	10.4	11.4	10.6	10.3	10.4
2	10.2	3.4	8.7	12.2	10.8	11.3	11.7	10.5	11.4	10.9	9.8	10.2
3	8.2	7.0	7.5	12.4	11.8	12.2	11.6	9.6	10.9	11.5	9.9	11.1
4	8.3	7.0	7.6	12.6	11.9	12.3	11.5	9.9	10.9	13.3	10.4	11.3
5	8.6	7.2	8.1	12.6	11.1	12.1	12.2	10.5	11.5	13.8	10.2	11.7
6	12.7	6.9	8.6	12.6	12.2	12.4	12.1	10.4	11.8	14.1	10.8	13.7
7	14.2	12.1	13.5	12.7	12.6	12.7	12.6	11.7	12.2	14.1	13.9	14.0
8	14.8	13.7	14.2	12.7	12.5	12.6	12.7	9.9	12.5	14.1	12.2	13.9
9	14.9	10.1	13.8	12.7	11.5	12.4	12.8	11.4	12.5	14.6	9.8	13.8
10	14.0	8.6	11.1	13.0	11.1	12.0	12.3	9.7	11.4	14.8	9.8	12.7
11	11.9	9.2	10.2	13.0	11.1	11.9	12.9	11.1	12.3	13.2	11.9	12.8
12	11.1	8.4	10.1	13.0	12.4	12.7	12.6	9.9	11.2	13.8	11.1	13.2
13	11.2	10.7	11.0	13.0	12.4	12.8	13.6	10.3	12.0	13.7	11.1	12.5
14	11.6	10.9	11.2	12.8	10.9	12.3	13.2	10.0	11.4	13.7	12.8	13.3
15	12.8	11.1	12.2	13.3	11.0	12.1	13.1	10.0	11.0	13.9	12.5	13.7
16	13.0	12.4	12.8	13.5	12.4	13.2	13.9	9.9	12.4	13.9	12.2	13.6
17	12.8	12.3	12.7	13.4	11.3	12.8	13.9	9.8	11.6	13.8	13.4	13.7
18	12.7	12.2	12.5	13.7	11.1	12.4	11.2	9.9	10.9	13.7	12.8	13.5
19	13.9	12.5	13.2	13.7	11.0	12.4	11.2	9.2	10.8	13.6	12.8	13.3
20	14.2	13.6	13.9	12.8	10.9	12.1	10.6	8.7	9.7	13.2	10.2	11.9
21	14.2	12.5	14.1	11.7	9.4	10.9	10.8	9.7	10.3	12.3	10.1	11.0
22	14.1	13.7	14.0	12.9	10.9	12.0	11.3	7.6	9.8	12.9	11.7	12.4
23	13.7	11.5	13.1	12.9	10.0	12.1	11.2	8.6	10.5	12.2	10.7	12.0
24	14.0	11.5	13.1	12.1	10.8	12.0	11.5	9.7	10.9	12.7	10.9	12.2
25	13.9	12.4	13.4	12.0	11.8	11.9	11.7	7.6	10.5	12.8	8.3	11.9
26	13.4	10.2	12.3	11.9	11.0	11.6	12.2	10.9	11.6	13.0	11.7	12.6
27	13.0	10.4	11.3	12.4	11.4	11.9	12.4	10.3	11.9	13.1	10.9	12.1
28	13.4	10.3	11.7	12.0	10.8	11.7	12.6	10.2	12.2	13.7	10.9	13.1
29	11.8	11.1	11.5	12.0	10.9	11.8	12.4	10.9	11.9	13.7	12.0	13.5
30	12.0	9.4	11.2	11.8	9.3	10.5	12.2	10.0	11.6	13.3	11.3	12.5
31	11.9	10.1	11.2	---	---	---	11.1	9.8	10.4	12.3	11.0	11.6
MONTH	14.9	3.2	11.5	13.7	9.3	12.1	13.9	7.6	11.3	14.8	8.3	12.6

## PAMLICO RIVER BASIN

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0208453300 PAMLICO RIVER AT LIGHT 5--Continued

SALINITY (PARTS PER THOUSAND), BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	12.2	10.5	11.4	11.3	8.2	10.4	9.3	2.8	7.4	7.5	5.3	6.7
2	12.6	10.1	12.1	11.1	9.3	10.6	10.0	5.6	8.4	7.8	6.2	7.1
3	13.3	9.2	11.9	11.1	10.5	10.9	10.6	8.0	9.9	7.5	6.4	7.0
4	13.1	10.3	11.6	10.9	8.7	10.2	11.3	10.0	10.9	7.8	6.3	6.9
5	11.8	9.0	10.3	10.4	5.6	8.1	10.4	6.4	9.5	8.1	6.5	7.2
6	12.0	10.0	11.3	9.5	4.2	6.4	9.7	8.0	8.7	8.6	6.1	7.6
7	12.0	10.1	11.5	11.8	8.3	10.4	11.5	7.7	10.4	7.1	6.5	6.7
8	11.8	10.1	11.3	13.3	11.7	12.6	11.4	7.0	10.3	7.4	6.3	6.7
9	11.8	10.0	11.1	12.7	8.2	11.5	12.3	11.4	11.8	7.4	5.6	6.4
10	11.7	9.3	10.6	13.0	12.5	12.8	12.6	6.5	11.8	7.8	6.0	6.9
11	11.3	9.5	10.1	13.0	12.8	12.9	10.9	3.7	7.8	8.2	6.2	7.5
12	10.5	9.5	10.0	12.9	10.4	12.6	9.6	3.4	6.8	8.4	5.5	7.5
13	11.5	9.3	10.3	12.4	9.0	10.8	11.3	4.3	8.6	9.4	5.4	7.8
14	11.8	9.3	11.2	11.7	8.9	10.0	10.9	6.6	8.9	9.4	5.9	8.6
15	12.4	8.9	11.1	11.7	7.3	10.4	11.3	7.3	9.8	9.3	5.4	7.8
16	12.8	9.7	12.2	10.8	7.3	9.5	12.0	4.3	10.4	9.3	8.4	9.0
17	13.1	9.0	11.2	10.2	8.9	9.4	12.0	5.1	7.9	8.8	6.7	7.5
18	13.2	9.5	12.9	10.3	7.4	8.8	6.7	5.2	5.8	8.3	6.9	7.7
19	13.2	11.2	12.8	10.5	7.6	9.8	7.2	6.3	6.7	10.0	6.6	7.6
20	13.4	10.2	12.7	10.4	8.7	9.2	6.7	6.3	6.5	9.9	6.5	7.8
21	13.9	10.2	13.3	10.8	7.7	9.1	6.5	5.4	6.4	8.2	6.6	7.5
22	13.9	7.1	11.7	9.4	6.0	7.5	6.4	4.6	6.3	7.7	6.6	7.1
23	13.6	7.1	12.5	9.3	7.1	8.3	9.1	5.1	6.8	7.8	6.8	7.2
24	13.3	9.7	12.2	10.4	6.1	9.1	10.3	3.4	7.5	8.3	6.9	7.6
25	12.4	8.6	10.8	10.1	5.6	8.4	11.0	5.0	7.3	8.2	7.0	7.8
26	12.0	8.5	9.6	9.7	5.0	7.5	11.1	5.1	6.8	7.5	6.5	7.3
27	11.7	9.3	10.9	10.0	5.0	9.0	11.6	5.6	10.0	7.6	6.1	7.2
28	11.3	7.3	10.2	9.3	5.4	8.6	11.1	5.0	8.6	7.4	6.4	7.0
29	---	---	---	8.9	4.9	7.5	9.9	6.1	8.3	8.8	6.6	7.6
30	---	---	---	6.6	2.4	5.0	8.1	5.9	6.9	9.3	6.3	8.2
31	---	---	---	8.1	6.5	7.4	---	---	---	9.3	6.8	7.4
MONTH	13.9	7.1	11.4	13.3	2.4	9.5	12.6	2.8	8.4	10.0	5.3	7.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.2	5.4	6.7	10.2	8.7	9.4	12.4	7.3	10.8	16.5	13.7	15.2
2	7.1	5.1	6.4	12.2	6.2	10.4	11.7	6.7	9.7	16.5	13.6	15.7
3	9.2	5.9	7.5	11.1	7.3	9.0	10.9	8.3	10.2	14.9	11.8	13.9
4	9.5	7.5	9.1	8.8	7.2	8.0	10.7	8.6	10.0	15.3	10.7	13.9
5	9.3	5.7	7.5	11.1	7.0	8.4	10.5	8.3	10.0	16.2	11.7	15.3
6	9.1	5.8	7.2	11.8	6.9	9.8	10.2	8.8	9.8	15.7	11.3	14.4
7	9.7	9.0	9.2	10.7	7.4	8.7	10.0	8.5	9.7	15.3	11.0	13.4
8	10.6	7.1	9.4	9.7	7.2	8.0	11.5	10.0	10.3	14.5	10.7	11.9
9	10.9	8.5	10.0	10.9	7.2	9.2	13.1	10.4	11.6	11.5	11.1	11.2
10	10.9	9.5	10.3	10.8	7.7	9.5	13.4	10.1	11.8	11.4	10.9	11.2
11	10.7	9.7	10.4	10.0	7.5	9.1	13.4	9.9	11.9	11.2	10.5	10.9
12	11.1	9.5	10.7	9.9	6.7	9.0	14.0	9.9	13.0	11.8	10.6	11.2
13	11.0	6.9	10.2	9.0	7.6	8.1	14.7	11.1	13.5	11.7	11.0	11.2
14	9.6	7.2	7.6	9.1	7.5	7.8	14.7	13.8	14.3	11.5	10.6	11.0
15	7.3	5.5	6.4	9.3	7.7	8.7	14.7	14.3	14.5	11.7	11.3	11.5
16	6.7	5.2	6.1	9.5	8.8	9.1	14.7	14.1	14.4	11.8	11.3	11.7
17	7.9	4.6	6.0	10.4	9.5	9.8	14.8	12.5	14.5	12.0	11.3	11.7
18	8.0	6.5	7.7	10.8	9.6	10.0	14.9	12.2	14.1	12.2	11.9	12.1
19	7.6	6.3	7.4	13.9	9.7	11.7	14.8	11.9	14.2	12.3	11.1	12.0
20	7.5	6.5	7.2	14.8	11.0	13.4	14.5	14.1	14.4	11.9	10.9	11.4
21	7.7	6.1	7.2	14.5	9.2	12.5	14.6	12.7	14.3	12.1	11.2	11.5
22	8.3	5.6	7.1	14.0	8.9	12.6	14.5	12.7	14.0	14.1	10.9	12.3
23	7.7	3.1	7.1	13.2	8.7	10.3	14.2	12.3	13.7	15.3	12.0	13.6
24	9.2	6.5	8.5	10.7	8.5	9.3	14.2	13.7	14.0	15.2	11.2	13.3
25	8.6	5.5	8.0	12.5	8.5	9.5	14.2	13.7	14.0	16.9	11.1	14.3
26	7.7	2.9	6.5	13.4	8.5	11.3	14.1	13.0	13.8	17.3	16.9	17.1
27	7.5	1.6	4.8	13.7	8.9	12.8	14.0	13.7	13.9	17.9	17.1	17.6
28	8.1	5.4	7.4	13.7	8.6	12.3	14.0	13.6	13.9	17.8	10.5	17.3
29	8.3	7.8	8.0	13.5	8.4	12.2	13.9	13.2	13.7	17.9	17.3	17.4
30	9.1	8.0	8.5	13.5	7.7	11.0	13.7	13.2	13.5	17.9	11.2	15.7
31	---	---	---	13.4	11.5	12.8	15.0	13.0	13.6	---	---	---
MONTH	11.1	1.6	7.9	14.8	6.2	10.1	15.0	6.7	12.7	17.9	10.5	13.4

## PAMLICO RIVER BASIN

0208453300 PAMLICO RIVER AT LIGHT 5--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.3	7.7	7.9	7.6	7.5	7.5	7.9	7.7	7.8	8.2	8.1	8.1
2	8.5	7.5	7.9	7.6	7.5	7.5	7.9	7.7	7.8	8.3	8.1	8.2
3	8.3	6.8	7.6	7.7	7.5	7.6	7.8	7.6	7.7	8.2	8.1	8.1
4	7.8	6.9	7.3	7.8	7.4	7.6	7.9	7.7	7.8	8.2	8.1	8.2
5	7.7	6.8	7.1	7.8	7.4	7.7	7.8	7.7	7.8	8.2	8.1	8.2
6	8.7	6.8	7.8	7.9	7.4	7.6	7.8	7.6	7.7	8.1	8.0	8.1
7	8.8	7.0	7.8	7.8	7.3	7.5	7.9	7.6	7.8	8.1	8.0	8.1
8	8.8	7.2	7.7	7.7	7.3	7.5	7.8	7.6	7.8	8.1	8.0	8.0
9	7.6	7.1	7.3	7.7	7.3	7.5	7.8	7.7	7.8	8.0	7.9	8.0
10	7.9	7.3	7.5	7.7	7.3	7.5	7.8	7.6	7.7	7.9	7.8	7.9
11	8.3	7.2	7.7	7.8	7.6	7.7	7.8	7.7	7.7	8.0	7.9	7.9
12	8.3	7.9	8.1	7.8	7.6	7.7	7.8	7.6	7.7	8.0	7.9	7.9
13	8.6	8.1	8.4	7.9	7.6	7.8	7.8	7.7	7.7	7.9	7.8	7.8
14	8.6	7.4	8.1	7.8	7.6	7.7	7.8	7.6	7.8	7.9	7.8	7.8
15	8.8	6.8	8.2	7.9	7.6	7.8	7.9	7.7	7.8	8.1	7.6	8.0
16	7.6	6.8	6.9	7.8	7.6	7.7	8.0	7.8	7.9	8.1	7.7	8.0
17	7.9	6.8	7.2	8.0	7.8	7.9	7.9	7.6	7.7	8.1	7.6	7.9
18	8.0	7.2	7.8	8.0	7.8	7.9	7.9	7.6	7.8	8.5	7.6	8.1
19	8.2	7.8	8.0	8.1	7.8	7.9	8.0	7.8	7.9	8.4	7.9	8.2
20	8.2	7.3	7.8	8.0	7.8	7.9	8.0	7.7	7.9	8.4	8.1	8.3
21	8.1	6.9	7.4	8.0	7.9	8.0	8.5	7.8	8.2	8.4	8.2	8.3
22	8.2	6.9	7.7	8.0	7.9	8.0	8.4	8.1	8.3	8.4	8.1	8.2
23	8.0	6.9	7.7	8.0	7.8	7.9	8.3	8.1	8.2	8.4	8.1	8.2
24	8.0	7.4	7.7	7.9	7.9	7.9	8.4	8.1	8.3	8.5	8.3	8.4
25	7.9	7.6	7.8	7.9	7.8	7.9	8.3	8.2	8.2	8.6	8.3	8.5
26	7.9	7.3	7.7	7.9	7.7	7.9	8.3	8.0	8.2	8.4	8.2	8.3
27	7.7	7.5	7.6	7.8	7.7	7.8	8.3	8.2	8.3	8.4	8.1	8.3
28	7.7	7.5	7.6	7.9	7.6	7.7	8.3	8.0	8.2	8.4	8.3	8.3
29	7.7	7.4	7.6	7.9	7.6	7.8	8.2	8.0	8.1	8.4	8.3	8.4
30	7.7	7.4	7.5	7.9	7.6	7.8	8.2	8.1	8.2	8.4	8.1	8.3
31	7.6	7.5	7.5	---	---	---	8.2	8.0	8.1	8.3	8.2	8.3
MONTH	8.8	6.8	7.7	8.1	7.3	7.7	8.5	7.6	7.9	8.6	7.6	8.1

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.3	8.2	8.3	8.1	7.6	7.9	7.7	7.1	7.4	8.2	7.6	7.9
2	8.4	8.3	8.3	8.1	7.6	7.9	7.6	7.1	7.3	8.4	7.5	8.0
3	8.4	8.2	8.3	8.1	7.0	7.6	7.6	7.2	7.3	8.3	7.2	8.0
4	8.3	7.9	8.2	7.9	7.0	7.5	8.2	7.1	7.6	8.2	7.1	7.9
5	8.3	8.2	8.3	7.9	7.3	7.6	8.0	7.3	7.6	8.3	7.6	7.9
6	8.3	8.2	8.3	7.5	7.3	7.4	7.5	7.1	7.3	8.1	7.2	7.7
7	8.3	8.2	8.3	7.7	7.5	7.6	7.3	6.9	7.0	7.5	7.3	7.4
8	8.3	8.1	8.3	8.0	7.5	7.7	7.2	6.8	7.0	7.7	7.1	7.4
9	8.3	8.1	8.3	8.1	7.8	7.9	7.1	6.8	6.9	7.9	6.9	7.5
10	8.3	8.2	8.2	8.3	7.9	8.0	7.3	6.8	7.0	8.1	7.0	7.6
11	8.2	8.2	8.2	8.3	7.9	8.1	7.5	7.0	7.2	8.1	6.9	7.6
12	8.2	8.1	8.2	8.3	7.3	7.9	7.4	7.1	7.2	7.8	7.1	7.5
13	8.2	8.0	8.2	8.1	7.5	8.0	7.8	7.2	7.3	7.8	7.1	7.4
14	8.2	8.1	8.2	8.2	7.9	8.0	8.6	7.3	7.8	7.8	7.1	7.5
15	8.2	8.0	8.1	8.2	7.8	8.0	8.1	7.4	7.6	7.6	7.0	7.4
16	8.1	8.0	8.1	8.1	7.8	8.0	7.7	7.1	7.4	7.9	6.9	7.4
17	8.1	8.0	8.1	8.4	7.9	8.2	7.6	7.3	7.4	7.5	7.1	7.3
18	8.2	8.0	8.1	8.4	8.2	8.3	7.4	7.2	7.3	7.8	7.1	7.4
19	8.1	8.0	8.1	8.4	8.1	8.3	8.5	7.3	7.8	7.9	7.2	7.5
20	8.1	8.0	8.1	8.2	7.8	8.1	8.5	7.8	8.1	7.5	7.0	7.3
21	8.1	8.0	8.1	8.1	7.8	7.9	8.5	7.8	8.2	7.3	7.0	7.1
22	8.0	7.8	7.9	8.1	7.9	8.0	8.5	7.7	8.0	7.3	7.1	7.2
23	7.9	7.7	7.8	8.4	7.9	8.1	8.6	7.8	8.2	7.4	7.1	7.2
24	8.0	7.7	7.8	8.4	8.0	8.3	8.2	7.4	7.9	7.9	7.0	7.2
25	7.9	7.7	7.8	8.4	8.2	8.3	8.1	7.5	7.8	7.8	7.0	7.4
26	7.9	7.8	7.8	8.6	8.1	8.4	8.1	7.6	7.8	7.4	7.0	7.2
27	8.0	7.4	7.9	8.9	8.3	8.6	8.3	7.8	8.1	7.5	7.1	7.3
28	8.0	7.8	7.9	8.8	7.9	8.6	8.3	7.8	8.1	7.5	7.2	7.4
29	---	---	---	8.5	8.1	8.3	8.1	7.6	7.9	8.2	7.3	7.7
30	---	---	---	8.2	7.7	8.0	8.2	7.5	7.9	8.3	7.0	7.9
31	---	---	---	7.8	7.2	7.5	---	---	---	8.0	7.0	7.5
MONTH	8.4	7.4	8.1	8.9	7.0	8.0	8.6	6.8	7.6	8.4	6.9	7.5

PAMLICO RIVER BASIN

0208453300 PAMLICO RIVER AT LIGHT 5--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.8	7.2	7.4	8.1	6.7	7.3	8.7	7.6	8.3	7.5	7.3	7.4
2	8.0	7.1	7.5	7.6	7.0	7.3	8.5	8.2	8.4	8.0	7.3	7.6
3	8.4	7.7	8.0	7.7	7.3	7.5	8.7	8.2	8.4	8.1	7.6	7.9
4	8.3	7.1	7.8	7.9	7.3	7.6	9.2	8.2	8.6	8.1	7.6	7.8
5	8.3	6.7	7.6	8.1	7.2	7.6	8.9	7.4	8.3	8.1	7.6	7.9
6	8.0	7.1	7.5	8.2	7.3	8.0	8.7	6.8	8.0	8.2	7.8	8.0
7	8.0	7.3	7.7	8.3	7.5	7.8	8.6	6.9	8.0	8.2	7.8	7.9
8	8.2	7.5	7.8	7.8	7.4	7.6	8.7	6.8	7.6	8.1	7.7	7.9
9	8.4	7.4	7.9	8.5	7.3	7.8	8.4	7.0	7.8	8.1	7.7	7.8
10	8.9	7.2	7.9	8.1	7.4	7.8	8.4	7.0	7.8	8.0	7.6	7.7
11	8.7	7.3	8.4	8.3	7.3	7.9	8.5	7.0	7.8	8.0	7.6	7.8
12	8.8	7.2	8.4	8.2	6.7	7.6	8.3	7.0	7.8	8.1	7.7	7.9
13	8.6	7.2	7.8	7.8	7.1	7.5	8.1	7.4	7.8	8.2	7.8	8.0
14	7.8	7.4	7.6	8.0	7.4	7.7	8.0	7.2	7.6	8.2	7.7	8.0
15	7.8	7.6	7.7	7.8	7.1	7.5	8.1	7.4	7.8	8.2	7.8	8.0
16	8.8	7.6	8.1	8.1	6.9	7.6	8.6	7.1	8.1	8.2	8.0	8.1
17	8.6	7.9	8.2	8.3	7.1	7.9	8.4	7.3	8.2	8.3	8.1	8.2
18	8.6	7.4	8.1	8.4	6.9	7.9	8.5	7.9	8.2	8.3	8.0	8.2
19	8.7	6.9	7.9	7.9	6.9	7.5	8.4	7.4	7.9	8.3	8.1	8.2
20	8.7	6.9	7.8	8.0	7.2	7.6	8.4	7.3	8.1	8.2	7.7	8.0
21	7.6	6.8	7.1	7.9	7.4	7.7	8.5	7.3	8.0	8.2	7.5	7.9
22	7.4	6.7	7.0	7.8	7.3	7.6	8.5	7.1	8.1	8.3	7.3	8.0
23	7.4	6.9	7.1	7.6	7.1	7.4	8.4	7.0	8.1	8.2	7.4	7.9
24	7.5	6.9	7.2	7.6	7.1	7.4	8.5	7.9	8.3	8.2	7.5	7.9
25	8.4	7.1	7.6	7.8	7.4	7.5	8.4	7.9	8.2	8.0	7.7	7.9
26	8.6	7.4	7.9	8.1	7.5	7.8	8.3	7.7	8.0	8.0	7.7	7.9
27	8.6	7.2	7.5	8.0	7.3	7.8	8.5	7.6	8.0	8.2	7.7	8.0
28	8.7	7.3	7.9	8.2	7.6	7.8	8.4	7.2	8.1	8.2	8.0	8.1
29	8.7	6.8	7.5	8.1	7.7	7.9	8.1	7.0	7.6	8.2	8.1	8.1
30	7.9	6.8	7.3	7.9	7.7	7.8	7.9	6.9	7.3	8.2	7.9	8.1
31	---	---	---	8.3	7.5	7.7	7.8	7.1	7.5	---	---	---
MONTH	8.9	6.7	7.7	8.5	6.7	7.7	9.2	6.8	8.0	8.3	7.3	7.9

PH, WATER, WHOLE, FIELD, STANDARD UNITS, BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

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



## PAMLICO RIVER BASIN

0208453300 PAMLICO RIVER AT LIGHT 5--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.1	7.7	7.9	7.8	7.0	7.3	7.4	7.0	7.2	7.8	6.6	7.1
2	8.1	7.6	7.7	7.6	7.1	7.3	7.3	7.1	7.2	7.5	6.5	6.9
3	8.1	7.3	7.7	7.2	7.0	7.1	7.2	7.1	7.1	7.4	6.5	6.8
4	8.0	7.4	7.8	7.5	7.0	7.2	7.2	7.0	7.1	7.0	6.6	6.8
5	8.0	7.6	7.9	7.6	7.0	7.3	7.2	6.9	7.0	6.8	6.5	6.6
6	7.9	7.5	7.7	7.5	7.3	7.4	6.9	6.9	6.9	7.5	6.6	6.8
7	8.0	7.5	7.8	7.7	7.4	7.5	7.0	6.9	6.9	7.5	7.2	7.3
8	8.0	7.8	7.8	7.6	7.3	7.5	6.9	6.8	6.8	7.5	6.9	7.2
9	8.0	7.7	7.8	7.8	7.3	7.5	6.9	6.8	6.9	7.5	6.8	7.2
10	8.0	7.6	7.8	7.4	7.3	7.4	7.0	6.8	6.9	7.3	6.7	6.8
11	8.0	7.6	7.9	7.4	7.2	7.3	7.1	6.7	6.8	7.0	6.7	6.8
12	7.9	7.6	7.9	7.7	7.2	7.3	7.0	6.7	6.8	7.3	6.7	6.8
13	7.9	7.1	7.7	7.9	7.2	7.6	6.9	6.7	6.7	7.3	6.6	6.8
14	7.9	7.3	7.5	7.9	7.3	7.7	6.8	6.7	6.7	7.2	6.6	6.7
15	8.2	7.4	7.9	7.8	7.1	7.5	6.7	6.7	6.7	7.2	6.6	6.8
16	8.2	7.9	8.0	7.9	7.3	7.7	7.1	6.7	6.8	6.9	6.6	6.8
17	8.1	7.7	8.0	8.0	7.3	7.7	7.4	6.7	7.0	7.4	6.7	7.0
18	8.2	7.7	7.8	8.2	7.4	7.9	7.4	7.1	7.3	7.2	6.6	6.7
19	8.2	7.5	7.7	8.2	7.6	7.8	7.7	7.2	7.3	7.1	6.6	6.9
20	8.1	7.3	7.5	8.0	7.6	7.9	7.8	7.2	7.4	7.2	6.7	6.9
21	8.1	7.3	7.5	7.8	7.4	7.6	8.0	6.9	7.4	7.1	6.7	6.9
22	8.0	7.2	7.6	7.9	7.4	7.7	7.7	7.2	7.4	7.3	6.8	7.1
23	7.8	7.2	7.4	8.0	7.5	7.6	8.0	6.8	7.3	7.6	7.1	7.3
24	8.0	7.1	7.5	8.2	7.4	7.5	7.7	6.7	7.0	7.3	7.1	7.2
25	7.9	7.3	7.7	8.2	7.1	7.6	8.0	6.6	7.3	7.4	7.0	7.1
26	8.0	7.2	7.8	8.3	7.1	7.6	7.9	6.7	7.4	7.3	7.1	7.2
27	7.9	7.2	7.4	8.1	7.0	7.2	7.8	6.7	6.8	7.5	7.2	7.3
28	8.0	7.1	7.5	8.1	7.0	7.3	8.2	6.6	7.1	7.7	7.2	7.4
29	---	---	---	8.4	6.9	7.1	7.7	6.6	6.9	7.4	7.1	7.2
30	---	---	---	8.0	7.2	7.6	7.5	6.6	7.2	7.9	6.6	7.1
31	---	---	---	7.5	7.1	7.2	---	---	---	7.5	6.9	7.1
MONTH	8.2	7.1	7.7	8.4	6.9	7.5	8.2	6.6	7.0	7.9	6.5	7.0
DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.5	7.1	7.3	7.2	6.8	6.9	8.4	7.0	7.1	7.1	7.0	7.1
2	7.5	7.0	7.2	7.3	6.9	7.0	8.3	6.9	7.2	7.1	7.1	7.1
3	8.2	6.8	7.0	7.6	6.9	7.1	7.2	6.9	6.9	7.1	6.9	7.0
4	6.9	6.8	6.8	7.7	6.9	7.1	7.1	6.8	6.9	7.7	6.9	7.1
5	7.4	6.8	7.0	7.8	6.9	7.2	7.1	6.8	6.9	7.1	7.0	7.0
6	7.4	6.7	7.0	8.0	6.9	7.1	6.9	6.7	6.8	7.7	7.0	7.1
7	6.8	6.7	6.7	7.8	6.9	7.3	6.8	6.8	6.8	8.0	7.0	7.4
8	7.2	6.7	6.8	7.8	6.9	7.2	6.8	6.7	6.7	7.9	7.1	7.5
9	6.8	6.7	6.8	7.6	6.6	7.1	7.3	6.7	6.9	8.0	7.7	7.9
10	6.9	6.7	6.8	7.5	6.8	7.0	7.1	7.0	7.1	7.9	7.5	7.6
11	6.9	6.8	6.9	7.7	6.7	6.9	7.0	7.0	7.0	8.0	7.4	7.7
12	7.0	6.8	6.9	7.8	6.8	6.9	7.1	7.0	7.0	7.9	7.1	7.6
13	7.1	6.8	6.9	7.7	6.8	7.3	7.1	6.9	7.0	7.9	7.1	7.7
14	7.4	6.7	7.1	7.9	6.8	7.5	7.0	7.0	7.0	8.0	7.5	7.7
15	7.5	7.2	7.3	7.2	6.8	6.9	7.0	6.9	7.0	8.0	7.6	7.8
16	7.9	7.1	7.4	7.0	6.8	6.9	7.1	6.9	7.0	8.0	7.8	7.9
17	7.8	6.8	7.2	7.0	6.9	6.9	7.1	7.0	7.1	8.0	7.8	7.9
18	7.2	6.7	6.8	6.9	6.8	6.9	7.1	7.0	7.1	7.9	7.7	7.8
19	6.9	6.7	6.7	7.0	6.9	6.9	7.1	7.0	7.1	7.9	7.5	7.7
20	6.7	6.6	6.7	7.1	6.8	7.0	7.1	7.1	7.1	7.9	7.5	7.7
21	6.6	6.6	6.6	7.6	6.8	7.0	7.1	7.0	7.1	7.8	7.5	7.6
22	6.6	6.5	6.5	7.7	6.8	7.0	7.1	7.0	7.1	7.9	7.4	7.5
23	6.6	6.4	6.5	7.2	6.8	6.9	7.1	6.9	7.0	7.7	7.3	7.5
24	6.6	6.4	6.5	7.5	6.8	7.0	7.1	7.0	7.1	7.7	7.2	7.4
25	6.6	6.3	6.5	7.6	6.7	7.2	7.2	7.1	7.1	7.7	7.2	7.3
26	6.7	6.2	6.4	7.5	6.6	7.0	7.2	7.1	7.2	7.4	7.3	7.4
27	7.5	6.2	6.5	7.8	7.0	7.1	7.2	7.2	7.2	7.4	7.2	7.3
28	6.9	6.3	6.6	7.8	7.0	7.2	7.2	7.2	7.2	7.9	7.1	7.2
29	7.0	6.8	6.8	7.9	6.9	7.2	7.2	7.2	7.2	7.2	7.2	7.2
30	6.9	6.8	6.8	8.0	7.0	7.4	7.2	6.9	7.0	8.2	7.2	7.5
31	---	---	---	7.2	7.0	7.1	7.1	6.9	7.0	---	---	---
MONTH	8.2	6.2	6.8	8.0	6.6	7.1	8.4	6.7	7.0	8.2	6.9	7.5

## PAMLICO RIVER BASIN

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0208453300 PAMLICO RIVER AT LIGHT 5--Continued

TEMPERATURE, WATER (DEG. C), TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	21.1	20.5	20.8	16.3	15.4	16.0	9.5	8.6	9.2	2.8	2.3	2.7
2	21.7	20.3	20.7	16.0	15.2	15.6	9.4	8.2	8.8	2.7	2.3	2.5
3	21.6	20.6	21.0	16.1	14.9	15.4	8.9	6.0	7.6	2.5	1.7	2.2
4	21.7	21.2	21.3	16.1	15.4	15.8	6.5	5.3	5.9	2.3	1.2	1.9
5	22.0	21.2	21.6	16.3	15.8	16.1	6.3	5.1	5.9	2.5	1.9	2.3
6	24.4	22.0	23.0	16.2	14.8	15.7	6.8	4.8	5.7	2.7	1.7	2.3
7	24.3	22.2	23.0	16.3	15.6	16.0	6.8	4.7	5.7	3.3	2.2	2.7
8	22.4	18.8	20.7	16.4	15.8	16.2	6.8	5.7	6.3	3.6	3.0	3.2
9	19.4	17.1	18.0	17.2	16.1	16.5	7.0	6.0	6.5	3.9	3.3	3.6
10	18.1	16.2	17.3	17.6	16.8	17.1	6.8	6.1	6.4	3.5	2.8	3.2
11	18.3	16.7	17.5	17.0	15.8	16.4	6.8	6.4	6.6	3.9	2.8	3.4
12	18.1	16.5	17.5	16.0	15.3	15.7	7.9	6.6	7.4	4.5	3.6	4.0
13	18.9	16.6	17.7	15.8	14.4	15.2	7.4	6.7	7.1	5.0	3.9	4.4
14	18.8	17.5	18.0	15.4	14.3	15.1	9.0	7.1	8.0	4.8	4.4	4.6
15	18.6	17.8	18.3	14.5	13.6	14.2	8.9	8.5	8.7	7.1	4.6	5.5
16	18.8	18.4	18.5	14.4	13.0	13.8	8.8	8.5	8.7	7.8	4.6	6.4
17	19.7	18.5	19.0	13.8	13.0	13.3	10.3	8.7	9.6	7.2	4.8	6.1
18	20.0	19.3	19.8	13.2	12.5	12.8	9.8	8.6	9.1	7.9	5.1	6.5
19	20.2	19.1	19.6	12.6	11.4	12.0	9.1	8.4	8.6	8.1	5.1	6.5
20	19.8	18.8	19.2	11.6	10.7	11.2	8.5	6.8	7.7	9.8	6.9	8.8
21	19.3	18.8	19.0	11.3	9.5	10.3	7.6	6.4	7.0	9.2	7.5	8.1
22	20.3	18.9	19.5	9.6	8.6	9.0	7.2	6.3	6.8	8.0	6.5	7.5
23	19.5	18.5	19.0	9.1	7.8	8.4	6.3	5.3	5.7	7.3	6.6	6.9
24	19.5	17.9	18.5	8.3	7.8	8.0	6.3	3.8	4.9	7.4	5.9	6.5
25	19.2	18.0	18.5	8.5	7.9	8.2	4.8	3.2	4.3	7.1	5.8	6.5
26	18.8	18.0	18.4	9.4	8.5	9.0	4.4	2.3	3.3	6.0	4.9	5.5
27	18.6	18.1	18.3	10.0	8.8	9.3	4.1	2.9	3.5	6.1	5.1	5.6
28	19.0	18.1	18.5	9.9	8.9	9.5	4.6	3.1	3.7	7.1	5.2	5.6
29	18.5	17.6	18.0	9.9	9.3	9.6	4.0	2.6	3.4	7.0	5.4	6.0
30	17.7	16.5	17.0	9.7	9.0	9.5	4.0	3.1	3.6	8.1	5.8	7.0
31	17.0	16.2	16.4	---	---	---	3.7	2.5	3.0	9.2	7.7	8.3
MONTH	24.4	16.2	19.1	17.6	7.8	13.0	10.3	2.3	6.4	9.8	1.2	5.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	9.0	8.4	8.6	12.1	10.7	11.6	14.6	12.5	13.4	21.0	17.7	18.9
2	9.2	8.5	8.8	12.0	11.2	11.5	13.3	12.2	12.8	21.0	19.2	19.8
3	8.6	7.8	8.2	12.4	11.5	11.8	13.2	12.7	12.9	22.2	20.1	20.9
4	8.1	7.2	7.7	11.7	11.3	11.5	13.9	12.6	13.2	23.1	21.0	21.9
5	8.2	7.7	7.9	11.9	10.9	11.6	14.2	11.9	13.0	24.1	21.8	22.8
6	8.9	7.5	8.2	10.9	8.0	9.3	15.1	13.0	14.0	23.9	20.1	22.1
7	9.1	7.9	8.3	8.5	7.7	8.2	17.7	14.7	15.4	20.5	19.7	20.1
8	9.3	7.9	8.6	9.1	7.5	8.3	18.6	15.1	17.2	21.5	19.6	20.1
9	10.5	8.5	9.6	9.8	8.1	8.8	19.5	14.1	17.7	21.6	19.7	20.3
10	11.3	10.1	10.8	9.7	8.2	8.8	20.9	13.8	17.9	21.8	20.0	20.7
11	10.9	9.6	10.2	10.4	8.9	9.5	20.1	17.6	18.6	22.6	20.2	21.4
12	9.6	9.1	9.3	10.5	9.1	9.7	20.4	18.5	19.3	23.6	21.3	22.4
13	9.3	9.1	9.2	12.8	9.6	11.7	21.2	19.7	20.3	23.3	21.5	22.4
14	10.1	9.1	9.4	13.3	11.9	12.4	22.0	20.1	20.7	22.6	21.5	22.2
15	11.3	9.9	10.6	12.9	12.3	12.6	21.0	19.7	20.2	22.0	21.1	21.6
16	13.0	10.7	11.8	13.3	12.3	12.7	19.8	18.5	19.2	22.0	20.9	21.2
17	12.5	11.8	12.2	14.5	12.9	13.6	18.8	16.0	17.6	21.1	20.1	20.6
18	11.8	10.3	10.9	14.0	12.8	13.6	16.0	13.3	15.0	21.4	19.9	20.5
19	10.6	9.9	10.2	13.2	12.2	12.7	16.3	14.1	14.9	23.2	20.8	21.9
20	10.8	9.8	10.3	12.5	11.0	11.9	15.8	14.4	15.1	23.4	21.8	22.6
21	12.6	10.8	11.6	12.9	11.3	11.9	16.9	15.2	15.9	23.2	22.5	22.8
22	11.9	9.8	10.4	12.5	11.8	12.0	18.7	16.1	16.9	24.3	22.9	23.5
23	10.1	9.0	9.6	12.9	11.7	12.2	20.3	17.6	18.5	24.1	23.7	23.8
24	10.1	9.2	9.8	13.5	12.2	12.8	20.1	18.3	19.1	25.3	22.8	23.3
25	11.2	9.6	10.2	13.3	12.1	12.7	20.0	18.0	19.0	24.7	23.4	24.2
26	12.6	11.0	11.6	12.1	11.4	11.8	18.0	16.9	17.3	24.6	23.8	24.2
27	12.6	11.1	11.8	11.7	10.5	11.2	19.2	16.4	17.3	25.0	23.7	24.3
28	12.3	11.6	11.9	12.3	10.4	11.1	18.5	16.7	17.8	24.5	23.9	24.2
29	---	---	---	11.8	10.9	11.3	18.4	17.2	17.8	24.6	23.4	23.9
30	---	---	---	13.7	11.8	12.7	20.0	17.2	18.0	24.9	23.5	24.1
31	---	---	---	14.9	13.4	14.1	---	---	---	24.3	23.1	23.7
MONTH	13.0	7.2	9.9	14.9	7.5	11.5	22.0	11.9	16.9	25.3	17.7	22.1

## PAMLICO RIVER BASIN

0208453300 PAMLICO RIVER AT LIGHT 5--Continued

TEMPERATURE, WATER (DEG. C), TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.9	23.1	23.6	29.4	27.4	28.7	26.6	24.6	25.7	27.4	26.7	27.0
2	25.2	23.3	24.2	28.5	26.9	27.8	26.7	25.1	25.8	27.5	26.3	26.8
3	25.6	24.0	24.8	27.1	26.1	26.6	26.8	25.2	25.8	27.2	26.1	26.7
4	26.2	24.4	25.0	27.6	26.4	26.9	27.6	26.3	27.0	27.0	26.3	26.6
5	28.0	24.1	25.8	27.8	26.4	27.1	28.8	26.1	27.1	27.8	26.0	26.8
6	27.7	25.7	26.7	27.6	26.8	27.3	29.7	26.6	27.9	27.7	26.3	27.0
7	27.5	26.7	27.1	27.2	25.9	26.5	29.3	27.1	28.5	27.9	25.8	26.5
8	27.4	26.5	26.9	26.6	25.9	26.2	29.7	27.3	28.6	27.3	26.2	26.7
9	26.9	26.1	26.4	28.2	25.8	26.6	31.2	27.6	29.3	27.4	26.6	26.9
10	27.7	25.7	26.3	28.5	26.7	27.5	31.5	27.9	30.2	27.8	26.5	26.9
11	28.4	26.2	27.4	29.8	27.3	28.5	31.0	28.2	29.8	27.5	26.9	27.1
12	28.4	24.8	27.3	29.1	27.0	28.1	30.0	28.4	29.3	27.6	26.4	26.8
13	27.9	26.4	27.4	28.0	26.9	27.4	30.0	28.7	29.2	26.9	25.8	26.3
14	27.3	26.2	26.5	27.5	26.3	27.0	28.8	27.8	28.3	26.7	25.7	26.1
15	26.2	25.5	25.9	27.2	26.2	26.7	28.7	27.4	28.0	25.7	24.0	24.8
16	27.1	25.3	26.0	27.3	26.5	26.9	29.1	27.5	28.2	24.0	23.0	23.4
17	26.5	26.0	26.2	28.3	26.3	27.1	31.0	27.9	28.7	23.6	22.0	22.7
18	27.4	25.5	26.1	28.1	26.4	27.4	29.5	28.3	28.9	23.6	22.9	23.3
19	27.3	26.1	26.8	27.2	26.4	26.9	29.4	27.7	28.5	23.9	23.0	23.4
20	27.5	26.5	27.1	27.3	25.8	26.5	28.9	27.8	28.4	23.7	23.1	23.5
21	28.0	26.2	26.9	26.9	25.6	26.3	28.7	26.9	27.5	24.2	23.4	23.6
22	28.1	26.4	27.0	26.6	25.6	26.2	28.5	27.3	27.9	25.3	23.4	24.3
23	27.6	26.3	26.9	26.7	26.2	26.5	28.8	27.7	28.1	25.6	24.0	24.9
24	27.2	26.1	26.7	27.6	26.2	26.9	28.6	27.5	27.8	25.8	24.4	25.2
25	28.1	25.9	26.7	28.5	27.1	27.7	28.2	26.6	27.3	25.2	24.3	24.8
26	28.3	26.6	27.3	28.2	27.5	27.9	28.0	25.8	26.6	24.3	22.6	23.3
27	28.9	27.0	27.4	27.5	26.2	26.9	28.0	26.5	27.0	23.2	21.8	22.6
28	30.1	27.6	28.7	26.7	25.6	26.0	28.3	26.8	27.6	23.0	22.1	22.5
29	30.8	28.2	29.0	26.3	25.8	26.0	28.1	27.3	27.5	22.2	20.1	21.2
30	29.9	27.9	28.9	26.0	25.4	25.6	27.4	26.5	27.2	20.6	19.2	19.8
31	---	---	---	25.8	24.5	25.1	28.0	26.5	27.2	---	---	---
MONTH	30.8	23.1	26.6	29.8	24.5	26.9	31.5	24.6	27.9	27.9	19.2	24.9

TEMPERATURE, WATER (DEG. C), BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.8	20.7	21.9	16.7	15.8	16.3	9.7	9.3	9.5	2.8	2.4	2.7
2	22.8	20.5	22.0	16.4	15.4	15.9	9.7	8.7	9.3	2.8	2.2	2.5
3	21.7	21.3	21.5	16.5	16.0	16.3	8.9	6.1	7.6	2.9	2.2	2.6
4	21.6	21.3	21.4	16.4	16.0	16.2	6.9	6.0	6.5	2.9	2.0	2.5
5	21.6	21.4	21.5	16.3	15.9	16.2	7.1	6.4	6.8	3.1	2.4	2.7
6	21.7	21.5	21.6	16.3	16.1	16.2	7.0	6.6	6.9	3.5	2.6	3.3
7	21.6	21.5	21.5	16.3	16.2	16.2	6.9	6.5	6.8	3.6	3.4	3.5
8	21.6	21.5	21.6	16.3	16.2	16.3	6.9	6.2	6.7	3.9	3.0	3.5
9	21.6	19.2	21.0	17.1	16.3	16.4	7.0	6.2	6.7	4.0	3.4	3.6
10	20.9	17.7	19.1	17.5	16.3	17.0	6.8	6.2	6.5	3.6	3.0	3.2
11	19.4	16.7	18.0	17.0	16.3	16.5	7.1	6.6	6.9	3.5	3.0	3.3
12	18.6	16.9	18.1	16.4	15.7	16.0	7.8	6.9	7.4	4.4	3.1	3.4
13	18.8	18.4	18.7	15.8	15.6	15.8	7.6	6.7	7.2	4.6	3.6	4.0
14	18.8	18.2	18.5	15.9	14.9	15.6	9.1	7.1	7.8	4.5	4.2	4.4
15	18.5	18.0	18.1	15.3	14.3	14.7	8.9	7.9	8.6	4.6	4.4	4.5
16	18.1	18.0	18.1	14.9	14.3	14.8	8.7	8.1	8.4	5.4	4.4	4.7
17	18.4	18.1	18.2	14.9	13.2	14.3	10.3	8.0	9.3	5.2	4.7	4.9
18	18.6	18.2	18.3	13.8	12.6	13.1	9.8	8.3	8.9	5.7	4.9	5.1
19	18.4	18.2	18.3	13.9	11.7	12.7	9.1	8.4	8.9	7.1	4.9	5.6
20	18.4	18.2	18.3	12.6	11.0	11.6	8.5	6.9	7.9	9.4	6.8	8.3
21	18.5	18.3	18.4	11.3	9.6	10.4	8.0	6.7	7.4	9.2	7.4	8.0
22	18.6	18.4	18.5	10.2	8.9	9.4	7.7	6.7	7.1	7.8	7.3	7.5
23	19.3	18.5	18.7	9.2	7.9	8.5	6.9	6.0	6.5	7.4	6.7	6.9
24	18.9	18.5	18.7	8.2	7.8	8.0	6.8	4.9	6.2	6.9	6.3	6.5
25	18.7	18.5	18.7	8.5	7.9	8.1	6.2	4.5	5.5	6.7	6.4	6.5
26	18.7	18.2	18.6	9.4	8.4	9.0	5.6	4.2	5.0	6.5	6.0	6.2
27	18.8	18.1	18.5	9.8	8.9	9.2	5.4	4.0	5.1	6.3	5.4	6.0
28	18.7	18.2	18.6	9.8	9.0	9.4	5.5	4.3	4.7	6.2	5.6	6.0
29	18.6	17.8	18.1	9.8	9.5	9.6	4.6	3.6	4.1	6.1	5.8	6.1
30	18.1	16.9	17.3	9.7	9.3	9.5	4.3	3.7	4.1	8.0	5.8	6.8
31	17.6	16.3	16.6	---	---	---	3.7	2.8	3.2	9.0	7.5	8.0
MONTH	22.8	16.3	19.2	17.5	7.8	13.3	10.3	2.8	6.9	9.4	2.0	4.9

PAMLICO RIVER BASIN

0208453300 PAMLICO RIVER AT LIGHT 5--Continued

TEMPERATURE, WATER (DEG. C), BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	8.8	8.0	8.3	11.9	11.0	11.4	13.1	12.0	12.2	18.7	17.4	17.9
2	8.8	8.0	8.2	11.7	11.3	11.4	12.8	12.2	12.4	19.3	17.5	18.2
3	8.6	7.9	8.3	11.5	11.3	11.4	12.5	12.3	12.4	19.9	18.0	18.8
4	8.4	7.4	8.0	11.6	11.4	11.5	12.4	12.3	12.4	20.4	18.4	19.4
5	8.1	7.7	7.9	11.7	11.0	11.5	13.0	12.4	12.5	20.4	18.7	19.4
6	8.2	7.9	8.0	11.1	8.1	9.4	12.8	12.6	12.7	21.7	18.7	19.7
7	8.7	7.9	8.2	8.7	8.1	8.4	12.9	12.6	12.7	20.5	19.6	20.0
8	9.1	8.1	8.4	8.6	8.3	8.4	13.2	12.8	12.9	20.4	19.4	19.7
9	10.1	8.3	8.9	9.1	8.3	8.6	13.0	12.8	12.9	20.3	19.6	19.8
10	11.2	8.7	10.0	8.9	8.7	8.8	16.8	12.9	13.2	20.5	19.7	19.9
11	10.9	9.7	10.2	8.9	8.8	8.9	18.4	13.4	15.5	21.2	19.9	20.0
12	9.7	9.1	9.3	10.1	8.9	9.1	18.8	14.4	15.6	22.4	20.0	20.6
13	9.3	9.0	9.2	13.2	9.1	11.2	18.5	14.4	15.2	23.0	20.2	21.0
14	9.6	9.1	9.2	12.7	10.5	11.9	16.2	14.8	15.0	22.1	20.2	20.8
15	10.8	9.0	9.5	12.7	11.2	12.0	16.8	15.3	15.8	21.9	20.8	21.4
16	11.9	9.1	9.4	13.2	11.8	12.5	18.6	15.3	16.2	21.5	21.1	21.4
17	12.3	9.2	10.7	13.4	12.6	12.9	18.2	15.8	17.0	21.3	20.1	20.7
18	10.8	9.7	9.9	13.8	12.7	13.3	16.0	13.4	15.0	21.0	20.0	20.6
19	10.4	9.7	10.0	13.3	12.3	13.0	15.5	14.2	14.8	21.3	20.7	20.9
20	10.4	9.9	10.2	12.8	11.0	11.9	15.5	14.6	14.9	22.7	20.7	21.7
21	10.6	10.0	10.2	12.2	11.2	11.6	16.2	15.1	15.5	23.0	21.5	22.2
22	10.6	9.8	10.2	12.4	11.7	12.0	17.2	16.1	16.4	24.1	22.2	23.3
23	10.3	9.4	10.1	12.6	11.9	12.1	17.5	15.8	16.7	24.1	23.6	23.8
24	10.2	9.5	9.9	13.2	11.9	12.2	19.4	15.9	16.9	23.9	23.3	23.6
25	11.2	9.5	10.0	13.2	12.3	12.5	19.8	16.1	18.0	24.3	23.3	23.6
26	11.7	10.5	11.3	12.5	11.5	12.0	17.8	16.4	17.2	24.5	23.5	24.0
27	12.0	10.7	11.1	12.2	11.4	11.9	17.0	16.3	16.6	24.8	23.7	24.3
28	12.0	10.9	11.4	11.9	11.4	11.7	17.8	16.5	16.9	24.7	23.9	24.3
29	---	---	---	12.0	10.9	11.8	17.9	16.8	17.3	24.2	23.6	23.9
30	---	---	---	12.6	11.6	12.0	17.9	17.1	17.4	24.6	23.5	23.8
31	---	---	---	12.1	12.0	12.0	---	---	---	24.0	23.3	23.7
MONTH	12.3	7.4	9.5	13.8	8.1	11.3	19.8	12.0	15.0	24.8	17.4	21.4

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	23.9	23.1	23.5	26.9	26.4	26.7	26.0	25.5	25.7	27.0	26.7	26.8
2	24.5	23.4	23.7	27.7	26.8	27.1	26.2	25.6	25.8	26.9	26.7	26.8
3	24.7	23.6	23.8	27.4	26.3	27.0	26.1	25.7	25.7	26.9	26.7	26.8
4	24.4	23.6	23.7	27.3	26.6	26.8	26.0	25.7	25.7	26.8	26.3	26.6
5	25.5	23.8	24.4	27.3	26.4	26.8	26.1	25.7	25.8	26.7	26.5	26.6
6	26.7	24.1	25.3	27.2	26.8	27.0	26.1	25.8	25.9	26.9	26.6	26.7
7	24.9	24.2	24.4	27.2	26.0	26.6	26.4	25.8	26.1	26.9	26.4	26.5
8	26.4	24.6	25.0	26.7	26.0	26.4	26.8	26.1	26.3	27.1	26.1	26.5
9	25.4	24.5	24.8	26.6	25.9	26.4	26.8	26.3	26.6	27.3	26.7	26.9
10	25.1	24.5	24.7	27.7	26.2	26.5	27.0	26.4	26.6	27.3	26.8	27.0
11	25.0	24.5	24.7	27.8	26.4	26.6	26.8	26.5	26.6	27.6	26.7	27.1
12	25.1	24.5	24.6	28.7	26.5	27.2	26.8	26.5	26.6	27.4	26.5	26.8
13	27.1	24.7	25.2	27.7	27.0	27.3	27.4	26.6	26.7	27.0	25.8	26.3
14	26.9	25.4	26.2	27.6	26.3	26.9	27.0	26.7	26.9	26.7	25.7	26.1
15	26.1	25.5	25.8	29.6	26.4	26.7	27.0	26.9	27.0	25.7	24.0	24.7
16	26.4	25.3	25.6	26.5	26.4	26.4	27.4	26.9	27.0	24.0	22.9	23.4
17	26.3	25.5	25.9	26.5	26.4	26.4	27.4	26.9	27.0	23.0	22.4	22.6
18	26.2	25.5	25.6	26.5	26.4	26.4	27.3	27.0	27.1	23.0	22.7	22.8
19	25.9	25.5	25.6	26.6	26.3	26.4	27.8	27.1	27.2	23.5	22.8	22.9
20	26.0	25.6	25.7	26.5	26.1	26.3	27.2	27.1	27.2	23.5	23.1	23.3
21	25.9	25.6	25.7	26.7	25.9	26.2	27.6	27.2	27.3	23.5	23.3	23.4
22	26.2	25.6	25.7	26.5	26.1	26.2	27.4	27.2	27.2	23.7	23.3	23.4
23	26.2	25.6	25.7	26.4	26.0	26.2	27.4	27.2	27.3	23.8	23.3	23.5
24	26.0	25.6	25.8	27.4	26.1	26.5	27.3	27.2	27.3	24.8	23.5	23.7
25	26.0	25.7	25.7	28.2	26.4	27.1	27.3	27.2	27.3	24.6	23.6	23.8
26	27.3	25.7	25.9	27.9	26.3	26.8	27.3	27.2	27.2	23.6	23.5	23.6
27	27.6	25.6	26.5	27.3	26.3	26.5	27.2	27.1	27.2	23.6	23.5	23.6
28	26.3	25.7	25.9	26.4	25.7	26.2	27.2	27.0	27.2	23.6	22.4	23.4
29	26.4	25.8	26.1	26.2	25.9	26.1	27.2	27.0	27.1	23.4	23.1	23.3
30	26.7	26.3	26.5	26.0	25.4	25.9	27.2	27.0	27.1	23.4	19.8	22.0
31	---	---	---	26.0	25.8	25.9	27.2	26.8	27.0	---	---	---
MONTH	27.6	23.1	25.3	29.6	25.4	26.6	27.8	25.5	26.7	27.6	19.8	24.9

PAMLICO RIVER BASIN

0208453300 PAMLICO RIVER AT LIGHT 5--Continued

OXYGEN DISSOLVED (MG/L), TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	9.5	7.9	8.4	8.1	7.3	7.8	11.4	10.6	11.0	---	---	---
2	10.3	7.5	8.7	8.4	7.4	7.9	11.6	10.4	11.1	---	---	---
3	10.3	3.0	8.2	8.8	7.3	8.2	11.3	10.2	10.7	---	---	---
4	9.3	3.5	7.4	8.9	6.8	8.2	12.4	10.9	11.6	---	---	---
5	8.8	1.5	4.7	8.8	6.9	8.1	12.1	11.2	11.6	---	---	---
6	11.3	2.9	8.2	8.8	6.5	7.8	12.6	10.4	11.7	---	---	---
7	10.5	4.2	7.7	8.3	5.8	7.1	12.6	10.3	11.8	---	---	---
8	10.5	5.7	7.3	8.0	5.7	6.9	12.5	11.1	11.9	---	---	---
9	8.1	5.8	6.9	8.1	6.1	7.0	12.2	11.3	11.8	---	---	---
10	8.3	5.8	7.3	7.8	6.6	7.3	12.2	11.2	11.6	---	---	---
11	9.4	5.8	7.5	8.5	7.1	7.6	12.1	11.2	11.5	---	---	---
12	9.8	7.9	9.0	8.0	7.0	7.5	11.8	10.8	11.4	---	---	---
13	11.4	8.9	9.8	8.4	6.8	7.8	11.7	11.0	11.3	---	---	---
14	10.8	4.8	8.7	8.8	7.2	7.9	11.5	10.4	11.2	---	---	---
15	11.2	1.3	8.6	8.8	7.7	8.2	11.3	10.8	11.1	---	---	---
16	7.0	1.1	2.9	8.7	7.6	8.2	11.7	10.9	11.3	---	---	---
17	7.6	1.1	4.1	9.9	8.5	9.0	11.2	9.8	10.3	---	---	---
18	7.7	4.1	6.9	9.5	8.5	9.1	10.8	9.6	10.3	---	---	---
19	9.6	6.9	8.0	9.5	8.8	9.3	11.5	10.5	11.0	13.7	11.5	12.5
20	9.0	5.5	7.6	9.8	9.2	9.5	11.2	10.1	10.8	11.9	11.0	11.6
21	9.0	1.6	5.9	10.0	9.1	9.7	---	---	---	11.6	10.1	11.2
22	9.9	1.2	7.2	10.2	9.5	9.9	---	---	---	11.9	10.6	11.3
23	8.7	2.6	7.6	10.3	9.4	10.0	---	---	---	11.6	10.6	11.0
24	9.4	7.1	8.3	10.3	10.0	10.1	---	---	---	12.0	11.4	11.7
25	9.3	8.3	8.7	10.2	9.7	10.0	---	---	---	12.4	11.6	12.0
26	9.0	5.8	8.2	10.1	9.5	9.9	---	---	---	12.2	11.1	11.5
27	8.6	7.9	8.3	10.0	9.2	9.7	---	---	---	12.0	11.0	11.7
28	8.6	7.7	8.1	11.9	9.3	10.4	---	---	---	12.0	11.3	11.6
29	8.7	7.4	8.0	11.9	10.5	11.3	---	---	---	12.2	11.4	11.9
30	8.7	7.1	7.9	11.4	10.4	11.1	---	---	---	11.8	10.5	11.3
31	8.7	7.4	7.9	---	---	---	---	---	---	11.1	10.4	10.9
MONTH	11.4	1.1	7.5	11.9	5.7	8.8	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	10.9	10.1	10.7	10.0	7.9	9.2	9.9	6.2	8.3	8.8	6.9	7.8
2	11.3	10.5	10.9	10.1	7.8	9.4	9.2	7.8	8.6	9.2	6.0	7.5
3	11.0	10.5	10.8	10.1	4.7	8.0	9.3	8.2	8.6	9.7	6.7	8.3
4	10.9	9.2	10.5	9.3	4.6	7.7	10.4	7.7	9.0	9.0	5.9	8.4
5	10.7	10.2	10.6	9.2	6.2	8.3	10.0	7.5	9.3	9.1	6.6	8.0
6	10.8	9.6	10.5	8.8	7.7	8.2	9.4	8.0	8.8	8.7	6.8	7.9
7	10.9	9.9	10.7	9.3	8.2	8.9	8.7	7.7	8.1	8.1	6.7	7.5
8	10.9	10.0	10.6	10.1	7.7	9.1	8.6	6.5	7.8	8.7	6.1	7.5
9	10.8	9.7	10.6	10.8	9.4	10.2	8.0	2.5	6.3	9.4	4.6	7.6
10	10.5	9.7	10.0	11.5	10.1	10.7	7.7	2.3	5.5	9.1	5.5	8.0
11	10.0	9.1	9.8	11.7	10.1	10.8	7.7	5.6	6.8	9.1	4.1	7.7
12	9.9	9.1	9.7	11.4	6.6	10.0	7.6	6.3	6.8	8.1	6.1	7.5
13	9.9	9.0	9.7	10.4	7.5	9.7	8.5	6.6	7.4	8.1	5.9	7.2
14	9.9	8.5	9.6	10.5	9.2	9.8	10.3	7.5	8.5	8.2	5.7	7.5
15	10.6	8.9	10.1	10.2	9.1	9.7	8.9	7.3	8.1	7.7	5.4	6.9
16	10.5	9.9	10.3	10.0	8.8	9.5	8.0	6.1	7.4	8.5	3.4	6.8
17	10.1	9.5	9.9	11.2	9.2	10.4	7.8	6.6	7.3	7.1	5.5	6.5
18	10.1	9.4	9.8	10.7	9.7	10.3	8.2	6.8	7.5	8.2	5.6	6.9
19	10.3	9.7	10.1	10.4	9.4	10.0	10.6	7.0	8.4	8.7	6.3	7.5
20	10.4	9.9	10.2	9.9	9.1	9.6	10.0	7.7	8.7	7.5	5.1	6.6
21	10.2	9.6	10.0	10.3	8.8	9.3	9.9	8.1	9.0	6.9	5.2	5.9
22	9.8	9.1	9.5	10.0	9.1	9.7	10.0	7.7	8.6	6.6	5.7	6.1
23	9.8	9.0	9.5	10.7	9.3	10.0	9.7	7.8	8.9	6.8	4.9	5.9
24	9.9	8.4	9.5	10.7	9.1	10.3	8.7	6.9	8.1	8.1	4.5	5.9
25	9.7	9.0	9.4	10.3	9.6	9.8	8.0	6.9	7.5	7.8	3.9	6.2
26	10.1	9.1	9.6	10.8	9.3	10.1	8.6	6.9	7.5	6.3	3.9	5.3
27	10.3	6.8	9.6	11.6	9.9	10.8	8.5	7.1	7.8	6.7	4.3	5.6
28	10.0	8.6	9.3	12.8	9.4	11.2	8.3	6.7	7.7	7.0	5.2	6.0
29	---	---	---	11.6	9.9	10.7	7.8	6.5	7.2	8.1	5.6	6.7
30	---	---	---	10.8	9.8	10.3	8.8	6.1	7.3	9.1	3.5	7.9
31	---	---	---	10.3	9.2	9.9	---	---	---	8.0	3.5	6.5
MONTH	11.3	6.8	10.1	12.8	4.6	9.7	10.6	2.3	7.9	9.7	3.4	7.0

## 0208453300 PAMLICO RIVER AT LIGHT 5--Continued

## OXYGEN DISSOLVED (MG/L), TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.3	5.3	6.4	7.7	.2	5.9	9.7	7.0	8.6	5.5	3.9	4.9
2	8.6	5.1	7.1	6.2	4.2	5.3	8.5	7.0	7.8	7.1	3.1	5.6
3	10.2	7.6	8.6	6.7	5.0	5.9	9.8	7.4	8.1	7.6	5.1	6.7
4	9.6	4.7	7.8	7.4	5.2	6.5	15.8	7.2	9.6	7.6	5.3	6.3
5	9.2	1.2	7.0	7.9	4.8	6.6	12.9	4.6	8.0	7.4	5.1	6.4
6	8.0	5.3	6.7	8.4	4.4	7.4	9.1	.7	6.4	8.1	5.9	6.8
7	7.8	5.9	7.2	8.9	6.2	7.0	8.6	1.2	6.2	7.8	6.0	6.7
8	8.6	6.2	7.3	7.1	6.1	6.7	11.7	1.6	5.5	7.3	5.7	6.4
9	9.2	6.4	7.6	10.1	6.0	7.3	7.9	.4	5.6	6.9	5.7	6.2
10	11.3	4.6	7.4	8.0	6.1	7.1	7.2	.3	4.7	6.9	5.3	5.9
11	9.9	5.6	8.3	9.2	5.4	7.5	7.3	.5	4.8	6.9	5.3	6.1
12	9.5	1.5	7.6	8.5	1.2	6.2	7.2	2.0	6.0	7.6	6.0	6.6
13	8.5	3.2	6.2	6.8	4.6	5.9	7.6	5.4	6.6	8.0	5.8	6.7
14	6.6	5.2	5.9	7.7	5.6	6.4	7.4	4.1	6.1	7.8	5.4	6.5
15	7.1	5.8	6.5	6.9	4.2	6.2	7.7	5.8	6.9	7.4	5.8	6.6
16	---	---	---	7.8	2.3	6.0	9.7	2.9	7.5	7.8	6.6	7.2
17	---	---	---	8.0	3.8	6.8	8.3	4.1	7.1	8.1	7.0	7.5
18	---	---	---	8.7	1.2	7.0	8.4	6.1	7.0	8.3	6.2	7.5
19	10.5	4.7	8.0	7.2	1.2	5.6	7.6	4.1	6.0	8.2	6.2	7.3
20	9.9	4.6	7.7	8.1	4.9	6.5	7.7	4.1	6.8	7.3	5.2	6.4
21	8.7	2.4	6.4	7.7	5.7	6.8	8.7	3.9	6.8	8.3	2.7	6.2
22	8.2	3.0	6.9	7.1	5.5	6.6	8.6	3.1	7.1	9.4	2.0	6.9
23	8.4	5.6	7.3	6.6	4.2	5.9	8.7	3.2	7.2	7.9	3.5	6.5
24	8.4	3.5	7.7	6.8	5.0	6.1	8.6	6.8	8.0	7.4	3.8	6.3
25	10.2	7.3	8.3	7.7	5.8	6.8	8.2	6.7	7.5	7.1	5.1	6.4
26	10.0	8.1	8.9	7.9	6.7	7.3	8.6	6.2	7.3	7.2	6.1	6.6
27	10.5	6.9	8.3	7.2	5.4	6.7	9.1	5.6	7.2	8.8	5.6	7.1
28	10.6	7.2	8.7	9.1	6.5	7.4	8.7	3.8	7.3	8.7	7.3	7.9
29	10.1	3.7	7.5	8.4	6.8	7.6	7.4	2.0	5.8	8.5	7.6	8.0
30	8.1	1.6	6.4	8.1	7.1	7.5	6.6	.2	3.6	8.3	7.7	8.1
31	---	---	---	9.6	7.0	7.7	6.4	2.2	5.2	---	---	---
MONTH	---	---	---	10.1	.2	6.7	15.8	.2	6.7	9.4	2.0	6.7

## OXYGEN DISSOLVED (MG/L), BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.1	.4	3.2	7.6	6.9	7.3	10.9	10.2	10.5	11.2	10.8	11.0
2	6.4	.4	1.7	7.8	6.1	7.2	11.2	9.9	10.3	11.7	10.8	11.4
3	4.6	.7	2.8	7.0	5.2	5.9	11.4	10.4	10.8	11.6	10.8	11.2
4	5.2	.8	3.1	6.3	5.3	5.8	11.3	10.6	11.0	11.9	10.1	11.2
5	4.4	2.2	3.5	7.0	5.4	6.2	11.3	9.9	10.5	11.8	9.9	11.0
6	3.1	.8	1.7	6.9	5.5	6.2	10.9	9.8	10.1	11.1	9.4	9.8
7	1.6	.9	1.2	6.2	5.3	5.5	10.3	9.8	10.1	10.5	9.8	10.1
8	1.5	.9	1.0	5.5	5.2	5.3	11.5	9.8	10.2	10.5	9.8	10.0
9	5.9	.9	1.7	6.9	4.9	5.3	10.9	9.8	10.1	11.4	9.8	10.1
10	7.6	1.3	4.4	7.3	4.7	6.5	11.6	9.9	10.9	11.2	9.9	10.6
11	9.7	3.3	6.4	7.7	7.0	7.4	11.0	9.3	9.8	11.0	9.9	10.5
12	9.3	3.1	5.6	7.6	7.0	7.3	11.3	9.2	10.3	11.5	10.3	10.7
13	3.2	1.4	2.1	7.7	6.9	7.3	11.3	9.1	10.1	11.5	10.7	11.1
14	3.7	1.3	2.3	8.2	6.6	7.3	11.2	9.1	10.6	11.2	10.5	10.9
15	4.2	2.1	3.5	8.3	6.6	7.5	11.4	8.4	10.5	11.4	10.2	10.5
16	4.0	3.2	3.6	7.7	6.4	6.9	11.1	7.4	8.8	11.1	10.2	10.6
17	3.7	2.3	2.9	9.0	6.0	7.2	10.6	7.5	9.6	11.2	10.5	10.8
18	2.8	1.8	2.3	9.0	6.0	7.7	10.4	9.4	9.9	13.3	10.7	11.7
19	2.9	1.6	2.2	8.6	5.6	7.2	11.1	9.1	9.7	12.6	11.6	12.1
20	2.1	1.4	1.7	8.6	7.1	7.9	11.1	9.9	10.5	12.2	11.3	11.8
21	1.9	.8	1.3	9.2	8.2	8.7	11.4	10.0	10.7	11.8	10.7	11.3
22	1.2	.5	.8	9.0	8.4	8.7	10.9	8.9	10.2	11.3	10.3	10.6
23	6.9	.3	1.7	9.8	8.6	9.2	9.9	9.5	9.7	11.8	11.0	11.4
24	7.1	.3	2.2	9.5	9.1	9.3	10.2	9.1	9.5	11.8	10.9	11.3
25	3.9	.3	1.3	9.6	9.0	9.3	10.8	9.0	9.9	12.6	10.6	11.3
26	8.4	.6	3.2	9.3	8.8	9.0	10.6	9.5	10.0	11.5	10.8	11.1
27	8.3	.7	6.5	9.1	8.2	8.6	10.7	9.2	9.7	12.1	10.7	11.4
28	8.1	.8	5.5	11.1	8.8	9.9	10.6	9.2	10.0	11.7	10.2	10.7
29	7.7	6.3	7.2	10.8	10.1	10.4	10.7	10.1	10.5	11.9	10.0	10.4
30	8.0	6.0	7.2	11.4	10.3	11.0	10.9	10.1	10.5	11.9	10.2	11.0
31	8.3	6.1	7.6	---	---	---	11.1	10.3	10.8	11.2	10.3	10.9
MONTH	9.7	.3	3.3	11.4	4.7	7.6	11.6	7.4	10.2	13.3	9.4	10.9

## PAMLICO RIVER BASIN

0208453300 PAMLICO RIVER AT LIGHT 5--Continued

OXYGEN DISSOLVED (MG/L), BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	11.2	9.9	10.6	8.7	4.4	6.4	8.4	4.7	6.3	8.4	1.1	4.7
2	11.0	9.4	9.8	7.8	4.6	5.9	7.6	5.1	6.5	7.3	.3	3.3
3	10.9	8.2	9.6	5.8	4.0	5.0	6.5	5.2	5.7	7.8	.7	3.9
4	10.9	8.4	10.0	7.5	4.0	5.2	5.9	4.3	5.3	6.1	1.7	3.9
5	10.9	9.3	10.4	8.3	3.9	6.6	6.4	3.6	4.5	4.4	.9	2.0
6	10.6	8.9	9.7	9.0	7.6	8.2	4.4	3.2	3.8	8.0	.7	3.6
7	10.9	8.5	9.8	8.8	7.2	8.1	3.9	3.2	3.5	8.5	7.0	7.8
8	10.8	9.7	10.1	8.5	7.0	7.8	3.4	2.0	2.7	8.4	5.2	7.4
9	10.9	9.5	10.1	9.9	7.2	8.1	3.0	2.2	2.7	8.4	4.4	6.9
10	10.4	8.7	9.7	7.9	7.2	7.6	5.0	1.8	2.6	7.8	1.7	3.6
11	10.1	8.6	9.9	7.7	6.7	7.1	6.2	1.3	3.1	5.0	.7	2.0
12	10.0	8.6	9.8	9.4	6.3	6.9	6.3	.3	1.8	6.5	.8	2.5
13	9.9	6.2	8.9	9.8	6.7	8.6	4.0	.2	.9	6.8	.4	2.5
14	9.8	7.3	8.3	9.8	7.1	8.7	1.8	.2	.7	6.1	.3	1.5
15	10.2	7.4	9.1	9.3	6.1	7.9	1.3	.0	.3	6.2	.9	2.8
16	9.8	8.4	8.9	9.4	7.0	8.6	5.7	.0	.9	3.0	.7	2.2
17	9.6	7.7	8.8	9.6	7.1	8.4	7.0	.0	3.9	7.1	1.4	4.7
18	9.8	7.5	7.9	10.1	7.2	9.0	7.4	5.4	6.9	6.5	.7	2.4
19	9.6	6.4	7.6	9.7	7.9	8.6	9.1	6.1	7.2	6.4	.6	3.6
20	9.9	5.4	6.8	9.4	8.5	9.0	8.8	6.5	7.5	6.6	.8	3.5
21	9.9	5.7	6.5	9.0	7.9	8.5	9.2	4.6	7.2	6.3	1.3	4.1
22	9.4	5.0	7.5	9.3	7.5	8.8	8.3	6.6	7.5	6.7	2.9	5.5
23	9.1	4.4	5.8	9.7	7.7	8.5	8.8	1.2	5.6	6.9	4.5	5.7
24	9.4	4.2	6.8	9.9	7.3	8.0	7.8	.4	3.1	5.5	3.7	4.5
25	9.2	6.0	7.9	9.8	5.6	7.9	8.4	.5	5.2	5.5	2.8	3.7
26	9.6	5.3	8.5	10.1	5.5	7.7	8.5	.5	6.5	5.7	3.9	4.8
27	9.1	4.7	6.1	9.7	4.7	5.8	8.2	.0	1.7	6.3	4.1	5.3
28	9.5	4.3	6.5	9.6	3.6	6.4	8.9	.2	4.1	7.1	4.1	5.8
29	---	---	---	10.3	3.8	4.8	8.2	.5	3.7	6.0	2.1	3.7
30	---	---	---	9.8	6.7	8.3	7.8	1.0	5.7	8.0	.5	2.7
31	---	---	---	8.0	4.5	6.2	---	---	---	6.5	2.8	4.5
MONTH	11.2	4.2	8.6	10.3	3.6	7.5	9.2	.0	4.2	8.5	.3	4.0
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.3	4.1	5.5	.4	.4	.4	8.6	.0	1.2	.2	.1	.1
2	5.9	2.8	4.8	5.0	.0	.9	8.0	.0	2.1	1.3	.1	.1
3	7.7	.8	2.3	6.1	.0	2.3	3.4	.0	.3	1.7	.1	.3
4	2.3	.3	1.0	6.4	.2	3.0	2.1	.0	.3	5.7	.1	.8
5	5.1	.3	2.0	6.6	.0	3.1	3.3	.0	.3	2.7	.1	.2
6	6.2	.5	3.1	7.1	.0	1.7	.4	.0	.0	5.2	.1	.5
7	.5	.1	.2	6.1	.0	3.2	.0	.0	.0	6.6	.2	2.2
8	5.5	.1	1.1	6.1	.0	3.4	.1	.0	.0	6.3	.3	3.7
9	1.0	.2	.3	5.7	.0	1.7	.1	.0	.0	6.9	5.4	6.1
10	.3	.2	.2	4.7	.0	.8	.1	.0	.0	6.2	4.3	5.0
11	.4	.1	.2	5.3	.0	.7	.0	.0	.0	7.2	4.7	5.9
12	.2	.1	.2	7.1	.0	1.4	.0	.0	.0	6.7	1.1	5.3
13	4.8	.1	.9	5.7	.0	4.1	.0	.0	.0	6.5	1.5	5.7
14	6.3	.3	4.6	6.5	.8	5.3	.0	.0	.0	7.8	4.8	6.0
15	7.3	5.5	6.4	4.3	.2	1.8	.0	.0	.0	7.4	5.8	6.7
16	8.4	5.3	6.5	2.4	.4	1.5	.4	.0	.1	7.9	6.7	7.2
17	7.9	1.6	4.8	2.3	.7	1.5	.2	.1	.1	7.6	6.9	7.1
18	4.9	.2	1.2	.9	.2	.5	.1	.1	.1	7.0	5.0	5.8
19	2.5	.1	.4	.9	.0	.2	.1	.1	.1	6.9	3.5	5.0
20	1.1	.1	.3	.6	.1	.2	.1	.1	.1	6.9	4.0	5.2
21	1.3	.0	.2	6.9	.2	1.2	.1	.1	.1	4.9	2.4	3.4
22	1.5	.0	.1	6.9	.3	1.4	.1	.1	.1	5.6	1.9	2.6
23	1.8	.0	.1	5.8	.3	2.7	.4	.1	.1	4.0	.5	2.0
24	.1	.0	.0	7.0	1.1	3.5	.1	.0	.1	4.2	.3	1.6
25	1.0	.0	.1	7.2	.6	5.2	.1	.0	.1	4.6	.3	1.0
26	6.0	.0	.7	6.4	.0	1.8	.1	.0	.0	.9	.6	.7
27	7.6	.0	2.6	5.8	.0	.8	.1	.0	.0	1.0	.1	.5
28	1.0	.0	.4	6.2	.0	1.6	.1	.0	.0	7.5	.1	.4
29	.6	.5	.5	6.6	.0	1.1	.1	.0	.0	.3	.2	.2
30	.5	.4	.4	6.6	.0	2.5	.3	.0	.1	8.2	.2	2.7
31	---	---	---	1.1	.0	.1	.1	.1	.1	---	---	---
MONTH	8.4	.0	1.7	7.2	.0	1.9	8.6	.0	.2	8.2	.1	3.1

PAMLICO RIVER BASIN

0208453300 PAMLICO RIVER AT LIGHT 5--Continued

OXYGEN DISSOLVED (% OF SATURATION), TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	107	88	94	83	74	79	99	92	96	---	---	---
2	118	84	97	84	74	80	100	89	96	---	---	---
3	117	34	92	88	74	82	92	88	90	---	---	---
4	106	39	84	90	69	83	99	89	93	---	---	---
5	100	17	54	90	70	82	96	91	93	---	---	---
6	136	33	96	88	66	78	99	85	93	---	---	---
7	123	49	91	84	59	72	100	84	94	---	---	---
8	121	64	82	82	58	71	102	90	97	---	---	---
9	84	63	73	83	62	72	99	92	96	---	---	---
10	86	61	76	81	68	75	99	91	94	---	---	---
11	99	61	79	87	73	78	99	92	94	---	---	---
12	104	82	94	81	71	76	99	89	95	---	---	---
13	122	93	103	83	68	78	97	91	94	---	---	---
14	114	50	92	86	73	79	98	87	95	---	---	---
15	119	14	92	86	75	80	98	93	95	---	---	---
16	74	12	31	85	74	79	101	93	97	---	---	---
17	83	12	45	95	82	86	96	85	91	---	---	---
18	85	44	76	90	81	86	94	84	89	---	---	---
19	106	75	88	89	81	87	98	90	94	113	90	102
20	98	60	82	90	84	87	96	86	91	105	96	100
21	97	17	64	89	82	87	---	---	---	98	85	95
22	109	13	78	89	82	86	---	---	---	100	89	94
23	95	28	82	88	81	85	---	---	---	95	87	91
24	102	76	89	88	84	86	---	---	---	98	92	95
25	100	88	93	86	82	85	---	---	---	102	93	98
26	97	62	87	88	83	86	---	---	---	98	89	91
27	92	84	88	88	80	85	---	---	---	95	88	93
28	93	83	87	104	80	91	---	---	---	97	90	92
29	92	79	84	104	92	99	---	---	---	99	92	96
30	90	74	82	100	91	97	---	---	---	97	88	93
31	89	76	81	---	---	---	---	---	---	95	89	92
MONTH	136	12	82	104	58	83	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	95	87	92	93	73	85	98	59	80	98	73	84
2	98	90	94	94	72	87	88	74	81	100	66	82
3	94	89	92	94	43	74	89	77	82	111	74	93
4	92	78	88	86	43	71	100	73	86	103	67	96
5	91	85	89	86	57	77	96	71	89	109	76	93
6	94	81	90	75	67	71	90	77	86	103	76	91
7	94	84	91	79	69	75	92	77	82	90	74	82
8	95	85	91	88	66	78	90	69	82	99	67	83
9	95	83	93	95	80	88	87	25	67	107	51	84
10	93	87	91	101	86	92	86	23	58	103	60	89
11	91	81	88	102	87	95	85	59	73	104	45	87
12	86	79	85	102	58	88	84	68	74	95	71	86
13	86	79	84	98	66	90	97	72	83	95	67	83
14	87	74	84	100	85	92	117	82	95	95	65	86
15	97	80	91	97	86	91	100	80	89	88	61	78
16	98	90	95	96	83	90	88	65	80	98	39	77
17	95	89	92	110	88	100	84	70	77	80	61	72
18	91	85	89	104	93	99	81	69	74	93	62	76
19	92	87	90	99	89	94	108	69	83	102	72	87
20	93	88	91	92	84	89	100	76	87	88	59	77
21	96	88	92	97	81	87	99	82	92	80	60	69
22	91	80	85	94	84	90	106	79	89	78	67	72
23	86	78	83	101	88	93	104	84	95	81	59	70
24	88	74	84	103	86	97	94	74	87	99	53	69
25	86	80	84	99	90	93	88	75	81	93	45	74
26	95	83	88	101	86	93	89	72	79	76	46	63
27	95	62	89	107	90	99	92	73	82	81	51	68
28	93	80	86	117	87	102	89	70	81	84	62	72
29	---	---	---	105	91	98	83	68	77	98	67	79
30	---	---	---	103	91	98	97	65	78	111	42	94
31	---	---	---	102	89	96	---	---	---	95	42	78
MONTH	98	62	89	117	43	89	117	23	82	111	39	80



PAMLICO RIVER BASIN

0208453300 PAMLICO RIVER AT LIGHT 5--Continued

OXYGEN DISSOLVED (% OF SATURATION), TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	86	62	76	101	3	76	120	86	105	70	49	62
2	103	60	85	79	53	67	105	86	96	90	38	70
3	124	91	104	84	63	74	122	91	100	96	64	84
4	119	57	95	93	64	82	200	90	120	95	67	78
5	118	14	86	100	60	83	163	59	101	95	62	80
6	101	66	83	107	56	94	121	9	82	103	74	85
7	99	74	90	112	78	88	113	16	80	99	75	84
8	109	78	92	88	76	83	153	21	72	92	71	80
9	115	79	95	129	74	92	105	6	73	87	71	78
10	142	57	93	104	76	91	97	4	64	88	66	74
11	126	69	106	122	68	97	98	6	64	88	66	78
12	122	18	97	111	15	80	96	26	79	97	75	83
13	109	40	78	86	59	75	100	70	87	100	71	83
14	82	65	73	97	70	81	95	53	78	98	67	80
15	87	71	81	87	52	78	99	74	88	89	70	80
16	---	---	---	99	29	76	126	37	97	92	78	84
17	---	---	---	102	48	85	109	53	92	95	81	87
18	---	---	---	111	15	88	109	78	91	98	72	88
19	132	59	100	92	15	71	99	54	78	97	73	86
20	125	57	97	102	61	81	100	52	88	87	61	75
21	110	30	81	97	72	85	113	50	86	98	31	74
22	105	37	87	88	68	81	110	40	91	114	23	83
23	106	69	92	83	52	74	112	41	92	97	41	79
24	105	44	97	86	61	77	111	87	102	92	46	77
25	130	90	104	98	74	87	105	85	95	86	62	77
26	128	102	113	101	85	94	109	80	91	85	71	78
27	135	87	105	91	68	85	115	71	91	103	66	82
28	141	92	113	113	80	91	111	48	93	101	84	91
29	136	48	98	104	84	94	94	25	74	96	86	90
30	106	21	84	99	88	92	83	3	45	92	84	88
31	---	---	---	119	85	94	82	27	65	---	---	---
MONTH	---	---	---	129	3	84	200	3	86	114	23	81

OXYGEN DISSOLVED (% OF SATURATION), BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	91	5	36	78	71	75	96	90	92	82	80	81
2	71	5	19	79	63	73	97	87	90	86	80	84
3	52	8	31	71	53	61	92	89	91	85	80	83
4	59	9	35	64	54	59	91	87	90	87	75	82
5	50	25	39	72	55	63	92	82	86	87	74	81
6	36	9	19	71	56	63	89	81	83	82	70	74
7	18	10	13	64	54	56	84	80	83	79	74	76
8	17	10	11	57	53	55	94	81	83	78	74	76
9	64	11	19	71	50	54	89	81	83	86	74	76
10	80	14	48	77	48	68	95	82	89	84	74	79
11	102	35	67	79	72	76	90	77	81	82	75	79
12	99	33	59	76	71	74	95	76	86	89	77	80
13	34	15	23	77	70	73	93	76	84	89	81	85
14	39	14	25	82	67	73	97	76	89	87	81	84
15	45	22	37	82	65	74	98	71	91	88	79	82
16	42	34	38	76	64	68	95	64	75	87	80	83
17	39	24	31	87	59	71	93	63	84	88	82	84
18	29	19	25	86	57	73	90	81	85	106	84	93
19	31	18	23	80	54	68	95	79	84	103	91	97
20	22	15	18	79	66	73	95	84	88	107	96	100
21	20	9	14	81	75	78	95	85	89	102	90	96
22	12	6	9	78	74	76	90	75	84	95	86	89
23	74	4	18	83	75	79	81	77	79	97	91	94
24	76	4	24	80	77	79	81	74	77	96	89	92
25	42	4	14	81	77	78	84	72	79	103	86	92
26	90	6	34	81	76	78	81	75	78	94	88	90
27	88	8	70	80	72	75	82	73	76	98	86	92
28	87	8	59	98	76	87	82	73	78	94	82	86
29	82	67	76	95	89	91	82	78	80	95	81	84
30	83	63	76	99	91	96	83	78	80	97	82	90
31	86	64	78	---	---	---	82	78	81	97	86	92
MONTH	102	4	35	99	48	72	98	63	84	107	70	86

PAMLICO RIVER BASIN

0208453300 PAMLICO RIVER AT LIGHT 5--Continued

OXYGEN DISSOLVED (% OF SATURATION), BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	97	84	91	80	40	59	80	43	59	89	11	50
2	95	80	83	72	42	54	72	48	61	79	3	36
3	94	70	82	53	37	45	61	49	53	86	8	42
4	92	71	84	69	36	48	55	40	50	68	19	42
5	92	79	88	76	36	61	61	34	43	48	10	22
6	90	75	82	76	68	71	42	30	36	91	8	41
7	94	72	83	75	62	69	36	30	33	94	77	86
8	94	82	86	73	60	67	33	19	25	94	57	81
9	95	81	87	85	62	70	29	20	26	92	48	76
10	94	76	87	68	62	65	51	17	25	87	18	40
11	91	76	88	67	58	62	65	13	31	56	8	23
12	87	75	86	84	55	60	68	3	19	75	9	29
13	86	54	77	92	58	78	42	2	9	78	5	29
14	86	64	72	92	65	81	19	2	7	70	3	16
15	93	64	80	88	56	73	14	0	3	71	10	32
16	91	73	78	90	65	80	62	0	9	34	8	25
17	90	69	80	92	67	80	73	0	40	80	15	52
18	88	66	70	97	68	86	73	55	68	71	7	27
19	86	57	67	91	75	82	90	61	72	72	6	40
20	88	48	61	87	79	84	88	64	74	77	9	40
21	88	50	58	84	73	78	92	45	73	74	14	47
22	83	45	67	88	70	82	85	67	77	79	33	64
23	81	39	52	91	72	79	92	12	58	82	54	67
24	83	37	60	94	68	75	83	4	32	65	44	53
25	83	53	71	94	52	74	92	5	55	66	33	44
26	89	48	78	94	51	72	89	6	68	69	46	58
27	84	43	56	89	43	54	85	0	17	77	48	63
28	87	39	60	88	34	59	94	2	43	85	50	69
29	---	---	---	94	35	44	87	5	39	71	25	44
30	---	---	---	92	62	78	82	10	60	96	6	32
31	---	---	---	75	42	57	---	---	---	77	33	54
MONTH	97	37	76	97	34	69	94	0	42	96	3	46

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	74	49	65	5	5	5	106	0	14	3	1	1
2	71	33	56	64	0	11	98	0	26	17	1	2
3	93	10	27	77	0	28	42	0	4	22	1	3
4	27	3	12	81	3	37	26	0	3	71	1	10
5	63	3	24	83	0	39	40	0	4	33	1	3
6	78	6	38	89	0	21	6	0	1	65	1	6
7	6	1	2	77	0	40	1	0	0	83	2	27
8	68	2	14	76	0	42	2	0	0	79	3	47
9	13	2	3	70	0	21	2	0	0	87	68	77
10	4	2	2	60	0	10	1	0	0	78	54	63
11	5	2	2	68	0	8	0	0	0	91	58	75
12	2	2	2	91	0	18	0	0	0	85	14	66
13	60	2	11	72	0	52	0	0	0	82	19	71
14	79	4	57	83	10	66	1	0	0	98	60	74
15	89	67	78	54	3	23	0	0	0	89	70	80
16	104	65	80	30	5	19	5	0	1	93	79	85
17	98	20	59	29	8	18	2	1	1	88	80	83
18	61	3	15	12	2	6	2	1	1	82	59	68
19	31	1	5	12	0	2	2	1	1	81	41	58
20	13	1	4	8	1	3	1	1	1	81	47	62
21	16	0	3	86	2	15	1	1	1	58	28	41
22	19	0	1	87	4	18	1	1	1	66	22	31
23	22	0	1	71	4	34	6	1	2	47	6	23
24	1	0	0	88	14	44	2	1	1	50	4	19
25	12	0	1	92	7	65	1	0	1	55	4	12
26	76	0	9	81	0	22	1	0	1	10	7	9
27	96	0	32	74	0	10	1	0	1	12	1	6
28	13	0	5	76	0	19	1	0	1	86	1	5
29	8	6	6	82	0	14	1	0	0	3	2	3
30	6	5	5	82	0	31	4	0	1	91	2	30
31	---	---	---	14	0	1	1	1	1	---	---	---
MONTH	104	0	21	92	0	24	106	0	2	98	1	38