0209262905 NEUSE RIVER AT CHANNEL LIGHT 11

LOCATION.--Lat. 34°59'56", long. 76°56'36", Craven County, Hydrologic Unit 03020204, at U.S. Coast Guard Channel Light 11.

PERIOD OF RECORD.--Water years 1989 to 1993, 1996 to current year.

PERIOD OF DAILY RECORD.--

SALINITY (TOP AND BOTTOM): May to December 1989, January 1991 to July 1993, June 1996 to current year.

pH (TOP AND BOTTOM): June 1996 to current year.

WATER TEMPERATURE (TOP): May to December 1989, January 1991 to July 1993, June 1996 to current year.

WATER TEMPERATURE (BOTTOM): June 1996 to current year.

DISSOLVED OXYGEN (TOP AND BOTTOM): May to December 1989, January 1991 to July 1993, June 1996 to current year.

DISSOLVED OXYGEN (MID): May to December 1989, January 1991 to July 1993.

DISSOLVED OXYGEN, PERCENT SATURATION, (TOP AND BOTTOM): May to December 1989, January 1991 to July 1993, June 1996 to current year.

DISSOLVED OXYGEN, PERCENT SATURATION, (MID): May to December 1989, January 1991 to July 1993.

INSTRUMENTATION.-- Water-quality monitor from May to December 1989, January 1991 to July 1993. 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 June 1996 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 Hurricanes Dennis and Floyd. It was reinstalled October 6, 1999. Prior to June 1996, top constituents were monitored at 10 feet above streambed, mid constituents at 6 feet above streambed, and bottom constituents 2 feet above streambed. Beginning in June 1996 top constituents were monitored at 8 feet above streambed, and bottom constituents 2 feet above 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	16.6, August 12, 2000	<0.1, on many days during the period
SALINITY (BOTOM), ppt	22.0, August 15, 2001	<0.1, on many days during the period
pH (TOP), standard units	9.9, March 17, 1999	5.7, February 16, 1998
pH (BOTTOM), standard units	9.3, September 23, 1998	5.4, October 10, 1999
WATER TEMPERATURE (TOP), °C	33.3, August 1, 1999	1.6, January 29, 2000
WATER TEMPERATURE (BOTTOM), °C	30.5, June 28, 1998	1.7, January 29, 2000
DISSOLVED OXYGEN (TOP), mg/L	20.0, February 18, 1992	<1.0, on several days during the period
DISSOLVED OXYGEN (BOTTOM), mg/L	21.2, February 20, 1991	<1.0, on many days during the period

EXTREMEMS FOR CURRENT YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY (TOP), ppt	15.5, September 30	0.4, March 30, April 10
SALINITY (BOTTOM), ppt	22.0, August 15	0.9, March 30
pH (TOP), standard units	9.1, July 9	6.7, October 6, January 1, April 13
pH (BOTTOM), standard units	8.7, January 23	6.5, May 22, 25-27
WATER TEMPERATURE (TOP), °C	31.7, August 8	1.0, January 5
WATER TEMPERATURE (BOTTOM), °C	28.5, July 25	2.3, January 3
DISSOLVED OXYGEN (TOP), mg/L	14.4, March 8	1.5, August 20
DISSOLVED OXYGEN (BOTTOM), mg/L	12.0, November 28	<1.0, on many days during the year
DISSOLVED OXYGEN, PERCENT SATURATION (TOP),%	178, June 10	19, August 20
DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM),%	125, July 6	<10, on many days during the year

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11--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													
02...	1600	--	2.80	20.6	5890	11.6	8.8	--	--	1.0	--	--	6.9
02...	1607	--	9.50	17.5	14800	1.6	6.8	--	--	.98	--	--	3.8
30...	1800	--	3.00	25.0	9510	9.2	8.3	--	--	1.2	--	--	21.0
30...	1807	--	9.50	22.9	26200	M	6.9	--	--	1.0	--	--	<.1
JUN													
27...	0700	.80	3.00	27.2	3780	7.4	7.7	--	--	--	--	--	3.0
27...	0707	.80	9.50	26.1	20600	.6	6.7	--	--	--	--	--	3.0
27...	0800	.80	3.00	27.0	3900	7.6	7.5	.021	.003	.78	.244	.031	2.5
27...	0807	.80	9.50	27.7	9940	7.8	8.2	.053	.001	.82	.037	.018	4.7
JUL													
03...	1200	--	3.00	26.7	15900	7.8	7.9	--	--	--	--	--	6.1
03...	1207	--	9.00	26.2	17900	4.6	7.2	--	--	--	--	--	2.3
18...	0900	--	3.00	25.9	12300	6.7	7.7	.037	<.001	.76	.006	.069	12.4
18...	0907	--	9.00	26.1	20800	.9	7.1	.194	<.001	.42	.007	.227	E.3
26...	1000	.80	2.50	27.8	14800	6.5	7.7	.048	<.001	.87	.005	.094	2.5
26...	1007	.80	8.50	27.2	19100	1.1	7.0	.061	<.001	.93	.007	.163	16.1
26...	1300	.80	2.50	28.2	15200	7.1	8.1	.052	<.001	.70	.010	.102	1.9
26...	1307	.80	8.60	26.7	20800	.6	7.3	.096	.001	.65	.009	.201	7.5
AUG													
06...	1100	--	3.00	28.2	9600	11.1	8.8	.038	<.001	3.7	<.005	.068	3.0
06...	1107	--	9.00	26.5	18800	.5	6.9	.144	.001	17	.018	.100	<.1
15...	1000	--	3.00	27.9	8870	7.4	8.1	.096	.002	1.2	.005	.096	3.6
15...	1007	--	9.00	27.2	33700	M	7.3	.183	.004	22	.016	.077	<.1
20...	1400	--	3.00	27.8	15800	6.6	7.9	.028	<.001	.50	<.005	.086	5.6
20...	1407	--	9.00	27.2	31000	M	7.3	.148	<.001	.44	<.005	.197	3.6
23...	1000	--	3.00	27.7	7220	10.1	8.7	.016	<.001	.58	.005	.063	--
23...	1007	--	9.00	27.7	27900	M	7.4	.039	<.001	.69	.005	.087	--
31...	1100	--	3.00	27.2	27600	.2	7.1	E.019	E.001	.80	E.005	E.054	2.4
31...	1107	--	9.23	27.2	27600	.2	7.1	E.092	E.001	.19	<.005	E.122	<.1
SEP													
06...	1000	--	2.50	25.8	16600	8.3	8.3	.055	.003	.48	.016	.098	4.7
06...	1007	--	9.00	25.7	17100	7.0	8.1	.045	.001	.51	.007	.108	E1.5
13...	1000	--	3.00	25.9	14600	7.8	8.4	.049	.002	.57	.007	.108	3.2
13...	1007	--	9.00	25.9	16500	6.3	8.2	.051	.002	.43	.008	.099	<.1
21...	1000	--	3.00	23.8	16300	9.1	8.4	.053	.001	.45	.009	.066	.3
21...	1007	--	9.00	23.9	22700	3.8	7.5	.091	.001	.36	.010	.080	<.1

DATE	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L) (70954)	NITRO-GEN, ORGANIC TOTAL (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													
02...	--	.98	.02	<.01	<.02	.060	.010	--	.03	--	--	--	--
02...	--	.97	.01	<.01	<.02	.040	.010	--	.01	--	--	--	--
30...	--	1.2	.02	<.01	<.02	.040	.040	--	.03	--	--	--	--
30...	--	.95	.05	<.01	<.02	.160	.110	--	.06	--	--	--	--
JUN													
27...	<.1	--	--	--	--	--	--	--	--	--	--	--	--
27...	<.1	--	--	--	--	--	--	--	--	--	--	--	--
27...	<.1	.76	--	--	--	.090	--	.03	--	.241	1.07	.010	1.0
27...	<.1	.77	--	--	--	.085	--	.07	--	.036	.159	.003	.86
JUL													
03...	3.6	--	--	--	--	--	--	--	--	--	--	--	--
03...	<.1	--	--	--	--	--	--	--	--	--	--	--	--
18...	E.2	.73	--	--	--	.118	--	.05	--	--	--	--	.77
18...	<.1	.23	--	--	--	.181	--	.25	--	--	--	--	.43
26...	<.1	.82	--	--	--	.159	--	.06	--	--	--	--	.88
26...	<.1	.87	--	--	--	.196	--	.08	--	--	--	--	.94
26...	<.1	.65	--	--	--	.176	--	.07	--	--	--	--	.71
26...	E.1	.55	--	--	--	.170	--	.12	--	.008	.035	.003	.66
AUG													
06...	<.1	3.6	--	--	--	--	--	.05	--	--	--	--	--
06...	<.1	17	--	--	--	--	--	.19	--	.017	.075	.003	17
15...	<.1	1.1	--	--	--	--	--	.12	--	.003	.013	.007	1.2
15...	<.1	22	--	--	--	--	--	.24	--	.012	.053	.013	22
20...	.5	.48	--	--	--	--	--	.04	--	--	--	--	--
20...	E.3	.29	--	--	--	--	--	.19	--	--	--	--	--
23...	--	.56	--	--	--	--	--	.02	--	--	--	--	.59
23...	--	.65	--	--	--	--	--	.05	--	--	--	--	.69
31...	E.3	--	--	--	--	--	--	--	--	--	--	--	--
31...	<.1	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
06...	E.2	.43	--	--	--	--	--	.07	--	.013	.058	.010	.50
06...	<.1	.47	--	--	--	--	--	.06	--	.006	.027	.003	.52
13...	<.1	.52	--	--	--	--	--	.06	--	.005	.022	.007	.57
13...	<.1	.38	--	--	--	--	--	.07	--	.006	.027	.007	.44
21...	<.1	.40	--	--	--	--	--	.07	--	.008	.035	.003	.46
21...	<.1	.27	--	--	--	--	--	.12	--	.009	.040	.003	.37

DATE	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4) (00660)	PHOS-PHATE, TOTAL (MG/L AS PO4) (00650)
MAY		
02...	--	.031
02...	--	.031
30...	--	.123
30...	--	.337
JUN		
27...	--	--
27...	--	--
27...	.095	--
27...	.055	--
JUL		
03...	--	--
03...	--	--
18...	.212	--
18...	.696	--
26...	.288	--
26...	.500	--
26...	.313	--
26...	.616	--
AUG		
06...	.209	--
06...	.307	--
15...	.294	--
15...	.236	--
20...	.264	--
20...	.604	--
23...	.193	--
23...	.267	--
31...	--	--
31...	--	--
SEP		
06...	.300	--
06...	.331	--
13...	.331	--
13...	.304	--
21...	.202	--
21...	.245	--

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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	5.8	3.0	3.9	7.6	7.2	7.4	7.3	6.5	7.2	7.2	6.2	6.6
2	5.6	3.0	4.6	7.5	7.3	7.4	7.7	7.2	7.5	7.0	6.3	6.7
3	3.6	1.9	2.5	7.3	7.2	7.2	8.0	7.7	7.8	7.1	6.1	6.7
4	4.8	3.3	4.2	7.3	6.5	7.1	7.9	5.7	6.9	7.1	6.0	6.5
5	3.6	1.4	2.3	7.6	6.7	7.4	6.8	4.1	5.5	7.2	5.5	6.6
6	2.5	.7	1.2	7.5	5.8	7.0	5.5	3.7	4.5	7.2	6.9	7.1
7	4.5	1.7	2.9	7.4	5.5	6.0	5.9	4.1	5.0	7.0	6.1	6.6
8	8.4	3.1	5.4	7.1	5.3	5.7	7.0	5.1	6.0	7.0	6.1	6.6
9	8.1	4.8	5.8	7.5	5.2	6.4	6.9	6.2	6.6	7.4	6.4	6.8
10	6.6	5.5	5.9	8.4	7.2	7.8	7.2	5.9	6.6	9.6	7.1	8.0
11	6.4	3.5	5.2	8.8	7.1	8.1	6.0	4.6	5.4	8.7	7.5	8.1
12	3.8	2.9	3.4	8.6	7.8	8.1	8.1	5.2	6.7	8.9	7.6	8.1
13	3.4	2.0	2.9	7.9	6.3	7.1	7.3	6.6	6.9	9.0	8.5	8.8
14	2.7	1.7	2.2	8.4	6.4	7.3	7.1	6.7	7.0	9.5	8.0	8.5
15	4.0	2.4	3.3	8.0	7.3	7.6	7.3	7.0	7.2	9.5	6.5	7.8
16	4.0	2.6	3.2	7.9	6.4	7.4	7.3	6.4	7.0	9.4	8.2	8.7
17	3.2	.9	2.8	9.0	6.6	8.5	---	---	---	8.9	7.7	8.4
18	5.0	2.7	3.7	9.2	8.3	8.7	7.7	6.3	7.4	8.0	6.5	7.4
19	6.6	4.2	5.7	9.0	8.1	8.6	7.8	6.0	6.9	9.5	7.1	8.3
20	6.1	5.8	6.0	9.7	8.5	9.0	---	---	---	9.6	8.4	9.1
21	6.3	5.6	5.8	9.5	8.3	9.0	6.4	5.2	6.0	10.6	7.3	9.5
22	6.7	5.6	6.0	9.5	9.2	9.4	7.0	2.9	5.3	9.2	7.6	8.5
23	7.2	6.5	6.8	9.5	9.2	9.3	7.1	6.3	6.7	9.2	7.0	8.5
24	7.4	6.4	6.7	9.4	8.6	9.3	6.4	4.4	5.8	9.2	6.6	8.1
25	7.2	6.3	6.6	9.3	5.9	8.8	7.8	4.2	6.6	9.5	6.6	8.6
26	6.9	6.4	6.7	8.4	5.9	7.8	7.7	4.9	6.1	9.8	8.2	9.2
27	7.0	6.8	6.9	8.9	7.9	8.6	5.6	3.1	4.3	10.6	8.8	10.0
28	7.3	6.7	7.0	9.1	6.8	8.3	6.1	3.0	4.9	9.5	7.6	9.1
29	7.5	7.0	7.3	8.4	5.2	6.0	6.9	4.9	5.8	8.5	5.5	6.7
30	7.6	2.0	7.2	8.9	6.6	8.5	6.8	5.7	6.4	9.5	6.8	8.7
31	7.6	7.4	7.5	---	---	---	---	---	---	9.8	8.9	9.3
MONTH	8.4	.7	4.9	9.7	5.2	7.8	---	---	---	10.6	5.5	8.0

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

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11--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
		JUNE			JULY			AUGUST			SEPTEMBER	
1	9.5	7.6	8.6	11.9	7.6	9.6	9.5	6.0	7.6	11.6	10.2	11.1
2	8.6	7.9	8.3	12.0	3.5	10.1	8.0	5.3	6.6	11.6	10.0	10.8
3	8.6	6.5	7.6	10.5	6.3	8.8	8.4	5.8	6.8	10.6	9.3	10.2
4	7.8	4.0	6.5	11.5	7.6	9.5	7.1	5.7	6.3	11.7	9.8	10.8
5	7.7	3.3	5.7	11.9	10.7	11.3	7.2	4.9	6.2	11.5	8.4	9.9
6	8.1	5.9	6.7	11.7	8.4	10.5	6.9	4.4	5.4	11.2	9.8	10.3
7	7.4	5.5	6.6	10.6	8.0	9.2	7.8	3.6	5.7	11.1	9.8	10.6
8	8.1	5.0	7.5	9.2	8.4	8.6	8.0	6.1	7.1	12.0	10.9	11.3
9	7.6	4.1	4.9	9.5	6.3	8.3	8.9	4.8	6.6	12.0	10.9	11.3
10	8.0	3.9	5.8	9.0	5.5	7.1	9.3	5.6	6.9	11.1	10.4	10.8
11	7.2	4.3	6.3	9.0	3.6	7.2	10.1	5.7	6.8	11.2	10.3	10.8
12	10.5	6.0	7.3	9.3	7.6	8.4	11.4	6.3	8.1	10.8	8.6	9.8
13	10.1	7.3	8.7	10.2	8.0	9.5	10.1	6.9	8.0	9.5	7.8	8.6
14	10.3	7.8	8.7	8.4	6.2	7.7	11.7	5.6	7.1	10.8	8.8	9.6
15	8.9	7.1	7.9	9.3	4.6	6.3	6.7	4.3	5.4	11.1	10.1	10.6
16	10.3	4.5	7.3	8.8	5.4	6.3	10.8	4.9	6.3	13.1	11.1	11.9
17	7.5	2.9	5.2	8.0	7.1	7.5	10.5	7.2	8.2	11.8	9.9	10.9
18	5.6	1.8	3.6	9.0	6.5	7.6	11.2	7.0	8.1	11.5	8.5	9.7
19	6.0	2.9	3.9	8.3	7.3	7.8	9.9	6.6	8.4	12.2	7.6	9.4
20	4.7	.9	3.3	8.9	7.9	8.3	13.7	7.2	9.2	11.6	8.1	9.7
21	4.3	.8	2.5	10.0	8.1	8.9	8.7	4.6	7.1	---	---	---
22	5.3	.9	3.3	8.3	5.7	7.1	6.6	4.4	5.5	12.8	9.7	10.5
23	4.9	1.0	3.5	8.4	6.5	7.5	8.9	3.2	4.6	12.4	8.8	11.0
24	4.7	.8	2.6	8.4	7.6	8.0	6.7	2.9	3.8	12.2	10.3	11.2
25	5.0	.8	2.8	9.2	8.4	8.8	6.5	2.7	4.3	11.5	11.0	11.3
26	5.0	.8	3.3	9.5	8.4	9.0	11.5	4.9	9.6	11.9	11.0	11.3
27	4.0	1.9	2.5	11.3	9.0	10.0	8.8	5.9	7.4	11.8	8.5	9.5
28	5.6	.9	1.8	11.3	9.7	10.9	10.9	7.9	9.2	14.2	8.9	10.3
29	6.8	2.2	3.3	10.9	9.2	10.1	10.9	9.1	10.2	15.0	12.3	14.2
30	10.5	3.6	6.9	11.2	9.8	10.6	10.7	8.3	9.6	15.5	13.8	14.7
31	---	---	---	10.4	9.0	9.7	10.9	8.0	9.4	---	---	---
MONTH	10.5	.8	5.4	12.0	3.5	8.7	13.7	2.7	7.1	---	---	---

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
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	5.6	2.9	4.3	7.6	7.3	7.5	9.0	7.3	8.1	7.7	7.1	7.4
2	5.4	4.4	4.8	7.6	7.4	7.4	8.9	7.4	7.7	7.7	6.5	7.0
3	7.4	4.6	5.8	7.7	7.2	7.5	8.0	7.7	7.9	11.3	6.7	7.9
4	7.5	4.5	6.4	8.5	7.6	8.0	9.0	7.2	8.2	12.2	9.7	11.2
5	7.8	5.6	7.0	8.5	7.3	7.7	9.7	8.7	9.3	12.4	8.6	11.8
6	8.4	6.7	7.6	8.2	7.6	7.7	9.7	9.5	9.6	12.8	10.2	11.9
7	9.9	5.8	8.5	8.3	8.1	8.2	9.8	8.6	9.5	12.7	12.3	12.5
8	9.7	3.2	6.3	8.8	8.3	8.4	10.3	9.2	9.8	12.6	12.3	12.5
9	8.8	4.7	7.0	9.3	8.5	8.9	10.3	6.5	8.0	12.6	7.4	11.3
10	8.0	5.9	6.8	10.2	7.6	8.6	10.7	6.7	9.4	13.3	7.4	10.6
11	8.0	6.1	6.5	9.5	7.1	8.3	10.9	7.2	10.1	13.5	10.7	12.4
12	6.7	5.1	6.2	10.2	7.9	9.0	11.1	6.9	9.4	14.3	9.3	13.1
13	7.3	5.6	6.4	11.3	9.6	10.7	11.4	7.2	8.3	10.7	9.1	9.4
14	8.1	7.3	7.9	11.0	8.1	10.0	11.8	7.0	9.0	14.7	10.7	13.8
15	9.7	7.9	8.5	10.3	7.6	8.6	7.8	7.1	7.2	14.1	12.5	13.5
16	10.7	9.6	10.4	12.1	10.2	11.1	7.4	6.8	7.3	14.4	12.1	13.3
17	10.9	9.8	10.5	13.1	9.1	11.1	8.9	5.5	6.8	14.3	13.0	13.7
18	11.3	10.8	11.1	13.1	8.8	9.9	8.4	7.3	8.0	13.7	12.0	12.9
19	11.3	9.5	10.9	12.4	8.6	9.1	8.1	6.2	7.7	13.9	9.7	12.1
20	11.0	7.7	9.4	11.7	9.0	10.2	7.6	6.0	7.0	12.2	9.7	10.9
21	10.9	8.5	9.8	10.9	9.0	9.4	7.5	6.3	6.6	11.3	9.5	10.7
22	11.5	6.7	10.3	9.6	9.2	9.4	9.8	6.1	7.7	11.4	8.5	9.8
23	7.8	6.3	6.8	9.5	9.2	9.3	7.0	6.2	6.6	10.0	8.7	9.2
24	10.8	6.2	7.6	9.4	9.3	9.4	9.7	6.1	7.6	11.6	9.2	10.4
25	10.4	6.8	7.8	9.4	9.0	9.3	9.7	6.3	7.5	12.0	8.6	10.1
26	7.6	6.6	6.9	9.2	8.3	8.8	8.8	6.8	8.2	12.0	9.8	10.7
27	7.0	6.8	6.9	9.2	8.6	8.9	10.4	8.5	9.3	12.3	11.0	11.6
28	7.9	7.0	7.6	9.5	8.8	9.0	10.3	5.1	7.7	11.7	9.9	10.7
29	7.6	7.2	7.4	9.6	8.7	9.3	9.3	5.3	6.9	11.7	10.0	11.6
30	7.6	7.2	7.4	9.1	8.2	8.7	9.8	6.3	8.4	11.3	9.4	10.1
31	7.6	7.4	7.5	---	---	---	7.5	6.2	6.9	10.4	9.5	10.0
MONTH	11.5	2.9	7.7	13.1	7.1	9.0	11.8	5.1	8.1	14.7	6.5	11.1

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11--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	10.5	9.9	10.3	8.1	6.2	7.5	5.7	1.3	4.0	7.3	5.6	6.6
2	10.6	9.9	10.4	9.2	7.7	8.4	4.5	1.4	3.4	8.1	6.4	7.1
3	11.1	7.6	9.4	9.8	8.4	9.4	7.9	3.5	5.5	8.2	6.5	7.6
4	11.1	7.9	8.7	9.9	8.0	9.6	9.6	7.0	8.4	9.6	7.4	8.7
5	9.3	7.7	8.2	9.8	7.0	8.3	7.3	2.1	3.7	10.5	8.7	9.8
6	10.1	7.4	9.2	7.1	6.2	6.8	5.9	1.6	3.1	10.9	4.7	9.2
7	11.7	9.3	10.8	6.6	5.5	6.0	7.8	2.1	5.1	10.1	6.0	7.7
8	11.3	8.6	9.8	9.0	6.1	7.4	8.7	6.2	7.6	10.9	6.1	8.4
9	11.0	7.9	10.1	10.0	8.9	9.3	9.7	4.6	8.8	10.0	6.3	7.6
10	11.8	8.5	10.2	12.6	7.0	10.4	10.4	8.6	10.0	10.2	7.6	8.9
11	9.0	8.5	8.7	12.6	10.7	12.3	8.7	3.6	6.6	9.8	8.5	9.3
12	9.2	8.5	8.7	12.5	9.8	11.6	8.2	4.6	6.7	10.5	6.3	9.3
13	9.2	7.6	8.4	10.5	6.3	6.9	10.6	7.2	9.3	10.1	7.0	8.0
14	11.1	8.9	10.4	9.2	6.9	8.0	11.6	8.6	10.2	9.3	6.7	7.6
15	12.1	10.4	11.4	9.2	7.0	8.2	11.5	8.5	10.2	9.3	7.1	8.1
16	12.2	11.1	11.7	8.6	5.9	6.9	12.3	6.0	9.0	9.4	7.1	7.7
17	11.5	9.2	10.5	10.4	5.9	8.4	10.1	5.9	6.9	8.6	7.2	8.0
18	9.4	8.9	9.1	10.7	4.2	6.6	6.7	5.7	6.2	8.6	7.5	8.0
19	11.3	9.0	10.0	9.3	5.5	7.2	6.9	6.1	6.6	8.6	7.9	8.4
20	11.5	10.7	11.3	7.0	5.6	6.3	7.0	5.0	6.6	8.6	7.6	8.2
21	11.5	7.3	10.6	---	---	---	7.1	4.7	6.0	8.4	6.4	7.6
22	9.4	7.7	8.3	---	---	---	6.7	4.0	5.5	9.7	5.9	7.5
23	10.6	8.3	9.4	---	---	---	7.5	4.2	5.5	9.3	6.0	7.8
24	10.8	7.8	9.8	---	---	---	8.7	4.5	6.7	12.4	8.0	9.6
25	10.4	6.3	8.6	---	---	---	9.8	3.9	6.1	11.6	8.0	10.3
26	9.3	6.6	8.2	---	---	---	6.3	4.8	5.6	10.3	8.2	9.0
27	7.9	6.5	7.2	---	---	---	12.0	5.2	9.1	11.0	8.5	10.0
28	7.8	5.9	7.2	3.9	3.1	3.3	11.5	5.3	9.5	12.2	8.9	10.9
29	---	---	---	4.1	1.9	2.6	6.1	5.3	5.7	14.7	10.6	13.7
30	---	---	---	3.7	.9	2.4	6.7	5.2	5.8	15.9	13.1	15.1
31	---	---	---	5.3	3.6	4.6	---	---	---	15.9	8.1	10.6
MONTH	12.2	5.9	9.5	---	---	---	12.3	1.3	6.8	15.9	4.7	8.9

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	11.2	8.7	9.5	13.3	11.3	12.4	11.1	9.7	10.3	18.9	17.0	18.5
2	10.4	5.8	9.3	13.9	10.2	12.0	10.8	7.9	9.9	18.5	15.6	17.5
3	12.1	7.4	10.9	11.1	10.3	10.6	11.7	9.5	10.8	17.6	10.5	13.3
4	12.6	10.0	11.6	12.8	11.1	11.7	11.1	9.9	10.6	16.2	11.4	13.7
5	12.4	9.4	11.1	12.6	11.1	11.9	12.6	9.7	11.1	17.1	13.7	14.7
6	12.3	10.2	11.7	12.1	10.3	11.3	13.0	10.1	11.2	15.6	9.9	11.8
7	13.1	11.9	12.4	11.0	10.4	10.5	14.1	11.0	12.9	12.4	10.9	11.6
8	14.5	13.1	13.9	10.7	9.2	10.4	14.6	12.7	13.9	12.4	11.3	12.0
9	15.3	14.2	14.9	10.7	4.7	9.3	15.7	14.0	14.8	12.4	11.6	12.1
10	14.4	11.1	13.3	10.7	3.1	8.3	16.2	14.5	15.1	13.1	11.0	11.7
11	13.8	11.5	12.8	11.7	4.9	10.5	17.3	15.2	16.4	12.7	11.0	11.6
12	15.0	12.2	14.1	12.1	8.5	10.2	18.8	16.5	17.8	12.5	11.6	12.1
13	14.9	10.1	14.2	10.1	8.1	9.5	19.9	17.2	19.0	12.4	8.2	11.0
14	12.0	8.2	9.7	9.8	8.1	8.7	21.8	19.6	20.6	12.1	9.7	10.7
15	11.2	7.8	9.3	12.6	9.7	11.9	22.0	21.0	21.6	11.7	10.4	10.9
16	12.6	7.0	11.6	12.2	11.4	12.1	21.0	15.7	19.6	13.2	11.2	12.1
17	14.3	12.0	13.0	12.2	11.5	11.9	20.1	17.1	19.0	14.0	11.0	12.4
18	14.7	13.0	14.2	12.4	11.5	12.1	20.3	18.2	19.5	14.6	14.0	14.4
19	13.5	10.6	12.5	14.1	12.4	13.4	20.4	16.7	19.6	14.7	13.7	14.5
20	12.6	9.3	11.4	15.2	7.8	13.7	19.8	15.0	18.9	14.0	13.2	13.8
21	12.9	9.2	11.5	15.2	9.0	12.3	20.5	17.5	20.0	15.2	13.0	14.3
22	13.0	9.6	11.2	13.6	6.5	11.5	20.4	17.6	19.6	16.0	14.4	15.5
23	13.0	6.5	9.5	12.9	10.9	12.1	19.4	15.1	17.8	16.3	15.1	16.0
24	14.4	10.6	13.2	12.6	8.0	10.5	20.2	15.7	19.2	15.8	12.3	14.6
25	13.7	5.1	8.9	11.6	8.9	10.3	20.4	15.0	18.5	16.6	14.2	15.5
26	8.5	4.0	5.4	14.0	10.4	12.1	18.8	10.9	13.3	18.4	11.4	16.7
27	11.8	5.1	7.3	15.1	10.7	13.2	15.7	12.6	14.5	18.7	18.1	18.5
28	12.1	7.5	10.5	14.2	10.7	11.1	17.9	14.1	15.8	18.6	14.2	18.2
29	12.7	10.3	12.0	14.8	10.9	12.4	19.3	15.9	17.9	18.8	14.1	15.7
30	12.6	11.1	12.2	15.2	10.2	11.8	19.0	16.9	18.1	15.5	13.8	14.8
31	---	---	---	16.2	9.5	10.9	18.6	16.9	17.8	---	---	---
MONTH	15.3	4.0	11.4	16.2	3.1	11.3	22.0	7.9	16.3	18.9	8.2	14.0

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11--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
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.2	6.9	7.4	8.0	7.7	7.8	8.2	7.8	8.0	7.6	6.7	7.1
2	8.0	7.2	7.6	7.9	7.7	7.8	8.1	7.9	8.0	7.2	6.8	7.0
3	7.5	7.0	7.2	8.0	7.8	7.9	7.9	7.7	7.8	8.4	6.8	7.7
4	8.8	7.1	7.7	8.0	7.8	7.9	7.8	7.6	7.7	8.4	8.2	8.3
5	7.6	6.9	7.1	7.9	7.6	7.7	7.8	7.5	7.7	8.3	8.2	8.3
6	7.1	6.7	6.9	7.8	7.6	7.7	7.6	7.2	7.4	8.4	8.2	8.3
7	7.8	7.0	7.2	8.1	7.6	7.9	7.5	7.2	7.4	8.3	8.1	8.3
8	7.3	6.9	7.1	8.2	7.6	8.0	7.8	7.4	7.6	8.4	8.2	8.3
9	7.5	7.1	7.3	8.2	7.3	7.7	7.8	7.6	7.7	8.2	7.6	8.0
10	7.9	7.2	7.5	7.4	7.1	7.3	7.7	7.3	7.5	7.9	7.5	7.7
11	8.7	7.4	7.9	7.5	7.2	7.3	7.6	7.2	7.3	8.0	7.7	7.9
12	8.3	7.4	8.0	7.8	7.4	7.6	7.7	7.3	7.5	8.0	7.8	7.9
13	8.6	7.4	8.0	8.1	7.6	7.8	7.6	7.4	7.5	7.9	7.8	7.9
14	8.8	7.3	8.1	8.1	7.7	7.9	7.7	7.4	7.5	8.1	7.8	8.0
15	8.8	8.1	8.5	7.8	7.3	7.6	7.7	7.4	7.6	8.3	7.8	8.1
16	8.8	7.8	8.4	8.3	7.6	7.9	8.0	7.5	7.7	8.3	8.0	8.2
17	8.7	7.9	8.3	8.0	7.6	7.8	---	---	---	8.4	8.2	8.3
18	8.5	7.8	8.2	8.5	7.7	7.9	---	---	---	8.4	8.3	8.4
19	8.2	7.4	7.8	8.0	7.6	7.8	8.7	7.5	8.1	8.4	8.2	8.3
20	8.5	7.1	7.7	8.0	7.5	7.7	8.1	7.6	7.9	8.3	7.8	8.2
21	8.6	7.3	7.9	7.9	7.7	7.7	8.3	7.8	8.1	8.1	7.5	7.9
22	8.4	7.7	7.9	7.8	7.6	7.7	8.2	7.5	7.9	8.2	8.0	8.1
23	7.8	7.5	7.6	7.9	7.6	7.8	7.8	7.6	7.7	8.2	8.1	8.1
24	7.8	7.4	7.6	8.0	7.8	7.9	8.5	7.7	8.0	8.5	8.0	8.3
25	8.0	7.3	7.7	8.0	7.7	7.9	7.9	7.6	7.7	8.5	8.1	8.2
26	8.0	7.7	7.8	8.0	7.7	7.9	7.8	7.3	7.7	8.3	8.0	8.2
27	7.8	7.6	7.7	8.0	7.8	7.9	7.5	7.1	7.3	8.2	8.0	8.1
28	8.1	7.6	7.8	8.3	7.9	8.0	7.5	7.0	7.3	8.4	8.2	8.3
29	7.9	7.7	7.8	8.2	7.9	8.0	7.5	7.3	7.4	8.4	8.3	8.4
30	8.0	7.8	7.9	8.0	7.6	7.8	---	---	---	8.4	8.2	8.3
31	7.9	7.7	7.8	---	---	---	7.3	6.8	7.0	8.2	8.2	8.2
MONTH	8.8	6.7	7.7	8.5	7.1	7.8	---	---	---	8.5	6.7	8.1

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

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11--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	7.5	7.7	7.9	6.9	7.1	8.5	8.0	8.3	8.4	7.4	7.8
2	8.0	7.3	7.6	7.6	6.9	7.2	8.6	8.2	8.4	8.6	8.1	8.2
3	8.2	7.2	7.7	8.1	7.2	7.6	8.6	8.1	8.3	8.7	8.0	8.3
4	8.4	7.9	8.1	8.1	7.3	7.6	8.7	7.9	8.4	8.5	8.2	8.4
5	8.5	7.2	7.9	7.9	7.1	7.4	9.0	8.2	8.5	8.7	8.1	8.4
6	8.2	7.2	7.8	8.5	7.2	7.8	8.7	8.3	8.5	8.5	8.1	8.3
7	8.2	7.3	7.7	8.7	7.8	8.3	8.7	7.3	8.3	8.6	8.1	8.3
8	8.4	7.6	8.0	8.5	8.0	8.3	8.6	7.2	8.0	8.5	8.2	8.4
9	8.5	7.6	8.0	9.1	8.1	8.6	8.6	7.2	8.0	8.6	8.2	8.4
10	8.9	7.7	8.3	8.9	8.3	8.7	8.5	7.4	8.0	8.7	7.8	8.3
11	8.6	7.5	8.1	9.0	7.6	8.5	8.4	7.4	8.1	8.6	7.7	8.4
12	8.1	6.9	7.5	8.5	7.7	8.2	8.3	7.4	7.9	8.8	8.3	8.5
13	7.6	6.9	7.3	8.2	7.8	8.0	8.4	7.6	8.1	8.7	8.4	8.5
14	7.8	7.2	7.4	8.4	7.6	8.0	8.6	7.5	8.2	8.5	8.3	8.4
15	7.7	7.2	7.5	8.8	8.0	8.4	8.3	7.8	8.1	8.3	8.2	8.3
16	8.5	7.4	7.8	8.8	8.0	8.4	8.7	7.8	8.2	8.2	8.0	8.1
17	8.4	7.6	7.9	8.7	7.5	8.1	8.7	8.2	8.5	8.4	8.0	8.1
18	8.8	7.3	8.0	8.4	7.0	7.8	8.5	7.6	8.2	8.5	8.0	8.3
19	8.4	7.8	8.1	8.1	7.0	7.6	8.4	7.8	8.1	8.6	8.0	8.3
20	8.4	7.2	8.1	7.8	7.4	7.5	8.4	7.2	7.9	8.6	8.2	8.4
21	8.4	7.2	7.6	8.2	7.3	7.7	8.9	7.5	8.1	8.5	7.9	8.3
22	8.4	7.0	7.8	8.3	7.6	8.0	8.9	8.2	8.6	8.6	7.9	8.4
23	8.2	7.5	7.9	8.5	7.6	8.1	8.8	7.8	8.4	8.6	7.8	8.2
24	8.4	7.6	8.0	8.3	7.6	8.0	8.0	7.1	7.5	8.3	8.0	8.2
25	8.8	7.5	8.2	8.1	7.6	7.8	7.8	7.1	7.3	8.3	8.1	8.2
26	8.6	8.2	8.4	8.0	7.3	7.7	8.2	7.2	7.7	8.2	7.9	8.1
27	8.7	7.6	8.1	7.8	7.1	7.5	8.3	7.3	7.6	8.5	8.0	8.3
28	8.6	7.1	7.7	8.3	7.4	7.8	8.2	7.0	7.6	8.4	7.6	8.2
29	8.6	7.1	7.6	8.3	7.7	7.9	7.9	7.1	7.3	8.0	7.7	7.8
30	8.2	6.9	7.4	7.9	7.4	7.7	8.1	7.2	7.6	7.9	7.7	7.8
31	---	---	---	8.3	7.6	7.9	8.1	7.6	7.9	---	---	---
MONTH	8.9	6.9	7.8	9.1	6.9	7.9	9.0	7.0	8.1	8.8	7.4	8.3

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

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11--Continued

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
		FEBRUARY			MARCH			APRIL			MAY	
1	8.6	8.5	8.5	7.9	7.5	7.7	7.5	7.1	7.3	7.8	6.8	7.3
2	8.6	8.2	8.4	7.9	7.1	7.5	7.4	7.1	7.3	7.1	6.7	6.9
3	8.5	8.1	8.3	7.4	7.0	7.1	7.4	7.0	7.2	6.9	6.6	6.7
4	8.5	8.0	8.4	7.1	6.9	7.0	7.1	6.9	7.0	6.7	6.6	6.7
5	8.5	8.4	8.5	7.4	6.9	7.2	8.0	6.9	7.4	6.7	6.6	6.6
6	8.5	8.3	8.4	7.4	7.3	7.3	8.0	6.9	7.6	7.9	6.6	7.0
7	8.3	7.9	8.1	7.4	7.2	7.3	7.3	6.7	6.9	7.5	6.9	7.2
8	8.5	7.7	8.1	7.5	7.1	7.3	7.1	6.9	7.0	7.4	6.8	7.1
9	8.2	7.6	7.9	7.3	7.2	7.3	7.1	6.9	6.9	7.5	6.6	7.1
10	8.2	7.4	7.7	8.0	7.2	7.4	6.9	6.8	6.9	7.1	6.7	6.8
11	8.2	8.1	8.2	7.7	7.2	7.4	7.2	6.8	6.9	7.0	6.6	6.8
12	8.1	7.9	8.1	7.6	7.2	7.3	7.5	6.7	6.9	7.3	6.6	6.8
13	8.1	7.9	8.0	7.6	7.1	7.5	7.0	6.7	6.8	7.5	6.7	7.2
14	8.0	7.3	7.6	8.0	7.5	7.7	6.8	6.7	6.8	7.6	6.7	7.1
15	7.8	7.3	7.5	8.0	7.2	7.5	6.9	6.7	6.8	7.4	6.8	7.1
16	7.5	7.3	7.4	8.3	7.2	7.8	7.5	6.8	7.1	8.0	6.7	7.2
17	7.6	7.3	7.4	8.2	6.9	7.4	7.5	6.9	7.3	7.7	7.0	7.4
18	7.7	7.4	7.5	8.4	6.9	7.7	7.5	7.3	7.5	7.6	7.0	7.3
19	7.6	7.3	7.5	8.5	7.4	8.2	7.9	7.2	7.4	7.2	6.9	7.0
20	7.7	7.2	7.4	8.4	7.7	8.1	7.6	7.0	7.1	7.1	6.8	6.9
21	7.9	7.3	7.5	---	---	---	7.8	6.9	7.2	7.2	6.7	6.9
22	7.9	7.6	7.8	7.9	7.3	7.6	7.8	6.8	7.3	7.3	6.5	7.0
23	7.7	7.3	7.5	---	---	---	7.9	6.9	7.4	7.6	6.6	7.1
24	8.0	7.3	7.5	---	---	---	7.8	6.8	7.0	7.4	6.6	6.8
25	7.9	7.2	7.5	---	---	---	7.7	6.8	7.4	7.1	6.5	6.6
26	7.9	7.2	7.6	---	---	---	7.7	7.3	7.5	7.8	6.5	6.9
27	8.1	7.3	7.8	---	---	---	7.6	6.7	7.0	6.9	6.5	6.6
28	8.1	7.2	7.8	8.2	7.5	7.7	8.0	6.7	7.0	6.9	6.5	6.6
29	---	---	---	8.2	7.3	7.6	8.0	7.6	7.8	6.8	6.7	6.7
30	---	---	---	7.5	7.0	7.3	8.0	6.8	7.5	6.8	6.7	6.8
31	---	---	---	7.5	7.3	7.4	---	---	---	8.1	6.7	7.4
MONTH	8.6	7.2	7.9	---	---	---	8.0	6.7	7.2	8.1	6.5	7.0

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

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11--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	21.4	20.9	21.1	16.4	15.9	16.2	10.2	9.2	9.6	3.8	2.3	3.0
2	22.3	20.7	21.3	16.2	15.6	15.9	9.5	8.7	9.0	3.3	2.7	3.0
3	22.5	20.7	21.5	16.6	15.3	15.9	8.7	7.4	8.1	3.5	2.4	2.8
4	23.6	20.6	21.6	17.1	15.3	16.2	7.4	6.1	6.7	2.9	2.1	2.6
5	24.3	20.7	22.6	16.5	15.8	16.2	6.9	5.8	6.3	3.6	1.0	2.4
6	24.8	22.7	23.6	16.4	15.3	15.9	6.6	5.7	6.1	3.5	2.3	2.9
7	24.6	22.1	23.0	16.1	14.8	15.4	7.3	5.7	6.4	4.1	2.8	3.5
8	22.2	18.9	20.6	17.9	15.4	16.2	8.2	6.2	7.0	5.0	3.6	4.0
9	19.2	17.3	18.2	17.6	16.4	16.9	7.6	6.7	7.2	4.6	4.2	4.4
10	17.7	16.6	17.2	17.8	17.0	17.4	7.8	7.2	7.5	4.4	3.5	3.9
11	19.3	16.6	17.5	17.0	15.9	16.4	8.2	7.2	7.6	4.7	2.8	4.0
12	18.2	15.3	17.0	15.9	15.0	15.4	9.0	7.6	8.5	5.6	4.4	4.9
13	20.4	16.6	17.9	16.0	14.3	15.2	8.5	7.8	8.1	5.9	4.8	5.3
14	20.3	16.5	18.0	15.5	14.8	15.2	10.7	8.0	9.5	6.7	5.4	5.9
15	21.0	17.3	18.7	14.9	13.6	14.4	10.5	9.5	10.0	9.7	5.4	7.2
16	19.9	17.9	18.8	13.7	12.7	13.3	10.4	9.7	10.0	8.6	6.3	7.5
17	19.2	18.6	18.9	14.1	13.3	13.8	---	---	---	8.4	7.7	8.0
18	20.1	19.0	19.5	13.6	12.7	13.1	11.6	10.0	10.5	8.8	8.1	8.3
19	20.5	19.2	19.7	12.7	11.9	12.2	10.2	8.9	9.5	9.7	8.4	8.9
20	21.2	18.6	19.7	11.9	10.9	11.5	9.2	7.6	8.6	11.0	9.6	10.2
21	22.1	18.8	20.1	11.0	10.2	10.7	8.1	6.6	7.3	9.7	8.4	8.8
22	21.5	19.1	19.8	10.2	9.1	9.7	7.9	6.2	7.2	9.0	7.6	8.1
23	20.0	19.4	19.6	9.7	8.7	9.0	7.2	5.8	6.4	7.7	7.0	7.4
24	20.2	18.6	19.3	8.9	8.3	8.7	6.5	4.9	5.5	7.6	6.6	7.1
25	19.8	18.5	19.2	9.2	8.0	8.7	5.3	4.2	4.9	7.2	6.5	6.9
26	19.3	18.7	18.9	9.9	8.8	9.6	4.4	3.4	3.9	6.5	5.7	6.1
27	19.0	18.5	18.8	10.1	9.3	9.7	4.1	3.1	3.5	6.6	5.6	6.1
28	19.7	18.4	18.9	12.1	9.6	10.3	4.2	3.5	3.7	8.0	5.6	6.3
29	19.1	17.6	18.4	10.8	9.6	10.1	4.3	3.3	3.7	7.7	6.4	7.0
30	17.6	16.8	17.4	10.1	9.3	9.9	4.1	2.8	3.8	8.2	7.1	7.6
31	16.9	16.4	16.6	---	---	---	3.7	3.0	3.2	8.7	8.0	8.3
MONTH	24.8	15.3	19.5	17.9	8.0	13.3	---	---	---	11.0	1.0	5.9

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.5	8.5	9.3	12.8	11.4	12.1	14.5	13.5	14.1	21.9	18.1	19.7
2	9.9	9.1	9.6	13.7	11.9	12.6	13.8	12.4	13.2	23.1	19.9	20.9
3	9.2	8.2	8.7	13.6	12.6	13.0	13.6	13.0	13.2	24.5	20.3	21.8
4	8.4	7.8	8.2	12.8	12.3	12.5	14.0	13.2	13.6	25.5	21.5	22.7
5	8.8	8.0	8.3	---	---	---	14.1	12.9	13.5	26.2	19.7	22.9
6	9.8	7.7	8.5	---	---	---	15.4	13.4	14.3	22.6	20.5	21.6
7	9.4	7.7	8.5	---	---	---	18.4	15.1	16.1	20.5	18.7	19.4
8	11.2	8.3	9.2	9.6	8.0	8.6	18.9	16.6	18.1	21.0	19.2	19.9
9	10.9	9.0	10.1	9.4	8.4	9.0	20.8	14.9	17.8	22.0	19.4	20.5
10	---	---	---	9.2	8.3	8.8	21.5	18.5	19.4	23.2	20.6	21.7
11	10.9	10.1	10.5	10.8	8.9	9.5	21.1	18.6	20.0	23.8	21.0	22.1
12	10.1	9.4	9.7	11.2	9.9	10.8	21.7	19.6	20.7	22.7	20.7	21.7
13	9.9	9.5	9.7	12.9	10.7	11.9	21.9	20.7	21.2	22.9	21.0	21.9
14	10.8	9.7	10.1	13.4	12.0	12.7	22.6	20.6	21.4	22.4	21.1	21.9
15	11.9	9.8	10.8	13.7	12.9	13.2	21.4	20.0	20.5	22.1	21.0	21.5
16	---	---	---	14.3	13.0	13.6	20.0	17.8	18.8	22.5	20.7	21.3
17	---	---	---	15.6	13.7	14.5	18.7	16.4	17.7	21.0	20.0	20.4
18	12.0	10.5	11.1	15.0	13.1	13.8	16.4	14.8	15.6	22.8	19.7	20.6
19	10.9	9.3	10.2	13.3	12.3	12.8	17.4	14.1	15.5	23.4	20.4	21.9
20	11.3	9.4	10.3	12.4	11.6	12.0	16.6	15.2	15.9	24.7	22.0	23.0
21	13.5	10.9	11.9	---	---	---	17.2	15.4	16.5	23.6	22.8	23.2
22	12.2	10.1	10.9	---	---	---	19.9	16.8	17.5	24.6	23.1	23.8
23	10.6	9.3	10.0	---	---	---	20.0	16.8	18.1	24.3	23.3	23.7
24	10.9	9.7	10.4	---	---	---	20.1	17.5	18.8	27.5	23.0	24.3
25	12.1	10.3	11.1	---	---	---	19.7	17.5	18.5	25.8	24.6	25.2
26	13.6	12.0	12.7	---	---	---	17.5	16.9	17.2	25.7	24.6	25.1
27	13.6	12.0	12.8	---	---	---	19.1	15.9	17.1	25.4	24.4	24.8
28	12.9	11.5	12.4	11.7	10.6	11.3	19.3	16.1	17.5	24.5	23.9	24.1
29	---	---	---	12.2	11.1	11.5	18.4	17.4	17.9	23.9	23.2	23.5
30	---	---	---	14.3	12.2	13.3	20.4	17.4	18.5	25.0	23.1	23.9
31	---	---	---	15.7	13.8	14.5	---	---	---	24.2	23.2	23.6
MONTH	---	---	---	---	---	---	22.6	12.4	17.3	27.5	18.1	22.3

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11--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
		JUNE			JULY			AUGUST			SEPTEMBER	
1	23.9	22.9	23.5	29.0	26.2	27.1	26.6	25.2	26.0	27.3	26.3	26.8
2	25.1	23.4	24.0	27.7	26.2	26.9	27.1	25.2	26.2	27.9	26.5	26.9
3	25.5	23.4	24.5	27.2	25.4	26.6	27.3	25.6	26.5	27.2	26.3	26.7
4	26.7	24.7	25.6	28.4	26.4	27.2	28.3	26.0	26.9	26.7	25.8	26.4
5	28.0	25.1	26.0	27.6	26.6	27.1	29.0	26.5	27.7	27.3	25.6	26.4
6	27.9	25.7	26.8	28.3	26.2	27.0	29.8	27.5	28.7	27.0	25.4	26.2
7	27.6	26.2	26.9	27.4	26.0	26.8	31.3	28.1	29.3	28.4	25.4	26.4
8	27.0	26.1	26.4	26.4	25.8	26.2	31.7	27.8	29.3	27.2	25.9	26.5
9	28.3	25.5	26.2	28.9	25.7	26.9	31.1	28.5	29.2	27.1	26.3	26.6
10	29.0	26.3	27.0	29.7	26.9	28.3	31.0	28.7	29.8	28.7	26.5	27.3
11	28.1	26.5	27.4	30.5	27.7	28.6	30.5	29.0	29.8	27.9	27.2	27.5
12	28.5	25.6	27.0	29.3	27.6	28.2	30.8	28.4	29.4	27.5	26.4	26.9
13	27.8	26.0	26.9	28.0	26.5	27.2	30.9	28.6	29.5	26.9	25.8	26.1
14	26.6	26.2	26.3	27.5	25.9	26.6	29.0	28.1	28.5	26.1	25.2	25.6
15	26.2	25.9	26.1	29.0	25.9	27.0	29.2	27.4	28.2	25.3	23.6	24.3
16	28.7	25.0	26.1	29.5	26.0	27.0	29.6	27.5	28.2	23.6	22.6	23.1
17	26.5	25.9	26.1	28.5	25.6	26.5	31.4	27.2	28.6	23.4	22.0	22.4
18	27.4	25.5	26.4	28.8	25.9	26.7	30.4	28.4	29.1	23.8	22.4	23.0
19	27.6	25.8	26.7	27.9	26.1	26.9	29.4	27.5	28.4	23.8	22.7	23.3
20	28.5	26.8	27.4	27.3	26.3	26.8	28.6	27.2	27.8	24.6	23.0	23.9
21	28.8	27.0	27.9	27.8	25.6	26.4	29.0	26.7	27.6	24.7	23.8	24.3
22	29.1	26.8	28.0	27.6	25.5	26.6	28.9	27.4	27.9	26.9	24.4	25.0
23	28.2	27.2	27.8	27.8	26.2	27.0	31.4	27.1	28.5	26.5	24.5	25.2
24	27.7	26.8	27.3	27.9	26.8	27.3	28.5	27.0	27.6	26.3	25.3	25.9
25	28.2	26.3	27.1	28.7	27.1	27.8	27.4	26.0	26.9	25.8	24.5	25.2
26	28.4	26.8	27.4	28.2	27.5	27.9	27.8	25.8	26.8	24.5	22.9	23.4
27	31.2	26.9	28.0	27.5	26.5	27.0	28.5	26.4	27.0	23.3	21.5	22.4
28	30.1	27.1	28.1	26.5	26.0	26.3	28.4	26.7	27.3	23.1	21.4	22.2
29	30.5	27.3	28.3	26.7	25.5	26.1	27.6	27.0	27.3	22.0	21.1	21.6
30	30.1	26.4	28.1	26.2	25.5	25.8	27.4	26.5	27.2	21.2	20.2	20.6
31	---	---	---	26.8	24.9	25.8	27.9	26.1	27.2	---	---	---
MONTH	31.2	22.9	26.7	30.5	24.9	27.0	31.7	25.2	28.0	28.7	20.2	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
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	21.6	20.9	21.2	16.5	16.0	16.2	10.1	9.2	9.6	3.8	2.8	3.1
2	22.0	20.7	21.1	16.1	15.6	15.9	10.1	8.7	9.1	3.4	2.8	3.1
3	21.7	21.0	21.5	16.1	15.4	15.7	8.7	7.4	8.1	4.5	2.3	3.0
4	21.8	20.8	21.4	16.2	15.8	16.0	7.4	6.7	7.0	4.3	3.5	4.0
5	21.8	21.2	21.6	16.4	15.8	16.2	7.8	7.1	7.3	4.3	3.8	4.1
6	21.8	21.6	21.7	16.5	15.7	16.0	7.6	7.2	7.4	4.4	3.5	4.2
7	22.0	21.6	21.7	16.5	16.3	16.4	7.8	7.3	7.6	4.4	4.2	4.3
8	22.0	19.1	20.7	16.4	16.2	16.3	8.2	7.4	7.9	4.5	4.1	4.3
9	19.4	17.9	18.8	16.6	16.4	16.5	8.2	6.8	7.7	4.5	4.2	4.4
10	18.5	17.3	17.7	17.6	16.6	17.1	8.4	7.7	8.0	4.3	3.5	4.0
11	18.4	16.5	17.0	17.1	15.9	16.4	8.3	7.8	8.1	4.0	3.5	3.7
12	17.6	16.8	17.1	16.2	15.3	15.6	8.9	7.8	8.4	4.8	3.5	3.8
13	18.1	17.2	17.6	16.4	15.7	16.1	8.7	7.9	8.2	5.9	4.8	5.1
14	18.8	18.1	18.5	16.3	15.0	15.8	10.0	8.1	9.1	5.4	4.7	5.0
15	18.7	18.2	18.5	15.0	14.3	14.6	10.2	9.5	9.9	5.6	5.1	5.3
16	18.5	18.4	18.4	15.6	14.6	15.1	10.3	9.6	9.8	5.5	5.3	5.4
17	18.5	18.3	18.4	15.7	13.9	15.0	11.9	10.2	11.1	5.6	5.2	5.4
18	18.7	18.3	18.4	15.3	12.8	13.5	10.7	10.0	10.2	5.9	5.4	5.6
19	18.9	18.3	18.5	14.8	11.9	12.5	10.3	9.3	9.8	9.3	5.6	6.9
20	19.5	18.6	19.0	13.0	11.5	12.0	9.3	7.7	8.6	10.3	8.4	9.2
21	19.6	18.7	19.0	12.4	10.2	11.0	8.1	6.9	7.3	9.6	8.3	8.7
22	20.2	18.7	19.0	10.2	9.1	9.7	8.9	7.1	8.1	8.4	7.6	8.1
23	19.9	19.3	19.5	9.2	8.7	9.0	7.2	5.7	6.4	7.7	7.2	7.4
24	19.3	18.6	18.9	8.9	8.4	8.6	6.8	4.9	5.8	7.7	6.8	7.1
25	19.1	18.5	18.8	9.2	8.6	8.8	6.0	4.5	5.1	7.2	6.5	6.9
26	19.1	18.6	18.9	9.7	9.2	9.4	4.9	4.0	4.6	6.5	5.6	6.0
27	19.0	18.5	18.8	10.0	9.4	9.7	6.3	4.6	5.4	6.7	5.8	6.3
28	19.0	18.5	18.8	10.5	9.6	9.8	6.3	3.8	4.8	6.7	5.6	6.1
29	19.0	18.0	18.4	10.3	9.9	10.1	5.0	3.3	4.0	6.8	5.8	6.6
30	18.0	16.8	17.4	10.2	9.7	10.0	5.4	3.7	4.6	8.2	6.5	7.4
31	16.9	16.4	16.7	---	---	---	3.8	3.0	3.3	8.6	7.9	8.3
MONTH	22.0	16.4	19.1	17.6	8.4	13.5	11.9	3.0	7.5	10.3	2.3	5.6

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11--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	9.0	8.4	8.6	12.3	12.0	12.2	13.7	12.6	13.0	19.4	17.6	18.6
2	9.0	8.6	8.7	12.9	12.3	12.4	13.7	12.4	13.0	18.9	17.8	18.3
3	8.9	8.3	8.6	12.6	12.1	12.3	13.4	12.7	13.0	18.6	17.6	18.0
4	8.7	7.9	8.2	12.5	12.1	12.2	13.0	12.8	12.9	18.2	17.2	17.5
5	8.7	8.0	8.4	12.3	11.5	12.0	14.3	13.0	13.6	17.8	17.3	17.4
6	8.6	8.0	8.5	11.5	9.1	10.2	15.2	13.4	14.0	21.9	17.4	19.0
7	8.8	8.1	8.5	9.1	8.1	8.6	15.1	13.3	14.1	19.7	18.5	19.1
8	8.9	8.6	8.8	9.1	8.1	8.7	14.4	13.6	14.0	19.9	18.6	19.0
9	10.5	8.6	9.0	9.6	9.1	9.4	15.0	13.6	13.9	19.9	18.7	19.3
10	11.1	9.1	9.8	9.6	8.3	9.2	14.6	13.4	13.6	19.6	18.7	19.1
11	10.9	10.1	10.5	9.8	9.2	9.5	18.8	14.4	16.3	19.7	18.9	19.2
12	10.1	9.4	9.7	9.8	9.4	9.6	20.2	14.8	17.0	22.2	19.0	19.8
13	9.9	9.3	9.6	12.8	9.8	11.8	18.1	14.7	15.6	22.4	19.7	21.2
14	9.6	9.2	9.4	12.9	12.2	12.5	17.2	15.2	15.8	22.3	20.8	21.6
15	10.5	9.4	9.6	13.0	12.4	12.7	17.3	15.9	16.5	21.9	21.2	21.6
16	11.2	9.4	9.9	13.9	12.7	13.2	19.0	15.7	17.3	21.5	20.8	21.1
17	12.1	10.7	11.4	13.8	12.1	12.9	18.3	16.4	17.5	21.1	20.0	20.5
18	12.0	10.5	11.1	14.3	12.4	13.5	16.4	15.1	15.6	20.1	19.7	19.8
19	10.8	10.2	10.5	13.5	12.4	13.0	15.5	14.5	15.0	20.9	20.1	20.4
20	10.8	10.0	10.4	12.5	11.6	12.0	15.7	14.9	15.1	21.9	20.4	20.8
21	12.4	10.0	10.7	---	---	---	17.0	15.1	15.7	23.4	20.6	21.7
22	12.2	10.1	10.9	---	---	---	17.5	15.7	16.5	24.5	21.4	23.1
23	10.1	9.3	9.5	---	---	---	17.4	15.8	16.7	24.2	22.5	23.5
24	10.8	9.5	9.9	---	---	---	19.1	15.7	16.7	23.5	22.0	22.8
25	11.9	9.8	10.7	---	---	---	19.0	16.1	18.0	24.3	22.2	22.8
26	13.0	11.1	11.9	---	---	---	17.8	16.9	17.2	24.7	22.6	23.9
27	13.1	12.1	12.5	---	---	---	17.2	16.7	17.1	24.4	22.9	23.5
28	12.8	12.1	12.4	11.7	10.6	11.3	18.0	16.4	17.0	23.8	22.6	23.0
29	---	---	---	12.2	11.1	11.5	18.4	17.3	17.8	23.2	22.8	23.0
30	---	---	---	13.0	12.2	12.4	18.3	16.8	17.5	23.3	22.9	23.0
31	---	---	---	12.8	12.2	12.5	---	---	---	24.1	22.9	23.5
MONTH	13.1	7.9	9.9	---	---	---	20.2	12.4	15.6	24.7	17.2	20.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	23.9	22.8	23.4	27.1	26.0	26.4	26.4	25.7	26.0	27.1	27.0	27.0
2	24.4	23.4	23.6	27.6	26.4	27.0	26.6	25.6	26.2	27.0	26.8	26.9
3	23.7	23.3	23.4	27.2	26.1	26.6	26.8	26.2	26.6	27.0	26.1	26.6
4	24.1	23.4	23.6	27.4	26.2	26.8	26.6	26.4	26.5	26.8	26.2	26.6
5	24.5	23.4	23.8	27.3	26.5	26.8	26.7	26.1	26.4	26.6	26.3	26.5
6	24.6	23.7	24.1	27.7	26.4	26.9	27.4	26.2	26.6	27.1	25.4	26.3
7	24.9	24.0	24.4	27.0	26.1	26.5	26.7	26.1	26.4	26.6	25.5	26.0
8	24.9	24.6	24.7	26.8	26.0	26.5	27.1	26.1	26.4	27.0	25.9	26.4
9	24.9	24.6	24.7	26.0	25.9	26.0	26.7	25.9	26.2	26.9	26.1	26.5
10	25.6	24.6	25.0	26.3	25.8	26.0	26.9	26.0	26.3	26.6	26.3	26.5
11	25.4	24.6	24.9	26.4	25.9	26.1	26.7	26.1	26.4	27.6	26.4	27.1
12	24.9	24.3	24.6	28.0	26.2	26.9	26.9	26.3	26.5	27.5	26.7	27.1
13	26.2	24.4	24.8	27.9	26.6	27.2	26.8	26.4	26.6	27.2	25.7	26.4
14	26.6	25.4	26.3	27.2	25.8	26.1	27.1	26.6	26.8	26.5	25.2	25.8
15	26.2	25.8	26.0	27.2	26.3	26.4	27.6	27.0	27.2	25.2	23.5	24.3
16	25.8	25.4	25.6	26.4	26.2	26.3	27.9	27.2	27.6	23.6	22.7	23.0
17	25.5	25.4	25.5	26.4	26.1	26.2	27.6	27.1	27.3	23.3	22.0	22.6
18	25.8	25.5	25.6	26.3	26.1	26.2	27.7	27.0	27.2	23.4	23.0	23.2
19	26.0	25.5	25.7	26.2	26.0	26.1	27.9	27.0	27.3	23.4	23.1	23.2
20	26.2	25.5	25.7	26.3	26.1	26.2	28.0	27.1	27.3	23.8	23.3	23.4
21	26.3	25.2	25.6	27.5	25.6	26.3	27.6	27.0	27.3	24.0	23.4	23.6
22	26.5	25.0	25.7	27.2	25.5	26.6	27.8	27.2	27.5	23.8	23.4	23.5
23	27.0	25.4	26.2	26.7	26.4	26.5	27.8	27.3	27.6	23.7	23.4	23.5
24	25.8	25.0	25.3	27.8	26.3	26.9	27.7	27.0	27.2	25.6	23.5	24.1
25	27.7	25.2	26.2	28.5	26.7	27.5	28.1	27.1	27.5	24.5	23.5	23.7
26	28.1	26.4	27.0	27.7	26.6	27.1	28.1	26.0	26.9	24.0	23.4	23.7
27	28.0	26.1	27.1	27.1	26.6	26.8	28.0	27.2	27.5	23.7	23.6	23.6
28	27.1	25.9	26.6	26.7	26.0	26.3	27.3	26.9	27.0	23.7	22.8	23.6
29	27.1	26.3	26.7	26.5	26.1	26.3	27.3	26.9	27.1	23.5	21.3	22.1
30	27.0	26.1	26.6	26.6	25.8	26.1	27.2	27.1	27.1	21.3	20.3	20.7
31	---	---	---	26.8	25.2	25.8	27.2	27.0	27.1	---	---	---
MONTH	28.1	22.8	25.3	28.5	25.2	26.5	28.1	25.6	26.9	27.6	20.3	24.8

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11--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	8.0	7.6	7.8	9.4	8.5	8.9	11.9	10.2	10.9	13.9	12.7	13.2
2	9.5	7.6	8.3	9.3	8.7	9.0	11.1	10.1	10.7	13.8	13.3	13.5
3	8.8	7.6	8.1	9.4	8.8	9.1	10.2	10.0	10.1	---	---	---
4	12.9	7.0	8.9	9.8	8.9	9.3	11.1	10.1	10.6	---	---	---
5	9.7	6.6	7.7	9.6	8.4	8.8	11.6	10.8	11.1	---	---	---
6	8.1	6.5	7.2	9.4	8.2	8.7	11.2	10.7	11.0	---	---	---
7	9.2	7.2	7.9	10.5	8.4	9.6	11.3	10.7	11.0	---	---	---
8	7.9	6.6	7.2	10.6	8.4	9.8	11.9	11.0	11.4	---	---	---
9	9.0	7.4	8.2	10.5	7.4	9.0	11.9	11.3	11.6	---	---	---
10	10.2	8.1	9.0	8.3	6.0	7.5	11.4	10.7	11.1	---	---	---
11	13.1	8.8	10.4	8.7	7.7	8.2	11.5	10.6	10.9	---	---	---
12	11.6	9.3	10.8	9.7	8.4	8.9	11.5	10.7	11.0	---	---	---
13	12.6	9.7	11.0	10.6	9.0	9.7	11.2	10.6	10.9	---	---	---
14	13.7	9.7	11.5	10.6	9.0	9.7	11.4	10.6	11.0	---	---	---
15	13.2	11.0	11.8	9.6	8.3	9.1	11.6	10.6	11.1	---	---	---
16	13.4	9.9	11.6	11.2	8.9	9.8	13.0	10.8	11.4	---	---	---
17	12.1	10.0	11.0	10.0	7.9	8.7	---	---	---	---	---	---
18	11.2	9.8	10.4	12.0	8.1	9.0	14.2	9.4	10.5	---	---	---
19	10.3	8.4	9.3	9.3	8.4	8.8	13.9	10.5	11.8	---	---	---
20	---	---	---	10.1	7.9	8.8	11.5	10.2	10.7	---	---	---
21	---	---	---	10.0	9.1	9.4	13.0	10.5	11.5	---	---	---
22	---	---	---	10.2	9.1	9.6	12.5	10.9	11.7	---	---	---
23	---	---	---	10.6	9.5	10.1	11.8	10.5	11.1	---	---	---
24	---	---	---	11.2	10.0	10.5	13.8	11.4	12.4	---	---	---
25	---	---	---	10.9	10.2	10.5	12.8	11.7	12.0	---	---	---
26	8.3	7.5	7.9	10.7	10.1	10.3	12.9	11.8	12.3	---	---	---
27	7.9	7.5	7.7	10.9	10.1	10.4	12.9	12.2	12.5	---	---	---
28	9.0	7.4	8.1	13.0	10.0	10.8	12.8	12.3	12.5	---	---	---
29	8.5	7.8	8.2	12.0	10.5	11.1	12.9	12.4	12.6	---	---	---
30	9.0	8.2	8.5	10.8	9.4	10.0	13.0	12.4	12.7	---	---	---
31	9.0	8.3	8.6	---	---	---	14.1	12.7	13.0	---	---	---
MONTH	---	---	---	13.0	6.0	9.4	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	12.2	10.8	11.5	9.8	9.1	9.4	11.2	9.0	10.4
2	---	---	---	12.9	10.1	11.8	9.7	8.9	9.3	12.7	9.2	10.9
3	---	---	---	12.9	11.8	12.3	10.2	9.4	9.8	12.4	10.2	11.1
4	---	---	---	12.3	10.9	11.7	10.1	9.0	9.6	12.8	9.7	11.0
5	---	---	---	---	---	---	10.8	9.6	10.2	11.9	4.0	9.7
6	---	---	---	---	---	---	11.0	9.6	10.4	8.9	7.8	8.3
7	---	---	---	---	---	---	10.9	9.3	9.7	8.2	6.7	7.3
8	---	---	---	14.4	10.9	12.0	9.8	8.0	9.3	8.8	6.7	7.6
9	13.1	12.0	12.7	13.3	11.3	12.3	9.9	6.1	8.5	8.6	7.0	7.7
10	---	---	---	13.0	10.9	11.9	9.5	8.1	8.7	9.4	7.3	8.3
11	11.5	11.1	11.3	13.6	11.9	12.6	9.2	8.1	8.6	8.5	7.1	8.0
12	11.9	10.9	11.4	12.9	11.1	12.1	9.1	8.0	8.6	7.5	6.0	7.1
13	11.3	10.9	11.1	11.9	8.3	9.3	8.5	7.2	7.8	8.0	6.5	7.3
14	11.9	10.5	11.0	11.4	9.2	10.1	9.7	7.0	8.3	8.2	7.2	7.7
15	11.1	10.2	10.6	11.2	9.1	9.9	8.9	7.8	8.3	8.3	7.2	7.8
16	---	---	---	11.5	9.0	10.0	9.3	5.8	8.0	10.5	7.4	8.3
17	---	---	---	13.1	9.4	11.0	8.6	7.9	8.2	8.2	7.3	7.8
18	10.8	9.7	10.3	11.3	9.3	10.0	8.9	7.7	8.4	9.8	6.9	8.2
19	11.9	10.5	11.1	11.2	9.4	10.2	12.4	8.5	9.7	9.3	7.4	8.4
20	12.4	10.7	11.7	10.0	7.8	9.0	11.6	9.1	10.2	10.1	7.5	8.4
21	12.3	10.5	11.4	---	---	---	11.1	9.1	10.1	8.3	6.5	7.0
22	11.6	10.8	11.0	---	---	---	11.9	8.9	10.0	7.9	6.8	7.3
23	12.0	10.6	11.3	---	---	---	10.7	8.6	9.2	8.1	6.4	7.2
24	12.6	11.4	12.0	---	---	---	9.6	7.4	8.7	12.1	6.7	8.8
25	12.2	11.2	11.8	---	---	---	8.3	7.0	7.6	9.8	7.6	8.7
26	12.0	10.9	11.4	---	---	---	8.3	6.7	7.7	8.7	7.2	7.9
27	12.7	11.2	11.8	---	---	---	10.1	7.8	8.8	7.8	6.6	7.3
28	12.3	11.0	11.6	11.3	10.2	10.7	11.1	6.9	9.1	7.0	5.7	6.4
29	---	---	---	10.8	10.1	10.3	9.4	8.7	8.9	9.1	6.0	7.0
30	---	---	---	10.1	9.0	9.4	11.1	9.0	9.7	9.4	7.3	8.4
31	---	---	---	9.8	9.2	9.5	---	---	---	8.7	6.5	7.7
MONTH	---	---	---	---	---	---	12.4	5.8	9.0	12.8	4.0	8.2

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11--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
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.1	6.9	7.6	7.4	2.1	3.9	9.4	7.8	8.6	9.5	4.1	6.4
2	8.8	6.8	7.5	6.3	2.6	4.5	9.2	7.6	8.5	10.5	7.0	8.0
3	9.0	6.6	7.8	10.7	4.9	7.4	9.5	7.2	8.1	11.4	6.6	8.5
4	9.6	7.7	8.7	9.0	5.3	7.3	11.2	7.1	8.7	10.4	7.8	8.8
5	11.0	6.5	8.4	8.0	4.3	6.0	12.8	7.4	9.6	11.8	7.3	9.0
6	8.8	5.7	7.5	10.9	4.2	6.8	10.5	6.2	8.5	9.7	7.5	8.4
7	8.9	5.8	7.4	11.1	6.6	8.6	9.2	4.4	6.8	11.2	6.8	8.1
8	10.3	6.4	7.8	9.3	7.2	8.3	9.4	4.1	6.7	9.7	7.2	8.2
9	10.5	7.1	8.5	13.0	7.6	9.5	9.2	4.7	6.8	9.3	6.6	7.9
10	14.2	7.3	9.7	10.9	5.4	9.6	9.2	5.1	6.9	10.0	4.3	6.7
11	10.4	6.4	8.4	10.8	4.8	8.3	8.1	4.9	7.0	8.5	3.2	7.3
12	8.4	3.4	6.0	8.2	5.6	7.0	---	---	---	10.0	7.1	8.2
13	7.0	3.6	5.7	6.6	5.0	5.7	---	---	---	9.3	7.6	8.3
14	7.4	5.3	6.2	8.2	5.3	6.6	---	---	---	8.8	7.1	8.1
15	7.2	5.3	6.3	10.8	6.9	8.3	---	---	---	7.6	6.6	7.1
16	9.8	6.1	7.6	10.8	7.3	8.9	12.0	7.3	8.8	7.7	6.8	7.2
17	9.3	6.7	7.5	9.8	5.8	7.8	11.2	8.0	9.5	9.4	7.2	8.0
18	10.5	6.7	8.1	9.3	3.3	6.6	9.9	5.3	7.9	10.9	7.4	9.1
19	11.4	7.5	9.2	7.6	3.7	5.7	8.9	5.9	7.4	11.8	7.0	9.4
20	10.8	8.1	9.6	6.2	4.9	5.5	9.0	1.5	6.5	10.6	7.9	9.1
21	10.3	7.7	8.7	7.6	4.8	5.9	12.0	5.6	7.9	10.2	7.8	8.9
22	10.3	6.2	7.9	8.0	5.8	6.7	11.2	8.0	9.3	12.0	6.4	9.6
23	8.1	6.1	7.2	8.9	5.7	7.1	11.2	6.2	9.3	11.5	6.3	8.2
24	8.9	6.6	7.6	7.5	5.8	6.6	8.6	5.1	7.3	9.0	7.3	8.1
25	9.8	6.9	8.1	7.2	5.2	6.1	8.2	6.4	7.1	7.8	6.7	7.3
26	9.3	7.4	8.2	7.1	4.9	6.2	8.8	5.4	7.2	7.7	6.2	6.9
27	11.1	7.1	8.4	7.0	3.8	5.5	10.2	6.5	7.7	10.2	6.3	8.3
28	10.6	6.6	8.2	9.1	5.5	6.6	9.0	3.8	6.7	8.9	5.3	7.9
29	10.6	4.2	7.4	8.7	5.8	7.0	7.5	4.0	5.5	6.8	5.6	6.1
30	8.3	2.1	5.4	7.8	5.2	6.4	8.6	5.1	6.2	6.8	5.9	6.4
31	---	---	---	9.4	6.4	7.8	7.8	5.1	6.4	---	---	---
MONTH	14.2	2.1	7.8	13.0	2.1	6.9	---	---	---	12.0	3.2	8.0

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
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.9	7.7	8.5	9.2	8.5	8.8	10.6	9.0	10.0	---	---	---
2	10.1	8.4	8.9	9.2	8.5	8.9	11.1	8.2	10.5	---	---	---
3	9.3	4.1	7.0	9.1	8.3	8.7	10.5	10.1	10.3	---	---	---
4	8.4	3.1	5.1	8.6	7.0	7.7	10.8	10.0	10.4	---	---	---
5	4.9	1.8	3.2	9.0	7.0	8.4	10.6	9.5	10.1	---	---	---
6	4.3	1.4	2.3	8.5	6.3	7.9	10.0	9.2	9.6	---	---	---
7	5.9	1.6	2.5	7.0	6.1	6.6	9.9	8.9	9.3	---	---	---
8	8.0	2.1	7.0	7.3	6.2	6.8	9.9	8.5	9.1	---	---	---
9	9.0	6.4	8.1	7.1	5.4	6.1	11.5	8.2	10.4	---	---	---
10	10.0	5.8	8.5	8.1	3.7	6.0	10.7	7.0	9.1	---	---	---
11	---	---	---	8.9	7.3	8.1	10.5	7.3	9.0	---	---	---
12	---	---	---	9.5	7.4	8.8	11.0	8.0	9.3	11.5	9.0	9.8
13	---	---	---	8.9	7.0	8.0	10.9	6.7	9.9	11.6	10.5	11.2
14	---	---	---	9.4	6.7	8.1	10.8	6.9	9.0	10.6	7.8	9.3
15	---	---	---	9.4	7.0	8.5	11.4	8.9	10.8	10.0	9.3	9.7
16	---	---	---	8.0	4.5	6.8	11.1	10.4	10.7	10.3	7.9	9.6
17	---	---	---	9.2	2.5	6.3	10.9	7.3	9.3	10.1	7.3	9.2
18	---	---	---	9.4	2.2	7.3	10.7	8.2	8.9	10.9	9.0	9.9
19	---	---	---	9.7	2.4	8.8	---	---	---	11.4	7.6	9.7
20	---	---	---	9.2	6.1	8.1	---	---	---	10.3	7.8	9.1
21	---	---	---	10.0	7.3	9.3	---	---	---	9.6	8.4	8.9
22	---	---	---	10.4	9.4	9.9	---	---	---	10.1	8.9	9.6
23	---	---	---	11.2	9.5	10.3	---	---	---	10.1	9.3	9.8
24	---	---	---	11.6	10.2	10.8	---	---	---	9.4	7.7	9.0
25	---	---	---	11.1	10.3	10.8	---	---	---	10.1	8.5	9.4
26	7.8	5.5	7.3	10.9	9.8	10.7	---	---	---	9.8	8.7	9.2
27	7.8	7.2	7.5	11.1	9.7	10.3	---	---	---	10.0	8.6	9.3
28	8.0	6.2	6.9	12.0	8.4	10.6	---	---	---	10.1	8.9	9.5
29	8.4	7.7	8.0	11.1	8.1	9.6	---	---	---	9.8	8.5	8.9
30	8.7	7.9	8.3	10.5	9.3	10.0	---	---	---	10.0	8.7	9.5
31	8.8	8.1	8.5	---	---	---	---	---	---	9.4	8.8	9.1
MONTH	---	---	---	12.0	2.2	8.6	---	---	---	---	---	---

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11--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	9.2	8.6	8.8	10.5	9.2	10.0	8.1	6.8	7.5	9.3	5.2	7.6
2	9.2	7.4	8.2	11.0	7.9	9.5	8.7	7.7	8.1	6.8	2.8	4.9
3	8.8	6.8	7.9	9.2	7.0	7.9	8.7	5.1	7.0	5.8	.7	2.6
4	8.9	6.7	8.3	8.1	6.2	6.9	6.0	4.4	5.2	2.9	.2	.9
5	8.8	7.9	8.5	9.4	6.1	8.1	10.0	4.5	7.9	1.5	.0	.5
6	8.5	7.8	8.1	10.0	9.3	9.6	10.0	6.1	8.8	8.4	.4	3.8
7	7.9	6.1	7.0	10.6	9.7	10.2	8.8	2.0	5.1	8.0	4.6	6.5
8	11.8	7.0	9.3	10.9	8.3	9.6	6.2	2.9	4.7	7.3	3.2	5.8
9	11.8	9.4	10.6	9.3	7.9	8.7	5.9	2.5	3.5	7.4	.9	5.1
10	11.1	8.3	9.6	11.1	7.1	8.5	2.9	1.9	2.2	5.8	1.1	3.7
11	11.2	10.8	11.0	9.6	7.4	8.2	6.5	1.6	3.4	5.0	1.1	2.4
12	10.9	10.2	10.7	9.4	7.1	7.9	7.8	.8	3.4	6.9	1.0	2.8
13	10.9	10.3	10.7	10.0	7.7	9.0	5.2	.7	1.7	7.5	2.0	5.7
14	10.8	8.2	9.5	10.3	8.0	9.3	1.8	.9	1.2	7.8	1.7	5.5
15	10.2	8.8	9.4	10.1	7.0	8.3	2.1	.9	1.4	7.2	2.1	5.4
16	9.7	8.7	9.1	10.8	6.3	8.8	7.7	.8	4.0	8.7	2.1	6.1
17	10.0	8.9	9.5	10.2	3.6	6.2	7.3	1.5	5.6	8.2	5.0	7.1
18	10.6	9.5	10.0	10.7	3.2	7.9	7.4	6.3	6.9	7.8	5.1	6.7
19	10.4	8.6	9.7	10.6	5.6	9.5	8.5	5.9	6.9	6.5	4.2	5.4
20	10.8	8.3	9.4	10.1	8.0	9.1	8.0	4.5	5.3	5.4	3.1	4.2
21	11.1	8.5	9.6	---	---	---	8.2	3.4	5.9	6.4	1.8	3.9
22	11.1	10.0	10.6	---	---	---	8.4	2.8	6.5	7.2	1.9	5.5
23	11.0	9.5	10.1	---	---	---	8.9	1.5	6.4	7.7	3.1	6.3
24	11.7	9.0	9.8	---	---	---	8.6	.8	2.8	7.3	.6	3.7
25	11.2	8.2	9.7	---	---	---	7.8	.7	6.0	5.6	.2	1.8
26	11.2	8.6	10.0	---	---	---	8.2	6.1	7.4	7.4	.1	3.6
27	11.6	8.8	10.6	---	---	---	8.0	2.5	5.2	4.5	.2	2.0
28	11.3	8.4	10.4	10.2	8.7	9.3	9.7	2.8	5.3	4.3	.2	1.0
29	---	---	---	10.2	8.9	9.3	9.7	8.8	9.3	1.5	.2	.3
30	---	---	---	8.9	8.0	8.5	9.8	4.8	8.4	1.6	.3	.4
31	---	---	---	8.3	7.1	7.6	---	---	---	7.8	.3	4.7
MONTH	11.8	6.1	9.5	---	---	---	10.0	.7	5.4	9.3	.0	4.1

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

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11--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	91	85	88	96	87	91	106	89	96	104	94	98
2	110	85	94	95	87	91	97	87	93	104	99	101
3	101	86	92	96	89	92	87	84	86	---	---	---
4	152	78	101	101	90	95	91	84	87	---	---	---
5	115	75	89	98	85	90	95	86	90	---	---	---
6	99	76	85	94	83	88	92	86	89	---	---	---
7	109	84	92	105	85	96	94	86	90	---	---	---
8	92	72	81	110	85	100	99	89	94	---	---	---
9	96	80	87	110	77	93	99	94	96	---	---	---
10	106	84	94	87	62	79	95	89	92	---	---	---
11	140	91	109	88	79	84	98	88	91	---	---	---
12	122	93	112	98	85	90	100	91	95	---	---	---
13	135	100	116	107	89	97	96	90	92	---	---	---
14	147	100	121	105	90	97	102	91	96	---	---	---
15	145	116	127	94	81	89	103	93	98	---	---	---
16	147	105	125	108	84	94	117	95	101	---	---	---
17	131	107	118	96	77	84	---	---	---	---	---	---
18	121	107	114	115	78	86	131	84	94	---	---	---
19	115	91	102	88	78	83	122	93	103	---	---	---
20	---	---	---	93	73	81	98	87	92	---	---	---
21	---	---	---	90	82	85	106	87	96	---	---	---
22	---	---	---	89	80	85	103	91	97	---	---	---
23	---	---	---	92	82	87	95	86	90	---	---	---
24	---	---	---	97	86	90	112	90	98	---	---	---
25	---	---	---	94	88	90	100	91	94	---	---	---
26	90	81	85	94	88	91	99	90	94	---	---	---
27	85	81	83	97	88	92	98	91	95	---	---	---
28	99	79	88	119	88	97	97	93	95	---	---	---
29	91	83	87	108	93	99	99	93	96	---	---	---
30	94	86	89	95	83	89	99	93	96	---	---	---
31	93	85	89	---	---	---	106	94	97	---	---	---
MONTH	---	---	---	119	62	90	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	115	100	107	96	87	92	127	96	114
2	---	---	---	125	94	111	93	83	89	147	101	122
3	---	---	---	124	112	117	97	90	93	143	113	127
4	---	---	---	116	103	110	98	87	93	154	110	128
5	---	---	---	---	---	---	105	91	98	145	44	114
6	---	---	---	---	---	---	110	96	102	103	86	95
7	---	---	---	---	---	---	116	94	99	90	72	79
8	---	---	---	124	93	103	105	82	99	98	73	84
9	115	108	112	117	98	107	111	62	89	98	76	86
10	---	---	---	114	93	102	108	88	95	109	81	95
11	104	99	101	121	103	111	103	88	95	101	81	91
12	105	96	100	117	100	109	102	91	96	88	68	81
13	100	95	98	108	76	86	97	81	88	92	74	83
14	107	93	98	110	86	96	112	78	94	94	81	88
15	100	90	96	107	87	94	101	86	92	94	82	88
16	---	---	---	113	86	97	100	61	86	121	83	93
17	---	---	---	131	91	108	93	82	86	91	81	87
18	99	89	94	112	90	96	89	77	85	113	76	92
19	107	93	99	107	88	96	125	84	97	110	84	97
20	112	97	105	94	73	84	118	92	104	118	86	98
21	114	96	106	---	---	---	115	92	103	98	76	82
22	107	96	100	---	---	---	126	94	105	94	80	87
23	108	93	100	---	---	---	114	88	98	97	76	85
24	114	102	108	---	---	---	107	79	94	146	79	106
25	110	104	107	---	---	---	91	74	82	121	92	106
26	115	102	107	---	---	---	87	70	81	106	87	96
27	122	104	112	---	---	---	106	80	92	95	79	89
28	116	103	109	104	93	98	118	70	96	84	68	77
29	---	---	---	99	93	95	100	92	94	108	71	83
30	---	---	---	95	85	90	124	95	104	114	86	100
31	---	---	---	99	89	94	---	---	---	104	77	91
MONTH	---	---	---	---	---	---	126	61	94	154	44	95

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11--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
		JUNE			JULY			AUGUST			SEPTEMBER	
1	95	82	90	96	27	50	117	96	106	120	51	81
2	106	80	89	80	32	56	116	94	105	134	89	101
3	110	78	94	135	61	92	118	89	102	144	82	106
4	120	94	107	115	67	92	142	88	109	130	96	110
5	139	79	104	101	53	76	166	94	123	150	91	113
6	111	71	94	140	52	86	138	81	111	121	92	105
7	113	72	93	140	82	108	124	56	90	144	84	101
8	128	80	98	116	89	103	126	53	88	122	90	102
9	135	87	106	167	93	119	123	62	89	117	82	98
10	178	91	122	142	69	124	125	66	91	130	54	85
11	134	81	106	142	62	108	108	64	93	108	41	92
12	108	42	76	107	71	90	---	---	---	127	89	104
13	90	45	72	85	64	73	---	---	---	116	95	103
14	93	66	77	105	65	82	---	---	---	109	87	99
15	90	66	79	141	87	105	---	---	---	92	79	85
16	124	75	94	135	92	112	155	94	114	90	79	84
17	115	83	93	126	72	97	145	101	123	110	83	92
18	133	82	102	121	41	82	133	69	103	128	87	106
19	146	92	115	97	45	72	116	76	95	140	82	110
20	136	103	122	78	62	69	116	19	84	128	94	109
21	133	97	111	97	59	73	154	70	101	123	94	106
22	134	80	101	102	71	84	146	101	119	148	77	117
23	104	77	92	114	71	89	152	80	121	143	76	100
24	114	84	96	96	73	83	110	65	93	110	91	100
25	125	86	102	93	66	78	103	80	89	96	82	89
26	120	93	104	91	63	79	112	68	90	91	73	82
27	150	90	108	88	48	69	132	82	97	120	74	96
28	137	85	105	113	68	83	117	49	85	104	62	91
29	138	54	95	108	72	87	95	51	69	78	64	70
30	110	27	70	96	65	79	108	65	78	76	66	71
31	---	---	---	117	78	97	99	64	81	---	---	---
MONTH	178	27	97	167	27	87	---	---	---	150	41	97

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
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	100	87	96	93	86	89	93	80	88	---	---	---
2	116	94	101	94	86	90	96	71	92	---	---	---
3	106	46	80	92	84	88	90	85	87	---	---	---
4	94	35	58	88	71	78	89	83	86	---	---	---
5	55	21	37	92	72	85	88	80	84	---	---	---
6	49	15	27	87	64	80	83	77	80	---	---	---
7	68	19	29	72	63	67	82	75	78	---	---	---
8	90	24	78	74	63	69	83	72	77	---	---	---
9	98	69	87	73	56	63	97	69	87	---	---	---
10	104	62	89	84	38	62	90	60	77	---	---	---
11	---	---	---	91	75	83	88	62	77	---	---	---
12	---	---	---	96	74	88	95	68	80	90	69	74
13	---	---	---	90	72	82	93	57	84	92	83	89
14	---	---	---	94	68	82	96	60	78	84	61	73
15	---	---	---	94	69	83	101	78	95	80	74	77
16	---	---	---	78	45	68	100	92	94	82	63	76
17	---	---	---	89	25	63	98	65	85	80	58	73
18	---	---	---	90	22	70	96	73	79	87	71	79
19	---	---	---	91	24	83	---	---	---	97	62	80
20	---	---	---	85	58	76	---	---	---	90	66	79
21	---	---	---	90	67	84	---	---	---	83	72	77
22	---	---	---	91	82	87	---	---	---	86	76	81
23	---	---	---	97	82	89	---	---	---	84	78	81
24	---	---	---	100	88	93	---	---	---	78	65	74
25	---	---	---	95	88	93	---	---	---	84	70	78
26	84	59	78	96	86	93	---	---	---	80	71	74
27	84	77	80	98	85	91	---	---	---	81	69	75
28	86	67	74	108	75	93	---	---	---	81	73	77
29	89	82	85	98	73	85	---	---	---	79	70	73
30	91	83	86	94	83	88	---	---	---	83	72	79
31	91	84	88	---	---	---	---	---	---	80	74	78
MONTH	---	---	---	108	22	82	---	---	---	---	---	---

0209262905 NEUSE RIVER AT CHANNEL LIGHT 11--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	80	74	76	98	86	94	78	64	71	100	55	81
2	79	64	71	105	74	89	84	72	77	73	29	52
3	76	59	68	87	66	74	83	49	66	61	7	28
4	76	57	70	76	57	64	57	42	49	30	2	9
5	76	67	73	87	57	75	98	43	76	16	0	5
6	73	66	70	87	84	85	97	59	85	96	4	42
7	68	53	60	91	83	87	87	19	50	88	49	71
8	102	60	80	93	72	83	61	28	46	80	35	63
9	102	81	92	81	69	76	59	24	34	82	10	55
10	101	72	85	95	62	74	28	18	21	63	12	40
11	101	96	98	85	65	72	69	16	35	55	12	26
12	96	90	94	83	62	70	86	8	36	79	11	31
13	97	90	94	90	68	84	56	7	18	87	22	65
14	95	72	83	97	75	87	19	9	12	90	19	63
15	91	77	83	96	65	79	22	9	14	82	24	62
16	88	76	81	104	60	85	83	8	43	98	24	69
17	93	81	87	99	34	60	77	16	58	91	56	79
18	96	87	91	103	30	76	74	63	70	86	56	74
19	93	77	87	101	53	90	86	59	68	73	47	60
20	95	75	84	95	74	84	81	45	53	61	35	47
21	105	77	86	---	---	---	85	34	59	75	20	45
22	103	90	96	---	---	---	88	28	67	87	22	65
23	97	83	89	---	---	---	93	16	66	91	36	74
24	106	79	87	---	---	---	93	8	29	86	7	43
25	103	73	87	---	---	---	84	7	64	67	2	21
26	105	78	93	---	---	---	85	64	77	89	1	44
27	109	82	100	---	---	---	83	26	53	53	3	24
28	107	78	97	93	79	85	102	29	56	51	2	11
29	---	---	---	93	82	85	102	92	98	18	2	4
30	---	---	---	83	75	79	105	51	88	19	4	5
31	---	---	---	77	67	72	---	---	---	92	4	56
MONTH	109	53	84	---	---	---	105	7	55	100	0	46

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	82	30	72	41	0	5	96	55	80	2	1	1
2	73	25	49	76	0	34	86	29	64	7	1	2
3	46	13	20	91	29	56	67	28	47	91	3	51
4	23	1	9	82	20	58	50	10	31	86	9	41
5	18	0	5	102	30	59	31	4	14	51	4	18
6	31	1	10	125	42	74	26	1	5	123	4	85
7	9	0	2	101	50	76	1	1	1	111	61	94
8	13	1	5	76	45	60	1	1	1	114	86	101
9	2	0	1	67	30	49	1	1	1	106	85	95
10	16	0	2	63	24	37	1	1	1	93	5	58
11	1	0	1	28	4	12	1	1	1	98	5	72
12	3	0	1	73	5	33	1	1	1	96	49	78
13	39	0	2	74	57	66	1	1	1	96	42	68
14	83	3	60	78	50	60	1	1	1	111	39	89
15	73	27	56	73	7	19	2	0	1	94	79	87
16	70	11	28	40	8	18	12	0	1	89	78	85
17	24	7	14	22	9	11	2	0	0	87	62	79
18	18	5	12	11	1	5	1	0	0	71	62	67
19	20	0	5	2	1	1	0	0	0	67	53	57
20	9	0	3	68	2	10	3	0	0	55	28	44
21	8	2	2	95	2	49	1	0	0	67	18	32
22	15	3	4	95	7	61	0	0	0	46	6	17
23	39	3	11	64	3	21	6	0	1	16	1	3
24	5	4	4	96	3	37	1	0	1	59	1	13
25	123	4	42	92	9	48	47	0	6	10	1	2
26	113	40	91	36	0	6	82	2	49	76	2	15
27	108	15	69	77	0	23	42	2	11	10	3	6
28	66	0	15	82	9	68	9	2	2	58	1	4
29	13	0	2	74	2	28	3	3	3	72	1	53
30	8	0	1	84	1	54	3	0	2	81	61	70
31	---	---	---	107	3	67	2	0	1	---	---	---
MONTH	123	0	20	125	0	39	96	0	11	123	1	50