

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1998 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: March 1998 to current year.

pH: March 1998 to current year.

WATER TEMPERATURE: March 1998 to current year.

DISSOLVED OXYGEN: March 1998 to current year.

DISSOLVED OXYGEN, PERCENT SATURATION: March 1998 to current year.

INSTRUMENTATION.-- Water-quality monitor with satellite telemetry from March 1998 to current year.

REMARKS.--Station operated in cooperation with U.S. Fish and Wildlife Service to define water-quality characteristics in the Roanoke River Basin below Roanoke Rapids Dam. Dissolved oxygen, percent saturation, is computed using a barometric pressure of 760 mm Hg beginning October 1, 2000.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	213, November 2, 2000	63, March 27, 1998
pH, standard units	8.1, March 29, 30, 2000, June 30, 2002, August 24, 26, 2002	6.1, September 16, 1999
WATER TEMPERATURE, °C	30.9, July 22, 1998	2.3, January 4, 2001
DISSOLVED OXYGEN, mg/L	16.1, January 13, 1999	4.0, June 27, 2001
DISSOLVED OXYGEN, PERCENT SATURATION, %	132, January 13, 14, 1999	47, June 27, 2001

EXTREMES FOR CURRENT YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	197, April 18	111, April 1
pH, standard units	8.1, June 30, August 24, 26	6.6, November 9, 10
WATER TEMPERATURE, °C	30.0, July 31, August 24	4.5, January 3
DISSOLVED OXYGEN, mg/L	12.2, January 9, 10	4.5, July 5
DISSOLVED OXYGEN, PERCENT SATURATION, %	105, November 29	57, July 5

ROANOKE RIVER BASIN

0208062765 ROANOKE RIVER AT HALIFAX, NC--Continued

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM AT 25 DEG C.), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN												
													OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	134	131	133	144	141	142	147	141	144	141	139	140												
2	134	124	130	145	142	144	144	141	143	140	138	140												
3	131	115	123	145	141	143	142	139	141	139	137	138												
4	139	119	129	143	140	142	145	136	141	143	137	141												
5	144	118	133	142	140	141	146	143	145	145	141	143												
6	145	141	144	142	140	141	147	144	146	142	136	139												
7	142	139	141	144	140	142	146	142	144	139	136	138												
8	140	137	138	145	142	144	144	141	143	140	137	139												
9	139	117	131	146	143	145	142	139	141	141	138	140												
10	138	117	131	148	144	146	139	137	138	146	141	144												
11	147	125	140	145	142	144	141	134	138	145	141	144												
12	147	144	146	142	141	142	153	141	141	143	139	142												
13	146	142	145	145	140	143	144	142	143	139	138	139												
14	143	139	142	147	143	145	144	140	142	138	137	137												
15	139	137	138	151	144	148	142	139	141	145	138	141												
16	137	116	121	148	145	147	142	139	140	144	141	143												
17	141	131	139	150	146	148	141	138	139	143	141	141												
18	139	127	133	148	143	146	144	139	142	145	142	144												
19	143	120	134	144	141	143	146	142	144	145	131	141												
20	141	119	132	146	143	145	145	141	143	131	124	127												
21	140	137	138	147	145	146	144	141	143	135	127	132												
22	140	136	138	148	145	147	144	141	143	143	135	140												
23	142	138	140	147	143	145	142	139	140	143	139	141												
24	144	141	142	145	142	143	139	138	139	142	140	141												
25	145	143	144	146	142	144	139	137	138	144	141	143												
26	146	143	145	143	141	142	139	137	138	142	139	140												
27	146	144	145	147	142	144	140	137	138	140	139	139												
28	146	141	144	150	145	148	139	138	138	142	139	140												
29	141	128	139	149	146	147	141	139	140	144	140	142												
30	141	125	135	149	143	146	140	139	140	148	143	146												
31	143	139	141	---	---	---	141	138	140	148	146	148												
MONTH	147	115	137	151	140	144	153	134	141	148	124	140												

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN												
													FEBRUARY			MARCH			APRIL			MAY		
1	150	147	149	158	154	156	144	111	117	169	165	167												
2	149	146	148	156	150	154	143	115	129	172	157	166												
3	148	145	147	151	147	149	152	143	150	169	157	163												
4	145	144	145	149	147	148	154	151	152	165	161	162												
5	150	144	147	154	148	151	156	152	154	163	160	161												
6	152	149	151	158	154	156	156	153	155	162	158	160												
7	151	146	147	158	155	157	155	153	154	164	159	162												
8	146	145	145	158	155	157	155	152	154	165	160	163												
9	146	144	145	155	153	154	156	151	154	169	163	165												
10	144	143	144	154	152	153	153	151	152	168	165	166												
11	145	143	144	153	151	152	156	152	154	167	158	164												
12	149	143	146	155	152	153	158	155	156	160	155	157												
13	154	149	152	156	153	155	158	153	155	158	155	156												
14	154	150	152	157	154	156	157	151	152	159	153	156												
15	151	148	149	157	154	155	153	150	151	161	157	159												
16	150	148	149	155	153	154	155	148	151	161	155	158												
17	148	147	148	153	151	152	161	152	155	160	157	158												
18	149	147	148	151	145	147	197	153	163	159	152	158												
19	154	148	152	151	144	148	---	---	---	160	157	158												
20	157	154	156	155	150	153	---	---	---	160	156	158												
21	158	154	156	157	155	156	---	---	---	159	154	157												
22	156	152	154	157	152	155	---	---	---	158	155	156												
23	153	151	152	156	153	155	167	163	165	160	155	157												
24	151	149	150	155	153	154	170	164	167	160	156	159												
25	150	149	149	156	153	154	169	165	168	160	157	159												
26	151	149	150	155	152	154	171	167	170	160	157	159												
27	153	151	152	153	152	152	168	164	167	160	156	158												
28	156	153	154	153	149	152	166	164	165	162	156	159												
29	---	---	---	155	153	153	164	160	162	164	158	162												
30	---	---	---	157	154	155	167	158	162	165	161	163												
31	---	---	---	156	144	154	---	---	---	166	163	165												
MONTH	158	143	149	158	144	153	---	---	---	172	152	160												

ROANOKE RIVER BASIN

0208062765 ROANOKE RIVER AT HALIFAX, NC--Continued

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM AT 25 DEG C.), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN												
													JUNE			JULY			AUGUST			SEPTEMBER		
													1	166	162	164	162	157	160	169	161	164	164	161
2	166	161	163	163	147	154	166	161	163	166	163	165												
3	162	159	160	164	144	153	167	163	165	165	164	164												
4	165	159	162	158	147	152	166	161	164	167	163	165												
5	163	159	162	158	146	151	166	160	164	167	165	166												
6	162	158	160	158	146	152	168	162	165	167	164	165												
7	161	152	157	159	155	157	166	163	164	166	164	165												
8	161	157	158	159	153	156	167	156	163	166	164	164												
9	162	156	159	158	146	151	166	163	165	165	163	164												
10	161	155	158	160	147	153	163	158	160	167	163	165												
11	160	156	158	159	146	152	164	159	161	166	162	165												
12	162	157	160	159	148	154	163	159	161	169	162	166												
13	163	158	160	159	148	153	163	158	160	169	166	167												
14	162	159	160	161	158	160	166	160	164	168	163	166												
15	163	158	161	162	157	159	167	165	166	166	163	165												
16	166	159	162	160	148	153	169	161	165	165	156	160												
17	165	159	162	160	148	153	167	162	164	164	157	160												
18	163	158	160	161	148	154	164	159	162	167	163	165												
19	161	158	160	162	149	155	164	158	161	167	162	164												
20	160	154	157	161	149	155	168	160	163	165	162	163												
21	163	155	159	160	153	157	171	165	168	165	162	163												
22	162	157	159	162	156	159	172	167	170	165	162	163												
23	162	157	160	157	147	151	171	168	170	165	162	163												
24	162	158	160	157	145	150	171	164	168	168	164	166												
25	163	156	160	157	146	151	171	166	169	169	164	167												
26	164	160	162	157	146	151	169	166	168	168	167	168												
27	164	158	161	159	146	151	169	150	164	168	166	167												
28	163	158	160	161	156	158	165	156	163	167	165	166												
29	162	156	159	158	154	157	165	157	161	168	165	166												
30	162	156	160	162	146	153	166	158	163	168	163	165												
31	---	---	---	162	159	160	161	154	157	---	---	---												
MONTH	166	152	160	164	144	154	172	150	164	169	156	165												

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

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

ROANOKE RIVER BASIN

0208062765 ROANOKE RIVER AT HALIFAX, NC--Continued

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

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

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

ROANOKE RIVER BASIN

0208062765 ROANOKE RIVER AT HALIFAX, NC--Continued

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

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	21.1	20.2	20.6	16.6	16.1	16.4	15.7	15.2	15.4	8.2	7.0	7.8
2	21.4	20.1	20.6	17.2	16.6	17.0	15.6	14.9	15.4	7.0	6.2	6.7
3	21.3	20.5	20.9	17.4	16.9	17.2	15.0	13.9	14.4	6.2	4.5	5.3
4	21.3	20.7	21.0	17.5	16.1	17.1	14.6	14.0	14.3	6.1	4.8	5.5
5	21.9	21.1	21.5	16.1	15.1	15.7	14.6	14.2	14.4	5.8	5.5	5.7
6	21.8	20.5	21.2	15.6	15.0	15.4	14.7	14.3	14.5	5.9	5.1	5.5
7	20.7	19.8	20.3	15.6	14.8	15.2	15.2	14.5	14.9	5.3	5.0	5.2
8	20.0	19.0	19.6	15.7	15.2	15.5	15.5	15.1	15.3	5.4	4.8	5.2
9	19.8	18.4	19.2	15.7	14.9	15.4	15.2	13.6	14.6	5.3	4.8	5.1
10	19.7	19.2	19.4	15.0	14.5	14.8	13.6	13.1	13.2	6.2	5.3	5.8
11	20.3	19.5	19.8	15.3	14.8	15.1	13.4	13.3	13.3	6.7	6.2	6.5
12	20.1	19.5	19.8	14.9	13.8	14.4	13.6	13.4	13.5	6.2	5.7	5.9
13	20.5	19.6	20.0	14.0	13.6	13.8	14.1	13.6	13.8	6.4	5.8	6.1
14	20.5	19.8	20.2	14.5	13.8	14.2	14.9	14.1	14.6	6.1	5.6	5.8
15	20.6	19.6	20.3	14.4	14.0	14.2	14.9	13.5	14.3	6.9	6.1	6.5
16	20.4	19.3	19.7	14.6	14.1	14.3	13.5	12.5	13.0	6.6	6.0	6.3
17	19.7	18.4	19.1	14.7	14.3	14.5	13.3	12.5	12.8	6.6	6.1	6.4
18	18.8	17.6	18.2	14.6	13.9	14.3	14.1	13.0	13.8	7.3	6.6	7.0
19	18.6	17.4	18.0	14.4	13.8	14.1	13.0	12.0	12.4	6.8	5.9	6.3
20	19.3	18.5	18.9	14.8	13.8	14.4	12.4	11.3	12.1	6.4	5.7	6.0
21	19.4	18.7	19.1	13.8	12.7	13.2	11.3	10.5	11.0	6.6	6.1	6.3
22	20.1	19.2	19.7	13.0	12.6	12.8	10.7	10.1	10.5	6.9	6.1	6.5
23	19.9	19.2	19.6	13.4	12.9	13.1	10.9	10.1	10.4	7.3	6.7	7.1
24	20.2	19.2	19.9	14.0	13.4	13.8	12.0	10.8	11.5	8.8	7.3	8.0
25	20.5	19.8	20.3	14.7	14.0	14.4	10.8	9.8	10.1	9.0	7.9	8.7
26	20.1	18.4	19.3	15.1	14.7	14.9	10.3	9.2	10.0	7.9	7.1	7.5
27	18.4	16.5	17.6	15.0	14.8	14.9	9.2	8.6	8.9	8.1	7.3	7.7
28	16.5	15.5	16.2	15.7	14.9	15.2	8.9	8.6	8.7	9.6	8.1	9.1
29	16.3	15.5	15.8	15.4	15.0	15.1	9.3	8.7	9.0	9.9	9.4	9.7
30	16.2	15.7	16.0	15.5	15.2	15.4	9.1	7.8	8.5	11.1	9.8	10.6
31	16.6	15.9	16.3	---	---	---	8.0	7.7	7.9	11.4	10.8	11.2
MONTH	21.9	15.5	19.3	17.5	12.6	14.9	15.7	7.7	12.5	11.4	4.5	6.9
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.6	11.1	11.9	8.9	8.2	8.7	14.5	12.9	13.7	21.1	20.4	20.8
2	12.4	10.3	11.5	9.3	8.2	8.7	15.7	14.5	15.2	22.4	20.9	21.8
3	10.4	9.4	9.9	10.1	8.9	9.7	17.3	15.7	16.9	21.9	20.8	21.2
4	9.9	8.6	9.4	9.6	8.1	9.0	17.0	15.4	16.2	20.8	19.1	20.0
5	8.6	7.4	7.9	8.2	7.4	7.9	15.6	14.8	15.3	19.5	18.7	19.1
6	8.2	7.7	8.0	9.2	8.2	8.8	15.3	14.2	14.8	20.8	19.3	20.1
7	8.4	8.1	8.2	9.9	9.1	9.5	14.8	13.8	14.4	21.7	20.8	21.3
8	8.9	8.0	8.5	10.6	9.7	10.1	15.4	14.5	15.0	22.9	21.7	22.4
9	9.0	8.6	8.8	11.1	10.3	10.9	16.6	15.1	16.1	23.3	22.0	22.8
10	9.2	8.5	8.9	11.7	10.3	11.3	17.0	16.0	16.4	23.6	22.2	22.7
11	9.6	8.6	9.2	10.5	9.9	10.2	16.9	15.7	16.3	24.1	22.2	23.0
12	8.7	8.0	8.3	10.8	9.8	10.2	17.3	16.4	16.9	22.7	20.5	21.6
13	9.0	8.3	8.8	10.8	10.1	10.6	17.6	16.7	17.3	24.4	22.7	23.7
14	9.0	8.4	8.7	12.5	10.8	11.6	18.5	17.2	17.8	24.5	22.4	23.2
15	8.9	8.2	8.5	13.4	12.5	13.0	18.8	18.1	18.5	22.6	21.4	22.0
16	9.8	8.9	9.4	14.2	13.2	13.7	19.5	18.3	19.0	22.8	21.3	22.0
17	9.7	8.7	9.3	14.5	12.6	13.6	19.5	18.8	19.1	23.4	22.0	22.7
18	8.8	8.0	8.4	12.6	11.1	11.6	19.7	19.0	19.4	23.5	21.5	22.4
19	8.9	8.2	8.5	12.4	11.7	12.1	19.9	19.2	19.6	21.5	20.2	20.7
20	9.9	8.9	9.6	12.5	12.1	12.3	20.4	19.7	19.9	21.1	20.1	20.6
21	10.8	9.9	10.3	12.9	12.3	12.6	20.0	19.1	19.7	21.3	19.7	20.3
22	10.4	9.8	10.0	12.4	11.1	11.9	19.2	18.8	19.1	20.6	19.4	20.0
23	10.3	9.0	9.5	11.8	11.2	11.5	20.3	18.9	19.5	21.0	19.7	20.4
24	9.5	8.6	9.1	12.7	11.6	12.2	20.7	19.7	20.1	21.8	20.3	20.9
25	9.6	9.1	9.4	13.8	12.7	13.4	20.1	18.9	19.6	23.0	21.7	22.3
26	10.7	9.6	10.3	14.2	13.4	13.8	20.2	18.6	19.4	23.4	22.0	22.4
27	11.1	9.0	10.3	13.9	12.9	13.6	20.6	19.6	20.1	23.0	21.9	22.4
28	9.0	8.0	8.5	13.7	12.5	13.1	20.4	19.8	20.2	23.4	22.2	22.8
29	---	---	---	14.0	13.1	13.6	21.7	20.2	21.1	23.8	22.7	23.1
30	---	---	---	14.8	14.0	14.5	21.2	20.2	20.7	23.3	22.7	22.9
31	---	---	---	14.9	13.8	14.4	---	---	---	24.1	22.9	23.4
MONTH	12.6	7.4	9.3	14.9	7.4	11.6	21.7	12.9	17.9	24.5	18.7	21.8

ROANOKE RIVER BASIN

0208062765 ROANOKE RIVER AT HALIFAX, NC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	24.5	23.8	24.2	28.1	26.5	27.1	29.7	28.0	28.6	25.0	24.5	24.7
2	26.9	24.1	25.0	28.2	26.3	27.2	29.3	28.3	28.6	24.9	24.5	24.7
3	27.2	25.9	26.4	28.8	26.7	27.6	28.9	28.1	28.4	25.6	24.5	25.0
4	26.0	24.2	24.9	28.3	26.7	27.4	29.2	28.4	28.8	26.1	25.4	25.8
5	26.0	24.7	25.3	28.0	26.7	27.3	29.2	28.6	28.9	26.4	25.4	25.8
6	26.4	25.6	26.0	27.3	26.4	26.9	29.6	28.1	28.8	25.6	24.9	25.2
7	26.5	24.8	25.3	27.5	26.1	26.7	28.4	27.2	27.8	25.3	24.8	25.1
8	24.8	23.7	24.2	28.4	26.8	27.3	27.8	27.0	27.4	25.5	25.0	25.3
9	25.2	24.1	24.6	28.9	27.1	27.8	27.6	26.9	27.3	25.8	25.2	25.6
10	25.9	24.8	25.3	29.5	28.0	28.5	27.6	26.4	27.0	25.9	25.4	25.6
11	26.1	24.9	25.4	29.2	27.1	27.6	27.4	26.6	27.0	26.3	25.5	25.9
12	26.1	25.3	25.6	28.1	26.0	26.7	27.5	26.8	27.2	26.2	25.1	25.6
13	27.9	26.0	26.9	28.0	26.2	26.8	27.7	26.9	27.4	25.5	24.7	25.1
14	27.9	26.3	26.7	27.6	26.4	26.9	27.8	27.2	27.5	25.7	24.4	25.0
15	27.2	25.6	26.5	27.3	26.0	26.6	27.8	27.0	27.3	25.4	24.7	25.0
16	27.6	26.1	26.8	28.3	26.4	27.3	28.6	27.2	27.9	25.4	24.6	25.0
17	27.8	26.5	27.2	28.4	26.6	27.5	29.0	28.0	28.6	25.6	24.7	25.1
18	27.7	26.0	26.6	28.1	26.7	27.3	29.6	28.5	29.1	25.8	25.2	25.5
19	26.5	25.4	25.9	28.8	27.1	28.0	29.7	28.9	29.3	25.5	24.9	25.3
20	26.8	25.9	26.2	29.2	28.0	28.4	29.9	28.8	29.3	25.6	25.2	25.5
21	26.5	25.5	25.8	28.6	26.7	27.7	29.0	28.2	28.6	25.8	25.1	25.6
22	26.6	25.4	25.9	29.2	28.2	28.6	28.7	28.1	28.4	26.0	25.2	25.7
23	26.5	25.7	26.1	29.0	27.6	28.2	29.8	28.7	29.2	26.3	24.8	25.5
24	26.9	26.1	26.5	28.8	27.6	28.0	30.0	28.8	29.6	25.3	24.4	24.9
25	27.2	26.6	26.9	27.9	27.0	27.3	29.9	28.2	29.1	25.2	24.5	24.8
26	27.4	26.0	26.8	27.2	26.5	26.7	29.9	27.4	28.7	24.7	24.2	24.4
27	27.2	25.8	26.5	27.6	26.6	27.0	27.4	26.1	26.8	25.4	24.2	24.8
28	28.0	26.8	27.3	28.9	26.9	27.6	26.7	26.3	26.5	25.6	24.5	25.1
29	28.8	27.4	28.2	29.2	28.0	28.8	26.5	25.9	26.1	24.8	24.1	24.5
30	28.9	27.2	27.7	29.3	28.0	28.5	25.9	24.7	25.4	24.6	24.0	24.3
31	---	---	---	30.0	28.2	29.2	24.7	24.3	24.5	---	---	---
MONTH	28.9	23.7	26.1	30.0	26.0	27.6	30.0	24.3	27.9	26.4	24.0	25.2

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

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

ROANOKE RIVER BASIN

0208062765 ROANOKE RIVER AT HALIFAX, NC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	10.4	9.4	9.9	11.0	10.3	10.5	8.4	7.9	8.1	8.0	6.4	7.1
2	10.5	9.5	9.8	11.0	10.2	10.5	8.3	7.5	7.8	7.7	6.2	6.9
3	10.8	9.8	10.2	10.4	9.6	9.9	8.3	7.4	7.8	7.4	6.1	6.6
4	10.7	9.8	10.2	10.7	9.7	10.0	8.8	7.7	8.1	6.9	6.4	6.7
5	11.2	10.4	10.6	10.9	10.3	10.6	9.5	8.2	8.7	7.2	6.8	6.9
6	11.4	10.3	10.7	11.0	10.1	10.5	9.6	8.4	9.0	7.6	6.6	7.2
7	11.2	10.2	10.6	10.9	9.9	10.3	9.4	8.6	9.0	7.7	5.8	6.9
8	10.9	10.1	10.5	10.7	9.6	10.1	9.5	8.3	8.9	7.5	6.2	6.7
9	11.3	10.3	10.7	---	---	---	9.5	8.1	8.6	7.3	6.4	6.7
10	11.4	10.3	10.8	---	---	---	9.0	7.6	8.2	7.3	6.3	6.8
11	11.2	10.1	10.6	---	---	---	8.6	7.9	8.2	7.2	6.2	6.6
12	11.4	10.5	10.9	---	---	---	9.0	7.6	8.2	7.1	6.2	6.6
13	11.4	9.9	10.6	---	---	---	8.7	7.3	7.9	7.3	5.9	6.5
14	10.8	9.7	10.1	9.5	8.4	8.9	8.3	7.1	7.7	7.3	6.2	6.7
15	10.8	10.1	10.3	9.7	8.6	9.0	8.2	6.8	7.4	7.8	6.6	7.1
16	10.9	9.5	10.1	9.5	7.9	8.5	7.8	6.5	7.1	8.0	6.7	7.3
17	10.2	9.5	9.8	9.1	7.6	8.2	7.9	6.4	7.1	7.8	6.5	7.0
18	10.6	9.8	10.0	8.9	8.2	8.6	7.9	6.2	6.9	7.6	6.5	6.9
19	10.7	9.9	10.2	9.1	8.5	8.8	7.9	5.6	6.8	7.7	6.8	7.0
20	10.6	9.6	10.0	9.3	8.5	8.9	8.2	6.2	7.2	7.8	6.8	7.3
21	10.2	9.4	9.7	9.1	8.4	8.8	7.8	6.1	6.9	7.8	6.7	7.1
22	10.3	9.6	9.9	9.9	8.8	9.1	7.6	6.3	6.8	7.9	6.9	7.2
23	10.4	9.8	10.0	10.1	9.0	9.5	7.7	6.3	7.0	8.1	6.9	7.4
24	10.6	10.0	10.2	10.0	8.8	9.3	7.6	6.5	7.0	8.1	6.8	7.3
25	10.7	9.9	10.2	9.8	8.6	9.1	7.7	6.3	7.0	7.9	6.7	7.2
26	10.8	9.7	10.1	9.7	8.3	8.9	7.5	6.7	7.0	8.1	6.9	7.3
27	10.5	9.6	9.9	9.5	8.2	8.8	7.9	6.4	7.3	8.2	6.9	7.5
28	10.8	10.2	10.4	9.7	8.7	9.1	7.7	6.3	6.9	8.1	6.9	7.4
29	---	---	---	9.9	8.8	9.2	7.2	6.3	6.7	8.2	6.6	7.3
30	---	---	---	9.6	8.2	8.8	7.6	6.6	7.0	7.8	6.5	7.1
31	---	---	---	8.9	7.8	8.3	---	---	---	7.7	6.5	7.0
MONTH	11.4	9.4	10.2	---	---	---	9.6	5.6	7.6	8.2	5.8	7.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.7	6.2	6.8	6.7	5.2	5.9	7.2	5.7	6.3	6.4	5.8	6.0
2	7.6	6.0	6.6	6.4	4.9	5.4	7.1	5.7	6.2	6.6	6.0	6.2
3	7.4	6.0	6.5	6.0	4.8	5.2	6.9	5.5	6.1	7.0	6.0	6.4
4	7.5	6.0	6.6	5.9	4.7	5.0	6.8	5.5	6.0	7.1	6.1	6.5
5	7.5	6.0	6.5	6.0	4.5	5.0	6.7	5.2	5.9	7.3	6.0	6.5
6	7.3	5.8	6.3	6.2	4.9	5.1	6.7	5.4	5.9	7.2	6.1	6.5
7	6.8	4.9	5.6	6.3	5.2	5.6	6.9	5.6	6.1	7.2	6.0	6.5
8	6.7	5.5	5.9	6.4	5.2	5.7	7.0	5.5	6.1	7.1	5.9	6.4
9	6.8	5.4	6.1	6.3	5.2	5.5	6.8	5.4	6.0	7.1	6.1	6.5
10	6.9	5.4	6.0	6.1	5.2	5.5	6.9	5.5	6.0	7.2	6.0	6.4
11	6.9	5.5	6.1	6.4	5.2	5.5	7.1	5.4	6.1	7.1	6.0	6.4
12	6.9	5.5	6.0	6.7	5.4	5.8	7.1	5.6	6.2	7.2	6.2	6.6
13	6.7	5.1	5.8	6.5	5.6	5.8	7.2	5.8	6.3	7.3	6.2	6.6
14	6.1	4.8	5.3	6.7	5.7	6.1	7.4	5.8	6.4	7.3	5.9	6.5
15	6.0	4.9	5.4	6.7	5.7	6.2	7.2	5.7	6.3	6.9	6.0	6.3
16	6.0	4.8	5.3	6.9	5.6	6.0	7.2	5.4	6.1	7.0	6.0	6.5
17	5.9	4.6	5.1	6.8	5.6	5.9	7.1	5.5	6.2	7.7	6.3	6.6
18	5.8	4.7	5.2	6.7	5.4	5.8	7.1	5.7	6.2	7.9	6.6	7.1
19	6.0	4.7	5.2	6.7	5.4	5.7	7.0	5.6	6.1	7.9	6.6	7.1
20	6.3	5.0	5.6	6.4	5.4	5.7	6.9	5.7	6.1	8.0	6.4	7.1
21	6.4	5.0	5.6	6.8	5.6	6.0	7.2	5.5	6.2	7.8	6.3	7.0
22	6.1	5.2	5.6	7.5	6.1	6.6	7.2	5.4	6.2	7.7	6.4	6.9
23	6.3	5.0	5.6	7.2	6.1	6.4	7.2	5.3	6.1	7.7	6.2	6.8
24	6.7	5.0	5.6	6.8	5.7	6.0	7.0	5.4	6.0	7.3	6.3	6.7
25	7.0	5.6	6.2	6.7	5.3	5.6	6.9	5.4	6.0	7.6	6.3	6.8
26	7.1	5.7	6.3	6.9	5.4	5.8	6.8	5.1	5.7	7.3	5.8	6.3
27	6.8	5.5	6.0	6.8	5.5	5.8	5.9	5.1	5.5	6.7	5.9	6.1
28	6.7	5.5	6.1	7.2	5.9	6.5	5.9	5.2	5.4	6.8	5.9	6.3
29	6.9	5.6	6.1	7.5	5.9	6.6	6.0	5.2	5.5	7.1	6.1	6.5
30	6.7	5.5	6.0	7.0	5.6	6.0	6.2	5.5	5.8	7.3	6.1	6.6
31	---	---	---	7.3	6.0	6.5	6.1	5.6	5.8	---	---	---
MONTH	7.7	4.6	5.9	7.5	4.5	5.8	7.4	5.1	6.0	8.0	5.8	6.6

ROANOKE RIVER BASIN

0208062765 ROANOKE RIVER AT HALIFAX, NC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	92	80	84	103	92	97	94	87	89
2	---	---	---	91	79	84	102	93	96	94	88	90
3	---	---	---	90	81	84	103	92	96	92	86	88
4	---	---	---	92	80	84	102	94	97	93	88	90
5	85	75	79	90	80	84	---	---	---	95	90	92
6	88	74	79	92	81	85	---	---	---	95	89	91
7	85	76	78	92	82	85	---	---	---	91	88	89
8	89	79	83	92	81	85	---	---	---	93	90	91
9	92	78	84	92	81	85	---	---	---	96	92	93
10	89	77	82	91	82	86	---	---	---	97	92	94
11	92	79	85	93	81	85	---	---	---	97	91	93
12	92	79	85	93	84	87	---	---	---	96	92	94
13	93	79	85	93	84	88	---	---	---	98	91	94
14	92	78	84	94	85	88	---	---	---	97	93	94
15	90	75	81	94	84	88	---	---	---	---	---	---
16	89	72	76	94	85	88	---	---	---	---	---	---
17	87	75	80	95	87	90	---	---	---	---	---	---
18	89	75	80	97	89	91	---	---	---	---	---	---
19	89	75	80	98	89	92	86	78	81	93	86	89
20	83	75	78	98	87	91	87	79	82	90	83	86
21	89	77	82	96	90	92	87	80	82	93	86	88
22	89	76	82	99	90	93	88	82	84	92	87	88
23	89	76	81	100	91	94	90	83	85	96	87	90
24	89	75	80	101	92	95	91	82	85	90	87	88
25	87	73	79	96	92	93	90	83	86	93	86	89
26	85	74	79	99	93	96	91	82	86	93	87	90
27	87	75	80	102	93	96	90	84	86	96	88	91
28	86	77	80	103	95	97	92	84	87	98	88	92
29	88	79	83	105	95	99	91	84	87	97	87	91
30	89	80	83	104	96	99	92	85	88	97	88	92
31	91	80	84	---	---	---	93	86	89	99	86	91
MONTH	---	---	---	105	79	90	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	95	88	91	95	88	91	81	77	78	90	72	80
2	97	86	90	96	87	90	83	75	78	88	71	78
3	97	86	90	90	85	87	86	77	81	85	68	74
4	94	85	89	91	85	87	88	79	82	77	71	74
5	94	88	90	93	87	90	94	82	87	79	74	75
6	97	87	91	95	87	90	96	83	89	83	74	79
7	96	86	90	95	87	90	93	84	88	87	66	78
8	94	88	89	95	86	90	95	83	88	86	72	78
9	98	89	92	---	---	---	95	83	88	86	73	79
10	99	89	93	---	---	---	93	77	84	85	74	79
11	97	89	92	---	---	---	89	80	83	86	72	78
12	98	90	93	---	---	---	93	78	84	83	71	75
13	99	85	91	---	---	---	90	76	82	86	71	77
14	93	84	87	89	76	82	87	76	81	86	73	78
15	93	86	88	92	82	86	88	73	80	90	76	81
16	95	84	89	91	77	83	84	70	76	92	76	84
17	90	83	85	90	72	79	86	69	77	91	76	82
18	90	83	86	82	78	79	87	68	76	90	75	80
19	92	84	87	85	79	82	87	62	75	86	76	79
20	93	84	88	88	80	83	90	69	79	88	76	81
21	91	85	87	86	80	83	86	66	75	88	73	79
22	92	85	88	91	82	85	82	69	74	88	76	80
23	93	85	88	93	83	87	83	70	76	91	77	82
24	93	86	88	93	83	87	85	72	78	92	76	83
25	94	87	90	93	83	87	85	69	76	90	78	83
26	96	87	90	94	80	86	83	72	76	93	79	85
27	95	85	89	92	79	85	89	70	80	95	80	86
28	93	87	89	92	84	87	86	70	76	95	80	86
29	---	---	---	94	85	89	81	71	75	97	77	85
30	---	---	---	94	80	86	85	74	78	92	76	82
31	---	---	---	89	76	82	---	---	---	91	77	82
MONTH	99	83	89	---	---	---	96	62	80	97	66	80

ROANOKE RIVER BASIN

0208062765 ROANOKE RIVER AT HALIFAX, NC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN				
		JUNE				JULY				AUGUST				SEPTEMBER		
1	93	75	82	85	66	74	95	74	82	78	70	72				
2	92	73	80	82	63	68	93	74	81	80	72	75				
3	92	75	81	78	62	66	90	71	78	86	74	78				
4	93	73	80	76	59	63	89	71	79	88	75	80				
5	91	72	80	77	57	63	87	68	77	91	74	81				
6	91	71	78	78	61	65	88	70	77	88	74	80				
7	85	60	68	79	64	71	87	72	78	88	73	79				
8	82	65	70	82	65	73	89	70	77	87	72	78				
9	83	65	73	82	66	71	87	69	77	87	75	79				
10	85	65	73	80	67	71	87	68	76	89	73	79				
11	86	67	75	81	66	71	90	67	77	88	74	79				
12	85	67	74	85	67	72	90	70	78	89	76	81				
13	83	65	72	82	69	73	92	72	80	89	76	81				
14	79	60	67	85	71	77	95	74	81	89	71	78				
15	75	61	67	85	71	77	92	72	80	84	73	77				
16	76	60	66	89	71	76	92	69	78	86	73	79				
17	75	59	65	88	70	75	93	72	80	95	76	81				
18	74	59	65	86	68	73	93	74	81	97	81	87				
19	74	59	65	87	69	73	92	73	80	97	81	87				
20	79	62	69	82	70	74	90	74	80	98	79	87				
21	80	61	69	88	71	76	94	71	80	96	77	86				
22	76	63	69	98	78	86	93	70	80	95	79	85				
23	79	62	70	94	78	82	94	70	79	95	75	83				
24	84	63	70	88	72	78	93	71	80	89	77	81				
25	88	71	78	84	67	72	90	71	78	93	76	82				
26	90	71	79	87	67	73	90	65	74	88	69	76				
27	86	68	75	86	69	73	75	64	69	82	72	74				
28	85	70	77	92	75	82	74	65	67	83	72	76				
29	88	72	79	98	77	86	75	64	68	85	74	79				
30	87	70	77	90	74	77	77	67	71	88	73	79				
31	---	---	---	94	80	85	73	67	69	---	---	---				
MONTH	93	59	73	98	57	74	95	64	77	98	69	80				