

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 North Carolina Department of Environment and Natural Resources (DENR), Division of Water Resources, 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	53, September 19, 2003
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	2.2, January 25, 28, 2003
DISSOLVED OXYGEN, mg/L	16.1, January 13, 1999	3.8, August 21, 22, 2003
DISSOLVED OXYGEN, PERCENT SATURATION, %	132, January 13, 14, 1999	47, June 27, 2001, August 21, 2003

EXTREMES FOR CURRENT YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	170, October 1, 2, 4, 8, 9	53, September 19
pH, standard units	8.0, March 12	6.3, September 19
WATER TEMPERATURE, °C	29.0, August 30	2.2, January 25, 28
DISSOLVED OXYGEN, mg/L	13.7, January 28, February 5	3.8, August 21, 22
DISSOLVED OXYGEN, PERCENT SATURATION, %	111, March 9, 10, 11	47, August 21

0208062765 ROANOKE RIVER AT HALIFAX, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	170	166	167	153	152	152	150	135	138	124	122	123
2	170	168	169	153	140	150	151	135	139	122	119	121
3	168	166	167	151	139	148	152	136	139	120	116	118
4	170	165	168	149	142	147	149	137	140	130	114	117
5	169	166	168	---	---	---	152	135	138	127	114	116
6	167	165	166	148	131	139	155	134	138	127	114	116
7	169	166	167	148	133	139	152	137	141	131	113	117
8	170	167	169	148	134	139	152	148	151	131	113	116
9	170	168	169	149	135	143	155	152	154	132	113	117
10	169	168	169	150	140	145	158	154	156	132	112	116
11	169	137	157	150	148	149	159	141	153	132	112	116
12	150	135	141	150	133	141	150	139	143	132	112	116
13	158	150	155	148	130	137	154	142	146	129	111	115
14	160	158	159	140	130	133	149	135	139	124	111	116
15	161	159	160	144	131	134	150	138	142	131	115	118
16	161	159	160	144	131	134	151	139	142	130	115	118
17	---	---	---	147	137	143	141	140	141	132	114	117
18	160	158	159	145	126	135	142	141	141	129	114	117
19	159	150	153	139	127	129	141	140	141	128	114	116
20	156	149	151	129	128	128	141	139	140	128	113	116
21	157	151	154	129	128	129	139	138	139	128	113	115
22	154	152	153	130	129	129	139	135	137	127	112	115
23	154	153	153	130	129	129	136	134	134	125	112	116
24	156	152	154	131	129	130	143	131	134	124	112	114
25	156	154	154	134	130	131	136	128	130	125	112	116
26	156	155	156	142	132	133	140	128	131	126	112	116
27	156	154	155	145	132	136	130	128	129	126	113	122
28	155	150	153	146	134	136	129	127	128	128	115	121
29	150	148	149	149	134	137	127	126	127	127	113	118
30	152	149	150	150	135	138	126	125	126	125	113	117
31	152	150	151	---	---	---	126	124	125	119	111	114
MONTH	---	---	---	---	---	---	159	124	139	132	111	117
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	126	113	120	103	102	103	101	100	101	89	87	88
2	126	112	120	103	102	103	101	98	101	89	88	88
3	126	115	118	103	102	102	101	100	101	89	83	87
4	126	115	120	103	102	102	101	100	100	87	86	87
5	121	110	113	105	103	104	100	99	99	88	87	88
6	127	110	115	107	104	105	99	97	98	89	88	89
7	124	110	118	108	106	107	97	95	96	90	89	89
8	123	121	122	110	108	109	95	94	95	91	89	90
9	125	123	124	112	109	110	94	85	91	91	90	91
10	125	124	124	112	111	111	90	88	89	91	89	90
11	126	124	125	113	111	112	89	86	87	90	89	90
12	128	114	123	113	112	112	89	86	88	90	90	90
13	128	110	115	114	113	113	89	87	88	90	85	89
14	129	110	117	114	113	113	89	85	87	90	89	89
15	127	110	121	119	111	113	86	81	83	90	89	90
16	125	120	124	121	111	113	82	80	81	91	90	91
17	123	107	115	121	111	112	82	81	82	91	90	91
18	125	103	113	120	110	112	83	82	83	90	89	90
19	113	101	107	120	110	111	84	82	83	90	89	90
20	114	100	106	118	106	109	85	84	84	90	88	90
21	115	100	108	107	106	106	86	85	85	89	88	88
22	114	106	107	106	105	106	87	84	85	89	88	88
23	111	103	105	106	105	106	88	80	84	88	87	87
24	106	104	105	106	105	106	85	85	85	89	87	88
25	106	105	105	105	104	105	86	85	85	90	89	89
26	106	105	105	105	103	104	86	85	86	89	88	89
27	106	104	105	103	100	101	86	86	86	89	89	89
28	104	103	103	100	99	99	87	84	86	89	89	89
29	---	---	---	100	99	100	88	84	87	90	89	90
30	---	---	---	101	100	100	88	86	88	90	89	89
31	---	---	---	101	100	100	---	---	---	89	89	89
MONTH	129	100	114	121	99	107	101	80	89	91	83	89

ROANOKE RIVER BASIN

0208062765 ROANOKE RIVER AT HALIFAX, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	89	89	89	94	93	93	102	99	101	104	102	103
2	89	89	89	94	93	93	102	101	102	104	102	103
3	90	89	89	93	93	93	103	101	102	105	103	104
4	92	90	90	95	93	94	102	100	102	105	102	104
5	91	89	91	94	93	94	101	99	100	103	102	103
6	95	89	93	94	93	94	101	100	100	103	101	102
7	95	94	95	94	94	94	101	97	99	103	101	102
8	96	95	95	94	92	93	99	92	97	102	99	101
9	96	94	95	93	92	93	96	93	95	100	99	99
10	97	94	96	94	93	93	97	94	96	100	99	100
11	97	95	96	95	93	94	98	96	97	100	99	100
12	98	96	97	96	94	95	99	96	98	100	98	99
13	98	97	98	96	95	96	99	93	98	100	98	100
14	98	96	97	96	94	96	101	98	99	103	99	101
15	96	95	95	97	89	96	100	99	99	112	102	104
16	95	93	94	98	97	97	100	100	100	103	95	99
17	94	93	93	98	95	97	101	100	100	115	96	101
18	93	92	93	98	97	97	101	100	101	97	74	92
19	93	92	93	99	89	97	102	100	101	84	53	68
20	93	92	92	99	90	97	104	102	103	100	84	89
21	93	92	92	99	98	99	104	103	104	103	89	91
22	92	91	92	101	99	100	104	103	104	105	89	91
23	91	91	91	101	99	100	103	102	103	110	90	94
24	92	91	91	100	99	100	103	102	103	96	94	95
25	92	91	92	101	99	100	102	101	102	97	96	96
26	92	91	92	101	100	101	103	102	102	97	96	96
27	92	91	92	101	101	101	103	101	102	97	94	95
28	93	92	93	102	101	101	102	101	102	94	91	93
29	93	92	93	102	101	101	102	100	101	91	88	89
30	94	93	94	103	100	101	103	101	102	89	88	89
31	---	---	---	101	100	101	104	102	102	---	---	---
MONTH	98	89	93	103	89	97	104	92	101	115	53	97

0208062765 ROANOKE RIVER AT HALIFAX, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

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

ROANOKE RIVER BASIN

0208062765 ROANOKE RIVER AT HALIFAX, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS—CONTINUED
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.2	7.1	7.1	6.9	6.9	6.9	7.0	6.9	6.9	7.0	6.8	6.9
2	7.1	7.1	7.1	7.0	6.9	6.9	7.0	6.9	6.9	7.0	7.0	7.0
3	7.1	7.0	7.1	7.0	6.9	6.9	6.9	6.9	6.9	7.0	7.0	7.0
4	7.0	7.0	7.0	7.0	6.9	6.9	7.0	6.9	6.9	7.0	6.9	7.0
5	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.9	7.0	7.0	7.0	7.0
6	7.1	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
7	7.1	7.0	7.1	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
8	7.0	6.9	7.0	7.1	6.9	7.0	7.0	6.9	7.0	7.0	7.0	7.0
9	7.0	6.9	6.9	7.0	6.9	6.9	7.0	6.9	6.9	7.0	6.9	7.0
10	7.0	7.0	7.0	7.0	6.9	6.9	7.0	6.9	7.0	6.9	6.8	6.8
11	7.0	7.0	7.0	7.0	6.9	7.0	7.0	6.9	7.0	6.9	6.8	6.9
12	7.0	6.9	7.0	7.0	7.0	7.0	7.0	6.9	7.0	6.9	6.8	6.9
13	7.0	7.0	7.0	7.0	6.9	7.0	7.0	6.9	6.9	6.9	6.8	6.8
14	7.0	7.0	7.0	7.0	6.9	6.9	7.0	6.8	6.9	7.0	6.8	6.9
15	7.0	6.9	7.0	6.9	6.9	6.9	6.9	6.8	6.8	7.0	6.9	7.0
16	6.9	6.9	6.9	6.9	6.8	6.9	6.9	6.8	6.9	7.0	6.9	7.0
17	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.1	6.9	6.9
18	6.9	6.9	6.9	6.9	6.9	6.9	7.0	6.9	6.9	7.1	6.8	6.9
19	6.9	6.8	6.9	6.9	6.8	6.9	7.0	6.9	6.9	6.9	6.3	6.6
20	6.9	6.9	6.9	6.9	6.8	6.9	7.0	6.8	6.9	7.1	6.8	6.9
21	6.9	6.9	6.9	6.9	6.8	6.9	6.8	6.8	6.8	7.1	6.8	6.9
22	7.0	6.9	6.9	6.9	6.8	6.9	6.8	6.8	6.8	7.1	6.9	7.0
23	7.0	7.0	7.0	7.0	6.9	6.9	6.8	6.7	6.7	7.2	6.9	7.0
24	7.0	7.0	7.0	7.0	7.0	7.0	6.8	6.7	6.7	7.2	7.1	7.1
25	7.0	7.0	7.0	7.0	6.9	6.9	6.8	6.8	6.8	7.2	7.1	7.2
26	7.0	6.9	7.0	6.9	6.9	6.9	6.8	6.6	6.7	7.2	7.1	7.1
27	7.0	6.9	7.0	6.9	6.8	6.9	6.7	6.6	6.7	7.1	7.1	7.1
28	7.0	6.9	7.0	7.0	6.9	6.9	6.7	6.7	6.7	7.1	7.1	7.1
29	7.0	6.9	6.9	7.0	6.9	7.0	6.8	6.6	6.7	7.1	7.0	7.0
30	6.9	6.9	6.9	7.0	6.9	6.9	6.9	6.7	6.8	7.1	7.1	7.1
31	---	---	---	7.0	6.9	7.0	6.9	6.8	6.9	---	---	---
MONTH	7.2	6.8	7.0	7.1	6.8	6.9	7.0	6.6	6.9	7.2	6.3	7.0

0208062765 ROANOKE RIVER AT HALIFAX, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.6	23.9	24.3	15.6	15.1	15.4	10.7	9.2	10.0	7.8	7.4	7.6
2	24.9	24.2	24.6	15.4	14.8	15.1	9.9	8.9	9.6	7.9	7.7	7.8
3	25.8	24.9	25.4	15.1	14.3	14.7	9.7	8.9	9.5	7.7	7.5	7.6
4	25.7	25.1	25.5	15.2	14.5	14.7	8.9	8.3	8.7	7.5	7.0	7.4
5	25.7	25.1	25.4	---	---	---	8.6	7.8	8.4	7.1	6.6	6.9
6	25.5	24.7	25.1	14.6	14.2	14.3	8.2	7.1	7.9	7.2	6.7	6.9
7	24.8	24.2	24.6	14.4	13.5	13.8	7.8	6.9	7.4	7.0	5.8	6.6
8	24.7	23.4	24.1	14.2	13.2	13.6	7.6	7.1	7.3	6.8	6.0	6.4
9	23.6	23.2	23.4	14.7	13.5	14.0	7.9	7.0	7.5	7.0	6.2	6.5
10	23.3	23.1	23.2	15.7	14.3	14.9	7.2	6.7	6.9	6.8	6.4	6.6
11	23.3	22.4	22.9	16.0	15.7	15.8	7.3	6.8	7.1	6.8	5.9	6.5
12	22.5	22.2	22.3	15.7	15.2	15.3	7.6	7.1	7.3	6.6	5.7	6.4
13	22.7	22.4	22.5	15.7	14.3	14.8	7.6	7.0	7.2	6.4	5.4	6.0
14	22.7	21.0	21.9	14.8	14.0	14.4	7.6	7.1	7.3	6.2	5.6	5.9
15	21.0	20.3	20.6	14.8	13.9	14.5	7.8	7.0	7.3	5.9	5.4	5.7
16	21.0	20.4	20.7	14.7	14.5	14.6	7.8	7.2	7.5	5.6	4.8	5.4
17	---	---	---	14.7	13.6	14.3	7.6	7.3	7.4	5.4	4.7	5.2
18	20.4	19.4	19.8	14.0	12.8	13.5	7.5	7.2	7.3	5.1	4.0	4.6
19	19.8	18.9	19.4	13.8	12.8	13.4	7.4	7.2	7.3	4.7	3.7	4.3
20	19.9	19.2	19.7	13.7	13.1	13.4	7.8	7.3	7.6	4.9	3.9	4.3
21	20.0	18.4	19.3	13.7	13.4	13.5	8.0	7.6	7.7	4.5	3.8	4.1
22	18.6	18.1	18.4	13.6	13.1	13.5	7.6	7.2	7.4	4.6	3.5	4.1
23	18.9	18.0	18.5	13.1	12.3	12.7	7.6	7.2	7.4	4.2	3.4	3.8
24	19.0	18.1	18.5	12.4	12.0	12.2	7.5	7.3	7.4	3.5	2.5	3.1
25	18.4	17.8	18.0	12.5	11.9	12.1	7.5	7.1	7.4	3.5	2.2	2.6
26	18.5	17.8	18.1	12.6	12.1	12.3	7.2	6.5	7.0	3.2	2.5	2.9
27	18.5	18.0	18.3	12.3	11.8	12.0	6.9	6.6	6.7	3.2	2.3	2.8
28	18.6	17.4	18.0	11.8	10.9	11.5	7.1	6.6	6.8	3.6	2.2	2.6
29	17.4	16.4	16.8	11.3	10.4	11.1	7.2	6.9	7.0	3.5	3.0	3.2
30	16.4	15.8	16.0	11.0	10.6	10.8	7.3	6.9	7.1	3.3	3.1	3.2
31	15.8	15.4	15.6	---	---	---	7.5	7.1	7.3	3.3	3.0	3.1
MONTH	---	---	---	---	---	---	10.7	6.5	7.6	7.9	2.2	5.2
	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3.7	3.3	3.5	5.2	4.8	4.9	11.3	10.6	10.9	16.2	15.2	15.6
2	4.4	3.7	3.9	5.8	5.1	5.4	12.1	10.8	11.3	15.9	15.4	15.6
3	4.8	3.4	4.1	5.9	5.3	5.6	12.6	11.4	12.0	16.1	15.6	15.8
4	5.6	4.6	5.0	5.9	5.3	5.6	12.6	11.9	12.3	15.8	15.5	15.6
5	4.8	4.0	4.4	6.2	5.4	5.7	12.6	12.0	12.3	15.5	14.9	15.0
6	5.1	4.1	4.8	6.7	6.0	6.3	12.8	12.2	12.5	15.3	14.8	15.0
7	4.9	4.7	4.8	6.6	6.2	6.3	12.6	11.9	12.3	16.4	15.2	15.7
8	4.9	4.4	4.6	6.2	5.7	6.0	11.9	11.0	11.2	17.7	16.4	16.9
9	5.0	4.4	4.6	7.3	5.8	6.4	11.2	11.1	11.1	17.7	17.0	17.5
10	5.1	4.4	4.7	7.4	6.8	7.1	11.2	10.9	11.0	17.8	17.2	17.5
11	5.1	4.2	4.6	7.2	6.9	7.0	11.0	10.7	10.8	18.1	17.3	17.6
12	5.5	4.5	5.0	7.2	6.5	6.8	11.7	10.6	11.0	18.6	17.5	18.0
13	5.6	4.1	4.5	8.2	6.8	7.4	12.1	11.3	11.6	18.0	16.7	17.3
14	5.2	4.2	4.7	8.6	7.9	8.1	12.0	11.3	11.6	18.7	17.4	18.0
15	5.1	4.7	4.9	8.3	7.9	8.1	12.1	11.2	11.6	18.7	18.1	18.4
16	4.7	3.6	4.2	8.2	7.9	8.1	12.9	11.6	12.1	18.9	17.7	18.3
17	3.9	3.1	3.6	8.5	7.8	8.2	13.5	12.6	13.0	18.7	17.2	17.8
18	4.1	3.4	3.6	8.9	8.4	8.7	13.2	12.2	12.9	17.5	17.2	17.4
19	3.9	3.3	3.5	9.0	8.5	8.7	12.8	12.1	12.5	17.2	16.8	17.0
20	4.2	3.5	3.9	9.0	8.6	8.8	13.4	12.8	13.0	17.3	15.8	16.6
21	4.6	4.2	4.4	8.9	8.5	8.7	13.6	13.1	13.3	17.9	16.6	17.2
22	4.8	4.4	4.6	9.8	8.8	9.2	13.7	13.1	13.4	17.9	17.2	17.4
23	5.8	4.8	5.2	10.0	9.4	9.7	13.9	13.1	13.5	17.2	17.1	17.2
24	5.7	4.8	5.2	10.4	9.6	10	14.0	13.3	13.6	17.3	16.9	17.1
25	5.6	5.0	5.3	10.5	9.7	10.0	13.7	13.2	13.4	17.4	16.9	17.2
26	5.4	5.0	5.2	10.6	9.7	10.2	13.5	13.1	13.3	18.3	17.1	17.6
27	5.0	4.6	4.7	11.2	9.7	10.4	14.1	13.3	13.7	18.2	17.4	17.7
28	4.8	4.6	4.7	11.5	10.8	11.1	14.7	13.8	14.2	18.5	17.6	18.0
29	---	---	---	11.6	10.6	11.1	15.1	14.2	14.6	18.2	17.4	17.7
30	---	---	---	11.4	10.8	11.1	15.7	14.8	15.2	19.0	18.0	18.4
31	---	---	---	11.0	10.5	10.7	---	---	---	19.1	18.6	18.9
MONTH	5.8	3.1	4.5	11.6	4.8	8.1	15.7	10.6	12.5	19.1	14.8	17.1

ROANOKE RIVER BASIN

0208062765 ROANOKE RIVER AT HALIFAX, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	19.2	18.7	18.9	23.2	22.9	23.1	25.4	24.8	25.0	28.3	27.4	27.8
2	19.3	18.5	18.9	23.0	22.7	22.9	25.9	25.0	25.5	28.5	27.7	28.1
3	19.2	18.9	19.0	22.7	22.2	22.4	26.1	25.3	25.7	28.3	27.6	27.9
4	19.4	18.8	19.1	23.2	21.6	22.1	26.2	25.2	25.6	28.2	27.3	27.8
5	19.7	19.0	19.2	24.0	22.9	23.3	26.9	25.7	26.2	28.0	27.2	27.5
6	20.3	19.2	19.7	24.5	23.5	23.9	26.8	26.2	26.5	27.7	26.5	26.8
7	20.3	19.9	20.1	24.6	24.0	24.3	26.9	25.9	26.3	27.0	26.0	26.4
8	20.3	20.0	20.2	24.8	24.1	24.4	26.8	25.8	26.2	27.0	25.5	25.8
9	21.1	19.7	20.3	25.1	24.4	24.7	26.1	25.7	25.9	26.1	25.3	25.7
10	21.4	20.6	21.0	25.2	24.4	24.8	26.1	25.7	25.8	26.0	24.8	25.2
11	22.1	20.9	21.5	25.2	24.7	24.9	26.0	25.5	25.7	25.6	24.3	24.9
12	22.0	21.1	21.5	25.6	24.5	24.9	26.3	25.5	25.9	25.4	24.0	24.3
13	22.8	21.9	22.3	25.6	24.9	25.2	26.8	25.7	26.1	24.3	24.0	24.1
14	23.0	22.2	22.5	24.9	24.4	24.6	27.0	26.1	26.5	24.6	23.7	24.0
15	23.3	22.8	23.0	24.6	23.8	24.2	27.3	26.3	26.8	25.0	23.9	24.4
16	23.2	22.5	22.8	24.9	23.7	24.2	27.3	26.8	27.0	25.3	24.4	24.8
17	22.5	21.3	21.8	24.7	24.0	24.3	27.4	26.8	27.0	25.1	23.8	24.2
18	21.3	20.8	20.9	25.2	24.2	24.7	27.6	27.0	27.2	24.0	22.6	23.6
19	21.9	21.0	21.3	25.0	24.5	24.7	27.8	26.8	27.2	23.3	21.2	22.2
20	22.1	21.5	21.8	25.3	24.3	24.8	27.4	26.6	27.0	23.9	22.7	23.1
21	22.1	21.6	21.8	25.3	24.6	24.9	27.3	26.4	26.8	24.0	22.8	23.2
22	21.8	21.2	21.5	25.4	24.8	25.1	27.5	26.8	27.1	23.5	23.1	23.3
23	22.4	21.4	21.8	25.4	25.1	25.2	27.6	27.0	27.3	24.4	23.4	23.7
24	22.6	21.7	22.2	25.6	25.0	25.3	27.7	26.7	27.2	24.1	23.4	23.7
25	23.0	22.1	22.5	25.7	25.1	25.4	27.7	26.7	27.1	24.0	23.2	23.6
26	23.3	22.3	22.8	25.9	24.9	25.4	27.7	26.9	27.3	24.0	23.5	23.7
27	23.6	22.7	23.2	26.3	24.8	25.4	28.4	27.3	27.7	24.2	23.4	23.7
28	23.6	23.0	23.3	26.2	25.4	25.8	28.6	27.7	28.1	24.2	23.6	23.8
29	23.3	22.9	23.0	26.3	26.1	26.2	28.9	27.8	28.2	23.9	23.0	23.4
30	23.3	22.5	22.8	26.2	25.5	25.7	29.0	28.1	28.5	23.0	22.5	22.8
31	---	---	---	25.7	25.3	25.5	28.8	27.8	28.2	---	---	---
MONTH	23.6	18.5	21.4	26.3	21.6	24.6	29.0	24.8	26.7	28.5	21.2	24.8

0208062765 ROANOKE RIVER AT HALIFAX, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.1	6.0	6.4	8.2	7.6	7.9	10.3	9.6	9.9	10.9	10.1	10.6
2	7.0	5.8	6.3	8.3	7.4	7.7	10.3	9.9	10.1	10.9	10.4	10.7
3	7.1	5.9	6.4	8.1	7.3	7.6	10.6	9.9	10.1	11.0	10.5	10.7
4	7.1	5.9	6.4	8.1	7.5	7.7	10.6	10.1	10.3	10.9	9.4	10.4
5	7.2	5.8	6.3	---	---	---	10.6	10.1	10.3	11.0	10.1	10.6
6	7.5	6.4	6.8	7.9	7.2	7.5	10.9	10.1	10.3	---	---	---
7	7.2	6.0	6.5	8.7	7.4	7.9	10.8	10.3	10.5	---	---	---
8	7.2	6.3	6.6	8.8	8.1	8.4	10.9	10.6	10.7	---	---	---
9	7.4	6.4	6.8	9.2	8.3	8.6	10.9	10.6	10.7	---	---	---
10	7.4	6.4	6.9	9.0	8.4	8.7	11.1	10.8	10.9	---	---	---
11	6.9	6.2	6.6	8.9	8.2	8.5	10.9	10.6	10.7	---	---	---
12	6.5	6.0	6.1	8.8	8.0	8.5	10.9	10.5	10.6	---	---	---
13	6.7	6.3	6.5	9.4	8.3	8.9	11.0	10.5	10.7	---	---	---
14	7.6	6.6	6.9	9.3	8.5	8.8	10.8	10.4	10.5	---	---	---
15	7.9	6.8	7.2	9.4	8.6	8.8	11.0	10.4	10.6	11.8	11.3	11.4
16	7.4	6.7	7.0	9.2	8.4	8.7	10.8	10.4	10.6	12.0	11.5	11.7
17	---	---	---	8.9	8.4	8.7	10.8	10.5	10.6	12.0	11.5	11.7
18	8.4	7.4	7.7	9.2	8.4	8.7	11.0	10.3	10.6	12.3	11.7	11.9
19	8.5	7.4	7.8	9.0	8.5	8.7	10.9	10.2	10.4	12.4	11.9	12.1
20	8.3	7.5	7.7	8.9	8.2	8.7	10.5	10.1	10.3	12.4	12.0	12.2
21	8.2	7.5	7.7	9.1	8.6	8.8	10.7	9.9	10.3	12.5	12.1	12.2
22	8.2	7.5	7.7	8.8	8.6	8.7	10.8	10.1	10.5	12.7	12.1	12.4
23	8.4	7.7	7.9	9.3	8.8	9.1	10.7	10.2	10.5	12.9	12.2	12.4
24	8.4	7.5	7.8	9.4	9.2	9.3	10.6	9.5	10.3	13.2	12.4	12.7
25	8.1	7.4	7.7	9.3	9.0	9.3	10.6	9.6	10.2	13.4	12.9	13.1
26	8.1	7.4	7.6	9.4	9.0	9.1	11.0	9.6	10.4	13.3	12.9	13.0
27	8.1	7.4	7.7	9.6	9.0	9.1	11.1	10.3	10.6	13.6	13.0	13.3
28	8.1	7.3	7.5	9.8	9.2	9.4	10.9	10.2	10.6	13.7	13.2	13.4
29	7.6	7.2	7.4	9.8	9.4	9.5	11.0	10.3	10.6	13.4	13.1	13.2
30	7.6	7.3	7.5	9.9	9.4	9.6	11.0	10.2	10.6	13.4	13.0	13.2
31	8.1	7.4	7.6	---	---	---	11.0	10.1	10.6	13.3	13.0	13.1
MONTH	---	---	---	---	---	---	11.1	9.5	10.5	---	---	---
	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	13.3	13.1	13.2	13.2	13.0	13.1	10.5	10.0	10.2	8.9	8.4	8.7
2	13.3	13.0	13.2	13.2	12.9	13.1	10.1	9.7	9.9	8.6	8.1	8.3
3	13.5	13.0	13.3	13.3	12.9	13.1	9.8	9.5	9.6	8.4	8.2	8.3
4	13.4	12.7	13.0	13.4	13.1	13.3	9.8	9.4	9.6	8.5	8.2	8.4
5	13.7	12.8	13.3	13.4	13.2	13.3	9.6	9.3	9.5	8.4	7.9	8.1
6	13.4	13.0	13.3	13.3	13.0	13.1	9.5	9.2	9.4	8.2	7.9	8.0
7	13.4	12.9	13.1	13.2	13.1	13.1	9.4	9.2	9.3	8.0	7.8	7.9
8	13.4	13.0	13.2	13.4	13.0	13.2	9.4	9.2	9.3	8.0	7.9	7.9
9	13.5	13.1	13.3	13.3	13.1	13.2	9.3	9.1	9.2	8.1	7.6	7.9
10	13.5	13.2	13.3	13.3	13.0	13.1	9.2	9.0	9.1	8.0	7.8	7.8
11	13.3	12.7	13.0	13.5	13.0	13.1	9.1	9.0	9.0	8.0	7.8	7.8
12	13.0	12.7	12.8	13.1	12.8	12.9	9.2	8.9	9.0	8.2	7.9	8.0
13	13.2	12.6	12.9	12.9	12.5	12.6	9.3	9.1	9.2	8.4	8.0	8.2
14	13.1	12.6	12.9	12.5	12.2	12.4	9.2	9.0	9.2	8.5	8.2	8.4
15	13.0	12.4	12.7	12.2	11.8	12.1	9.2	8.9	9.1	8.4	8.2	8.3
16	12.8	12.5	12.6	12.0	11.6	11.9	8.9	8.7	8.8	8.3	8.0	8.1
17	13.0	12.8	12.9	11.9	11.5	11.7	---	---	---	8.3	7.8	8.0
18	13.4	12.8	13.0	11.7	11.3	11.6	---	---	---	8.3	7.9	8.1
19	13.4	12.9	13.2	11.6	11.2	11.5	---	---	---	8.3	8.1	8.2
20	13.4	13.0	13.2	11.4	11.0	11.2	---	---	---	8.3	8.1	8.2
21	13.4	12.9	13.2	11.3	11.0	11.2	---	---	---	8.3	8.0	8.1
22	13.2	12.8	13.1	11.3	11.0	11.2	---	---	---	8.1	7.9	7.9
23	13.1	12.4	12.8	11.3	10.9	11.1	---	---	---	8.0	7.8	7.9
24	13.0	12.6	12.9	11.2	10.9	11.1	---	---	---	7.9	7.8	7.8
25	13.3	12.8	13.1	11.2	10.9	11.1	---	---	---	7.8	7.5	7.7
26	13.3	13.0	13.1	11.0	10.6	10.8	---	---	---	7.8	7.5	7.6
27	13.3	13.0	13.1	10.7	10.4	10.6	---	---	---	7.7	7.4	7.5
28	13.3	13.0	13.1	10.5	10.3	10.4	---	---	---	7.8	7.5	7.6
29	---	---	---	10.3	10.0	10.2	9.2	8.8	9.1	7.8	7.3	7.5
30	---	---	---	10.2	10.0	10.1	8.9	8.8	8.9	7.7	7.5	7.6
31	---	---	---	10.5	10.0	10.2	---	---	---	7.7	7.4	7.5
MONTH	13.7	12.4	13.1	13.5	10.0	12.0	---	---	---	8.9	7.3	8.0

ROANOKE RIVER BASIN

0208062765 ROANOKE RIVER AT HALIFAX, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER—CONTINUED
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.8	7.4	7.5	5.7	5.3	5.5	5.1	4.7	4.8	5.4	4.8	5.1
2	7.9	7.7	7.8	5.7	5.4	5.6	5.2	4.6	4.9	5.5	5.2	5.3
3	7.8	7.3	7.6	5.9	5.4	5.7	5.1	4.8	4.9	5.6	5.2	5.4
4	7.4	7.2	7.3	5.8	5.4	5.6	5.2	4.7	4.9	---	---	---
5	7.4	7.1	7.2	6.1	5.5	5.7	5.5	4.9	5.2	---	---	---
6	7.6	7.2	7.4	6.1	5.5	5.8	5.4	5.2	5.3	---	---	---
7	7.6	7.3	7.4	6.4	5.9	6.1	5.6	5.0	5.2	---	---	---
8	7.4	7.0	7.3	6.5	6.0	6.2	5.5	5.1	5.2	---	---	---
9	7.5	6.9	7.1	6.5	6.0	6.2	5.1	4.8	4.9	---	---	---
10	7.4	6.7	7.0	6.6	6.0	6.3	5.2	4.8	5.0	5.9	5.5	5.7
11	7.0	6.6	6.8	6.5	6.2	6.3	5.0	4.7	4.8	6.1	5.6	5.8
12	6.9	6.5	6.7	6.6	6.1	6.3	4.8	4.6	4.7	6.1	5.7	5.9
13	6.9	6.5	6.7	6.6	6.1	6.3	4.8	4.4	4.6	6.2	5.9	6.0
14	6.8	6.5	6.7	6.1	5.8	6.0	4.8	4.4	4.6	6.3	6.0	6.2
15	6.8	6.4	6.6	5.9	5.6	5.7	4.8	4.5	4.7	6.6	6.0	6.1
16	6.6	6.2	6.3	5.8	5.3	5.5	4.9	4.4	4.7	6.5	5.9	6.2
17	6.2	5.9	6.0	5.8	5.4	5.6	5.0	4.5	4.7	6.4	5.5	6.0
18	6.2	5.9	6.1	5.8	5.5	5.7	5.1	4.8	4.9	6.6	5.7	6.2
19	6.2	5.8	6.0	5.7	5.3	5.5	4.9	4.4	4.7	6.4	5.8	6.1
20	6.3	5.9	6.1	5.7	5.3	5.5	4.5	4.1	4.2	6.7	6.0	6.2
21	6.5	6.1	6.3	5.6	5.3	5.4	4.1	3.8	3.9	6.5	6.0	6.2
22	6.6	6.3	6.5	5.4	4.9	5.2	4.2	3.8	4.0	6.1	5.5	5.7
23	6.8	6.4	6.6	5.4	5.1	5.3	4.6	4.1	4.3	6.5	5.3	5.7
24	6.8	6.4	6.6	5.5	5.3	5.4	4.9	4.3	4.5	6.5	5.9	6.2
25	6.7	6.3	6.5	5.5	4.8	5.1	5.1	4.6	4.8	6.5	6.0	6.3
26	6.4	6.2	6.3	5.0	4.7	4.8	5.1	4.6	4.8	6.4	6.1	6.3
27	6.4	6.0	6.2	5.2	4.5	4.8	5.3	4.6	4.9	6.2	6.0	6.1
28	6.2	5.9	6.0	5.3	4.8	5.0	5.2	4.8	5.0	6.2	5.9	6.1
29	6.0	5.5	5.8	5.3	5.1	5.2	5.4	4.8	5.0	6.3	5.9	6.1
30	5.7	5.4	5.5	5.2	4.8	5.0	5.3	4.9	5.1	6.7	6.2	6.5
31	---	---	---	5.3	5.1	5.2	5.3	5.0	5.2	---	---	---
MONTH	7.9	5.4	6.7	6.6	4.5	5.6	5.6	3.8	4.8	---	---	---

0208062765 ROANOKE RIVER AT HALIFAX, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	85	72	77	82	76	79	91	85	88	91	84	89
2	84	70	76	83	74	77	91	87	88	92	88	90
3	87	73	79	81	72	75	92	87	89	92	88	90
4	87	72	78	80	74	77	91	87	88	91	78	87
5	88	71	76	---	---	---	89	86	87	91	83	88
6	92	78	83	78	70	74	92	85	87	---	---	---
7	87	72	78	85	71	76	89	86	88	---	---	---
8	86	75	79	85	77	81	91	88	89	---	---	---
9	88	75	80	90	80	84	92	88	90	---	---	---
10	87	75	80	89	84	86	92	88	89	---	---	---
11	81	72	77	90	83	86	90	88	88	---	---	---
12	75	69	71	89	80	85	91	87	88	---	---	---
13	78	73	75	93	83	88	92	87	89	---	---	---
14	86	76	79	92	84	86	90	86	87	---	---	---
15	89	75	81	92	84	87	93	86	88	94	90	91
16	82	75	78	91	83	86	91	86	89	95	91	92
17	---	---	---	87	81	85	90	88	89	95	90	92
18	92	81	85	89	81	84	92	86	88	95	91	92
19	93	80	85	87	81	84	90	85	87	96	91	93
20	91	81	84	86	78	83	88	84	86	97	92	94
21	90	80	84	88	83	85	91	83	87	96	93	94
22	88	80	82	85	83	84	90	85	87	99	92	95
23	90	82	85	88	84	86	89	85	87	97	93	95
24	91	80	84	88	86	87	88	79	86	99	93	95
25	86	78	81	87	84	86	89	80	85	101	94	97
26	86	78	81	89	84	85	91	79	86	100	95	97
27	87	79	82	89	83	85	91	84	87	101	96	98
28	87	77	79	90	85	87	90	83	87	103	96	99
29	78	75	76	90	85	87	91	85	88	101	98	99
30	78	74	76	90	85	87	91	84	88	100	97	99
31	82	75	77	---	---	---	92	84	88	100	97	98
MONTH	---	---	---	---	---	---	93	79	88	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	101	98	100	104	101	103	95	90	92	90	85	88
2	103	99	100	106	101	103	93	90	91	87	81	84
3	105	98	102	107	102	104	92	87	89	85	83	84
4	105	99	102	108	104	106	92	87	90	86	82	84
5	107	99	102	108	105	106	90	87	89	84	79	81
6	105	100	104	108	105	107	90	86	88	81	78	79
7	105	100	102	107	106	106	88	86	87	82	78	80
8	104	100	102	108	104	106	86	84	85	84	81	82
9	105	101	103	111	105	107	85	83	84	85	79	83
10	106	102	103	111	107	109	84	82	83	84	81	82
11	103	98	101	111	107	108	82	81	82	85	81	82
12	103	98	101	109	104	106	85	80	82	87	83	85
13	103	97	100	108	103	105	86	83	85	89	82	86
14	102	98	100	107	103	105	86	83	84	91	86	89
15	101	97	99	104	100	102	85	82	83	90	88	89
16	98	96	97	102	98	101	84	81	82	90	84	87
17	99	96	97	102	98	100	---	---	---	89	81	84
18	102	97	98	101	97	100	---	---	---	87	82	85
19	102	97	99	100	97	98	---	---	---	86	84	85
20	103	98	101	98	95	97	---	---	---	87	82	85
21	104	99	102	98	95	96	---	---	---	86	83	85
22	103	100	102	99	95	97	---	---	---	86	82	83
23	103	99	101	100	95	98	---	---	---	83	81	82
24	104	99	102	100	96	98	---	---	---	82	81	81
25	106	101	103	101	96	98	---	---	---	81	78	80
26	105	102	104	98	94	96	---	---	---	83	78	80
27	103	101	102	97	93	95	---	---	---	82	77	79
28	104	101	102	97	93	95	---	---	---	83	79	81
29	---	---	---	94	92	93	90	87	89	83	76	79
30	---	---	---	93	90	92	90	87	88	83	80	81
31	---	---	---	95	90	92	---	---	---	83	79	81
MONTH	107	96	101	111	90	101	---	---	---	91	76	83

ROANOKE RIVER BASIN

0208062765 ROANOKE RIVER AT HALIFAX, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION—CONTINUED
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	JUNE			JULY			AUGUST			SEPTEMBER		
		MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	
1	85	80	82	67	62	64	62	57	59	70	61	65	
2	86	82	84	67	63	65	64	56	61	71	66	68	
3	85	79	82	68	63	66	63	59	60	72	66	69	
4	80	78	79	68	62	65	65	57	61	---	---	---	
5	81	77	79	72	64	67	69	61	65	---	---	---	
6	84	78	81	73	65	69	68	65	66	---	---	---	
7	84	80	82	77	71	74	70	62	65	---	---	---	
8	82	77	81	78	72	75	69	63	65	---	---	---	
9	85	76	79	79	72	75	63	59	61	---	---	---	
10	83	76	79	80	72	76	64	59	62	73	67	69	
11	80	74	77	79	75	76	62	58	59	75	67	71	
12	79	73	76	81	74	76	60	56	58	75	68	70	
13	80	74	78	81	74	77	60	54	57	74	70	72	
14	79	75	77	74	70	72	60	55	58	76	71	73	
15	80	75	77	71	66	68	61	56	58	80	71	74	
16	77	72	74	70	64	66	62	55	59	79	71	74	
17	72	67	69	70	64	67	63	56	60	78	66	72	
18	70	66	68	71	67	69	65	60	62	78	68	73	
19	71	65	67	69	64	67	62	56	59	75	66	71	
20	72	67	70	70	64	67	57	51	52	80	70	73	
21	74	69	72	68	64	65	52	47	49	76	70	72	
22	75	71	73	66	59	63	53	48	50	72	64	68	
23	79	73	75	66	62	64	59	52	55	78	62	67	
24	79	73	76	68	64	66	62	54	57	78	70	73	
25	78	72	75	68	58	62	65	58	60	77	71	74	
26	75	72	73	62	57	59	65	58	61	76	72	74	
27	75	70	72	65	54	59	68	58	63	74	71	72	
28	73	69	70	66	59	62	67	61	65	74	70	72	
29	70	64	68	66	63	65	70	61	65	74	69	72	
30	67	63	64	65	59	62	69	63	66	78	72	75	
31	---	---	---	65	62	64	69	64	67	---	---	---	
MONTH	86	63	75	81	54	67	70	47	60	---	---	---	