

0208062765 ROANOKE RIVER AT HALIFAX, NC—Continued

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	8.7, March 12, 2004	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	126, January 28	87, October 29
pH, standard units	8.7, March 12	6.9, November 5, January 7, June 28, 29, 30, September 9
WATER TEMPERATURE, °C	29.6, July 13	2.3, January 26
DISSOLVED OXYGEN, mg/L	12.8, February 18	5.0, July 3, 4, August 30, 31
DISSOLVED OXYGEN, PERCENT SATURATION, %	114, June 20	59, July 3

ROANOKE RIVER BASIN

0208062765 ROANOKE RIVER AT HALIFAX, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	90	89	90	108	89	93	109	95	98	103	102	102
2	91	90	91	107	88	91	114	95	100	103	102	103
3	91	90	91	107	88	91	106	95	98	111	102	103
4	93	91	92	109	89	91	111	96	99	114	104	105
5	94	92	94	114	89	92	109	96	99	111	103	105
6	95	93	94	106	90	94	112	95	99	113	102	105
7	94	93	94	103	91	94	111	95	98	111	100	103
8	96	93	95	107	92	96	109	95	98	112	101	103
9	96	95	95	106	91	95	110	95	99	112	101	103
10	96	95	95	102	91	93	110	95	99	112	101	105
11	95	95	95	104	91	94	104	91	95	114	101	104
12	95	94	95	104	91	94	102	93	95	114	101	104
13	95	94	94	107	91	96	95	94	95	114	101	104
14	96	94	95	103	90	92	95	92	94	114	101	104
15	94	93	94	105	91	94	94	93	93	113	101	104
16	93	93	93	107	91	95	95	94	94	113	101	104
17	94	93	94	104	91	94	95	93	94	114	100	103
18	94	94	94	105	91	94	94	93	94	114	101	105
19	112	92	96	107	91	94	94	93	94	115	101	105
20	107	91	95	101	91	92	94	92	93	114	101	105
21	104	91	94	105	92	95	94	93	93	121	101	107
22	110	91	94	110	93	96	94	93	94	122	101	109
23	103	89	91	112	93	98	94	94	94	122	103	109
24	102	88	92	105	93	95	96	94	94	125	102	115
25	107	89	94	107	93	97	97	96	96	124	122	123
26	111	89	93	107	94	97	98	97	97	123	121	122
27	109	90	92	110	94	97	100	97	98	123	102	109
28	102	89	93	109	95	100	100	99	100	126	101	106
29	102	87	91	111	95	98	102	100	100	110	100	102
30	102	89	92	110	95	98	102	101	102	115	100	103
31	101	89	92	---	---	---	102	102	102	120	101	112
MONTH	112	87	93	114	88	95	114	91	97	126	100	106
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	121	119	120	114	104	106	111	106	109	106	103	105
2	120	103	116	114	104	106	108	104	105	106	105	106
3	117	102	110	115	104	107	106	104	105	107	104	105
4	117	102	109	114	104	106	106	104	105	106	104	105
5	119	100	105	114	104	106	106	104	105	106	105	105
6	111	97	102	113	104	106	106	103	104	107	105	106
7	111	95	100	122	113	120	108	103	106	107	105	106
8	112	98	102	123	110	121	109	105	107	107	106	107
9	108	98	100	122	108	115	108	106	107	108	106	107
10	111	96	101	120	108	114	107	105	107	---	---	---
11	99	96	97	120	105	113	108	105	107	---	---	---
12	98	96	97	120	106	113	108	106	107	108	107	108
13	98	95	96	118	103	107	107	103	105	---	---	---
14	98	95	96	120	103	106	104	102	103	109	107	108
15	112	95	98	111	105	108	105	98	101	109	107	108
16	98	95	96	110	102	107	99	98	98	109	108	109
17	98	95	96	112	103	109	98	98	98	109	108	108
18	98	95	96	109	100	102	100	98	99	110	108	109
19	98	95	96	108	100	103	100	99	100	110	108	109
20	98	96	96	108	99	102	100	99	100	111	109	110
21	97	96	97	111	99	107	100	100	100	111	109	110
22	98	97	97	111	105	108	101	100	100	111	109	110
23	99	97	98	110	101	104	101	100	101	109	107	109
24	100	98	99	112	100	107	102	100	101	109	108	108
25	102	99	100	108	101	104	104	101	103	109	108	108
26	103	101	102	111	104	108	104	103	104	109	108	109
27	104	101	102	111	109	110	104	103	103	109	105	108
28	110	102	104	112	109	110	105	103	104	109	107	108
29	113	104	106	113	109	111	104	103	104	109	106	108
30	---	---	---	112	110	111	103	102	103	111	108	110
31	---	---	---	113	110	112	---	---	---	111	109	111
MONTH	121	95	101	123	99	109	111	98	103	---	---	---

0208062765 ROANOKE RIVER AT HALIFAX, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	110	107	109	111	103	105	113	105	111	106	104	105
2	109	107	108	113	104	107	112	100	107	120	105	107
3	109	107	109	112	104	107	107	100	103	114	106	108
4	110	106	108	112	104	107	110	104	106	114	107	109
5	108	106	107	113	104	107	116	106	109	118	107	109
6	107	105	106	114	104	107	116	105	109	123	107	111
7	108	106	107	113	104	107	115	106	110	124	107	111
8	107	106	106	114	104	107	112	106	108	123	107	112
9	109	106	108	114	104	108	115	106	108	118	91	102
10	107	105	105	114	105	108	116	107	109	112	104	106
11	106	104	105	115	108	112	116	104	109	120	104	106
12	106	104	104	116	109	113	118	108	110	121	104	106
13	105	104	105	115	107	111	119	109	111	119	104	106
14	105	104	104	117	107	112	110	103	108	120	103	105
15	105	104	105	121	115	118	107	102	105	117	103	106
16	112	102	105	122	118	120	107	100	103	119	103	105
17	110	101	103	121	117	119	105	100	103	118	103	105
18	110	101	103	119	108	113	112	103	105	117	102	104
19	111	101	104	116	113	114	114	105	107	117	102	105
20	111	101	104	117	108	113	115	108	109	118	102	105
21	110	101	104	114	106	108	117	109	110	121	102	104
22	111	101	104	114	104	107	123	109	111	115	102	103
23	107	101	103	115	106	109	123	110	112	115	102	104
24	114	102	106	115	105	109	123	110	113	116	102	104
25	109	101	103	113	103	107	123	110	113	114	102	105
26	110	101	103	112	103	107	123	111	115	123	103	106
27	109	101	102	112	107	109	122	111	114	116	101	105
28	110	101	103	108	101	104	120	109	114	105	101	102
29	111	102	104	107	101	104	121	113	117	115	102	104
30	109	103	105	104	100	103	119	107	114	114	102	103
31	---	---	---	112	102	107	107	103	104	---	---	---
MONTH	114	101	105	122	100	109	123	100	109	124	91	106

0208062765 ROANOKE RIVER AT HALIFAX, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

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

0208062765 ROANOKE RIVER AT HALIFAX, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

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

ROANOKE RIVER BASIN

0208062765 ROANOKE RIVER AT HALIFAX, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.8	22.4	22.6	18.4	16.9	17.4	12.4	11.6	12.0	7.8	7.4	7.6
2	22.7	22.2	22.4	18.9	17.4	17.7	11.9	10.5	11.2	7.7	7.4	7.6
3	22.2	21.4	21.7	18.9	17.3	17.7	11.0	10.2	10.8	8.1	7.5	7.8
4	21.6	20.8	21.2	18.6	17.7	17.9	10.6	9.9	10.4	8.5	7.9	8.2
5	21.6	21.0	21.3	19.1	17.7	18.1	10.4	9.9	10.2	9.2	8.3	8.7
6	21.7	21.1	21.3	18.9	17.8	18.3	10.2	9.6	10.0	9.3	8.8	9.0
7	21.7	21.1	21.4	18.9	18.4	18.6	9.9	9.0	9.6	8.8	7.3	8.1
8	21.4	21.0	21.2	18.4	17.5	17.8	9.7	8.8	9.4	7.6	6.6	7.2
9	21.5	21.0	21.2	17.6	16.4	17.2	9.7	8.7	9.2	7.0	6.4	6.7
10	21.3	20.8	21.0	16.9	15.9	16.7	9.9	9.0	9.4	6.4	5.5	6.0
11	21.0	20.6	20.8	16.5	15.2	15.8	10.0	9.7	9.9	5.8	4.7	5.5
12	20.9	20.4	20.6	16.9	15.6	16.0	9.8	9.1	9.5	6.2	5.0	5.5
13	21.1	20.6	20.8	16.6	15.1	15.9	9.3	8.9	9.2	6.2	5.2	5.7
14	20.9	20.5	20.7	15.3	14.3	15.0	8.9	8.4	8.6	6.1	5.2	5.7
15	20.7	20.3	20.5	14.6	13.9	14.4	8.4	8.1	8.3	6.2	5.6	5.9
16	20.4	19.5	19.9	14.3	13.8	13.9	8.3	8.0	8.1	6.1	5.2	5.8
17	20.3	19.2	19.7	14.9	13.8	14.2	8.5	8.2	8.4	6.0	5.0	5.6
18	20.0	19.3	19.6	15.2	14.5	14.7	8.3	8.0	8.2	6.1	5.6	5.7
19	20.0	18.7	19.2	15.3	14.7	15.0	8.0	7.7	7.8	6.0	5.7	5.8
20	20.3	19.0	19.3	15.4	14.7	15.2	7.7	7.4	7.7	5.7	4.8	5.3
21	20.0	19.0	19.3	15.5	14.2	14.9	7.4	7.1	7.3	5.4	4.5	5.2
22	19.8	18.9	19.4	15.2	14.5	14.9	7.3	6.9	7.1	5.5	4.5	5.2
23	19.1	17.9	18.7	15.0	14.4	14.6	7.8	7.1	7.4	5.6	4.8	5.3
24	18.8	17.4	18.3	15.4	14.1	14.6	8.3	7.7	8.0	5.2	4.8	5.0
25	18.3	17.1	17.8	15.2	13.8	14.4	8.2	7.6	8.0	5.1	2.7	4.1
26	18.5	17.9	18.0	14.3	13.2	13.9	7.6	7.2	7.4	3.5	2.3	2.6
27	18.9	17.9	18.2	14.1	13.2	13.8	7.4	7.0	7.2	3.9	3.5	3.8
28	18.1	17.4	17.8	14.4	13.8	14.0	7.4	7.0	7.2	3.8	2.8	3.5
29	17.8	16.9	17.5	14.3	12.2	13.2	7.6	7.2	7.4	3.8	2.8	3.1
30	17.7	16.6	17.3	12.6	11.7	12.4	7.9	7.5	7.7	3.7	3.0	3.3
31	17.6	16.6	17.1	---	---	---	8.1	7.7	7.8	3.6	2.5	3.3
MONTH	22.8	16.6	19.9	19.1	11.7	15.6	12.4	6.9	8.7	9.3	2.3	5.7
	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3.2	2.6	3.1	7.5	5.8	6.3	12.7	12.3	12.5	18.7	17.6	18.1
2	4.5	3.1	3.5	7.6	6.4	6.8	12.9	12.0	12.3	19.1	17.8	18.4
3	4.5	3.6	4.0	8.9	7.1	7.7	12.6	11.6	12.1	19.1	18.2	18.7
4	4.4	3.5	3.9	9.7	7.7	8.3	12.8	11.7	12.3	18.8	17.6	18.1
5	4.5	3.4	4.1	10.4	8.7	9.3	12.9	10.9	11.8	18.6	17.0	17.7
6	4.9	4.0	4.3	10.4	9.3	9.7	12.9	10.8	11.8	19.6	17.9	18.6
7	5.4	4.9	5.1	10.8	10.4	10.6	13.8	11.4	12.5	21.1	17.6	18.8
8	5.1	4.4	4.6	11.0	9.8	10.4	14.0	12.6	13.4	21.1	19.6	20.0
9	4.9	3.9	4.3	10.3	9.3	9.8	14.5	12.6	13.5	20.9	18.1	19.3
10	4.9	4.5	4.7	10.2	8.8	9.4	14.7	13.2	13.7	22.2	20.0	20.9
11	4.8	4.4	4.6	9.8	8.6	9.1	13.6	12.4	13.1	22.1	20.6	21.2
12	4.6	4.3	4.4	10.9	9.7	10.1	13.6	12.8	13.1	22.2	20.9	21.5
13	4.6	4.1	4.3	10.6	8.9	9.5	13.4	12.6	12.9	22.7	21.0	21.8
14	4.7	4.2	4.4	10.6	8.9	9.6	13.6	13.0	13.2	22.9	22.0	22.4
15	5.0	4.4	4.8	11.0	9.8	10.1	13.6	12.5	13.0	23.7	22.0	22.6
16	4.9	4.4	4.5	10.6	10.1	10.5	13.5	12.2	12.8	23.7	22.8	23.2
17	4.4	4.2	4.3	10.4	9.3	9.8	14.3	12.7	13.3	23.6	22.3	22.9
18	4.6	4.2	4.4	9.9	9.2	9.6	15.1	13.9	14.4	23.6	21.7	22.6
19	5.1	4.2	4.6	10.4	9.5	10	15.9	14.0	14.9	24.3	22.8	23.6
20	5.5	4.7	5.1	11.1	9.3	10.3	16.5	15.4	15.9	24.3	23.4	23.8
21	5.9	5.2	5.5	11.8	10.7	11.4	16.9	15.6	16.2	24.2	22.1	23.1
22	6.1	5.5	5.7	11.4	9.6	10.2	17.3	16.1	16.7	24.2	22.2	23.1
23	6.0	5.6	5.8	10.2	9.2	9.7	17.6	16.4	16.9	25.8	22.1	23.8
24	5.8	5.6	5.7	11.7	9.3	10.5	17.6	17.3	17.4	26.2	24.8	25.5
25	6.0	5.5	5.7	11.8	10.0	10.8	18.3	16.9	17.4	26.1	25.2	25.7
26	5.5	5.2	5.3	12.7	11.5	12.4	18.2	17.2	17.7	26.4	25.0	25.6
27	5.3	4.9	5.1	13.6	12.6	13.3	18.4	17.7	18.0	26.2	25.4	25.9
28	6.1	4.8	5.1	14.6	13.6	14.4	18.1	17.0	17.5	26.1	25.3	25.6
29	6.8	4.9	5.5	14.5	11.7	13.2	18.5	16.9	17.6	25.8	24.8	25.2
30	---	---	---	12.4	11.7	12.0	18.9	17.2	18.0	25.6	23.8	24.2
31	---	---	---	12.8	11.9	12.6	---	---	---	25.1	23.9	24.4
MONTH	6.8	2.6	4.7	14.6	5.8	10.2	18.9	10.8	14.5	26.4	17.0	22.1

0208062765 ROANOKE RIVER AT HALIFAX, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	25.4	24.3	24.8	26.8	23.9	24.6	28.6	26.8	27.5	26.6	25.8	26.2
2	25.4	24.1	24.8	26.0	24.2	24.8	27.7	26.7	27.1	27.1	25.8	26.2
3	25.5	24.1	24.8	25.8	23.8	24.5	27.9	26.3	26.8	26.8	25.7	26.1
4	25.5	22.8	23.5	26.4	24.2	24.8	29.2	26.9	27.6	26.9	25.8	26.2
5	23.7	22.7	23.1	27.1	24.7	25.6	28.2	27.6	27.9	26.9	25.7	26.1
6	23.7	22.9	23.3	27.1	26.0	26.4	28.1	27.0	27.4	27.1	25.9	26.2
7	23.7	22.4	22.9	27.1	26.0	26.3	27.8	26.2	26.7	27.0	26.0	26.2
8	23.6	22.1	22.8	28.2	26.1	26.7	27.6	26.1	26.6	27.2	25.9	26.3
9	24.3	22.4	23.3	28.7	26.3	27.0	27.4	26.2	26.6	26.4	25.1	25.8
10	25.5	22.9	24.3	28.4	27.0	27.5	27.5	26.0	26.5	26.6	25.8	26.2
11	25.4	23.9	24.6	28.3	26.5	27.3	27.6	26.4	26.7	26.5	25.7	26.0
12	25.4	23.1	24.4	28.6	26.4	27.3	27.2	26.2	26.5	26.6	25.7	26.1
13	24.5	22.9	23.7	29.6	26.8	27.8	26.6	26.0	26.2	26.4	25.5	25.9
14	24.4	23.6	23.9	29.4	28.2	28.6	26.2	24.8	25.7	26.0	25.4	25.7
15	24.3	23.1	23.8	29.3	28.5	28.9	24.8	23.9	24.3	26.0	25.2	25.6
16	24.7	23.3	23.9	29.3	28.5	29.0	25.3	23.6	24.1	26.1	25.3	25.5
17	25.2	23.3	24.0	29.5	28.3	28.8	25.2	24.1	24.6	26.2	25.3	25.5
18	26.7	24.4	25.1	29.1	27.0	27.8	25.6	24.6	25.0	25.4	24.7	25.1
19	27.4	25.1	25.7	29.3	27.9	28.4	26.0	25.0	25.4	25.0	23.7	24.5
20	26.7	25.1	25.6	29.3	27.4	28.2	26.2	25.6	25.9	24.3	23.2	23.8
21	26.8	24.5	25.1	29.5	27.2	27.9	26.8	25.9	26.2	24.1	22.9	23.5
22	26.2	24.6	25.1	29.2	27.4	27.9	26.8	26.1	26.4	24.3	23.2	23.6
23	26.5	25.5	26.0	28.1	27.4	27.7	27.5	25.7	26.2	24.5	23.7	23.9
24	26.4	24.5	25.2	27.6	27.2	27.4	27.7	25.9	26.4	24.4	23.6	23.8
25	26.2	24.8	25.2	28.7	27.0	27.6	27.6	25.9	26.4	24.7	23.5	23.8
26	26.0	24.8	25.1	28.6	27.0	27.7	27.6	25.6	26.2	24.8	23.5	23.9
27	25.4	24.8	25.1	28.9	27.1	27.9	28.0	25.7	26.4	24.0	23.4	23.6
28	25.8	24.6	24.9	28.1	26.7	27.2	28.2	26.0	26.7	24.0	23.6	23.7
29	26.4	24.2	24.9	27.7	26.6	27.0	28.1	26.3	27.0	24.4	23.4	23.6
30	25.3	24.1	24.4	28.7	26.4	27.2	27.8	25.5	26.2	23.8	23.1	23.4
31	---	---	---	28.5	26.7	27.4	27.1	25.8	26.4	---	---	---
MONTH	27.4	22.1	24.4	29.6	23.8	27.2	29.2	23.6	26.3	27.2	22.9	25.1

ROANOKE RIVER BASIN

0208062765 ROANOKE RIVER AT HALIFAX, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

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

0208062765 ROANOKE RIVER AT HALIFAX, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	JUNE			JULY			AUGUST			SEPTEMBER		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.8	6.4	6.9	8.4	5.3	5.9	8.0	5.9	6.7	5.8	5.3	5.5			
2	8.0	6.5	7.1	7.9	5.2	5.8	7.3	5.5	6.1	7.3	5.1	5.4			
3	8.0	6.4	7.1	8.0	5.0	5.7	7.2	5.2	5.9	6.6	5.1	5.6			
4	8.0	6.5	6.9	8.1	5.0	5.6	7.9	5.7	6.2	6.9	5.4	5.9			
5	7.6	6.4	6.7	8.2	5.1	5.8	7.7	5.4	6.1	7.5	5.6	5.9			
6	7.9	6.8	7.3	8.1	5.3	5.8	8.3	5.6	6.2	7.6	5.5	5.9			
7	7.8	6.5	7.0	7.9	5.1	5.7	8.4	5.7	6.3	7.7	5.7	6.0			
8	7.9	6.8	7.2	8.0	5.4	5.8	8.4	6.0	6.6	7.6	5.7	6.1			
9	8.3	6.6	7.3	8.0	5.3	5.8	8.3	6.3	6.6	6.8	5.4	5.9			
10	8.0	6.6	7.1	7.8	5.3	5.9	8.4	6.1	6.5	6.4	5.8	6.1			
11	---	---	---	7.9	5.5	6.4	8.4	6.2	6.6	6.9	5.7	6.0			
12	---	---	---	8.0	5.8	6.6	8.1	5.9	6.3	7.0	5.6	6.0			
13	7.6	6.5	6.9	8.0	5.3	6.2	7.6	5.6	6.0	6.6	5.8	6.1			
14	7.5	6.6	6.9	7.4	5.3	6.0	6.2	5.7	5.9	6.7	5.8	6.0			
15	---	---	---	7.6	6.0	6.6	7.0	6.1	6.6	7.3	5.9	6.1			
16	---	---	---	7.5	5.9	6.6	7.8	5.9	6.8	7.8	6.0	6.2			
17	---	---	---	7.7	5.9	6.7	6.4	5.8	6.1	7.1	5.8	6.1			
18	8.3	6.2	6.7	7.7	5.6	6.3	6.7	5.7	6.0	6.9	6.0	6.2			
19	8.6	6.1	6.7	7.7	5.8	6.7	6.6	5.5	5.8	8.0	6.2	6.5			
20	9.1	6.4	7.0	7.7	5.5	6.2	7.6	5.7	6.0	8.1	6.3	6.6			
21	---	---	---	8.0	5.4	5.9	7.4	5.7	6.1	7.4	6.5	6.8			
22	---	---	---	7.9	5.5	6.0	7.4	5.8	6.2	8.0	6.7	7.1			
23	---	---	---	6.7	5.4	5.8	8.1	5.7	6.2	7.9	6.6	7.0			
24	---	---	---	6.9	5.2	5.7	8.2	5.9	6.3	7.6	6.4	6.9			
25	---	---	---	7.7	5.8	6.3	8.3	5.8	6.3	8.2	6.5	6.8			
26	---	---	---	7.4	5.5	6.1	8.3	5.5	6.2	7.9	6.5	6.8			
27	---	---	---	8.0	5.9	6.6	8.2	5.5	6.2	7.4	6.3	6.6			
28	---	---	---	7.2	5.6	6.1	8.0	5.5	6.1	---	---	---			
29	7.9	5.6	6.0	7.4	5.5	6.1	7.8	5.7	6.4	8.3	6.3	6.7			
30	7.8	5.4	5.9	8.0	5.6	6.5	7.5	5.0	6.2	7.3	6.5	6.7			
31	---	---	---	7.8	5.5	6.3	6.9	5.0	5.9	---	---	---			
MONTH	---	---	---	8.4	5.0	6.1	8.4	5.0	6.2	---	---	---			

0208062765 ROANOKE RIVER AT HALIFAX, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

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

0208062765 ROANOKE RIVER AT HALIFAX, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	95	78	83	105	63	71	104	74	86	72	66	68
2	98	78	86	98	62	70	93	69	77	92	63	68
3	98	77	85	99	59	69	92	65	74	83	63	69
4	98	76	82	101	60	68	103	72	79	87	67	73
5	90	74	79	103	62	71	99	69	78	94	69	73
6	94	79	85	102	66	73	107	71	79	96	68	73
7	92	75	81	100	63	71	107	71	79	97	70	75
8	93	78	83	103	67	73	107	74	83	96	70	76
9	99	76	86	104	66	73	105	78	83	85	66	73
10	98	77	86	101	67	75	107	75	82	80	71	76
11	---	---	---	101	69	81	107	78	83	86	70	74
12	---	---	---	104	72	83	102	73	79	87	69	74
13	91	76	82	105	67	79	95	69	75	82	71	75
14	90	78	82	97	68	78	77	70	72	83	71	74
15	---	---	---	99	78	86	83	74	79	90	72	75
16	---	---	---	98	77	87	95	71	81	96	73	76
17	---	---	---	101	77	87	78	69	73	88	71	74
18	104	76	82	101	71	81	82	69	73	84	73	76
19	109	76	83	101	75	86	81	67	72	97	75	78
20	114	79	85	101	70	80	94	70	74	97	75	79
21	---	---	---	105	69	76	93	70	76	88	76	80
22	---	---	---	103	70	77	93	72	77	96	79	84
23	---	---	---	86	69	74	103	70	76	95	78	83
24	---	---	---	88	66	72	105	73	79	91	76	82
25	---	---	---	100	73	81	106	72	78	99	77	81
26	---	---	---	96	69	78	106	68	77	96	77	81
27	---	---	---	104	76	85	105	68	77	88	74	79
28	---	---	---	92	70	77	103	68	76	---	---	---
29	98	67	72	94	69	77	100	71	81	100	75	80
30	95	64	71	104	70	82	96	62	77	86	76	79
31	---	---	---	101	69	80	87	62	73	---	---	---
MONTH	---	---	---	105	59	77	107	62	78	---	---	---