

02081094 ROANOKE RIVER AT JAMESVILLE, NC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1955 to 1967, 1998 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1955 to September 1967, March 1998 to current year

pH: March 1998 to current year.

WATER TEMPERATURE: October 1955 to September 1967, 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. Dissolved oxygen, minimum extremes are reported only as <1.0 mg/L. Dissolved oxygen, percent saturation, minimum extremes are reported only as <10%.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	182, April 11, 1999	36, September 19-21, 1999
pH, standard units	7.7, June 14, 15, 16, 17, 2002	5.6, May 3, 1998, September 18, 19, 1999
WATER TEMPERATURE, °C	31.4, August 3, 2002	2.2, January 5, 6, 2001, January 28, 29, 2003
DISSOLVED OXYGEN, mg/L	14.3, January 8, 1999	<1.0, September 21-30, 2003
DISSOLVED OXYGEN, PERCENT SATURATION, %	112, January 8, 1999	<10, September 21-30, 2003

EXTREMES FOR CURRENT YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	122, July 22	74, August 18
pH, standard units	7.5, February 13, 14, April 19, 20	6.5, on several days during the year
WATER TEMPERATURE, °C	29.7, July 15, 22	2.5, January 30
DISSOLVED OXYGEN, mg/L	12.9, January 31, February 1	1.0, October 1
DISSOLVED OXYGEN, PERCENT SATURATION, %	105, March 4	11, October 1

02081094 ROANOKE RIVER AT JAMESVILLE, 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	91	90	91	93	89	91	104	97	100	95	93	94
2	91	90	90	94	89	92	104	98	101	96	94	95
3	91	89	89	95	91	93	103	99	100	97	95	96
4	89	88	89	98	92	94	103	98	100	97	96	97
5	89	87	88	100	92	95	105	98	101	98	97	97
6	89	88	89	100	93	95	104	96	99	97	95	96
7	90	89	90	101	93	96	103	98	100	96	95	95
8	91	90	90	101	94	97	103	98	100	96	95	95
9	92	90	91	102	94	96	103	98	100	97	95	96
10	93	91	92	99	93	95	107	97	99	97	95	96
11	94	92	93	99	94	97	101	97	99	98	95	96
12	94	93	93	99	94	97	100	95	97	99	96	97
13	95	94	94	98	95	97	99	93	96	100	97	99
14	95	94	94	100	95	97	94	88	90	102	98	100
15	95	94	94	99	96	97	89	87	88	103	98	100
16	95	94	95	100	95	97	90	88	89	103	99	101
17	96	94	95	98	93	95	89	88	89	103	99	101
18	95	94	95	100	94	97	89	88	89	103	99	101
19	95	94	95	100	95	98	89	89	89	103	99	101
20	96	95	96	99	94	97	90	88	89	103	99	101
21	97	96	97	98	93	96	89	88	89	105	99	101
22	102	97	98	99	93	96	89	88	89	105	100	102
23	103	96	98	97	93	94	89	88	89	105	100	103
24	101	96	99	100	94	96	89	87	88	104	102	103
25	100	96	98	101	95	97	89	88	88	107	103	105
26	104	95	99	102	95	98	90	88	89	113	104	109
27	100	96	98	101	95	97	90	88	89	114	104	108
28	102	96	98	101	96	98	91	89	90	115	105	109
29	103	93	97	101	97	98	92	90	91	117	107	112
30	99	90	93	103	97	99	93	92	92	118	103	112
31	96	89	91	---	---	---	94	91	93	111	97	102
MONTH	104	87	94	103	89	96	107	87	94	118	93	101
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	100	97	98	97	96	96	111	105	109	106	104	105
2	101	99	100	98	96	97	115	111	114	107	98	106
3	103	100	102	100	97	99	116	113	114	107	102	104
4	108	100	104	102	99	100	117	114	115	105	97	103
5	114	102	107	103	101	102	116	113	114	105	99	103
6	115	106	113	105	102	103	114	108	111	105	102	104
7	107	103	105	105	103	104	109	106	108	105	101	104
8	108	95	100	105	102	103	109	107	108	106	103	105
9	100	93	96	105	102	104	109	108	109	107	101	105
10	99	91	94	104	103	103	110	108	109	107	104	106
11	99	93	96	105	102	103	111	107	109	106	105	105
12	100	94	97	114	105	111	112	110	111	106	104	105
13	100	95	96	115	112	114	111	109	110	106	105	106
14	96	95	96	115	109	112	111	109	110	106	105	106
15	96	95	95	116	110	113	111	109	110	107	105	106
16	95	93	94	115	110	113	111	108	110	107	106	106
17	94	91	93	114	105	110	109	102	104	107	105	106
18	97	91	94	111	104	107	103	98	100	108	106	107
19	95	93	94	110	104	106	99	98	98	108	107	107
20	95	94	94	108	106	107	100	98	99	109	107	108
21	95	94	94	107	100	104	101	99	100	110	108	109
22	95	94	94	103	100	101	102	100	101	111	109	110
23	95	94	94	103	100	101	103	101	102	110	108	109
24	95	94	94	104	100	102	103	101	102	110	108	109
25	95	94	95	106	102	105	103	101	102	111	110	110
26	95	94	94	110	102	107	102	101	102	111	108	109
27	94	93	94	110	108	109	101	100	100	108	107	108
28	95	94	95	109	105	106	103	101	102	108	107	107
29	96	95	96	110	105	109	104	102	103	109	107	107
30	---	---	---	108	103	105	104	103	104	109	108	108
31	---	---	---	107	105	106	---	---	---	109	107	108
MONTH	115	91	97	116	96	105	117	98	106	111	97	106

02081094 ROANOKE RIVER AT JAMESVILLE, 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	109	107	108	107	103	105	110	105	108	115	106	110
2	110	108	109	107	102	104	111	107	110	115	104	108
3	112	110	111	106	103	104	110	107	109	105	104	104
4	112	107	110	107	102	105	110	107	108	106	102	104
5	108	101	105	107	102	105	109	105	107	110	102	105
6	106	102	104	110	103	107	107	98	100	108	101	105
7	109	106	107	110	105	108	100	97	98	106	101	103
8	---	---	---	109	104	107	100	98	99	108	104	105
9	107	106	107	110	104	107	105	99	102	109	104	106
10	108	106	107	111	104	108	110	103	106	111	105	108
11	109	107	107	111	104	108	108	104	106	113	99	108
12	109	107	108	108	102	106	110	104	106	106	96	102
13	109	104	106	109	102	106	108	104	105	104	99	102
14	106	104	105	108	105	106	107	100	104	107	99	103
15	107	105	106	113	108	111	104	99	102	108	101	104
16	106	105	106	114	112	114	100	87	96	108	103	105
17	106	105	106	117	113	115	87	78	83	109	104	106
18	107	105	106	116	112	113	78	74	76	109	103	105
19	109	105	106	117	113	115	85	78	83	110	103	106
20	109	101	104	117	105	114	84	82	83	108	103	105
21	107	103	104	120	113	118	86	84	85	108	102	104
22	108	104	106	122	116	120	88	85	86	110	102	104
23	111	104	107	119	115	117	91	87	89	111	103	106
24	112	106	108	119	111	116	93	91	92	110	103	105
25	111	104	108	114	103	110	96	93	94	108	103	104
26	109	103	106	115	108	111	98	92	95	108	103	105
27	111	103	108	112	106	109	100	97	98	108	103	105
28	108	103	105	113	107	109	102	100	100	107	104	105
29	107	102	104	114	105	109	106	100	103	110	105	107
30	107	102	104	107	101	104	108	103	105	114	107	109
31	---	---	---	111	107	109	110	104	106	---	---	---
MONTH	---	---	---	122	101	110	111	74	98	115	96	105

ROANOKE RIVER BASIN

02081094 ROANOKE RIVER AT JAMESVILLE, 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
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	6.5	6.5	6.5	6.9	6.9	6.9	7.1	7.0	7.1	7.0	7.0	7.0
2	6.5	6.5	6.5	6.9	6.9	6.9	7.1	7.1	7.1	7.0	7.0	7.0
3	6.5	6.5	6.5	6.9	6.9	6.9	7.1	7.1	7.1	7.0	7.0	7.0
4	6.6	6.5	6.6	6.9	6.9	6.9	7.2	7.1	7.1	7.0	7.0	7.0
5	6.6	6.6	6.6	7.1	6.9	6.9	7.2	7.2	7.2	7.0	6.9	7.0
6	6.6	6.6	6.6	7.1	7.0	7.0	7.2	7.1	7.1	7.0	6.9	6.9
7	6.6	6.6	6.6	7.1	7.0	7.0	7.2	7.1	7.1	6.9	6.9	6.9
8	6.6	6.5	6.6	7.1	7.0	7.0	7.2	7.1	7.1	7.0	6.9	6.9
9	6.6	6.5	6.5	7.1	7.0	7.0	7.2	7.1	7.2	7.0	6.9	6.9
10	6.6	6.5	6.5	7.1	7.0	7.0	7.2	7.2	7.2	7.0	6.9	6.9
11	6.6	6.5	6.6	7.1	7.0	7.1	7.2	7.1	7.2	7.0	7.0	7.0
12	6.6	6.6	6.6	7.2	7.0	7.1	7.1	7.1	7.1	7.0	7.0	7.0
13	6.6	6.6	6.6	7.0	7.0	7.0	7.1	7.1	7.1	7.0	7.0	7.0
14	6.7	6.6	6.7	7.0	7.0	7.0	7.1	7.0	7.1	7.0	7.0	7.0
15	6.7	6.7	6.7	7.0	7.0	7.0	7.0	7.0	7.0	7.1	7.0	7.0
16	6.8	6.7	6.7	7.0	7.0	7.0	7.2	7.0	7.1	7.0	7.0	7.0
17	6.8	6.7	6.7	7.0	7.0	7.0	7.2	7.1	7.2	7.1	7.0	7.0
18	6.8	6.7	6.7	7.0	7.0	7.0	7.1	7.1	7.1	7.1	7.1	7.1
19	6.8	6.7	6.8	7.1	7.0	7.1	7.1	7.0	7.0	7.1	7.1	7.1
20	6.8	6.7	6.8	7.1	7.0	7.0	7.0	6.9	7.0	7.1	7.1	7.1
21	6.8	6.7	6.7	7.0	7.0	7.0	7.0	6.9	6.9	7.1	7.1	7.1
22	6.8	6.7	6.8	7.0	7.0	7.0	7.0	7.0	7.0	7.1	7.0	7.1
23	6.8	6.7	6.8	7.0	7.0	7.0	7.0	7.0	7.0	7.1	7.0	7.0
24	6.8	6.8	6.8	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
25	7.0	6.8	6.9	7.1	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
26	7.0	6.9	7.0	7.1	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
27	7.0	6.9	6.9	7.1	7.0	7.1	7.0	7.0	7.0	7.0	7.0	7.0
28	7.0	6.9	6.9	7.1	7.0	7.1	7.1	7.0	7.0	7.0	7.0	7.0
29	7.0	7.0	7.0	7.1	7.0	7.0	7.0	6.9	7.0	7.1	7.0	7.0
30	7.0	6.9	6.9	7.1	7.0	7.0	7.0	6.9	7.0	7.3	7.1	7.2
31	7.0	6.9	6.9	---	---	---	7.0	6.9	7.0	7.4	7.3	7.4
MONTH	7.0	6.5	6.7	7.2	6.9	7.0	7.2	6.9	7.1	7.4	6.9	7.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	7.4	7.2	7.3	7.2	7.1	7.2	7.0	6.9	6.9	7.1	7.1	7.1
2	7.2	7.1	7.2	7.2	7.1	7.1	6.9	6.9	6.9	7.1	7.1	7.1
3	7.2	7.1	7.1	7.2	7.0	7.1	7.0	6.9	6.9	7.1	7.1	7.1
4	7.1	7.0	7.1	7.2	7.1	7.1	7.0	6.9	7.0	7.1	7.0	7.0
5	7.1	7.0	7.0	7.2	7.1	7.1	7.1	7.0	7.0	7.1	7.0	7.0
6	7.2	7.1	7.1	7.1	7.0	7.1	7.1	7.0	7.1	7.1	7.0	7.1
7	7.2	7.2	7.2	7.1	7.0	7.0	7.1	7.1	7.1	7.1	7.0	7.0
8	7.4	7.2	7.3	7.0	6.9	6.9	7.3	7.1	7.2	7.1	7.1	7.1
9	7.4	7.3	7.4	6.9	6.9	6.9	7.4	7.3	7.3	7.1	7.0	7.1
10	7.3	7.1	7.2	7.0	6.9	6.9	7.4	7.3	7.4	7.1	7.1	7.1
11	7.4	7.3	7.3	7.0	6.9	7.0	7.4	7.3	7.4	7.1	7.0	7.0
12	7.4	7.4	7.4	7.0	7.0	7.0	7.4	7.3	7.3	7.0	6.9	7.0
13	7.5	7.4	7.5	7.0	7.0	7.0	7.4	7.3	7.3	7.0	7.0	7.0
14	7.5	7.4	7.4	7.0	7.0	7.0	7.3	7.3	7.3	7.0	7.0	7.0
15	7.4	7.4	7.4	7.1	7.0	7.1	7.3	7.3	7.3	7.0	7.0	7.0
16	7.4	7.3	7.3	7.1	7.1	7.1	7.4	7.3	7.3	7.0	6.9	7.0
17	7.3	7.2	7.2	7.1	7.0	7.1	7.3	7.3	7.3	7.0	6.9	6.9
18	7.3	7.2	7.2	7.1	7.0	7.0	7.4	7.3	7.4	6.9	6.9	6.9
19	7.3	7.2	7.2	7.1	7.0	7.1	7.5	7.4	7.4	6.9	6.9	6.9
20	7.2	7.2	7.2	7.1	7.1	7.1	7.5	7.4	7.4	6.9	6.9	6.9
21	7.2	7.1	7.1	7.2	7.1	7.2	7.4	7.4	7.4	6.9	6.9	6.9
22	7.2	7.1	7.1	7.2	7.1	7.2	7.4	7.3	7.4	7.0	6.9	7.0
23	7.2	7.1	7.1	7.2	7.1	7.1	7.4	7.3	7.3	7.0	6.9	6.9
24	7.1	7.1	7.1	7.1	7.1	7.1	7.3	7.2	7.3	7.0	6.9	6.9
25	7.1	7.0	7.1	7.1	7.1	7.1	7.3	7.2	7.2	7.0	7.0	7.0
26	7.1	7.1	7.1	7.1	7.0	7.1	7.2	7.2	7.2	7.0	7.0	7.0
27	7.1	7.1	7.1	7.1	7.1	7.1	7.2	7.1	7.1	7.0	7.0	7.0
28	7.2	7.1	7.1	7.1	7.0	7.1	7.1	7.1	7.1	7.0	7.0	7.0
29	7.2	7.1	7.2	7.1	7.0	7.1	7.1	7.1	7.1	7.0	7.0	7.0
30	---	---	---	7.1	7.0	7.0	7.2	7.1	7.1	7.0	7.0	7.0
31	---	---	---	7.0	7.0	7.0	---	---	---	7.0	7.0	7.0
MONTH	7.5	7.0	7.2	7.2	6.9	7.1	7.5	6.9	7.2	7.1	6.9	7.0

02081094 ROANOKE RIVER AT JAMESVILLE, NC—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.2	7.0	7.0	6.9	6.9	6.9	7.0	7.0	7.0	6.9	6.6	6.7
2	7.3	7.2	7.3	6.9	6.8	6.9	7.1	7.0	7.0	6.9	6.8	6.8
3	7.3	7.3	7.3	6.9	6.8	6.8	7.1	7.0	7.0	6.9	6.9	6.9
4	7.4	7.3	7.3	6.8	6.7	6.8	7.1	7.0	7.0	6.9	6.8	6.9
5	7.4	7.1	7.2	6.8	6.7	6.8	7.1	7.0	7.1	6.8	6.8	6.8
6	7.3	7.2	7.2	6.8	6.8	6.8	7.0	6.9	6.9	6.8	6.8	6.8
7	7.3	7.1	7.2	6.8	6.8	6.8	6.9	6.9	6.9	6.8	6.7	6.7
8	---	---	---	6.8	6.8	6.8	6.9	6.9	6.9	6.7	6.7	6.7
9	7.2	7.1	7.1	7.0	6.8	6.9	7.0	6.9	6.9	6.8	6.7	6.8
10	7.2	7.1	7.1	7.1	7.0	7.0	7.1	7.0	7.0	6.8	6.7	6.8
11	7.2	7.1	7.2	7.1	7.0	7.1	7.1	7.0	7.1	6.9	6.8	6.9
12	7.2	7.2	7.2	7.0	7.0	7.0	7.1	7.1	7.1	6.9	6.8	6.9
13	7.2	7.2	7.2	7.0	7.0	7.0	7.1	7.1	7.1	6.9	6.9	6.9
14	7.2	7.2	7.2	7.0	7.0	7.0	7.1	7.0	7.1	6.9	6.9	6.9
15	7.2	7.2	7.2	7.1	7.0	7.0	7.1	7.0	7.0	6.9	6.9	6.9
16	7.2	7.2	7.2	7.1	7.1	7.1	7.0	6.7	6.9	6.9	6.8	6.9
17	7.2	7.1	7.2	7.1	7.1	7.1	6.7	6.6	6.7	6.9	6.8	6.8
18	7.1	7.1	7.1	7.1	7.1	7.1	6.6	6.5	6.6	6.8	6.8	6.8
19	7.1	7.1	7.1	7.1	7.0	7.1	6.6	6.6	6.6	6.9	6.8	6.8
20	7.1	7.0	7.0	7.1	7.0	7.0	6.6	6.6	6.6	6.9	6.8	6.9
21	7.0	7.0	7.0	7.1	7.0	7.1	6.6	6.6	6.6	6.8	6.8	6.8
22	7.0	6.9	7.0	7.1	7.1	7.1	6.6	6.6	6.6	6.9	6.8	6.8
23	7.0	6.9	7.0	7.1	7.1	7.1	6.6	6.6	6.6	7.0	6.9	6.9
24	7.0	7.0	7.0	7.1	7.1	7.1	6.6	6.6	6.6	7.0	7.0	7.0
25	7.0	7.0	7.0	7.1	7.1	7.1	6.6	6.6	6.6	7.0	7.0	7.0
26	7.0	7.0	7.0	7.1	7.1	7.1	6.6	6.6	6.6	7.1	7.0	7.0
27	7.1	7.0	7.0	7.1	7.0	7.0	6.6	6.6	6.6	7.1	7.0	7.1
28	7.1	6.9	7.0	7.1	7.0	7.0	6.6	6.6	6.6	7.0	6.9	6.9
29	6.9	6.9	6.9	7.0	7.0	7.0	6.6	6.6	6.6	7.0	6.9	6.9
30	6.9	6.8	6.9	7.0	6.9	6.9	6.6	6.6	6.6	7.0	6.9	7.0
31	---	---	---	7.0	7.0	7.0	6.6	6.5	6.6	---	---	---
MONTH	---	---	---	7.1	6.7	7.0	7.1	6.5	6.8	7.1	6.6	6.9

ROANOKE RIVER BASIN

02081094 ROANOKE RIVER AT JAMESVILLE, 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	20.9	20.3	20.5	16.7	16.3	16.5	12.5	12.1	12.4	7.5	6.9	7.2
2	20.4	19.6	20.0	16.8	16.4	16.6	12.1	11.1	11.7	7.9	7.2	7.5
3	19.6	18.4	18.9	17.0	16.6	16.8	11.2	10.4	10.9	8.5	7.6	8.1
4	19.0	18.2	18.6	17.9	17.0	17.5	10.6	10.1	10.4	9.7	8.5	9.1
5	19.4	18.7	19.0	18.7	17.9	18.3	10.2	9.6	10	11.2	9.7	10.3
6	19.6	18.8	19.2	19.0	18.6	18.8	9.7	9.3	9.5	11.2	9.7	10.6
7	19.9	19.2	19.5	19.2	19.0	19.0	9.3	8.9	9.1	9.7	7.4	8.3
8	19.9	19.6	19.8	19.1	18.2	18.6	9.0	8.6	8.8	7.4	6.6	6.8
9	20.6	19.9	20.2	18.2	16.8	17.3	8.7	8.4	8.6	6.6	5.8	6.2
10	20.5	20.3	20.4	16.8	16.3	16.5	9.1	8.5	8.7	5.9	4.8	5.4
11	20.4	20.0	20.2	16.3	16.0	16.1	9.3	9.0	9.2	4.8	3.8	4.2
12	20.5	19.8	20.1	16.3	16.0	16.1	9.2	9.0	9.1	4.4	3.7	4.0
13	20.7	20.0	20.3	16.4	15.6	16.1	9.2	9.0	9.1	4.8	4.1	4.4
14	20.6	20.1	20.2	15.6	14.4	15.1	9.1	8.6	8.9	5.0	4.6	4.8
15	20.2	19.5	19.9	14.4	14.2	14.3	8.6	8.0	8.2	5.3	5.0	5.2
16	19.5	18.8	19.1	14.3	14.1	14.2	8.3	7.7	8.0	5.3	5.0	5.2
17	19.0	18.3	18.7	14.5	14.1	14.3	8.5	8.0	8.3	5.1	4.8	4.9
18	18.9	18.4	18.7	14.8	14.4	14.7	8.1	7.3	7.6	5.6	4.9	5.2
19	18.4	17.7	18.1	15.1	14.7	14.9	7.4	6.7	7.1	5.8	5.5	5.7
20	18.3	17.8	18.1	15.0	14.7	14.8	6.7	5.9	6.2	5.6	5.2	5.4
21	18.4	17.9	18.2	14.9	14.6	14.7	5.9	5.2	5.5	5.2	4.9	5.1
22	18.6	18.4	18.5	14.7	14.6	14.6	5.8	5.0	5.4	5.0	4.7	4.8
23	18.4	17.6	18.0	14.7	14.4	14.6	7.0	5.6	6.1	4.9	4.6	4.7
24	17.7	17.2	17.5	14.7	14.5	14.6	8.2	7.0	7.7	4.9	4.5	4.7
25	17.3	17.1	17.2	14.7	14.2	14.5	8.2	7.3	7.8	4.7	4.1	4.3
26	17.3	17.2	17.2	14.2	13.8	14.0	7.3	6.5	6.8	4.1	3.7	3.8
27	17.6	17.3	17.4	13.8	13.5	13.7	6.8	6.2	6.5	3.7	3.5	3.6
28	17.8	17.5	17.7	14.1	13.6	13.8	6.8	6.2	6.5	3.6	3.2	3.4
29	17.6	17.4	17.5	13.8	12.8	13.3	7.2	6.3	6.7	3.2	2.8	3.0
30	17.4	16.9	17.1	12.9	12.4	12.7	8.1	7.2	7.7	3.8	2.5	3.1
31	17.2	16.5	16.7	---	---	---	7.8	7.1	7.4	3.8	3.3	3.5
MONTH	20.9	16.5	18.8	19.2	12.4	15.6	12.5	5.0	8.3	11.2	2.5	5.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3.3	3.0	3.2	7.8	6.4	7.1	14.4	13.8	14.0	18.8	18.5	18.6
2	3.5	2.9	3.2	9.2	7.8	8.4	14.4	14.2	14.3	19.2	18.7	18.9
3	3.6	3.4	3.5	10.5	9.0	9.7	14.3	13.9	14.1	19.4	18.6	19.0
4	4.0	3.4	3.7	11.4	9.9	10.6	14.0	13.4	13.8	18.6	17.8	18.2
5	4.3	3.8	4.1	12.3	11.1	11.7	13.4	12.8	13.1	18.3	17.4	17.9
6	5.4	4.2	4.7	12.7	12.2	12.4	13.4	12.6	13.0	19.0	18.1	18.5
7	6.2	5.4	5.8	13.1	12.3	12.7	13.8	12.8	13.3	19.8	18.7	19.2
8	5.8	5.3	5.6	12.9	12.3	12.6	14.4	13.3	13.8	20.1	19.6	19.8
9	5.6	5.3	5.5	12.3	11.7	11.8	15.1	14.0	14.5	20.8	20.0	20.4
10	5.9	5.6	5.7	11.8	10.6	11.2	15.2	14.4	14.8	21.0	20.8	20.9
11	5.7	5.4	5.5	10.6	10.1	10.4	15.8	14.8	15.3	22.1	21.0	21.7
12	5.5	5.0	5.2	11.0	10.3	10.6	15.6	15.3	15.4	21.8	21.4	21.6
13	5.2	4.9	5.1	10.9	10.5	10.7	15.8	15.3	15.5	22.7	21.7	22.4
14	5.1	5.0	5.1	10.6	10.4	10.5	15.5	14.8	15.1	23.1	22.7	22.9
15	5.1	5.0	5.1	10.9	10.6	10.8	14.8	14.2	14.4	23.5	22.8	23.2
16	5.1	4.2	4.6	11.4	10.8	11.1	14.5	14.0	14.2	23.8	23.3	23.5
17	4.5	4.4	4.4	11.2	10.7	11.1	14.8	14.0	14.4	24.2	23.7	23.9
18	5.0	4.2	4.6	11.0	10.4	10.7	14.9	14.3	14.6	24.5	23.8	24.1
19	5.4	4.4	4.9	11.5	10.6	11.0	15.3	14.4	14.9	24.9	23.9	24.4
20	6.5	5.1	5.7	11.3	10.7	11.0	16.4	15.2	15.8	25.0	24.2	24.6
21	7.7	6.4	6.9	11.5	10.8	11.2	16.9	16.2	16.6	25.3	24.3	24.7
22	7.8	6.9	7.3	11.4	10.9	11.1	18.1	16.8	17.5	25.5	24.4	24.9
23	7.7	6.8	7.3	11.4	10.8	11.1	18.4	17.6	18.0	26.1	25.1	25.5
24	7.6	7.2	7.3	11.5	10.8	11.2	18.6	18.3	18.5	26.0	25.3	25.6
25	7.6	6.7	7.1	12.0	11.3	11.6	18.6	18.1	18.3	25.9	25.0	25.4
26	7.1	5.7	6.3	12.7	11.8	12.3	19.1	18.0	18.5	25.8	25.2	25.3
27	5.7	5.2	5.4	13.1	12.1	12.6	18.9	18.4	18.7	27.1	25.8	26.7
28	6.0	4.6	5.3	13.7	13.1	13.3	18.6	17.7	18.2	27.2	26.8	27.0
29	6.9	5.3	6.0	13.7	13.2	13.5	18.5	17.4	18.0	26.8	26.4	26.6
30	---	---	---	14.0	13.5	13.8	18.8	18.0	18.4	26.4	26.0	26.3
31	---	---	---	14.3	13.8	13.9	---	---	---	26.0	25.7	25.9
MONTH	7.8	2.9	5.3	14.3	6.4	11.3	19.1	12.6	15.6	27.2	17.4	22.8

02081094 ROANOKE RIVER AT JAMESVILLE, 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	26.0	25.4	25.7	26.2	25.4	25.8	28.5	27.9	28.2	26.8	26.3	26.4
2	26.0	25.1	25.5	26.2	25.6	25.9	28.4	28.2	28.3	26.3	25.5	25.9
3	25.9	25.0	25.5	25.9	25.2	25.6	28.6	28.0	28.2	26.2	26.0	26.1
4	25.8	25.5	25.6	26.2	25.6	25.9	28.7	27.7	28.2	26.2	25.8	25.9
5	25.6	24.9	25.1	27.3	26.1	26.7	28.1	27.6	27.9	26.2	25.5	25.8
6	25.3	24.5	24.9	27.3	26.7	27.0	27.6	26.8	27.2	26.0	25.6	25.8
7	25.0	24.4	24.8	27.8	26.9	27.3	26.8	26.4	26.6	25.7	25.4	25.5
8	---	---	---	27.9	27.1	27.5	26.7	26.4	26.6	25.8	25.5	25.6
9	25.0	23.8	24.3	28.7	27.6	28.2	26.6	26.1	26.3	25.9	25.6	25.8
10	25.8	24.6	25.1	28.6	28.1	28.4	26.8	26.1	26.4	26.0	25.7	25.9
11	25.9	25.0	25.5	28.3	28.1	28.2	27.1	26.3	26.7	26.0	25.4	25.9
12	26.0	25.1	25.5	28.8	28.0	28.4	27.0	26.6	26.8	25.8	25.2	25.4
13	25.3	24.6	25.0	29.3	28.3	28.7	26.7	26.4	26.5	25.5	25.1	25.3
14	25.5	25.0	25.3	29.5	28.8	29.2	26.6	25.4	26.2	25.2	25.0	25.1
15	25.4	24.9	25.1	29.7	29.2	29.4	25.5	24.7	25.2	25.5	24.9	25.1
16	25.3	24.8	25.0	29.6	29.0	29.3	24.7	24.2	24.5	25.3	24.9	25.1
17	25.4	24.8	25.1	29.5	28.8	29.2	24.2	23.6	23.9	25.4	24.9	25.1
18	25.9	25.2	25.5	29.4	29.0	29.1	23.7	23.1	23.4	25.3	24.2	24.8
19	26.1	25.4	25.7	29.3	28.9	29.1	24.6	23.7	24.1	24.2	23.6	23.9
20	26.1	25.3	25.7	29.2	28.7	29.0	25.1	24.5	24.8	23.6	22.8	23.2
21	26.3	25.6	25.9	29.6	28.8	29.2	25.6	24.9	25.2	22.8	22.1	22.5
22	26.6	26.1	26.3	29.7	29.0	29.4	25.4	25.1	25.2	22.9	22.3	22.6
23	27.3	26.2	26.7	29.4	28.7	28.9	25.1	24.5	24.8	23.5	22.6	23.0
24	27.0	26.6	26.8	28.7	28.2	28.5	24.9	24.4	24.6	23.7	23.0	23.4
25	27.1	26.4	26.8	28.2	27.8	28.0	24.9	24.3	24.6	23.8	23.2	23.4
26	26.6	26.4	26.5	28.1	27.6	27.8	25.2	24.4	24.8	23.9	23.4	23.6
27	26.6	25.7	26.3	28.2	27.5	27.9	25.6	24.9	25.2	23.7	23.4	23.5
28	25.7	25.3	25.5	28.2	27.9	28.0	26.0	25.3	25.6	23.6	23.4	23.5
29	25.7	24.9	25.3	28.4	28.1	28.2	26.5	25.6	26.0	23.8	23.5	23.6
30	26.1	25.5	25.8	28.7	28.2	28.4	26.3	25.9	26.0	23.7	23.4	23.6
31	---	---	---	28.7	28.4	28.6	26.4	25.8	26.0	---	---	---
MONTH	---	---	---	29.7	25.2	28.1	28.7	23.1	25.9	26.8	22.1	24.7

ROANOKE RIVER BASIN

02081094 ROANOKE RIVER AT JAMESVILLE, 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	1.6	1.0	1.3	6.0	5.8	5.9	---	---	---	10.6	10.0	10.3
2	2.3	1.5	1.8	6.1	5.8	6.0	---	---	---	10.6	9.9	10.3
3	3.8	2.2	2.8	6.0	5.8	6.0	---	---	---	10.6	9.8	10.1
4	3.8	2.8	3.4	6.2	5.9	6.1	---	---	---	10.2	9.5	9.8
5	4.4	3.1	3.6	6.1	5.7	5.9	---	---	---	9.6	8.9	9.2
6	3.7	2.9	3.2	5.8	5.5	5.7	---	---	---	9.1	8.3	8.8
7	3.0	2.9	3.0	5.8	5.5	5.6	---	---	---	9.7	8.8	9.2
8	3.0	2.8	2.9	5.7	5.4	5.6	---	---	---	10.0	9.4	9.7
9	2.8	2.5	2.6	6.1	5.5	5.7	---	---	---	10.0	9.5	9.8
10	2.7	2.4	2.5	6.2	5.7	6.0	---	---	---	10.5	9.8	10.1
11	2.7	2.4	2.5	6.9	6.0	6.6	---	---	---	11.0	10.4	10.8
12	3.0	2.6	2.8	---	---	---	---	---	---	11.2	10.9	11.0
13	3.1	2.9	3.0	---	---	---	---	---	---	11.3	11.0	11.1
14	3.1	3.0	3.1	---	---	---	---	---	---	11.3	11.0	11.1
15	3.4	3.0	3.2	---	---	---	---	---	---	11.2	10.9	11.0
16	3.4	3.3	3.4	---	---	---	---	---	---	11.2	10.9	11.1
17	3.6	3.3	3.4	---	---	---	9.6	9.1	9.3	11.6	11.1	11.5
18	4.0	3.5	3.7	---	---	---	9.4	9.0	9.2	11.6	11.3	11.5
19	4.4	3.9	4.1	---	---	---	9.4	9.0	9.3	11.5	11.1	11.3
20	4.5	4.2	4.3	---	---	---	9.9	9.2	9.5	11.6	11.2	11.4
21	4.6	4.2	4.3	---	---	---	10.5	9.7	10.0	11.6	11.3	11.4
22	4.7	4.3	4.4	---	---	---	10.8	10.2	10.5	11.6	11.4	11.5
23	4.8	4.5	4.7	---	---	---	10.8	10.4	10.5	11.7	11.3	11.5
24	5.1	4.6	4.8	---	---	---	10.5	9.9	10.2	11.6	11.3	11.5
25	5.5	5.1	5.3	---	---	---	10.2	9.2	9.9	11.6	11.4	11.5
26	5.7	5.5	5.6	---	---	---	10.6	9.9	10.2	11.7	11.3	11.5
27	5.5	5.0	5.3	---	---	---	10.7	10.2	10.4	11.5	11.3	11.4
28	5.5	5.0	5.3	---	---	---	10.7	10.3	10.5	11.8	11.3	11.5
29	6.1	5.5	5.8	---	---	---	11.0	10.3	10.6	12.4	11.6	12.0
30	5.9	5.3	5.6	---	---	---	10.6	9.9	10.2	12.8	12.3	12.6
31	6.0	5.7	5.8	---	---	---	10.5	9.6	10.1	12.9	12.4	12.7
MONTH	6.1	1.0	3.8	---	---	---	---	---	---	12.9	8.3	10.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.9	12.6	12.8	12.2	11.4	11.8	8.1	7.5	7.8	6.3	5.9	6.1
2	12.7	12.5	12.6	11.8	10.7	11.4	7.6	7.3	7.4	6.5	6.0	6.3
3	12.6	12.4	12.5	11.6	10.6	11.1	7.6	7.3	7.5	6.6	6.0	6.3
4	12.4	12.2	12.3	11.4	10.3	10.9	8.2	7.4	7.8	6.2	5.8	6.0
5	12.3	12.1	12.2	11.0	10.0	10.5	8.4	8.1	8.3	6.3	5.7	6.0
6	12.4	12.1	12.3	10.6	9.6	10.0	8.7	8.2	8.4	6.4	5.8	6.1
7	12.4	12.0	12.2	10.1	9.2	9.6	8.8	8.5	8.6	6.4	5.9	6.1
8	12.7	12.1	12.4	9.6	8.8	9.3	8.7	8.5	8.6	6.6	6.2	6.4
9	12.6	12.0	12.3	9.6	8.9	9.2	8.8	8.4	8.6	6.4	6.1	6.2
10	12.1	11.6	11.9	9.6	8.9	9.1	9.0	8.4	8.6	6.4	6.2	6.3
11	12.3	11.8	12.0	9.2	8.9	9.0	8.8	8.3	8.5	6.4	6.0	6.1
12	12.5	12.0	12.3	9.0	8.6	8.8	8.4	7.9	8.2	6.3	5.9	6.1
13	12.6	12.2	12.4	9.2	8.6	8.8	8.2	7.8	8.0	6.3	6.0	6.2
14	12.6	12.2	12.4	9.5	9.0	9.2	8.3	7.8	8.1	6.2	5.9	6.0
15	12.6	12.1	12.3	9.6	9.2	9.4	8.5	7.8	8.2	6.2	6.0	6.1
16	12.4	11.8	12.2	9.5	9.2	9.4	8.7	8.0	8.4	6.2	5.8	6.0
17	12.3	11.8	12.0	9.4	9.2	9.2	8.6	8.1	8.4	6.0	5.7	5.8
18	12.4	11.7	12.0	9.3	9.1	9.2	9.1	8.4	8.7	5.9	5.6	5.7
19	12.4	11.9	12.2	9.5	9.1	9.3	9.0	8.5	8.7	5.8	5.5	5.6
20	12.1	11.6	11.9	9.5	9.3	9.4	8.9	8.4	8.7	5.7	5.4	5.5
21	11.8	11.1	11.4	10.0	9.5	9.8	8.6	8.0	8.4	5.8	5.5	5.7
22	11.5	10.8	11.2	10.0	9.7	9.9	8.4	7.7	8.0	6.0	5.7	5.8
23	11.7	10.8	11.2	10.0	9.7	9.8	8.0	7.4	7.7	5.8	5.5	5.7
24	11.5	10.5	11.0	9.9	9.5	9.7	7.8	7.0	7.5	5.8	5.5	5.7
25	11.5	10.3	10.9	9.8	9.2	9.5	7.4	6.9	7.2	6.0	5.7	5.9
26	11.4	10.9	11.2	9.6	9.2	9.3	7.4	6.9	7.1	6.2	5.8	6.0
27	11.8	10.9	11.3	9.6	9.3	9.4	7.1	5.1	5.8	5.9	5.6	5.8
28	12.3	11.3	11.8	9.5	8.9	9.2	5.7	5.0	5.3	6.0	5.7	5.9
29	12.4	11.7	12.0	9.1	8.6	8.8	6.2	5.4	5.8	6.0	5.9	5.9
30	---	---	---	9.1	8.4	8.6	6.4	5.8	6.0	6.1	5.9	6.0
31	---	---	---	8.4	8.1	8.3	---	---	---	6.1	5.8	5.9
MONTH	12.9	10.3	12.0	12.2	8.1	9.6	9.1	5.0	7.8	6.6	5.4	6.0

02081094 ROANOKE RIVER AT JAMESVILLE, 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	6.0	5.3	5.8	6.0	5.5	5.7	5.3	4.5	4.9	5.1	3.7	4.3			
2	6.0	5.4	5.7	5.7	5.3	5.6	5.3	4.9	5.1	5.2	4.9	5.0			
3	5.9	5.6	5.7	5.6	5.0	5.3	5.4	4.7	5.1	5.4	5.1	5.2			
4	6.3	5.7	5.9	5.3	4.7	5.0	5.3	4.7	5.0	5.3	4.7	5.0			
5	6.2	5.2	5.6	5.2	4.6	4.9	5.4	5.1	5.2	5.1	4.5	4.8			
6	5.9	5.4	5.7	5.2	4.6	5.0	5.3	4.7	4.9	5.1	4.6	4.8			
7	6.2	5.7	5.9	5.3	4.8	5.1	5.0	4.7	4.8	4.9	4.2	4.4			
8	---	---	---	5.3	4.8	5.1	5.1	4.8	5.0	4.3	4.0	4.2			
9	6.2	5.7	5.9	5.3	4.8	5.0	5.4	4.9	5.1	4.2	3.8	4.0			
10	6.1	5.8	6.0	5.4	4.9	5.2	5.7	5.1	5.4	4.3	3.8	4.0			
11	6.3	5.8	6.0	5.4	4.9	5.2	5.7	5.3	5.5	5.1	4.2	4.7			
12	6.6	6.1	6.3	5.1	4.6	4.9	5.7	5.3	5.5	5.2	4.6	5.0			
13	6.5	5.9	6.2	5.0	4.5	4.7	5.5	5.3	5.4	5.4	5.0	5.2			
14	6.4	6.0	6.2	4.9	4.5	4.7	5.6	5.2	5.3	5.3	5.0	5.2			
15	6.5	6.2	6.3	5.1	4.7	4.9	5.4	4.9	5.2	5.2	5.0	5.1			
16	6.5	6.1	6.3	5.2	4.9	5.1	5.2	4.5	4.9	5.3	4.9	5.1			
17	6.5	5.7	6.2	5.3	4.9	5.1	4.5	4.0	4.3	5.1	4.8	4.9			
18	6.3	5.9	6.2	5.3	4.9	5.1	4.1	3.8	4.0	5.0	4.5	4.8			
19	6.5	6.0	6.2	5.0	4.7	4.9	4.0	3.7	3.9	5.3	4.9	5.1			
20	6.2	5.7	6.0	5.0	4.6	4.8	3.8	3.6	3.7	5.5	5.2	5.3			
21	5.9	5.4	5.7	5.2	4.7	4.9	3.6	3.4	3.5	5.4	5.1	5.3			
22	5.6	5.3	5.5	5.2	4.8	5.0	3.5	3.3	3.5	5.7	5.3	5.4			
23	5.7	5.3	5.5	5.2	4.8	5.1	3.7	3.4	3.6	6.2	5.6	5.9			
24	5.9	5.5	5.7	5.3	4.9	5.1	3.8	3.6	3.7	6.3	5.9	6.1			
25	5.8	5.4	5.6	5.4	5.0	5.2	3.8	3.6	3.7	6.3	6.0	6.2			
26	5.9	5.4	5.7	5.3	4.9	5.1	3.7	3.5	3.6	6.1	5.9	6.0			
27	6.2	5.6	5.8	5.1	4.8	4.9	3.6	3.3	3.4	6.0	5.4	5.7			
28	6.2	5.7	5.9	5.0	4.6	4.8	3.5	3.3	3.4	5.4	4.8	5.1			
29	6.0	5.4	5.7	4.9	4.3	4.7	3.7	3.3	3.5	5.2	4.9	5.0			
30	5.8	5.4	5.6	4.5	4.2	4.4	3.6	3.4	3.5	5.3	4.9	5.2			
31	---	---	---	5.1	4.3	4.7	3.8	3.4	3.5	---	---	---			
MONTH	---	---	---	6.0	4.2	5.0	5.7	3.3	4.4	6.3	3.7	5.1			

ROANOKE RIVER BASIN

02081094 ROANOKE RIVER AT JAMESVILLE, 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	18	11	14	62	59	61	---	---	---	89	82	85
2	25	17	20	63	60	61	---	---	---	89	82	86
3	41	24	30	62	60	62	---	---	---	91	82	86
4	41	30	36	65	61	64	---	---	---	90	82	85
5	48	33	39	65	61	63	---	---	---	86	80	82
6	40	31	34	62	59	61	---	---	---	83	75	79
7	33	31	33	63	59	61	---	---	---	82	75	78
8	33	31	32	61	58	60	---	---	---	82	77	80
9	31	28	29	64	57	60	---	---	---	80	77	79
10	30	27	28	64	58	62	---	---	---	83	77	80
11	30	27	28	70	61	67	---	---	---	85	80	83
12	33	29	31	---	---	---	---	---	---	87	83	84
13	35	32	33	---	---	---	---	---	---	88	84	86
14	34	33	34	---	---	---	---	---	---	88	85	87
15	38	33	35	---	---	---	---	---	---	89	86	87
16	37	36	37	---	---	---	---	---	---	89	86	87
17	39	35	37	---	---	---	81	77	79	91	87	90
18	43	38	40	---	---	---	79	75	78	92	90	91
19	47	41	44	---	---	---	78	74	77	92	88	90
20	48	45	46	---	---	---	80	74	77	92	89	90
21	49	45	46	---	---	---	84	77	80	91	89	90
22	50	46	47	---	---	---	86	80	84	91	89	90
23	51	47	49	---	---	---	88	83	85	91	88	90
24	53	48	50	---	---	---	88	83	86	91	88	90
25	57	53	56	---	---	---	86	78	84	90	88	89
26	59	57	58	---	---	---	87	82	84	90	86	87
27	58	52	55	---	---	---	88	83	85	87	85	86
28	58	52	56	---	---	---	88	83	86	89	85	87
29	64	58	61	---	---	---	91	84	87	92	87	89
30	61	55	58	---	---	---	88	83	86	96	91	94
31	62	59	60	---	---	---	88	80	84	98	94	96
MONTH	64	11	41	---	---	---	---	---	---	98	75	87
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	97	94	96	103	93	98	79	74	76	68	63	66
2	96	93	95	103	90	97	75	71	73	71	65	68
3	95	93	94	104	92	98	74	71	73	72	64	68
4	95	92	94	105	91	98	79	72	75	66	62	64
5	95	93	94	103	91	97	80	77	79	67	60	64
6	98	93	96	99	90	94	83	77	80	68	62	66
7	100	96	98	96	86	91	85	80	83	70	64	67
8	102	96	99	91	83	87	85	81	83	72	68	70
9	100	96	98	90	82	86	88	82	85	71	67	69
10	97	93	95	89	80	84	89	82	85	72	69	71
11	98	94	95	83	79	81	88	83	85	72	69	70
12	99	95	97	80	77	79	84	79	82	72	67	69
13	99	95	97	83	77	80	83	78	80	73	68	72
14	99	96	98	86	81	83	83	77	80	72	69	70
15	99	95	97	87	83	85	83	77	80	72	70	71
16	97	91	94	87	84	85	85	78	82	73	69	71
17	95	91	93	85	83	84	85	79	82	71	68	69
18	97	90	93	85	82	83	90	82	86	70	67	69
19	98	93	95	87	82	85	90	83	87	70	66	68
20	98	92	95	86	84	85	91	86	88	69	65	67
21	96	91	94	92	86	89	88	82	86	71	66	69
22	97	89	93	92	88	90	87	81	84	74	68	71
23	98	89	93	92	88	90	84	79	81	72	67	69
24	96	87	91	90	87	88	84	75	80	72	67	70
25	96	85	91	91	84	87	79	74	76	74	70	72
26	94	88	90	89	86	87	79	73	76	76	71	73
27	94	86	90	91	87	89	77	55	63	74	71	73
28	99	89	94	91	86	88	61	54	57	75	72	74
29	102	93	97	88	82	85	66	57	62	75	74	74
30	---	---	---	88	82	83	69	61	65	76	73	74
31	---	---	---	82	79	81	---	---	---	75	71	73
MONTH	102	85	95	105	77	88	91	54	78	76	60	70

02081094 ROANOKE RIVER AT JAMESVILLE, 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	74	65	71	74	67	70	69	58	63	63	46	54
2	74	66	70	71	66	69	68	63	66	65	60	62
3	73	68	70	69	62	65	70	60	65	67	63	65
4	77	70	73	65	58	62	69	60	64	65	58	62
5	76	63	69	65	58	62	69	65	67	63	55	59
6	72	65	69	66	58	62	67	59	62	63	57	59
7	75	69	72	68	60	64	63	59	60	60	51	54
8	---	---	---	67	61	65	64	60	62	53	49	51
9	75	68	71	68	61	65	67	61	64	52	47	50
10	75	70	73	70	63	67	72	63	67	53	47	49
11	78	70	74	69	63	67	72	66	69	63	52	58
12	81	74	77	65	60	63	72	66	69	64	56	61
13	79	72	75	65	58	61	69	66	67	66	61	64
14	78	73	76	64	59	62	69	65	66	64	61	63
15	79	75	77	67	62	65	66	59	63	64	61	62
16	79	74	77	69	64	66	63	54	59	64	60	62
17	79	70	76	70	64	67	54	47	51	62	58	59
18	78	72	76	69	64	66	48	45	47	60	54	58
19	80	74	76	66	62	64	48	45	46	63	58	60
20	76	70	73	65	60	62	46	43	45	65	61	62
21	73	67	70	69	61	65	44	42	43	63	59	61
22	70	66	68	69	63	66	43	40	42	67	61	63
23	72	66	69	68	63	66	45	41	43	73	65	69
24	74	69	72	68	63	66	46	43	45	75	69	72
25	73	68	71	69	64	66	46	43	45	75	71	73
26	74	67	71	68	62	65	45	42	44	73	70	71
27	76	69	72	65	61	63	44	40	42	71	64	68
28	76	70	72	64	59	61	43	40	42	64	57	60
29	73	66	70	63	55	61	46	41	43	62	58	60
30	72	66	69	58	54	56	45	42	43	63	58	61
31	---	---	---	66	56	61	47	42	44	---	---	---
MONTH	---	---	---	74	54	64	72	40	55	75	46	61