

## 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.

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	144, September 18	94, August 1, 2
pH, standard units	7.6, February 27, 28, March 6-9	6.6, June 30, August 1, 2
WATER TEMPERATURE, °C	30.4, July 29	2.8, January 29
DISSOLVED OXYGEN, mg/L	11.8, January 29, 30, February 2, 3, March 20, 22	4.4, June 30, July 31
DISSOLVED OXYGEN, PERCENT SATURATION,%	102, March 22, 23	52, November 2

## 02081094 ROANOKE RIVER AT JAMESVILLE, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS,  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	110	104	106	109	106	108	108	105	106	102	101	102
2	110	104	107	111	108	109	108	104	106	103	102	103
3	109	104	106	114	109	111	107	104	106	103	103	103
4	108	104	105	113	109	111	105	103	104	104	103	103
5	108	103	105	113	109	111	104	103	104	105	103	104
6	109	104	105	113	109	111	104	103	104	105	104	104
7	108	104	105	112	108	110	105	103	104	106	104	105
8	108	103	105	112	109	110	106	105	105	106	105	105
9	108	104	105	113	109	111	106	105	105	106	105	105
10	108	103	105	118	108	112	106	105	106	107	102	105
11	109	104	105	117	108	112	106	106	106	107	105	106
12	---	---	---	114	108	112	108	104	105	107	105	106
13	109	103	106	114	109	111	105	102	103	108	104	106
14	108	103	105	114	108	110	103	102	103	107	105	106
15	108	104	106	113	108	110	104	102	103	107	105	106
16	108	105	106	113	108	110	104	103	104	111	105	108
17	107	104	105	111	103	107	104	103	104	106	100	102
18	107	104	105	111	102	106	104	104	104	101	99	100
19	107	105	106	108	104	106	104	100	104	104	100	102
20	108	105	106	107	104	105	104	103	103	105	100	102
21	108	106	107	109	104	105	104	103	103	104	101	103
22	109	102	107	109	105	107	104	103	103	105	102	103
23	104	100	102	110	106	107	104	102	103	104	101	102
24	105	100	103	113	106	108	103	102	102	102	101	102
25	105	101	104	109	106	107	102	101	101	101	100	101
26	106	103	104	110	106	108	101	98	100	101	100	100
27	106	104	105	109	106	107	99	98	99	100	100	100
28	105	105	105	109	105	107	100	99	99	100	99	100
29	108	105	106	109	105	106	101	99	100	100	98	100
30	108	105	106	108	105	106	101	100	101	100	98	99
31	108	106	107	---	---	---	102	101	101	100	98	99
MONTH	---	---	---	118	102	109	108	98	103	111	98	103
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	100	98	99	113	106	109	102	100	101	116	114	115
2	101	99	100	118	107	112	101	99	100	116	115	116
3	101	99	100	118	109	114	100	99	100	116	115	116
4	101	99	100	113	102	105	101	100	100	116	115	116
5	101	99	100	106	103	105	101	100	101	116	114	115
6	107	100	102	107	104	105	101	100	101	116	109	113
7	108	101	105	108	104	106	103	101	102	110	108	109
8	105	101	103	108	104	106	102	101	101	110	108	109
9	107	102	104	107	105	106	102	101	102	111	109	110
10	107	102	105	106	105	105	103	102	102	110	106	107
11	108	103	105	105	102	104	103	102	103	107	106	106
12	109	104	106	104	100	102	104	103	103	108	106	107
13	109	105	107	104	101	102	104	102	103	108	105	106
14	109	105	107	104	101	103	103	102	102	107	105	106
15	111	105	107	104	101	103	104	102	103	109	105	107
16	110	106	108	105	103	103	106	104	105	109	105	107
17	111	107	109	103	102	103	107	106	107	108	106	106
18	114	108	110	103	101	102	109	105	108	110	107	109
19	117	107	112	102	101	102	109	108	109	111	110	110
20	116	108	110	102	98	100	111	109	110	111	109	110
21	113	107	110	100	98	99	114	110	112	110	109	109
22	113	108	111	99	98	98	113	112	113	112	109	109
23	112	108	110	98	97	98	116	113	114	111	110	110
24	114	111	113	98	97	97	114	113	114	111	109	110
25	118	109	112	98	96	97	114	113	114	111	109	110
26	120	113	117	98	96	97	115	113	114	110	109	110
27	118	115	116	99	98	98	115	112	114	113	110	111
28	115	106	112	99	98	99	115	114	115	114	113	113
29	---	---	---	101	98	100	117	114	115	114	113	113
30	---	---	---	101	100	101	118	114	115	113	112	113
31	---	---	---	102	101	101	---	---	---	114	113	113
MONTH	120	98	107	118	96	103	118	99	107	116	105	110

## ROANOKE RIVER BASIN

02081094 ROANOKE RIVER AT JAMESVILLE, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS,—CONTINUED  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	114	113	113	123	107	114	113	94	104	134	132	133
2	113	112	113	127	123	126	107	94	99	134	132	133
3	113	111	112	130	127	128	120	107	115	133	132	133
4	113	111	112	129	127	128	123	117	121	137	133	136
5	113	112	112	129	126	127	125	121	123	137	132	134
6	113	112	113	128	126	127	127	124	126	136	134	135
7	113	112	113	129	126	128	127	124	125	136	134	135
8	113	112	112	130	127	128	125	123	124	137	135	136
9	113	111	112	129	126	127	123	118	121	136	135	135
10	113	111	112	127	121	125	120	118	118	135	132	134
11	113	111	112	121	114	117	120	118	119	133	131	132
12	113	112	113	123	116	120	122	117	119	133	131	133
13	113	112	112	128	121	125	123	121	122	133	131	132
14	113	111	112	128	122	126	124	122	123	133	131	132
15	113	111	112	125	109	114	124	115	121	133	131	132
16	113	112	113	120	109	114	121	112	116	137	131	134
17	113	112	112	118	109	112	119	112	115	143	137	141
18	113	112	113	119	109	112	118	111	114	144	141	143
19	113	112	112	120	110	112	117	111	114	143	140	142
20	116	110	114	121	111	114	113	110	111	142	141	142
21	111	109	110	121	111	115	113	111	112	142	139	141
22	122	110	116	119	109	113	115	113	114	142	138	140
23	128	114	122	120	110	113	121	114	118	139	124	131
24	126	110	119	116	110	112	129	119	125	138	123	130
25	120	109	114	119	112	116	127	125	125	139	130	136
26	119	109	113	112	110	111	127	126	126	140	128	135
27	119	111	115	124	112	118	129	125	127	143	126	133
28	113	110	111	124	115	119	127	126	127	143	128	136
29	117	109	114	127	122	125	132	127	129	141	124	132
30	110	104	107	126	123	125	133	131	132	143	131	138
31	---	---	---	124	110	118	134	132	133	---	---	---
MONTH	128	104	113	130	107	120	134	94	120	144	123	135

## 02081094 ROANOKE RIVER AT JAMESVILLE, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

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

## ROANOKE RIVER BASIN

02081094 ROANOKE RIVER AT JAMESVILLE, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS—CONTINUED  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

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

## 02081094 ROANOKE RIVER AT JAMESVILLE, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.9	23.5	23.7	18.8	18.2	18.5	12.8	12.6	12.7	6.8	6.1	6.4
2	24.1	23.6	23.8	18.9	18.2	18.6	12.6	12.1	12.3	7.5	6.7	7.1
3	23.9	23.5	23.7	19.0	18.9	18.9	12.3	11.8	12.1	8.1	7.4	7.7
4	23.8	23.3	23.6	18.9	18.4	18.6	12.1	11.8	11.9	9.0	8.0	8.5
5	23.6	22.9	23.2	18.5	17.8	18.1	11.8	11.6	11.7	9.8	9.0	9.3
6	22.9	22.1	22.4	17.8	17.2	17.5	11.6	11.4	11.5	10.5	9.6	10.0
7	22.1	21.4	21.8	17.2	16.5	16.8	12.1	11.3	11.6	10.7	10.3	10.5
8	21.9	21.2	21.6	16.5	16.0	16.3	12.7	12.0	12.3	10.9	10.2	10.5
9	21.8	21.1	21.5	16.0	15.2	15.6	12.7	12.4	12.5	10.8	10.2	10.4
10	21.8	21.0	21.5	15.2	14.6	14.8	13.4	12.7	13.0	10.2	9.7	10
11	21.5	20.8	21.2	14.8	14.4	14.6	13.4	12.6	13.0	10.1	9.6	9.8
12	---	---	---	14.9	14.5	14.7	12.6	12.2	12.4	10.3	9.6	9.9
13	21.1	20.8	20.9	14.8	14.2	14.6	12.2	11.7	12.0	11.5	10.2	10.7
14	20.8	20.5	20.6	14.3	13.7	14.1	11.7	10.6	11.1	12.1	11.3	11.8
15	20.5	20.1	20.3	13.8	13.4	13.6	10.6	9.4	10	11.3	9.8	10.5
16	20.1	19.4	19.6	13.4	12.8	13.1	9.4	8.8	9.0	9.8	8.9	9.5
17	19.5	18.9	19.1	12.8	12.2	12.5	8.8	8.2	8.4	8.9	7.9	8.5
18	19.2	18.6	18.9	13.0	12.2	12.6	8.5	8.1	8.3	7.9	6.6	7.0
19	19.7	18.9	19.3	13.4	13.0	13.2	8.4	8.1	8.3	6.6	6.0	6.2
20	19.6	19.3	19.5	13.8	13.4	13.5	8.2	6.4	7.2	6.0	5.7	5.8
21	19.4	19.1	19.2	14.1	13.8	14.0	6.5	5.9	6.2	5.8	5.3	5.5
22	19.2	18.6	19.0	14.4	14.0	14.2	7.0	6.2	6.6	5.4	5.0	5.2
23	18.6	18.0	18.3	14.7	14.3	14.5	8.1	7.0	7.5	5.0	4.5	4.7
24	18.0	17.4	17.6	15.1	14.6	14.9	8.2	7.3	7.8	4.9	4.5	4.7
25	17.4	16.9	17.1	15.3	14.9	15.2	7.3	6.4	6.8	4.7	4.4	4.5
26	17.2	16.6	16.9	14.9	14.4	14.6	6.5	4.4	5.4	4.8	4.1	4.4
27	17.0	16.7	16.9	14.4	14.0	14.1	4.4	4.0	4.2	4.8	4.2	4.6
28	17.2	16.8	17.0	14.1	13.7	14.0	4.2	3.6	3.9	4.2	3.3	3.6
29	17.2	16.8	17.0	13.7	12.8	13.1	4.5	3.8	4.1	3.5	2.8	3.1
30	18.1	17.1	17.5	12.9	12.5	12.6	5.4	4.5	4.9	3.8	3.4	3.6
31	18.6	17.9	18.2	---	---	---	6.2	5.4	5.7	4.2	3.5	3.8
MONTH	---	---	---	19.0	12.2	15.0	13.4	3.6	9.2	12.1	2.8	7.3
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	4.1	3.6	3.9	7.2	6.8	6.9	13.7	12.5	13.1	16.8	16.3	16.6
2	4.4	3.5	3.9	7.3	6.7	6.9	13.8	13.2	13.5	16.9	16.5	16.7
3	4.3	4.0	4.1	6.9	6.4	6.7	13.5	12.3	12.9	16.9	16.3	16.6
4	4.4	3.9	4.2	6.8	6.2	6.5	14.1	12.4	13.2	17.4	16.6	16.9
5	5.0	4.2	4.5	6.6	6.5	6.5	15.2	13.4	14.1	17.5	16.9	17.1
6	5.5	4.5	4.9	6.8	6.2	6.5	16.0	14.2	14.9	16.9	15.3	16.5
7	5.8	5.2	5.4	7.3	6.6	6.9	16.5	15.3	15.9	16.0	15.2	15.5
8	6.3	5.7	5.9	7.6	7.2	7.4	17.1	16.1	16.5	16.2	15.8	16.0
9	6.9	6.3	6.5	7.6	6.9	7.2	16.9	15.9	16.5	16.7	16.0	16.3
10	7.4	6.9	7.2	7.9	7.3	7.6	16.2	14.7	15.6	17.6	16.4	16.9
11	7.2	6.8	6.9	8.1	7.5	7.9	16.6	14.8	15.7	18.5	17.4	18.0
12	6.9	6.6	6.8	8.2	7.5	7.8	16.2	14.5	15.2	19.3	18.4	18.8
13	7.0	6.6	6.8	8.6	7.9	8.2	14.5	13.0	13.7	19.2	18.6	19.0
14	6.9	6.7	6.8	8.6	8.2	8.3	13.7	12.3	12.9	19.3	18.6	19.0
15	7.5	6.8	7.2	8.5	8.1	8.3	13.7	12.5	13.1	20.1	19.2	19.7
16	8.1	7.3	7.8	8.6	8.0	8.3	13.7	12.2	12.9	20.4	19.7	20.0
17	8.4	7.8	8.1	8.1	7.2	7.6	14.2	12.4	13.2	20.4	19.5	19.9
18	8.1	7.6	7.8	8.1	7.2	7.6	14.9	13.2	14.0	21.3	20.0	20.6
19	8.0	7.4	7.7	8.1	7.8	7.9	15.9	14.3	15.0	21.3	21.0	21.1
20	7.6	7.0	7.3	8.3	7.7	8.0	16.9	15.5	16.1	21.3	20.6	21.0
21	7.2	7.0	7.1	9.1	8.2	8.5	17.4	16.5	16.9	20.8	20.0	20.4
22	7.6	7.1	7.4	9.4	8.5	8.8	18.1	17.2	17.6	20.8	19.8	20.3
23	8.1	7.3	7.7	10.5	9.4	9.9	18.2	18.0	18.1	20.8	20.0	20.4
24	7.9	7.6	7.7	10.7	10.2	10.5	18.0	17.1	17.4	20.9	20.2	20.6
25	7.7	7.4	7.6	11.0	10.2	10.6	17.1	16.0	16.4	20.8	20.3	20.6
26	7.8	7.3	7.5	11.5	10.7	11.1	16.0	15.8	15.9	21.1	19.9	20.4
27	7.5	7.1	7.3	11.4	10.9	11.1	16.6	15.8	16.2	21.4	20.3	20.9
28	7.1	6.8	6.8	11.9	11.0	11.4	16.3	15.9	16.1	21.6	20.8	21.2
29	---	---	---	12.5	11.3	11.9	16.1	15.7	15.9	21.9	20.9	21.4
30	---	---	---	13.3	11.9	12.5	16.4	15.7	16.1	22.2	21.5	21.8
31	---	---	---	13.4	12.3	12.9	---	---	---	22.5	21.6	22.0
MONTH	8.4	3.5	6.5	13.4	6.2	8.7	18.2	12.2	15.2	22.5	15.2	19.1

## ROANOKE RIVER BASIN

02081094 ROANOKE RIVER AT JAMESVILLE, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.1	21.6	21.8	27.1	26.0	26.4	27.6	27.1	27.3	28.7	28.2	28.4
2	21.6	21.3	21.4	27.6	27.1	27.4	27.9	26.9	27.3	29.0	28.4	28.7
3	21.5	21.1	21.3	27.6	27.4	27.5	28.3	27.5	27.8	28.8	28.5	28.7
4	21.8	21.1	21.3	28.1	27.6	27.8	28.4	27.6	27.9	28.8	28.3	28.5
5	21.9	20.9	21.4	28.0	27.8	27.9	28.8	28.0	28.4	28.3	27.8	27.9
6	22.5	21.6	22.0	28.5	27.8	28.1	29.4	28.4	28.9	27.8	27.1	27.3
7	23.3	22.4	22.8	29.0	28.4	28.6	29.7	29.1	29.4	27.1	26.7	26.8
8	23.9	23.0	23.4	29.0	28.3	28.6	29.6	29.2	29.4	26.7	26.2	26.4
9	24.2	23.4	23.8	28.7	28.3	28.5	29.4	28.8	29.1	26.3	25.9	26.1
10	24.7	23.5	24.0	28.8	28.2	28.5	29.2	28.4	28.8	26.0	25.5	25.7
11	24.8	23.8	24.3	28.8	28.3	28.6	29.2	28.8	29.0	25.6	25.3	25.4
12	25.6	24.6	25.1	29.1	28.8	28.9	29.2	28.6	28.9	25.7	25.2	25.4
13	25.4	24.7	25.0	28.8	28.3	28.5	29.3	28.5	28.9	26.0	25.6	25.8
14	25.7	24.7	25.2	28.5	27.5	28.2	30.0	29.0	29.4	25.9	25.7	25.8
15	26.2	25.1	25.6	28.4	27.4	27.8	29.7	29.2	29.4	25.8	25.5	25.6
16	26.3	25.4	25.8	28.4	27.5	28.0	29.7	29.1	29.4	25.8	25.2	25.5
17	27.3	25.8	26.4	28.6	27.7	28.1	29.2	28.5	28.8	26.2	25.7	25.9
18	27.1	25.9	26.6	29.0	28.1	28.5	28.7	28.1	28.4	26.5	26.1	26.3
19	26.8	25.5	26.2	29.0	28.1	28.5	29.0	28.5	28.7	27.1	26.4	26.8
20	26.5	25.1	25.5	28.7	27.9	28.2	29.2	28.4	28.8	27.2	26.9	27.1
21	25.9	24.9	25.3	29.3	28.3	28.7	29.7	28.9	29.3	27.4	27.1	27.2
22	26.0	25.3	25.7	29.5	28.8	29.1	29.5	28.8	29.2	27.4	27.0	27.3
23	25.9	25.2	25.5	29.5	28.9	29.2	29.5	29.1	29.3	27.4	27.1	27.2
24	25.6	24.9	25.3	29.2	28.7	28.9	29.5	28.9	29.2	27.2	27.0	27.1
25	26.1	25.2	25.7	29.0	28.5	28.7	29.3	28.8	29.1	27.0	26.6	26.7
26	26.1	25.9	26.0	29.5	28.6	29.0	28.9	28.1	28.3	26.6	26.2	26.4
27	26.2	25.7	26.0	30.2	29.2	29.7	28.4	28.1	28.2	26.7	26.3	26.5
28	26.0	25.7	25.9	30.3	29.8	30.0	28.1	27.8	28.0	26.6	26.0	26.3
29	25.9	25.5	25.7	30.4	30.0	30.2	28.0	27.7	27.9	26.2	25.7	25.9
30	26.0	25.1	25.5	30.1	29.2	29.7	28.3	27.8	28.0	26.0	25.3	25.5
31	---	---	---	29.2	27.5	28.5	28.5	28.1	28.3	---	---	---
MONTH	27.3	20.9	24.5	30.4	26.0	28.5	30.0	26.9	28.7	29.0	25.2	26.7

## 02081094 ROANOKE RIVER AT JAMESVILLE, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.8	5.2	5.5	5.9	5.4	5.7	9.3	8.9	9.1	---	---	---
2	6.1	5.6	5.9	5.5	4.8	5.4	9.6	9.1	9.3	---	---	---
3	6.2	5.8	6.0	5.4	5.1	5.2	9.6	9.2	9.4	10.7	10.3	10.5
4	6.2	5.9	6.1	5.7	5.2	5.4	9.4	9.2	9.3	10.3	9.8	10.1
5	6.2	5.8	6.0	6.0	5.5	5.7	9.5	9.2	9.4	10.1	9.8	9.9
6	6.3	5.8	6.0	6.2	5.8	6.0	9.4	9.2	9.3	9.9	9.6	9.7
7	6.1	5.8	6.0	6.3	5.8	6.1	9.3	9.0	9.1	9.8	9.2	9.6
8	---	---	---	6.1	5.7	5.8	9.0	8.7	8.9	9.8	9.3	9.6
9	---	---	---	6.4	5.8	6.1	8.9	8.7	8.8	9.7	9.2	9.4
10	---	---	---	7.0	6.3	6.8	8.9	8.6	8.7	9.8	9.2	9.5
11	---	---	---	7.4	6.8	7.2	9.0	8.5	8.8	---	---	---
12	---	---	---	7.8	7.3	7.5	9.0	8.8	8.9	10.1	9.5	9.8
13	---	---	---	7.9	7.7	7.8	9.0	8.8	8.9	10.0	9.4	9.6
14	6.1	5.7	5.9	8.0	7.7	7.8	9.3	8.8	9.0	9.5	8.7	9.0
15	6.1	5.8	6.0	8.1	7.8	7.9	9.7	9.2	9.4	9.5	8.7	9.0
16	6.2	5.8	6.0	8.1	7.8	8.0	10.0	9.6	9.8	10.0	9.4	9.6
17	6.3	6.0	6.1	8.6	8.0	8.3	10.0	9.9	10	9.9	9.5	9.8
18	6.5	6.2	6.3	9.1	8.4	8.8	10.0	9.8	9.9	---	---	---
19	6.4	6.1	6.3	8.9	8.2	8.8	9.8	9.5	9.7	---	---	---
20	6.3	6.0	6.2	9.0	8.4	8.8	10.1	9.5	9.8	---	---	---
21	6.3	6.1	6.2	8.8	8.3	8.5	10.4	10.0	10.3	---	---	---
22	6.4	6.0	6.3	8.4	8.1	8.2	10.4	10.1	10.3	---	---	---
23	6.4	6.0	6.2	8.5	8.2	8.3	10.4	9.8	10.1	---	---	---
24	6.5	6.2	6.3	8.4	8.3	8.4	9.9	9.6	9.8	---	---	---
25	6.4	6.1	6.3	8.7	8.4	8.5	10.2	9.8	10	11.1	10.8	10.9
26	6.7	6.2	6.4	8.7	8.4	8.5	10.8	10.1	10.4	11.2	10.9	11.1
27	6.6	6.3	6.5	8.8	8.5	8.6	11.2	10.7	10.9	11.1	10.8	11.0
28	6.4	6.2	6.3	8.9	8.5	8.7	11.5	11.1	11.3	11.5	10.9	11.1
29	6.5	6.2	6.3	9.2	8.6	8.9	---	---	---	11.8	11.2	11.4
30	6.4	6.0	6.2	9.4	8.8	9.2	---	---	---	11.8	11.4	11.6
31	6.2	5.8	6.0	---	---	---	---	---	---	11.7	11.2	11.4
MONTH	---	---	---	9.4	4.8	7.5	---	---	---	---	---	---
	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.7	11.2	11.5	10.8	10.4	10.7	10.1	9.4	9.7	---	---	---
2	11.8	11.3	11.6	10.9	10.7	10.8	9.9	9.3	9.5	---	---	---
3	11.8	11.4	11.5	11.0	10.8	10.9	9.9	9.1	9.4	---	---	---
4	11.6	11.2	11.4	11.3	10.9	11.1	9.8	9.0	9.4	---	---	---
5	11.5	11.1	11.3	11.6	11.3	11.4	9.6	8.8	9.2	---	---	---
6	11.5	11.1	11.3	11.7	11.5	11.6	9.4	8.4	8.9	---	---	---
7	11.4	11.2	11.3	11.7	11.5	11.6	9.2	8.0	8.6	---	---	---
8	11.5	11.2	11.3	11.6	11.3	11.4	8.9	7.4	8.0	---	---	---
9	11.5	11.1	11.3	11.6	11.3	11.4	8.8	7.1	7.9	---	---	---
10	11.4	10.9	11.0	11.5	11.2	11.4	9.2	7.6	8.4	---	---	---
11	11.0	10.8	10.9	11.3	10.9	11.1	9.1	7.7	8.4	7.3	6.8	7.0
12	11.1	10.9	11.0	11.3	10.9	11.1	8.8	7.6	8.0	7.2	6.8	7.0
13	11.2	10.9	11.0	11.3	11.1	11.2	7.9	7.1	7.3	7.2	6.5	7.0
14	11.2	10.9	11.0	11.3	10.9	11.2	8.5	7.0	7.6	6.9	6.6	6.8
15	11.1	10.8	11.0	11.5	11.1	11.3	8.8	7.6	8.2	6.9	6.2	6.7
16	11.0	10.6	10.8	11.6	11.2	11.3	8.9	8.0	8.5	6.6	6.1	6.3
17	10.8	10.5	10.6	11.6	11.2	11.4	8.9	8.1	8.5	6.6	6.2	6.4
18	10.9	10.4	10.7	11.6	11.3	11.4	8.8	8.0	8.4	6.5	6.1	6.3
19	10.9	10.6	10.7	11.7	11.3	11.5	8.8	8.0	8.4	6.4	5.8	6.2
20	11.2	10.8	11.0	11.8	11.5	11.6	8.6	7.8	8.2	6.4	5.8	6.2
21	11.3	11.0	11.2	11.7	11.4	11.6	8.3	7.6	7.9	6.8	6.3	6.5
22	11.2	11.0	11.1	11.8	11.4	11.6	8.0	7.2	7.6	6.8	6.3	6.5
23	11.0	10.8	10.9	11.6	10.8	11.1	7.7	7.0	7.3	6.9	6.5	6.7
24	10.8	10.5	10.7	10.8	10.2	10.5	---	---	---	7.0	6.5	6.7
25	10.6	10.4	10.5	10.6	10.2	10.4	---	---	---	7.0	6.5	6.8
26	10.7	10.3	10.5	10.3	9.8	10.1	---	---	---	6.9	6.4	6.6
27	10.9	10.6	10.8	10.1	9.6	9.9	---	---	---	6.9	6.5	6.7
28	11.1	10.7	10.9	9.9	9.5	9.7	---	---	---	6.9	6.5	6.7
29	---	---	---	9.9	9.3	9.6	---	---	---	6.8	6.5	6.6
30	---	---	---	10.2	9.3	9.7	---	---	---	6.6	6.2	6.4
31	---	---	---	10.1	9.5	9.7	---	---	---	6.7	6.2	6.4
MONTH	11.8	10.3	11.0	11.8	9.3	10.9	---	---	---	---	---	---



## ROANOKE RIVER BASIN

02081094 ROANOKE RIVER AT JAMESVILLE, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER—CONTINUED  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.6	6.1	6.3	5.0	4.6	4.8	5.0	4.6	4.8	5.9	5.6	5.8
2	6.6	6.0	6.4	5.1	4.7	4.9	4.8	4.5	4.6	5.9	5.6	5.8
3	6.5	6.0	6.3	5.2	4.7	5.0	5.0	4.5	4.7	5.9	5.5	5.7
4	6.2	5.9	6.0	5.2	4.6	4.9	4.9	4.6	4.7	6.1	5.5	5.8
5	6.3	6.0	6.1	5.2	4.8	5.0	5.1	4.7	4.9	6.2	5.8	6.0
6	6.3	6.0	6.2	5.0	4.7	4.9	5.1	4.9	5.0	6.3	5.8	6.1
7	6.2	6.0	6.1	5.2	4.8	5.0	5.0	4.8	4.9	6.4	5.9	6.1
8	6.1	5.9	6.0	5.4	5.0	5.2	5.1	4.8	5.0	6.4	6.0	6.2
9	6.2	5.8	6.0	5.5	5.1	5.3	5.4	5.0	5.1	6.5	6.2	6.3
10	6.3	6.0	6.1	5.2	4.9	5.1	5.2	4.9	5.1	6.6	6.2	6.4
11	6.2	5.6	5.9	5.1	4.7	4.9	5.1	4.7	4.9	6.7	6.2	6.4
12	6.0	5.6	5.8	5.2	4.8	5.0	5.4	4.9	5.1	6.6	6.1	6.4
13	5.9	5.7	5.8	5.5	5.0	5.3	5.8	5.0	5.4	6.4	5.9	6.2
14	6.0	5.6	5.8	5.6	5.2	5.4	5.8	5.5	5.6	6.4	6.0	6.2
15	6.0	5.6	5.7	5.6	5.4	5.5	5.6	5.4	5.5	6.5	5.8	6.3
16	5.9	5.6	5.8	5.8	5.4	5.6	5.7	5.4	5.5	5.8	5.3	5.5
17	5.8	5.4	5.6	---	---	---	5.7	5.5	5.6	5.7	5.1	5.4
18	5.8	5.4	5.6	---	---	---	5.7	5.5	5.6	5.8	5.3	5.6
19	5.8	5.3	5.6	---	---	---	5.7	5.4	5.6	5.9	5.4	5.7
20	5.5	5.2	5.4	---	---	---	5.9	5.4	5.6	5.8	5.3	5.5
21	5.6	5.3	5.4	5.5	5.3	5.4	---	---	---	5.8	5.4	5.6
22	5.6	5.1	5.4	5.5	5.2	5.4	---	---	---	5.8	5.4	5.5
23	6.0	5.5	5.7	5.4	5.2	5.3	---	---	---	5.8	5.3	5.5
24	6.1	5.7	5.9	5.3	4.9	5.2	---	---	---	5.9	5.4	5.6
25	---	---	---	5.0	4.8	4.9	---	---	---	6.0	5.3	5.7
26	---	---	---	4.9	4.7	4.8	---	---	---	6.0	5.5	5.7
27	---	---	---	4.9	4.6	4.7	6.0	5.6	5.8	6.1	5.6	5.8
28	5.8	5.5	5.7	5.0	4.6	4.8	6.0	5.6	5.8	6.2	5.7	5.9
29	5.9	5.3	5.6	5.5	4.9	5.2	6.0	5.7	5.9	6.3	5.8	6.1
30	5.3	4.4	4.8	5.4	4.5	5.0	6.0	5.7	5.8	6.2	5.9	6.0
31	---	---	---	5.1	4.4	4.7	5.9	5.7	5.8	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	6.7	5.1	5.9

## 02081094 ROANOKE RIVER AT JAMESVILLE, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	69	61	65	63	58	61	88	84	86	---	---	---
2	73	66	70	59	52	57	90	86	88	---	---	---
3	73	68	71	58	55	56	90	85	87	89	86	88
4	74	70	72	61	56	58	88	85	86	88	85	86
5	73	68	71	63	58	60	88	85	87	89	85	87
6	73	67	69	65	61	63	87	84	85	89	85	87
7	70	66	68	65	60	63	86	82	84	88	82	86
8	---	---	---	63	58	60	84	82	83	89	83	86
9	---	---	---	64	58	62	84	82	83	87	82	84
10	---	---	---	70	63	67	85	81	83	87	81	84
11	---	---	---	73	67	71	86	81	84	---	---	---
12	---	---	---	77	72	74	84	83	84	90	84	87
13	---	---	---	78	75	77	84	81	83	89	85	87
14	68	64	66	78	75	76	84	81	82	88	80	83
15	68	64	66	78	75	76	85	82	84	84	78	81
16	68	63	66	77	74	76	87	84	86	87	82	84
17	68	65	66	81	75	78	86	84	85	86	81	83
18	70	67	68	85	79	83	85	84	84	---	---	---
19	70	67	68	85	78	84	84	81	83	---	---	---
20	69	66	67	86	81	84	83	80	82	---	---	---
21	69	66	67	85	81	83	85	81	83	---	---	---
22	69	64	68	82	79	80	86	83	84	---	---	---
23	68	64	66	84	80	82	86	83	85	---	---	---
24	68	65	67	84	82	83	84	81	83	---	---	---
25	67	63	65	87	83	85	83	80	82	86	84	85
26	70	64	66	86	82	84	84	81	83	87	84	86
27	68	65	67	86	83	84	86	82	84	87	84	85
28	67	64	65	87	83	85	88	85	86	87	82	84
29	68	64	66	87	83	85	---	---	---	89	83	85
30	67	63	65	89	83	87	---	---	---	89	86	88
31	66	62	63	---	---	---	---	---	---	90	84	87
MONTH	---	---	---	89	52	74	---	---	---	---	---	---
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	90	85	87	90	85	88	97	88	93	---	---	---
2	91	85	88	91	88	89	95	89	92	---	---	---
3	91	87	88	91	88	89	95	85	90	---	---	---
4	90	85	88	93	88	91	96	84	89	---	---	---
5	89	85	87	95	92	93	96	84	89	---	---	---
6	91	86	89	96	93	95	95	82	88	---	---	---
7	91	88	89	97	94	96	94	80	88	---	---	---
8	93	89	91	97	94	95	91	75	82	---	---	---
9	94	90	92	97	93	95	91	72	81	---	---	---
10	94	90	91	96	93	95	94	75	84	---	---	---
11	91	89	90	95	92	94	94	76	85	77	73	75
12	91	89	90	96	92	94	90	76	80	78	74	76
13	92	90	91	97	94	95	78	68	71	78	70	76
14	92	90	90	97	93	95	82	66	72	75	71	73
15	92	89	91	98	94	96	85	71	78	76	68	73
16	92	90	91	99	95	96	86	75	81	73	67	70
17	91	89	90	97	94	95	87	76	82	73	68	70
18	92	88	90	98	94	96	87	76	82	73	68	70
19	92	89	90	99	95	97	89	78	83	72	65	70
20	93	90	92	101	97	99	88	78	83	72	65	70
21	94	91	93	101	98	99	86	78	82	76	70	72
22	94	91	92	102	98	100	84	75	79	76	69	73
23	93	91	92	102	96	98	82	74	77	77	72	74
24	91	88	90	97	91	95	---	---	---	79	72	75
25	89	87	88	96	91	94	---	---	---	78	72	76
26	90	86	88	95	88	92	---	---	---	78	71	74
27	91	89	90	92	87	90	---	---	---	78	72	75
28	91	88	90	92	87	89	---	---	---	79	73	75
29	---	---	---	93	85	89	---	---	---	78	74	75
30	---	---	---	98	86	91	---	---	---	76	70	74
31	---	---	---	97	89	92	---	---	---	77	71	73
MONTH	94	85	90	102	85	94	---	---	---	---	---	---

## ROANOKE RIVER BASIN

02081094 ROANOKE RIVER AT JAMESVILLE, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION—CONTINUED  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	75	70	72	63	57	60	64	58	60	77	72	75
2	75	68	72	65	59	62	61	57	59	77	72	75
3	74	68	71	66	60	63	64	57	59	77	71	74
4	71	67	69	67	59	62	63	59	61	79	71	75
5	72	68	70	67	61	64	66	60	63	79	74	77
6	73	68	71	65	60	63	67	63	65	80	74	77
7	72	70	71	68	62	64	66	63	65	80	74	76
8	73	69	71	70	64	67	67	63	65	80	74	78
9	74	68	71	71	66	68	70	65	67	81	77	78
10	75	71	73	68	63	65	68	64	66	81	76	78
11	75	67	70	66	61	63	67	61	64	82	76	78
12	74	67	71	68	63	65	71	64	67	81	75	78
13	72	69	71	71	65	68	76	65	71	79	73	76
14	74	68	71	72	67	69	77	72	74	79	74	77
15	74	68	70	72	68	71	74	71	72	80	71	77
16	73	68	71	75	69	72	75	71	72	71	65	67
17	73	68	70	---	---	---	75	71	73	71	63	67
18	73	68	71	---	---	---	74	71	72	72	66	69
19	72	66	70	---	---	---	74	70	72	74	68	72
20	67	64	66	---	---	---	77	70	73	73	67	70
21	69	64	67	72	68	70	---	---	---	74	68	71
22	69	62	66	72	68	70	---	---	---	74	68	70
23	74	67	70	71	68	70	---	---	---	73	67	70
24	74	69	72	69	64	67	---	---	---	75	68	70
25	---	---	---	65	62	63	---	---	---	75	66	71
26	---	---	---	64	61	63	---	---	---	75	68	72
27	---	---	---	64	60	63	77	72	74	76	70	73
28	72	68	70	67	61	64	77	72	75	77	71	74
29	72	65	69	73	65	69	77	73	75	78	72	75
30	65	54	59	72	59	66	77	73	75	76	69	74
31	---	---	---	66	57	61	76	73	75	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	82	63	74