

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	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
DISSOLVED OXYGEN, mg/L	14.3, January 8, 1999	2.5, September 1, 1998
DISSOLVED OXYGEN, PERCENT SATURATION,%	112, January 8, 1999	31, September 1, 1998

EXTREMES FOR CURRENT YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	176, August 29	90, April 6, 7
pH, standard units	7.7, June 14, 15, 16, 17	6.2, April 7
WATER TEMPERATURE, °C	31.4, August 3	3.4, January 9
DISSOLVED OXYGEN, mg/L	12.2, January 9, 10	3.4, April 18, 20
DISSOLVED OXYGEN, PERCENT SATURATION,%	103, June 25	40, April 18, 20

ROANOKE RIVER BASIN

02081094 ROANOKE RIVER AT JAMESVILLE, NC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	116	115	115	155	153	154	---	---	---	145	144	144
2	117	115	116	157	155	155	---	---	---	145	144	144
3	133	117	122	158	155	157	---	---	---	144	143	144
4	140	126	132	158	157	157	---	---	---	145	144	144
5	145	136	141	157	153	154	154	151	152	144	144	144
6	145	143	144	153	142	147	153	152	153	144	142	143
7	143	141	142	152	147	150	153	152	153	143	142	143
8	142	125	135	154	151	152	152	151	152	142	140	142
9	136	124	130	155	153	154	151	148	150	142	140	141
10	134	122	125	155	154	154	150	148	149	143	141	142
11	134	125	130	154	152	153	149	147	148	145	143	145
12	144	127	138	153	151	152	---	---	---	145	140	143
13	145	143	145	152	150	151	154	152	153	142	140	141
14	145	143	144	152	149	151	---	---	---	143	139	140
15	143	141	142	152	151	152	152	150	151	139	138	139
16	142	135	140	153	151	152	---	---	---	141	139	140
17	139	127	132	154	153	153	---	---	---	142	141	142
18	149	136	141	154	151	152	---	---	---	142	141	142
19	152	149	151	152	149	150	146	144	145	141	137	140
20	151	147	149	149	148	149	148	146	147	138	137	138
21	147	143	145	---	---	---	147	146	147	142	138	139
22	143	127	134	---	---	---	147	146	146	142	141	142
23	142	125	132	---	---	---	146	145	145	142	137	139
24	146	142	145	---	---	---	146	144	144	137	130	133
25	147	141	143	---	---	---	147	144	145	130	119	124
26	150	138	145	---	---	---	150	147	148	119	118	119
27	139	129	133	---	---	---	149	148	149	124	119	121
28	148	137	145	---	---	---	149	148	149	127	124	126
29	148	146	148	---	---	---	150	148	149	129	127	129
30	150	148	149	---	---	---	149	146	147	131	129	130
31	153	149	151	---	---	---	146	144	145	133	131	132
MONTH	153	115	138	---	---	---	---	---	---	145	118	138
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	134	133	133	157	155	157	144	128	137	166	164	165
2	134	131	133	156	153	155	132	129	131	169	166	168
3	136	134	135	154	153	153	136	130	134	172	169	171
4	140	136	138	153	150	151	139	125	132	172	169	170
5	143	139	141	153	143	151	126	98	115	171	169	169
6	146	143	145	155	151	153	98	90	93	169	168	168
7	147	145	146	156	142	155	99	90	94	169	167	168
8	147	147	147	159	146	155	111	99	106	170	168	169
9	147	142	146	155	141	153	120	111	115	171	169	170
10	145	144	144	153	137	149	123	119	120	171	168	169
11	145	143	144	151	137	147	127	122	125	168	164	166
12	146	133	143	154	141	151	132	126	130	165	164	164
13	144	140	142	158	146	155	136	132	134	165	163	163
14	141	137	138	159	144	156	138	135	137	165	164	164
15	137	136	137	158	156	157	141	138	139	168	165	166
16	137	136	136	157	155	156	144	141	142	173	168	169
17	140	137	138	159	153	155	147	144	145	172	167	169
18	142	139	140	155	152	154	152	146	148	167	161	164
19	146	141	144	155	151	153	153	149	151	161	160	161
20	148	146	147	157	155	156	154	152	153	163	160	162
21	149	147	148	158	155	157	154	152	153	166	163	164
22	148	146	147	158	153	155	155	152	154	166	163	165
23	149	141	147	154	151	152	157	153	155	165	162	164
24	149	147	148	151	145	148	160	157	159	163	161	162
25	150	148	149	145	143	144	162	159	160	164	162	163
26	154	149	152	145	135	144	164	154	163	165	163	164
27	157	154	156	147	144	145	165	162	163	164	162	163
28	158	156	157	151	145	146	165	163	164	163	162	162
29	---	---	---	149	146	147	165	164	164	165	162	163
30	---	---	---	149	147	148	166	164	165	166	161	165
31	---	---	---	149	144	148	---	---	---	166	165	166
MONTH	158	131	144	159	135	152	166	90	139	173	160	166

ROANOKE RIVER BASIN

02081094 ROANOKE RIVER AT JAMESVILLE, NC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	165	164	165	169	167	168	160	154	157	171	165	168
2	165	164	164	169	168	169	160	152	156	166	158	161
3	164	163	164	169	165	167	163	160	162	164	160	163
4	166	163	164	167	164	166	163	160	161	165	162	163
5	166	165	166	167	164	165	162	155	158	168	165	166
6	167	165	167	166	163	165	166	159	164	167	164	165
7	166	165	166	165	156	160	172	165	169	167	164	166
8	166	165	165	163	153	158	171	169	170	168	166	167
9	165	163	163	160	152	156	172	169	171	170	167	168
10	165	163	164	160	152	154	172	170	171	168	166	167
11	165	164	165	157	151	154	172	170	171	169	166	168
12	165	162	163	161	157	159	173	170	172	169	167	168
13	164	160	161	168	157	161	173	171	172	170	168	169
14	164	162	162	164	150	158	173	168	170	170	168	169
15	164	162	163	168	156	161	173	171	172	169	166	168
16	164	162	163	168	153	161	171	168	169	169	167	168
17	164	162	163	170	152	164	171	168	169	169	167	168
18	164	162	163	169	154	161	170	168	168	170	166	168
19	163	163	163	165	156	162	170	168	169	172	169	170
20	165	163	165	163	159	161	171	169	170	172	169	171
21	167	165	166	159	152	156	172	171	171	170	168	169
22	167	164	165	157	152	154	174	170	172	168	162	166
23	166	161	165	158	151	154	175	170	173	162	159	160
24	166	163	165	159	153	156	171	170	170	166	160	164
25	169	164	166	162	152	157	171	167	169	165	163	165
26	169	167	168	159	152	156	169	164	167	---	---	---
27	170	167	168	160	156	158	169	164	167	166	163	164
28	170	167	169	156	151	154	172	168	170	166	163	165
29	170	168	169	158	150	154	176	171	173	168	164	166
30	170	167	169	158	153	155	174	166	172	169	166	167
31	---	---	---	160	153	157	171	169	170	---	---	---
MONTH	170	160	165	170	150	159	176	152	168	---	---	---

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

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

ROANOKE RIVER BASIN

02081094 ROANOKE RIVER AT JAMESVILLE, NC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	6.9	6.9	6.9	7.2	7.2	7.2	6.7	6.5	6.6	7.0	6.9	7.0
2	7.0	6.9	6.9	7.3	7.2	7.2	6.6	6.5	6.5	7.0	6.9	6.9
3	7.0	6.9	6.9	7.2	7.2	7.2	6.7	6.6	6.6	7.0	6.9	6.9
4	7.0	6.9	6.9	7.2	7.1	7.1	6.7	6.5	6.6	7.0	6.9	6.9
5	7.0	6.9	7.0	7.2	7.1	7.1	6.5	6.4	6.5	6.9	6.8	6.9
6	7.0	6.9	7.0	7.2	7.1	7.1	6.4	6.3	6.3	6.9	6.8	6.9
7	7.0	6.9	7.0	7.2	7.1	7.1	6.3	6.2	6.3	6.9	6.8	6.8
8	7.0	7.0	7.0	7.2	7.1	7.1	6.3	6.3	6.3	6.8	6.8	6.8
9	7.1	7.0	7.0	7.1	7.1	7.1	6.6	6.3	6.4	6.8	6.8	6.8
10	7.1	7.0	7.1	7.1	7.1	7.1	6.6	6.6	6.6	6.8	6.7	6.7
11	7.1	7.1	7.1	7.1	7.0	7.1	6.7	6.6	6.6	6.8	6.7	6.7
12	7.1	7.0	7.1	7.1	7.0	7.0	6.7	6.6	6.7	6.8	6.6	6.7
13	7.1	7.0	7.0	7.1	7.0	7.0	6.7	6.6	6.7	6.7	6.6	6.7
14	7.0	6.9	7.0	7.0	6.9	7.0	6.7	6.7	6.7	6.8	6.7	6.7
15	7.0	7.0	7.0	7.0	6.9	7.0	6.7	6.7	6.7	6.8	6.7	6.7
16	7.1	7.0	7.0	7.0	6.9	7.0	6.7	6.7	6.7	6.9	6.5	6.7
17	7.1	7.0	7.1	7.0	6.8	7.0	6.8	6.7	6.7	6.9	6.9	6.9
18	7.1	7.1	7.1	6.9	6.9	6.9	6.8	6.7	6.7	7.0	6.9	6.9
19	7.1	7.1	7.1	6.9	6.9	6.9	6.8	6.7	6.7	6.9	6.9	6.9
20	7.1	7.1	7.1	6.9	6.9	6.9	6.8	6.7	6.8	6.9	6.9	6.9
21	7.2	7.1	7.1	6.9	6.9	6.9	6.8	6.8	6.8	7.0	6.9	6.9
22	7.1	7.1	7.1	7.0	6.9	6.9	6.8	6.8	6.8	7.0	6.9	7.0
23	7.2	7.1	7.1	7.0	6.9	6.9	6.8	6.8	6.8	7.0	6.9	7.0
24	7.2	7.1	7.2	6.9	6.8	6.9	6.9	6.8	6.8	7.0	7.0	7.0
25	7.2	7.1	7.1	6.8	6.8	6.8	6.9	6.8	6.9	7.2	7.0	7.0
26	7.2	7.1	7.2	6.9	6.8	6.8	6.9	6.8	6.9	7.1	7.0	7.0
27	7.2	7.2	7.2	6.8	6.8	6.8	6.9	6.9	6.9	7.1	7.0	7.0
28	7.2	7.2	7.2	6.8	6.8	6.8	6.9	6.9	6.9	7.1	7.0	7.0
29	---	---	---	6.8	6.7	6.8	7.0	6.9	6.9	7.1	6.8	7.0
30	---	---	---	6.9	6.8	6.8	7.0	6.9	7.0	7.1	6.9	7.0
31	---	---	---	6.9	6.7	6.8	---	---	---	7.1	6.9	7.0
MONTH	7.2	6.9	7.1	7.3	6.7	7.0	7.0	6.2	6.7	7.2	6.5	6.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.2	7.0	7.1	7.1	6.8	7.0	7.1	6.9	7.0	7.1	7.0	7.1
2	7.2	7.1	7.1	7.2	6.9	7.1	7.2	7.0	7.1	7.1	7.0	7.0
3	7.3	7.1	7.2	7.2	7.0	7.1	7.3	7.1	7.1	7.0	7.0	7.0
4	7.2	7.1	7.1	7.3	7.0	7.2	7.2	7.0	7.1	7.0	6.9	7.0
5	7.3	7.1	7.1	7.3	6.9	7.1	7.2	7.0	7.1	7.0	7.0	7.0
6	7.3	7.1	7.2	7.3	7.0	7.1	7.1	7.0	7.1	7.0	6.8	6.9
7	7.2	7.2	7.2	7.3	7.0	7.1	7.2	7.1	7.1	7.0	6.9	6.9
8	7.4	7.1	7.3	7.3	7.0	7.2	7.3	7.0	7.1	7.0	6.9	7.0
9	7.5	7.3	7.4	7.2	6.8	6.9	7.3	7.0	7.2	7.1	7.0	7.0
10	7.4	7.3	7.4	7.2	6.8	7.0	7.3	7.1	7.2	7.1	7.0	7.1
11	7.4	7.3	7.4	7.2	6.8	7.1	7.3	7.2	7.2	7.2	7.1	7.1
12	7.5	7.3	7.4	7.2	6.9	7.1	7.3	7.1	7.2	7.2	7.1	7.2
13	7.6	7.2	7.3	7.1	6.9	7.0	7.2	7.2	7.2	7.2	7.2	7.2
14	7.7	7.5	7.6	7.0	6.8	6.9	7.2	7.2	7.2	7.3	7.2	7.3
15	7.7	7.4	7.6	7.2	6.8	7.0	7.2	7.0	7.1	7.3	7.2	7.3
16	7.7	7.5	7.6	7.2	7.0	7.1	7.1	7.0	7.0	7.3	7.2	7.2
17	7.7	7.4	7.6	7.2	7.0	7.2	7.1	7.0	7.0	7.3	7.2	7.2
18	7.6	7.4	7.5	7.2	6.9	7.1	7.1	6.9	7.0	7.3	7.0	7.2
19	7.6	7.3	7.4	7.3	7.0	7.1	7.0	6.9	7.0	7.3	7.2	7.3
20	7.5	7.4	7.4	7.3	7.1	7.2	7.1	6.9	7.0	7.3	7.2	7.2
21	7.5	7.2	7.3	7.3	7.0	7.2	7.1	6.9	7.0	7.2	7.0	7.2
22	7.3	7.0	7.2	7.3	7.2	7.2	7.0	7.0	7.0	7.1	7.0	7.1
23	7.3	7.0	7.1	7.3	7.2	7.2	7.1	6.9	7.0	7.0	7.0	7.0
24	7.2	7.0	7.0	7.3	7.1	7.2	7.1	7.0	7.0	7.1	7.0	7.0
25	7.1	6.7	6.9	7.2	7.1	7.2	7.1	6.9	7.0	7.1	7.0	7.0
26	7.0	6.8	6.9	7.2	7.0	7.1	7.1	6.9	7.0	7.1	7.0	7.1
27	7.1	6.7	7.0	7.1	7.0	7.1	7.1	6.9	7.0	7.1	7.0	7.1
28	7.2	6.7	7.0	7.1	7.0	7.0	7.1	7.0	7.0	7.2	7.0	7.1
29	7.1	6.8	7.0	7.1	7.0	7.0	7.1	7.0	7.0	7.1	7.1	7.1
30	7.1	6.8	7.0	7.1	6.9	7.0	7.1	7.0	7.0	7.1	7.0	7.1
31	---	---	---	7.1	7.0	7.0	7.1	7.0	7.0	---	---	---
MONTH	7.7	6.7	7.2	7.3	6.8	7.1	7.3	6.9	7.1	7.3	6.8	7.1

ROANOKE RIVER BASIN

02081094 ROANOKE RIVER AT JAMESVILLE, NC--Continued

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

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	21.3	21.0	21.1	16.6	16.0	16.3	---	---	---	7.9	7.2	7.6
2	21.3	20.7	21.0	16.1	15.8	15.9	---	---	---	7.2	6.3	6.8
3	21.3	20.7	20.9	15.9	15.6	15.7	---	---	---	6.3	5.4	5.9
4	20.9	20.5	20.7	15.8	15.6	15.7	---	---	---	5.4	5.2	5.3
5	20.7	20.3	20.5	15.7	15.4	15.6	16.0	15.6	15.8	5.4	5.1	5.2
6	20.8	20.6	20.7	15.6	15.3	15.5	15.6	15.3	15.5	5.1	4.8	5.0
7	20.8	20.5	20.7	15.8	15.3	15.6	15.3	15.0	15.1	4.8	4.2	4.6
8	20.6	20.2	20.4	16.2	15.5	15.8	15.0	14.6	14.8	4.2	3.9	4.0
9	20.2	19.7	20.0	16.0	15.5	15.7	14.6	14.0	14.4	3.9	3.4	3.6
10	19.9	19.6	19.7	15.5	14.9	15.2	14.0	13.5	13.7	4.4	3.7	4.0
11	19.8	19.3	19.6	15.0	14.3	14.7	13.7	13.5	13.6	5.3	4.4	4.8
12	19.6	19.1	19.3	14.3	13.5	13.8	---	---	---	5.4	5.0	5.2
13	19.5	18.8	19.1	13.6	13.1	13.3	14.3	14.0	14.2	5.5	5.2	5.4
14	19.9	18.9	19.2	13.6	13.2	13.4	---	---	---	5.8	5.3	5.5
15	19.9	19.2	19.5	13.9	13.4	13.6	14.4	14.1	14.3	6.3	5.8	6.0
16	20.0	19.4	19.6	13.9	13.5	13.7	---	---	---	6.6	6.1	6.3
17	19.8	19.4	19.6	13.9	13.6	13.8	---	---	---	7.0	6.6	6.7
18	19.6	19.2	19.4	13.7	13.4	13.6	---	---	---	7.1	6.9	6.9
19	19.3	19.1	19.2	13.8	13.4	13.6	13.5	13.2	13.3	6.9	6.6	6.7
20	19.2	18.9	19.0	13.7	13.5	13.6	13.2	12.8	13.1	6.8	6.5	6.7
21	19.0	18.5	18.7	---	---	---	12.8	12.0	12.3	6.7	6.4	6.6
22	18.8	18.5	18.6	---	---	---	12.0	11.2	11.6	6.7	6.4	6.6
23	18.8	18.3	18.5	---	---	---	11.2	10.8	10.9	6.8	6.5	6.7
24	19.4	18.7	18.9	---	---	---	11.1	10.7	10.9	7.3	6.8	7.0
25	19.8	19.1	19.4	---	---	---	10.7	10.0	10.3	7.6	7.2	7.4
26	19.5	19.1	19.3	---	---	---	10.0	9.3	9.7	7.9	7.3	7.6
27	19.1	18.7	18.9	---	---	---	9.3	8.5	8.8	8.3	7.7	7.9
28	18.7	17.9	18.2	---	---	---	8.5	8.2	8.4	9.0	8.3	8.5
29	18.0	17.6	17.8	---	---	---	8.4	8.2	8.3	9.6	9.0	9.2
30	17.6	17.2	17.4	---	---	---	8.3	8.0	8.1	10.3	9.6	10.0
31	17.2	16.5	16.9	---	---	---	8.1	7.9	7.9	10.9	10.3	10.6
MONTH	21.3	16.5	19.4	---	---	---	---	---	---	10.9	3.4	6.5
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.9	10.8	11.4	10.3	9.9	10.1	16.7	16.1	16.4	21.3	20.6	20.9
2	12.0	11.6	11.8	10.0	9.7	9.8	16.7	16.1	16.4	22.1	21.0	21.5
3	12.3	11.8	12.1	10.3	9.8	10.1	17.5	16.5	16.9	22.1	21.8	21.9
4	12.3	11.4	11.9	10.4	9.9	10.2	17.3	16.8	17.0	21.9	21.6	21.7
5	11.4	10.6	10.8	9.9	9.5	9.7	16.8	16.1	16.4	21.6	21.1	21.3
6	10.7	10.2	10.4	9.7	9.4	9.6	16.1	15.6	15.7	22.1	20.9	21.3
7	10.2	9.5	9.9	9.9	9.4	9.6	15.9	15.3	15.6	22.6	21.5	22.0
8	9.5	8.9	9.1	10.8	9.9	10.2	15.9	15.3	15.7	23.4	22.0	22.4
9	9.0	8.2	8.5	11.4	10.8	11.0	16.5	15.9	16.2	23.2	22.2	22.6
10	8.4	8.0	8.3	11.9	11.4	11.7	16.6	16.3	16.4	23.4	22.4	22.7
11	8.7	8.4	8.6	11.8	11.6	11.7	16.9	16.0	16.4	22.9	22.6	22.8
12	9.1	8.5	8.8	12.0	11.8	11.9	17.3	16.5	16.9	24.2	22.6	23.4
13	9.4	9.1	9.2	12.6	11.9	12.3	17.9	17.1	17.4	25.2	23.9	24.6
14	9.4	8.9	9.2	13.6	12.6	13.1	18.9	17.9	18.3	25.1	24.8	25.0
15	9.7	9.1	9.4	14.2	13.6	13.9	19.7	18.9	19.2	24.8	24.4	24.6
16	9.9	9.5	9.7	15.0	14.2	14.6	20.7	19.7	20.2	24.6	23.9	24.2
17	9.9	9.4	9.6	14.9	14.2	14.6	21.6	20.6	21.1	24.5	23.6	23.9
18	9.5	8.9	9.2	14.2	14.0	14.1	22.4	21.5	21.9	24.0	23.0	23.6
19	9.3	8.8	9.1	14.4	14.0	14.2	23.1	22.4	22.7	23.0	22.4	22.7
20	9.6	9.1	9.3	15.2	14.4	14.7	23.6	23.0	23.3	22.4	22.0	22.1
21	10.2	9.6	10.0	15.2	14.9	15.1	24.3	23.6	23.8	22.1	21.8	21.9
22	10.3	10.1	10.2	14.9	14.0	14.5	23.9	23.5	23.8	21.8	21.3	21.5
23	10.3	10.0	10.2	14.0	13.4	13.6	23.5	23.1	23.3	21.5	20.8	21.1
24	10.2	9.8	10.0	13.6	13.1	13.3	23.3	22.4	22.8	21.9	20.8	21.1
25	10.6	10.1	10.3	13.7	12.9	13.3	22.4	21.6	22.1	22.9	21.0	21.5
26	11.0	10.4	10.7	14.1	13.5	13.7	21.6	21.0	21.4	22.7	21.6	22.1
27	11.3	10.7	11.1	14.4	14.0	14.1	21.0	20.3	20.7	23.5	22.3	22.7
28	10.7	10.3	10.4	14.4	13.8	14.1	20.6	20.2	20.4	23.8	22.8	23.2
29	---	---	---	14.9	14.2	14.5	20.8	20.3	20.6	24.6	23.6	24.1
30	---	---	---	15.9	14.9	15.3	20.9	20.1	20.5	25.5	24.4	24.9
31	---	---	---	16.4	15.9	16.1	---	---	---	26.2	25.1	25.7
MONTH	12.3	8.0	10.0	16.4	9.4	12.7	24.3	15.3	19.3	26.2	20.6	22.7

ROANOKE RIVER BASIN

02081094 ROANOKE RIVER AT JAMESVILLE, NC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	27.0	25.9	26.4	28.9	28.3	28.5	30.5	29.9	30.2	26.8	26.2	26.6
2	27.0	26.2	26.6	28.8	28.2	28.4	31.3	30.5	30.8	26.2	25.3	25.6
3	27.2	26.5	26.8	29.0	28.0	28.5	31.4	30.8	31.1	25.8	25.0	25.3
4	27.2	26.4	26.7	29.7	29.0	29.3	31.3	30.8	31.0	25.9	25.3	25.6
5	27.6	26.5	26.9	30.0	29.5	29.7	31.1	30.5	30.7	26.1	25.6	25.8
6	27.9	26.9	27.4	29.6	29.0	29.3	30.8	30.0	30.3	26.0	25.5	25.7
7	27.6	27.0	27.3	29.5	28.7	29.1	30.2	29.4	29.7	26.0	25.6	25.8
8	27.0	26.3	26.6	29.4	28.8	29.1	29.4	28.8	29.0	26.6	25.9	26.1
9	27.2	26.4	26.7	29.1	28.5	28.8	28.9	28.4	28.6	26.6	26.2	26.4
10	27.1	26.5	26.7	28.9	28.3	28.7	28.7	28.0	28.3	26.7	26.5	26.6
11	27.0	26.2	26.6	28.5	27.8	28.2	28.3	27.7	28.0	26.9	26.3	26.6
12	27.2	26.3	26.7	27.8	27.4	27.6	28.2	27.6	27.9	26.6	26.1	26.4
13	27.5	26.5	26.9	27.7	27.2	27.4	28.2	27.6	27.9	26.4	26.0	26.1
14	27.5	26.8	27.0	27.7	27.2	27.5	28.4	27.8	28.1	26.3	25.8	26.0
15	27.9	27.0	27.5	27.9	27.3	27.6	28.6	28.2	28.4	26.1	25.8	25.9
16	28.3	27.5	27.9	28.1	27.6	27.8	28.9	28.6	28.7	26.1	25.9	26.0
17	28.4	27.9	28.1	28.3	27.8	28.0	29.4	28.7	28.9	26.2	25.9	26.0
18	28.0	27.5	27.7	28.9	28.0	28.4	29.7	28.9	29.2	26.1	25.6	25.9
19	27.5	27.0	27.2	29.5	28.7	29.1	29.7	29.1	29.4	25.9	25.3	25.6
20	27.7	27.2	27.3	29.9	29.2	29.5	29.7	29.2	29.4	26.0	25.4	25.7
21	27.3	26.8	27.0	29.8	29.2	29.5	29.7	29.0	29.3	26.4	25.6	25.9
22	27.1	26.7	26.9	29.7	29.1	29.4	30.2	29.2	29.5	26.3	25.8	26.0
23	27.6	26.8	27.1	29.5	29.1	29.3	30.6	29.6	29.9	26.1	26.0	26.0
24	27.9	27.0	27.3	29.5	28.9	29.2	30.7	30.2	30.4	26.1	25.7	25.9
25	28.1	27.2	27.6	29.3	29.0	29.2	30.7	30.2	30.4	26.1	25.8	25.9
26	28.5	27.8	28.1	29.0	28.7	28.8	30.4	29.4	30.0	25.8	25.6	25.7
27	28.2	28.0	28.2	29.1	28.6	28.8	29.6	29.2	29.4	26.1	25.6	25.8
28	28.8	27.9	28.3	29.0	28.4	28.7	29.3	28.9	29.1	26.3	25.8	26.0
29	29.1	28.2	28.6	29.6	28.7	29.2	29.0	28.7	28.9	25.8	25.4	25.5
30	28.9	28.5	28.7	30.0	29.4	29.6	28.7	27.8	28.3	25.4	25.1	25.2
31	---	---	---	30.1	29.6	29.8	27.8	26.8	27.3	---	---	---
MONTH	29.1	25.9	27.3	30.1	27.2	28.8	31.4	26.8	29.3	26.9	25.0	25.9

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

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

ROANOKE RIVER BASIN

02081094 ROANOKE RIVER AT JAMESVILLE, NC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	9.3	8.8	9.1	9.8	9.4	9.5	6.7	5.9	6.3	6.1	5.1	5.8
2	9.3	8.9	9.1	9.9	9.6	9.7	6.5	6.0	6.2	6.0	5.0	5.7
3	9.0	8.5	8.7	9.9	9.6	9.7	6.5	6.2	6.3	5.8	5.2	5.6
4	8.6	8.4	8.5	9.7	9.2	9.4	6.7	6.1	6.3	5.7	5.1	5.6
5	8.9	8.5	8.8	9.7	9.3	9.5	6.1	5.8	6.0	5.8	5.5	5.6
6	8.7	8.4	8.6	9.8	9.3	9.6	5.9	5.7	5.8	5.8	5.2	5.6
7	8.9	8.4	8.7	10.0	9.6	9.8	5.8	5.7	5.8	5.8	5.3	5.6
8	9.3	8.9	9.1	9.9	9.6	9.8	6.0	5.7	5.8	6.0	5.2	5.6
9	9.8	9.3	9.5	9.8	9.5	9.6	6.2	5.7	5.9	5.9	5.5	5.7
10	9.9	9.6	9.8	9.6	9.4	9.5	5.8	5.4	5.7	6.1	5.4	5.7
11	10.0	9.7	9.9	9.5	9.2	9.4	5.8	5.6	5.7	6.2	5.6	6.0
12	10.0	9.5	9.7	9.4	8.9	9.2	5.8	5.4	5.6	6.1	5.8	6.0
13	9.7	9.2	9.5	9.2	8.5	8.8	5.5	5.2	5.4	6.1	5.7	5.9
14	9.4	9.0	9.2	8.7	8.1	8.4	5.3	5.1	5.2	6.3	5.6	6.0
15	9.2	8.9	9.0	8.4	7.9	8.1	5.2	4.7	4.9	6.6	6.1	6.3
16	9.1	8.9	9.0	8.1	7.6	7.9	4.9	4.0	4.6	6.8	6.3	6.5
17	9.3	9.0	9.2	8.0	7.6	7.9	4.6	4.1	4.3	6.9	6.3	6.7
18	9.4	9.2	9.3	8.0	7.8	7.9	4.4	3.4	4.1	7.0	6.5	6.8
19	9.6	9.2	9.4	7.8	7.6	7.7	4.1	3.6	3.9	7.0	6.7	6.8
20	9.5	9.2	9.4	7.6	7.2	7.4	4.1	3.4	3.9	7.1	6.8	6.9
21	9.5	9.2	9.4	7.3	7.1	7.2	4.2	3.6	4.1	7.1	6.6	7.0
22	9.5	9.3	9.4	7.5	6.9	7.3	4.3	3.8	4.1	7.4	6.9	7.1
23	9.5	9.2	9.3	7.6	7.3	7.5	4.6	3.8	4.3	7.6	7.1	7.3
24	9.6	9.1	9.4	7.8	7.4	7.6	4.8	4.0	4.4	7.6	7.2	7.4
25	9.6	9.3	9.4	7.8	7.4	7.7	4.8	4.2	4.6	8.1	7.4	7.6
26	9.6	8.9	9.4	7.6	7.2	7.5	5.2	4.3	5.0	7.7	7.3	7.5
27	9.5	9.2	9.3	7.5	7.1	7.4	5.2	4.7	5.1	7.8	7.1	7.4
28	9.6	9.2	9.3	7.4	7.1	7.2	5.6	4.7	5.3	7.6	6.8	7.4
29	---	---	---	7.3	7.0	7.1	6.1	4.9	5.7	7.4	6.6	7.1
30	---	---	---	7.3	7.1	7.1	6.3	5.6	6.1	7.3	6.6	6.9
31	---	---	---	7.1	6.4	6.8	---	---	---	7.4	6.4	7.0
MONTH	10.0	8.4	9.2	10.0	6.4	8.4	6.7	3.4	5.2	8.1	5.0	6.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.5	6.6	7.0	6.6	5.6	6.4	5.8	5.0	5.6	5.3	4.8	5.1
2	7.3	6.4	6.9	6.9	5.7	6.6	6.5	5.3	5.9	5.4	4.9	5.2
3	7.6	5.9	6.9	7.2	6.2	6.8	6.5	5.5	6.0	5.4	4.7	5.1
4	7.2	6.6	6.9	7.1	5.9	6.7	6.0	5.0	5.6	5.5	4.8	5.3
5	7.5	6.7	6.9	7.0	6.0	6.4	6.1	5.0	5.6	5.8	5.2	5.5
6	7.4	6.6	7.0	6.6	5.7	6.2	5.9	4.8	5.5	5.6	4.4	5.3
7	7.1	6.9	7.0	6.3	5.3	5.8	6.0	5.3	5.6	5.8	5.2	5.4
8	7.5	6.5	7.0	6.2	5.2	5.8	6.4	5.0	5.8	6.1	5.3	5.8
9	7.8	6.8	7.2	6.3	5.3	5.9	6.4	4.8	5.9	6.2	5.7	6.0
10	7.5	6.6	7.1	6.6	5.4	6.0	6.6	5.7	6.1	6.3	4.9	5.9
11	7.5	6.6	7.2	6.6	5.7	6.2	6.7	6.1	6.3	6.1	5.5	5.8
12	7.6	6.9	7.3	6.4	5.5	6.0	6.7	5.7	6.4	6.2	5.7	6.0
13	7.4	6.2	6.8	6.3	5.4	5.9	6.8	6.2	6.6	6.3	5.7	6.1
14	7.4	6.4	6.9	6.1	5.3	5.8	6.9	6.4	6.7	6.4	5.9	6.1
15	7.7	6.6	7.2	6.0	5.3	5.6	6.7	5.8	6.4	6.3	5.9	6.1
16	7.6	6.4	7.2	5.9	4.7	5.5	6.5	6.0	6.2	6.3	5.6	6.0
17	7.8	6.2	7.1	6.3	5.1	5.8	6.4	5.7	6.1	6.2	5.7	6.0
18	7.3	6.1	6.9	6.7	5.5	6.2	6.4	5.0	5.9	6.0	5.4	5.8
19	7.2	6.3	6.7	7.1	6.0	6.5	6.3	5.3	5.9	5.9	5.5	5.7
20	7.7	6.4	6.9	7.0	6.0	6.6	6.3	5.3	6.0	6.1	5.7	5.8
21	7.7	6.0	6.8	6.8	5.3	6.3	6.5	5.3	6.0	6.1	4.7	5.8
22	7.3	5.9	6.9	6.6	5.6	6.1	6.4	5.7	6.1	6.0	4.9	5.6
23	7.3	6.2	6.9	6.4	5.4	6.0	6.5	5.1	5.9	5.7	5.0	5.4
24	7.9	6.4	7.0	6.4	5.2	5.7	6.5	5.4	6.0	5.8	5.4	5.6
25	8.0	6.9	7.4	5.8	5.2	5.6	6.4	4.8	6.0	5.9	5.3	5.6
26	7.9	7.1	7.5	5.7	5.0	5.4	6.2	4.9	5.7	5.9	5.2	5.6
27	7.4	6.1	7.0	5.4	4.9	5.2	5.8	4.7	5.3	5.9	5.0	5.7
28	6.9	5.8	6.5	5.4	4.9	5.1	5.7	4.9	5.3	6.3	5.2	5.8
29	6.4	5.6	6.1	5.5	4.6	5.2	5.5	4.9	5.2	6.0	5.6	5.8
30	6.7	5.7	6.3	5.6	4.3	5.1	5.6	5.0	5.2	6.0	5.5	5.8
31	---	---	---	5.7	4.8	5.4	5.4	5.1	5.2	---	---	---
MONTH	8.0	5.6	7.0	7.2	4.3	5.9	6.9	4.7	5.9	6.4	4.4	5.7

ROANOKE RIVER BASIN

02081094 ROANOKE RIVER AT JAMESVILLE, NC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	78	75	77	---	---	---	85	82	84
2	---	---	---	79	76	77	---	---	---	85	84	84
3	---	---	---	80	76	78	---	---	---	85	84	85
4	73	69	72	83	77	80	---	---	---	87	85	85
5	77	72	74	85	80	82	78	76	77	88	87	87
6	77	73	76	82	79	80	78	75	77	89	86	88
7	78	75	76	80	77	79	78	76	77	90	88	89
8	77	74	75	80	76	78	79	76	78	90	89	89
9	77	72	74	80	76	78	80	77	79	92	90	91
10	78	74	76	79	77	78	81	79	80	93	91	92
11	79	75	76	82	77	80	81	78	80	95	92	94
12	78	75	77	82	78	80	---	---	---	94	92	93
13	78	73	76	82	80	81	79	77	78	93	92	93
14	81	76	78	83	80	81	---	---	---	93	91	91
15	80	75	78	83	80	81	80	76	79	93	91	92
16	79	76	77	81	79	80	---	---	---	93	89	91
17	79	77	78	82	80	80	---	---	---	90	88	89
18	78	76	77	82	81	81	---	---	---	90	88	90
19	78	74	77	83	81	82	81	76	76	90	88	89
20	79	76	77	83	81	82	78	75	76	90	88	89
21	78	74	77	---	---	---	78	76	77	90	87	88
22	83	78	79	---	---	---	79	77	78	89	87	88
23	83	78	80	---	---	---	80	78	79	89	87	88
24	80	76	78	---	---	---	81	79	80	88	87	87
25	79	77	78	---	---	---	80	79	80	87	84	85
26	79	73	77	---	---	---	81	79	80	85	84	84
27	81	73	78	---	---	---	82	81	81	86	84	85
28	78	75	76	---	---	---	82	81	82	85	84	85
29	77	75	76	---	---	---	83	82	82	85	82	83
30	76	72	75	---	---	---	84	82	83	84	82	83
31	78	74	75	---	---	---	84	83	83	84	82	83
MONTH	---	---	---	---	---	---	---	---	---	95	82	88
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	85	81	83	86	84	85	68	61	65	68	57	65
2	85	83	85	87	85	86	66	61	64	69	57	64
3	83	79	81	88	85	87	67	64	66	66	60	64
4	79	78	79	87	82	84	69	63	65	65	58	63
5	81	78	79	86	82	84	63	59	61	66	62	64
6	78	76	77	86	82	84	60	57	59	66	58	63
7	78	73	77	89	84	86	59	58	58	66	61	64
8	81	78	79	89	85	87	60	57	59	71	60	65
9	83	80	81	89	86	88	64	58	60	69	64	66
10	85	82	83	88	86	88	59	56	58	72	64	67
11	86	83	85	88	85	87	60	57	58	72	65	69
12	86	83	84	87	83	85	59	56	58	73	69	70
13	84	80	82	85	80	83	58	54	57	75	68	72
14	81	79	80	82	78	80	57	54	55	76	68	73
15	80	78	79	81	77	79	56	51	54	80	74	76
16	81	78	79	79	75	78	54	44	51	81	75	78
17	82	79	81	79	75	78	51	46	49	83	76	79
18	82	80	81	78	76	77	50	40	47	82	77	80
19	83	80	82	76	74	75	48	42	45	81	77	80
20	83	80	82	75	72	73	49	40	45	82	78	80
21	85	81	83	73	70	72	51	43	48	82	76	80
22	85	83	84	73	68	71	51	45	49	85	79	81
23	85	82	83	73	70	72	54	45	51	85	80	83
24	86	81	84	74	71	73	55	46	52	87	81	84
25	86	83	84	74	72	73	55	49	53	95	83	86
26	86	81	84	74	70	73	59	49	57	88	84	86
27	86	84	85	74	69	72	59	53	57	91	83	86
28	86	82	84	73	70	71	63	52	59	89	80	87
29	---	---	---	72	68	70	68	54	63	88	79	84
30	---	---	---	73	71	72	71	62	68	89	80	84
31	---	---	---	72	65	70	---	---	---	91	79	86
MONTH	86	73	82	89	65	79	71	40	56	95	57	75

ROANOKE RIVER BASIN

02081094 ROANOKE RIVER AT JAMESVILLE, NC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	94	83	88	86	72	82	78	66	75	66	60	63
2	91	80	86	90	73	85	89	71	79	67	61	63
3	96	73	87	93	80	87	88	74	80	66	58	63
4	91	82	87	93	77	88	81	67	76	67	59	64
5	95	83	87	92	80	84	82	67	75	72	64	68
6	94	84	89	87	74	81	79	63	73	69	54	65
7	91	87	89	83	69	76	80	69	74	72	64	67
8	94	81	88	82	67	76	84	66	76	76	66	71
9	99	85	90	82	69	76	83	63	77	77	71	74
10	95	83	89	86	70	78	85	73	79	79	61	74
11	94	83	90	86	73	79	86	77	81	76	69	73
12	96	86	91	82	70	77	86	73	82	78	70	74
13	93	79	86	80	68	75	88	79	84	78	71	75
14	93	81	87	78	67	73	89	81	86	79	74	76
15	98	84	91	76	67	72	86	75	83	78	73	76
16	98	82	92	76	59	70	84	77	81	78	69	74
17	100	80	91	82	65	75	83	74	79	76	70	74
18	93	78	87	88	71	80	84	66	78	74	66	72
19	92	80	85	93	79	86	83	70	78	73	68	71
20	97	82	87	92	79	87	83	70	79	75	70	72
21	98	75	86	91	70	82	86	69	79	76	58	72
22	92	75	87	86	74	80	85	75	80	74	61	70
23	92	78	86	84	70	79	88	68	78	71	62	66
24	101	82	89	83	69	75	87	73	81	72	66	69
25	103	87	94	76	68	73	86	64	80	73	66	69
26	102	90	96	75	65	70	84	65	76	73	64	69
27	96	79	90	70	63	68	76	61	70	73	62	70
28	89	76	84	70	63	67	75	64	70	78	64	72
29	84	73	79	72	60	68	72	64	68	74	69	71
30	88	73	82	74	56	68	72	64	67	73	67	71
31	---	---	---	76	64	72	68	64	66	---	---	---
MONTH	103	73	88	93	56	77	89	61	77	79	54	70