

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1968 to 1973, 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. Partial record site from October 1967 to September 1973. 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	5160, March 29, 2003	52, September 17, 1999
pH, standard units	8.1, July 1, 2, 2002	6.1, September 17, 1999, September 20, 21, 2003
WATER TEMPERATURE, °C	31.0, August 1, 2002	2.0, January 28, 2004
DISSOLVED OXYGEN, mg/L	15.5, January 6, 7, 1999	2.4, September 24, 2003
DISSOLVED OXYGEN, PERCENT SATURATION,%	123, January 6, 7, 1999	28, September 24, 2003

EXTREMES FOR CURRENT YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	14.5, September 27	95, March 23, April 4
pH, standard units	7.6, March 6, 8	6.6, November 15, 22-30
WATER TEMPERATURE, °C	30.8, July 28	3.9, January 30, 31
DISSOLVED OXYGEN, mg/L	12.2, February 1	5.0, August 15
DISSOLVED OXYGEN, PERCENT SATURATION,%	100, April 2	65, August 15, September 15, 16

02081022 ROANOKE RIVER NEAR OAK CITY, 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	105	101	103	113	108	109	109	104	106	107	104	106
2	105	101	102	116	106	110	108	103	105	106	104	105
3	105	102	103	113	106	109	104	103	104	108	104	105
4	105	102	103	114	106	109	107	103	104	110	103	106
5	109	103	105	114	106	108	105	103	104	107	105	106
6	110	103	105	112	105	108	106	104	105	109	105	106
7	111	103	105	113	105	109	106	105	105	108	105	106
8	111	103	105	120	104	110	107	105	106	109	105	106
9	111	103	105	118	104	109	107	106	107	110	105	106
10	111	104	106	114	104	109	109	104	107	111	105	106
11	112	104	106	116	106	109	105	103	105	112	105	107
12	112	104	106	116	106	110	104	102	103	111	105	106
13	112	105	107	115	106	109	105	102	103	112	106	109
14	111	106	107	115	105	109	106	103	104	119	106	111
15	110	105	107	111	101	105	105	103	104	116	101	106
16	109	105	106	113	100	105	105	104	105	105	97	100
17	110	105	106	110	103	105	106	105	105	103	97	100
18	109	106	107	109	102	105	106	105	105	106	100	103
19	110	106	107	106	102	104	106	105	105	108	102	104
20	111	106	108	108	103	105	106	104	105	107	102	104
21	110	99	104	109	104	106	105	103	104	104	97	102
22	106	98	101	116	104	108	104	102	103	101	99	101
23	107	102	103	110	104	106	103	101	102	101	100	100
24	109	103	105	110	104	106	104	101	102	---	---	---
25	109	104	106	108	104	106	102	100	101	---	---	---
26	106	105	105	109	104	106	102	101	101	---	---	---
27	112	105	106	110	104	106	102	100	101	---	---	---
28	111	105	107	109	103	105	104	101	102	---	---	---
29	111	105	107	109	104	106	104	102	103	---	---	---
30	111	106	107	108	103	105	105	103	104	---	---	---
31	110	106	107	---	---	---	106	103	104	---	---	---
MONTH	112	98	105	120	100	107	109	100	104	---	---	---
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	115	106	111	102	100	101	114	113	113
2	105	100	102	111	100	105	102	101	102	114	113	113
3	106	100	102	105	100	103	103	100	102	114	112	113
4	109	102	104	106	104	104	102	95	100	114	112	113
5	117	103	109	108	102	105	103	98	101	114	112	113
6	115	102	107	108	102	105	103	102	103	114	110	112
7	110	103	106	106	105	105	104	103	103	112	109	110
8	111	102	106	105	104	104	105	104	104	111	105	108
9	111	103	106	104	103	104	105	103	105	106	105	106
10	112	104	108	103	99	101	104	102	103	108	105	106
11	112	105	108	103	98	100	105	104	104	108	105	107
12	112	105	108	105	99	102	106	104	105	108	105	106
13	112	105	109	105	99	101	108	105	107	110	106	108
14	115	107	110	103	102	102	109	108	108	110	106	108
15	115	107	111	103	102	102	111	108	110	109	107	108
16	116	107	111	103	102	103	112	110	111	113	109	111
17	120	106	113	102	100	102	112	110	111	114	112	113
18	118	107	111	102	99	101	112	111	111	114	111	112
19	112	105	108	100	98	98	113	111	112	112	110	111
20	110	104	108	100	97	99	113	112	112	113	111	112
21	109	103	106	98	97	98	114	112	113	114	112	113
22	111	103	107	99	98	98	115	111	113	114	112	113
23	116	107	112	99	98	99	113	112	113	114	111	113
24	116	112	115	98	95	96	113	112	113	115	112	113
25	115	106	111	100	96	98	114	112	113	117	114	115
26	109	102	105	101	99	100	113	112	113	117	116	116
27	110	104	107	101	100	101	113	107	110	117	115	116
28	116	104	110	102	100	101	113	111	112	119	116	117
29	---	---	---	102	99	101	113	112	113	119	117	118
30	---	---	---	102	100	101	114	112	113	118	116	117
31	---	---	---	101	97	100	---	---	---	118	115	116
MONTH	---	---	---	115	95	102	115	95	108	119	105	112

ROANOKE RIVER BASIN

02081022 ROANOKE RIVER NEAR OAK CITY, NC—Continued

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

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	118	116	117	124	122	123	123	122	122	138	130	134
2	117	114	116	124	122	123	125	122	123	135	133	134
3	117	115	116	125	123	124	125	123	124	136	133	135
4	117	113	115	127	124	126	125	123	124	138	132	136
5	116	114	115	128	126	126	---	---	---	138	133	135
6	115	113	114	129	121	125	---	---	---	135	133	134
7	115	113	114	123	108	117	120	117	119	133	130	131
8	114	111	113	117	103	110	118	116	117	133	129	131
9	113	112	112	122	108	114	118	116	118	133	130	131
10	113	111	112	122	103	110	119	117	118	133	130	131
11	112	110	111	109	97	104	119	118	119	134	130	132
12	112	110	111	127	102	115	120	118	119	142	134	137
13	112	111	112	126	108	113	119	113	116	143	139	141
14	112	110	111	124	106	113	118	112	115	143	138	141
15	110	106	107	121	106	110	118	113	115	142	137	139
16	107	103	105	118	101	106	119	112	115	141	140	140
17	104	101	102	113	106	109	120	111	114	142	139	140
18	105	99	101	121	107	111	114	111	113	142	136	139
19	109	99	105	118	106	109	116	114	115	138	124	134
20	108	103	104	118	106	109	125	114	119	135	120	124
21	113	108	111	117	106	109	133	119	126	138	134	137
22	112	102	107	116	105	108	128	125	126	141	124	132
23	110	102	106	114	106	109	129	125	128	137	122	126
24	111	103	107	119	107	114	129	121	127	143	131	140
25	111	105	107	121	112	115	128	122	125	142	122	131
26	113	106	110	122	121	121	135	126	132	139	120	124
27	114	107	109	123	121	122	135	131	133	145	123	135
28	120	114	119	125	119	123	134	131	133	135	117	123
29	122	120	121	123	113	117	135	130	133	125	117	119
30	123	121	122	120	112	116	133	130	132	143	125	134
31	---	---	---	122	119	121	138	131	135	---	---	---
MONTH	123	99	111	129	97	115	---	---	---	145	117	133

02081022 ROANOKE RIVER NEAR OAK CITY, 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	7.1	7.0	7.0	7.1	7.0	7.1	6.8	6.7	6.8	7.2	7.0	7.1
2	7.1	7.0	7.0	7.1	7.0	7.1	6.9	6.8	6.8	7.2	7.0	7.1
3	7.0	7.0	7.0	7.1	7.0	7.1	6.9	6.8	6.8	7.1	6.9	7.0
4	7.1	7.0	7.0	7.1	7.0	7.1	6.9	6.8	6.8	7.2	7.1	7.2
5	7.1	7.0	7.1	7.0	7.0	7.0	6.8	6.7	6.8	7.2	7.0	7.1
6	7.1	7.1	7.1	7.0	6.9	7.0	6.8	6.8	6.8	7.2	7.1	7.1
7	7.1	7.1	7.1	7.0	6.9	6.9	6.9	6.8	6.8	7.2	7.1	7.2
8	7.1	7.1	7.1	7.0	6.9	7.0	6.8	6.8	6.8	7.1	7.0	7.1
9	7.1	7.1	7.1	7.1	6.9	7.0	6.9	6.8	6.8	7.1	7.0	7.0
10	7.1	7.1	7.1	7.0	6.9	6.9	6.9	6.8	6.9	7.1	7.0	7.1
11	7.1	7.1	7.1	7.0	6.9	6.9	6.9	6.8	6.8	7.2	7.0	7.1
12	7.1	7.1	7.1	7.0	6.9	6.9	6.8	6.8	6.8	7.1	7.0	7.1
13	7.1	7.1	7.1	7.0	6.9	6.9	6.9	6.8	6.8	7.1	7.0	7.0
14	7.2	7.1	7.1	6.9	6.7	6.8	6.9	6.8	6.9	7.1	7.0	7.0
15	7.1	7.0	7.1	6.7	6.6	6.7	7.0	6.9	6.9	7.1	7.0	7.1
16	7.1	7.1	7.1	6.9	6.7	6.8	7.0	6.9	6.9	7.0	6.9	7.0
17	7.2	7.1	7.1	6.9	6.8	6.8	7.0	6.9	6.9	7.0	6.9	7.0
18	7.2	7.1	7.1	6.9	6.7	6.8	7.0	6.9	7.0	7.1	7.0	7.1
19	7.2	7.1	7.1	6.8	6.7	6.8	7.0	6.9	6.9	7.2	7.0	7.1
20	7.2	7.1	7.1	6.8	6.7	6.8	7.0	6.9	6.9	7.2	7.1	7.2
21	7.2	7.0	7.1	6.7	6.7	6.7	7.0	6.9	7.0	7.3	7.2	7.2
22	7.0	7.0	7.0	6.8	6.6	6.7	7.0	7.0	7.0	7.3	7.2	7.2
23	7.1	7.0	7.0	6.8	6.6	6.7	7.0	6.9	7.0	7.3	7.2	7.3
24	7.1	7.0	7.1	6.7	6.6	6.6	7.2	7.0	7.0	7.3	7.0	7.2
25	7.1	7.1	7.1	6.7	6.6	6.6	7.2	7.0	7.1	7.1	6.9	7.1
26	7.1	7.1	7.1	6.7	6.6	6.6	7.2	7.1	7.1	7.0	7.0	7.0
27	7.1	7.0	7.1	6.7	6.6	6.7	7.2	7.1	7.1	7.0	6.9	7.0
28	7.1	7.1	7.1	6.7	6.6	6.6	7.2	7.1	7.2	7.2	6.9	7.1
29	7.2	7.1	7.1	6.6	6.6	6.6	7.2	7.2	7.2	7.2	7.1	7.2
30	7.1	7.1	7.1	6.7	6.6	6.6	7.2	7.1	7.2	7.1	7.0	7.0
31	7.1	7.0	7.1	---	---	---	7.1	7.0	7.0	7.1	7.0	7.1
MONTH	7.2	7.0	7.1	7.1	6.6	6.8	7.2	6.7	6.9	7.3	6.9	7.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.3	7.1	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.2	7.2	7.2
2	7.4	7.3	7.3	7.3	7.2	7.3	7.4	7.3	7.3	7.3	7.2	7.2
3	7.4	7.3	7.3	7.4	7.3	7.4	7.3	7.3	7.3	7.3	7.2	7.2
4	7.3	7.2	7.2	7.5	7.4	7.4	7.3	7.2	7.2	7.3	7.2	7.2
5	7.3	7.2	7.3	7.5	7.4	7.5	7.4	7.2	7.2	7.3	7.2	7.2
6	7.4	7.3	7.4	7.6	7.4	7.5	7.4	7.4	7.4	7.3	7.2	7.2
7	7.4	7.4	7.4	7.5	7.5	7.5	7.4	7.3	7.4	7.3	7.1	7.2
8	7.4	7.1	7.4	7.6	7.5	7.5	7.4	7.3	7.3	7.1	7.1	7.1
9	7.4	7.3	7.4	7.5	7.4	7.5	7.4	7.3	7.3	7.2	7.1	7.1
10	7.4	7.4	7.4	7.4	7.3	7.3	7.3	7.1	7.1	7.3	7.1	7.2
11	7.4	7.4	7.4	7.4	7.3	7.4	7.2	7.1	7.1	7.3	7.1	7.2
12	7.5	7.4	7.4	7.5	7.4	7.4	7.1	7.0	7.0	7.3	7.1	7.2
13	7.5	7.4	7.4	7.4	7.4	7.4	7.0	7.0	7.0	7.3	7.1	7.2
14	7.5	7.4	7.4	7.5	7.4	7.4	7.0	7.0	7.0	7.2	7.1	7.1
15	7.4	7.3	7.4	7.5	7.4	7.5	7.1	7.0	7.1	7.2	7.1	7.1
16	7.3	7.3	7.3	7.5	7.5	7.5	7.2	7.1	7.2	7.2	7.1	7.1
17	7.4	7.3	7.3	7.5	7.4	7.5	7.2	7.2	7.2	7.2	7.0	7.1
18	7.5	7.4	7.5	7.4	7.3	7.4	7.3	7.2	7.2	7.2	7.0	7.1
19	7.5	7.4	7.4	7.4	7.3	7.3	7.3	7.2	7.2	7.2	7.1	7.1
20	7.5	7.4	7.5	7.5	7.4	7.5	7.3	7.2	7.2	7.2	7.1	7.1
21	7.5	7.4	7.5	7.5	7.4	7.5	7.3	7.2	7.2	7.2	7.1	7.1
22	7.4	7.3	7.4	7.5	7.4	7.4	7.3	7.2	7.2	7.2	7.1	7.1
23	7.3	7.3	7.3	7.4	7.3	7.3	7.3	7.2	7.2	7.3	7.2	7.2
24	7.3	7.3	7.3	7.3	7.1	7.2	7.3	7.2	7.2	7.3	7.1	7.2
25	7.5	7.3	7.4	7.1	7.0	7.1	7.2	7.2	7.2	7.3	7.2	7.2
26	7.4	7.4	7.4	7.1	7.1	7.1	7.3	7.2	7.2	7.3	7.2	7.2
27	7.4	7.3	7.3	7.1	7.1	7.1	7.3	7.2	7.3	7.3	7.2	7.2
28	7.3	7.2	7.3	7.2	7.1	7.2	7.3	7.2	7.2	7.3	7.2	7.2
29	---	---	---	7.2	7.1	7.2	7.3	7.2	7.2	7.3	7.2	7.2
30	---	---	---	7.3	7.1	7.2	7.3	7.2	7.2	7.2	7.2	7.2
31	---	---	---	7.3	7.3	7.3	---	---	---	7.3	7.2	7.2
MONTH	7.5	7.1	7.4	7.6	7.0	7.4	7.4	7.0	7.2	7.3	7.0	7.2

ROANOKE RIVER BASIN

02081022 ROANOKE RIVER NEAR OAK CITY, 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	7.2	7.1	7.2	7.0	7.0	7.0	7.2	7.2	7.2	7.3	7.2	7.2
2	7.2	7.1	7.1	7.1	7.0	7.0	7.3	7.2	7.2	7.2	7.2	7.2
3	7.1	7.1	7.1	7.1	7.1	7.1	7.3	7.2	7.2	7.3	7.2	7.2
4	7.1	7.0	7.1	7.1	7.1	7.1	7.3	7.3	7.3	7.3	7.2	7.3
5	7.1	7.0	7.1	7.1	7.1	7.1	---	---	---	7.3	7.3	7.3
6	7.1	7.0	7.1	7.1	7.0	7.1	---	---	---	7.3	7.2	7.3
7	7.1	7.0	7.1	7.0	6.9	7.0	7.3	7.3	7.3	7.3	7.3	7.3
8	7.2	7.0	7.1	7.0	6.9	6.9	7.3	7.3	7.3	7.3	7.2	7.3
9	7.1	7.0	7.0	7.0	6.9	7.0	7.3	7.3	7.3	7.3	7.2	7.3
10	7.1	7.0	7.0	7.0	7.0	7.0	7.3	7.3	7.3	7.3	7.2	7.3
11	7.1	7.0	7.0	7.0	7.0	7.0	7.3	7.3	7.3	7.3	7.3	7.3
12	7.1	7.0	7.0	7.1	7.0	7.0	7.3	7.2	7.3	7.3	7.2	7.3
13	7.1	7.0	7.0	7.1	7.1	7.1	7.2	7.2	7.2	7.3	7.2	7.3
14	7.1	6.9	7.0	7.1	7.1	7.1	7.2	7.2	7.2	7.3	7.2	7.3
15	7.0	6.9	7.0	7.2	7.1	7.1	7.2	7.2	7.2	7.3	7.2	7.3
16	7.0	6.9	6.9	7.1	7.1	7.1	7.2	7.0	7.1	7.3	7.2	7.3
17	7.0	6.9	6.9	7.1	7.1	7.1	7.1	7.1	7.1	7.3	7.2	7.3
18	7.0	6.9	7.0	7.1	7.1	7.1	7.2	7.1	7.1	7.3	7.2	7.2
19	7.0	6.9	7.0	7.2	7.1	7.1	7.2	7.1	7.1	7.3	7.2	7.2
20	6.9	6.9	6.9	7.2	7.1	7.1	7.2	7.1	7.2	7.2	7.2	7.2
21	7.0	6.9	7.0	7.2	7.1	7.1	7.2	7.1	7.1	7.3	7.2	7.3
22	7.0	7.0	7.0	7.2	7.1	7.1	7.2	7.2	7.2	7.3	7.2	7.2
23	7.1	7.0	7.0	7.2	7.1	7.1	7.2	7.1	7.2	7.3	7.2	7.2
24	7.0	7.0	7.0	7.2	7.1	7.1	7.2	7.2	7.2	7.3	7.2	7.2
25	7.1	7.0	7.0	7.2	7.1	7.1	7.2	7.2	7.2	7.3	7.2	7.2
26	7.1	7.0	7.0	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.2	7.2
27	7.0	7.0	7.0	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.2	7.3
28	7.0	7.0	7.0	7.3	7.2	7.2	7.3	7.2	7.2	7.3	7.2	7.3
29	7.0	7.0	7.0	7.2	7.2	7.2	7.3	7.2	7.2	7.3	7.3	7.3
30	7.0	7.0	7.0	7.2	7.1	7.2	7.2	7.2	7.2	7.4	7.3	7.3
31	---	---	---	7.2	7.2	7.2	7.2	7.2	7.2	---	---	---
MONTH	7.2	6.9	7.0	7.3	6.9	7.1	---	---	---	7.4	7.2	7.3

02081022 ROANOKE RIVER NEAR OAK CITY, 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	24.0	23.5	23.6	19.1	18.5	18.8	12.7	12.2	12.5	7.6	6.8	7.2
2	23.8	23.5	23.6	19.2	18.8	19.0	12.7	12.4	12.6	7.8	7.3	7.5
3	23.8	23.5	23.6	19.4	18.8	19.0	12.7	12.2	12.4	8.1	7.8	7.9
4	23.7	23.4	23.6	19.0	18.7	18.8	12.4	11.9	12.1	8.6	8.0	8.2
5	23.5	22.9	23.2	18.8	17.8	18.4	11.9	11.5	11.6	8.9	8.6	8.7
6	23.0	22.4	22.8	17.8	17.3	17.6	11.8	11.5	11.6	9.2	8.8	9.0
7	22.7	21.9	22.4	17.3	16.7	17.0	12.4	11.7	12.1	9.5	9.1	9.3
8	22.4	21.7	22.1	16.8	16.3	16.6	12.9	12.4	12.7	9.9	9.5	9.7
9	22.3	21.7	22.0	16.4	15.8	16.1	12.9	12.7	12.8	9.8	9.5	9.7
10	22.3	21.8	22.1	15.8	15.0	15.4	13.1	12.8	12.9	9.7	9.4	9.5
11	22.2	21.8	22.0	15.3	14.5	14.9	13.1	12.8	13.0	9.4	9.1	9.3
12	22.0	21.2	21.6	15.6	14.6	15.2	12.8	12.2	12.5	9.4	9.1	9.3
13	21.6	21.0	21.4	15.5	14.9	15.2	12.3	11.8	12.0	10.3	9.3	9.8
14	21.6	20.8	21.2	14.9	13.8	14.4	11.9	11.2	11.4	11.2	10.3	10.7
15	21.0	20.3	20.7	13.8	12.9	13.2	11.2	10.3	10.6	11.1	10.0	10.4
16	20.5	20.1	20.3	13.3	12.5	13.0	10.3	9.6	9.8	10.3	8.9	9.6
17	20.2	19.6	19.9	13.6	12.9	13.3	9.6	9.3	9.4	8.9	8.2	8.5
18	19.9	19.2	19.6	13.7	13.2	13.5	9.6	9.3	9.5	8.2	7.2	7.8
19	19.7	19.4	19.5	13.9	13.4	13.8	9.6	9.3	9.4	7.2	5.8	6.6
20	20.0	19.7	19.8	14.3	13.8	14.1	9.4	8.9	9.2	6.4	5.8	6.2
21	19.9	19.4	19.6	14.9	14.2	14.6	8.9	8.3	8.6	6.4	5.9	6.1
22	19.4	19.0	19.2	15.2	14.6	14.8	8.3	7.9	8.1	6.5	5.8	6.1
23	19.1	18.6	18.9	15.0	14.7	14.8	8.4	8.0	8.2	6.5	6.0	6.3
24	18.6	17.9	18.3	15.1	14.7	15.0	8.6	8.4	8.5	6.0	5.4	5.6
25	18.2	17.8	18.0	15.4	14.9	15.2	8.6	8.2	8.3	5.4	5.0	5.1
26	18.0	17.7	17.8	14.9	14.1	14.5	8.2	7.0	7.5	5.2	4.7	4.9
27	17.7	17.5	17.6	14.1	12.9	13.5	7.0	6.4	6.6	5.2	4.9	5.1
28	18.0	17.6	17.8	13.3	12.9	13.2	6.4	6.1	6.2	5.1	4.6	4.8
29	18.1	17.8	17.9	13.3	12.8	13.1	6.3	5.9	6.1	4.6	4.2	4.3
30	18.1	17.9	18.0	13.0	12.3	12.7	6.6	6.2	6.4	4.4	3.9	4.1
31	18.6	18.1	18.4	---	---	---	6.8	6.4	6.6	4.1	3.9	4.0
MONTH	24.0	17.5	20.5	19.4	12.3	15.3	13.1	5.9	10.0	11.2	3.9	7.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	4.2	4.0	4.1	7.2	6.6	6.9	11.6	11.0	11.2	16.3	15.8	16.0
2	4.4	4.0	4.3	6.6	6.1	6.4	11.6	11.3	11.5	16.7	15.8	16.3
3	4.5	4.3	4.4	6.4	5.9	6.2	11.6	10.9	11.2	17.3	16.3	16.8
4	4.7	4.1	4.3	6.1	5.8	5.9	11.8	11.3	11.6	17.4	16.6	17.0
5	4.9	4.4	4.7	6.4	5.8	6.1	12.2	11.3	11.7	17.3	16.6	16.9
6	5.5	4.7	5.1	6.6	5.8	6.3	12.9	11.8	12.3	16.6	15.1	16.0
7	5.7	5.0	5.3	7.0	6.3	6.6	13.5	12.4	12.8	15.4	14.8	15.1
8	6.1	5.2	5.6	7.8	7.0	7.4	13.5	13.0	13.2	16.2	15.2	15.6
9	6.7	5.7	6.2	7.5	7.2	7.4	13.8	13.1	13.4	17.3	16.1	16.8
10	7.3	6.2	6.7	7.4	7.2	7.3	14.1	13.5	13.8	17.8	16.9	17.4
11	6.9	6.4	6.6	7.8	7.2	7.6	14.4	13.6	14.0	18.4	17.3	17.8
12	6.4	5.8	6.1	7.9	7.4	7.7	14.5	13.8	14.2	19.0	17.8	18.4
13	6.6	5.7	6.1	8.2	7.6	7.9	13.8	12.5	13.4	19.3	18.5	18.9
14	6.8	6.0	6.4	8.3	7.9	8.1	12.9	12.4	12.7	19.7	18.3	18.9
15	7.2	6.3	6.7	8.2	7.7	7.9	13.5	12.8	13.1	19.6	18.2	18.9
16	7.8	6.7	7.1	8.2	7.8	7.9	13.7	12.8	13.2	20.8	19.4	20.1
17	8.2	7.5	7.8	8.1	7.4	7.8	13.4	12.6	13.0	21.3	20.4	20.8
18	8.0	7.1	7.4	7.5	7.2	7.4	14.0	12.9	13.4	21.4	20.1	20.8
19	7.1	6.7	6.8	7.9	7.4	7.6	14.9	13.5	14.2	20.5	19.8	20.0
20	7.1	6.5	6.8	8.3	7.4	7.9	15.9	14.5	15.3	20.6	19.6	20.0
21	7.2	6.5	6.9	8.8	7.7	8.2	16.9	15.7	16.3	19.9	19.0	19.5
22	7.4	6.9	7.2	9.2	8.7	8.9	17.3	16.6	16.9	20.6	19.3	20.0
23	8.0	7.3	7.7	9.6	9.0	9.2	17.8	16.2	17.3	21.5	20.5	20.9
24	8.2	7.7	8.0	10.1	9.6	9.8	16.3	15.6	16.0	21.4	20.3	20.8
25	7.7	6.5	7.2	10.4	10.1	10.2	16.2	15.4	15.8	20.7	20.1	20.4
26	6.8	6.3	6.6	10.3	9.6	10.1	16.0	15.0	15.5	20.4	19.5	20.0
27	7.1	6.6	6.9	9.7	9.5	9.6	15.6	14.8	15.2	21.1	19.7	20.4
28	7.2	6.8	7.0	10.3	9.7	10.1	15.5	14.7	15.1	22.0	20.8	21.3
29	---	---	---	11.1	10.3	10.7	15.8	15.3	15.6	22.0	21.0	21.5
30	---	---	---	11.5	11.1	11.3	16.1	15.4	15.8	21.6	21.2	21.4
31	---	---	---	11.4	10.7	11.1	---	---	---	22.2	21.2	21.7
MONTH	8.2	4.0	6.3	11.5	5.8	8.2	17.8	10.9	14.0	22.2	14.8	18.9

ROANOKE RIVER BASIN

02081022 ROANOKE RIVER NEAR OAK CITY, 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	21.8	21.3	21.6	27.1	26.1	26.6	27.7	27.0	27.4	28.4	27.9	28.2
2	21.4	20.2	21.1	27.6	26.9	27.2	28.2	27.2	27.7	28.5	27.8	28.2
3	20.5	20.0	20.2	28.1	27.0	27.5	29.1	27.8	28.4	28.3	27.6	28.0
4	21.0	20.0	20.5	28.1	27.1	27.6	29.7	28.8	29.2	28.0	27.2	27.7
5	22.0	20.9	21.4	27.7	27.2	27.4	---	---	---	27.2	26.5	26.8
6	22.8	21.8	22.3	28.0	27.2	27.6	---	---	---	26.7	25.8	26.1
7	23.4	22.1	22.6	28.2	27.3	27.8	29.4	28.7	29.2	26.0	25.4	25.7
8	23.5	22.1	22.7	28.6	27.1	27.8	28.9	28.1	28.4	26.1	25.3	25.7
9	23.9	22.6	23.2	28.4	27.4	28.0	28.1	27.3	27.8	26.2	25.6	26.0
10	24.8	23.5	24.2	28.2	27.4	27.8	27.9	27.3	27.5	26.2	25.4	25.8
11	24.4	23.4	23.8	29.4	28.0	28.7	28.5	27.4	27.9	25.5	24.8	25.2
12	24.6	23.4	23.9	29.1	27.2	28.5	29.4	28.4	28.9	25.5	24.8	25.1
13	24.8	23.5	24.2	28.1	27.2	27.6	28.8	28.1	28.4	25.6	24.8	25.2
14	25.1	23.8	24.4	28.1	27.1	27.6	29.3	28.7	28.9	25.8	25.2	25.5
15	27.3	24.5	25.9	27.7	26.8	27.3	28.9	28.3	28.6	26.2	25.4	25.8
16	27.4	26.0	26.8	28.3	27.3	27.8	29.2	28.1	28.6	26.6	25.7	26.1
17	27.5	25.2	26.3	28.3	27.4	27.9	29.0	28.3	28.5	27.2	26.1	26.6
18	26.4	25.1	25.7	28.3	27.2	27.5	28.7	28.0	28.3	27.5	26.6	27.1
19	26.4	25.6	26.1	28.5	27.4	27.9	28.5	27.6	27.9	27.8	26.8	27.3
20	25.6	24.7	24.9	28.8	28.0	28.4	29.1	27.6	28.3	27.5	26.6	27.1
21	24.8	24.3	24.6	29.1	28.2	28.6	29.6	28.2	28.9	27.1	26.7	26.8
22	24.8	24.1	24.4	29.0	28.3	28.7	30.0	29.0	29.5	26.7	25.6	26.1
23	25.7	24.4	25.2	28.7	28.2	28.5	29.7	28.6	28.9	26.7	25.8	26.3
24	25.9	25.3	25.7	29.2	28.2	28.7	29.2	28.4	28.8	26.9	26.4	26.7
25	25.9	24.8	25.2	29.2	28.1	28.6	28.6	27.5	27.9	26.7	26.0	26.4
26	25.2	24.7	25.0	29.8	29.0	29.4	27.8	27.2	27.6	26.4	25.7	26.1
27	26.1	24.8	25.4	30.6	29.6	30.1	27.7	27.1	27.4	26.4	25.6	26.0
28	27.1	25.9	26.4	30.8	29.3	30.3	28.0	27.0	27.5	25.8	25.4	25.6
29	26.2	25.6	26.0	29.3	28.5	28.7	28.2	27.4	27.8	25.8	24.9	25.4
30	26.7	25.5	26.2	28.5	28.0	28.3	28.5	27.7	28.1	25.3	24.2	24.8
31	---	---	---	28.1	27.4	27.7	28.8	28.3	28.5	---	---	---
MONTH	27.5	20.0	24.2	30.8	26.1	28.1	---	---	---	28.5	24.2	26.3

02081022 ROANOKE RIVER NEAR OAK CITY, 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	7.2	6.3	6.7	7.4	6.6	7.0	9.4	8.9	9.2	---	---	---
2	7.0	6.5	6.6	7.6	6.7	7.2	9.4	8.7	9.0	---	---	---
3	6.7	6.4	6.6	7.5	7.1	7.3	9.1	8.8	9.0	---	---	---
4	7.0	6.5	6.7	7.6	7.1	7.4	9.3	8.8	9.0	---	---	---
5	7.0	6.3	6.6	7.8	7.3	7.5	9.2	8.8	9.0	---	---	---
6	7.0	6.5	6.6	7.6	7.3	7.4	9.4	8.9	9.2	---	---	---
7	7.0	6.5	6.7	7.8	7.3	7.7	9.4	9.0	9.2	---	---	---
8	7.0	6.7	6.8	8.3	7.5	7.8	9.3	8.9	9.0	---	---	---
9	7.2	6.6	6.8	8.6	7.7	8.1	9.2	8.8	8.9	---	---	---
10	7.2	6.6	6.8	8.6	8.0	8.4	9.4	8.8	9.0	---	---	---
11	7.0	6.6	6.7	8.7	8.3	8.5	9.0	8.6	8.8	---	---	---
12	7.1	6.7	6.8	8.7	8.3	8.5	8.8	8.5	8.7	---	---	---
13	7.0	6.6	6.8	8.7	8.2	8.5	9.2	8.5	8.7	---	---	---
14	7.1	6.7	6.9	8.6	8.3	8.5	9.2	8.8	9.0	---	---	---
15	6.9	6.6	6.7	9.1	8.3	8.6	9.6	9.0	9.3	---	---	---
16	7.0	6.7	6.8	9.5	8.4	8.9	9.8	9.3	9.5	---	---	---
17	7.2	6.7	6.9	9.1	8.7	8.9	9.8	9.5	9.6	---	---	---
18	7.3	6.9	7.1	9.1	8.7	8.9	9.9	9.4	9.6	---	---	---
19	7.4	7.1	7.2	9.1	8.7	8.9	9.9	9.4	9.6	---	---	---
20	7.3	6.9	7.1	9.0	8.5	8.8	9.8	9.4	9.6	---	---	---
21	7.3	6.6	6.9	8.8	8.5	8.7	10.1	9.5	9.8	---	---	---
22	7.0	6.7	6.9	8.9	8.4	8.6	---	---	---	---	---	---
23	7.1	6.8	7.0	8.8	8.4	8.6	---	---	---	---	---	---
24	7.2	6.9	7.1	8.9	8.3	8.6	---	---	---	---	---	---
25	7.3	7.0	7.2	8.5	8.2	8.4	---	---	---	11.6	11.0	11.4
26	7.4	7.0	7.2	8.6	8.3	8.4	---	---	---	11.6	11.2	11.4
27	7.5	7.0	7.2	9.0	8.6	8.7	---	---	---	11.6	11.2	11.3
28	7.6	7.1	7.3	9.4	8.8	9.1	---	---	---	11.7	11.2	11.4
29	7.6	7.0	7.3	9.3	8.9	9.1	---	---	---	---	---	---
30	7.4	6.9	7.1	9.4	9.0	9.2	---	---	---	---	---	---
31	7.3	6.8	7.0	---	---	---	---	---	---	12.1	11.5	11.8
MONTH	7.6	6.3	6.9	9.5	6.6	8.3	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.2	11.6	11.8	---	---	---	10.8	10.2	10.6	8.4	7.8	8.1
2	12.1	11.7	11.9	---	---	---	10.8	10.3	10.6	8.5	7.8	8.1
3	11.9	11.6	11.8	11.7	11.2	11.5	10.6	10.2	10.4	8.7	7.9	8.2
4	11.8	11.6	11.7	11.8	11.5	11.7	10.4	9.9	10.3	8.6	7.9	8.2
5	11.9	11.6	11.8	11.8	11.6	11.7	10.4	9.9	10.2	8.8	7.9	8.3
6	12.0	11.7	11.8	11.9	11.6	11.7	10.2	9.8	10.1	8.9	8.0	8.4
7	12.1	11.8	11.9	11.8	11.6	11.7	10.1	9.7	9.9	8.8	8.0	8.4
8	11.9	11.6	11.8	11.9	11.3	11.5	10.0	9.7	9.8	8.3	7.8	8.1
9	11.8	11.4	11.6	11.5	11.2	11.4	10.0	9.6	9.7	8.8	8.0	8.3
10	11.6	11.2	11.4	11.4	11.1	11.2	9.7	9.0	9.2	8.9	7.9	8.3
11	11.4	11.1	11.3	11.6	11.2	11.4	9.3	8.8	9.1	8.5	7.8	8.1
12	11.6	11.2	11.4	11.5	11.2	11.3	8.9	7.9	8.4	8.4	7.7	8.0
13	11.7	11.5	11.6	11.5	11.2	11.4	8.4	7.9	8.2	---	---	---
14	11.7	11.4	11.6	---	---	---	8.4	8.1	8.3	---	---	---
15	11.6	11.3	11.4	---	---	---	9.0	8.2	8.6	---	---	---
16	11.4	11.2	11.3	11.2	11.0	11.1	9.4	8.8	9.0	---	---	---
17	11.3	10.9	11.1	11.2	10.9	11.0	9.4	8.8	9.1	---	---	---
18	11.5	10.9	11.3	11.2	10.9	11.1	9.5	8.9	9.2	7.7	6.8	7.3
19	11.5	11.2	11.4	11.3	11.2	11.2	9.5	8.8	9.1	7.8	7.1	7.4
20	11.6	11.3	11.4	11.4	11.2	11.3	9.3	8.7	9.0	7.7	7.1	7.4
21	11.6	11.3	11.4	11.4	11.1	11.2	9.2	8.3	8.8	7.5	7.1	7.3
22	11.4	11.2	11.3	11.3	11.0	11.2	8.9	8.1	8.5	7.7	7.0	7.4
23	11.3	10.9	11.1	11.2	10.9	11.1	8.7	8.1	8.3	7.9	7.3	7.6
24	11.1	10.7	10.9	11.0	10.4	10.6	8.6	8.0	8.3	8.0	7.2	7.5
25	11.4	10.9	11.2	10.4	10.2	10.3	8.4	8.0	8.2	7.8	7.1	7.5
26	11.5	11.2	11.4	10.4	10.2	10.3	8.8	8.1	8.5	7.7	7.0	7.3
27	11.4	11.2	11.3	10.6	10.4	10.4	9.1	8.3	8.7	7.8	7.2	7.5
28	11.4	11.0	11.2	10.7	10.3	10.4	8.9	8.4	8.7	7.8	7.2	7.4
29	---	---	---	10.4	10.0	10.3	8.9	8.3	8.6	7.5	6.9	7.2
30	---	---	---	10.7	10.0	10.2	8.9	8.1	8.5	7.3	6.8	7.1
31	---	---	---	10.8	10.4	10.6	---	---	---	7.2	6.7	7.0
MONTH	12.2	10.7	11.5	---	---	---	10.8	7.9	9.1	---	---	---

ROANOKE RIVER BASIN

02081022 ROANOKE RIVER NEAR OAK CITY, 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	7.0	6.5	6.8	6.3	6.0	6.1	5.8	5.6	5.7	5.7	5.5	5.6
2	6.8	6.4	6.6	6.4	5.9	6.1	5.9	5.7	5.8	5.8	5.5	5.7
3	6.6	6.2	6.4	6.5	6.1	6.3	5.9	5.6	5.7	6.3	5.7	6.0
4	6.4	6.1	6.2	6.6	6.3	6.4	5.9	5.7	5.8	6.1	5.8	5.9
5	6.6	6.1	6.3	6.7	6.3	6.5	---	---	---	6.4	5.8	5.9
6	6.6	6.1	6.3	6.7	6.3	6.5	---	---	---	6.1	5.7	5.9
7	7.1	5.9	6.6	6.4	5.8	6.1	6.0	5.6	5.8	6.7	6.0	6.1
8	7.1	6.6	6.8	6.2	5.7	5.9	6.2	5.8	6.0	6.6	5.9	6.0
9	6.9	6.3	6.6	6.2	5.9	6.0	6.2	5.7	6.1	6.1	5.8	6.0
10	6.9	6.2	6.5	6.2	6.0	6.1	6.3	6.0	6.2	6.2	5.8	5.9
11	6.8	6.3	6.5	6.3	6.0	6.1	6.3	6.0	6.1	6.1	5.9	6.0
12	6.7	6.2	6.4	6.2	5.8	6.0	6.4	5.6	6.0	6.1	5.7	5.9
13	6.7	6.1	6.4	6.1	5.6	5.8	5.8	5.1	5.5	6.0	5.5	5.8
14	6.7	6.0	6.3	5.9	5.6	5.7	5.7	5.2	5.4	5.9	5.4	5.6
15	6.6	5.8	6.2	5.7	5.4	5.5	5.9	5.0	5.5	6.0	5.3	5.5
16	6.4	5.8	6.1	5.6	5.4	5.5	5.9	5.4	5.7	---	---	---
17	6.4	5.5	5.9	5.6	5.4	5.5	6.0	5.5	5.8	---	---	---
18	6.2	5.7	6.0	5.6	5.4	5.5	6.0	5.6	5.8	---	---	---
19	6.2	5.5	5.8	5.8	5.4	5.6	6.3	5.7	5.9	---	---	---
20	6.1	5.7	5.9	5.7	5.2	5.6	6.3	5.5	5.9	---	---	---
21	6.5	5.8	6.2	5.6	5.3	5.5	6.0	5.4	5.7	---	---	---
22	6.4	5.9	6.1	5.6	5.3	5.5	6.1	5.7	5.9	---	---	---
23	6.5	5.8	6.2	5.6	5.3	5.4	6.3	5.6	5.8	---	---	---
24	6.4	5.9	6.2	5.6	5.2	5.4	6.2	5.6	5.9	---	---	---
25	6.5	5.9	6.2	5.7	5.2	5.5	6.3	5.8	5.9	---	---	---
26	6.6	6.0	6.3	5.8	5.5	5.6	6.3	5.8	6.0	---	---	---
27	6.3	6.0	6.1	5.8	5.6	5.7	6.2	5.8	5.9	---	---	---
28	6.3	5.9	6.1	5.8	5.2	5.5	6.3	5.8	6.0	6.3	6.1	6.2
29	6.4	6.0	6.2	5.5	5.2	5.3	6.1	5.7	5.8	6.5	6.3	6.4
30	6.4	6.1	6.2	5.6	5.2	5.4	6.0	5.6	5.7	6.7	6.3	6.5
31	---	---	---	5.7	5.4	5.6	5.8	5.4	5.6	---	---	---
MONTH	7.1	5.5	6.3	6.7	5.2	5.8	---	---	---	---	---	---

02081022 ROANOKE RIVER NEAR OAK CITY, 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	86	75	80	80	71	76	89	84	87	---	---	---
2	83	77	78	82	72	78	89	82	85	---	---	---
3	80	76	78	82	76	80	86	82	84	---	---	---
4	83	77	79	82	76	80	87	82	84	---	---	---
5	83	74	77	83	78	80	85	82	83	---	---	---
6	81	75	77	80	76	78	87	82	85	---	---	---
7	81	75	77	81	76	80	88	83	86	---	---	---
8	81	77	78	86	77	80	88	84	85	---	---	---
9	83	76	78	88	79	82	87	83	84	---	---	---
10	83	76	78	87	80	84	89	83	86	---	---	---
11	80	76	77	86	82	85	85	81	83	---	---	---
12	80	76	78	88	82	85	83	80	82	---	---	---
13	80	74	77	87	82	84	85	79	81	---	---	---
14	81	75	78	84	81	83	84	81	82	---	---	---
15	77	74	75	87	79	82	86	82	83	---	---	---
16	77	74	76	91	80	85	86	82	84	---	---	---
17	79	74	76	88	83	85	86	83	84	---	---	---
18	80	75	78	88	84	86	87	82	85	---	---	---
19	81	77	79	88	84	86	87	82	84	---	---	---
20	80	76	78	87	83	86	85	82	83	---	---	---
21	80	72	76	87	83	85	87	82	84	---	---	---
22	76	73	75	89	83	85	---	---	---	---	---	---
23	76	74	75	87	83	85	---	---	---	---	---	---
24	77	73	75	89	83	85	---	---	---	---	---	---
25	78	74	76	85	82	84	---	---	---	91	87	89
26	78	74	76	84	82	83	---	---	---	91	88	90
27	79	74	76	85	83	84	---	---	---	91	88	89
28	80	75	77	90	84	87	---	---	---	91	87	89
29	80	74	77	88	85	87	---	---	---	---	---	---
30	78	73	75	89	84	87	---	---	---	---	---	---
31	77	73	74	---	---	---	---	---	---	93	88	90
MONTH	86	72	77	91	71	83	---	---	---	---	---	---
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	93	89	91	---	---	---	99	93	97	86	79	83
2	93	90	91	---	---	---	100	94	97	87	79	83
3	92	89	91	95	91	93	97	93	95	91	81	85
4	92	89	90	95	92	94	96	91	94	90	82	86
5	93	90	92	96	93	94	96	92	94	92	82	86
6	95	91	93	97	93	95	97	93	94	91	82	85
7	96	93	94	97	94	95	97	92	94	88	80	83
8	96	93	94	98	94	96	96	92	94	85	78	82
9	96	92	94	96	93	95	96	92	94	91	82	86
10	96	92	94	95	92	93	94	87	89	94	83	87
11	94	91	92	98	93	95	91	86	88	91	82	86
12	94	91	92	97	93	95	88	77	82	91	81	86
13	96	92	93	98	94	96	81	76	78	---	---	---
14	96	92	94	---	---	---	80	76	78	---	---	---
15	96	92	94	---	---	---	87	78	82	---	---	---
16	95	92	93	95	93	94	90	83	87	---	---	---
17	96	91	94	95	91	93	90	83	86	---	---	---
18	96	91	94	94	91	93	92	84	88	87	76	82
19	95	92	94	95	93	94	94	87	90	87	78	82
20	96	92	94	97	93	96	94	87	90	86	78	81
21	96	93	94	97	93	95	95	86	90	83	77	79
22	95	92	94	98	95	97	92	84	88	86	76	81
23	94	91	93	98	95	96	92	83	87	90	81	85
24	94	91	92	97	92	94	88	81	84	91	80	84
25	96	90	93	93	91	92	85	80	83	87	78	83
26	94	91	93	93	90	92	89	82	85	85	77	81
27	94	92	93	93	91	91	91	82	86	88	79	83
28	94	90	93	95	92	93	89	84	86	89	81	84
29	---	---	---	94	91	93	90	83	86	86	78	82
30	---	---	---	98	91	93	90	82	85	83	77	80
31	---	---	---	99	94	96	---	---	---	83	76	79
MONTH	96	89	93	---	---	---	100	76	88	---	---	---

ROANOKE RIVER BASIN

02081022 ROANOKE RIVER NEAR OAK CITY, 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	80	74	77	78	74	77	74	71	72	74	70	72
2	77	71	75	81	74	77	76	72	74	75	71	73
3	73	69	71	83	77	80	77	73	74	81	73	77
4	72	67	70	85	79	82	78	74	76	78	73	75
5	74	68	71	85	80	82	---	---	---	81	72	74
6	77	70	73	85	80	83	---	---	---	76	70	73
7	84	68	76	82	74	78	79	74	77	83	73	75
8	84	76	80	80	72	76	80	75	77	81	72	74
9	82	74	78	80	75	77	80	73	78	76	71	74
10	83	74	78	80	76	78	81	76	78	77	71	73
11	82	74	77	83	77	80	81	76	79	75	71	73
12	81	73	76	81	73	78	83	73	78	75	69	72
13	81	73	76	77	71	74	75	66	71	73	67	70
14	82	71	75	75	71	73	75	68	70	73	66	69
15	82	73	77	73	68	70	77	65	72	73	65	68
16	81	72	76	72	68	71	76	69	73	---	---	---
17	80	69	74	72	68	70	78	71	75	---	---	---
18	77	70	74	72	68	70	78	72	75	---	---	---
19	77	68	72	74	70	71	81	73	76	---	---	---
20	74	69	72	74	67	72	82	71	76	---	---	---
21	79	70	74	73	69	71	79	70	74	---	---	---
22	77	71	74	73	69	71	81	74	78	---	---	---
23	79	70	76	73	69	70	82	73	76	---	---	---
24	79	72	76	73	67	70	81	72	76	---	---	---
25	80	72	76	75	67	71	81	74	76	---	---	---
26	80	73	76	76	72	74	80	74	76	---	---	---
27	77	73	75	77	74	76	79	73	75	---	---	---
28	79	74	76	78	68	73	80	73	76	78	75	76
29	79	74	76	72	67	69	78	72	75	80	76	78
30	79	75	77	72	67	70	77	71	74	81	77	79
31	---	---	---	73	69	71	75	70	72	---	---	---
MONTH	84	67	75	85	67	74	---	---	---	---	---	---