

0208114150 ROANOKE RIVER AT NC 45 NEAR WESTOVER, NC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1998 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE (TOP): May 2000 to current year.

SPECIFIC CONDUCTANCE (BOTTOM): November 1997 to current year

pH (TOP): May 2000 to current year.

pH (BOTTOM): November 1997 to current year.

WATER TEMPERATURE (TOP): May 2000 to current year.

WATER TEMPERATURE (BOTTOM): November 1997 to current year.

DISSOLVED OXYGEN (TOP): May 2000 to current year.

DISSOLVED OXYGEN (BOTTOM): November 1997 to current year.

DISSOLVED OXYGEN, PERCENT SATURATION (TOP): May 2000 to current year.

DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM): November 1997 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. Top constituents were monitored at approximately 18 ft above the streambed and bottom constituents, 2 ft above the streambed. 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 (TOP), microsiemens	9,880, February 2, 2002	73, June 20, 21, 2001
SPECIFIC CONDUCTANCE (BOTTOM), microsiemens	11,700 February 2, 2002	48, September 21, 1999
pH (TOP), standard units	8.0, August 19, 2002	6.0, June 19, 21, 22, 2001
pH (BOTTOM), standard units	7.7, June 17, 2000	5.8, March 4, 1998, September 18-22, 1999
WATER TEMPERATURE (TOP), °C	32.1, July 27, 2005	2.5, January 24, 2003
WATER TEMPERATURE (BOTTOM), °C	31.0, July 30, 1998, August 2, 1999	2.5, January 24, 2003
DISSOLVED OXYGEN (TOP), mg/L	12.6, February 22, 2003	<1.0, on many days during the period
DISSOLVED OXYGEN (BOTTOM), mg/L	14.0, January 6, 7, 2001, January 11, 2002	<1.0, on many days during the period
DISSOLVED OXYGEN, PERCENT SATURATION (TOP),%	115, May 11, 2003	<10, on many days during the period
DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM),%	123, September 15, 2005	< 10, on many days during the period

EXTREMES FOR CURRENT WATER YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE (TOP), microsiemens	649, September 15	104, March 9
SPECIFIC CONDUCTANCE (BOTTOM), microsiemens	697, September 15	104, March 9
pH (TOP), standard units	7.6, February 17, 23, 24	6.6, August 2, 3
pH (BOTTOM), standard units	7.6, February 23, 24, 25, March 8	6.5, December 24, 25
WATER TEMPERATURE (TOP), C	32.1, July 27	3.3, January 29, 30
WATER TEMPERATURE (BOTTOM), C	30.9, July 28	3.2, January 30
DISSOLVED OXYGEN (TOP), mg/L	11.7, February 2, 3, 4	3.4, August 3, 4
DISSOLVED OXYGEN (BOTTOM), mg/L	11.5, January 30, February 2, 3	2.9, August 5
DISSOLVED OXYGEN, PERCENT SATURATION (TOP),%	113, July 6, 7	43, August 3
DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM),%	123, September 15	37, July 3, August 5

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	146	128	136	130	124	127	141	131	136	116	113	114
2	138	124	129	130	125	127	145	132	136	116	113	115
3	147	123	130	137	127	131	137	129	132	117	115	116
4	134	127	129	135	128	131	135	128	132	117	114	116
5	136	122	130	137	126	131	132	127	130	119	116	117
6	131	123	127	136	130	133	132	128	130	121	116	118
7	131	116	126	137	130	134	132	128	130	123	117	120
8	135	126	131	175	128	136	134	127	131	121	117	119
9	135	126	131	139	131	136	136	129	132	126	117	120
10	135	126	131	144	136	139	134	125	129	124	119	120
11	136	127	131	146	134	141	134	122	127	124	119	121
12	138	128	132	149	135	142	131	123	127	126	119	122
13	141	128	134	149	133	141	130	123	126	126	120	122
14	140	124	128	147	135	140	127	119	122	139	121	126
15	132	124	129	147	137	141	123	118	120	126	118	121
16	133	121	125	149	139	145	125	119	121	122	117	120
17	138	120	127	147	134	142	126	121	123	127	117	120
18	130	121	126	143	131	136	125	120	122	121	114	117
19	129	123	126	139	129	135	123	119	122	121	116	118
20	133	126	129	141	130	135	127	116	118	126	115	120
21	138	131	134	142	131	135	124	118	120	122	117	120
22	136	131	134	142	131	136	124	119	120	122	117	119
23	137	127	132	150	134	139	121	118	120	121	113	116
24	135	129	132	150	133	138	129	114	117	119	113	116
25	140	126	134	161	132	141	116	114	115	122	116	119
26	131	123	126	146	132	138	115	111	113	121	117	119
27	131	124	127	143	134	138	113	110	111	124	115	117
28	130	123	126	143	130	136	115	111	113	117	114	115
29	128	121	124	140	131	136	116	113	114	117	113	114
30	128	121	125	140	134	137	115	113	114	116	113	114
31	129	123	126	---	---	---	115	113	114	114	111	112
MONTH	147	116	129	175	124	137	145	110	123	139	111	118
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	115	111	113	205	135	151	137	118	122	165	135	146
2	116	112	114	225	136	154	137	111	118	149	138	143
3	117	113	115	171	145	155	116	110	113	156	140	145
4	117	113	115	165	145	157	163	112	117	173	129	148
5	122	113	117	168	134	146	120	115	117	183	132	159
6	124	115	120	145	132	137	118	113	116	234	124	146
7	132	118	123	148	134	142	118	111	115	138	123	129
8	134	124	128	154	105	136	121	114	118	140	132	136
9	134	123	128	124	104	106	127	113	117	149	128	142
10	136	123	128	146	122	133	117	109	112	166	129	141
11	131	118	124	144	133	137	142	114	117	155	124	134
12	135	125	130	156	127	136	137	113	118	138	111	129
13	143	127	134	145	127	136	120	112	115	210	121	131
14	143	126	131	143	126	132	113	109	111	131	124	128
15	137	129	133	145	130	136	121	108	113	135	128	132
16	138	130	134	154	131	140	118	110	114	143	126	134
17	192	129	144	146	123	133	123	115	118	143	131	136
18	157	140	147	133	125	129	127	123	124	144	128	136
19	165	140	147	136	130	133	132	125	128	147	131	140
20	179	141	152	133	127	131	132	126	129	150	136	144
21	155	138	144	132	118	125	134	115	130	196	141	154
22	155	144	148	127	118	121	185	126	133	150	141	145
23	160	127	143	124	116	119	143	128	135	151	142	147
24	186	112	143	123	113	117	145	130	135	211	131	149
25	163	130	145	120	114	116	135	122	128	247	132	146
26	157	143	149	120	111	114	133	123	127	155	135	145
27	175	144	155	120	112	116	128	112	123	192	137	152
28	184	123	150	126	115	119	129	112	120	162	139	147
29	---	---	---	126	115	120	139	112	126	188	128	138
30	---	---	---	123	118	120	150	137	141	138	126	133
31	---	---	---	125	118	121	---	---	---	156	123	136
MONTH	192	111	134	225	104	131	185	108	122	247	111	141

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

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	149	128	138	130	124	127	141	131	136	116	114	115
2	140	124	129	131	125	128	144	131	136	117	114	115
3	149	123	131	137	128	132	136	128	132	118	115	117
4	135	123	129	134	125	130	135	127	131	118	115	116
5	137	124	131	137	127	131	132	127	129	119	116	117
6	134	122	128	138	130	134	131	127	129	121	117	119
7	133	114	127	138	131	134	131	126	128	124	119	120
8	136	126	131	180	129	137	134	126	130	122	118	120
9	135	126	130	139	128	137	134	129	131	126	119	121
10	134	126	131	143	135	139	132	125	128	124	120	121
11	137	127	131	146	135	141	134	122	127	124	120	122
12	137	127	132	151	136	143	130	123	127	126	119	122
13	143	128	134	148	134	140	130	123	126	126	120	122
14	140	124	127	146	137	140	127	119	122	137	121	125
15	132	123	128	148	138	141	123	118	120	126	119	121
16	133	121	125	150	139	146	125	119	121	123	118	120
17	138	119	126	147	136	142	126	121	123	127	118	120
18	129	121	125	145	131	138	125	120	122	121	114	117
19	128	123	125	141	130	136	123	119	122	122	117	119
20	133	125	129	141	128	135	127	116	118	126	116	120
21	137	130	134	144	130	135	124	119	120	124	118	121
22	136	131	133	144	129	136	124	119	121	122	118	120
23	136	127	132	152	132	140	121	119	120	121	113	116
24	134	128	131	152	132	139	130	115	118	119	114	117
25	139	125	133	160	132	141	117	115	116	124	117	120
26	130	123	126	146	133	138	116	111	114	123	118	121
27	131	123	126	143	134	137	113	111	112	125	116	119
28	130	122	125	142	130	136	115	112	114	118	116	117
29	127	121	123	139	130	135	116	113	114	118	114	116
30	128	121	125	139	133	136	116	114	115	118	114	116
31	130	123	126	---	---	---	116	114	115	116	112	114
MONTH	149	114	129	180	124	137	144	111	123	137	112	119
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	116	113	114	202	131	148	138	117	121	164	136	148
2	118	114	116	224	132	150	137	110	117	150	138	144
3	118	115	117	165	141	151	115	109	111	156	142	147
4	118	114	116	161	141	153	166	111	116	177	124	149
5	124	114	118	166	132	144	118	113	116	186	135	162
6	126	116	121	142	129	135	116	113	114	238	126	148
7	133	120	124	145	132	140	120	113	116	140	125	130
8	135	125	130	151	105	134	123	118	121	142	134	137
9	135	124	129	124	104	107	130	117	121	152	139	144
10	137	124	130	144	122	132	120	112	116	173	129	143
11	132	119	125	143	132	136	145	118	121	158	126	136
12	136	126	131	157	127	136	141	116	121	141	112	129
13	144	129	135	146	128	136	123	115	118	221	117	130
14	145	127	132	144	127	133	117	112	114	130	122	126
15	138	130	134	144	130	136	123	111	116	134	126	130
16	139	131	135	151	130	139	120	113	117	143	126	132
17	207	129	148	144	121	131	125	117	120	142	128	134
18	159	141	149	131	125	128	129	124	126	145	127	134
19	165	141	149	134	128	131	133	127	130	146	129	139
20	179	143	153	131	124	128	133	128	131	148	134	142
21	156	140	145	130	116	122	136	121	132	195	138	151
22	156	144	150	125	115	119	191	128	135	149	139	144
23	160	133	143	121	113	116	145	131	137	150	142	146
24	184	116	148	120	111	115	147	132	137	219	128	148
25	161	133	145	117	111	113	139	123	131	251	131	145
26	153	138	145	116	109	112	134	125	128	154	134	144
27	167	140	150	118	110	113	131	114	125	190	134	156
28	180	130	149	123	112	116	132	114	123	161	134	145
29	---	---	---	125	114	118	140	114	128	191	127	137
30	---	---	---	122	116	118	153	138	143	137	125	131
31	---	---	---	124	117	120	---	---	---	154	126	134
MONTH	207	113	135	224	104	129	191	109	123	251	112	141

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

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

0208114150 ROANOKE RIVER AT NC 45 NEAR WESTOVER, NC—Continued

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

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

ROANOKE RIVER BASIN

0208114150 ROANOKE RIVER AT NC 45 NEAR WESTOVER, NC—Continued

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

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

0208114150 ROANOKE RIVER AT NC 45 NEAR WESTOVER, NC—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.7	23.8	24.0	19.1	18.5	18.7	13.0	12.7	12.9	6.7	5.9	6.3
2	24.3	23.8	24.0	19.3	18.4	18.9	12.8	12.6	12.7	7.3	6.6	7.0
3	24.2	23.9	24.0	19.1	18.8	19.0	12.6	12.0	12.2	8.0	7.3	7.7
4	24.2	23.5	23.8	19.0	18.7	18.8	12.2	11.7	12.0	8.9	8.0	8.5
5	23.8	23.3	23.6	18.7	18.2	18.4	12.1	11.8	11.9	9.8	8.9	9.5
6	23.3	22.4	22.7	18.2	17.5	17.8	11.9	11.8	11.8	10.5	9.8	10.2
7	22.5	21.8	22.1	17.6	17.2	17.3	12.4	11.8	12.0	10.9	10.5	10.7
8	22.0	21.4	21.7	17.2	16.3	16.8	12.8	12.2	12.5	10.9	10.6	10.8
9	22.0	21.4	21.7	16.3	15.5	15.8	12.9	12.5	12.7	10.9	10.6	10.8
10	22.2	21.3	21.7	15.6	15.0	15.3	13.5	12.9	13.2	10.6	10.1	10.3
11	21.7	21.2	21.4	15.1	14.6	14.9	13.4	13.1	13.2	10.2	10.0	10.1
12	21.6	20.8	21.1	15.2	14.8	15.0	13.1	12.3	12.7	10.4	9.9	10.2
13	21.0	20.7	20.8	15.2	14.2	14.8	12.4	12.0	12.2	11.3	10.3	10.8
14	21.0	20.5	20.8	14.2	13.7	13.9	12.0	11.0	11.6	12.1	11.3	11.8
15	20.5	20.0	20.3	14.0	13.2	13.7	11.0	9.8	10.3	11.9	10.4	11.2
16	20.1	19.2	19.6	13.7	13.2	13.4	9.8	9.2	9.4	10.4	9.2	9.7
17	19.4	19.1	19.3	13.4	12.9	13.1	9.2	8.5	8.8	9.2	8.1	8.8
18	19.2	18.6	18.9	13.0	12.6	12.8	8.5	8.3	8.4	8.1	6.9	7.5
19	19.7	18.8	19.2	13.1	12.4	12.7	8.5	8.2	8.4	6.9	6.0	6.4
20	19.7	19.5	19.6	13.7	13.0	13.4	8.3	6.9	7.6	6.2	5.8	6.0
21	19.5	19.1	19.3	14.3	13.6	13.9	6.9	6.2	6.4	6.1	5.5	5.9
22	19.1	18.8	19.0	14.6	14.1	14.3	6.8	6.1	6.5	5.5	5.2	5.2
23	18.8	18.2	18.5	14.6	14.2	14.4	7.9	6.8	7.3	5.3	4.3	4.8
24	18.2	17.5	17.8	15.3	14.5	14.8	8.1	7.8	8.0	4.7	3.9	4.3
25	17.5	17.1	17.3	15.9	15.2	15.5	7.8	6.6	7.2	5.1	4.6	4.8
26	17.3	16.7	16.9	15.2	14.4	14.6	6.6	5.0	6.0	5.0	4.7	4.8
27	17.2	16.6	16.9	14.4	14.0	14.2	5.0	4.1	4.4	5.0	4.6	4.8
28	17.3	16.8	17.0	14.7	14.2	14.4	4.2	4.0	4.1	4.7	3.6	4.2
29	17.1	16.7	16.9	14.3	13.6	13.8	4.3	3.9	4.1	3.6	3.3	3.4
30	18.0	16.9	17.4	13.6	12.8	13.1	5.1	4.3	4.7	3.8	3.3	3.6
31	18.8	17.7	18.2	---	---	---	5.9	5.1	5.5	4.2	3.7	4.0
MONTH	24.7	16.6	20.2	19.3	12.4	15.2	13.5	3.9	9.4	12.1	3.3	7.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	4.2	4.0	4.1	8.0	7.2	7.6	14.6	13.3	13.9	17.4	16.8	17.0
2	4.4	3.9	4.1	7.5	6.8	7.1	14.6	13.6	14.1	17.8	16.8	17.3
3	4.4	4.1	4.3	7.4	6.7	7.1	14.0	13.5	13.7	17.6	16.7	17.2
4	4.4	4.2	4.3	7.7	7.0	7.3	14.0	13.0	13.5	18.1	16.9	17.4
5	5.0	4.3	4.6	7.4	7.0	7.2	15.2	13.4	14.2	17.5	16.9	17.3
6	5.4	4.7	5.1	7.5	7.0	7.2	16.0	14.4	15.2	17.2	15.6	16.3
7	5.8	5.2	5.5	8.0	7.3	7.6	16.6	15.3	16.1	16.3	15.2	15.6
8	6.5	5.8	6.1	8.3	7.6	8.0	17.2	16.4	16.8	17.3	15.9	16.5
9	7.1	6.5	6.7	7.8	7.3	7.6	17.2	16.3	16.8	17.6	16.6	16.9
10	7.8	7.1	7.4	8.1	7.4	7.8	16.3	15.5	15.9	18.5	16.8	17.4
11	7.5	7.2	7.3	8.9	8.1	8.3	16.3	15.5	16.0	18.6	17.3	18.0
12	7.4	7.0	7.1	8.7	8.1	8.4	16.2	15.0	15.7	20.0	18.5	19.2
13	7.8	7.1	7.4	9.1	8.4	8.7	15.0	13.4	14.3	19.8	19.1	19.4
14	7.6	7.3	7.5	9.1	8.6	8.8	13.4	12.7	12.9	20.1	18.9	19.5
15	8.1	7.4	7.7	9.2	8.4	8.7	13.3	12.7	13.0	20.8	19.6	20.1
16	8.8	7.7	8.2	9.0	8.1	8.7	12.8	12.6	12.7	21.4	20.2	20.6
17	8.9	8.3	8.6	8.3	7.6	8.0	13.8	12.6	13.2	21.5	20.2	20.6
18	8.8	8.2	8.5	8.2	7.4	7.8	15.0	13.3	14.2	21.8	20.0	20.5
19	8.5	7.9	8.2	8.6	8.1	8.3	16.0	14.2	15.0	21.1	20.5	20.9
20	8.3	7.9	8.1	9.2	8.5	8.7	17.1	15.3	16.2	21.7	21.0	21.3
21	8.4	7.9	8.0	9.5	8.7	9.0	17.8	16.5	17.1	21.6	20.7	21.2
22	8.3	7.9	8.1	9.8	9.2	9.5	18.3	17.2	17.7	21.6	20.5	21.0
23	9.0	7.8	8.2	10.4	9.5	9.9	18.5	18.1	18.3	21.7	20.8	21.1
24	8.6	8.0	8.2	11.1	10.4	10.7	18.4	17.4	17.9	21.6	21.0	21.3
25	8.0	7.6	7.8	11.1	10.7	10.8	17.5	16.5	17.1	21.0	19.9	20.4
26	8.4	7.5	7.8	11.6	10.8	11.2	17.2	16.2	16.7	21.8	19.8	20.2
27	8.0	7.8	7.9	11.7	11.3	11.5	17.0	16.2	16.5	22.4	20.6	21.3
28	8.1	7.5	7.8	12.2	11.4	11.8	17.5	16.4	16.9	22.4	21.3	21.8
29	---	---	---	12.9	11.8	12.3	17.0	16.4	16.7	22.6	21.8	22.2
30	---	---	---	13.6	12.2	12.9	17.2	16.4	16.8	22.3	22.0	22.1
31	---	---	---	14.1	12.9	13.4	---	---	---	23.3	21.9	22.3
MONTH	9.0	3.9	7.0	14.1	6.7	9.1	18.5	12.6	15.5	23.3	15.2	19.5

0208114150 ROANOKE RIVER AT NC 45 NEAR WESTOVER, NC—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.0	23.8	23.9	18.9	18.4	18.7	13.0	12.7	12.9	6.8	6.0	6.4
2	24.1	23.7	23.9	19.1	18.4	18.8	12.8	12.5	12.7	7.5	6.8	7.1
3	24.2	23.8	24.0	19.0	18.8	18.9	12.6	12.0	12.3	8.1	7.4	7.9
4	24.0	23.5	23.8	19.0	18.6	18.8	12.2	11.7	12.0	9.0	8.1	8.6
5	23.8	23.3	23.5	18.8	18.2	18.4	12.1	11.9	12.0	9.9	9.0	9.6
6	23.3	22.4	22.7	18.2	17.5	17.7	11.9	11.8	11.9	10.6	9.9	10.3
7	22.5	21.6	22.0	17.5	17.0	17.3	12.2	11.8	12.0	11.0	10.6	10.8
8	21.9	21.2	21.6	17.3	16.4	16.8	12.9	12.2	12.5	11.0	10.7	10.9
9	21.8	21.4	21.6	16.4	15.4	15.8	12.9	12.5	12.7	10.9	10.7	10.9
10	21.9	21.3	21.6	15.5	14.9	15.2	13.5	12.9	13.2	10.7	10.3	10.5
11	21.6	20.9	21.3	15.2	14.5	14.8	13.5	13.2	13.3	10.3	10.1	10.2
12	21.3	20.6	20.9	15.2	14.8	15.0	13.2	12.4	12.8	10.5	10.0	10.3
13	21.0	20.6	20.8	15.2	14.1	14.8	12.4	12.1	12.3	11.4	10.4	10.9
14	21.0	20.4	20.7	14.2	13.5	13.9	12.1	11.1	11.7	12.2	11.4	11.9
15	20.5	20.0	20.2	14.0	13.1	13.6	11.1	9.9	10.4	12.0	10.5	11.4
16	20.1	19.0	19.5	13.8	13.2	13.5	9.9	9.3	9.6	10.5	9.4	9.8
17	19.4	18.9	19.2	13.4	12.8	13.1	9.3	8.6	8.9	9.4	8.3	9.0
18	19.1	18.5	18.9	13.1	12.7	12.8	8.6	8.4	8.5	8.3	7.0	7.7
19	19.6	18.8	19.2	13.1	12.5	12.8	8.6	8.3	8.5	7.0	6.2	6.5
20	19.7	19.5	19.6	13.6	13.1	13.4	8.4	7.0	7.7	6.3	5.9	6.1
21	19.5	19.1	19.3	14.2	13.6	13.9	7.0	6.4	6.6	6.2	5.7	6.0
22	19.1	18.7	18.9	14.6	14.1	14.3	6.9	6.2	6.6	5.7	5.3	5.4
23	18.7	18.2	18.4	14.7	14.3	14.5	8.0	6.9	7.4	5.4	4.5	4.9
24	18.2	17.5	17.8	15.3	14.5	14.9	8.2	7.9	8.1	4.8	4.1	4.4
25	17.5	17.1	17.3	15.9	15.2	15.5	7.9	6.7	7.3	5.0	4.7	4.9
26	17.1	16.7	16.9	15.2	14.4	14.6	6.7	5.2	6.2	4.9	4.6	4.8
27	17.0	16.6	16.8	14.4	13.9	14.2	5.2	4.3	4.5	5.0	4.6	4.8
28	17.1	16.8	17.0	14.6	14.3	14.4	4.3	4.1	4.2	4.6	3.6	4.1
29	17.1	16.7	16.9	14.3	13.5	13.8	4.4	4.0	4.2	3.6	3.3	3.4
30	17.8	16.8	17.3	13.6	12.9	13.2	5.2	4.4	4.8	3.8	3.2	3.5
31	18.6	17.7	18.2	---	---	---	6.0	5.2	5.6	4.1	3.7	3.9
MONTH	24.2	16.6	20.1	19.1	12.5	15.2	13.5	4.0	9.5	12.2	3.2	7.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	4.2	3.9	4.1	8.0	7.3	7.6	14.6	13.3	13.9	17.2	16.8	17.0
2	4.3	3.9	4.1	7.5	6.7	7.1	14.5	13.6	14.0	17.6	16.7	17.2
3	4.4	4.1	4.3	7.4	6.5	7.1	14.0	13.4	13.7	17.4	16.5	17.1
4	4.4	4.2	4.3	7.6	6.8	7.2	13.9	13.0	13.4	17.8	16.9	17.2
5	4.9	4.3	4.6	7.4	7.0	7.2	14.8	13.4	14.2	17.5	16.9	17.3
6	5.4	4.7	5.0	7.4	7.0	7.2	15.7	14.3	15.1	17.1	15.6	16.3
7	5.8	5.2	5.5	7.8	7.3	7.5	16.4	15.3	16.0	15.9	15.2	15.5
8	6.5	5.8	6.0	8.3	7.7	8.0	17.0	16.4	16.7	16.8	15.9	16.3
9	7.0	6.5	6.7	7.8	7.1	7.6	17.0	16.2	16.8	17.2	16.5	16.7
10	7.8	7.0	7.4	8.1	7.4	7.8	16.2	15.4	15.8	17.6	16.8	17.1
11	7.5	7.2	7.3	8.6	8.1	8.3	16.3	15.5	15.9	18.6	17.3	17.8
12	7.3	7.0	7.1	8.6	8.1	8.4	16.1	14.9	15.7	19.8	18.5	19.0
13	7.7	7.1	7.3	9.1	8.3	8.6	14.9	13.4	14.3	19.8	19.1	19.4
14	7.6	7.3	7.5	9.1	8.6	8.8	13.4	12.7	12.9	19.9	18.9	19.4
15	7.9	7.4	7.6	9.0	8.4	8.7	13.2	12.7	13.0	20.6	19.6	20.0
16	8.6	7.7	8.2	9.0	8.0	8.7	12.8	12.6	12.7	20.8	20.2	20.5
17	8.9	8.3	8.6	8.2	7.6	7.9	13.6	12.6	13.2	21.1	20.1	20.5
18	8.8	8.2	8.5	8.1	7.3	7.7	14.8	13.3	14.1	20.8	19.9	20.3
19	8.5	7.9	8.1	8.6	8.0	8.3	15.8	14.2	15.0	21.1	20.5	20.8
20	8.3	7.9	8.1	8.9	8.5	8.7	16.9	15.2	16.0	21.5	21.0	21.2
21	8.1	7.9	8.0	9.3	8.6	8.9	17.7	16.5	17.0	21.4	20.6	21.1
22	8.1	7.9	8.0	9.6	9.2	9.4	18.3	17.1	17.7	21.3	20.4	20.8
23	8.6	7.8	8.0	10.4	9.5	9.8	18.4	18.0	18.2	21.3	20.8	20.9
24	8.5	8.0	8.2	11.0	10.4	10.7	18.4	17.3	17.8	21.4	20.9	21.1
25	8.0	7.6	7.8	11.0	10.6	10.8	17.4	16.3	17.0	21.0	19.8	20.3
26	8.1	7.3	7.7	11.5	10.7	11.1	17.1	16.2	16.6	20.2	19.7	20.0
27	8.0	7.8	7.9	11.7	11.3	11.5	16.8	16.2	16.4	21.5	20.2	20.8
28	8.0	7.5	7.8	12.2	11.4	11.7	17.2	16.2	16.7	22.2	20.9	21.6
29	---	---	---	12.7	11.8	12.3	17.0	16.4	16.7	22.2	21.7	22.0
30	---	---	---	13.5	12.2	12.8	17.0	16.4	16.7	22.2	21.9	22.1
31	---	---	---	14.0	12.8	13.4	---	---	---	22.7	21.8	22.1
MONTH	8.9	3.9	6.9	14.0	6.5	9.1	18.4	12.6	15.4	22.7	15.2	19.3

0208114150 ROANOKE RIVER AT NC 45 NEAR WESTOVER, NC—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.0	4.0	4.3	5.5	5.0	5.2	8.8	8.4	8.6	---	---	---
2	5.1	4.5	4.8	5.2	4.7	4.9	8.8	8.5	8.6	---	---	---
3	5.3	4.9	5.1	4.8	4.6	4.7	9.0	8.6	8.8	---	---	---
4	5.3	4.9	5.1	4.8	4.5	4.6	9.0	8.8	8.9	---	---	---
5	5.7	5.1	5.4	5.1	4.7	4.9	9.0	8.8	8.9	---	---	---
6	5.7	5.3	5.5	5.5	5.0	5.2	9.0	8.8	8.9	---	---	---
7	5.7	5.4	5.5	5.9	5.4	5.6	8.9	8.7	8.8	---	---	---
8	5.9	5.6	5.7	6.2	5.6	5.8	8.8	8.5	8.7	---	---	---
9	5.9	5.7	5.8	5.8	5.4	5.7	8.6	8.4	8.5	---	---	---
10	6.2	5.7	5.9	6.1	5.5	5.8	8.5	8.0	8.2	---	---	---
11	6.1	5.9	6.0	6.6	6.0	6.3	8.1	7.8	8.0	---	---	---
12	6.2	5.9	6.0	7.1	6.5	6.8	8.3	7.8	8.1	---	---	---
13	6.2	6.0	6.1	7.6	7.0	7.3	8.3	8.1	8.2	---	---	---
14	6.2	5.5	5.8	7.6	7.3	7.4	8.3	8.0	8.1	---	---	---
15	5.6	5.3	5.5	7.6	7.3	7.4	8.7	8.2	8.5	---	---	---
16	5.7	5.4	5.6	7.6	7.3	7.4	8.9	8.5	8.7	---	---	---
17	5.9	5.5	5.7	7.7	7.4	7.5	9.1	8.8	9.0	---	---	---
18	5.9	5.6	5.7	8.0	7.6	7.7	9.2	8.8	9.0	---	---	---
19	6.0	5.8	5.9	8.3	7.9	8.1	9.0	8.8	8.9	---	---	---
20	6.0	5.6	5.9	8.3	8.0	8.1	9.3	8.8	9.1	---	---	---
21	5.8	5.6	5.7	8.2	7.9	8.1	9.6	8.9	9.2	---	---	---
22	6.1	5.7	5.9	8.0	7.6	7.8	9.5	9.2	9.4	---	---	---
23	6.1	5.8	6.0	7.7	7.4	7.5	9.4	9.0	9.2	---	---	---
24	5.9	5.7	5.8	7.6	7.4	7.5	---	---	---	---	---	---
25	6.0	5.7	5.9	7.9	7.4	7.6	---	---	---	---	---	---
26	6.2	5.8	6.0	8.1	7.7	7.9	---	---	---	10.9	10.6	10.8
27	6.1	5.9	6.0	8.1	7.9	8.0	---	---	---	11.2	10.9	11.0
28	6.2	5.7	6.0	8.2	8.0	8.1	---	---	---	11.3	11.0	11.1
29	5.8	5.3	5.5	8.2	8.0	8.1	10.2	9.8	10.0	11.5	11.2	11.4
30	6.0	5.5	5.7	8.5	8.1	8.3	---	---	---	11.6	11.4	11.5
31	5.8	5.4	5.6	---	---	---	---	---	---	11.6	11.4	11.5
MONTH	6.2	4.0	5.7	8.5	4.5	6.8	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.5	11.3	11.4	11.1	10.8	11.0	9.0	8.5	8.8	7.8	7.4	7.6
2	11.7	11.3	11.6	---	---	---	8.9	8.4	8.7	7.7	7.3	7.5
3	11.7	11.4	11.6	---	---	---	8.8	8.4	8.6	7.6	7.3	7.4
4	11.7	11.4	11.5	---	---	---	9.0	8.3	8.7	7.9	7.2	7.4
5	11.6	11.3	11.4	---	---	---	9.0	8.3	8.7	7.9	7.3	7.5
6	11.5	11.2	11.3	---	---	---	8.7	8.2	8.4	8.6	7.7	8.0
7	11.5	11.3	11.4	---	---	---	8.7	7.5	8.2	7.8	7.0	7.3
8	11.3	11.1	11.2	---	---	---	8.1	6.8	7.6	7.3	7.1	7.2
9	11.3	11.0	11.2	---	---	---	7.6	6.7	7.2	7.3	6.9	7.1
10	11.2	10.8	11.0	---	---	---	7.5	7.0	7.3	7.4	7.1	7.2
11	11.0	10.7	10.8	---	---	---	8.1	7.4	7.8	7.2	6.7	6.9
12	10.9	10.7	10.8	---	---	---	8.1	7.4	7.7	7.0	6.7	6.8
13	11.0	10.7	10.8	---	---	---	7.6	7.2	7.4	6.9	6.6	6.8
14	11.0	10.7	10.8	---	---	---	7.4	7.0	7.1	6.9	6.6	6.8
15	10.7	10.5	10.6	---	---	---	8.5	7.3	8.1	6.7	6.3	6.5
16	10.7	10.1	10.4	10.5	10.2	10.3	8.7	8.2	8.5	7.0	6.3	6.5
17	10.3	9.8	10.1	10.6	10.3	10.4	8.6	8.1	8.4	6.8	6.1	6.3
18	10.0	9.7	9.9	10.5	10.2	10.3	8.5	8.0	8.3	---	---	---
19	10.3	9.9	10.1	10.5	10.3	10.4	8.4	7.9	8.1	---	---	---
20	10.4	10.0	10.2	10.6	10.4	10.5	8.2	7.7	7.9	---	---	---
21	10.5	10.2	10.4	10.6	10.4	10.5	7.9	7.4	7.6	---	---	---
22	10.5	10.2	10.3	10.6	10.4	10.5	7.7	7.0	7.3	---	---	---
23	10.8	10.4	10.6	10.5	10.0	10.3	7.2	6.9	7.0	---	---	---
24	10.9	10.3	10.6	10.0	9.4	9.7	7.1	6.4	6.7	---	---	---
25	10.8	10.5	10.6	9.5	9.2	9.3	6.9	6.4	6.6	---	---	---
26	10.9	10.4	10.6	9.4	9.0	9.2	7.1	6.6	6.9	---	---	---
27	10.8	10.5	10.6	9.1	8.8	9.0	7.3	7.1	7.2	---	---	---
28	11.2	10.7	10.9	9.0	8.6	8.8	7.3	7.1	7.2	---	---	---
29	---	---	---	8.8	8.6	8.7	7.4	7.2	7.3	---	---	---
30	---	---	---	8.9	8.4	8.7	7.8	7.4	7.7	---	---	---
31	---	---	---	9.0	8.5	8.7	---	---	---	---	---	---
MONTH	11.7	9.7	10.8	---	---	---	9.0	6.4	7.8	---	---	---

ROANOKE RIVER BASIN

0208114150 ROANOKE RIVER AT NC 45 NEAR WESTOVER, NC—Continued

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

DAY	MAX	MIN	MEAN	JUNE			JULY			AUGUST			SEPTEMBER		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	5.8	4.5	5.2	4.7	4.0	4.3	6.2	4.9	5.5			
2	---	---	---	5.6	4.2	4.9	4.3	3.6	3.8	6.5	5.0	5.4			
3	---	---	---	7.2	4.1	5.0	4.3	3.4	3.8	7.2	5.2	5.9			
4	---	---	---	7.6	4.5	5.5	4.7	3.4	3.8	6.0	4.9	5.4			
5	---	---	---	7.2	4.9	6.0	5.9	3.5	4.5	6.2	5.2	5.7			
6	---	---	---	8.4	4.3	5.0	6.1	3.9	4.7	6.5	5.5	5.9			
7	---	---	---	8.4	4.6	5.4	6.5	4.1	4.8	6.5	5.6	6.0			
8	---	---	---	5.9	4.8	5.2	5.8	4.2	4.6	6.5	5.5	5.8			
9	---	---	---	7.6	4.5	5.5	5.4	4.2	4.6	6.6	5.4	5.9			
10	---	---	---	6.8	4.7	5.3	5.6	4.1	4.5	6.5	5.4	6.0			
11	---	---	---	6.5	4.6	5.4	6.4	4.0	4.5	6.9	5.7	6.2			
12	---	---	---	5.8	4.7	5.2	6.5	3.7	4.5	6.9	5.9	6.4			
13	---	---	---	5.2	4.3	4.8	6.2	3.9	4.6	7.0	5.9	6.5			
14	---	---	---	5.2	4.4	4.7	5.6	4.3	4.9	7.2	5.8	6.3			
15	---	---	---	5.7	4.9	5.2	6.4	4.9	5.3	7.4	5.9	7.0			
16	---	---	---	5.8	5.2	5.5	5.8	5.0	5.3	5.9	4.4	4.9			
17	6.0	5.4	5.7	5.8	5.2	5.5	5.7	5.0	5.3	5.3	4.1	4.5			
18	6.1	5.4	5.6	6.0	5.3	5.6	6.3	5.0	5.3	5.0	3.8	4.3			
19	6.4	5.2	5.6	---	---	---	6.4	4.9	5.2	5.0	3.5	4.1			
20	6.3	5.7	6.0	---	---	---	6.5	4.7	5.1	5.5	4.5	5.0			
21	7.2	5.7	6.1	---	---	---	6.9	4.6	5.3	5.6	4.6	5.0			
22	6.5	5.3	5.7	---	---	---	6.4	4.5	5.2	5.5	4.8	5.0			
23	7.3	5.2	5.7	---	---	---	5.7	4.9	5.3	5.8	4.5	5.0			
24	7.0	5.4	5.7	---	---	---	6.4	4.8	5.3	5.7	4.7	5.1			
25	6.8	5.6	6.0	---	---	---	6.5	4.9	5.5	5.7	4.5	5.0			
26	6.2	5.5	5.7	---	---	---	7.0	5.1	5.6	5.4	4.7	5.1			
27	6.4	5.4	5.6	---	---	---	6.5	5.1	5.6	5.6	4.9	5.2			
28	6.1	5.3	5.5	---	---	---	6.6	4.8	5.2	6.3	5.0	5.5			
29	5.7	5.1	5.5	---	---	---	7.2	4.9	5.8	6.1	5.3	5.7			
30	5.7	4.7	5.2	5.0	4.3	4.5	6.6	5.2	5.7	6.3	5.3	5.7			
31	---	---	---	5.0	4.2	4.5	6.2	5.2	5.7	---	---	---			
MONTH	---	---	---	---	---	---	7.2	3.4	5.0	7.4	3.5	5.5			

0208114150 ROANOKE RIVER AT NC 45 NEAR WESTOVER, NC—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.0	4.2	4.5	5.8	5.2	5.4	8.9	8.4	8.7	10.3	9.9	10.1
2	5.2	4.6	4.9	5.4	4.8	5.0	8.9	8.6	8.8	10.0	9.7	9.9
3	5.4	4.8	5.1	5.0	4.6	4.8	9.1	8.7	8.9	9.8	9.6	9.7
4	5.4	4.7	5.0	4.9	4.6	4.8	9.1	8.8	9.0	9.6	9.3	9.4
5	5.8	4.9	5.3	5.2	4.7	5.0	9.1	8.9	9.0	9.3	9.0	9.2
6	5.8	5.3	5.5	5.6	5.1	5.3	9.1	8.8	9.0	9.2	8.8	9.0
7	5.9	5.3	5.6	5.7	5.5	5.6	8.9	8.7	8.8	8.9	8.6	8.8
8	6.1	5.7	5.9	6.1	5.6	5.8	8.9	8.6	8.7	8.8	8.5	8.6
9	6.1	5.8	6.0	6.0	5.6	5.8	8.7	8.3	8.5	8.9	8.6	8.7
10	6.2	5.9	6.0	6.2	5.7	5.9	8.5	8.2	8.3	8.8	8.5	8.7
11	6.2	6.0	6.1	6.6	6.2	6.4	8.3	8.1	8.2	8.9	8.6	8.8
12	6.3	6.0	6.2	7.2	6.5	6.8	8.5	8.1	8.3	9.1	8.7	8.9
13	6.4	6.1	6.2	7.8	7.1	7.5	8.5	8.4	8.5	9.1	8.8	9.0
14	6.3	5.7	6.1	7.7	7.4	7.6	8.6	8.3	8.4	9.1	8.7	8.9
15	5.9	5.5	5.7	7.8	7.5	7.6	8.9	8.5	8.8	8.8	8.3	8.4
16	5.9	5.6	5.8	7.8	7.5	7.6	9.3	8.8	9.1	9.0	8.4	8.7
17	6.0	5.7	5.9	7.9	7.6	7.7	9.4	9.2	9.3	9.2	8.9	9.1
18	6.1	5.8	5.9	8.3	7.7	7.9	9.5	9.3	9.4	9.6	9.2	9.4
19	6.2	6.0	6.0	8.6	8.1	8.4	9.4	9.2	9.3	10.1	9.6	9.8
20	6.2	5.8	6.0	8.5	8.2	8.4	9.5	9.3	9.4	10.2	10.0	10.1
21	6.0	5.7	5.8	8.4	8.0	8.2	9.8	9.4	9.6	10.8	10.2	10.4
22	6.2	5.9	6.0	8.2	7.8	8.1	9.8	9.7	9.8	10.9	10.8	10.9
23	6.3	5.8	6.1	7.9	7.6	7.7	9.8	9.5	9.7	11.2	10.8	11.0
24	6.1	5.8	5.9	7.8	7.6	7.7	9.7	9.2	9.5	11.2	10.9	11.0
25	6.2	5.8	6.0	8.1	7.6	7.9	9.5	9.1	9.3	11.0	10.5	10.7
26	6.3	6.0	6.1	8.3	8.0	8.1	9.7	9.4	9.6	10.7	10.5	10.6
27	6.3	6.1	6.2	8.2	8.1	8.2	10.2	9.7	9.9	11.1	10.6	10.9
28	6.4	6.0	6.2	8.4	8.0	8.2	10.3	10.1	10.2	11.1	10.8	11.0
29	6.1	5.6	5.8	8.5	8.2	8.3	10.6	10.3	10.4	11.3	11.0	11.2
30	6.0	5.7	5.9	8.5	8.3	8.4	10.5	10.3	10.4	11.5	11.2	11.3
31	5.9	5.7	5.8	---	---	---	10.4	10.2	10.3	11.3	11.1	11.2
MONTH	6.4	4.2	5.8	8.6	4.6	7.0	10.6	8.1	9.2	11.5	8.3	9.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.4	11.1	11.3	10.6	10.2	10.4	8.6	8.2	8.4	8.2	7.5	7.8
2	11.5	11.2	11.3	10.8	10.3	10.5	8.5	8.0	8.3	8.2	7.5	7.8
3	11.5	11.2	11.3	10.8	10.4	10.6	8.3	7.9	8.1	8.0	7.4	7.8
4	11.3	11.1	11.2	10.6	10.3	10.5	8.8	8.0	8.5	8.2	7.2	7.6
5	11.3	11.0	11.1	10.8	10.4	10.6	8.7	8.2	8.5	8.6	7.4	7.9
6	11.2	10.9	11.1	11.0	10.7	10.9	8.8	8.3	8.6	10.5	7.3	8.9
7	11.1	10.9	11.0	11.0	10.9	11.0	8.8	7.5	8.2	9.4	7.0	7.7
8	10.9	10.7	10.8	11.0	10.7	10.8	8.2	6.8	7.7	7.6	7.0	7.3
9	11.0	10.6	10.8	11.0	10.7	10.9	7.5	6.8	7.2	7.6	6.8	7.2
10	10.8	10.5	10.7	10.9	10.7	10.8	7.6	7.0	7.3	7.6	6.4	7.2
11	10.7	10.4	10.5	10.8	10.4	10.6	8.2	7.4	7.9	7.1	6.2	6.7
12	10.5	10.3	10.4	10.6	10.1	10.4	8.3	7.4	7.8	7.1	6.4	6.7
13	10.5	10.3	10.5	10.4	10.1	10.2	7.7	7.1	7.5	6.9	6.5	6.7
14	10.6	10.3	10.5	10.5	10.2	10.4	7.6	6.9	7.2	6.8	6.4	6.6
15	10.4	10.2	10.3	10.5	10.2	10.3	8.6	7.4	8.2	6.6	6.3	6.5
16	10.4	9.9	10.1	10.6	10.2	10.4	8.9	8.3	8.6	6.4	6.0	6.3
17	10.1	9.2	9.7	10.6	10.3	10.5	9.0	8.3	8.7	6.2	5.8	6.0
18	9.8	9.4	9.6	10.6	10.3	10.4	8.8	8.2	8.5	6.2	5.7	5.9
19	10.0	9.5	9.8	10.6	10.5	10.5	8.6	8.1	8.3	6.0	5.8	6.0
20	10.1	9.6	9.9	10.6	10.4	10.5	8.4	7.8	8.1	6.2	5.8	6.0
21	10.1	9.8	10	10.6	10.4	10.6	8.1	7.5	7.7	6.3	5.6	6.0
22	10.1	9.8	10	10.8	10.5	10.6	8.0	7.0	7.4	6.1	5.8	5.9
23	10.4	10.0	10.2	10.7	10.0	10.3	7.2	6.7	7.0	6.1	5.5	5.9
24	10.6	10.1	10.3	10.1	9.4	9.7	7.4	6.3	6.8	6.2	5.6	5.9
25	10.6	10.1	10.2	9.5	9.2	9.3	6.9	6.3	6.6	6.2	5.6	5.9
26	10.3	10.0	10.1	9.3	8.9	9.1	7.4	6.5	7.0	6.1	5.6	5.8
27	10.4	10.0	10.2	8.9	8.5	8.8	7.7	7.1	7.4	6.5	5.3	5.9
28	10.6	10.3	10.4	8.8	8.4	8.6	7.8	7.2	7.5	6.2	5.5	5.9
29	---	---	---	8.7	8.3	8.5	7.8	7.4	7.6	6.2	5.6	6.0
30	---	---	---	8.6	8.2	8.4	8.0	7.3	7.8	6.0	5.6	5.8
31	---	---	---	8.7	8.1	8.4	---	---	---	6.0	5.3	5.7
MONTH	11.5	9.2	10.5	11.0	8.1	10.1	9.0	6.3	7.8	10.5	5.3	6.6

ROANOKE RIVER BASIN

0208114150 ROANOKE RIVER AT NC 45 NEAR WESTOVER, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM—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	6.0	5.4	5.7	4.6	3.4	4.1	4.8	3.8	4.3	5.8	4.0	5.0
2	7.1	5.6	6.2	4.2	3.1	3.8	---	---	---	6.0	4.3	5.1
3	5.9	5.0	5.4	4.1	3.0	3.6	---	---	---	6.3	4.7	5.3
4	5.1	4.8	4.9	4.5	3.6	4.1	---	---	---	6.9	5.0	5.6
5	5.1	4.7	4.9	6.0	3.4	4.1	---	---	---	7.4	5.1	6.1
6	5.4	4.8	5.0	4.5	3.4	4.0	4.8	3.6	4.0	7.8	5.7	6.8
7	5.3	5.0	5.2	4.4	3.2	3.8	4.8	3.5	4.0	7.8	6.1	6.7
8	5.4	4.9	5.1	5.4	3.6	4.6	4.5	3.7	4.0	7.0	5.5	6.1
9	5.5	5.0	5.2	5.6	3.8	4.6	4.7	4.0	4.3	6.7	5.4	6.0
10	5.6	4.9	5.2	5.8	3.9	4.7	4.3	3.6	4.0	7.9	5.8	6.6
11	5.8	5.1	5.4	5.8	3.5	4.6	4.3	3.2	3.8	7.9	5.9	6.8
12	5.8	5.1	5.4	5.3	3.8	4.7	4.0	3.1	3.6	8.2	6.1	6.9
13	5.8	4.3	4.8	5.7	4.6	5.2	5.1	3.2	4.0	8.8	6.7	7.9
14	5.8	4.8	5.3	6.1	4.6	5.2	5.2	4.3	4.7	9.3	7.1	7.8
15	5.8	4.9	5.3	6.7	4.9	5.4	5.5	4.8	5.1	10.1	7.7	9.2
16	6.2	5.2	5.6	5.7	5.2	5.4	5.6	4.9	5.1	8.0	5.1	6.2
17	5.7	5.1	5.4	5.6	5.3	5.4	5.4	4.8	5.1	5.5	3.9	4.9
18	5.6	5.1	5.3	5.8	5.3	5.5	5.3	4.7	5.0	5.6	4.1	4.6
19	5.9	5.0	5.3	5.6	5.2	5.3	5.4	4.7	5.0	6.2	3.4	4.1
20	6.1	5.5	5.8	5.7	5.2	5.3	5.2	4.6	4.8	7.0	3.6	5.8
21	6.1	5.1	5.6	5.5	5.0	5.2	5.2	4.4	4.9	4.8	3.6	4.2
22	5.6	4.8	5.2	5.7	5.2	5.3	5.2	4.5	4.9	---	---	---
23	5.8	5.1	5.4	5.5	5.0	5.3	5.9	4.8	5.3	---	---	---
24	6.2	5.3	5.5	5.4	4.8	5.1	5.8	4.9	5.3	---	---	---
25	6.1	5.6	5.8	5.3	4.4	4.8	6.3	5.2	5.5	---	---	---
26	6.1	5.5	5.8	5.3	3.8	4.6	5.9	4.6	5.2	---	---	---
27	5.6	4.8	5.3	3.9	3.1	3.5	5.6	4.4	4.9	---	---	---
28	5.4	4.6	5.2	5.1	3.0	3.8	5.0	4.2	4.5	5.8	4.5	5.0
29	5.6	4.6	5.2	5.3	4.2	4.6	5.5	4.3	4.8	5.8	4.1	4.8
30	5.2	4.2	4.6	5.0	4.3	4.6	5.5	4.3	4.9	5.9	4.9	5.3
31	---	---	---	5.0	4.1	4.4	5.8	4.4	5.3	---	---	---
MONTH	7.1	4.2	5.3	6.7	3.0	4.7	---	---	---	---	---	---

0208114150 ROANOKE RIVER AT NC 45 NEAR WESTOVER, NC—Continued

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

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

ROANOKE RIVER BASIN

0208114150 ROANOKE RIVER AT NC 45 NEAR WESTOVER, NC—Continued

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

DAY	MAX	MIN	MEAN	JUNE			JULY			AUGUST			SEPTEMBER		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	74	56	66	61	51	55	81	64	72			
2	---	---	---	71	53	62	55	45	48	86	65	71			
3	---	---	---	93	52	64	55	43	48	96	68	78			
4	---	---	---	100	57	70	61	44	49	79	63	70			
5	---	---	---	95	63	78	79	45	59	80	66	73			
6	---	---	---	113	55	65	82	50	62	83	70	75			
7	---	---	---	113	60	71	86	53	64	82	70	75			
8	---	---	---	77	63	69	77	55	60	83	69	73			
9	---	---	---	102	59	72	72	55	60	84	68	74			
10	---	---	---	91	61	70	75	54	59	81	68	76			
11	---	---	---	88	60	72	86	52	59	85	70	76			
12	---	---	---	77	62	69	88	48	59	85	72	78			
13	---	---	---	69	56	63	84	51	61	86	73	80			
14	---	---	---	68	57	61	75	57	64	88	71	77			
15	---	---	---	75	63	68	86	65	71	90	72	85			
16	---	---	---	76	67	71	77	66	70	72	54	61			
17	76	67	71	76	68	72	75	66	70	67	51	56			
18	77	67	69	79	69	72	83	65	70	63	47	53			
19	81	65	71	---	---	---	85	64	68	63	44	52			
20	78	70	74	---	---	---	86	61	67	70	56	63			
21	91	69	75	---	---	---	93	61	71	71	58	63			
22	82	65	71	---	---	---	86	59	68	70	60	63			
23	93	64	72	---	---	---	76	65	71	74	57	63			
24	89	67	71	---	---	---	85	63	69	73	60	65			
25	85	70	74	---	---	---	85	64	72	72	57	64			
26	77	68	71	---	---	---	92	66	73	69	59	65			
27	82	67	70	---	---	---	85	66	72	71	62	66			
28	78	66	70	---	---	---	88	62	68	79	63	69			
29	72	64	68	---	---	---	95	64	76	77	66	71			
30	72	58	64	66	57	60	88	67	74	77	65	71			
31	---	---	---	65	55	58	82	67	74	---	---	---			
MONTH	---	---	---	---	---	---	95	43	65	96	44	69			

0208114150 ROANOKE RIVER AT NC 45 NEAR WESTOVER, NC—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	60	50	53	62	56	58	84	80	83	83	81	82
2	62	55	59	58	52	54	84	81	83	83	81	82
3	64	57	61	54	50	52	85	81	83	83	81	82
4	64	55	60	53	50	51	85	82	83	82	80	81
5	68	58	63	56	51	53	85	83	84	82	80	81
6	67	61	64	59	54	56	84	81	83	82	79	81
7	68	61	65	60	57	58	83	81	82	80	78	79
8	70	65	67	63	58	60	84	80	82	80	77	78
9	70	66	68	61	56	59	82	79	80	81	78	79
10	71	67	69	62	57	59	81	79	80	79	76	78
11	70	68	69	66	61	63	80	77	79	80	77	78
12	71	68	70	72	64	68	80	77	79	82	77	80
13	72	68	70	77	71	74	80	78	79	83	79	81
14	71	63	68	75	71	74	79	77	78	85	81	82
15	65	61	63	76	72	74	80	77	79	82	75	77
16	65	61	63	75	72	73	81	78	80	79	75	77
17	65	62	64	75	72	73	81	80	81	80	77	79
18	66	62	64	78	73	75	82	80	81	80	77	79
19	67	65	66	82	76	79	80	78	80	82	78	80
20	68	63	66	82	79	80	81	78	79	83	80	82
21	65	62	63	81	78	80	80	77	78	87	82	84
22	67	64	65	80	77	79	81	79	80	87	86	86
23	67	62	65	78	75	76	82	79	81	87	85	86
24	65	61	62	78	75	76	82	78	80	87	84	85
25	65	61	63	82	76	79	78	76	77	86	82	84
26	65	62	63	82	78	80	79	76	77	84	82	83
27	65	63	64	80	79	80	79	76	77	87	83	85
28	66	62	64	82	78	80	79	78	78	86	83	84
29	63	58	60	82	79	81	82	79	80	85	83	84
30	63	59	61	81	79	80	82	80	81	87	84	86
31	63	60	62	---	---	---	82	81	82	87	85	86
MONTH	72	50	64	82	50	69	85	76	80	87	75	82
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	88	85	86	89	86	87	85	79	82	85	78	81
2	89	85	87	90	85	87	83	78	81	85	78	82
3	89	86	87	90	85	88	80	77	79	83	77	80
4	87	85	86	89	85	87	85	76	81	86	75	79
5	88	85	87	90	86	88	86	80	83	90	77	83
6	88	85	87	92	89	90	89	81	85	107	74	91
7	88	86	87	93	91	92	90	77	83	95	70	77
8	88	86	87	93	90	92	85	70	79	77	72	74
9	91	87	88	92	89	91	78	70	74	78	70	74
10	90	88	89	92	89	91	76	71	74	79	67	75
11	89	86	87	92	89	91	83	75	80	76	65	71
12	87	85	86	91	87	89	84	73	79	76	70	72
13	88	86	87	90	86	88	76	68	73	75	71	73
14	89	86	87	91	88	89	72	65	68	74	69	72
15	87	85	86	91	87	89	82	70	78	74	69	71
16	87	85	86	91	87	89	84	78	81	72	67	70
17	86	79	84	90	87	88	86	80	83	70	64	67
18	84	80	82	90	86	88	87	79	83	69	63	65
19	85	80	83	91	89	90	87	79	83	68	65	67
20	86	81	84	92	89	91	87	78	82	70	65	68
21	86	83	84	93	90	91	84	77	80	71	63	68
22	86	83	85	95	91	92	84	73	78	69	64	67
23	89	84	86	94	89	91	77	71	74	68	62	66
24	90	86	87	90	85	88	79	66	72	70	63	67
25	89	85	86	86	83	84	72	65	69	69	62	65
26	87	83	85	84	82	83	75	67	72	67	62	64
27	88	84	86	82	78	81	79	73	76	74	60	66
28	89	87	88	82	77	79	81	73	77	71	62	67
29	---	---	---	81	77	80	81	76	79	71	64	69
30	---	---	---	83	77	80	83	75	80	69	64	67
31	---	---	---	85	77	80	---	---	---	70	61	65
MONTH	91	79	86	95	77	88	90	65	78	107	60	72

ROANOKE RIVER BASIN

0208114150 ROANOKE RIVER AT NC 45 NEAR WESTOVER, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM—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	70	62	66	57	42	51	62	48	55	76	52	66
2	80	64	70	53	38	47	---	---	---	78	56	66
3	67	57	62	52	37	45	---	---	---	83	61	70
4	58	54	56	57	46	51	---	---	---	90	65	73
5	58	54	56	78	43	53	---	---	---	95	65	79
6	63	56	59	58	44	52	63	46	52	99	73	86
7	62	58	60	57	41	49	63	46	53	98	76	84
8	64	58	60	71	47	61	59	49	53	88	69	77
9	66	60	62	73	50	60	62	52	56	85	68	75
10	68	59	63	76	51	61	57	47	53	98	73	82
11	71	62	66	76	46	60	56	42	49	98	72	84
12	72	62	66	70	50	62	52	40	47	99	74	84
13	73	53	60	75	60	68	68	42	53	107	82	96
14	72	60	66	79	59	67	69	57	62	113	87	95
15	72	61	66	86	63	70	73	63	68	123	94	111
16	78	65	70	74	67	70	75	65	68	98	63	76
17	72	64	67	73	69	70	71	63	67	68	48	60
18	70	63	66	76	69	72	69	61	65	70	50	57
19	74	63	66	74	68	70	70	61	65	78	42	51
20	75	68	72	75	68	70	69	60	63	88	45	73
21	74	63	68	72	65	69	69	58	65	61	45	52
22	69	59	64	76	68	70	69	60	65	---	---	---
23	73	63	66	73	66	69	78	64	70	---	---	---
24	78	66	69	72	63	67	76	64	69	---	---	---
25	76	69	72	70	58	63	82	68	72	---	---	---
26	75	68	71	70	50	60	77	60	67	---	---	---
27	70	59	66	52	41	47	73	57	63	---	---	---
28	67	58	65	69	40	51	65	54	58	72	56	62
29	70	57	65	70	56	61	72	56	63	72	51	60
30	65	52	57	66	56	60	72	56	63	72	60	65
31	---	---	---	65	54	58	76	57	68	---	---	---
MONTH	80	52	65	86	37	61	---	---	---	---	---	---